Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000819.D
Acq On : 02 Apr 2015 22:44
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM040315

Quant Time: Apr 03 18:28:18 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	27611	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	127534	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	62543	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	124983	5.00	ng		0.00
30) Chrysene-d12	21.21	240	120032	5.00	ng		0.00
34) Perylene-d12	23.40	264	107252	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	7924	1.04	ng		0.00
5) Phenol-d6	6.77	99	11263	1.00	ng		0.00
12) Nitrobenzene-d5	8.77	82	5912	0.99	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	2071	0.95	ng		0.00
23) 2-Fluorobiphenyl	12.87	172	20091	1.04	ng		0.00
32) Terphenyl-d14	19.65	244	15045	1.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	3670	0.98	ng		94
3) n-Nitrosodimethylamine	3.43	42	3666	1.04	ng	#	33
6) 2-Chlorophenol	7.17	128	7843	1.00	ng		98
7) Phenol	6.81	94	11776	1.03	ng		97
8) bis(2-Chloroethyl)ether	7.02	93	7842	0.98	ng		100
9) 2-Methylphenol	8.06	107	8625	1.02	ng		99
10) 3+4-Methylphenols	8.38	107	9470	0.97	ng		99
13) Nitrobenzene	8.80	77	7221	1.04	ng		99
14) 2-Nitrophenol	9.52	139	3494	1.03	ng		98
15) 2,4-Dimethylphenol	9.58	122	7607	1.05	ng		100
16) 2,4-Dichlorophenol	10.04	162	6701	1.00	ng		99
17) Hexachlorobutadiene	10.75	225	5043	1.02	ng		100
18) 4-Chloro-3-methylphenol	11.69	107	6435	1.01	ng		98
21) 2,4,6-Trichlorophenol	12.69	196	4030	0.97	ng		100
22) 2,4,5-Trichlorophenol	12.75	196	4965	1.07	ng		99
24) 2,4-Dinitrophenol	14.40	184	277	0.45	ng		99
25) 4-Nitrophenol	14.49	139	1299	1.04	ng		98
27) 4,6-Dinitro-2-methylphenol	15.41	198	1063	0.89	ng	#	30
28) Hexachlorobenzene	16.33	284	7600	1.05	ng		100
29) Pentachlorophenol	16.67	266	1342	1.03	ng		97
31) Benzidine	19.28	184	4102	1.18	ng	#	53
33) 3,3'-Dichlorobenzidine	21.13	252	8656	0.96	ng		97

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

Quantitation Report (QT Reviewed)

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Data File : BM000819.D
Acq On : 02 Apr 2015 22:44
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Quant Time: Apr 03 18:28:18 2015
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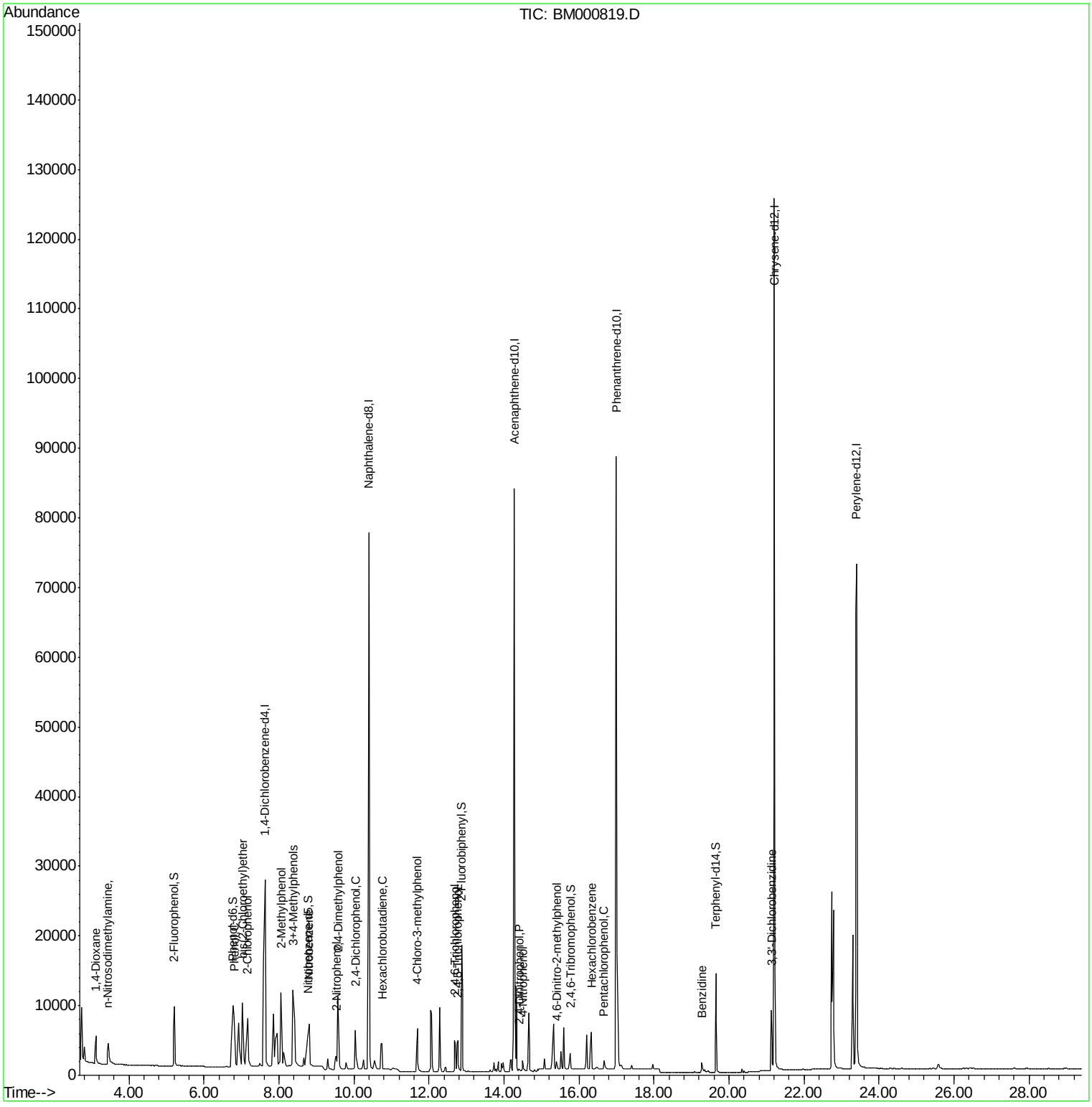
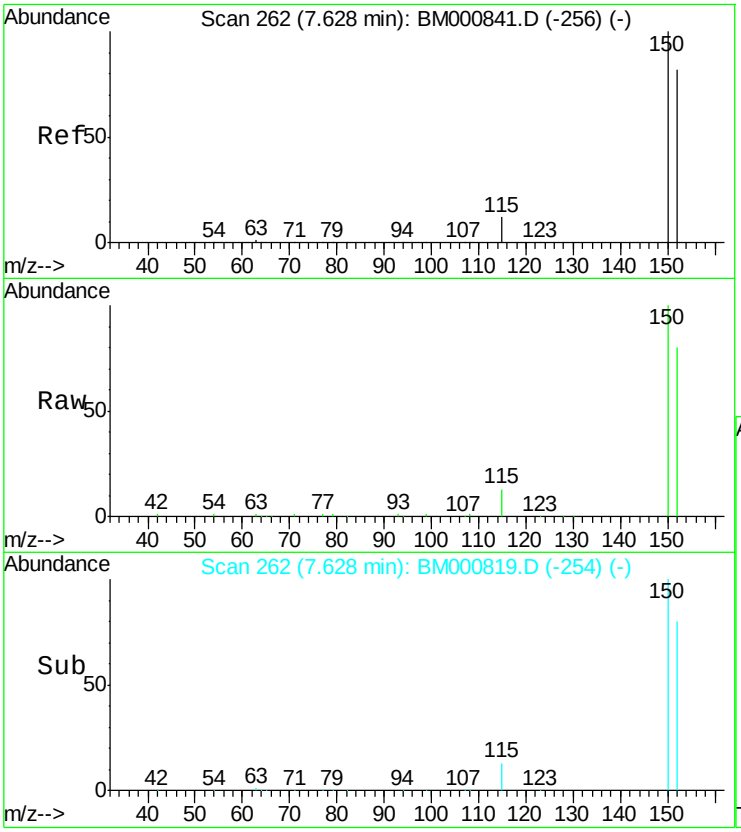
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 18:16:53 2015
Response via : Initial Calibration



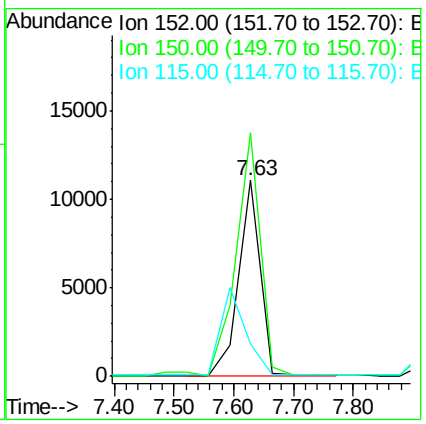


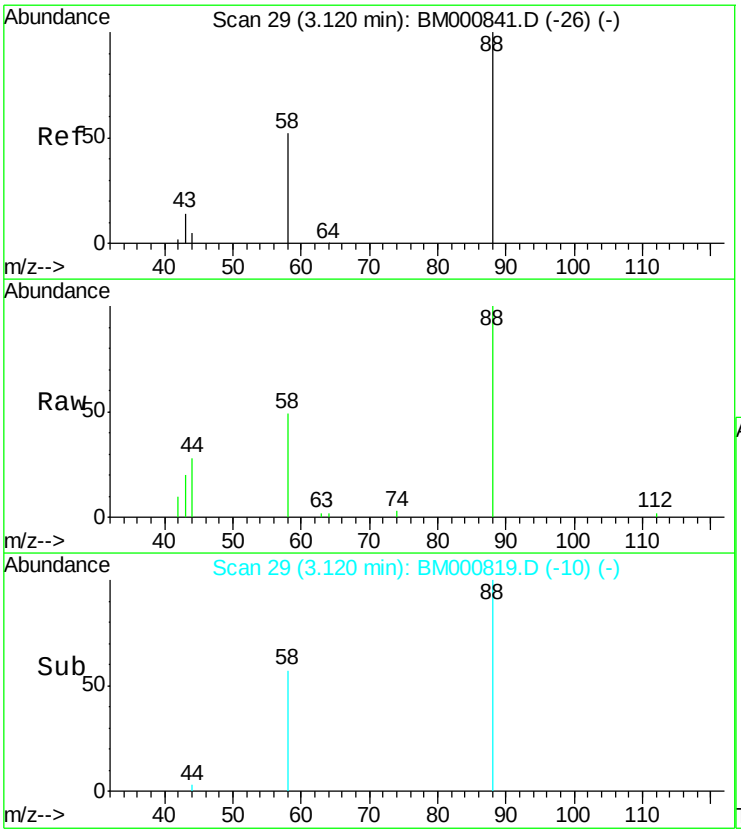
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:152 Resp: 27611

Ion	Ratio	Lower	Upper
152	100		
150	124.4	99.8	149.6
115	16.7	13.5	20.3

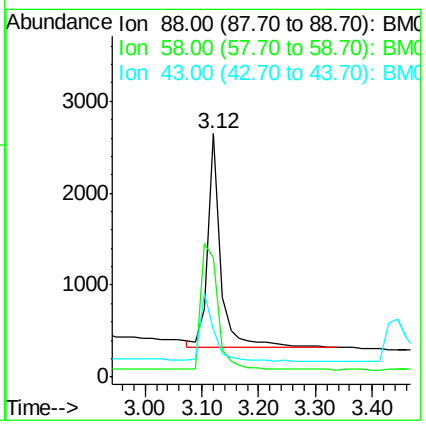


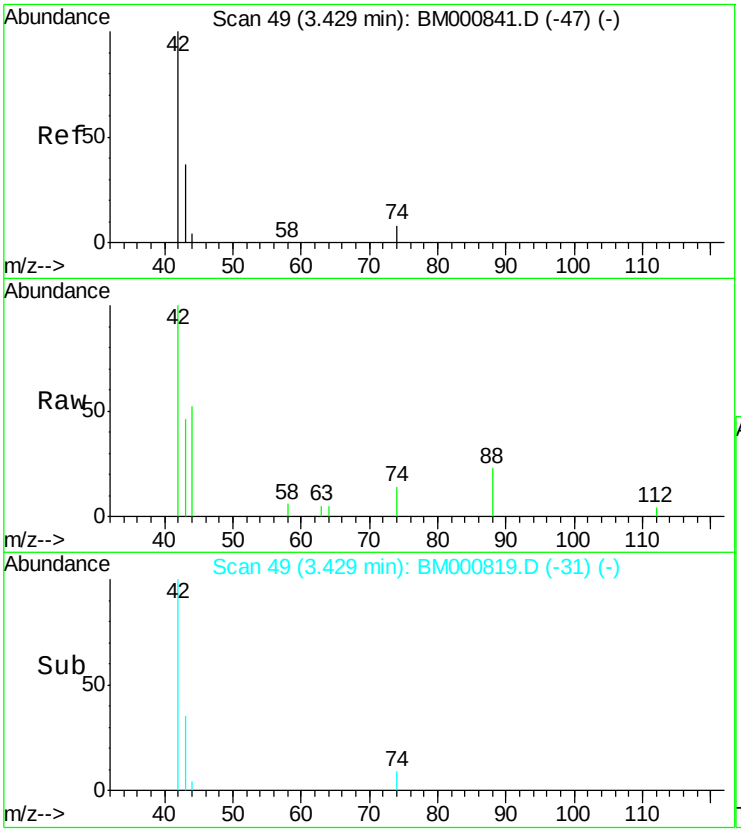


#2
1,4-Dioxane
Concen: 0.98 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion: 88 Resp: 3670

Ion	Ratio	Lower	Upper
88	100		
58	76.5	57.0	85.4
43	34.0	29.2	43.8



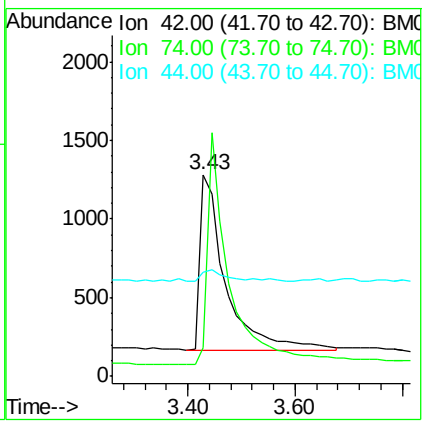


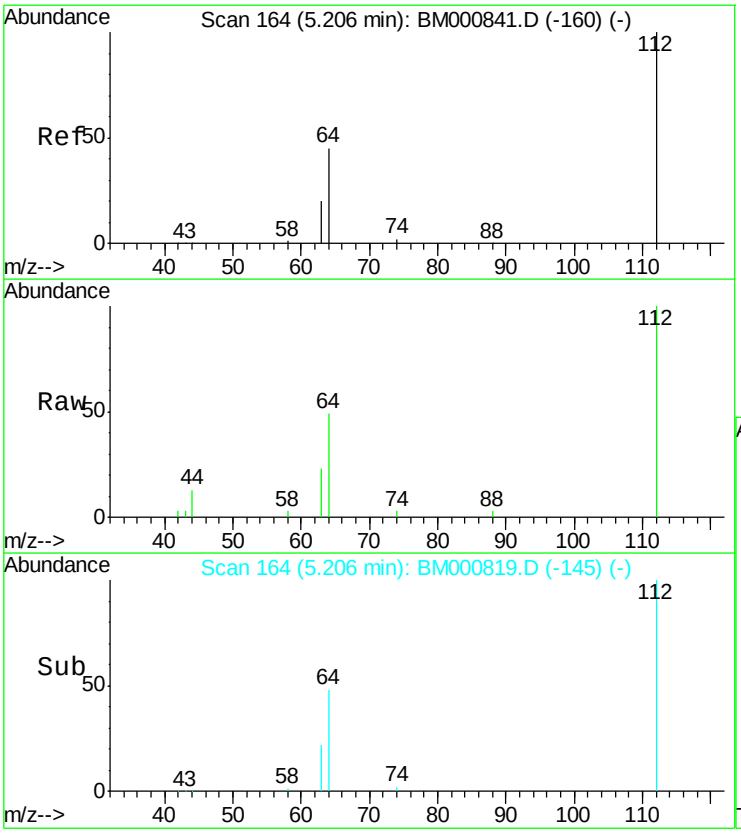
#3
n-Nitrosodimethylamine
Concen: 1.04 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.02 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion: 42 Resp: 3666

Ion	Ratio	Lower	Upper
42	100		
74	14.0	93.1	139.7#
44	51.6	56.6	85.0#

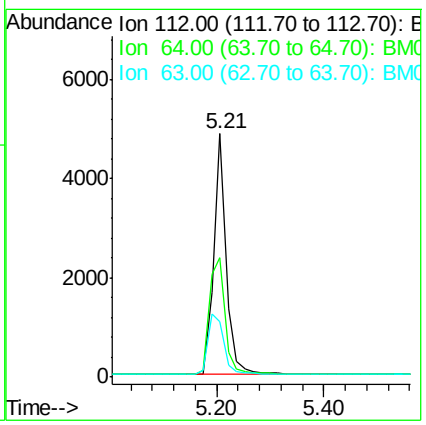


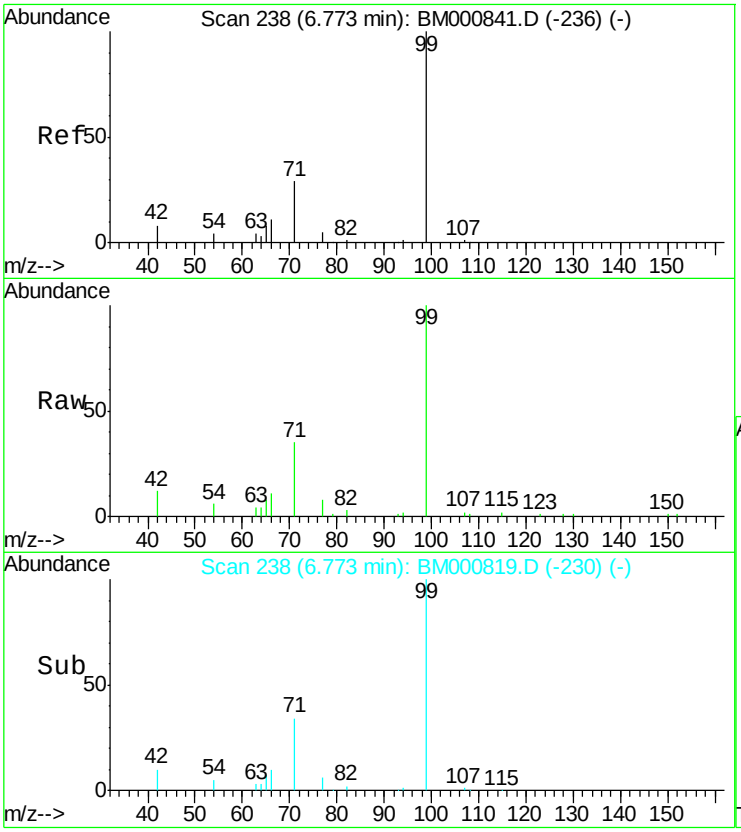


#4
2-Fluorophenol
Concen: 1.04 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:112 Resp: 7924

Ion	Ratio	Lower	Upper
112	100		
64	49.0	40.3	60.5
63	23.0	19.0	28.4



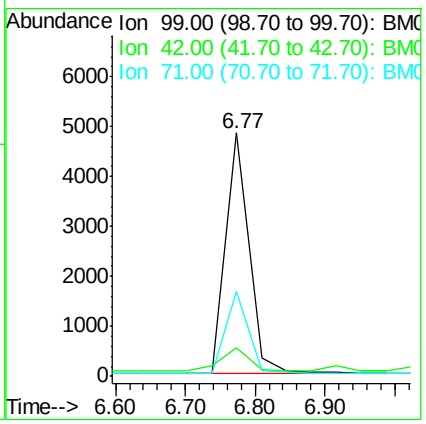


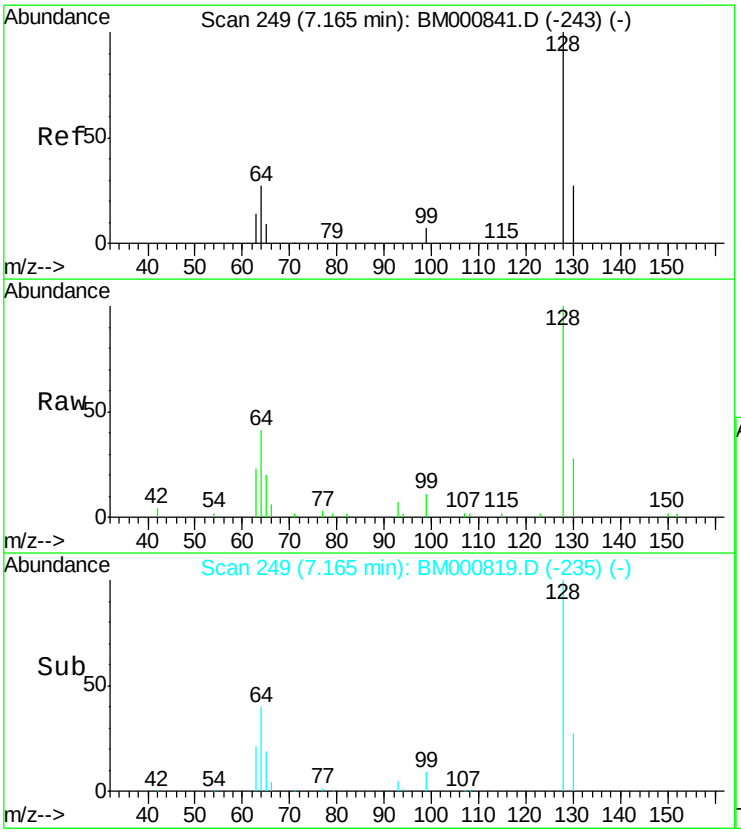
#5
Phenol-d6
Concen: 1.00 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion: 99 Resp: 11263

Ion	Ratio	Lower	Upper
99	100		
42	11.9	10.2	15.4
71	35.0	28.6	43.0

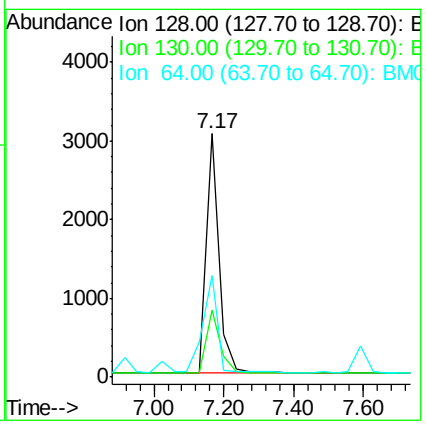


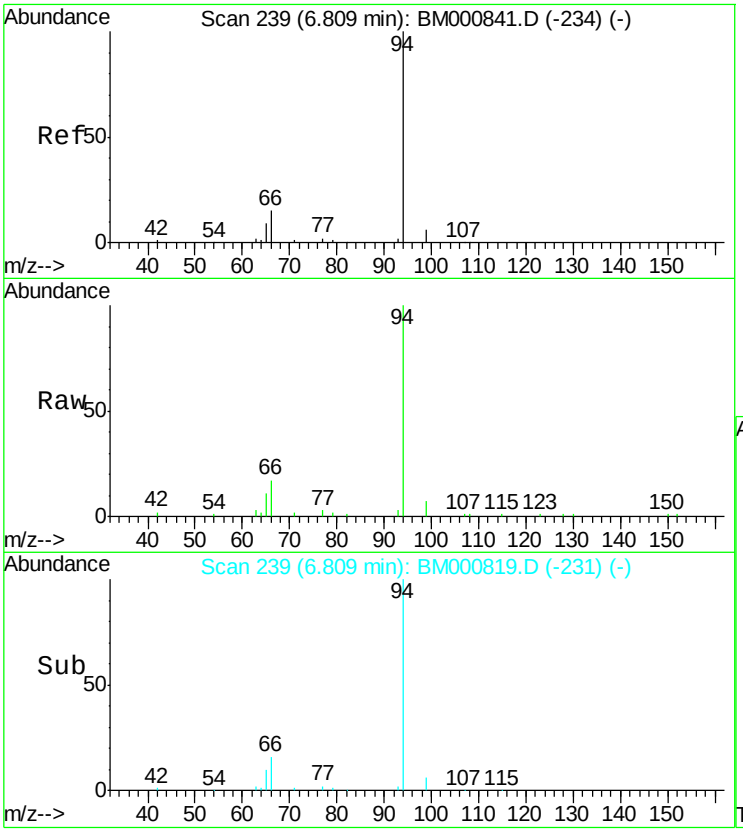


#6
2-Chlorophenol
Concen: 1.00 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:128 Resp: 7843

Ion	Ratio	Lower	Upper
128	100		
130	27.6	7.6	47.6
64	41.5	23.1	63.1



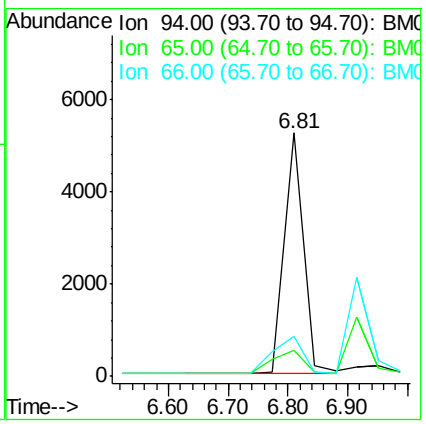


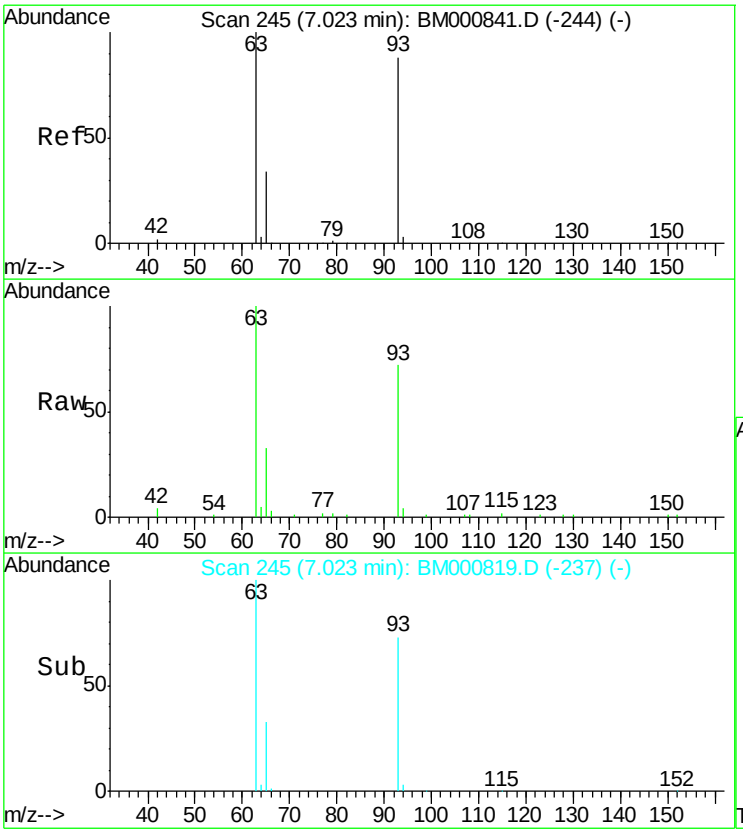
#7
Phenol
Concen: 1.03 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion: 94 Resp: 11776

Ion	Ratio	Lower	Upper
94	100		
65	10.9	0.0	32.0
66	16.6	0.0	37.6

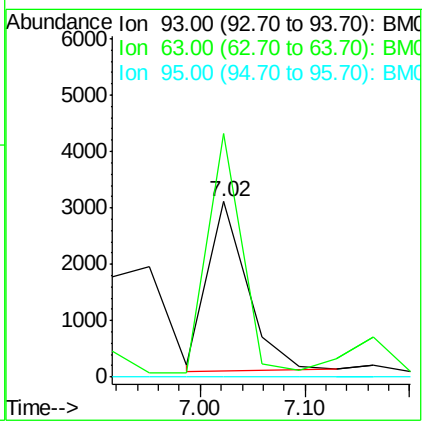


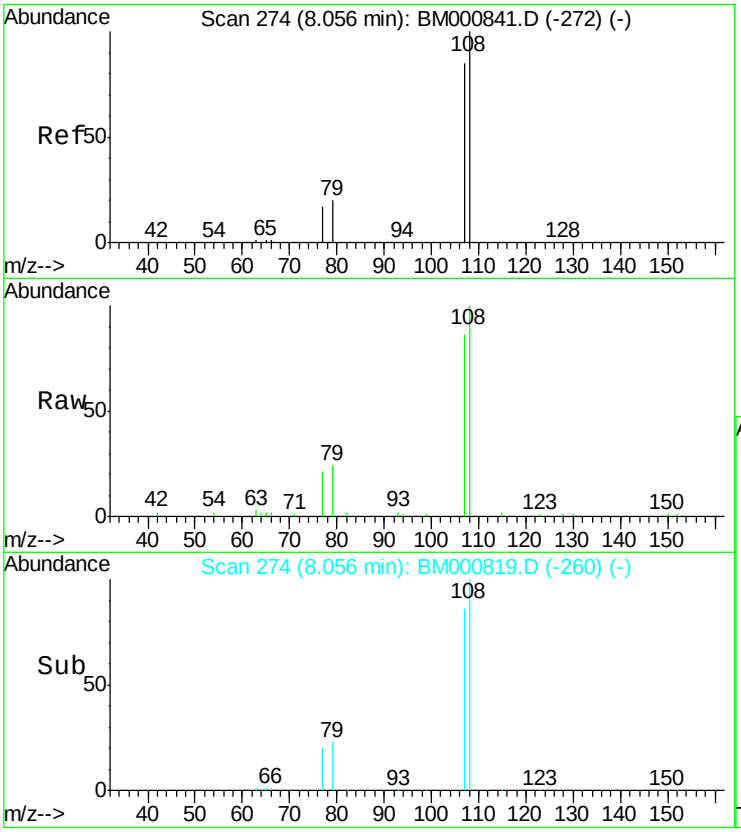


#8
bis(2-Chloroethyl)ether
Concen: 0.98 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion: 93 Resp: 7842

Ion	Ratio	Lower	Upper
93	100		
63	138.7	118.9	158.9
95	0.0	0.0	20.0



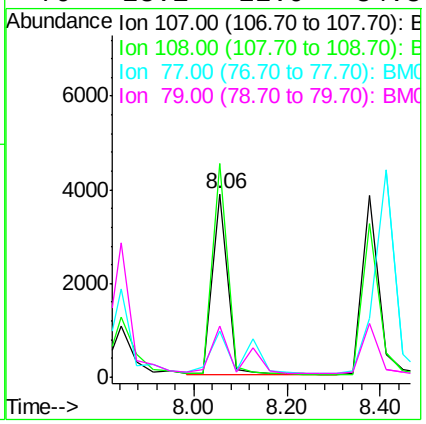


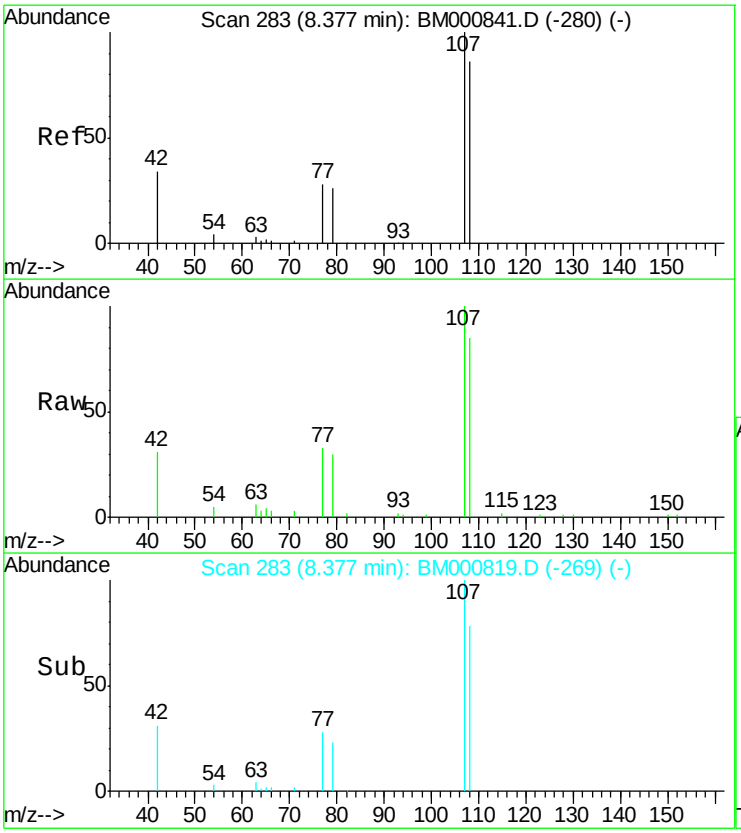
#9
2-Methylphenol
Concen: 1.02 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:107 Resp: 8625

Ion	Ratio	Lower	Upper
107	100		
108	116.3	92.0	138.0
77	24.8	20.6	31.0
79	28.1	22.9	34.3

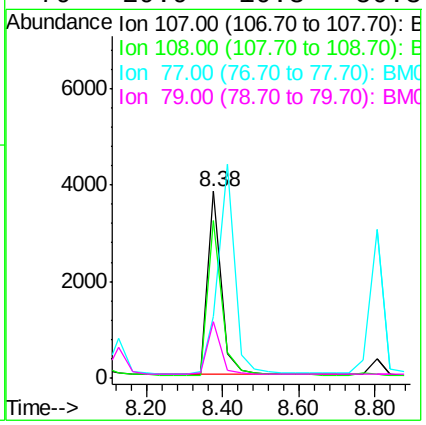


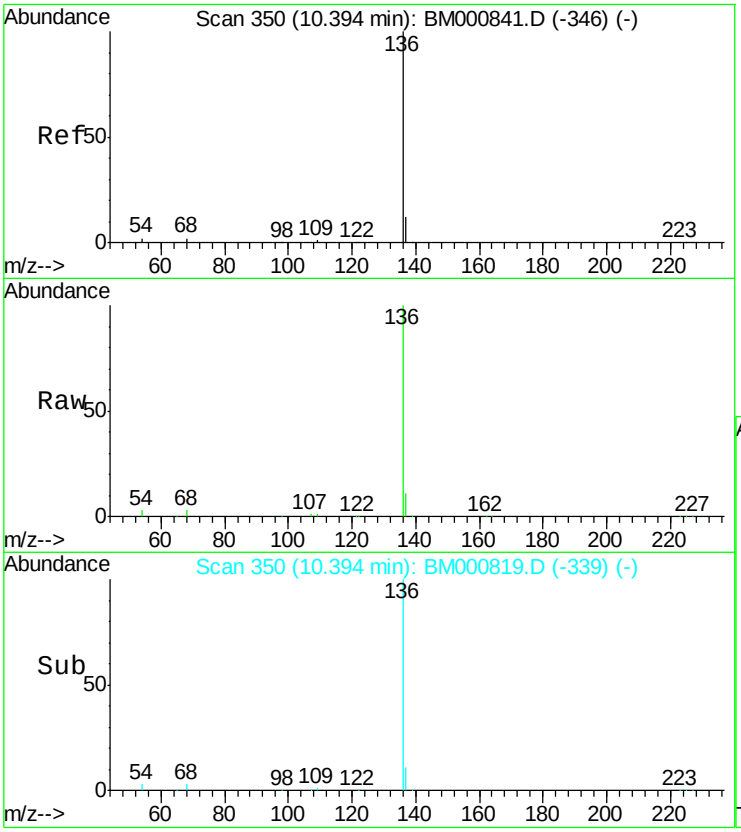


#10
3+4-Methylphenols
Concen: 0.97 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:107 Resp: 9470

Ion	Ratio	Lower	Upper
107	100		
108	84.5	62.6	102.6
77	32.6	12.8	52.8
79	29.9	10.3	50.3



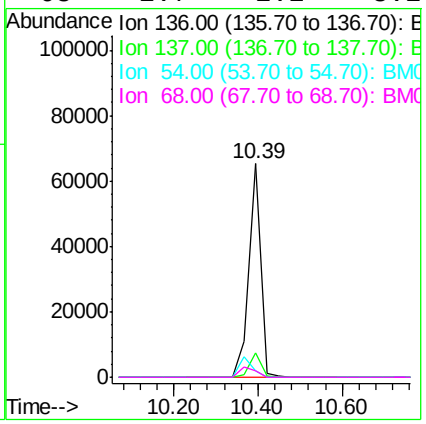


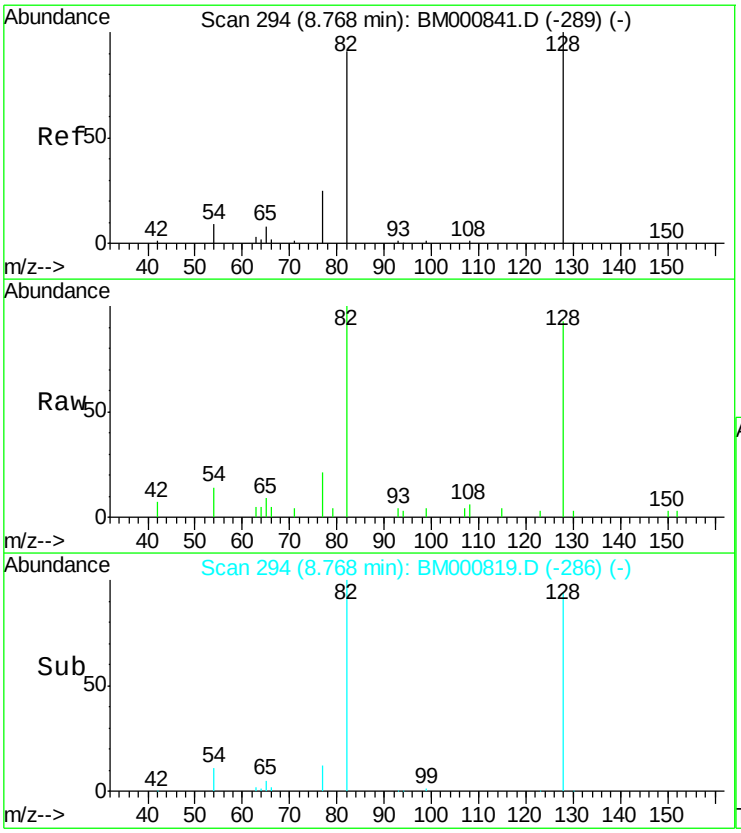
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:136 Resp: 127534

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	2.7	2.2	3.4
68	2.7	2.2	3.2

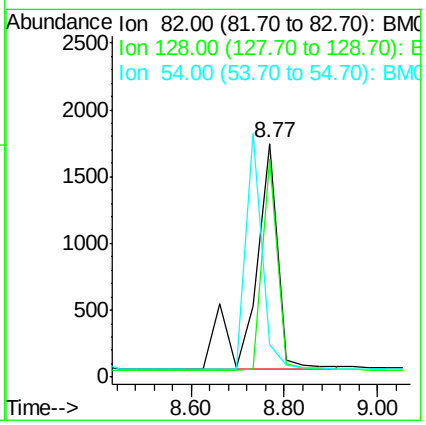


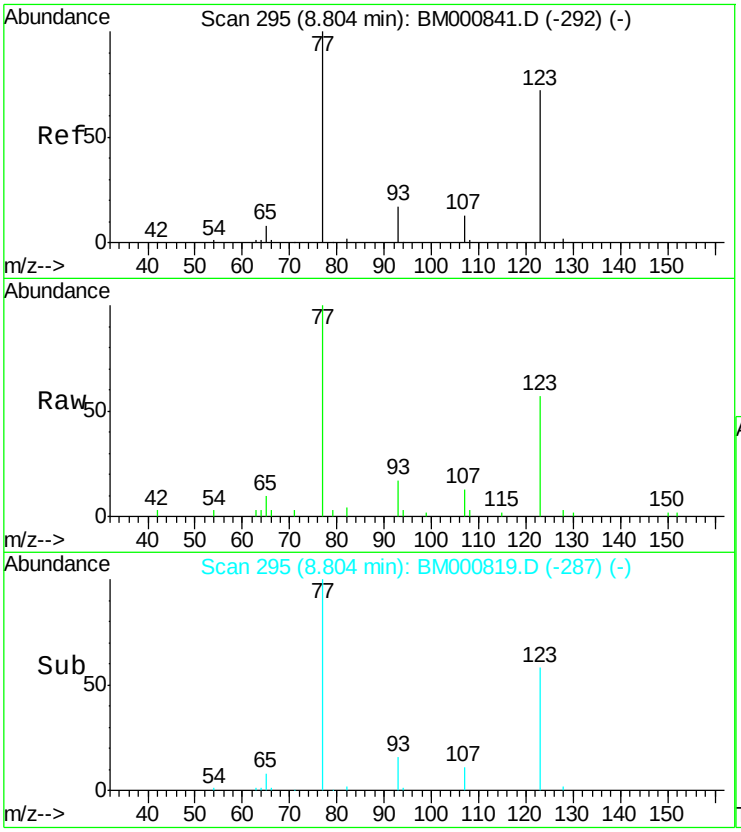


#12
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion: 82 Resp: 5912

Ion	Ratio	Lower	Upper
82	100		
128	93.2	72.5	108.7
54	13.9	11.8	17.8



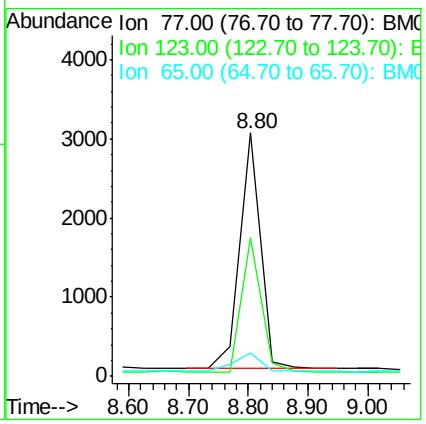


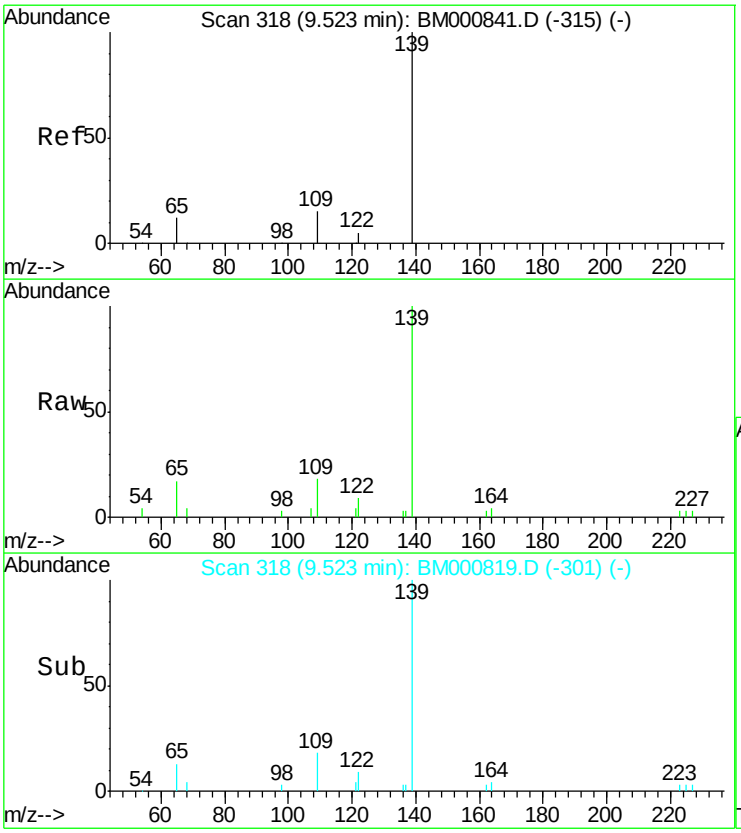
#13
Nitrobenzene
Concen: 1.04 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion: 77 Resp: 7221

Ion	Ratio	Lower	Upper
77	100		
123	56.8	45.8	68.6
65	9.8	8.2	12.4

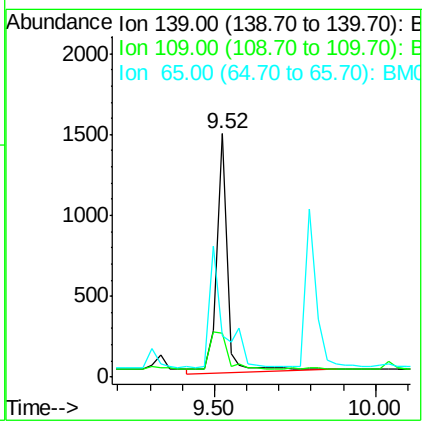


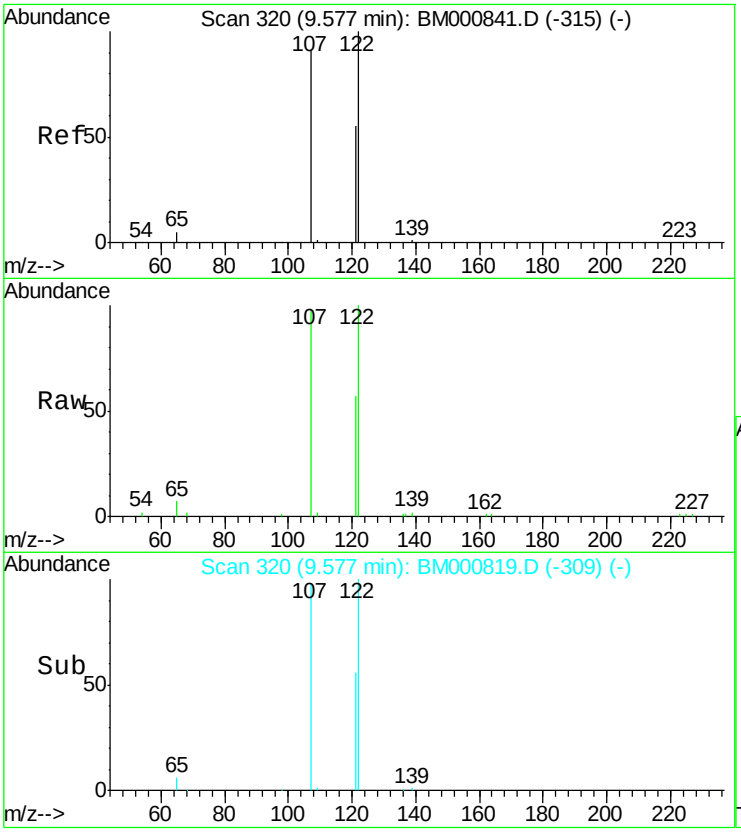


#14
2-Nitrophenol
Concen: 1.03 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:139 Resp: 3494

Ion	Ratio	Lower	Upper
139	100		
109	18.3	15.0	22.6
65	16.9	14.2	21.4



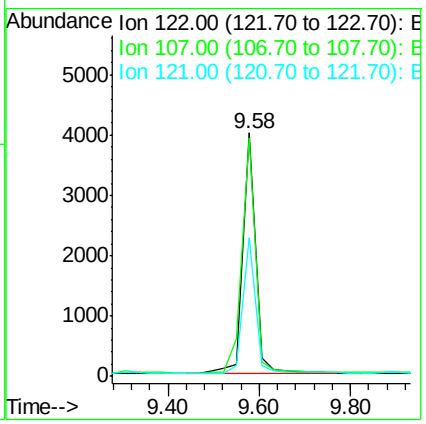


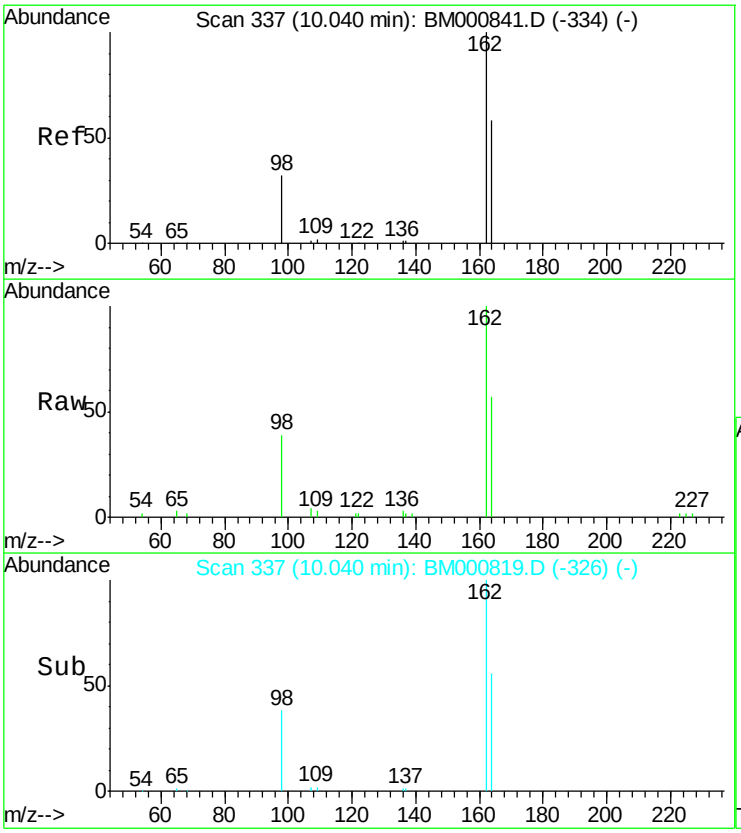
#15
2,4-Dimethylphenol
Concen: 1.05 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:122 Resp: 7607

Ion	Ratio	Lower	Upper
122	100		
107	97.9	78.2	117.4
121	56.9	45.4	68.0

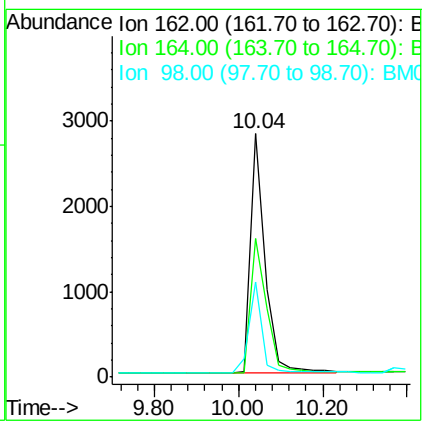


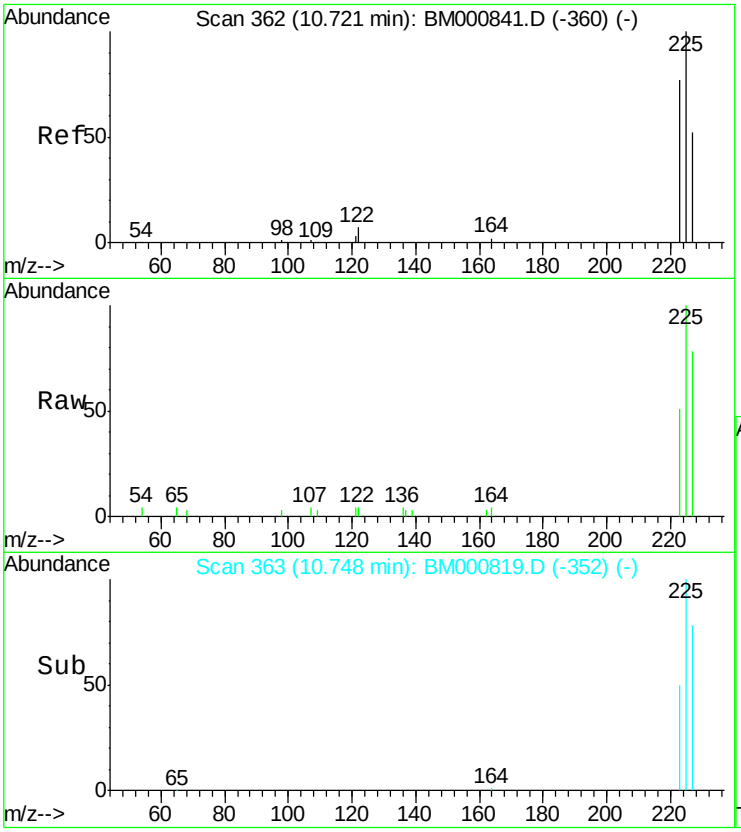


#16
2,4-Dichlorophenol
Concen: 1.00 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:162 Resp: 6701

Ion	Ratio	Lower	Upper
162	100		
164	56.7	37.1	77.1
98	39.2	19.5	59.5



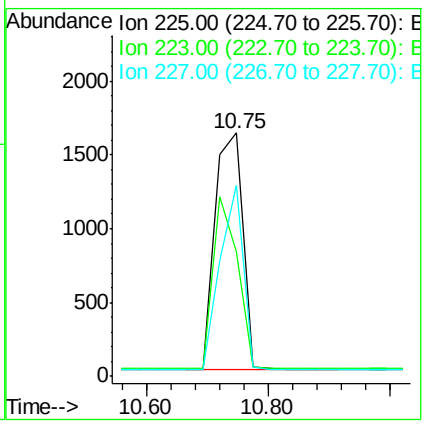


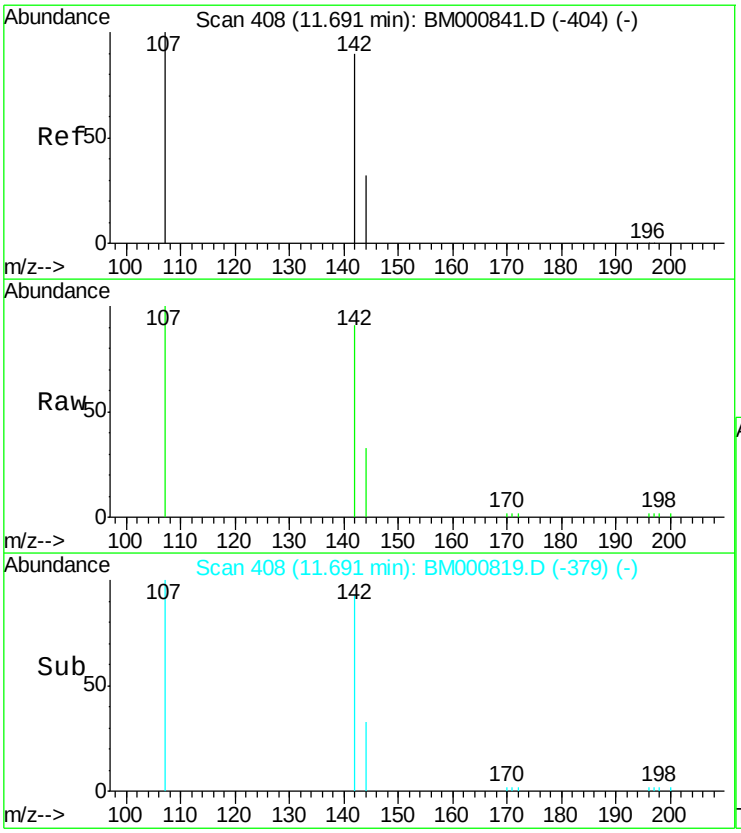
#17
Hexachlorobutadiene
Concen: 1.02 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:225 Resp: 5043

Ion	Ratio	Lower	Upper
225	100		
223	51.2	40.8	61.2
227	78.3	62.8	94.2

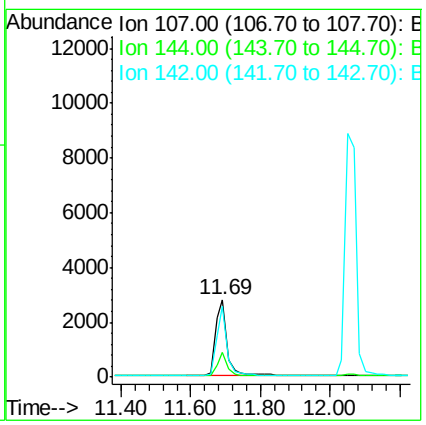


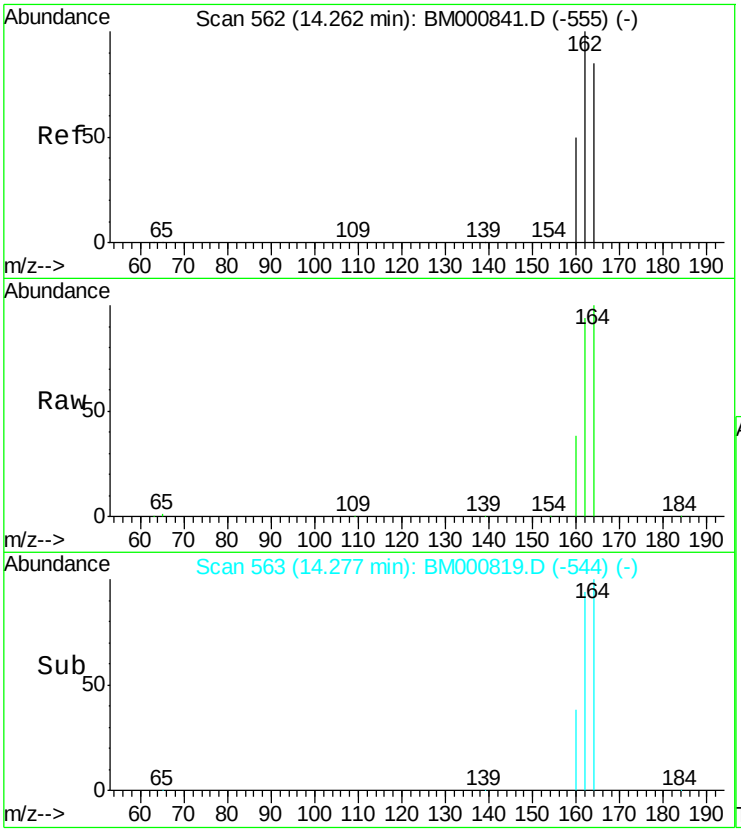


#18
4-Chloro-3-methylphenol
Concen: 1.01 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:107 Resp: 6435

Ion	Ratio	Lower	Upper
107	100		
144	32.6	25.8	38.8
142	91.1	71.3	106.9



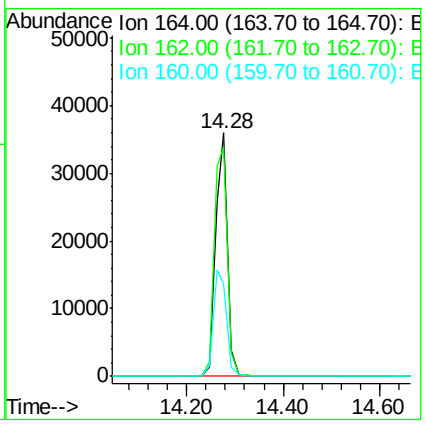


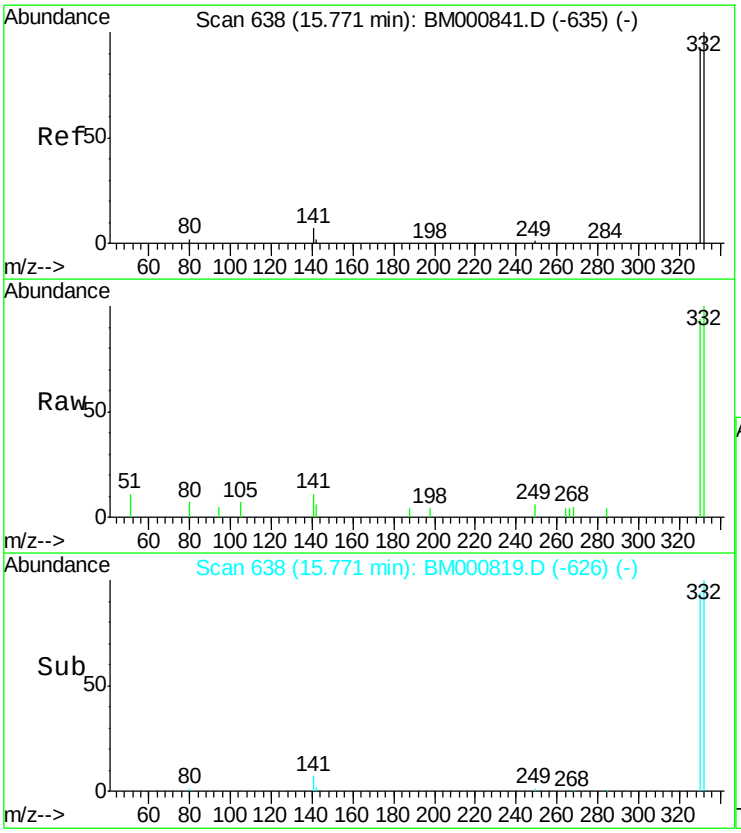
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:164 Resp: 62543

Ion	Ratio	Lower	Upper
164	100		
162	94.3	74.2	111.2
160	37.9	30.4	45.6

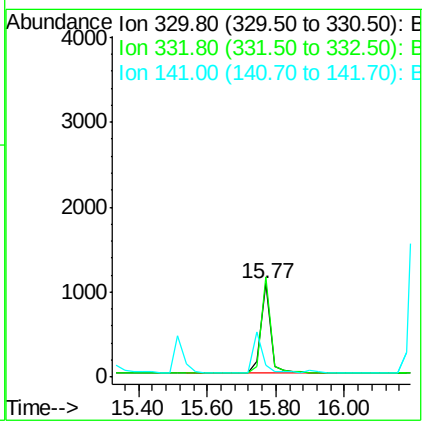


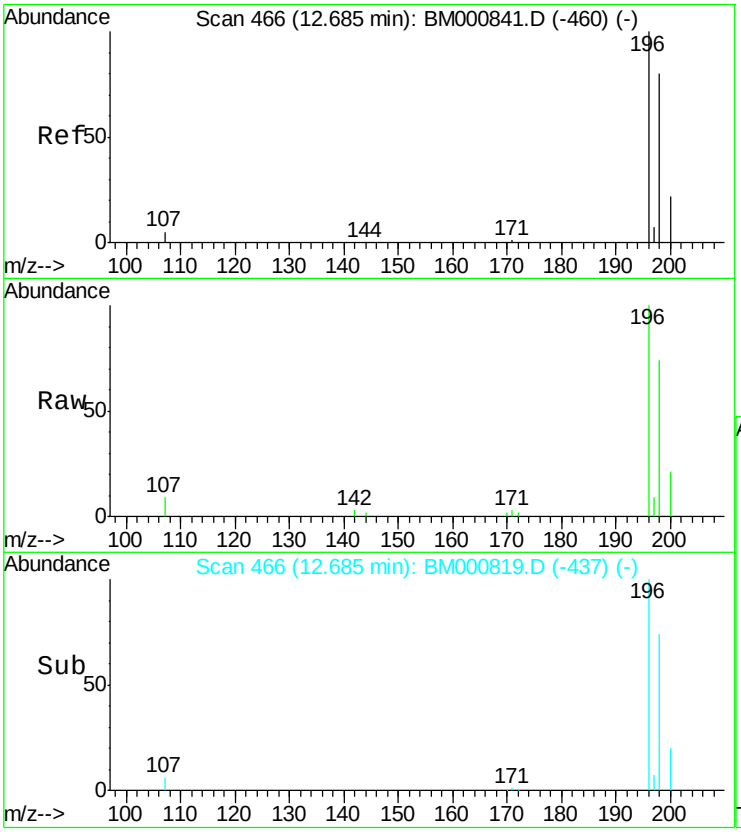


#20
2,4,6-Tribromophenol
Concen: 0.95 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:330 Resp: 2071

Ion	Ratio	Lower	Upper
330	100		
332	101.1	78.7	118.1
141	0.0	0.0	0.0



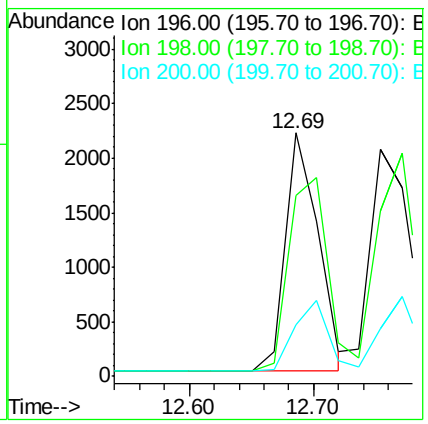


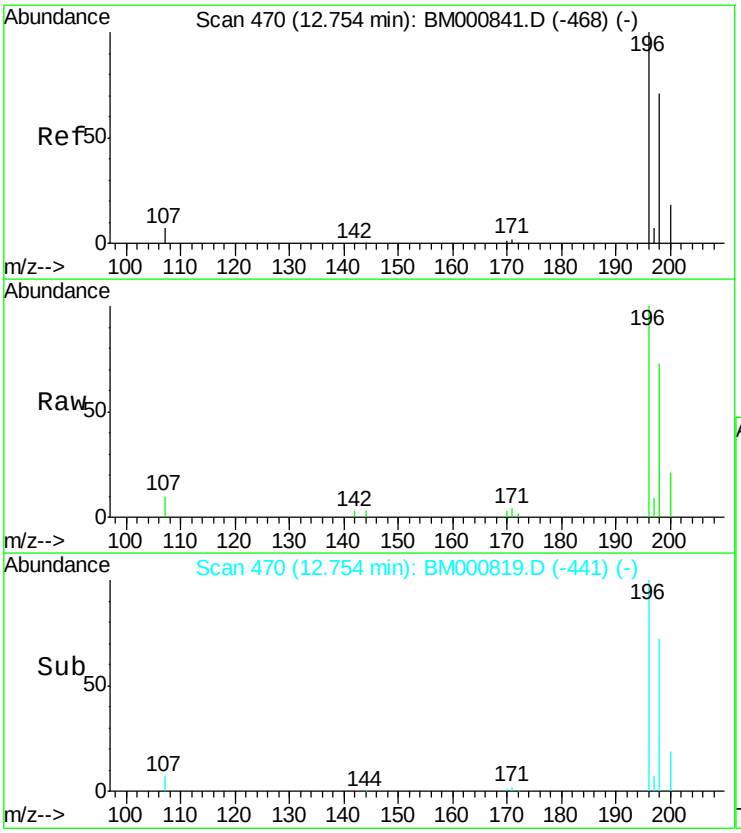
#21
2,4,6-Trichlorophenol
Concen: 0.97 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:196 Resp: 4030

Ion	Ratio	Lower	Upper
196	100		
198	74.2	59.5	89.3
200	21.3	17.4	26.0

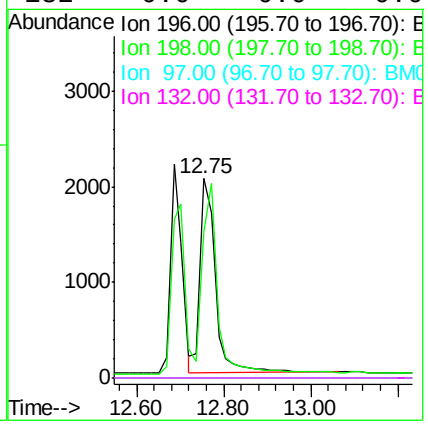


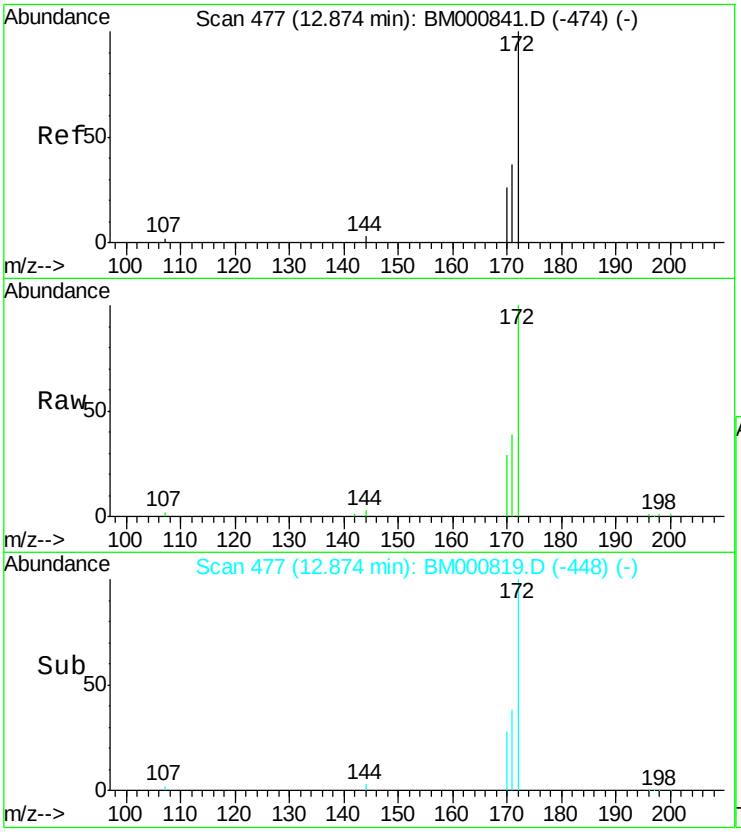


#22
2,4,5-Trichlorophenol
Concen: 1.07 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:196 Resp: 4965

Ion	Ratio	Lower	Upper
196	100		
198	72.9	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0



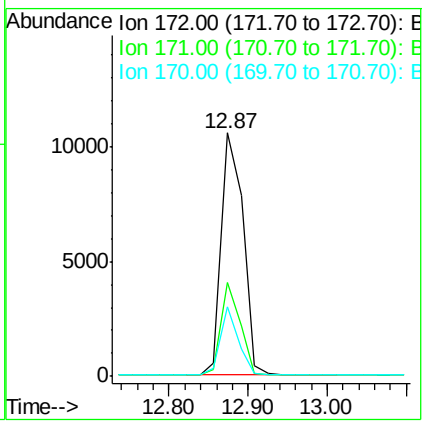


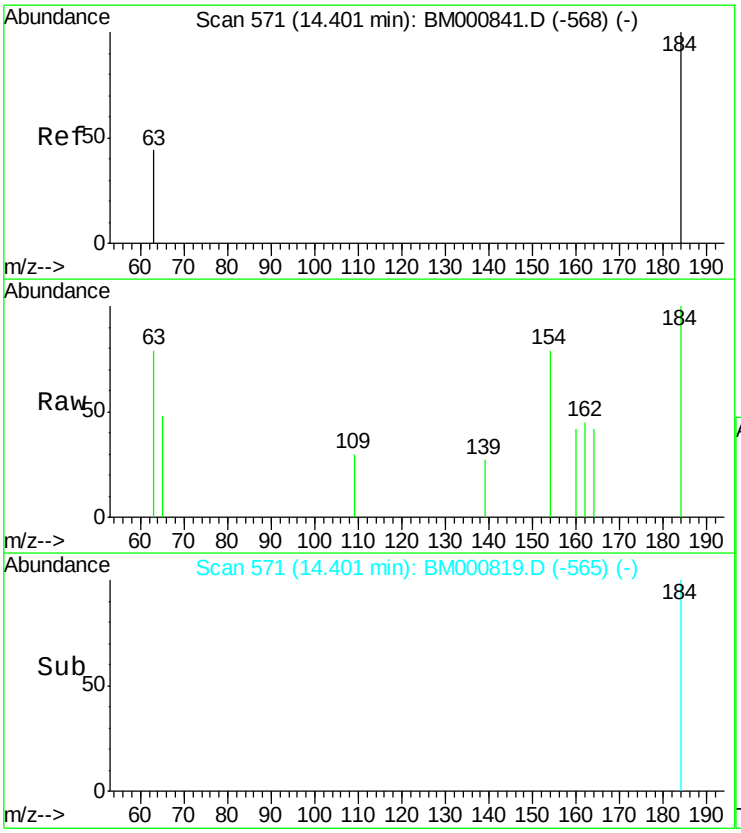
#23
2-Fluorobiphenyl
Concen: 1.04 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:172 Resp: 20091

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.6	46.0
170	28.5	22.2	33.2

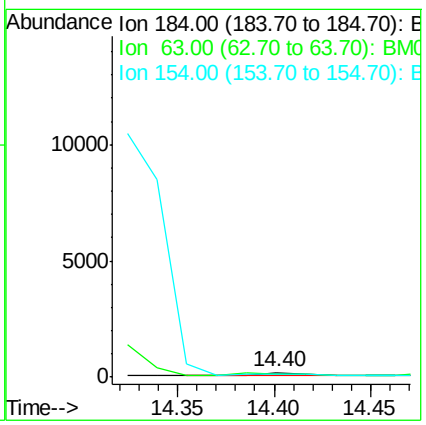


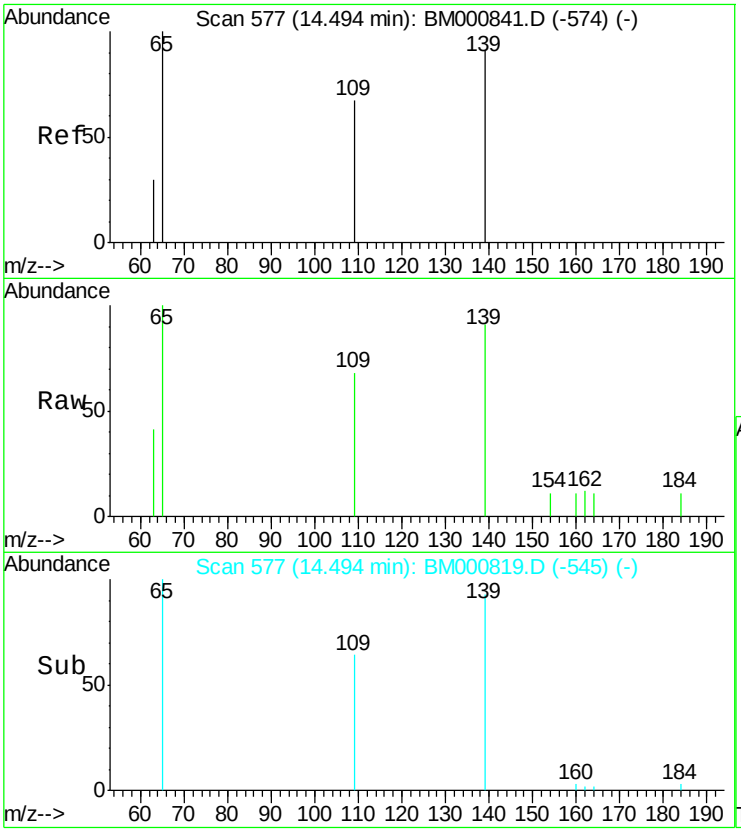


#24
2,4-Dinitrophenol
Concen: 0.45 ng
RT: 14.40 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:184 Resp: 277

Ion	Ratio	Lower	Upper
184	100		
63	79.1	62.7	94.1
154	78.6	63.6	95.4



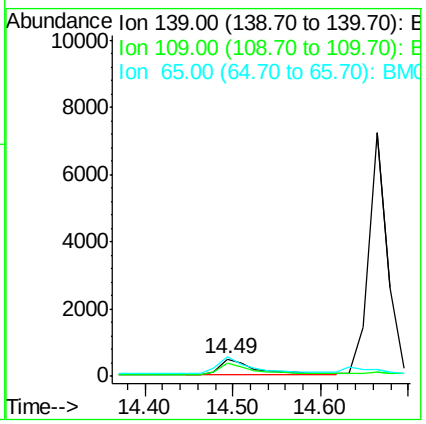


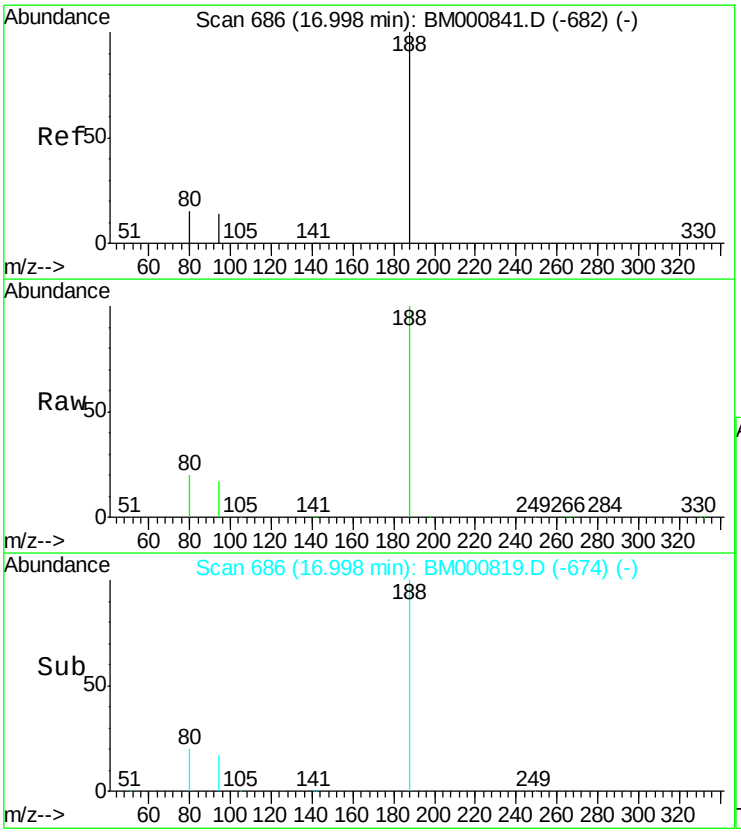
#25
4-Nitrophenol
Concen: 1.04 ng
RT: 14.49 min Scan# 577
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:139 Resp: 1299

Ion	Ratio	Lower	Upper
139	100		
109	75.0	58.2	98.2
65	110.3	90.4	130.4

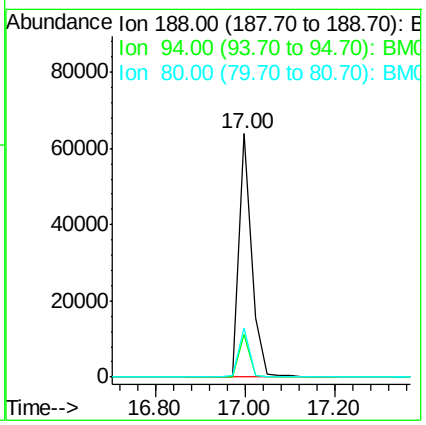


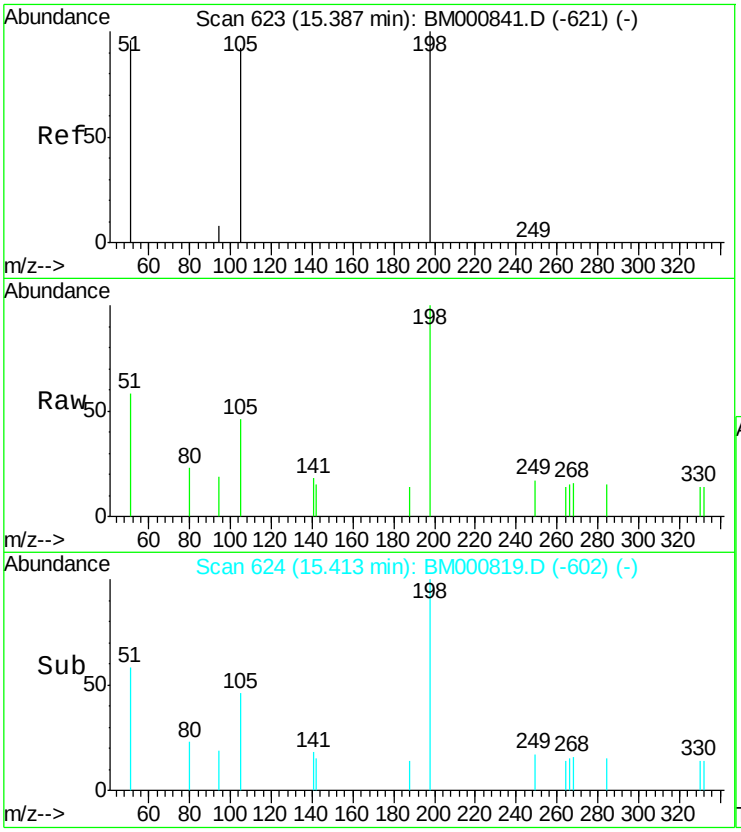


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:188 Resp: 124983

Ion	Ratio	Lower	Upper
188	100		
94	17.4	13.0	19.6
80	20.0	14.7	22.1



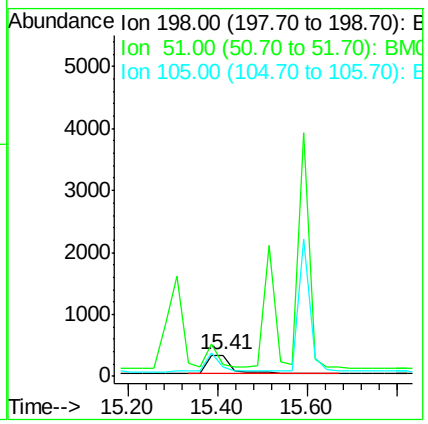


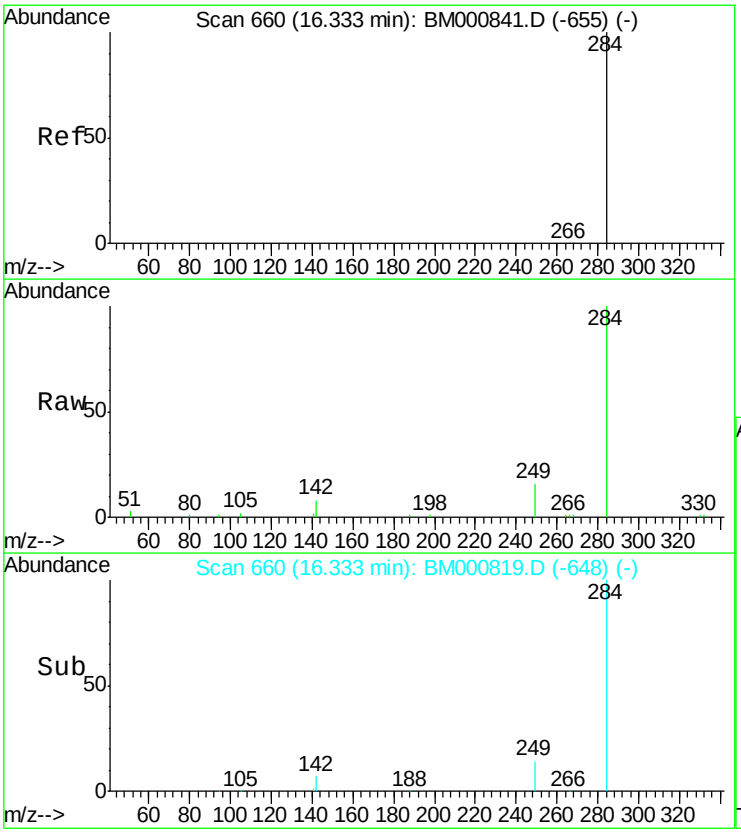
#27
4,6-Dinitro-2-methylphenol
Concen: 0.89 ng
RT: 15.41 min Scan# 624
Delta R.T. 0.03 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:198 Resp: 1063

Ion	Ratio	Lower	Upper
198	100		
51	58.4	139.3	179.3#
105	46.3	88.8	128.8#

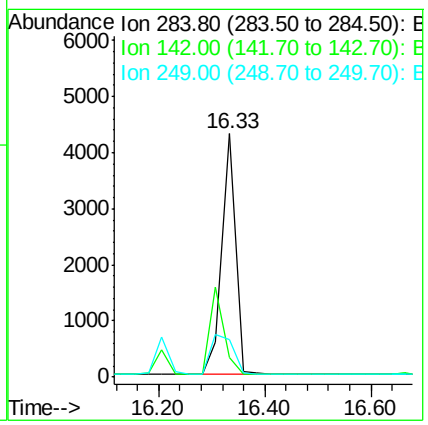


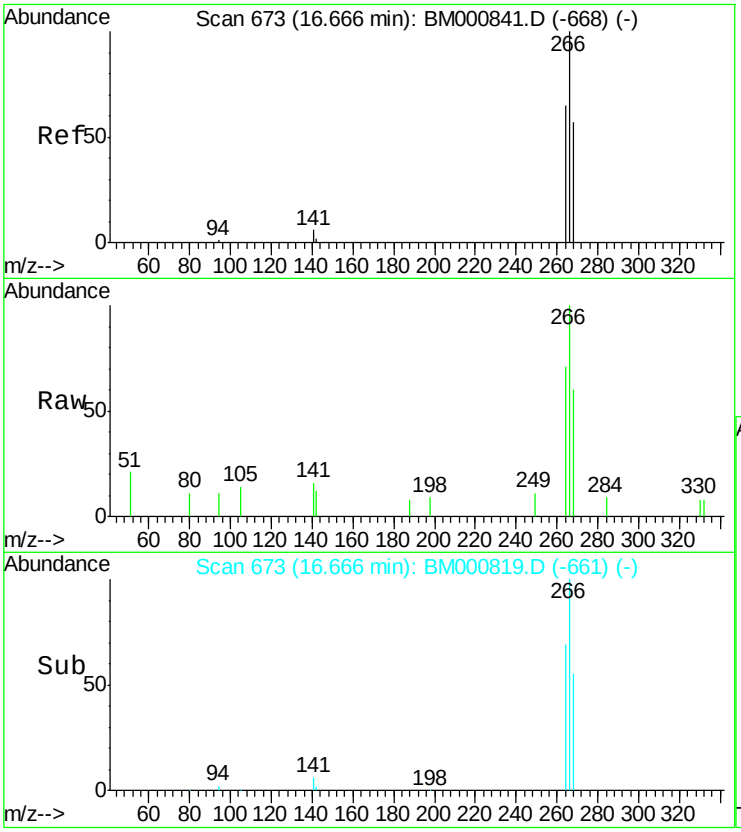


#28
Hexachlorobenzene
Concen: 1.05 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:284 Resp: 7600

Ion	Ratio	Lower	Upper
284	100		
142	8.0	6.5	9.7
249	15.6	12.6	18.8



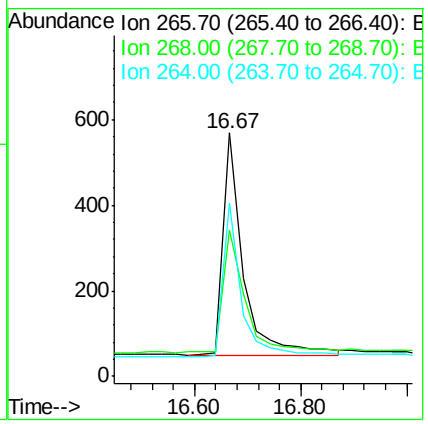


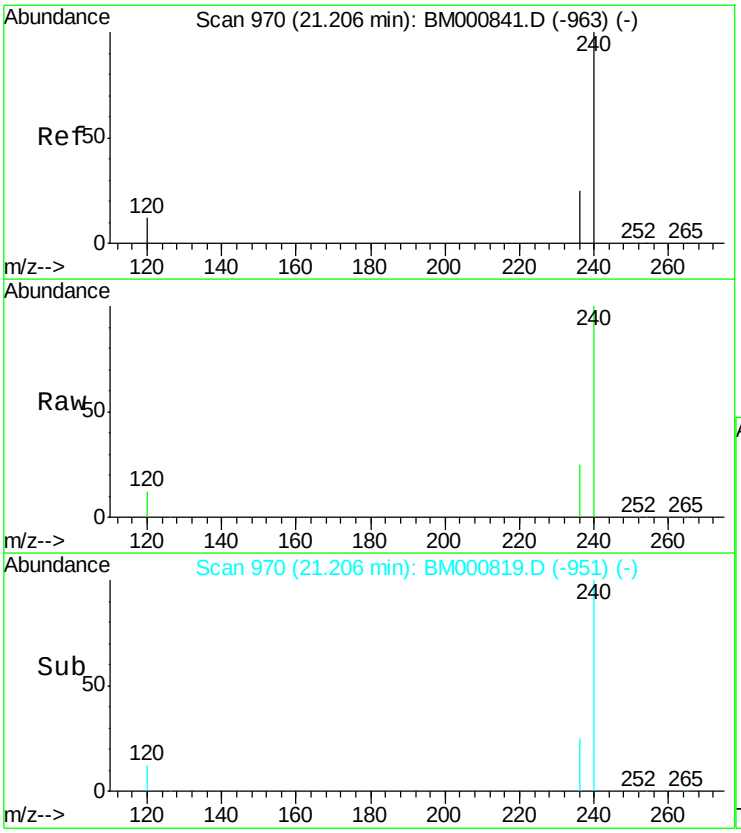
#29
Pentachlorophenol
Concen: 1.03 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:266 Resp: 1342

Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.4	77.0
264	71.4	57.1	85.7

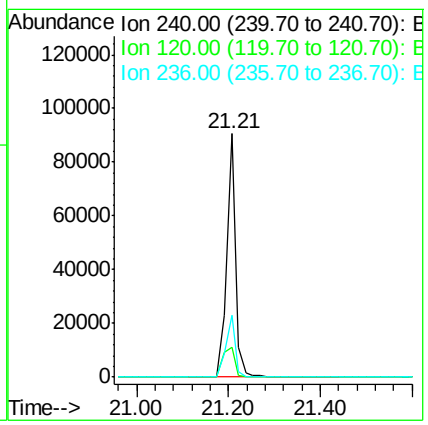


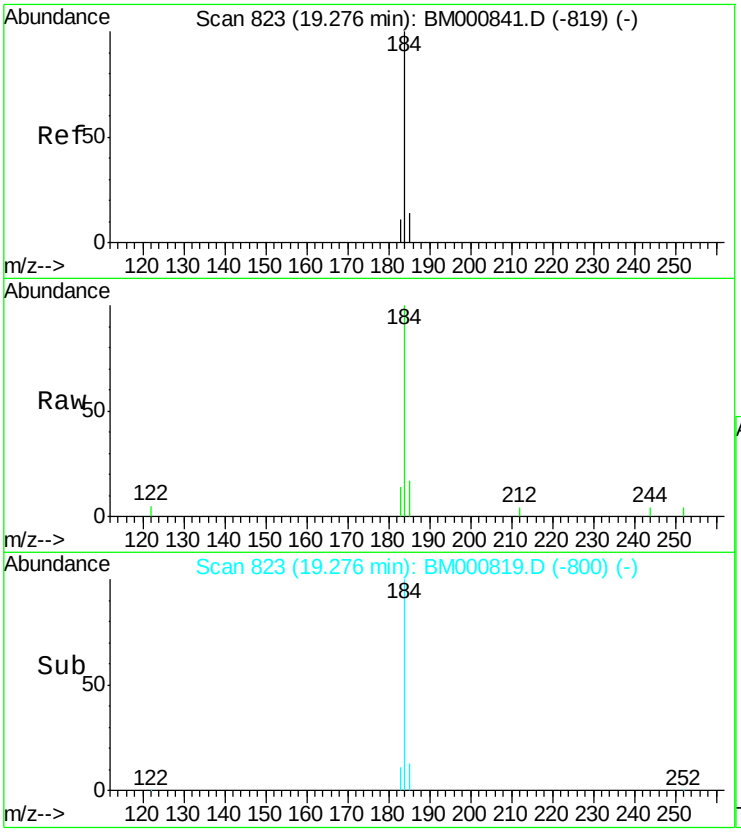


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:240 Resp: 120032

Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.3	16.9
236	25.3	21.1	31.7



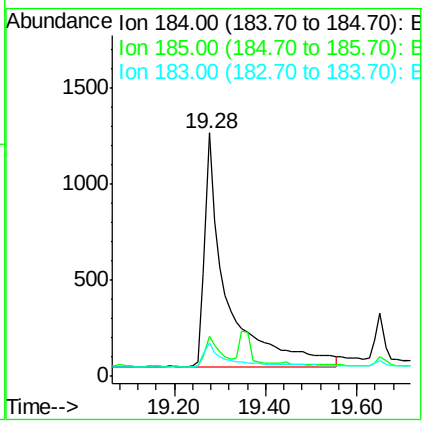


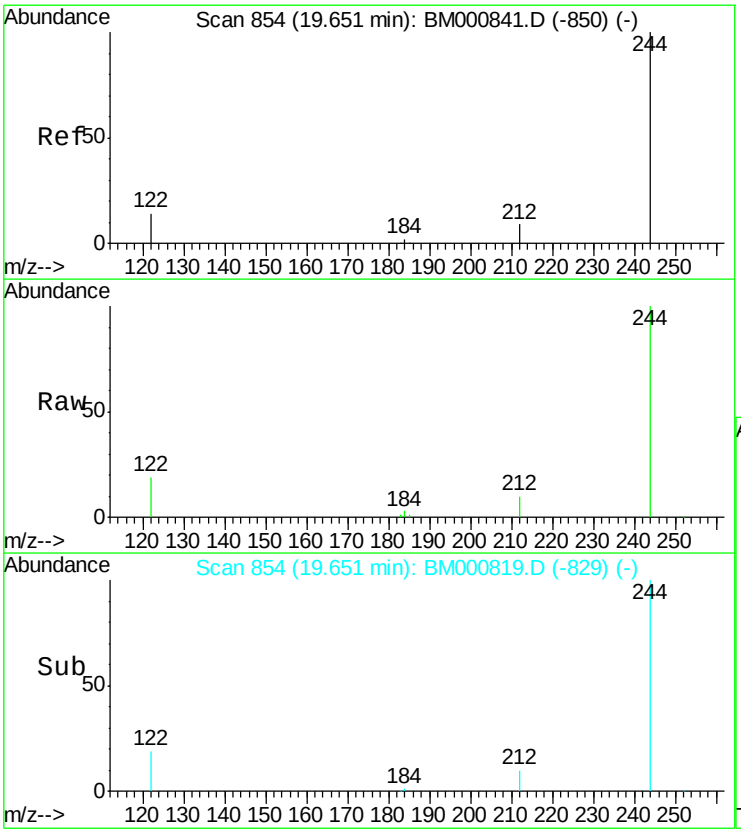
#31
Benzidine
Concen: 1.18 ng
RT: 19.28 min Scan# 823
Delta R.T. -0.02 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:184 Resp: 4102

Ion	Ratio	Lower	Upper
184	100		
185	16.5	39.1	58.7#
183	14.1	36.1	54.1#

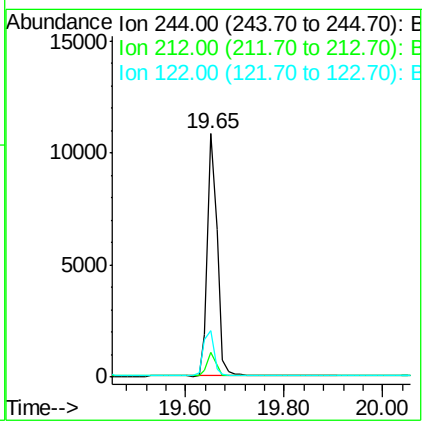


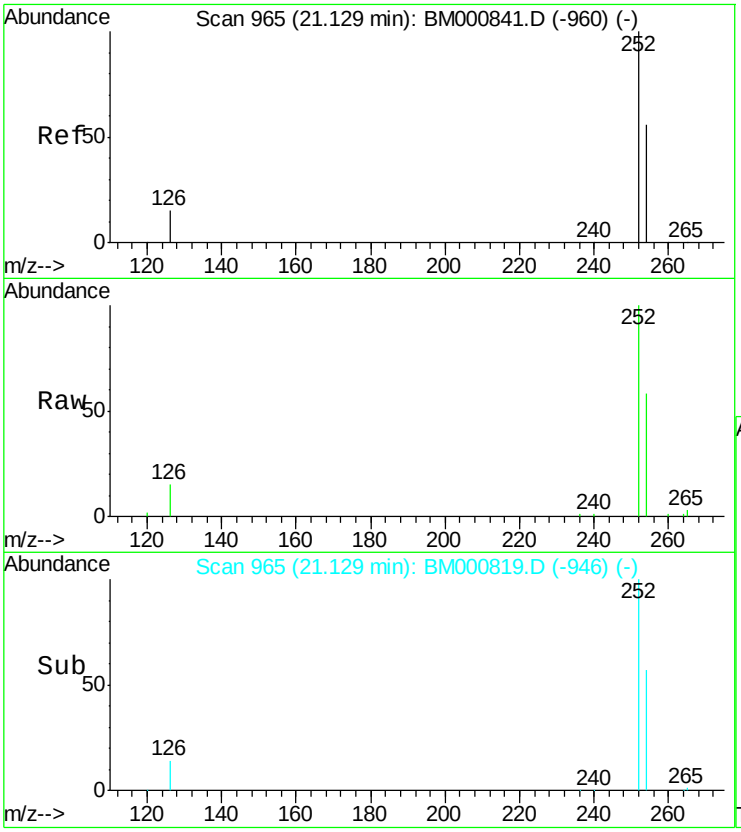


#32
Terphenyl-d14
Concen: 1.04 ng
RT: 19.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:244 Resp: 15045

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.0	12.0
122	19.2	14.7	22.1



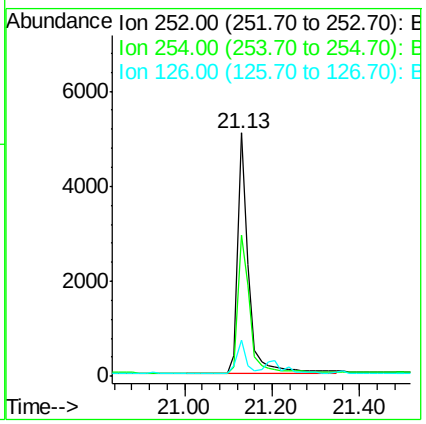


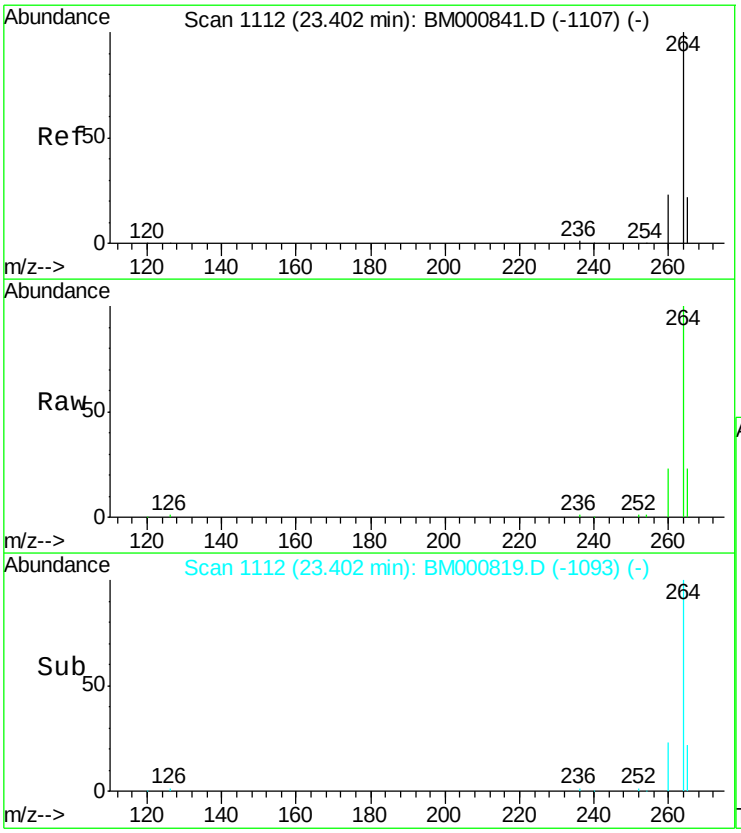
#33
3,3'-Dichlorobenzidine
Concen: 0.96 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM000819.D
Acq: 02 Apr 2015 22:44

Instrument :
BNA_M
ClientSampleId :
ICVBM040315

Tgt Ion:252 Resp: 8656

Ion	Ratio	Lower	Upper
252	100		
254	57.8	44.5	66.7
126	14.9	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: BM000819.D
Acq: 02 Apr 2015 22:44

Tgt Ion:264 Resp: 107252

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.6	17.5	26.3