Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000833.D
Acq On : 03 Apr 2015 08:54
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 03 16:30:09 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 13:56:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24597	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	118712	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	60370	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	132745	5.00	ng		0.00
30) Chrysene-d12	21.21	240	118802	5.00	ng		0.00
34) Perylene-d12	23.40	264	107414	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	91369	13.49	ng		0.00
5) Phenol-d6	6.77	99	158787	12.19	ng		0.00
12) Nitrobenzene-d5	8.77	82	42535	7.68	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	24811	9.70	ng		0.00
32) Terphenyl-d14	19.65	244	152728	10.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	482	Below Cal		#	67
3) n-Nitrosodimethylamine	3.48	42	257	0.08	ng	#	1
6) 2-Chlorophenol	7.17	128	718	0.28	ng		82
7) Phenol	6.81	94	891	0.09	ng		61
8) bis(2-Chloroethyl)ether	6.95	93	596	0.27	ng	#	8
9) 2-Methylphenol	8.06	107	543	0.22	ng	#	76
10) 3+4-Methylphenols	8.38	107	566	0.18	ng	#	73
13) Nitrobenzene	8.80	77	725	0.11	ng	#	78
14) 2-Nitrophenol	9.52	139	343	0.27	ng	#	9
15) 2,4-Dimethylphenol	9.58	122	381	0.06	ng	#	78
16) 2,4-Dichlorophenol	10.07	162	404	0.27	ng		80
17) Hexachlorobutadiene	10.72	225	377	0.08	ng	#	69
18) 4-Chloro-3-methylphenol	11.69	107	420	0.07	ng	#	88
21) 2,4,6-Trichlorophenol	12.70	196	187	0.17	ng	#	61
22) 2,4,5-Trichlorophenol	12.77	196	259	0.17	ng		85
23) 2-Fluorobiphenyl	12.87	172	188198	10.12	ng		97
25) 4-Nitrophenol	14.66	139	763	0.74	ng	#	18
27) 4,6-Dinitro-2-methylphenol	15.03	198	623	0.61	ng	#	39
28) Hexachlorobenzene	16.33	284	608	0.14	ng	#	68
29) Pentachlorophenol	16.69	266	11	0.45	ng	#	62
31) Benzidine	19.29	184	620	0.25	ng		92
33) 3,3'-Dichlorobenzidine	21.14	252	582	0.25	ng	#	76

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
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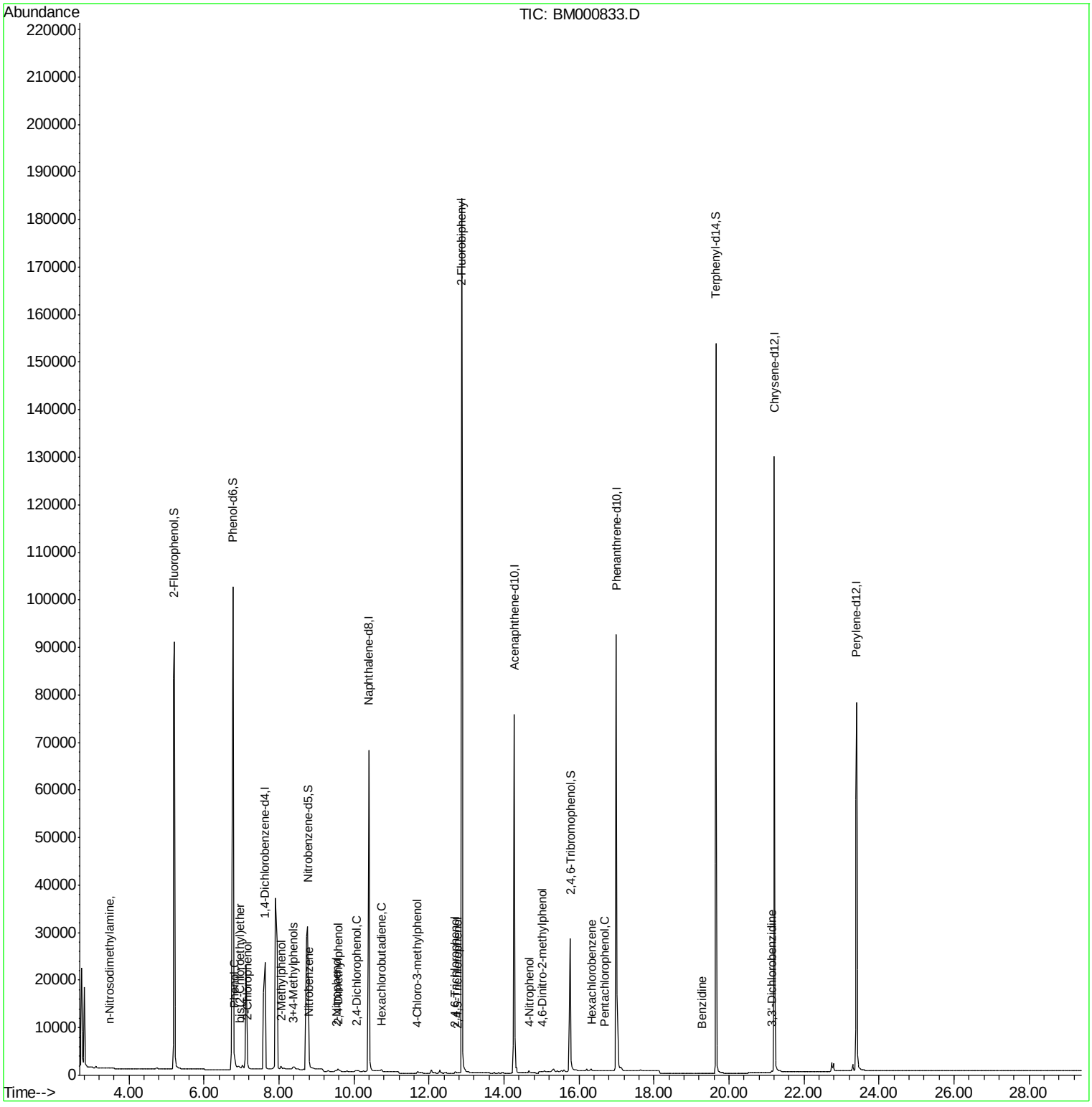
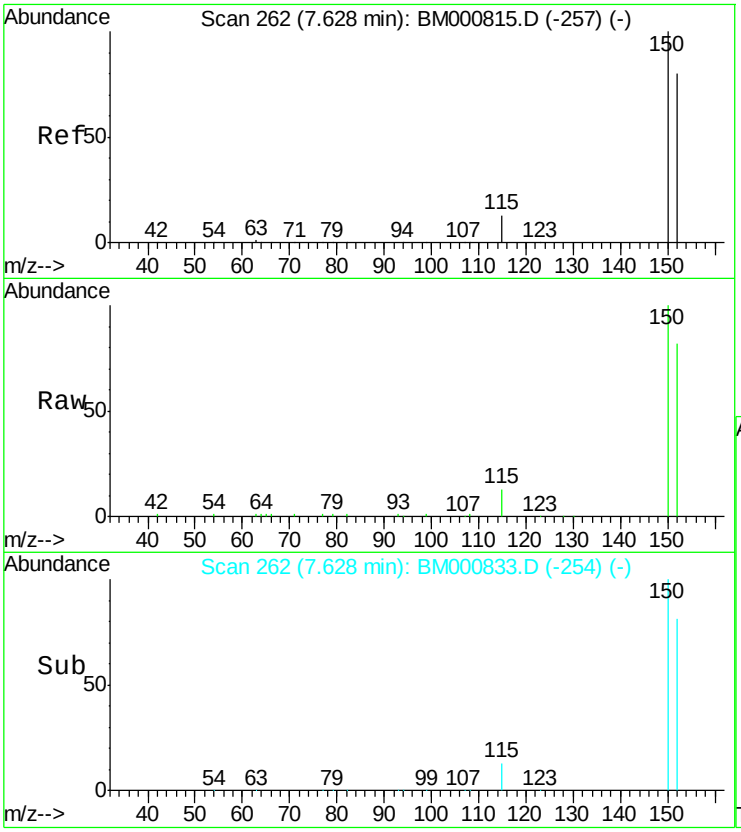
Acq On : 03 Apr 2015 08:54
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 03 16:30:09 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 13:56:22 2015
Response via : Initial Calibration



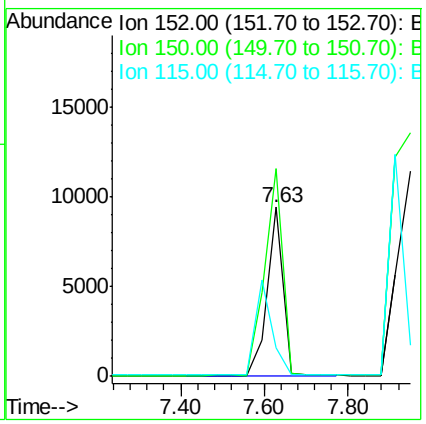


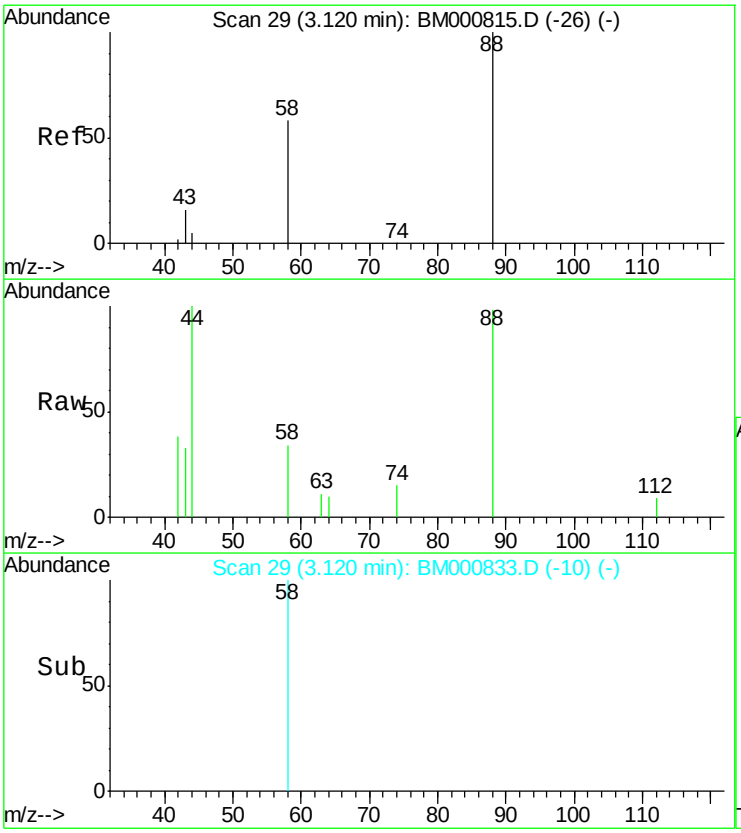
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 24597

Ion	Ratio	Lower	Upper
152	100		
150	122.6	99.8	149.6
115	16.6	13.5	20.3

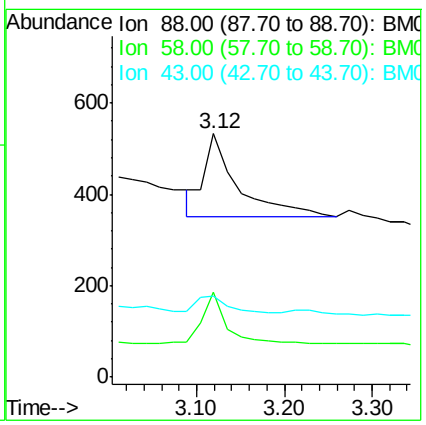


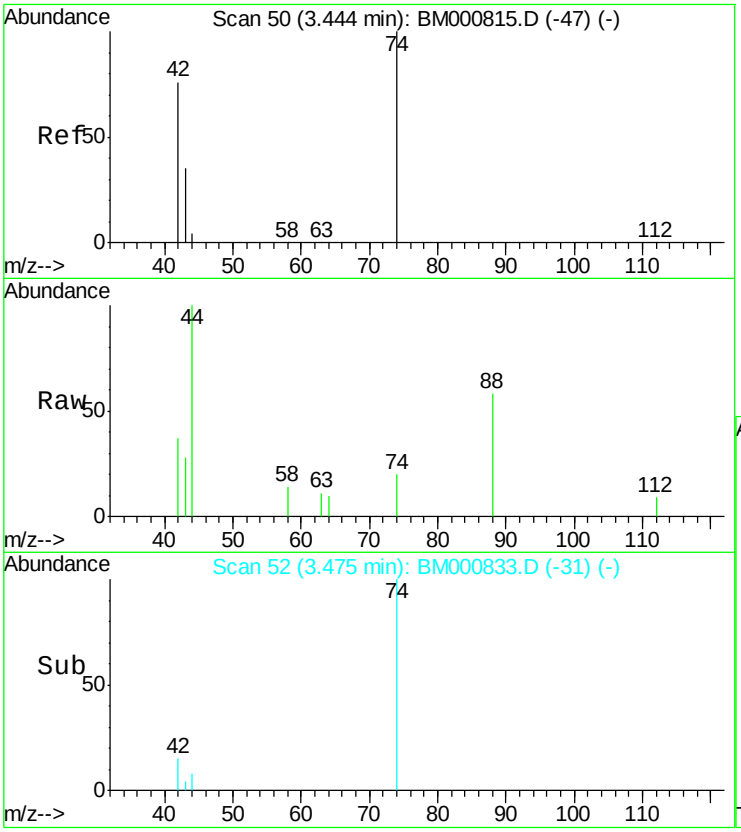


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion: 88 Resp: 482

Ion	Ratio	Lower	Upper
88	100		
58	42.5	57.0	85.4#
43	18.5	29.2	43.8#



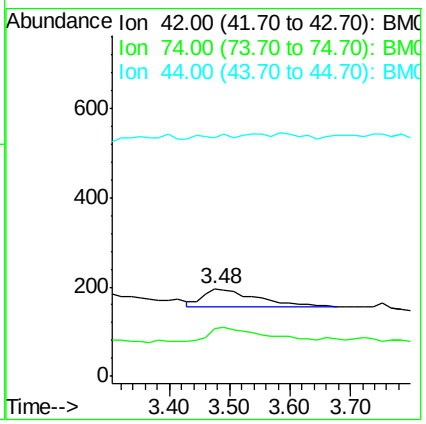


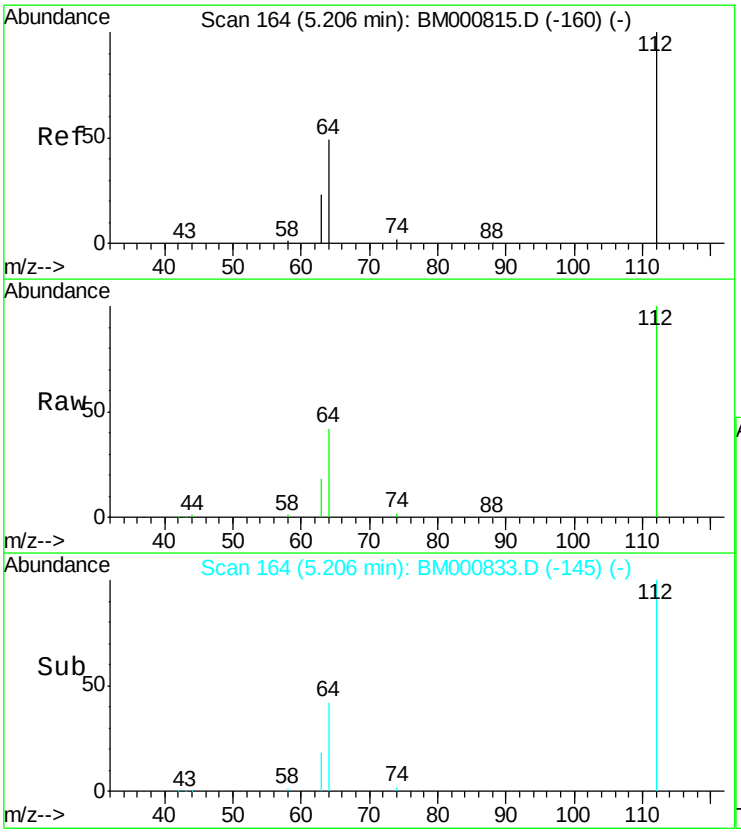
#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.48 min Scan# 52
Delta R.T. 0.03 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 257

Ion	Ratio	Lower	Upper
42	100		
74	54.3	93.1	139.7#
44	270.6	56.6	85.0#

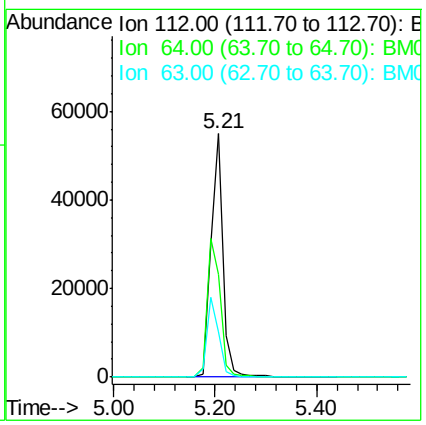


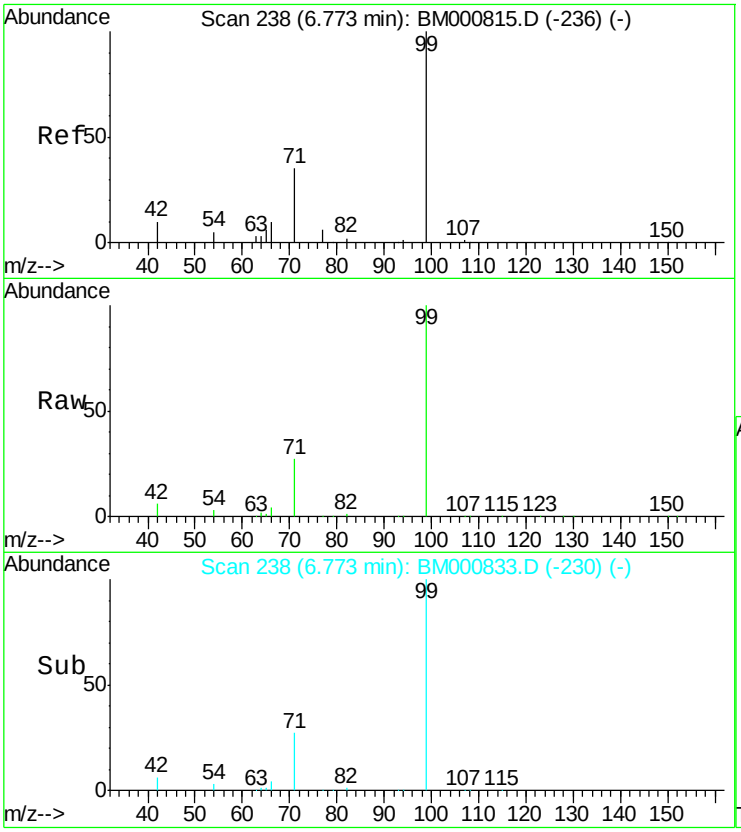


#4
2-Fluorophenol
Concen: 13.49 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:112 Resp: 91369

Ion	Ratio	Lower	Upper
112	100		
64	42.2	40.3	60.5
63	18.4	19.0	28.4#



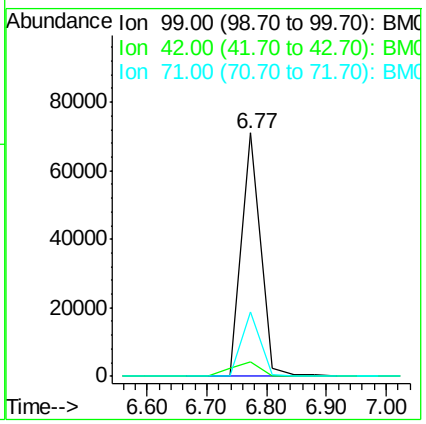


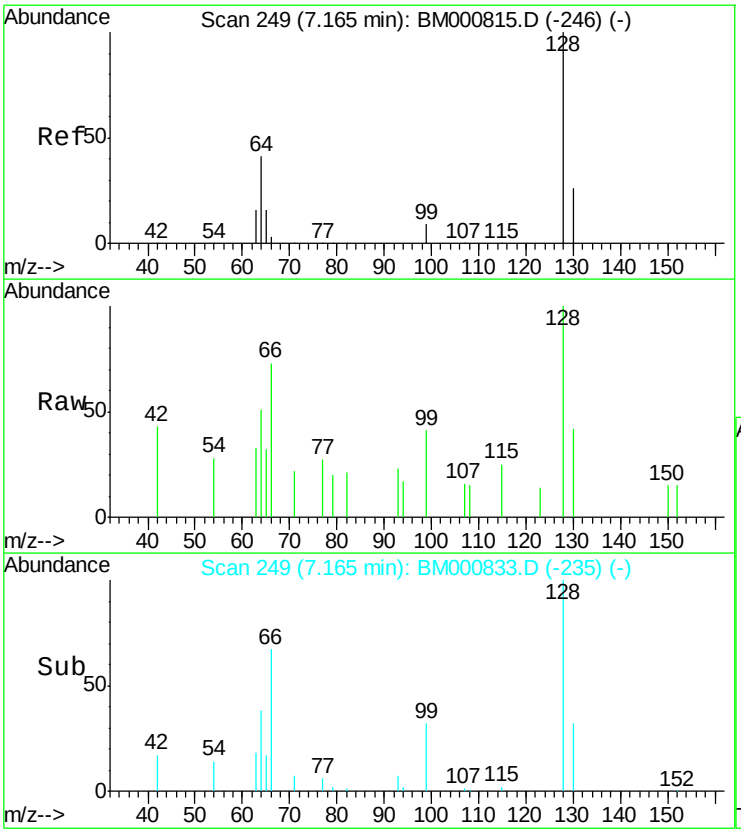
#5
Phenol-d6
Concen: 12.19 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 158787

Ion	Ratio	Lower	Upper
99	100		
42	5.8	10.2	15.4#
71	26.7	28.6	43.0#

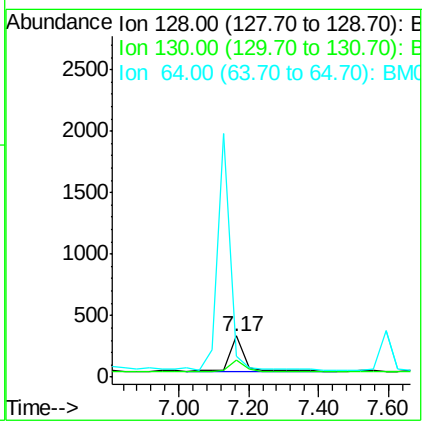


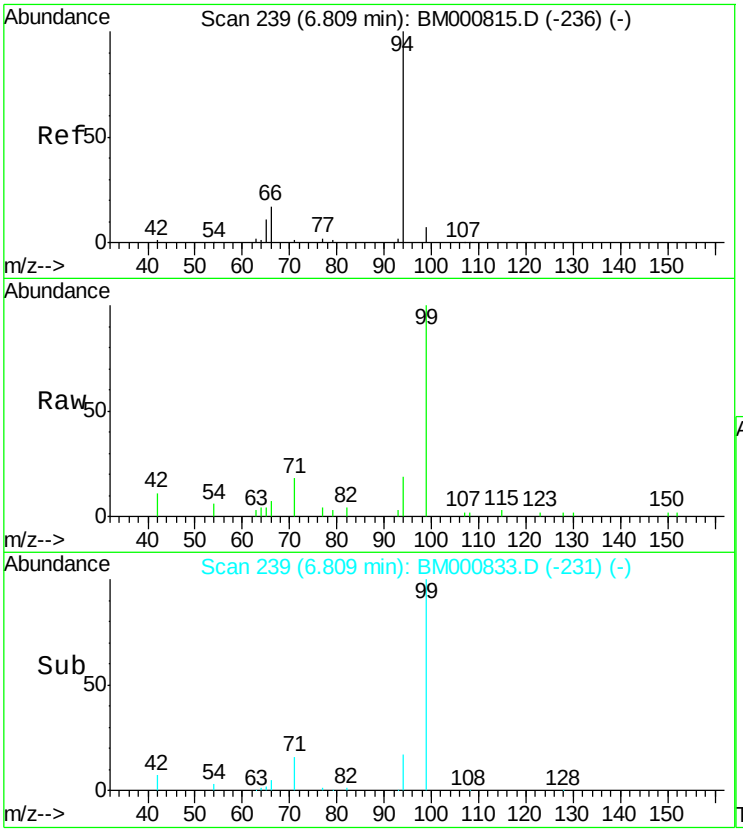


#6
2-Chlorophenol
Concen: 0.28 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:128 Resp: 718

Ion	Ratio	Lower	Upper
128	100		
130	41.7	7.6	47.6
64	50.6	23.1	63.1



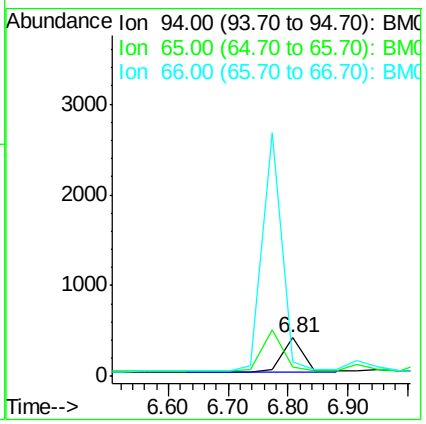


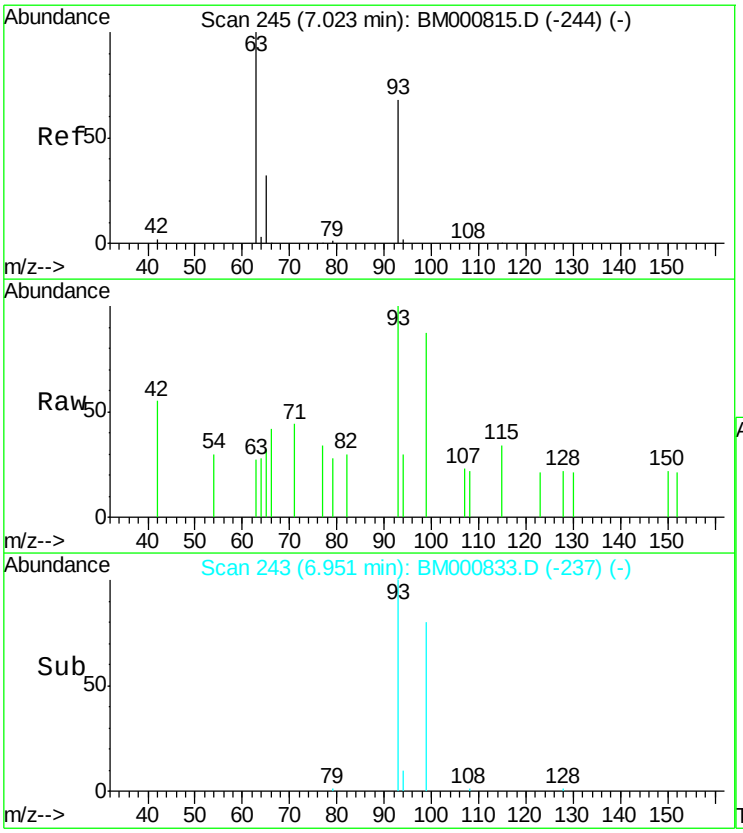
#7
Phenol
Concen: 0.09 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 891

Ion	Ratio	Lower	Upper
94	100		
65	23.5	0.0	32.0
66	37.6	0.0	37.6

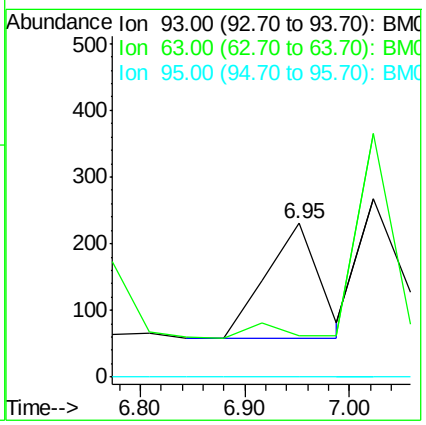


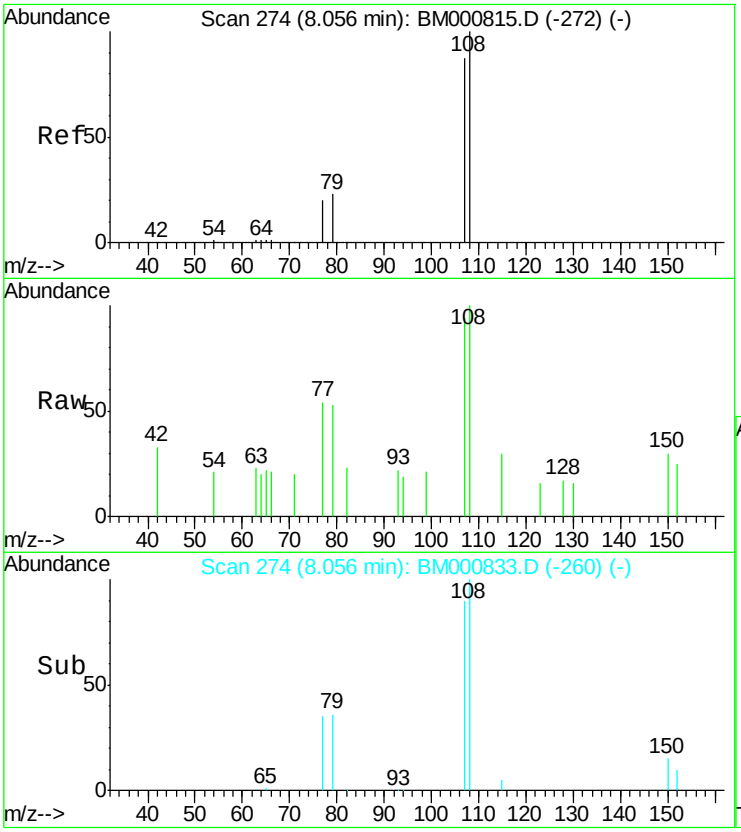


#8
bis(2-Chloroethyl)ether
Concen: 0.27 ng
RT: 6.95 min Scan# 243
Delta R.T. -0.07 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion: 93 Resp: 596

Ion	Ratio	Lower	Upper
93	100		
63	27.0	118.9	158.9#
95	0.0	0.0	20.0



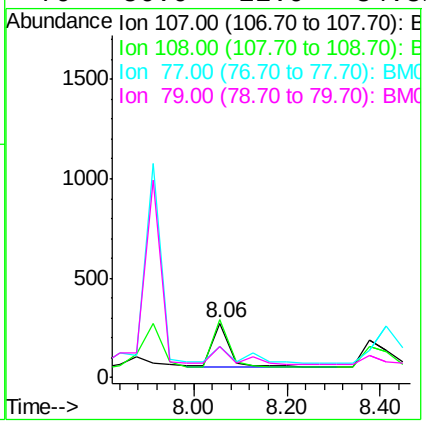


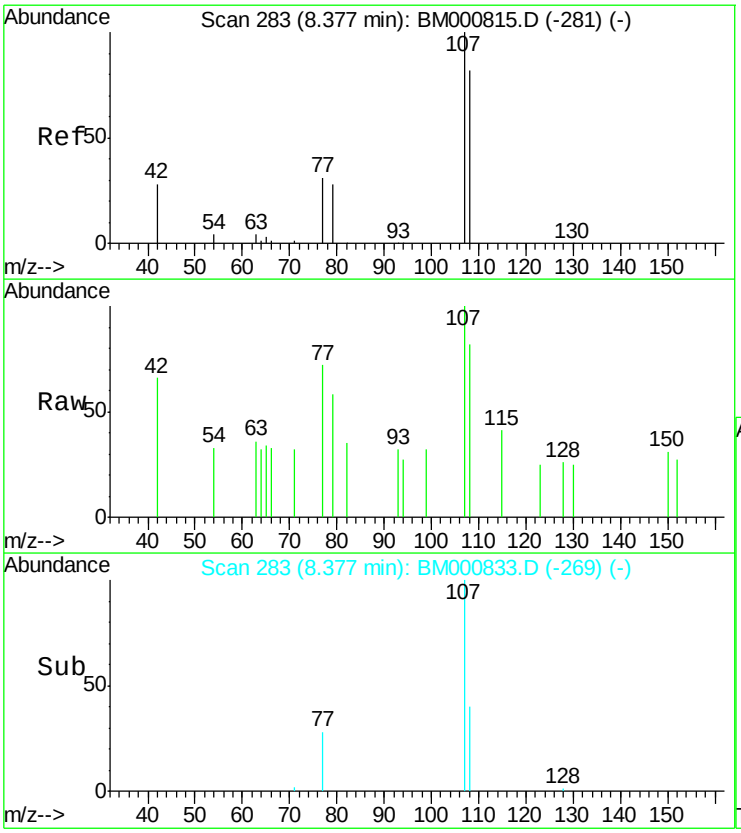
#9
2-Methylphenol
Concen: 0.22 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 543

Ion	Ratio	Lower	Upper
107	100		
108	106.6	92.0	138.0
77	57.9	20.6	31.0#
79	56.0	22.9	34.3#

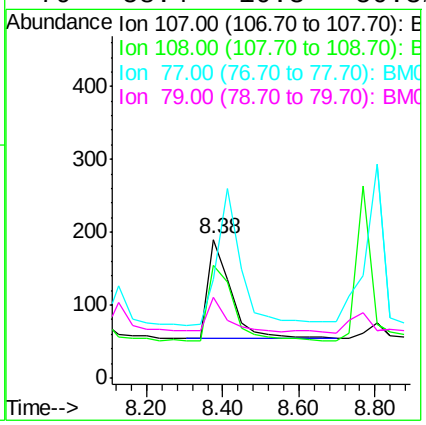


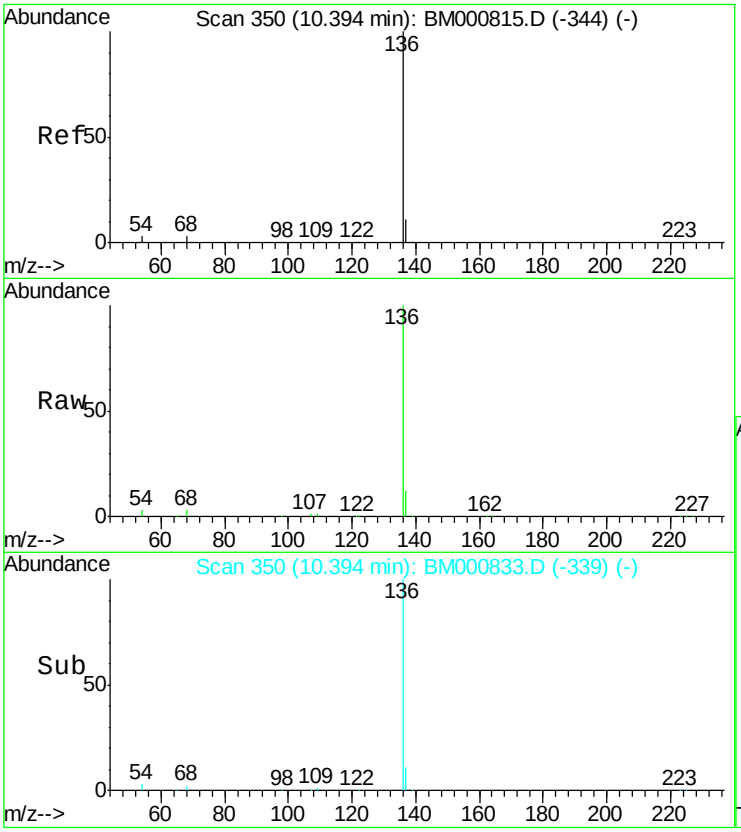


#10
3+4-Methylphenols
Concen: 0.18 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:107 Resp: 566

Ion	Ratio	Lower	Upper
107	100		
108	81.6	62.6	102.6
77	71.6	12.8	52.8#
79	58.4	10.3	50.3#



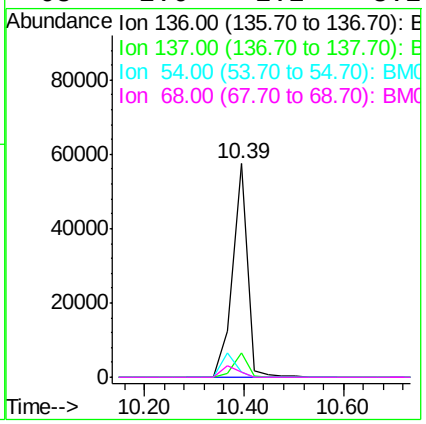


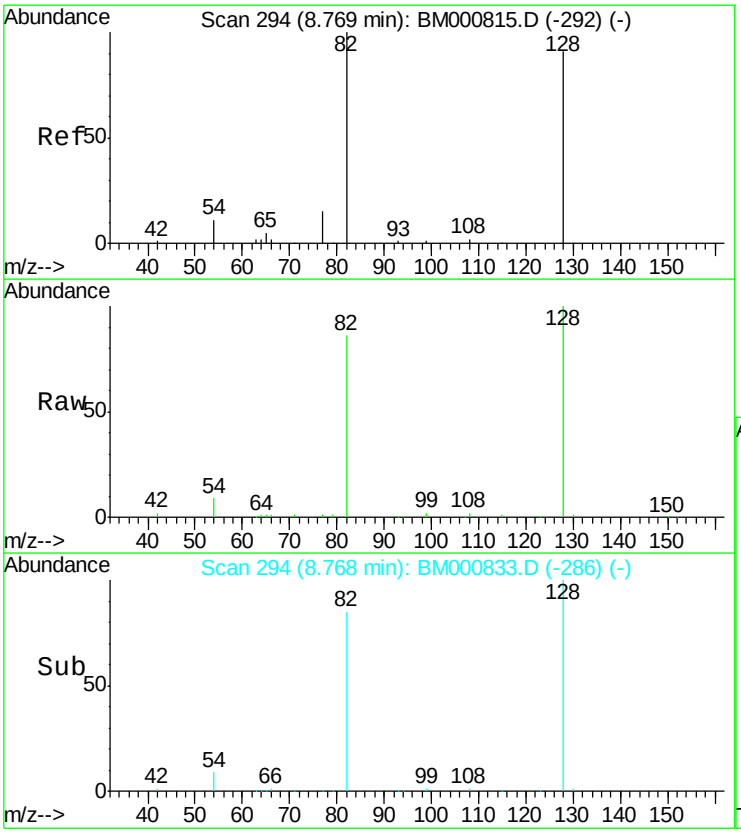
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 118712

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	2.6	2.2	3.4
68	2.6	2.2	3.2

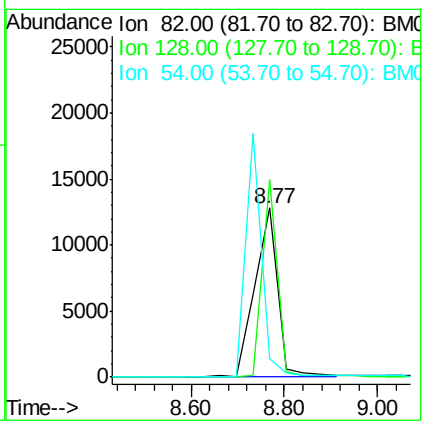


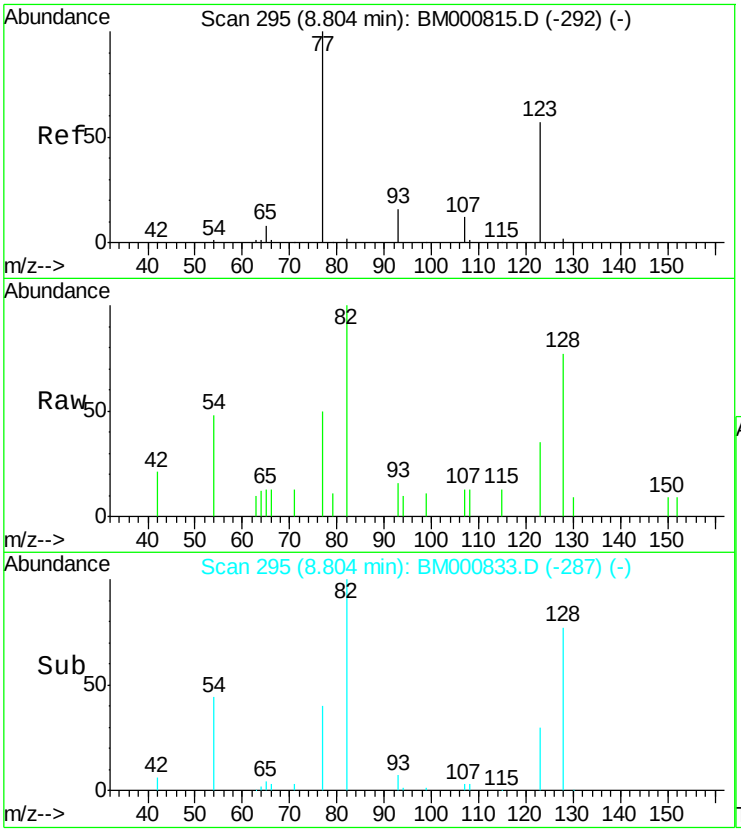


#12
Nitrobenzene-d5
Concen: 7.68 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion: 82 Resp: 42535

Ion	Ratio	Lower	Upper
82	100		
128	116.9	72.5	108.7#
54	10.9	11.8	17.8#



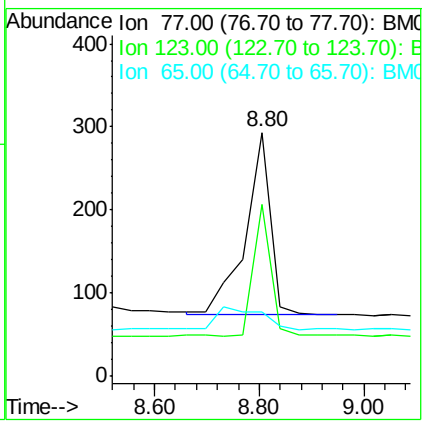


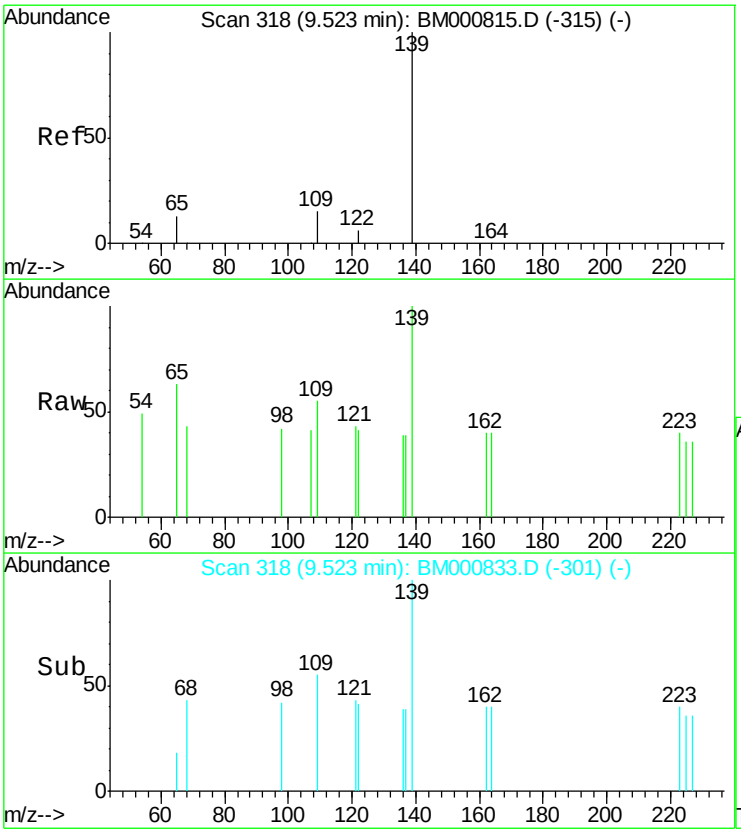
#13
Nitrobenzene
Concen: 0.11 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 725

Ion	Ratio	Lower	Upper
77	100		
123	70.6	45.8	68.6#
65	26.6	8.2	12.4#

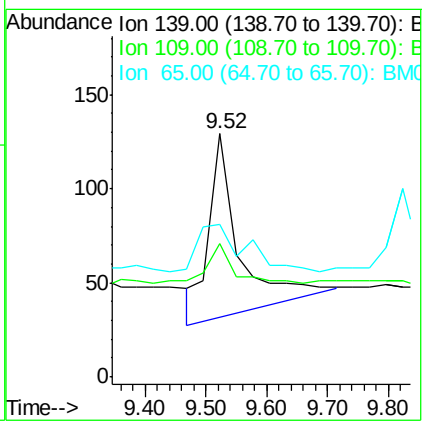


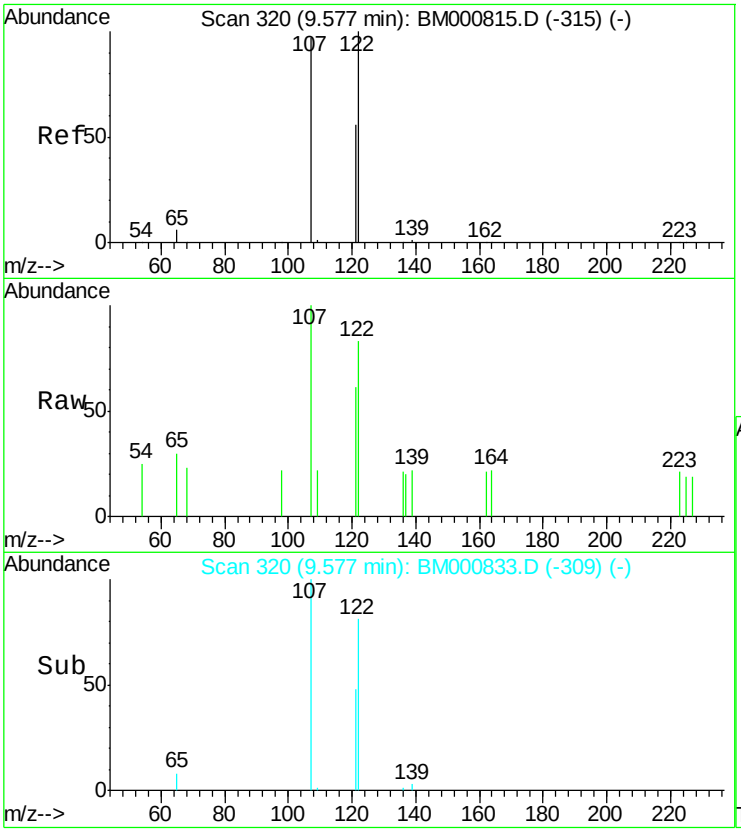


#14
2-Nitrophenol
Concen: 0.27 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:139 Resp: 343

Ion	Ratio	Lower	Upper
139	100		
109	55.0	15.0	22.6#
65	62.8	14.2	21.4#



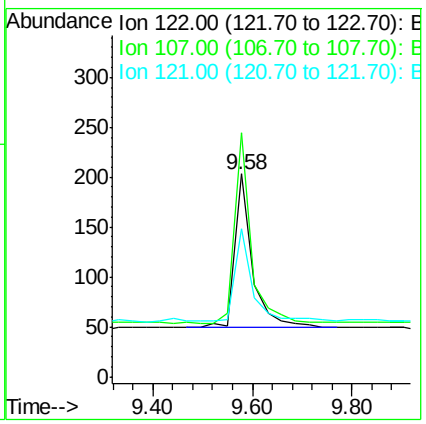


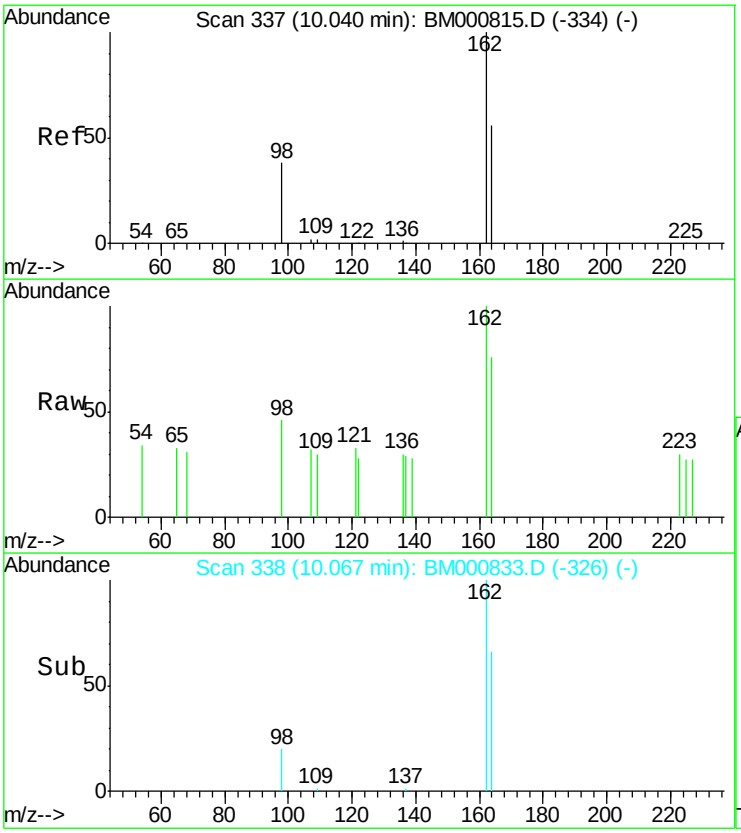
#15
2,4-Dimethylphenol
Concen: 0.06 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 381

Ion	Ratio	Lower	Upper
122	100		
107	120.2	78.2	117.4#
121	72.9	45.4	68.0#

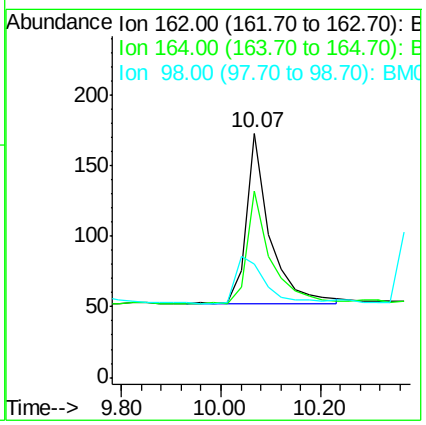


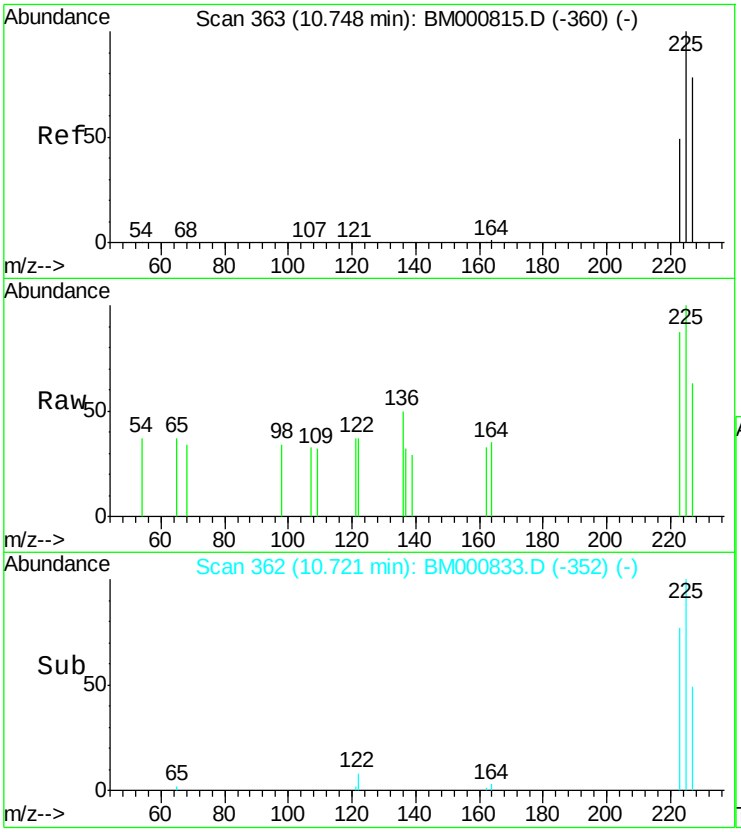


#16
2,4-Dichlorophenol
Concen: 0.27 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:162 Resp: 404

Ion	Ratio	Lower	Upper
162	100		
164	76.3	37.1	77.1
98	46.2	19.5	59.5



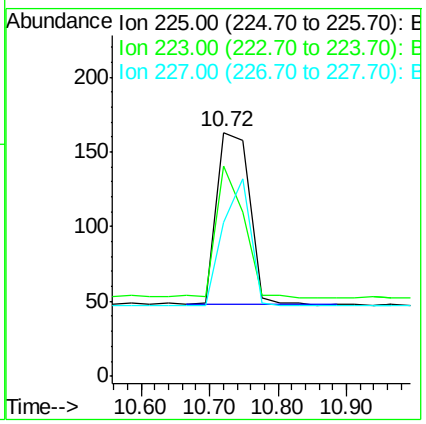


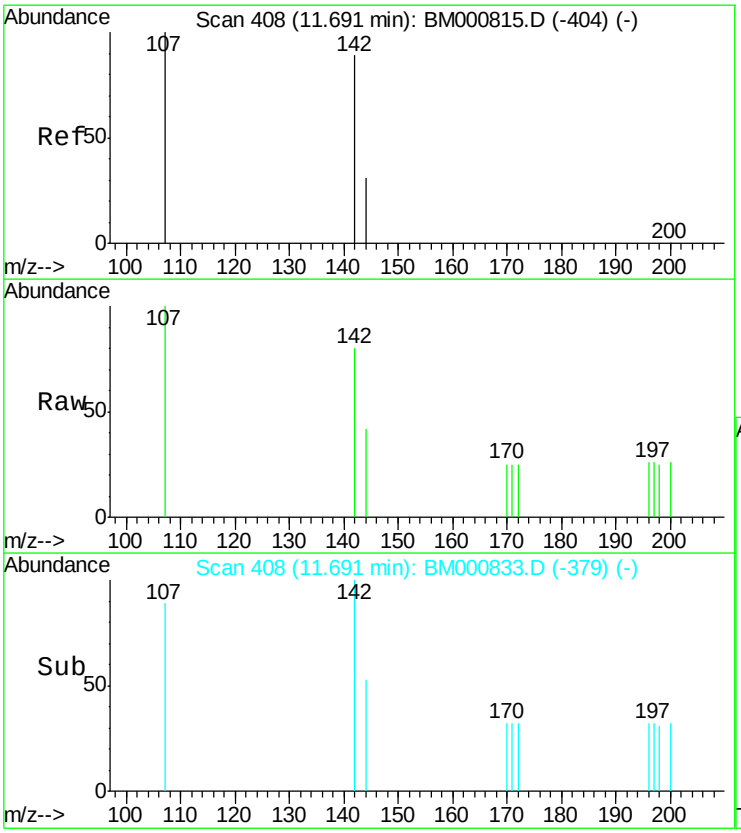
#17
Hexachlorobutadiene
Concen: 0.08 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.03 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 377

Ion	Ratio	Lower	Upper
225	100		
223	86.5	40.8	61.2#
227	63.2	62.8	94.2

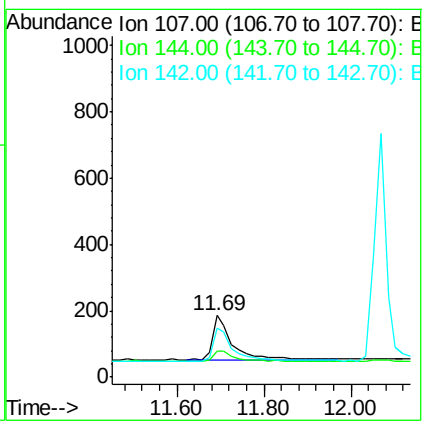


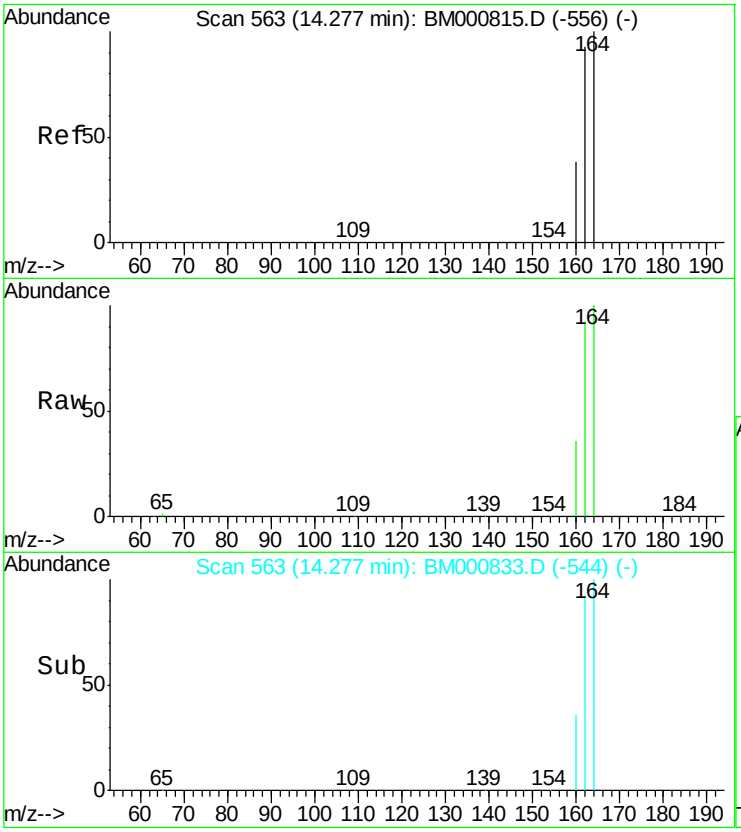


#18
4-Chloro-3-methylphenol
Concen: 0.07 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:107 Resp: 420

Ion	Ratio	Lower	Upper
107	100		
144	42.2	25.8	38.8#
142	80.0	71.3	106.9



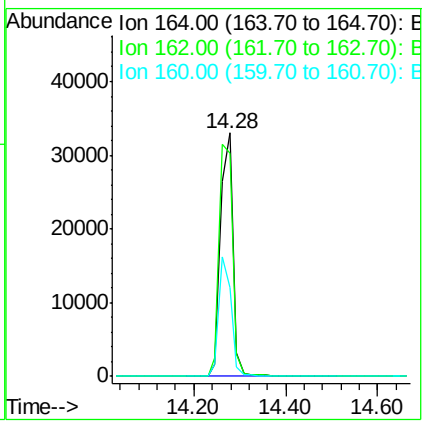


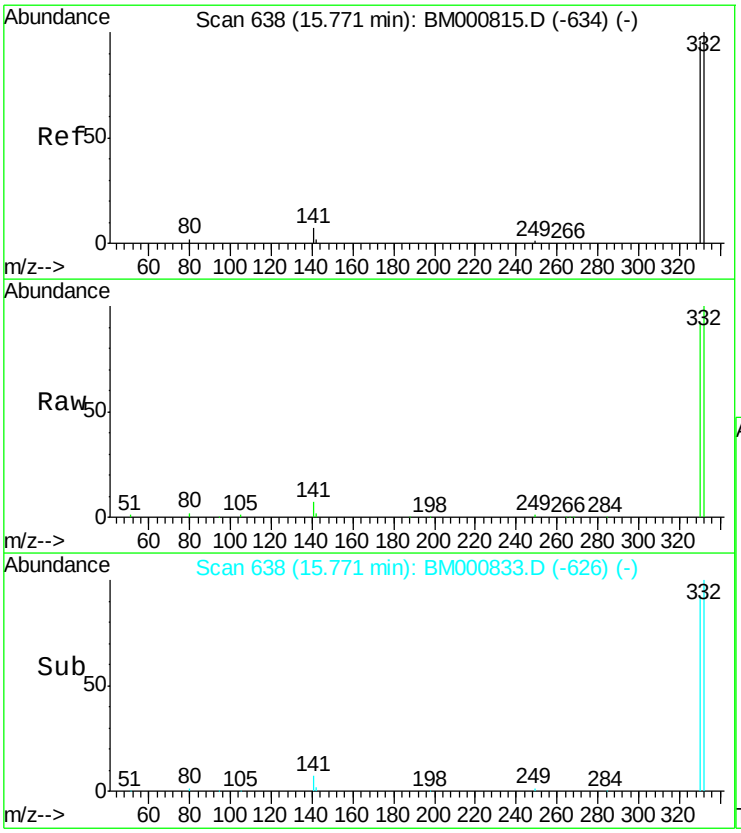
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 60370

Ion	Ratio	Lower	Upper
164	100		
162	91.6	74.2	111.2
160	36.3	30.4	45.6

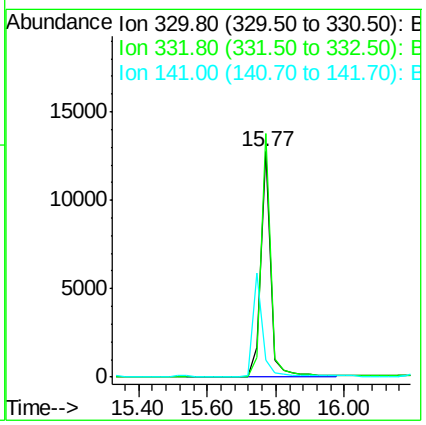


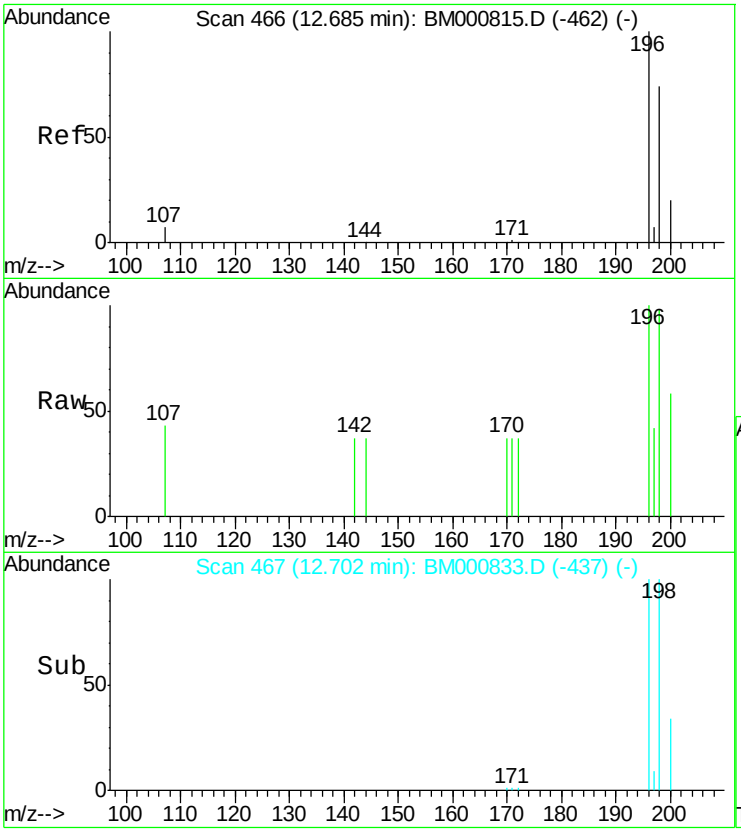


#20
2,4,6-Tribromophenol
Concen: 9.70 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:330 Resp: 24811

Ion	Ratio	Lower	Upper
330	100		
332	103.0	78.7	118.1
141	0.0	0.0	0.0



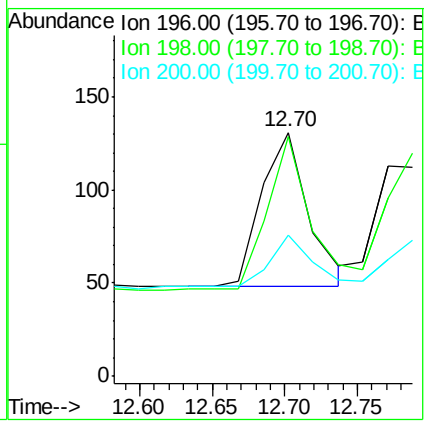


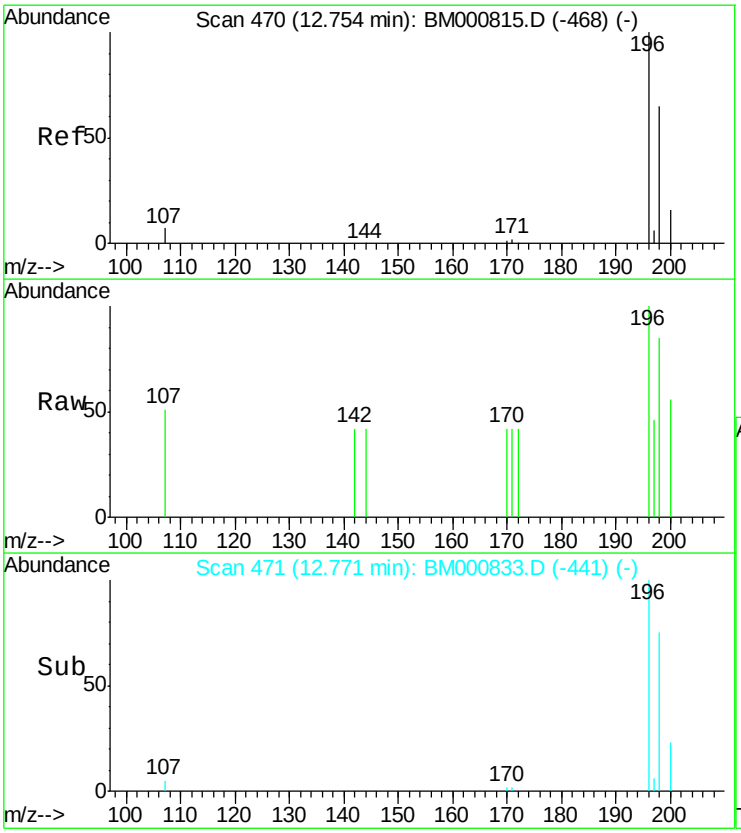
#21
2,4,6-Trichlorophenol
Concen: 0.17 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 187

Ion	Ratio	Lower	Upper
196	100		
198	98.5	59.5	89.3#
200	58.0	17.4	26.0#

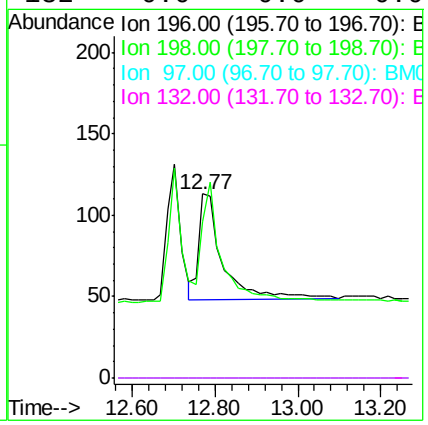


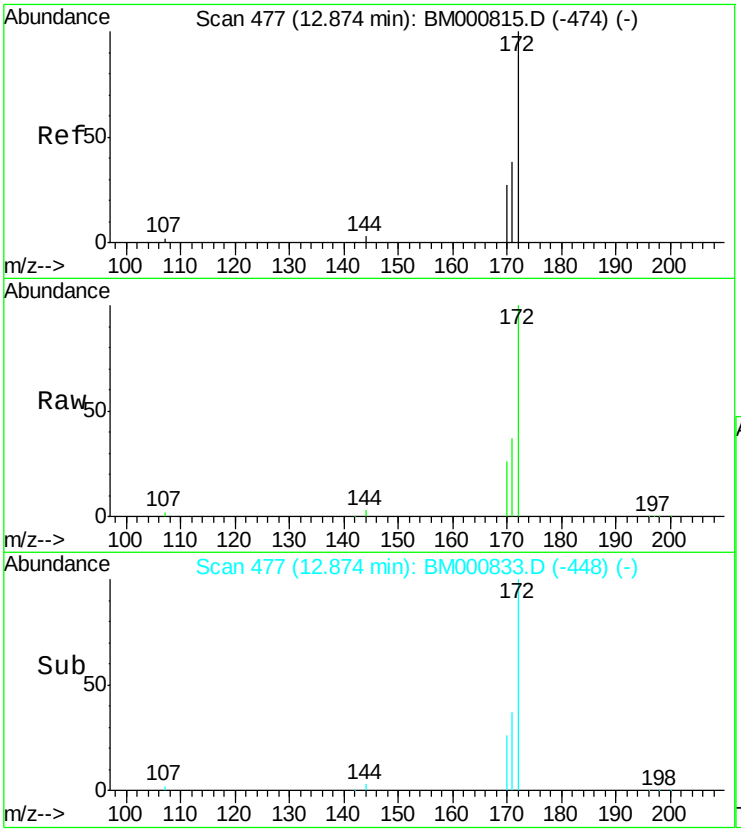


#22
2,4,5-Trichlorophenol
Concen: 0.17 ng
RT: 12.77 min Scan# 471
Delta R.T. 0.02 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:196 Resp: 259

Ion	Ratio	Lower	Upper
196	100		
198	85.0	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0



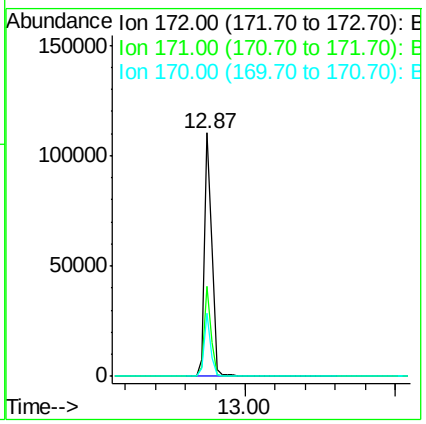


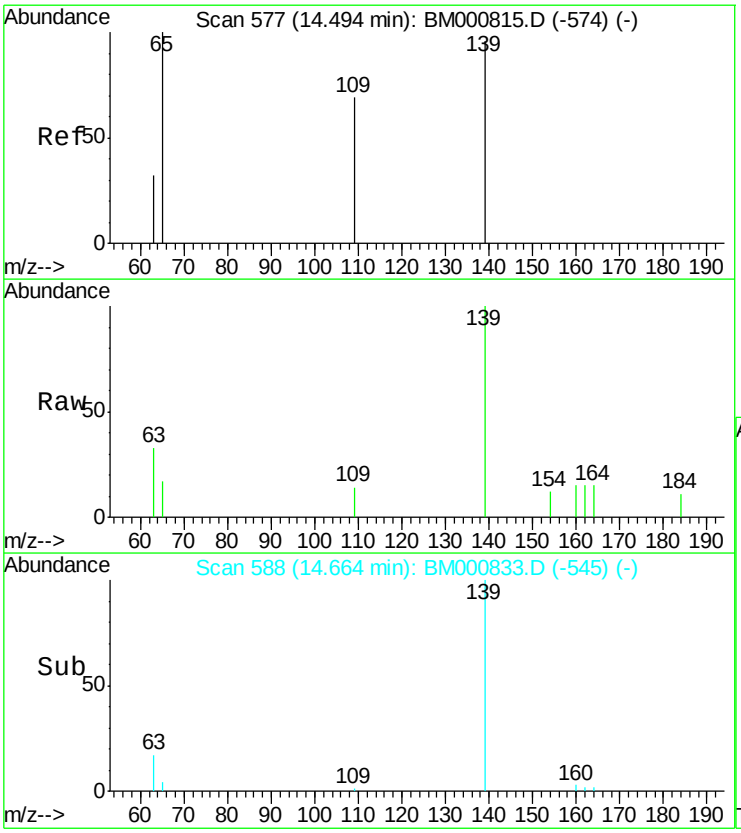
#23
2-Fluorobiphenyl
Concen: 10.12 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 188198

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	25.9	22.2	33.2

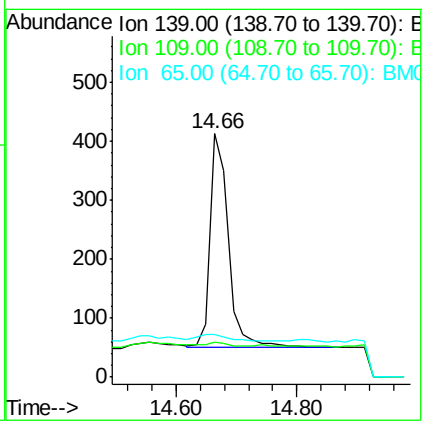


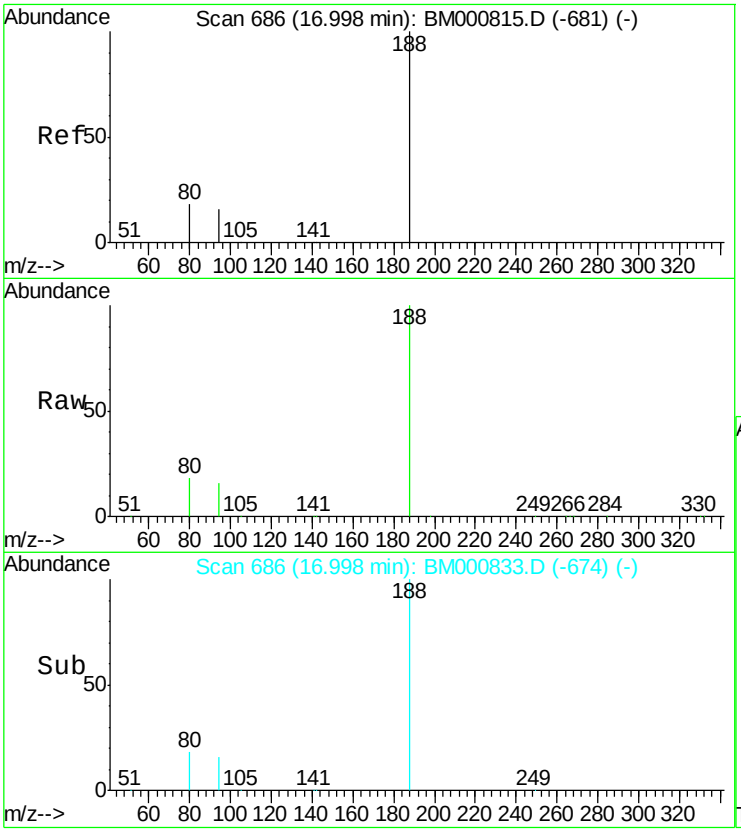


#25
4-Nitrophenol
Concen: 0.74 ng
RT: 14.66 min Scan# 588
Delta R.T. 0.17 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:139 Resp: 763

Ion	Ratio	Lower	Upper
139	100		
109	14.3	58.2	98.2#
65	17.4	90.4	130.4#



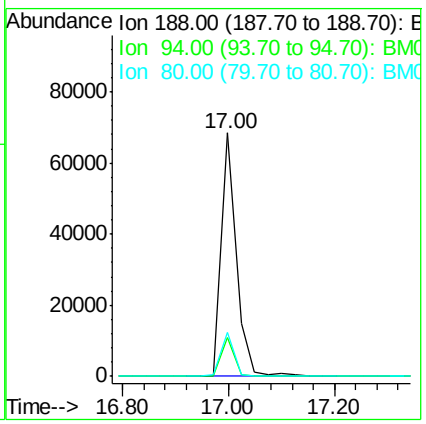


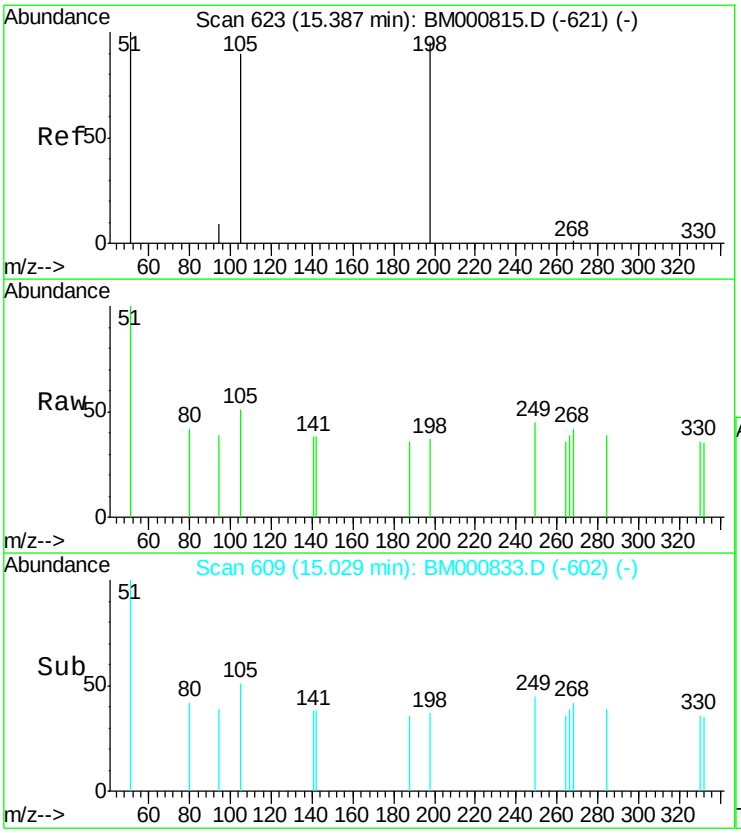
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 132745

Ion	Ratio	Lower	Upper
188	100		
94	15.8	13.0	19.6
80	18.0	14.7	22.1

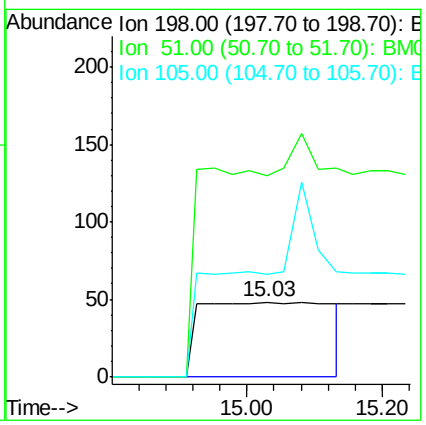


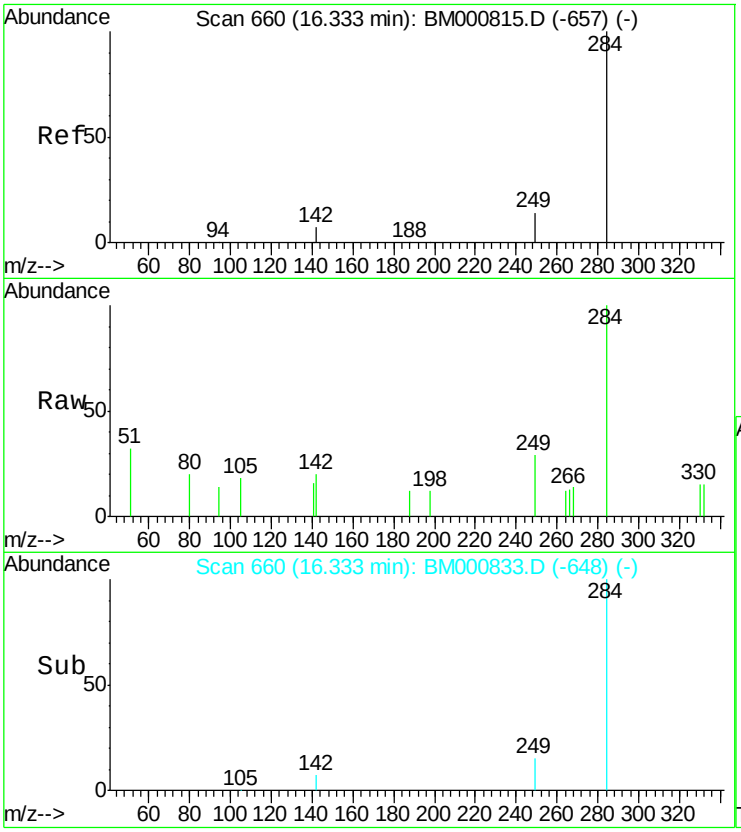


#27
4,6-Dinitro-2-methylphenol
Concen: 0.61 ng
RT: 15.03 min Scan# 609
Delta R.T. -0.36 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:198 Resp: 623

Ion	Ratio	Lower	Upper
198	100		
51	270.8	139.3	179.3#
105	137.5	88.8	128.8#



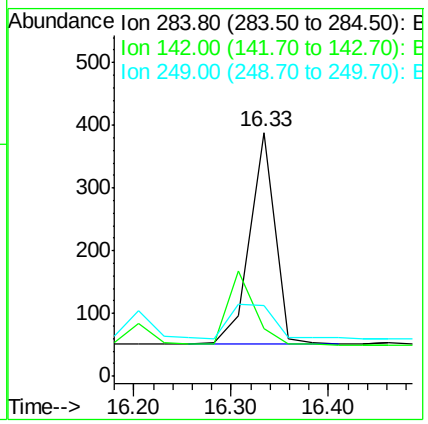


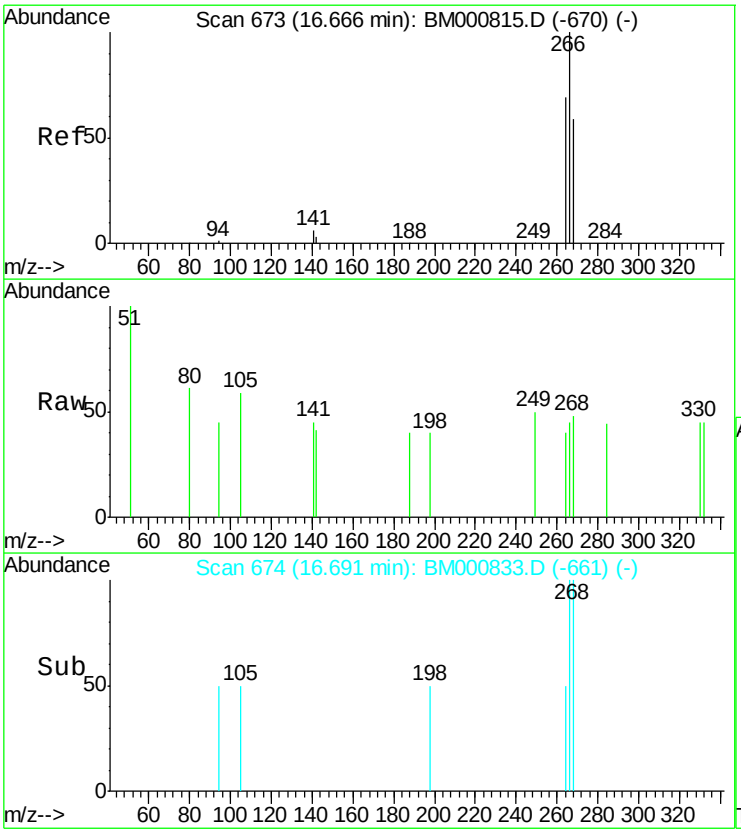
#28
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 608

Ion	Ratio	Lower	Upper
284	100		
142	19.6	6.5	9.7#
249	28.9	12.6	18.8#

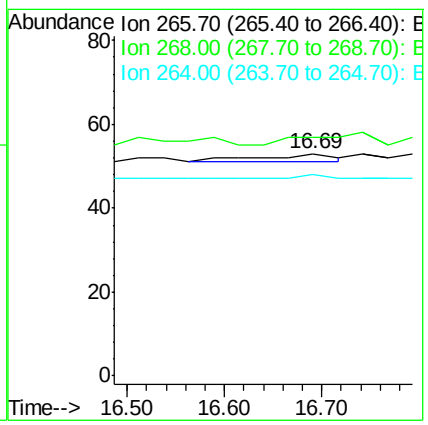


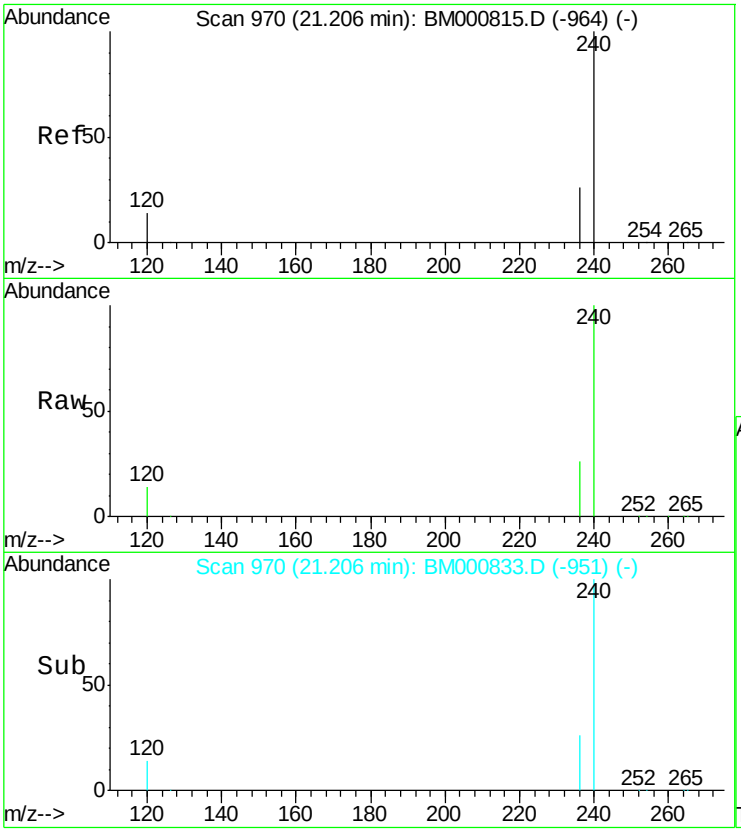


#29
Pentachlorophenol
Concen: 0.45 ng
RT: 16.69 min Scan# 674
Delta R.T. 0.03 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
268	107.5	51.4	77.0#
264	90.6	57.1	85.7#



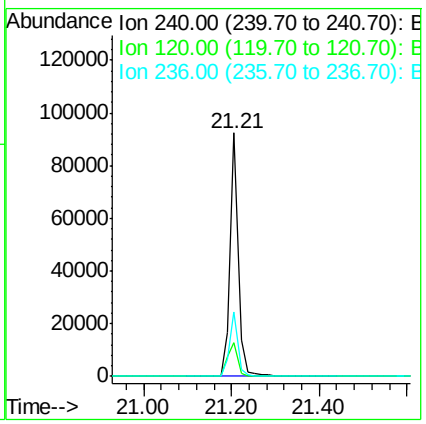


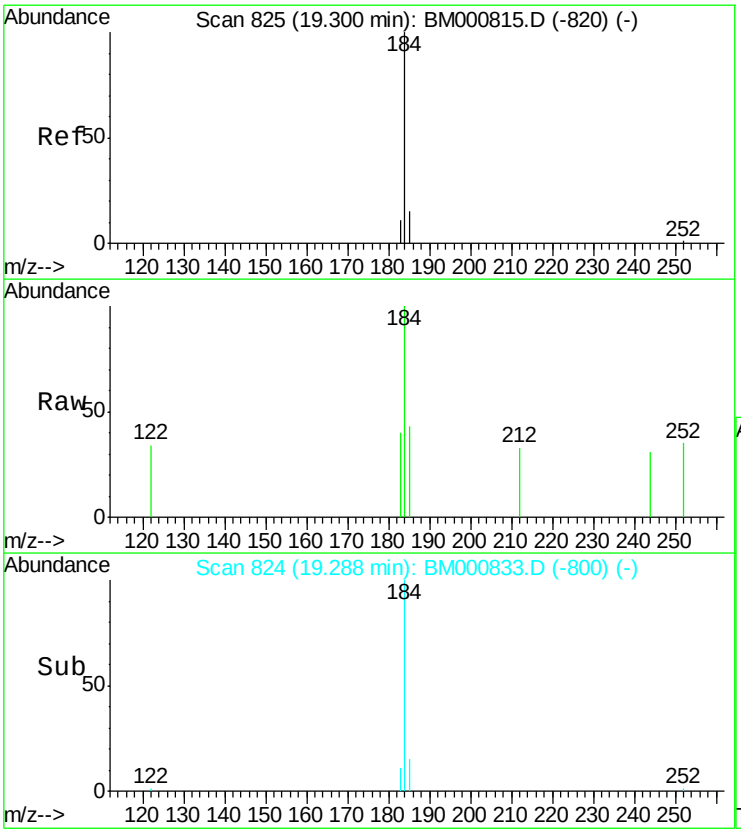
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 118802

Ion	Ratio	Lower	Upper
240	100		
120	13.8	11.3	16.9
236	26.3	21.1	31.7

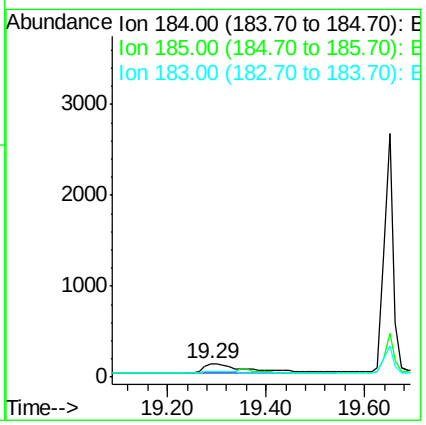


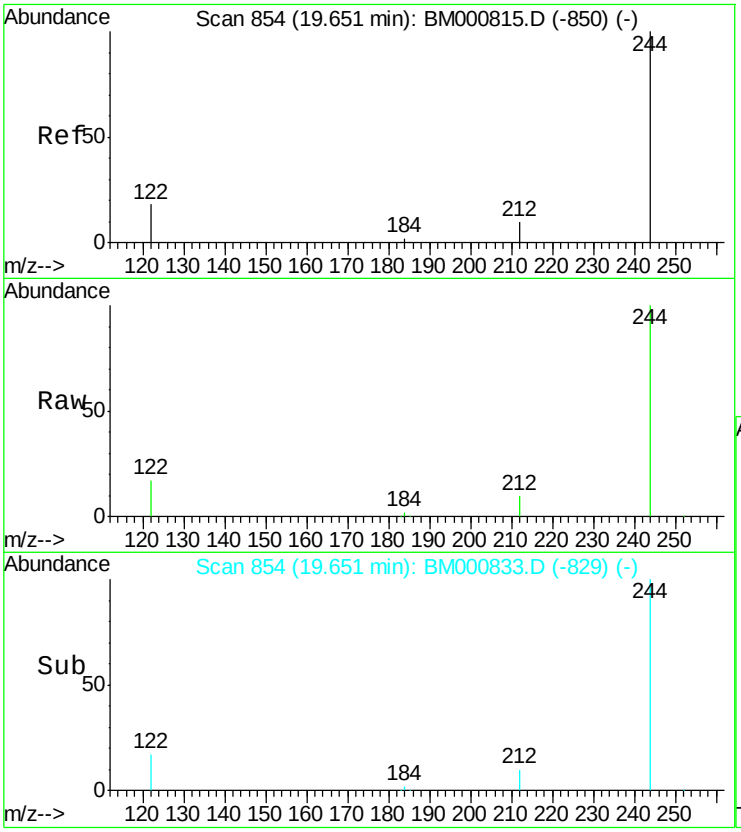


#31
Benzidine
Concen: 0.25 ng
RT: 19.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:184 Resp: 620

Ion	Ratio	Lower	Upper
184	100		
185	42.7	39.1	58.7
183	40.0	36.1	54.1



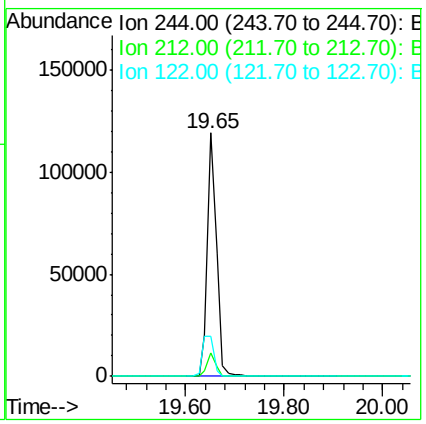


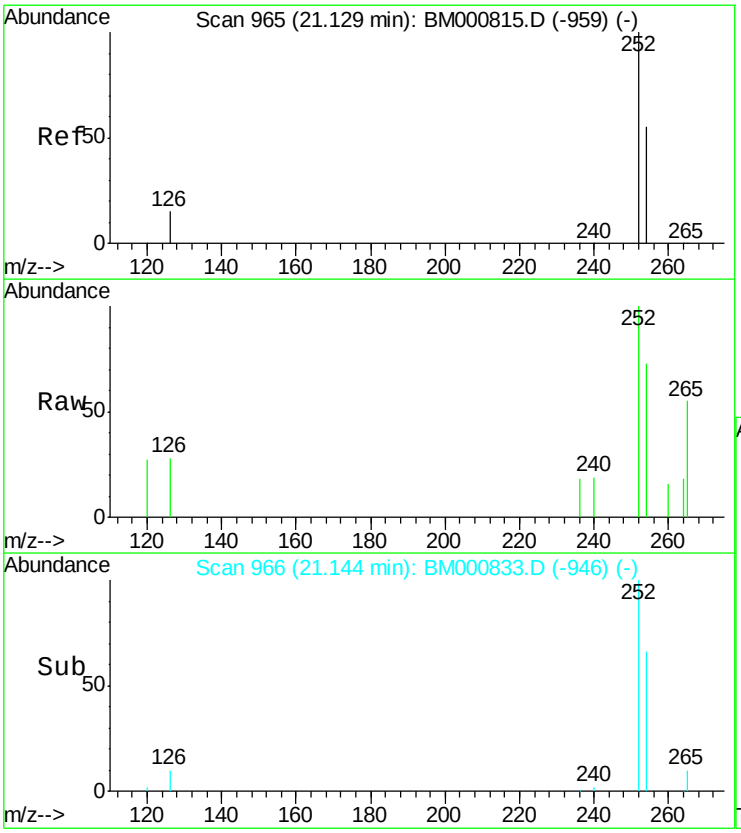
#32
Terphenyl-d14
Concen: 10.68 ng
RT: 19.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 152728

Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.0	12.0
122	16.6	14.7	22.1

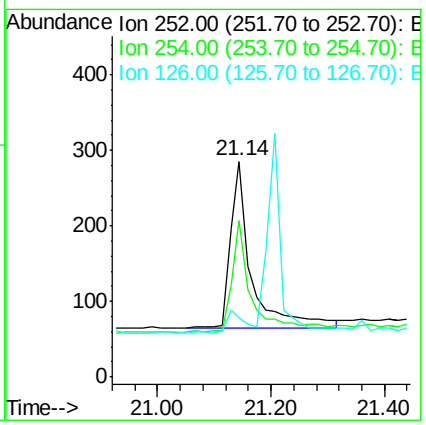


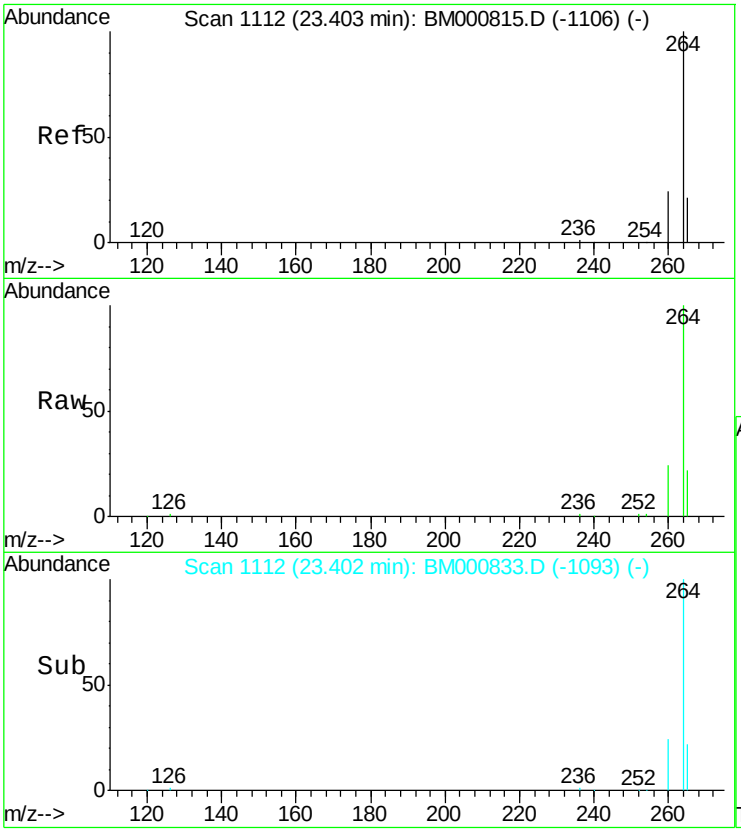


#33
3,3'-Dichlorobenzidine
Concen: 0.25 ng
RT: 21.14 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM000833.D
Acq: 03 Apr 2015 08:54

Tgt Ion:252 Resp: 582

Ion	Ratio	Lower	Upper
252	100		
254	72.6	44.5	66.7#
126	27.7	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: BM000833.D
Acq: 03 Apr 2015 08:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 107414

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.3	17.5	26.3