Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000813.D
Acq On : 02 Apr 2015 19:09
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Quant Time: Apr 03 18:14:19 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 17:58:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24580	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	116308	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	56297	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	114194	5.00	ng		0.00
30) Chrysene-d12	21.21	240	104545	5.00	ng		0.00
34) Perylene-d12	23.40	264	95716	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3365	0.50	ng		0.00
5) Phenol-d6	6.77	99	4333	0.46	ng		0.00
12) Nitrobenzene-d5	8.77	82	2783	0.51	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	750	0.45	ng		0.00
23) 2-Fluorobiphenyl	12.87	172	8878	0.51	ng		0.00
32) Terphenyl-d14	19.65	244	6445	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1972	0.53	ng		88
3) n-Nitrosodimethylamine	3.44	42	1421	0.45	ng	#	57
6) 2-Chlorophenol	7.17	128	3153	0.47	ng		88
7) Phenol	6.81	94	5087	0.50	ng		93
8) bis(2-Chloroethyl)ether	7.02	93	3226m	0.46	ng		
9) 2-Methylphenol	8.06	107	3578	0.49	ng	#	95
10) 3+4-Methylphenols	8.38	107	3747	0.49	ng		93
13) Nitrobenzene	8.80	77	3168	0.50	ng	#	84
14) 2-Nitrophenol	9.52	139	1629	0.56	ng	#	82
15) 2,4-Dimethylphenol	9.58	122	3132	0.48	ng		93
16) 2,4-Dichlorophenol	10.04	162	2572	0.44	ng		87
17) Hexachlorobutadiene	10.75	225	2299	0.51	ng		98
18) 4-Chloro-3-methylphenol	11.69	107	2641	0.45	ng		97
21) 2,4,6-Trichlorophenol	12.69	196	1384	0.46	ng		97
22) 2,4,5-Trichlorophenol	12.77	196	1647m	0.44	ng		
25) 4-Nitrophenol	14.51	139	333	0.30	ng		94
27) 4,6-Dinitro-2-methylphenol	15.41	198	354	0.35	ng	#	54
28) Hexachlorobenzene	16.33	284	3363	0.52	ng		96
29) Pentachlorophenol	16.67	266	233	0.21	ng	#	84
31) Benzidine	19.29	184	1736	0.41	ng	#	67
33) 3,3'-Dichlorobenzidine	21.13	252	3367	0.48	ng	#	96

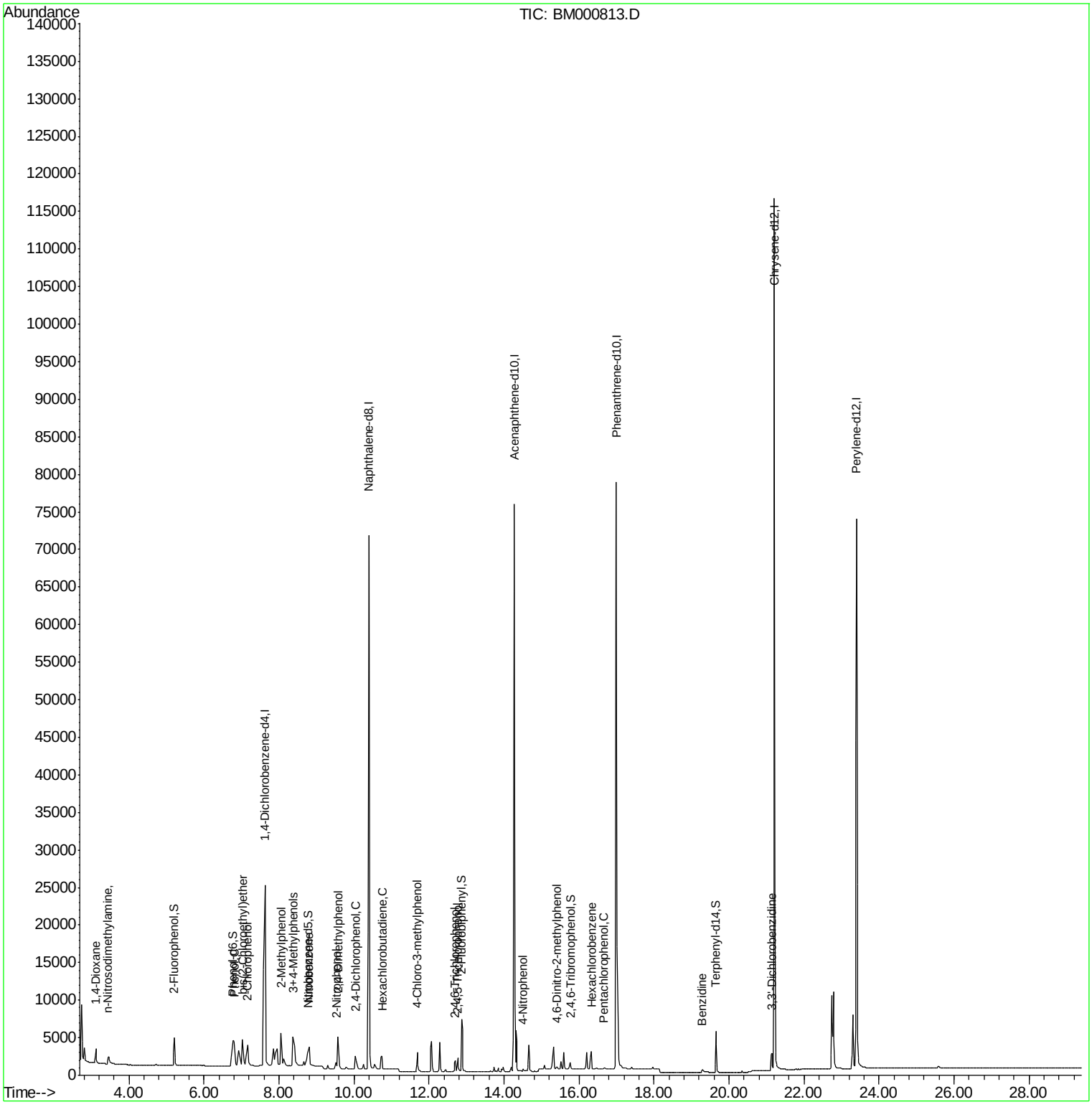
(#) = qualifier out of range (m) = manual integration (+) = signals summed

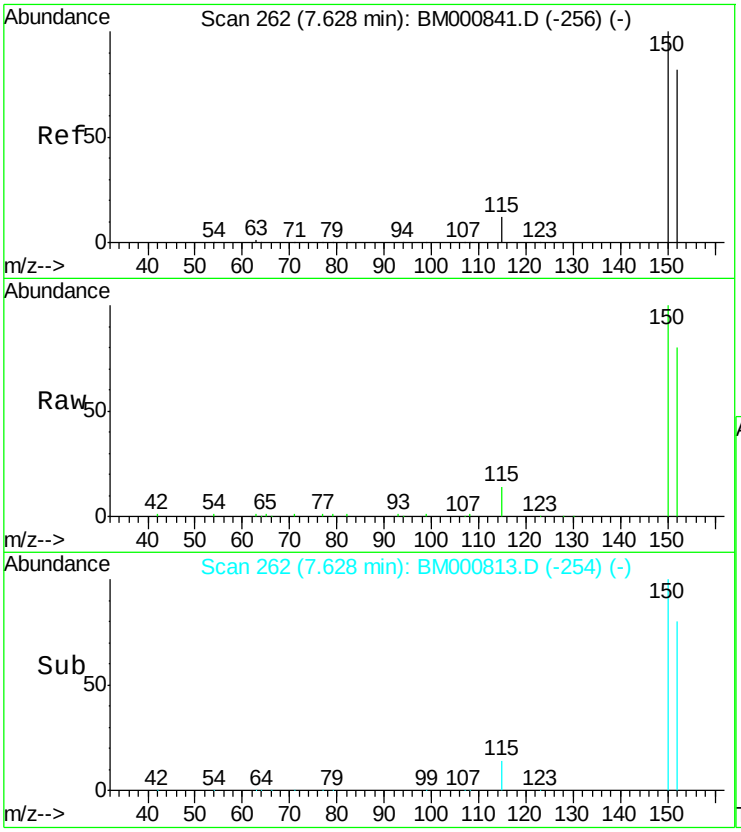
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000813.D
Acq On : 02 Apr 2015 19:09
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Quant Time: Apr 03 18:14:19 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 17:58:44 2015
Response via : Initial Calibration



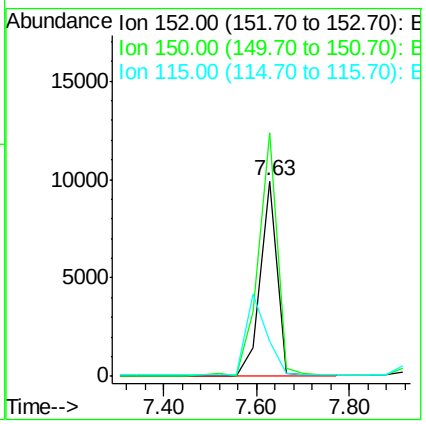


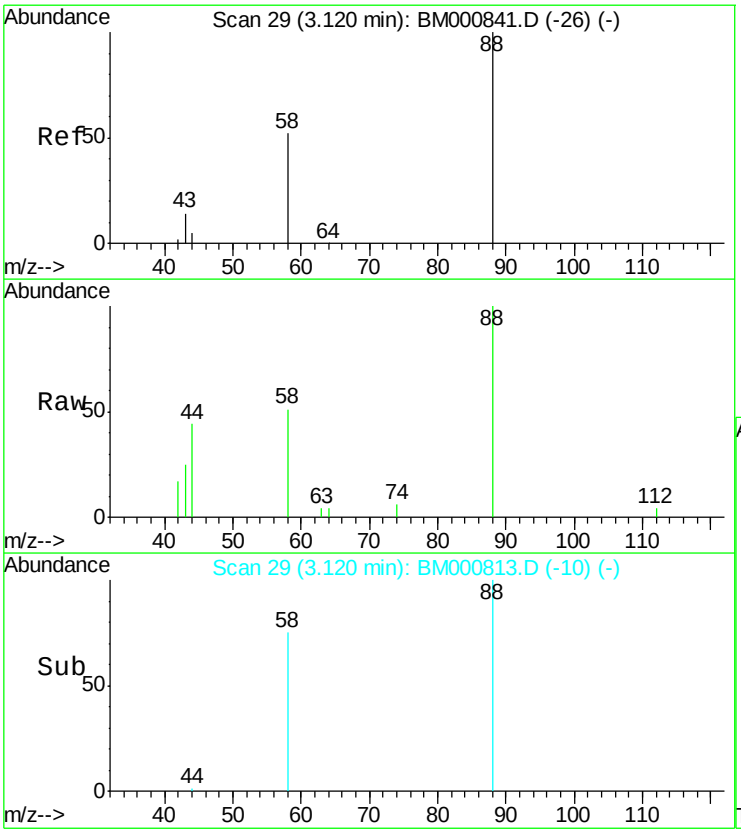
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 24580

Ion	Ratio	Lower	Upper
152	100		
150	124.7	99.8	149.6
115	17.7	13.5	20.3

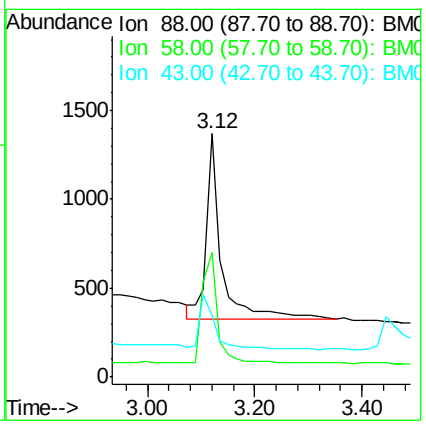


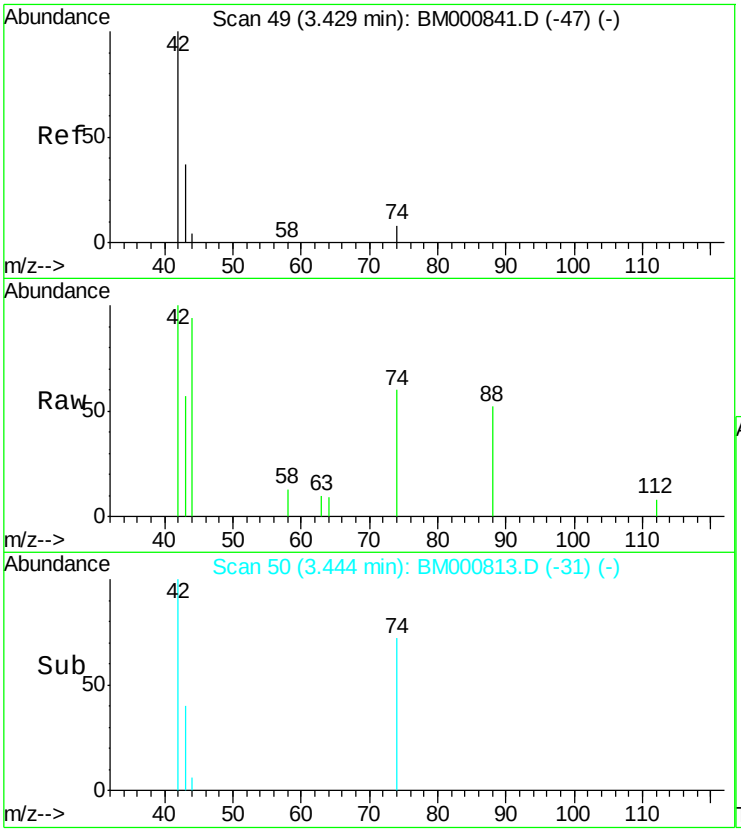


#2
1,4-Dioxane
Concen: 0.53 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion: 88 Resp: 1972

Ion	Ratio	Lower	Upper
88	100		
58	61.5	57.0	85.4
43	29.4	29.2	43.8



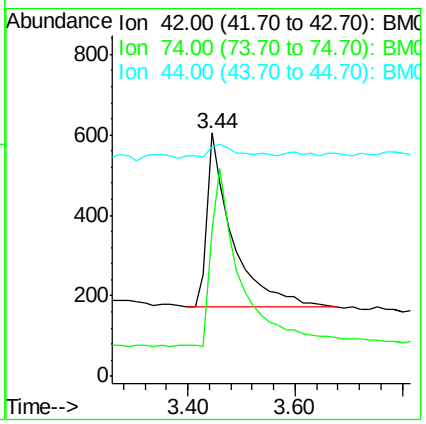


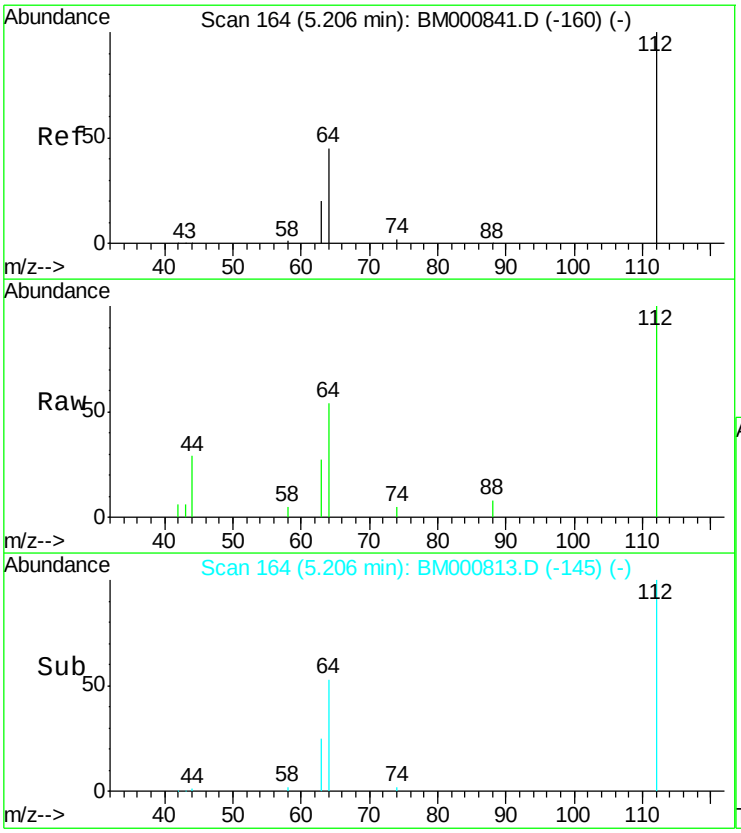
#3
n-Nitrosodimethylamine
Concen: 0.45 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 1421

Ion	Ratio	Lower	Upper
42	100		
74	60.3	93.1	139.7#
44	94.2	56.6	85.0#

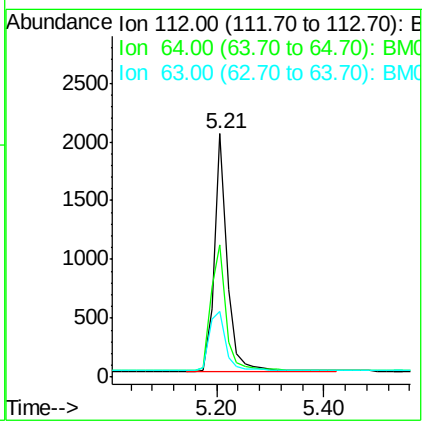


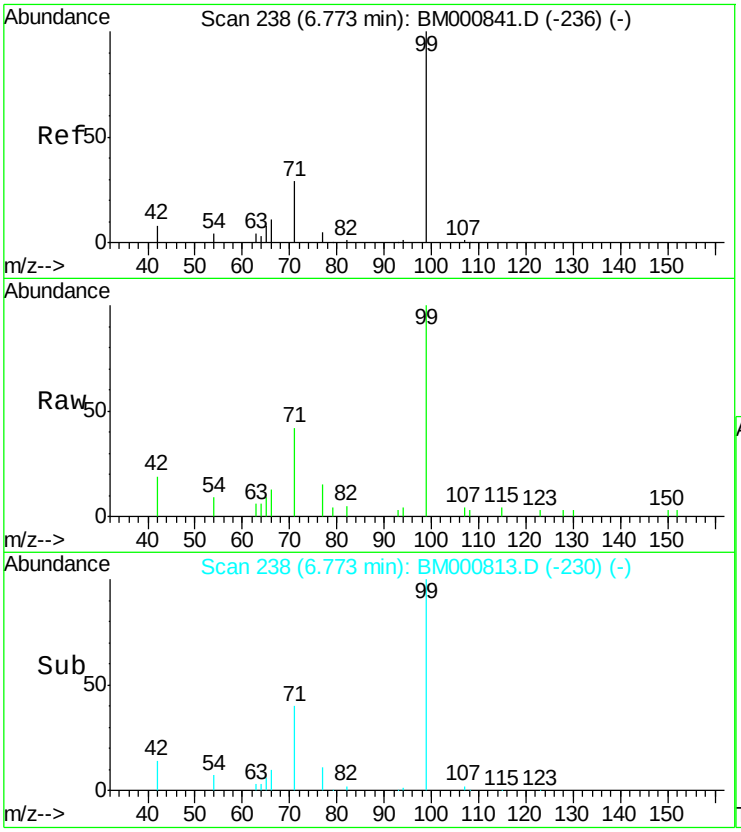


#4
2-Fluorophenol
Concen: 0.50 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:112 Resp: 3365

Ion	Ratio	Lower	Upper
112	100		
64	54.3	40.3	60.5
63	27.2	19.0	28.4



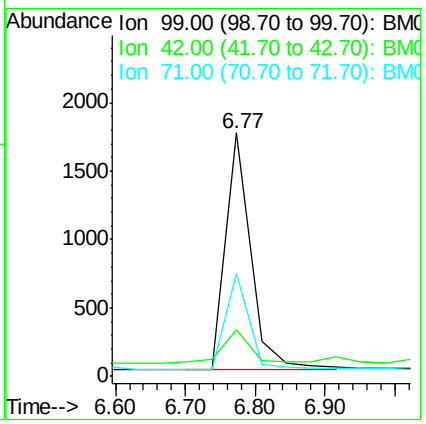


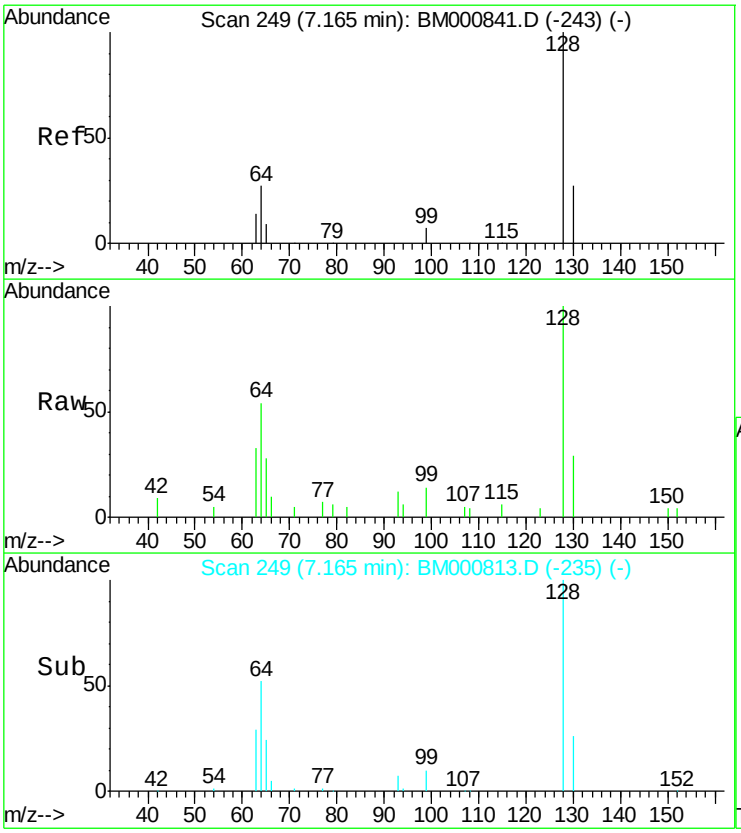
#5
Phenol-d6
Concen: 0.46 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 4333

Ion	Ratio	Lower	Upper
99	100		
42	19.0	10.2	15.4#
71	42.1	28.6	43.0

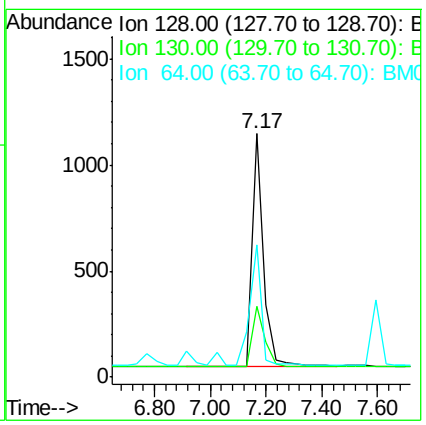


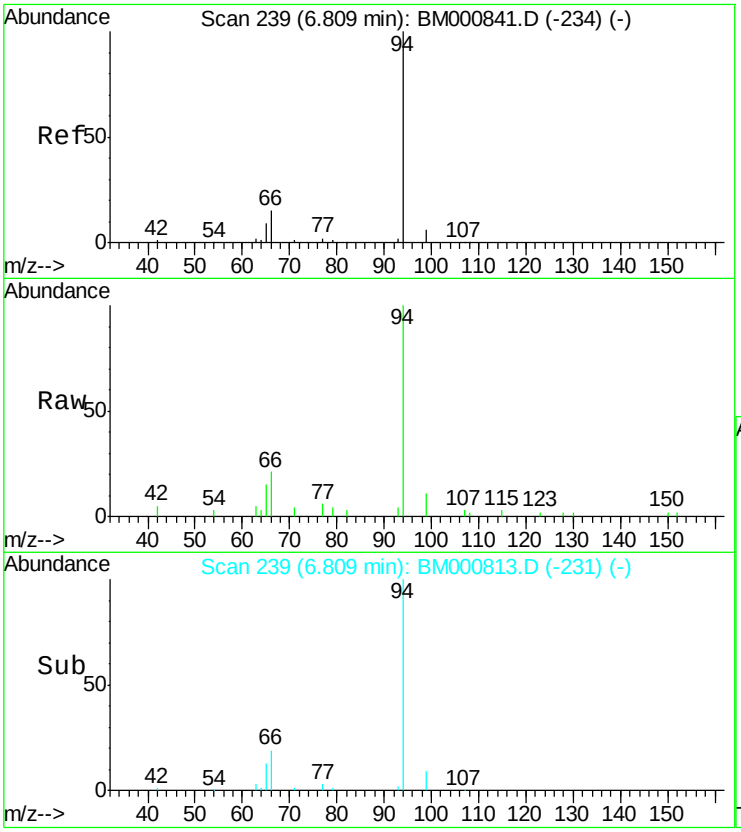


#6
2-Chlorophenol
Concen: 0.47 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:128 Resp: 3153

Ion	Ratio	Lower	Upper
128	100		
130	29.0	7.6	47.6
64	54.3	23.1	63.1



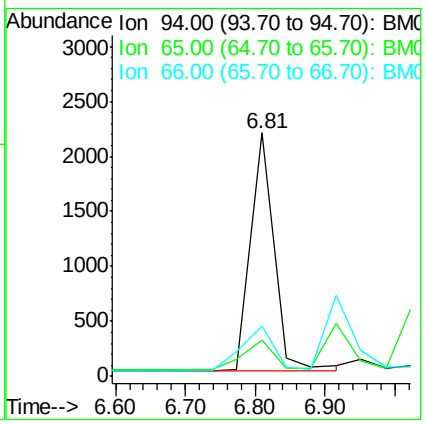


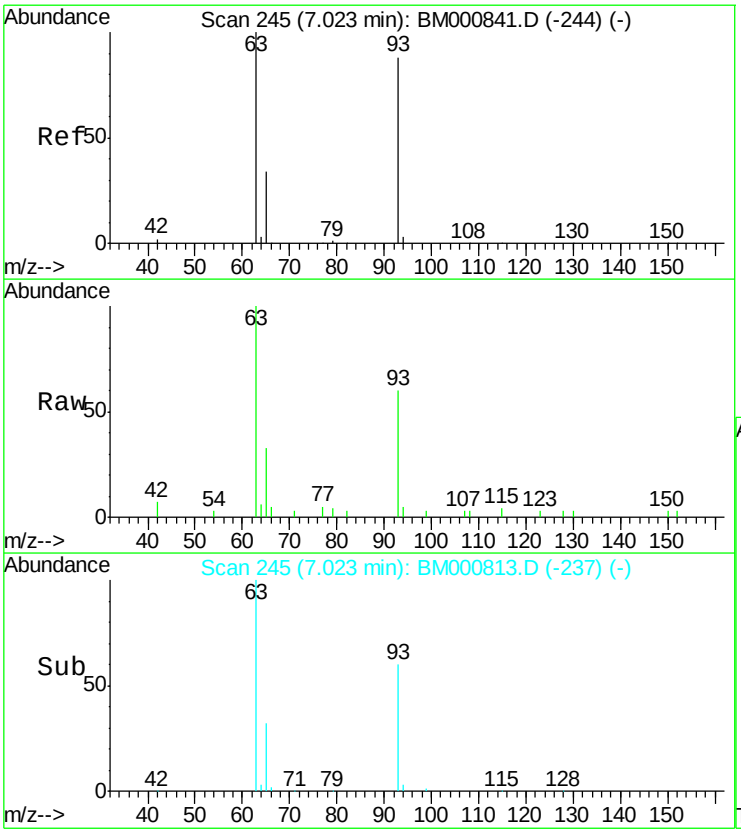
#7
Phenol
Concen: 0.50 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 94 Resp: 5087

Ion	Ratio	Lower	Upper
94	100		
65	14.9	0.0	32.0
66	20.9	0.0	37.6

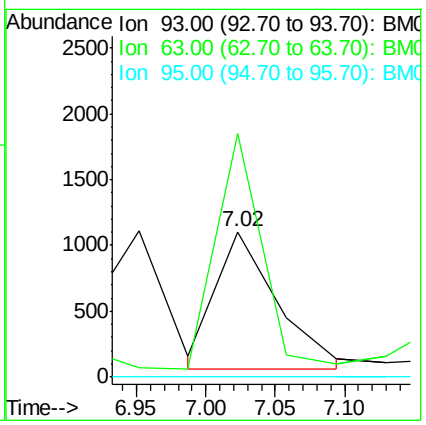


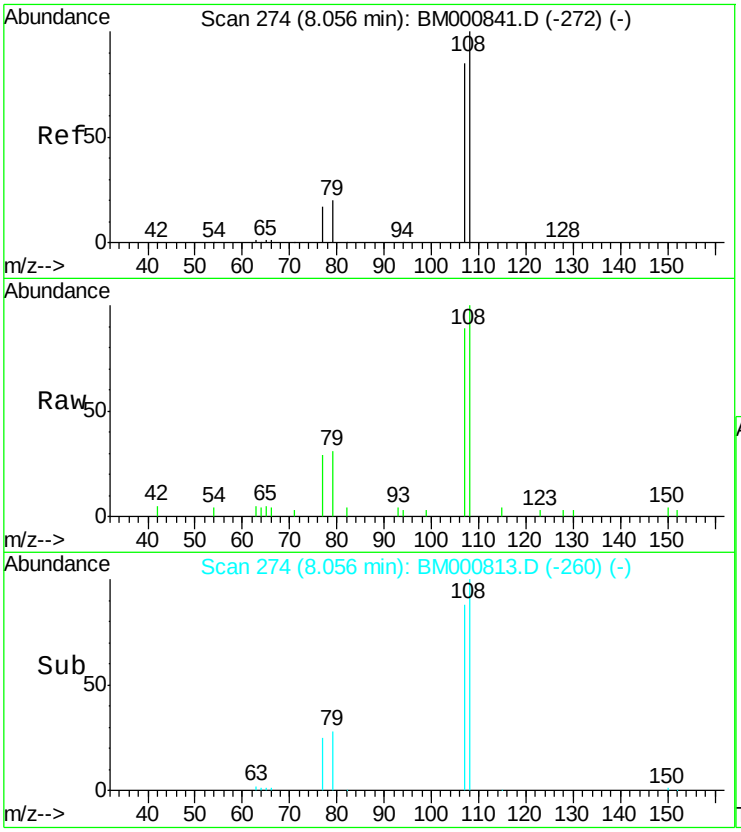


#8
bis(2-Chloroethyl)ether
Concen: 0.46 ng m
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion: 93 Resp: 3226

Ion	Ratio	Lower	Upper
93	100		
63	167.4	118.9	158.9#
95	0.0	0.0	20.0



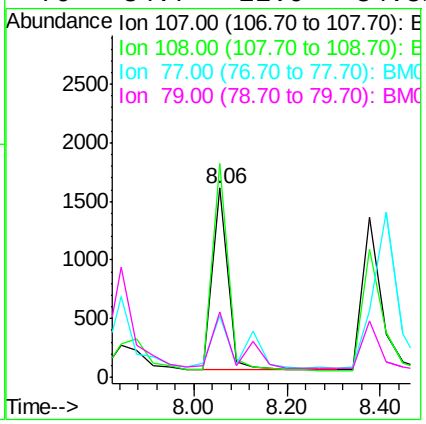


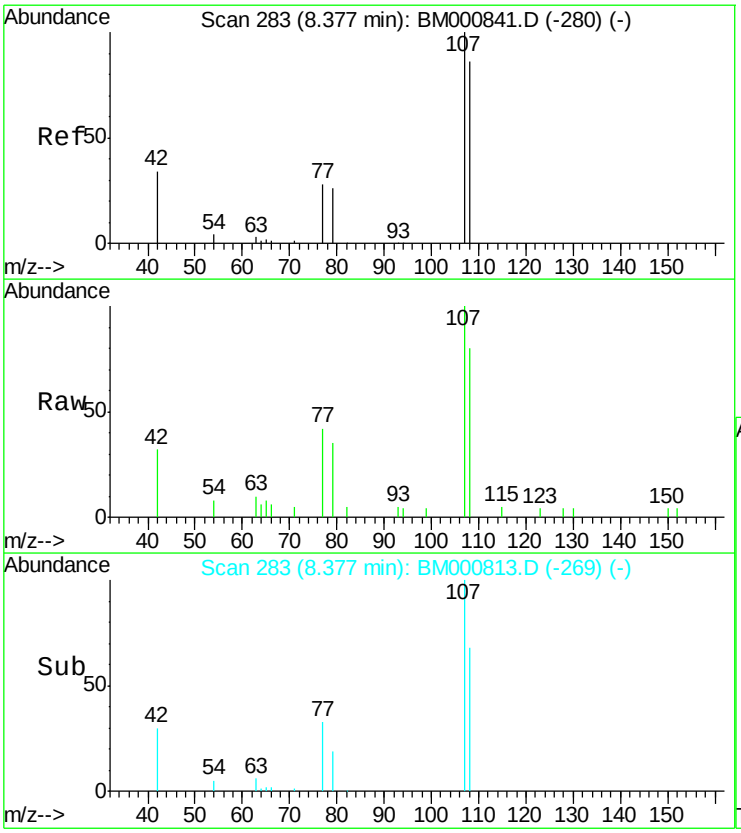
#9
2-Methylphenol
Concen: 0.49 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:107 Resp: 3578

Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.0	138.0
77	32.2	20.6	31.0#
79	34.7	22.9	34.3#

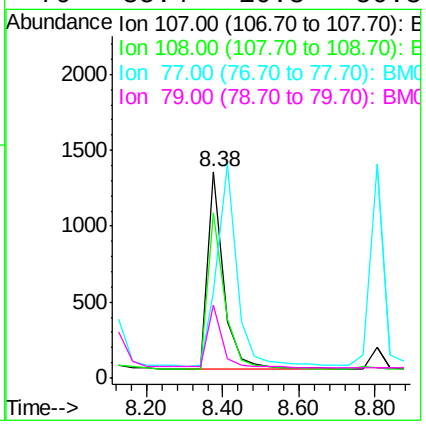


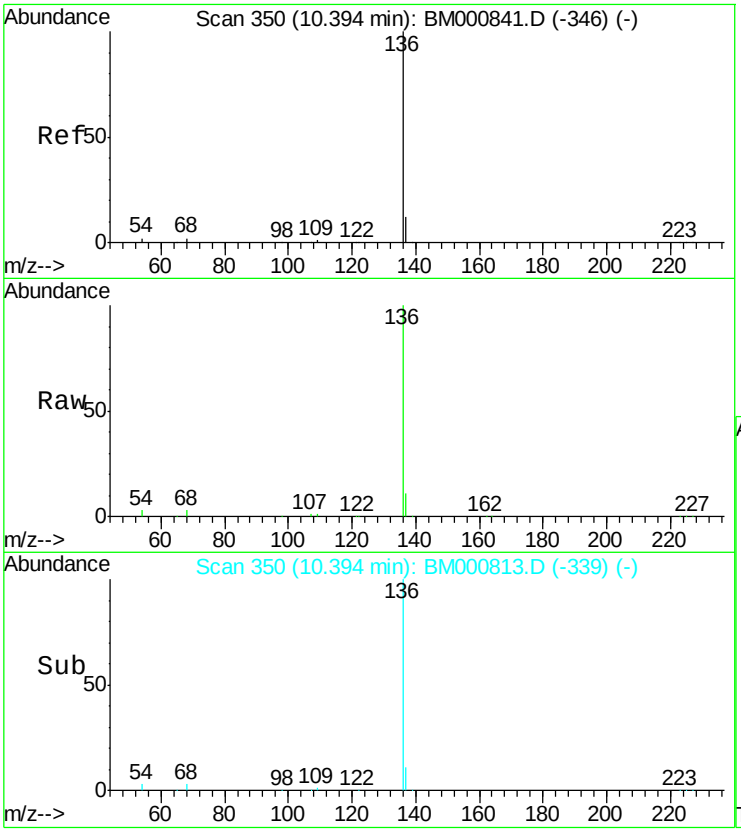


#10
3+4-Methylphenols
Concen: 0.49 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:107 Resp: 3747

Ion	Ratio	Lower	Upper
107	100		
108	80.0	62.6	102.6
77	41.6	12.8	52.8
79	35.4	10.3	50.3



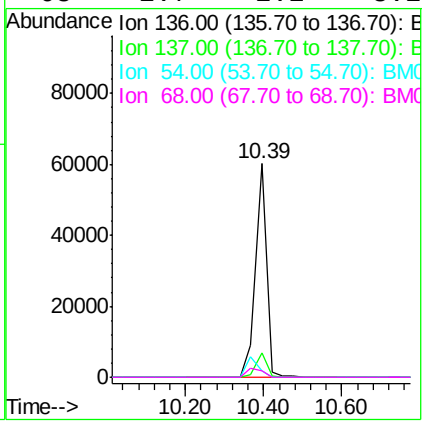


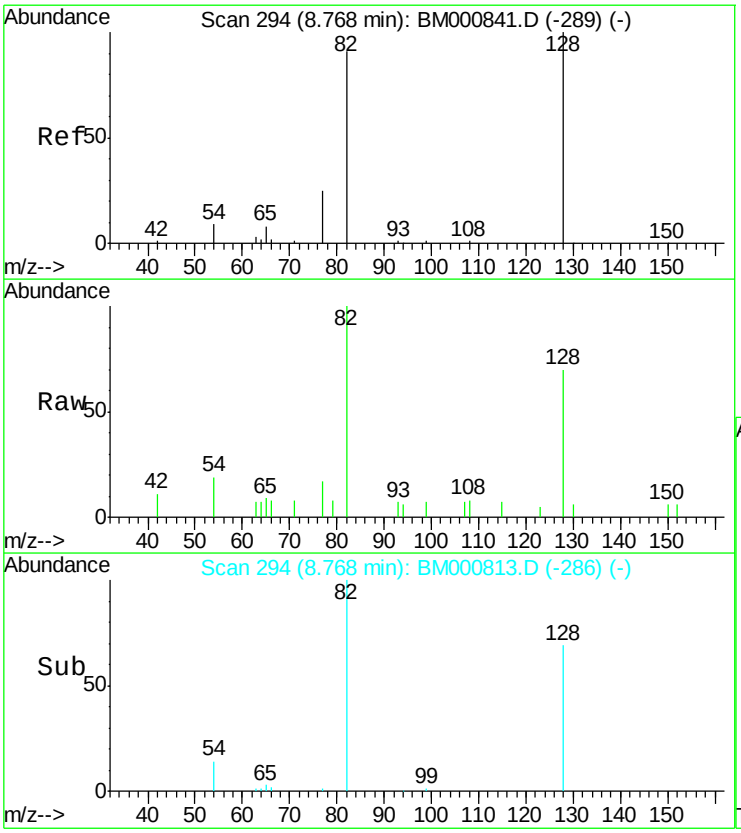
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 116308

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	2.9	2.2	3.4
68	2.7	2.2	3.2

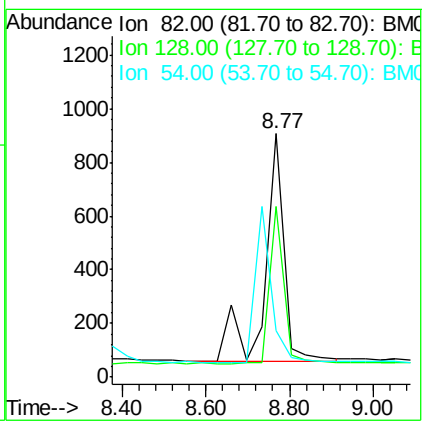


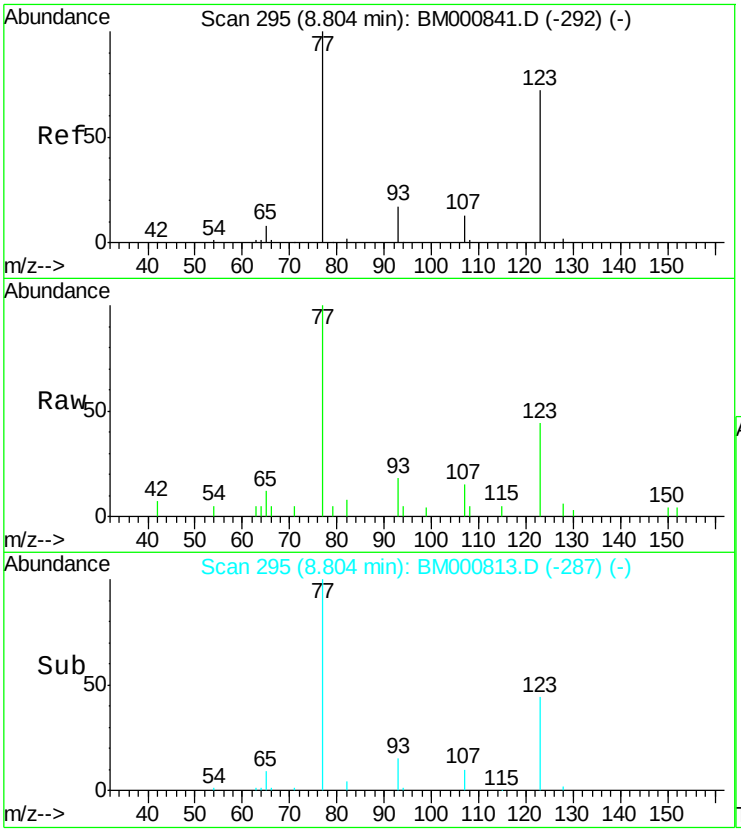


#12
Nitrobenzene-d5
Concen: 0.51 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion: 82 Resp: 2783

Ion	Ratio	Lower	Upper
82	100		
128	69.9	72.5	108.7#
54	19.3	11.8	17.8#



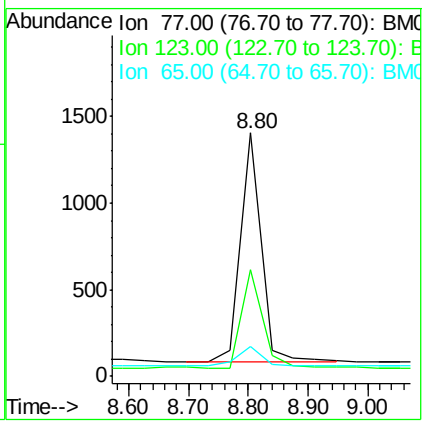


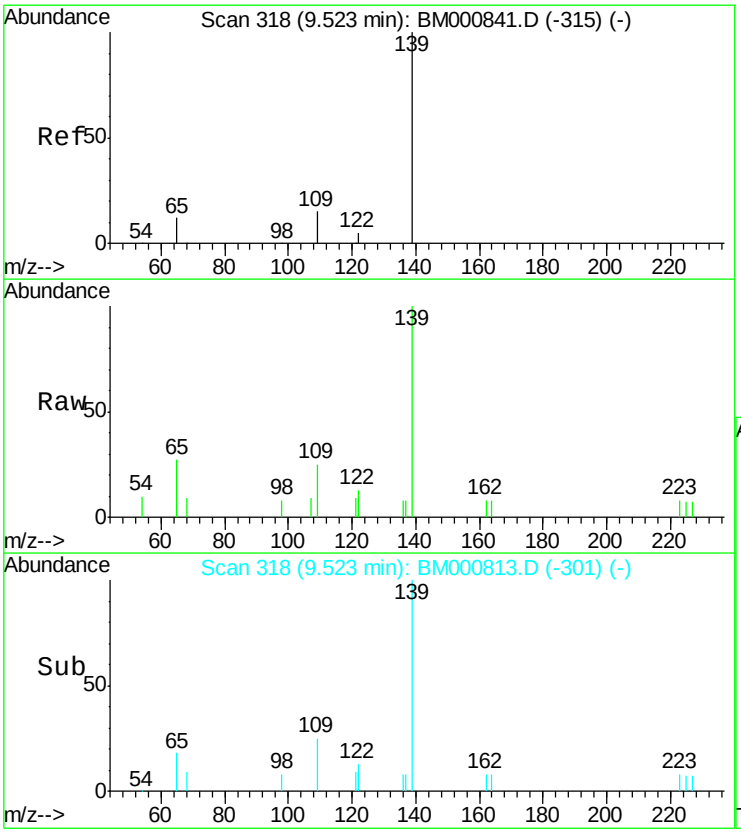
#13
Nitrobenzene
Concen: 0.50 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 3168

Ion	Ratio	Lower	Upper
77	100		
123	44.0	45.8	68.6#
65	12.4	8.2	12.4#

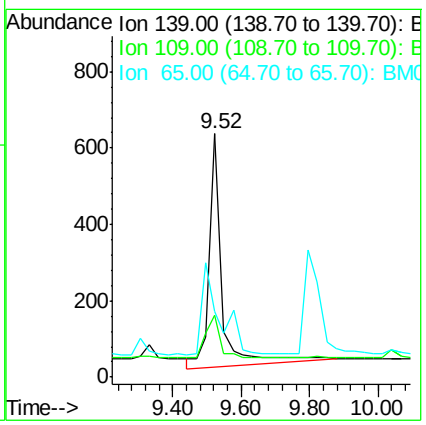


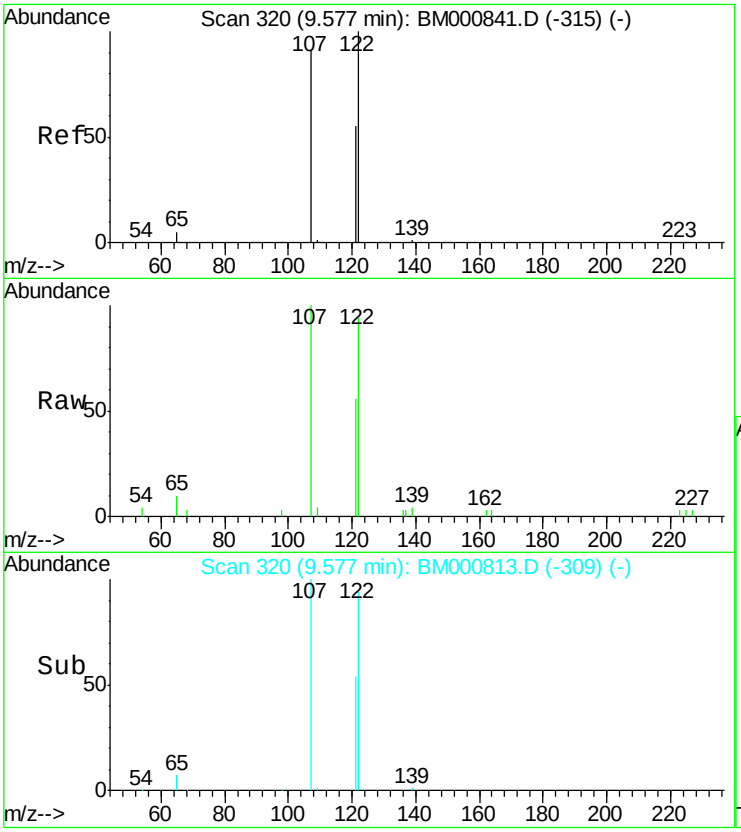


#14
2-Nitrophenol
Concen: 0.56 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:139 Resp: 1629

Ion	Ratio	Lower	Upper
139	100		
109	25.2	15.0	22.6#
65	27.1	14.2	21.4#



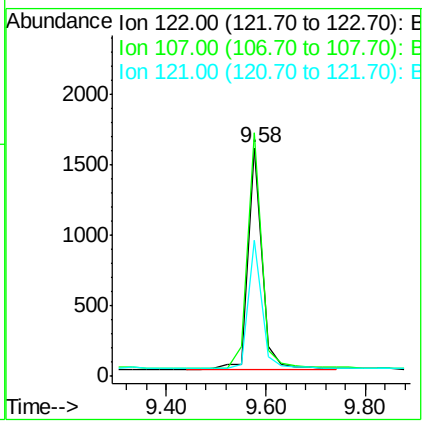


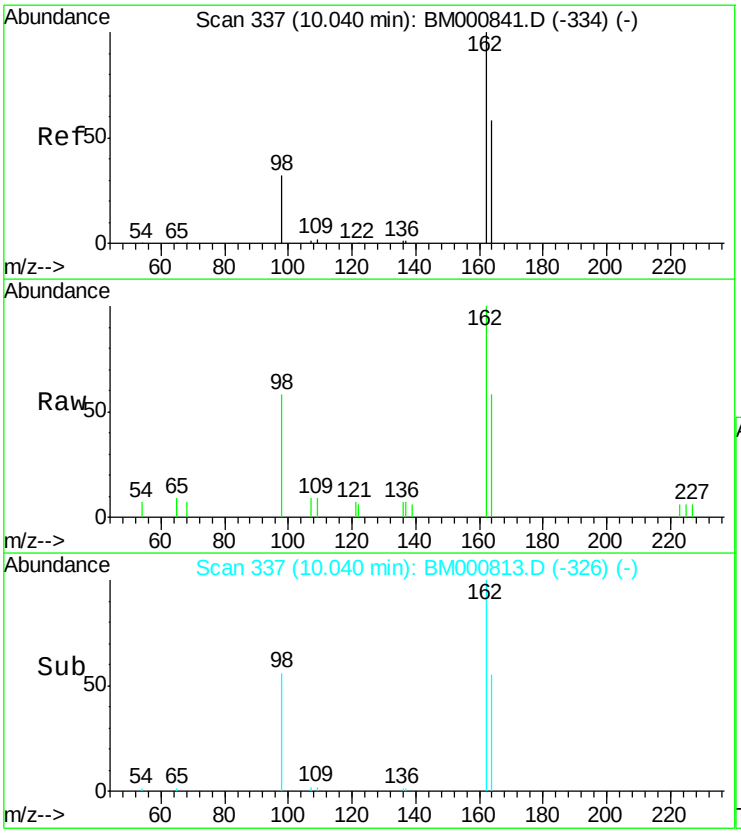
#15
2,4-Dimethylphenol
Concen: 0.48 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:122 Resp: 3132

Ion	Ratio	Lower	Upper
122	100		
107	106.4	78.2	117.4
121	59.3	45.4	68.0

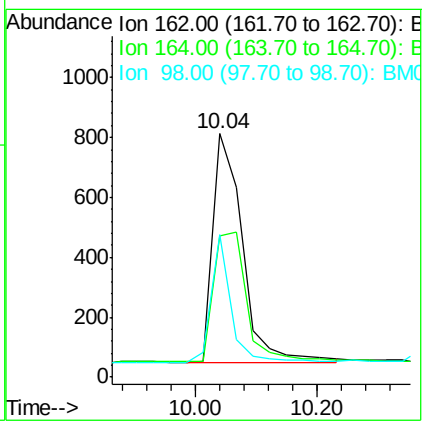


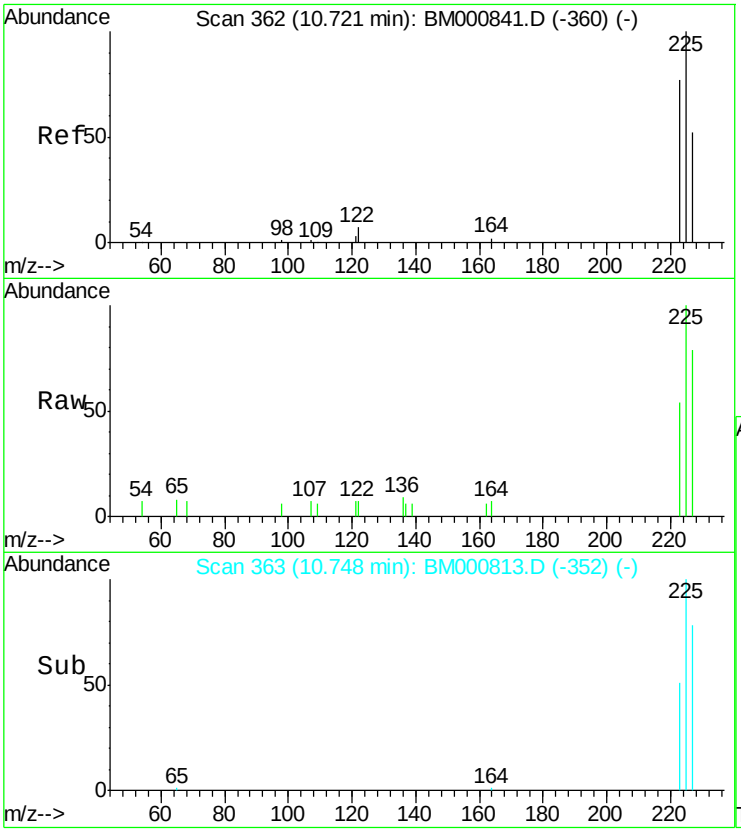


#16
2,4-Dichlorophenol
Concen: 0.44 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:162 Resp: 2572

Ion	Ratio	Lower	Upper
162	100		
164	57.8	37.1	77.1
98	58.3	19.5	59.5



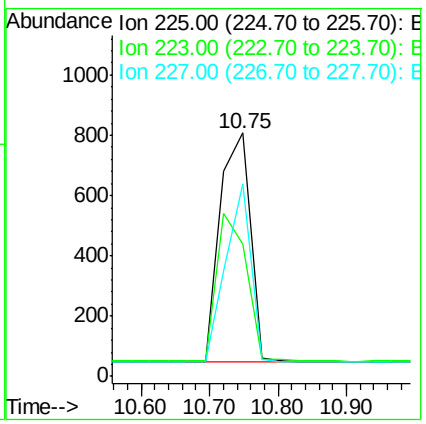


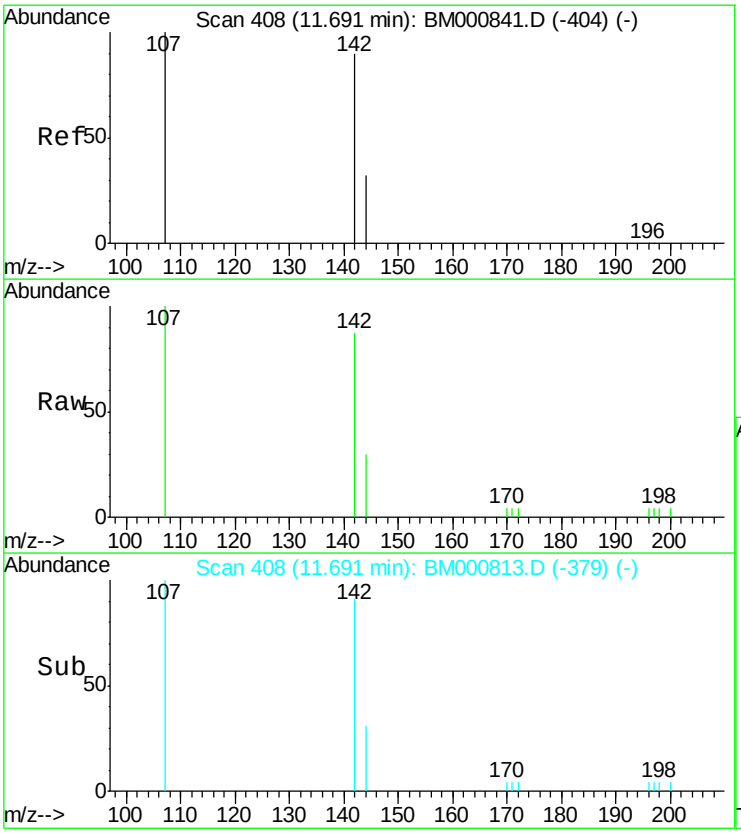
#17
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:225 Resp: 2299

Ion	Ratio	Lower	Upper
225	100		
223	54.5	40.8	61.2
227	78.8	62.8	94.2

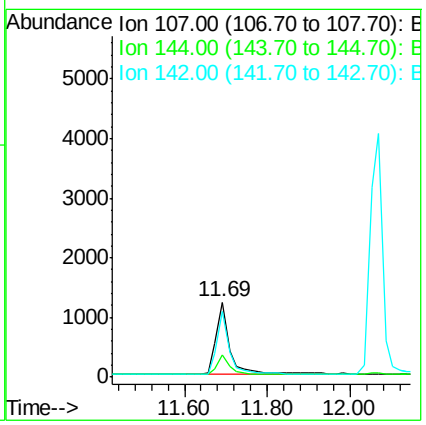


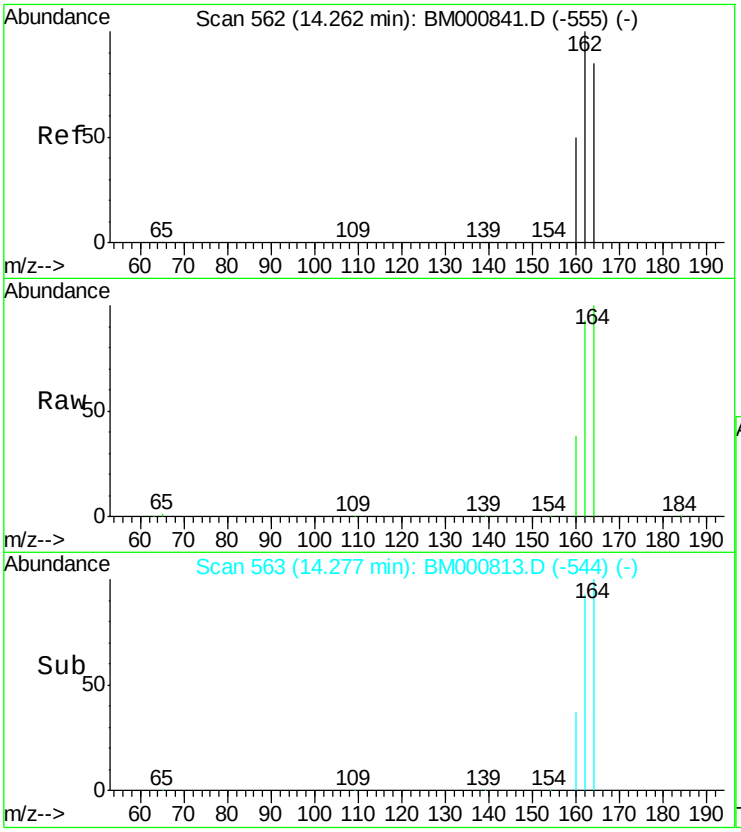


#18
4-Chloro-3-methylphenol
Concen: 0.45 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:107 Resp: 2641

Ion	Ratio	Lower	Upper
107	100		
144	30.1	25.8	38.8
142	87.2	71.3	106.9



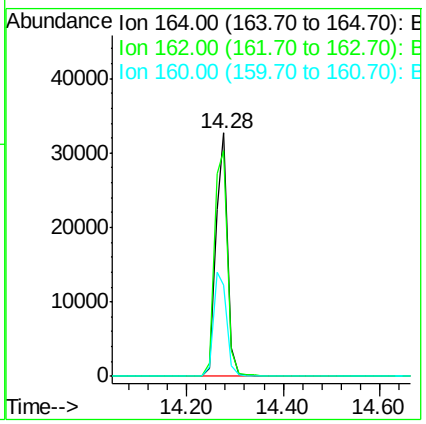


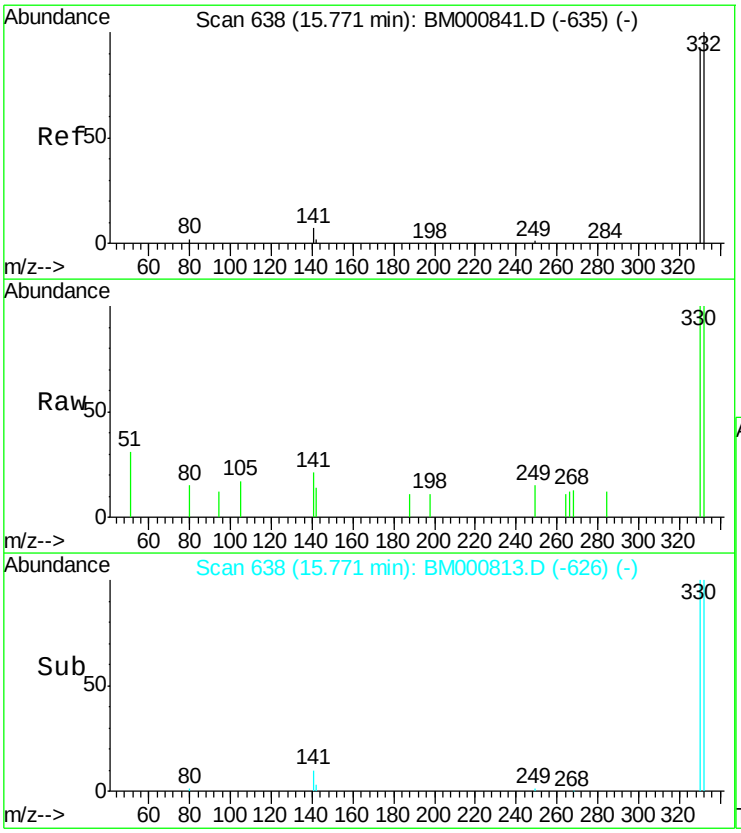
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 56297

Ion	Ratio	Lower	Upper
164	100		
162	93.0	74.2	111.2
160	37.6	30.4	45.6

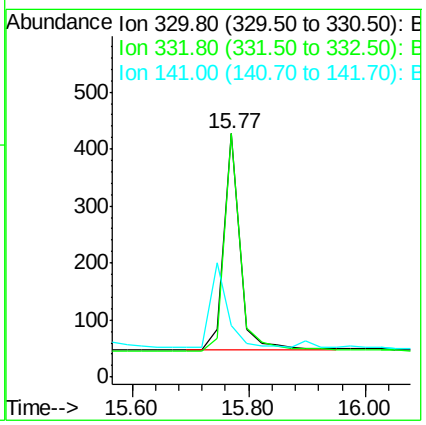


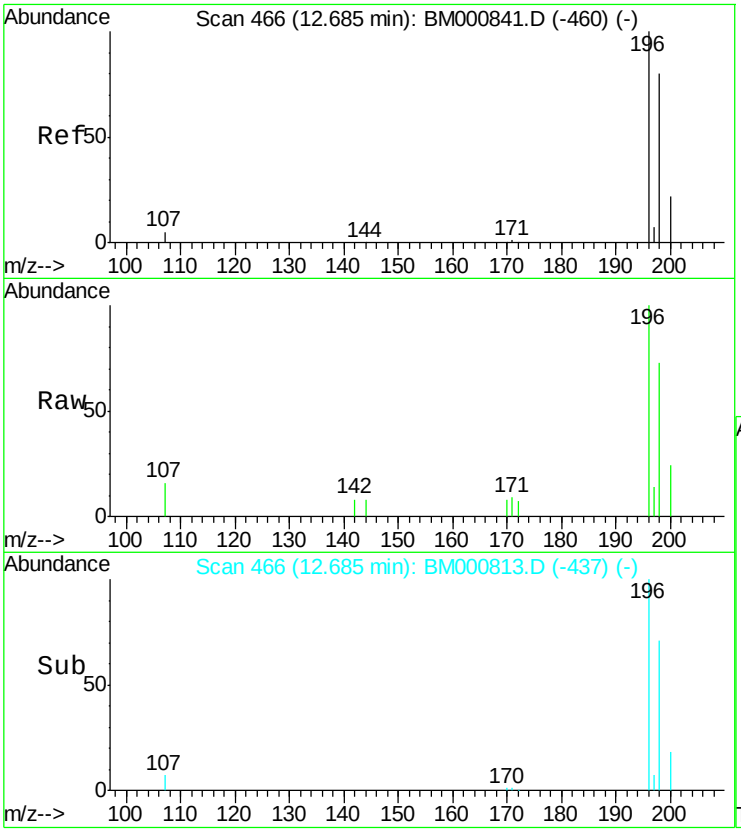


#20
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:330 Resp: 750

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.7	118.1
141	0.0	0.0	0.0



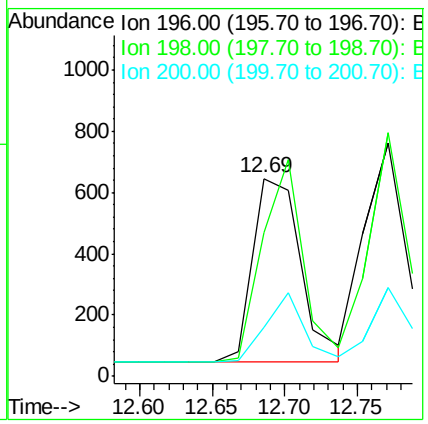


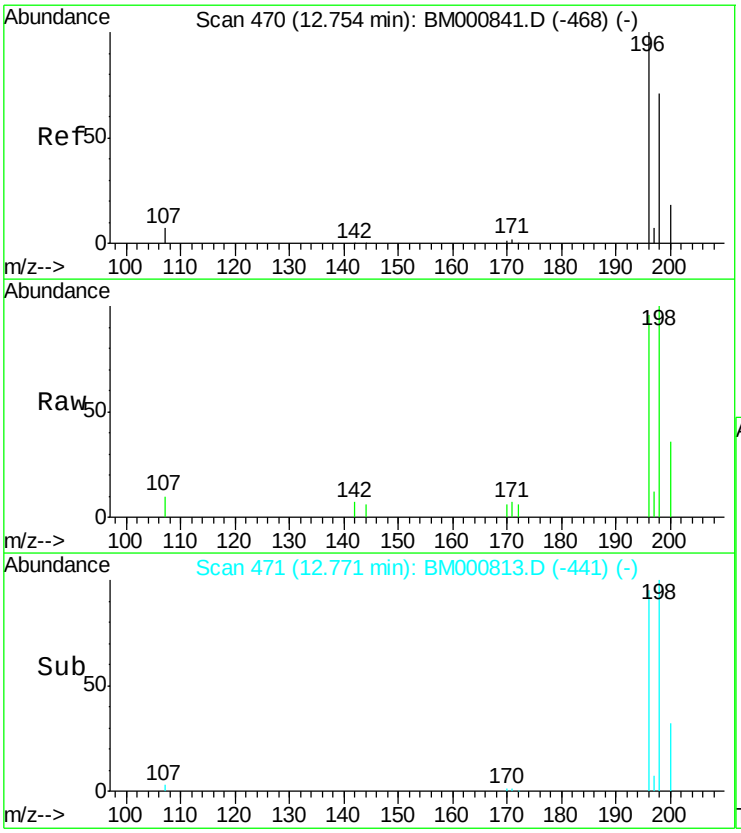
#21
2,4,6-Trichlorophenol
Concen: 0.46 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:196 Resp: 1384

Ion	Ratio	Lower	Upper
196	100		
198	72.6	59.5	89.3
200	24.5	17.4	26.0

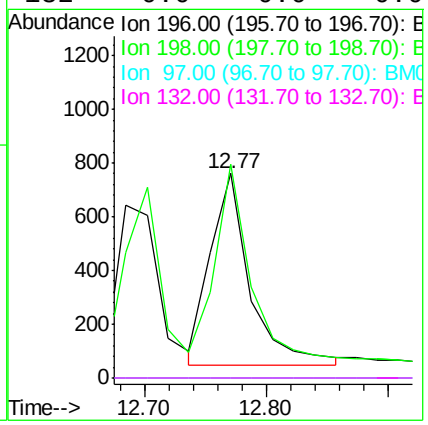


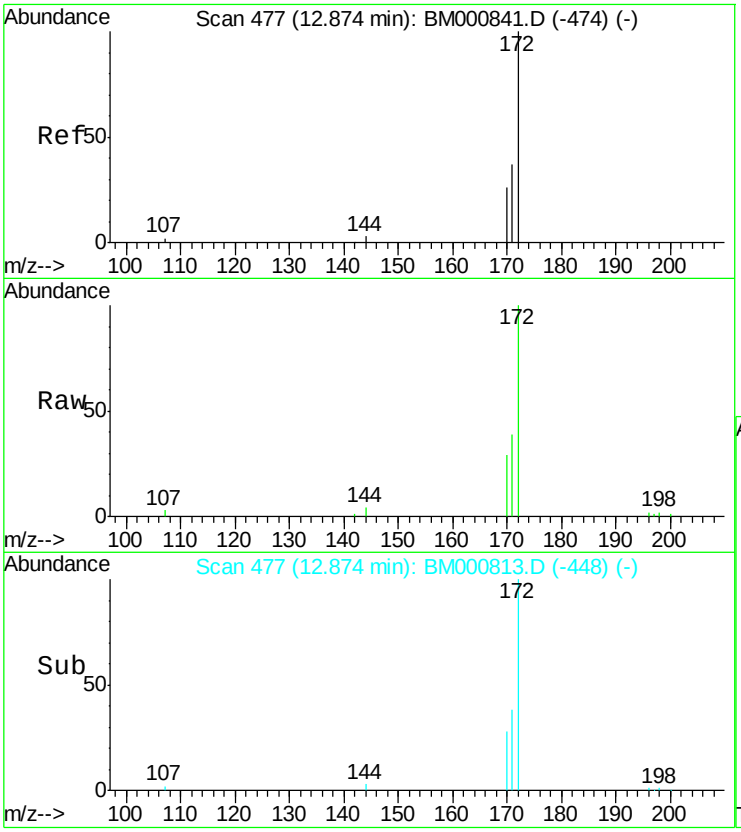


#22
2,4,5-Trichlorophenol
Concen: 0.44 ng m
RT: 12.77 min Scan# 471
Delta R.T. 0.02 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:196 Resp: 1647

Ion	Ratio	Lower	Upper
196	100		
198	104.5	57.9	86.9#
97	0.0	0.0	0.0
132	0.0	0.0	0.0



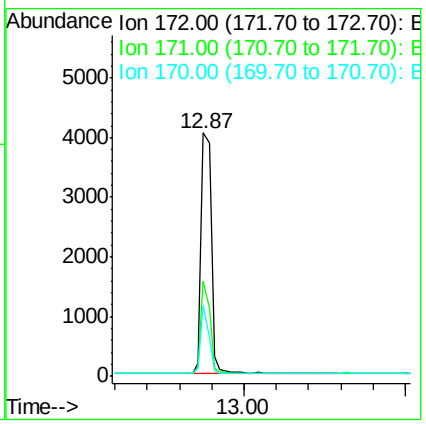


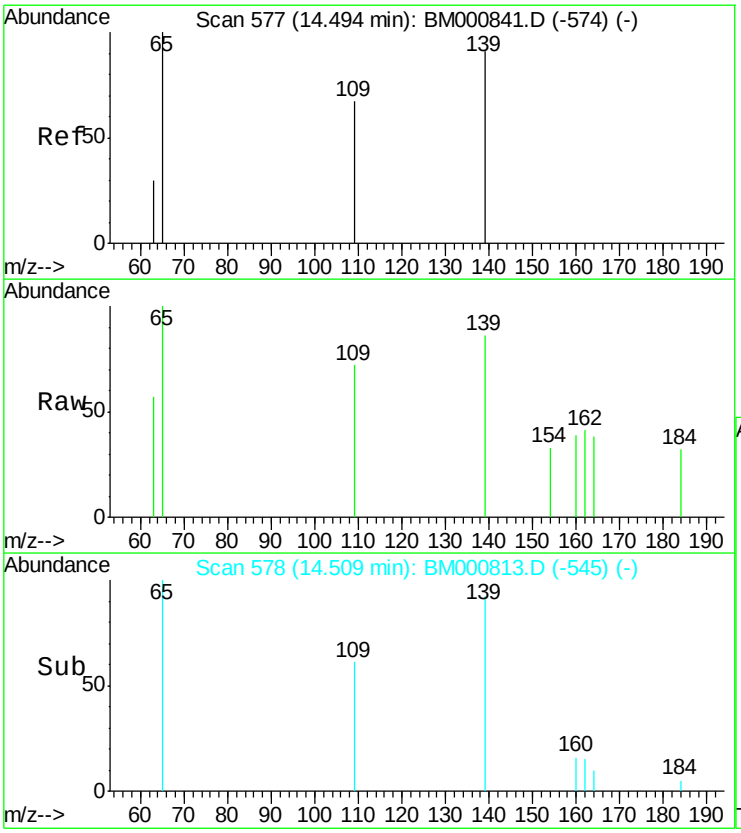
#23
2-Fluorobiphenyl
Concen: 0.51 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 8878

Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.6	46.0
170	29.3	22.2	33.2

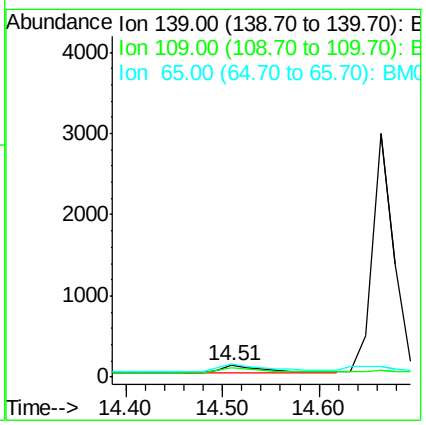


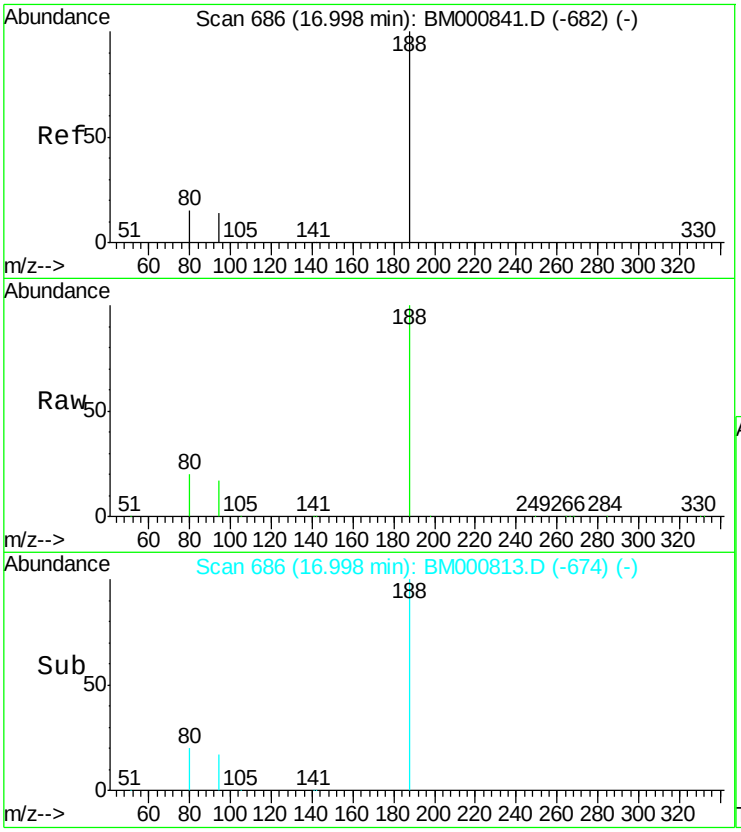


#25
4-Nitrophenol
Concen: 0.30 ng
RT: 14.51 min Scan# 578
Delta R.T. 0.02 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:139 Resp: 333

Ion	Ratio	Lower	Upper
139	100		
109	83.6	58.2	98.2
65	116.4	90.4	130.4



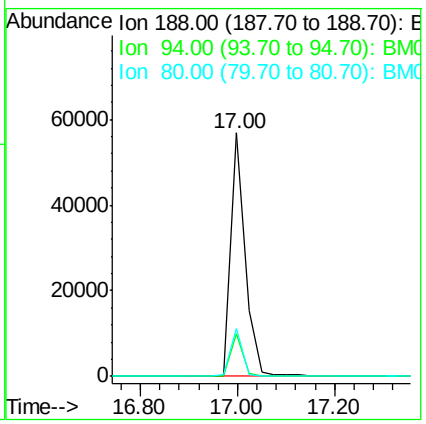


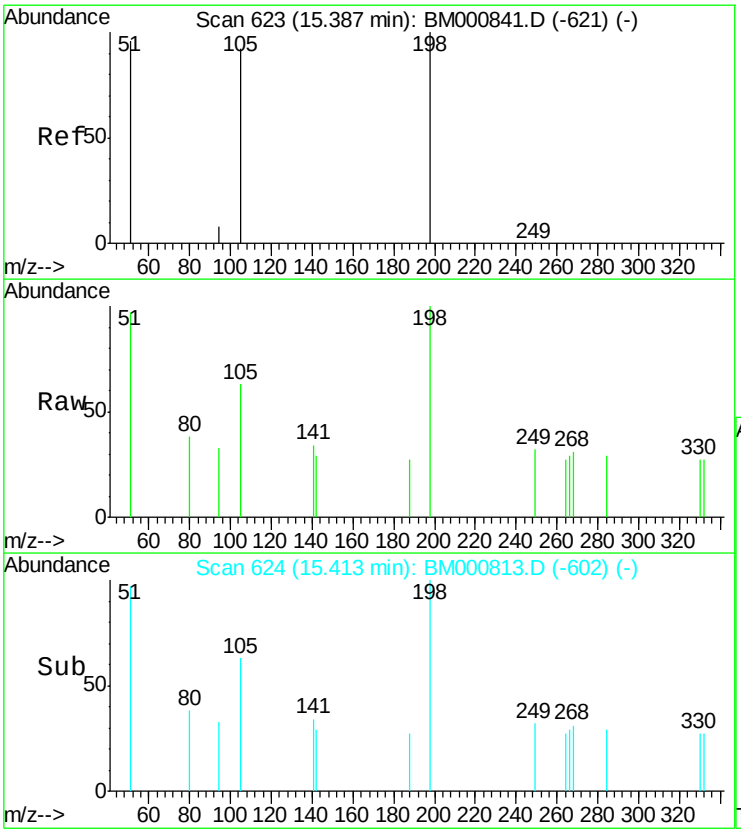
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 114194

Ion	Ratio	Lower	Upper
188	100		
94	17.3	13.0	19.6
80	19.7	14.7	22.1

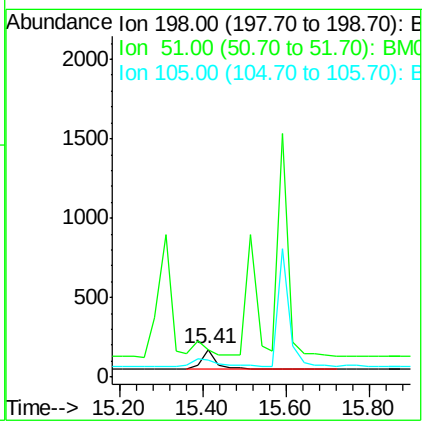


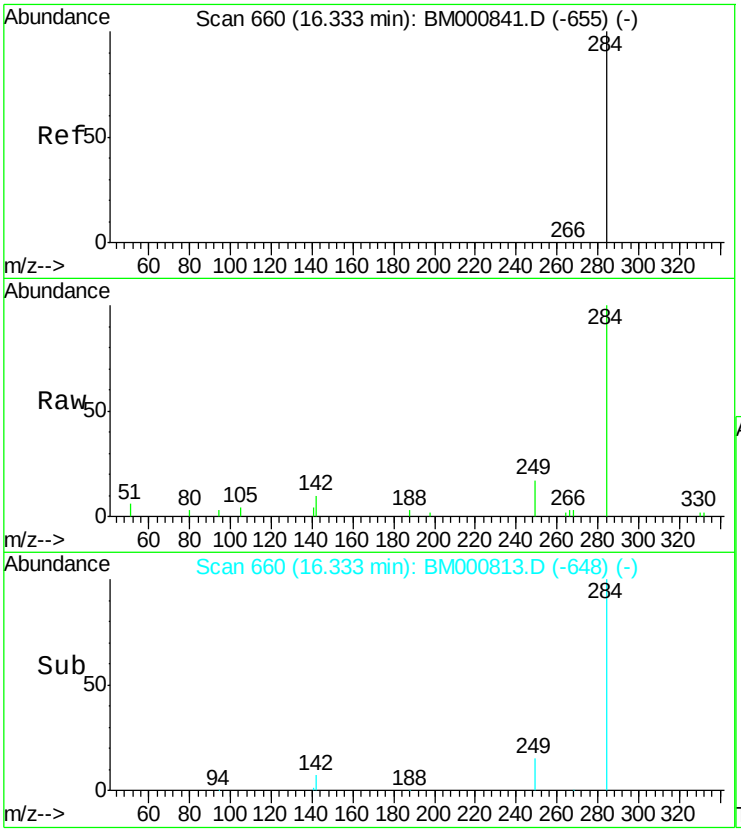


#27
4,6-Dinitro-2-methylphenol
Concen: 0.35 ng
RT: 15.41 min Scan# 624
Delta R.T. 0.03 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:198 Resp: 354

Ion	Ratio	Lower	Upper
198	100		
51	97.1	139.3	179.3#
105	63.0	88.8	128.8#



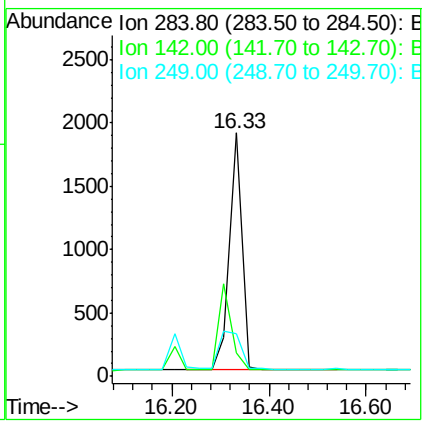


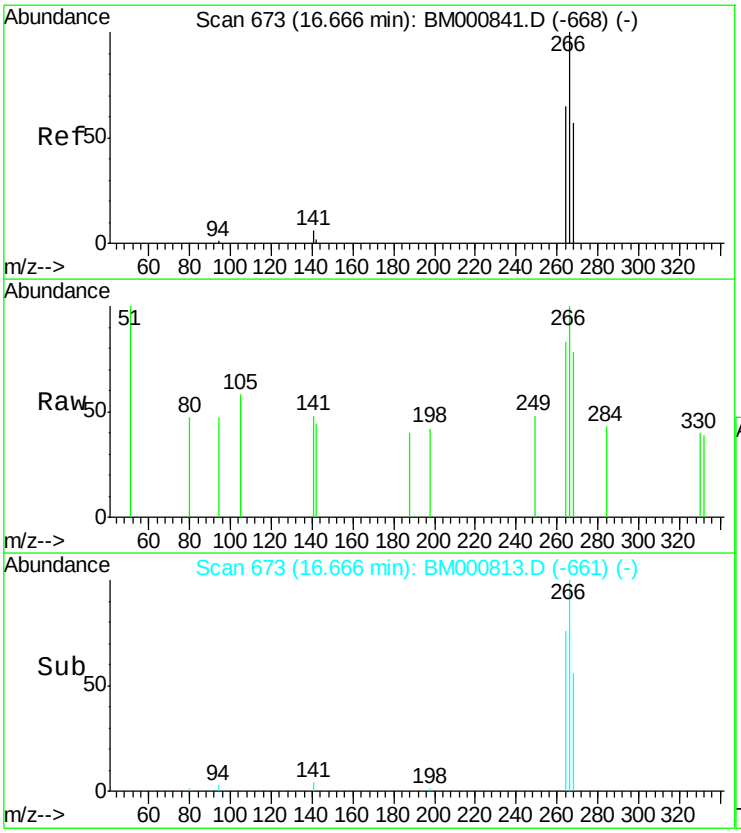
#28
Hexachlorobenzene
Concen: 0.52 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:284 Resp: 3363

Ion	Ratio	Lower	Upper
284	100		
142	9.5	6.5	9.7
249	17.3	12.6	18.8

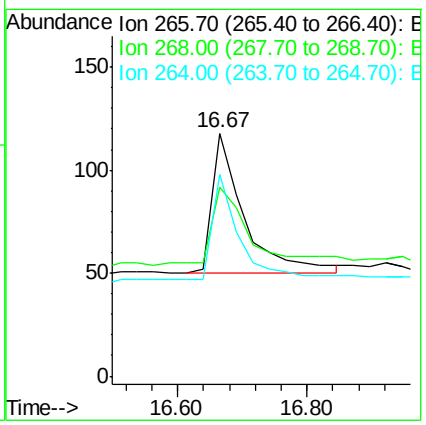


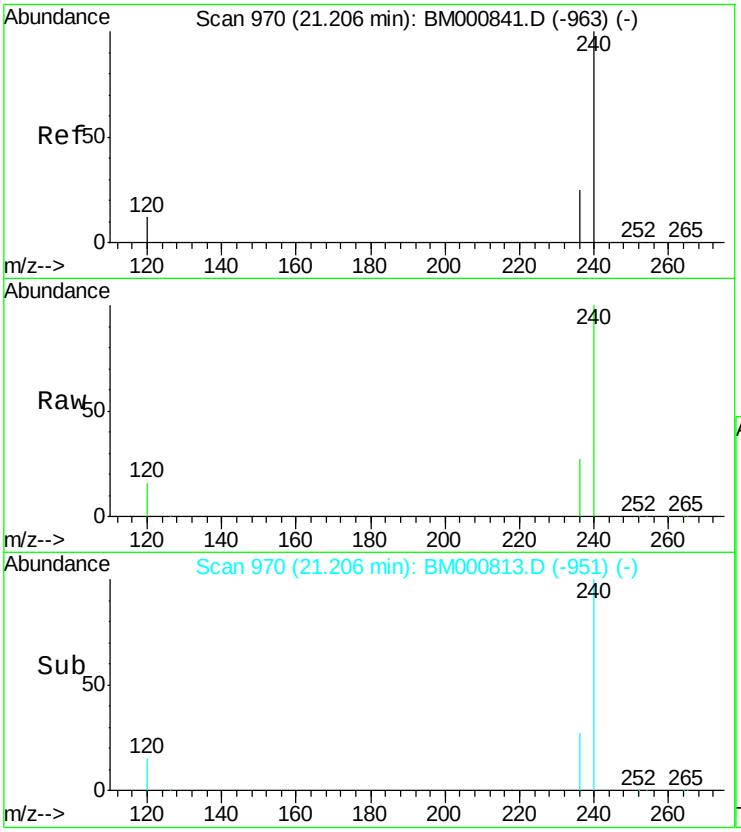


#29
Pentachlorophenol
Concen: 0.21 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:266 Resp: 233

Ion	Ratio	Lower	Upper
266	100		
268	78.0	51.4	77.0#
264	83.1	57.1	85.7



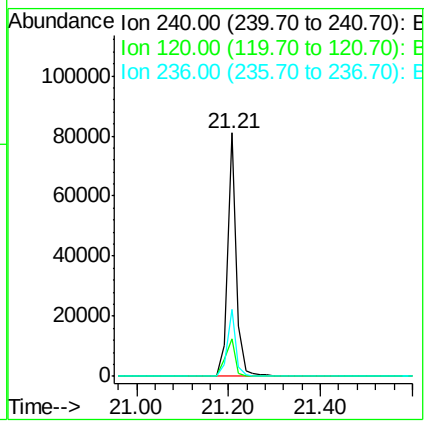


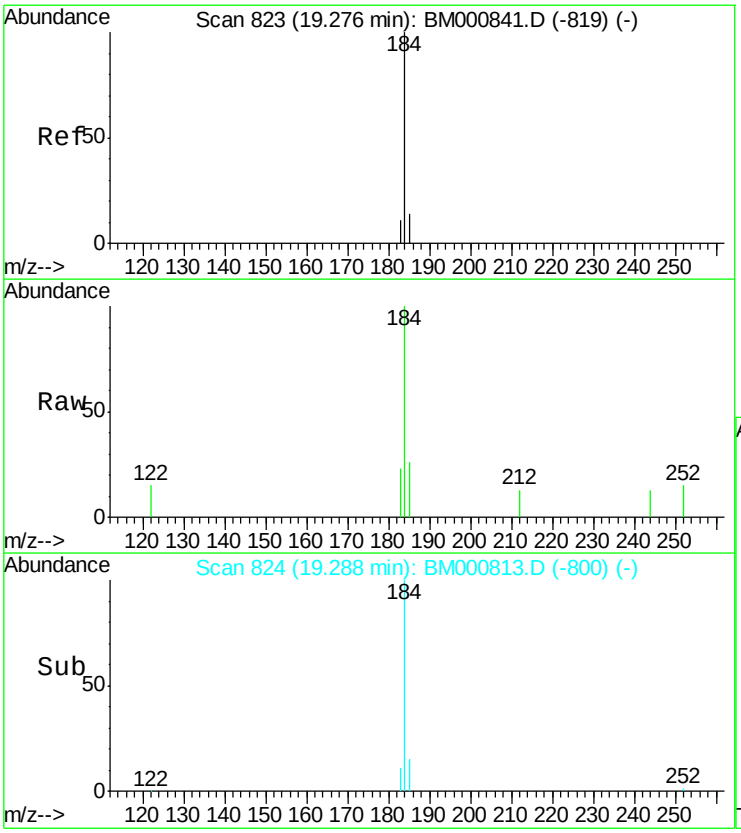
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:240 Resp: 104545

Ion	Ratio	Lower	Upper
240	100		
120	15.6	11.3	16.9
236	27.5	21.1	31.7

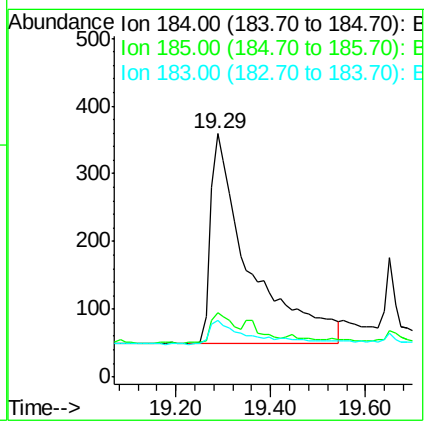


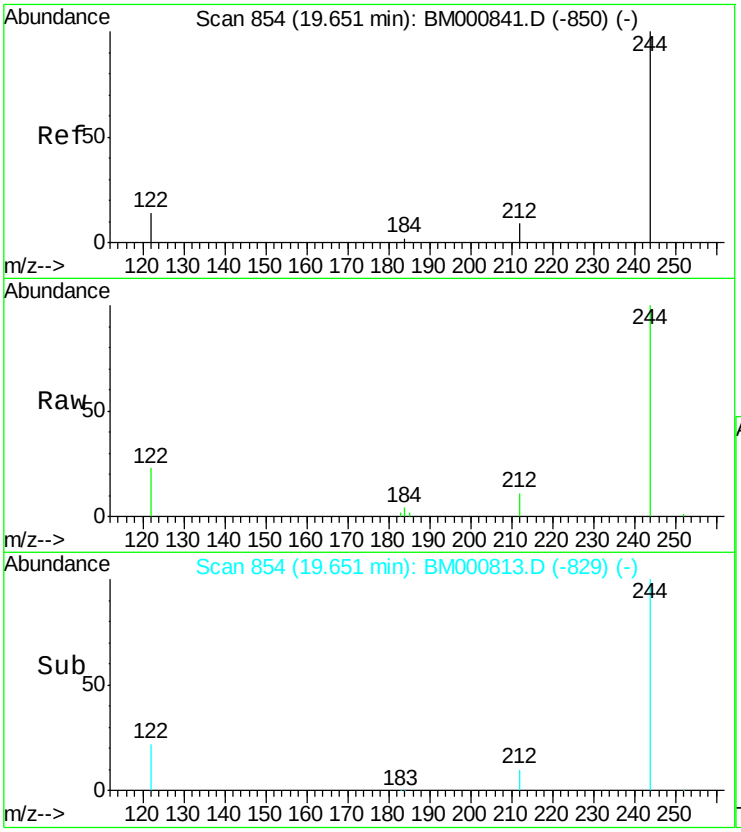


#31
Benzidine
Concen: 0.41 ng
RT: 19.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:184 Resp: 1736

Ion	Ratio	Lower	Upper
184	100		
185	26.5	39.1	58.7#
183	23.1	36.1	54.1#



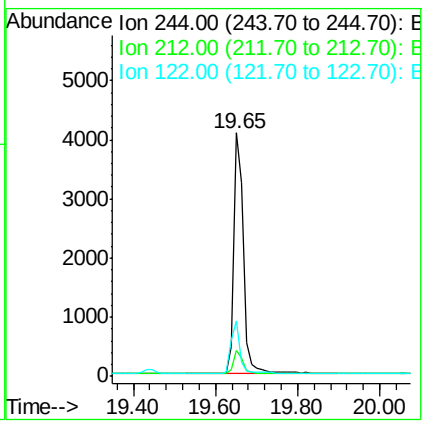


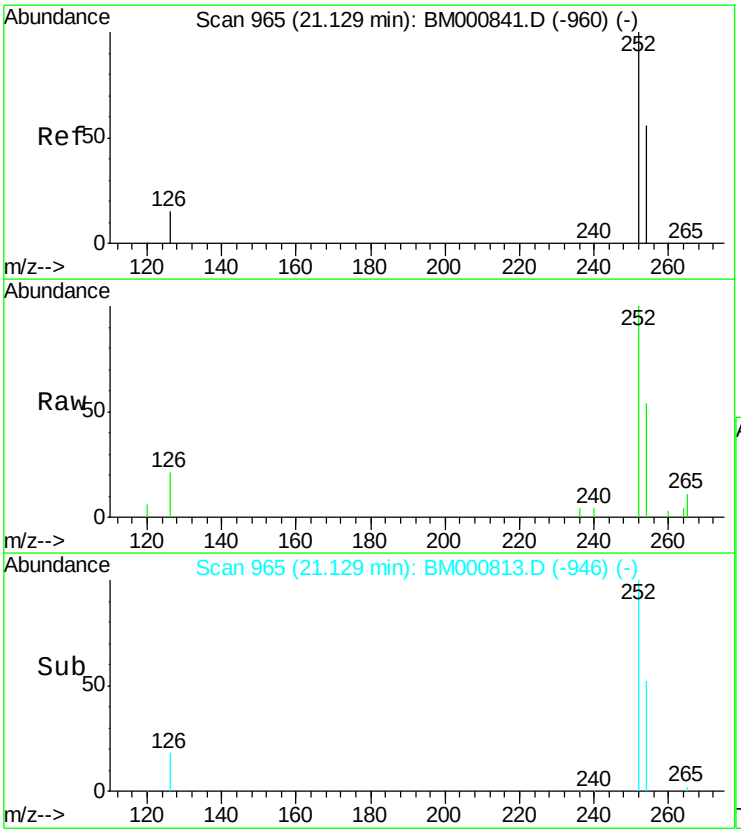
#32
Terphenyl-d14
Concen: 0.51 ng
RT: 19.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 6445

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.0	12.0
122	22.7	14.7	22.1#

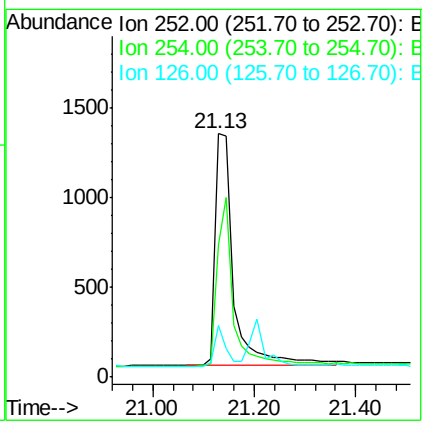


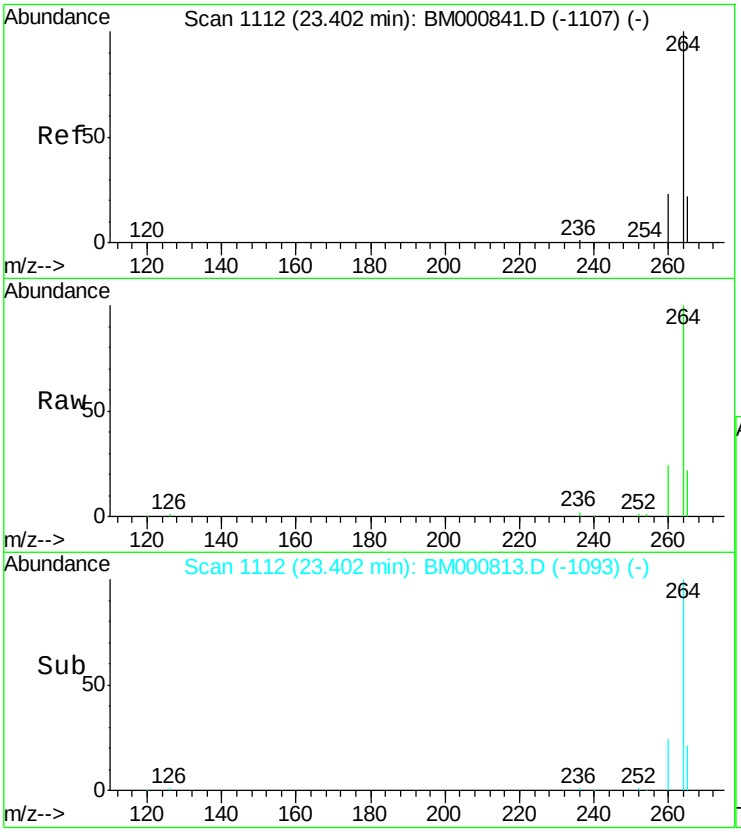


#33
3,3'-Dichlorobenzidine
Concen: 0.48 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM000813.D
Acq: 02 Apr 2015 19:09

Tgt Ion:252 Resp: 3367

Ion	Ratio	Lower	Upper
252	100		
254	54.3	44.5	66.7
126	21.4	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: BM000813.D
Acq: 02 Apr 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 95716

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.0	17.5	26.3