Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000837.D
Acq On : 03 Apr 2015 11:18
Operator : TP/IZ
Sample : MDL-06-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 03 16:31:10 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	25286	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	119113	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	60733	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	126049	5.00	ng		0.00
30) Chrysene-d12	21.21	240	113150	5.00	ng		0.00
34) Perylene-d12	23.40	264	102751	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	86563	12.43	ng		0.00
5) Phenol-d6	6.77	99	146990	11.00	ng		0.00
12) Nitrobenzene-d5	8.77	82	40338	7.26	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	22656	8.82	ng		0.00
32) Terphenyl-d14	19.65	244	137221	10.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	764	0.08	ng	#	52
3) n-Nitrosodimethylamine	3.48	42	237	0.07	ng	#	1
6) 2-Chlorophenol	7.17	128	763	0.28	ng		85
7) Phenol	6.81	94	938	0.09	ng		64
8) bis(2-Chloroethyl)ether	6.95	93	622	0.28	ng	#	6
9) 2-Methylphenol	8.06	107	577	0.23	ng	#	76
10) 3+4-Methylphenols	8.38	107	564	0.18	ng	#	72
13) Nitrobenzene	8.80	77	684	0.11	ng	#	80
14) 2-Nitrophenol	9.52	139	211	0.23	ng	#	4
15) 2,4-Dimethylphenol	9.58	122	420	0.06	ng	#	77
16) 2,4-Dichlorophenol	10.07	162	430	0.27	ng	#	77
17) Hexachlorobutadiene	10.72	225	395	0.09	ng	#	69
18) 4-Chloro-3-methylphenol	11.69	107	442	0.07	ng	#	89
21) 2,4,6-Trichlorophenol	12.70	196	193	0.17	ng	#	61
22) 2,4,5-Trichlorophenol	12.77	196	274	0.17	ng		88
23) 2-Fluorobiphenyl	12.87	172	172703	9.23	ng		97
24) 2,4-Dinitrophenol	14.40	184	1	0.00	ng	#	58
25) 4-Nitrophenol	14.66	139	821	0.77	ng	#	18
27) 4,6-Dinitro-2-methylphenol	15.74	198	58	0.17	ng	#	5
28) Hexachlorobenzene	16.33	284	644	0.15	ng	#	71
29) Pentachlorophenol	16.67	266	11	0.45	ng	#	63
31) Benzidine	19.29	184	688	0.30	ng		90
33) 3,3'-Dichlorobenzidine	21.14	252	626	0.25	ng	#	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000837.D
Acq On : 03 Apr 2015 11:18
Operator : TP/IZ
Sample : MDL-06-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 03 16:31:10 2015
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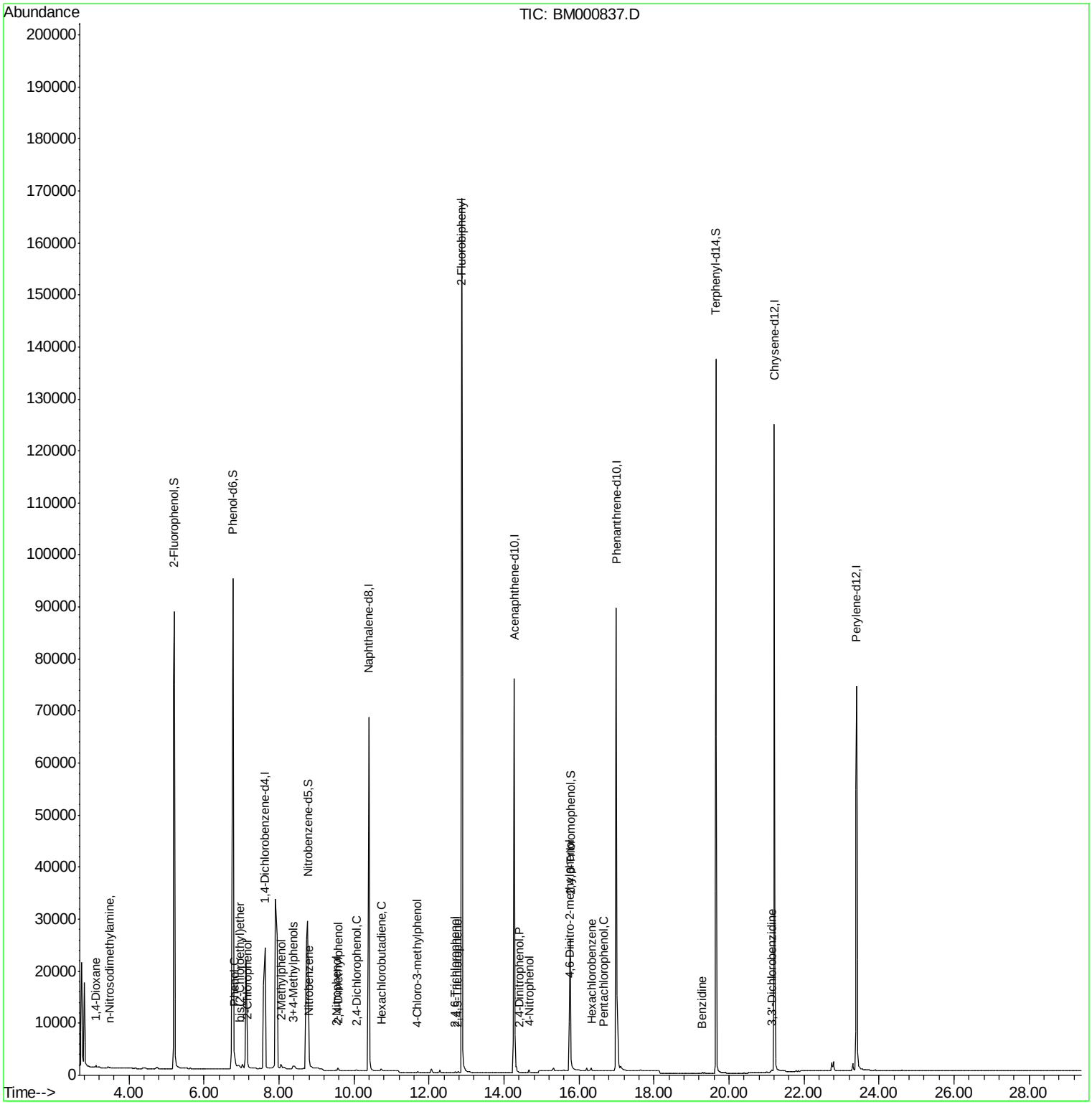
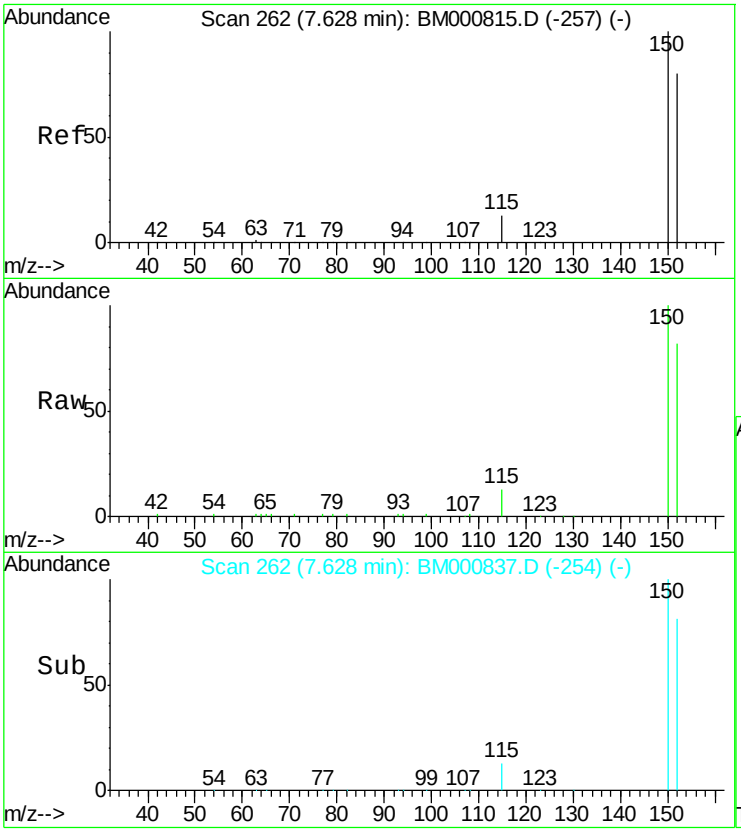
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 13:56:22 2015
Response via : Initial Calibration



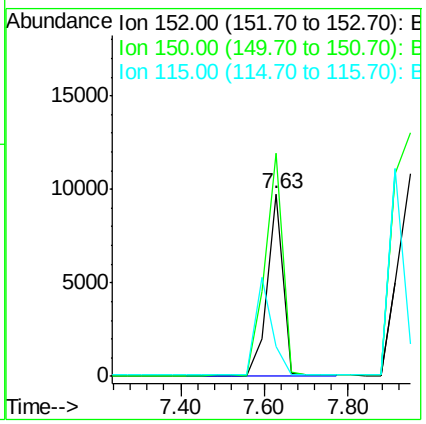


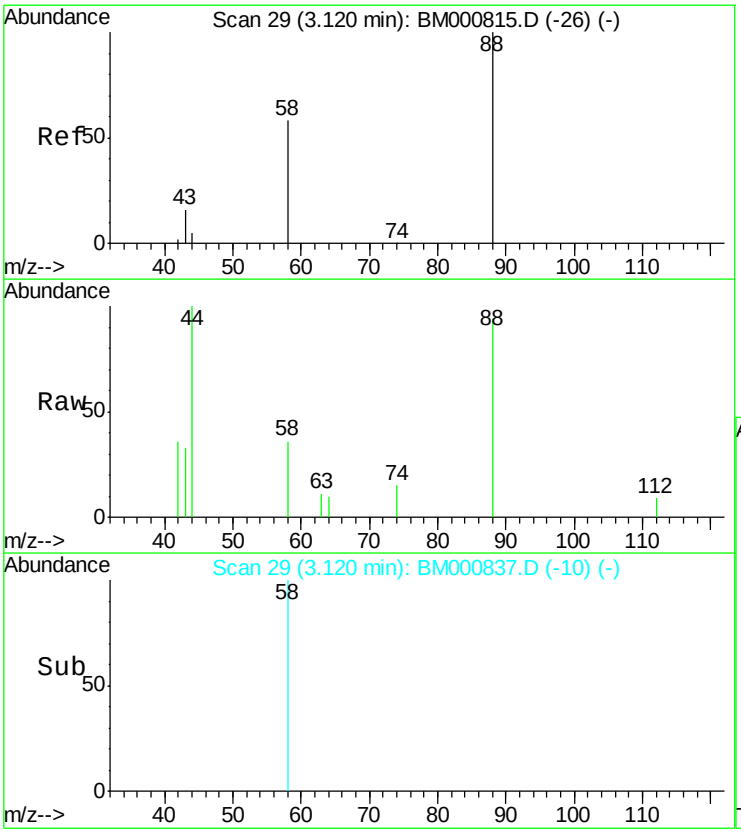
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 25286

Ion	Ratio	Lower	Upper
152	100		
150	122.7	99.8	149.6
115	16.4	13.5	20.3

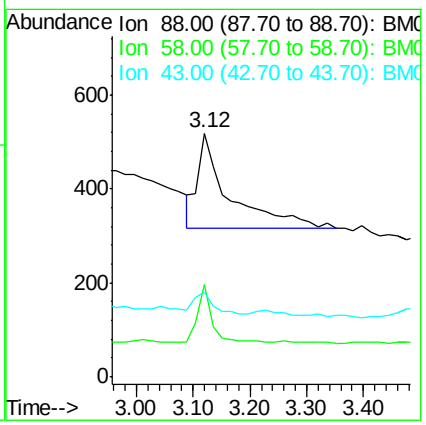


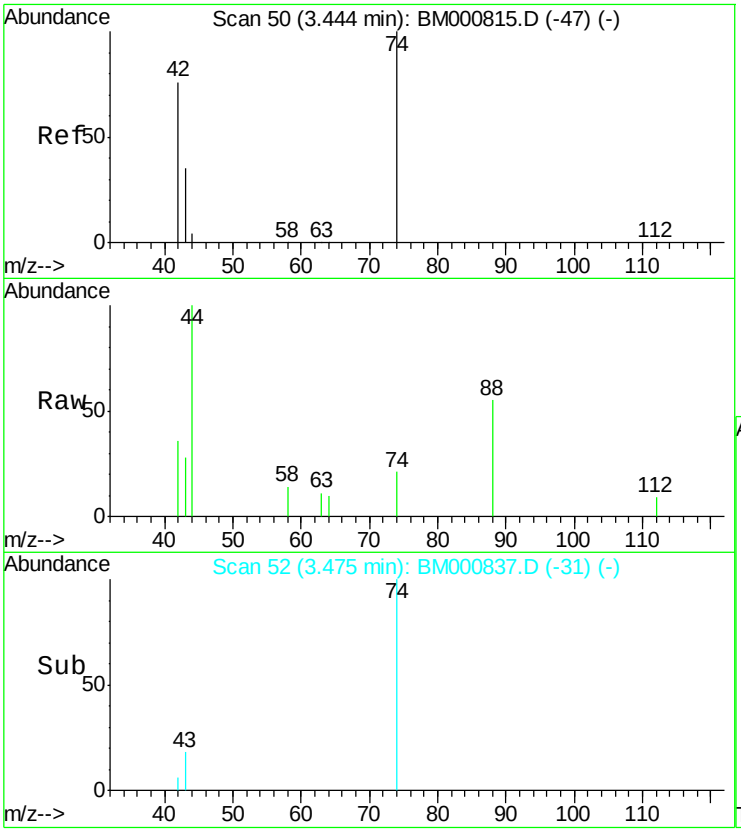


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion: 88 Resp: 764

Ion	Ratio	Lower	Upper
88	100		
58	27.7	57.0	85.4#
43	13.9	29.2	43.8#



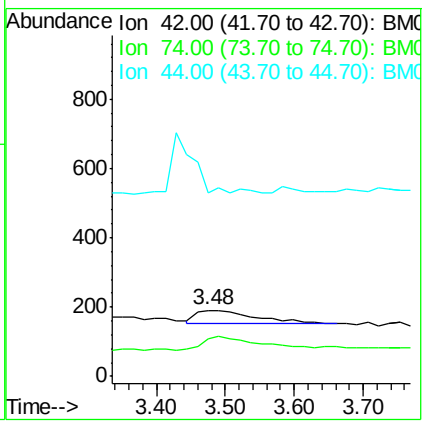


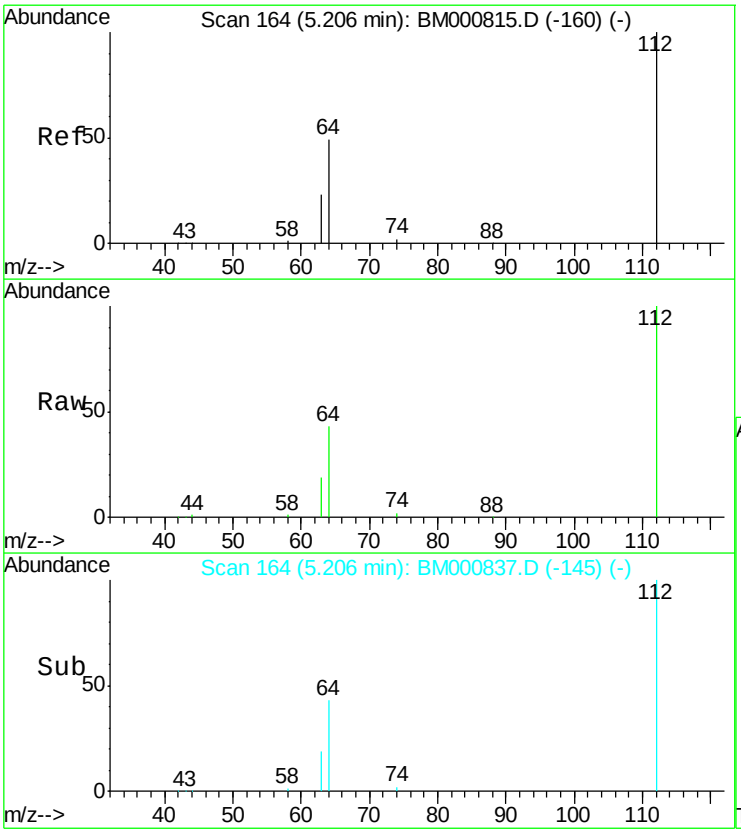
#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.48 min Scan# 52
Delta R.T. 0.03 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 237

Ion	Ratio	Lower	Upper
42	100		
74	57.6	93.1	139.7#
44	276.4	56.6	85.0#

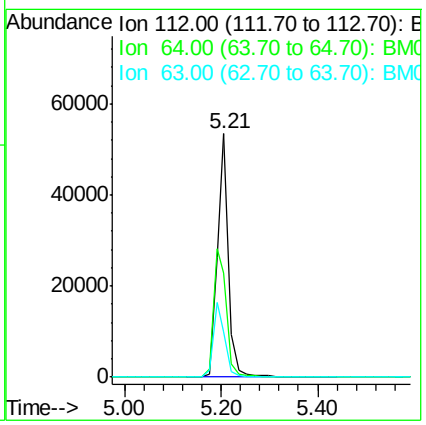


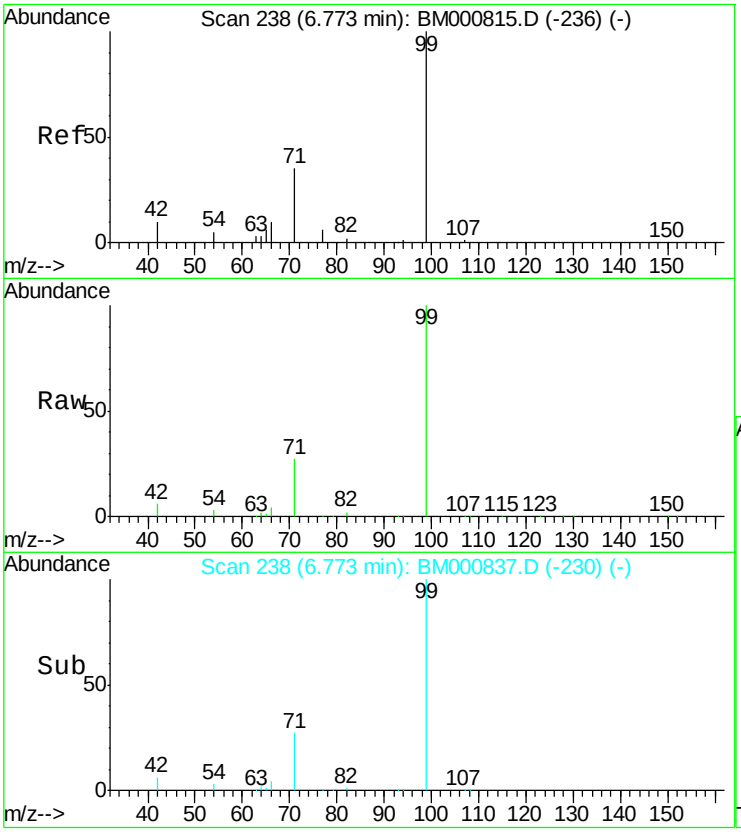


#4
2-Fluorophenol
Concen: 12.43 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:112 Resp: 86563

Ion	Ratio	Lower	Upper
112	100		
64	42.8	40.3	60.5
63	18.7	19.0	28.4#



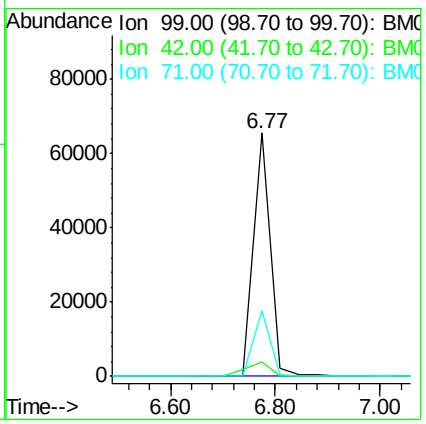


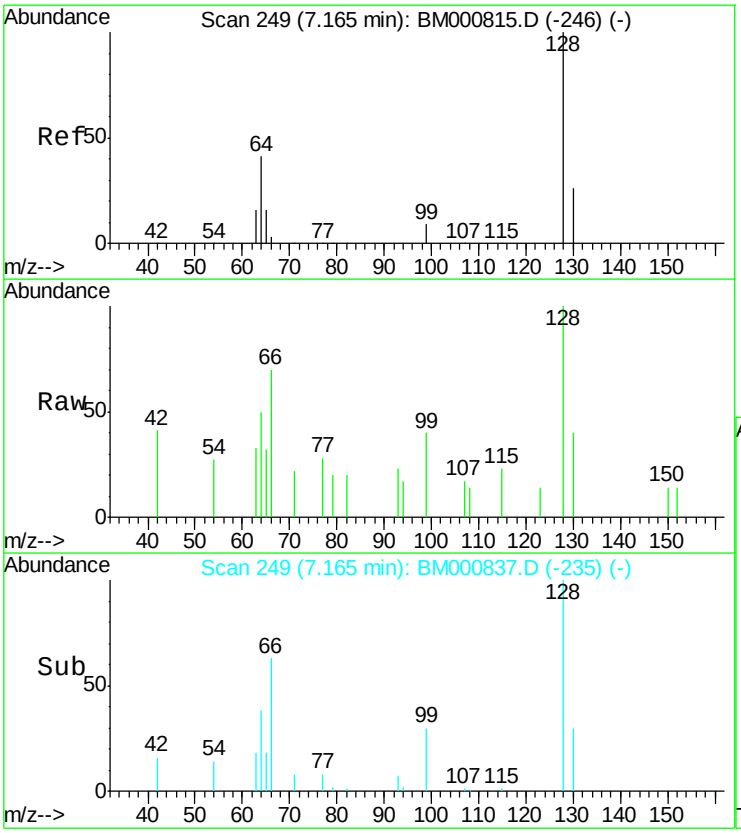
#5
Phenol-d6
Concen: 11.00 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 146990

Ion	Ratio	Lower	Upper
99	100		
42	6.0	10.2	15.4#
71	27.0	28.6	43.0#

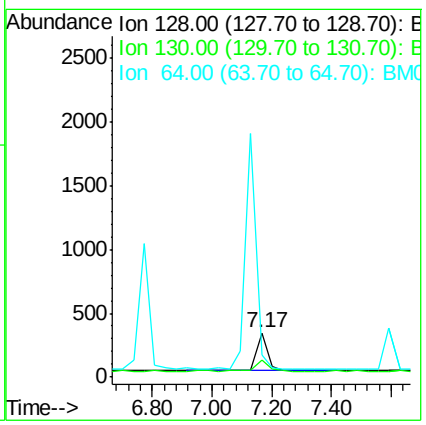


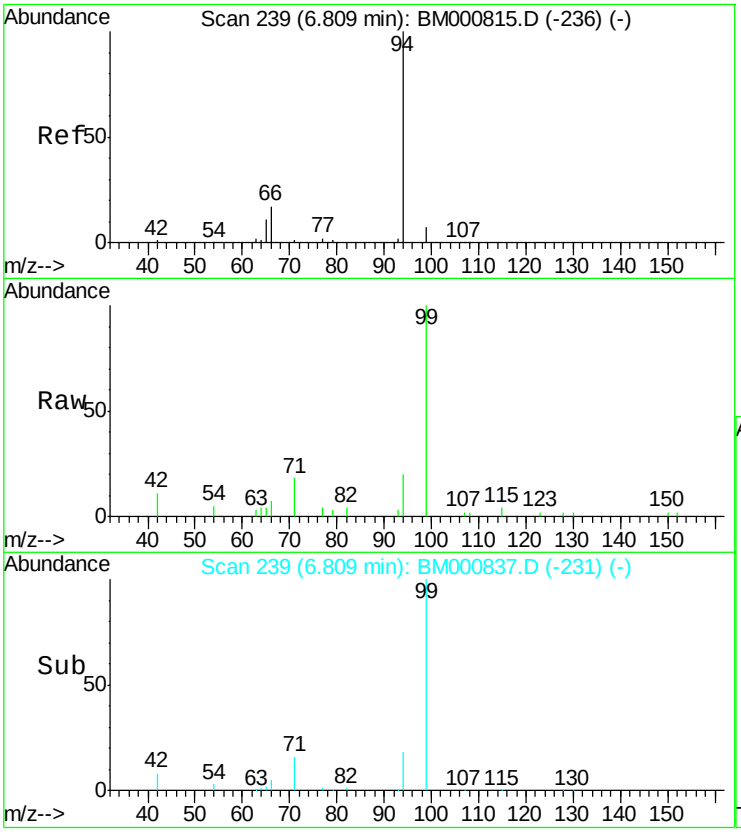


#6
2-Chlorophenol
Concen: 0.28 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:128 Resp: 763

Ion	Ratio	Lower	Upper
128	100		
130	39.6	7.6	47.6
64	49.7	23.1	63.1



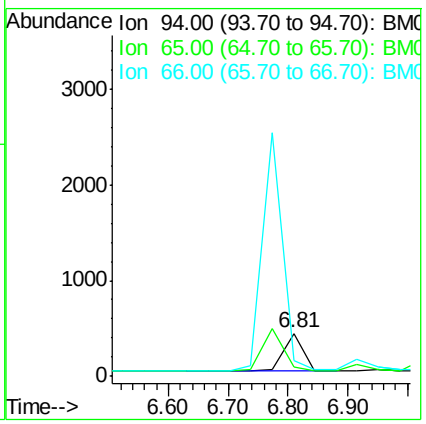


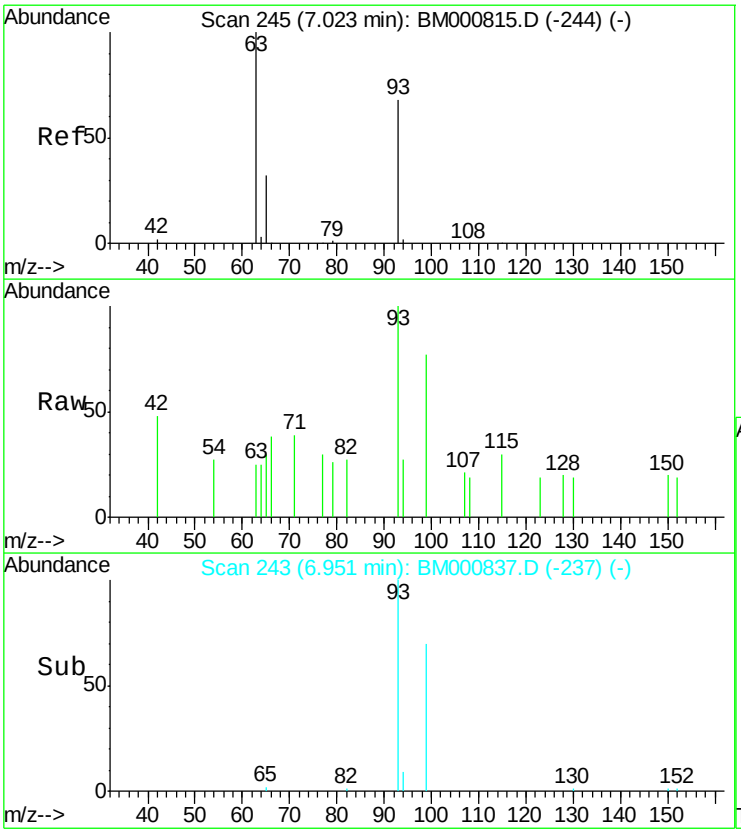
#7
Phenol
Concen: 0.09 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 938

Ion	Ratio	Lower	Upper
94	100		
65	22.1	0.0	32.0
66	36.5	0.0	37.6

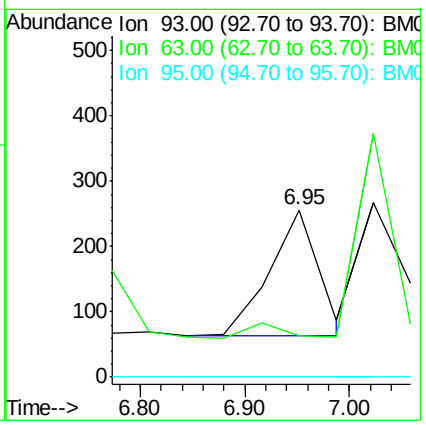


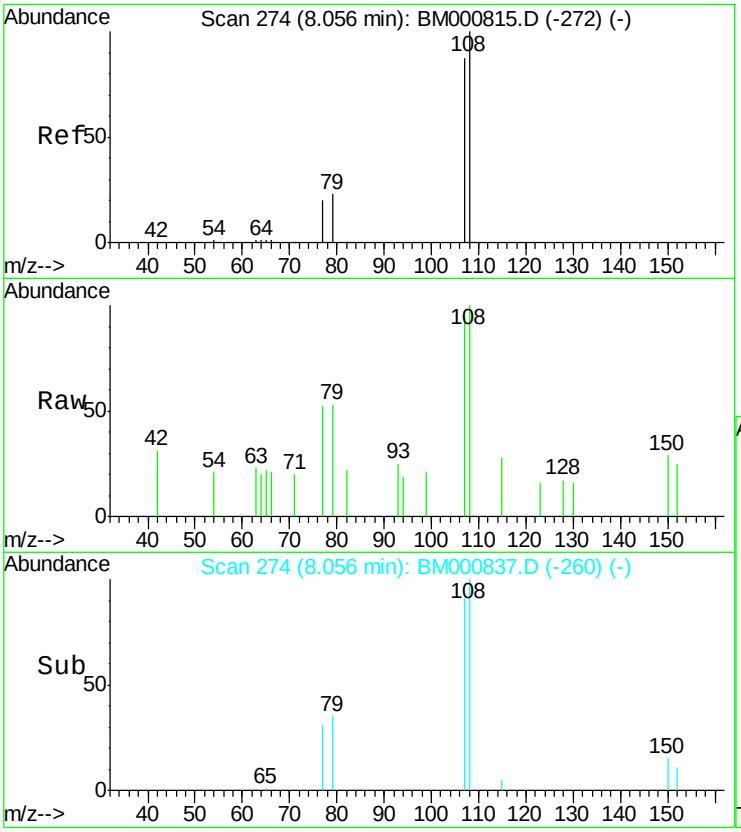


#8
bis(2-Chloroethyl)ether
Concen: 0.28 ng
RT: 6.95 min Scan# 243
Delta R.T. -0.07 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion: 93 Resp: 622

Ion	Ratio	Lower	Upper
93	100		
63	25.0	118.9	158.9#
95	0.0	0.0	20.0



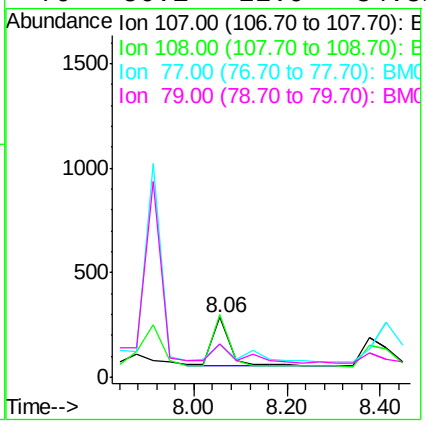


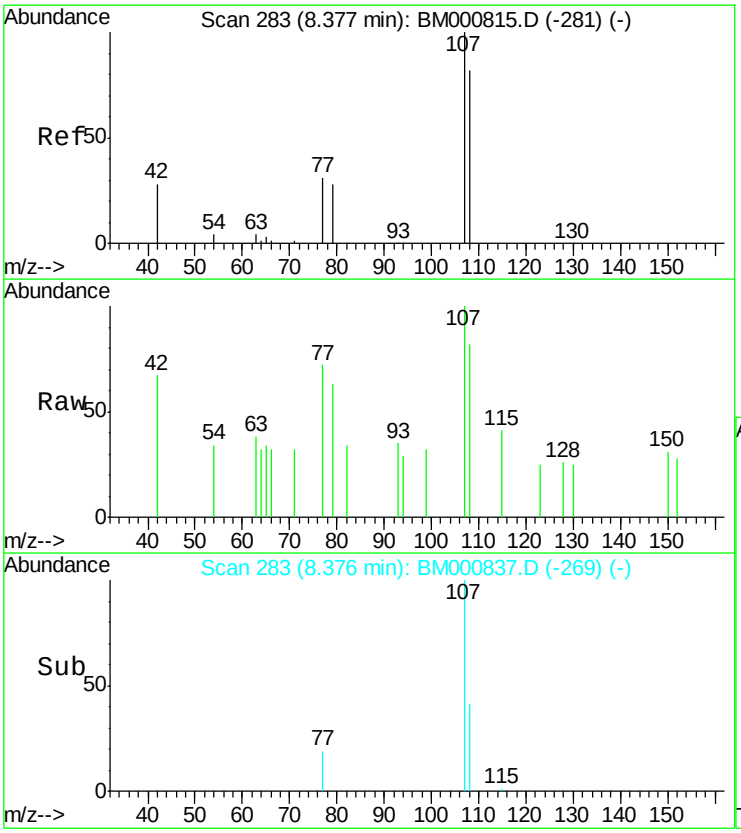
#9
2-Methylphenol
Concen: 0.23 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 577

Ion	Ratio	Lower	Upper
107	100		
108	105.2	92.0	138.0
77	54.7	20.6	31.0#
79	56.1	22.9	34.3#

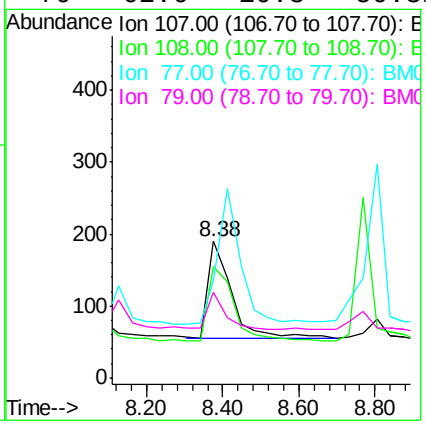


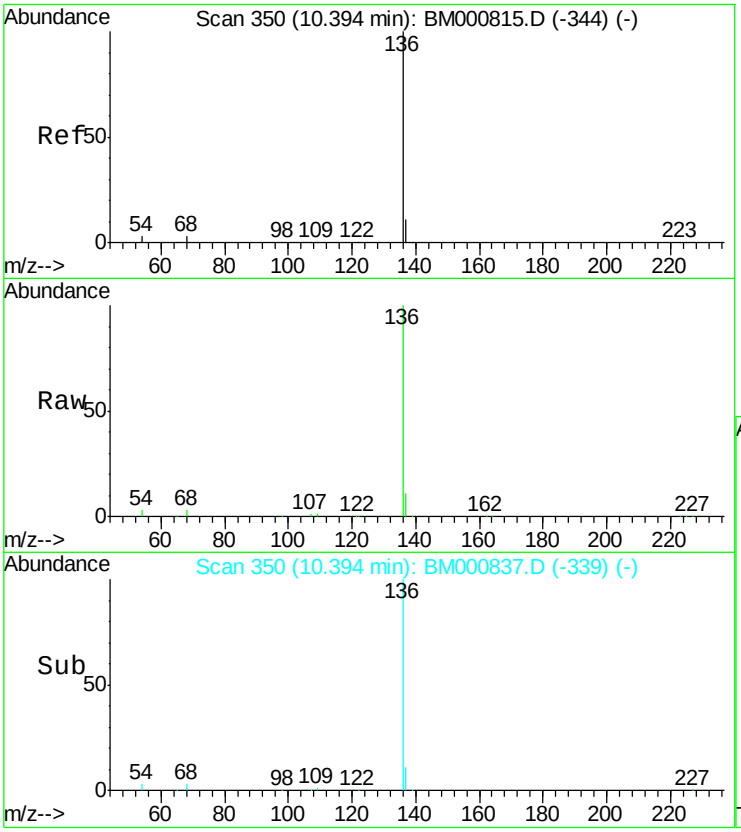


#10
3+4-Methylphenols
Concen: 0.18 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:107 Resp: 564

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



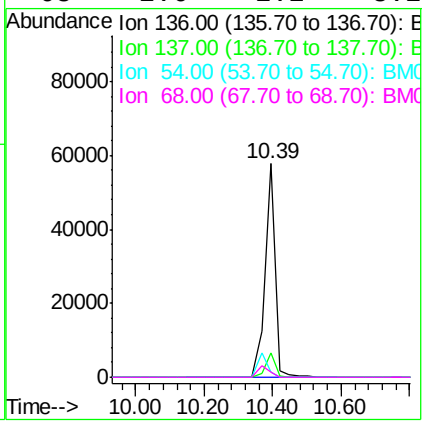


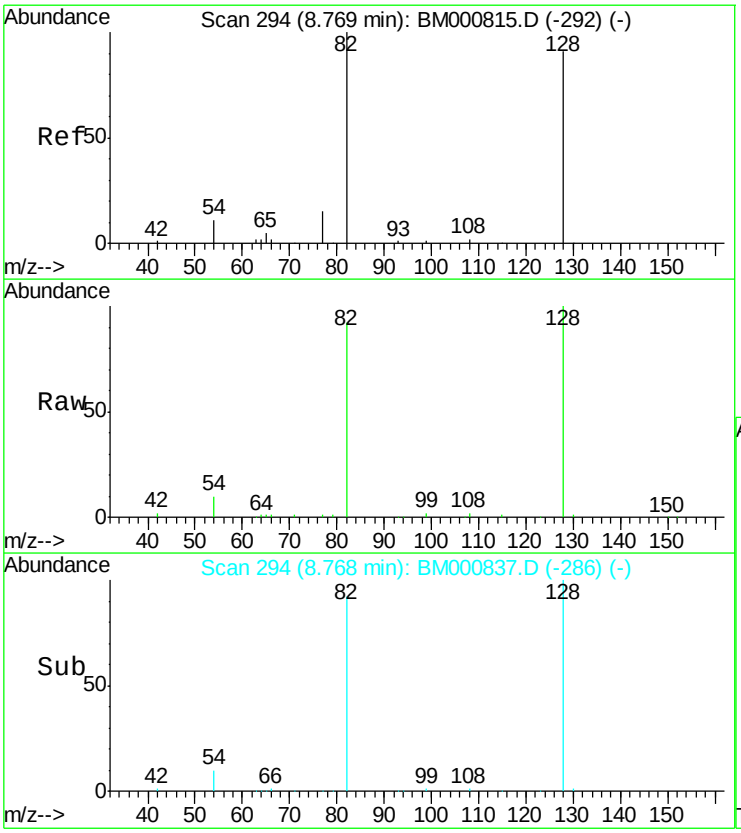
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 119113

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	2.7	2.2	3.4
68	2.6	2.2	3.2

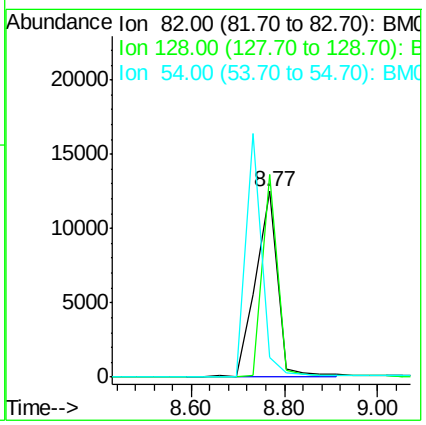


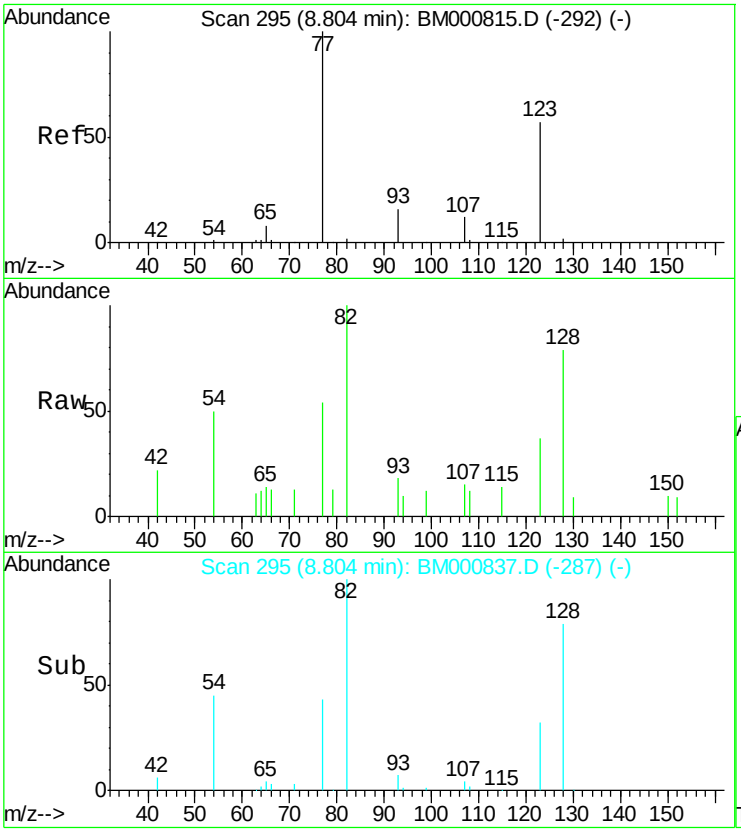


#12
Nitrobenzene-d5
Concen: 7.26 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion: 82 Resp: 40338

Ion	Ratio	Lower	Upper
82	100		
128	109.1	72.5	108.7#
54	10.9	11.8	17.8#



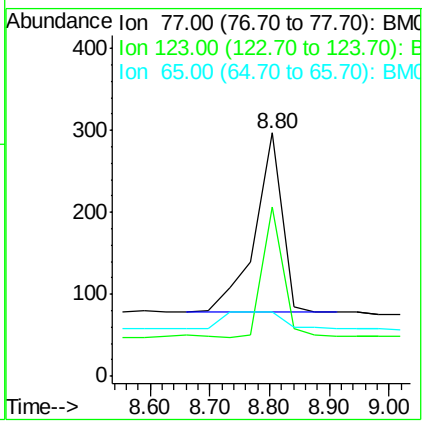


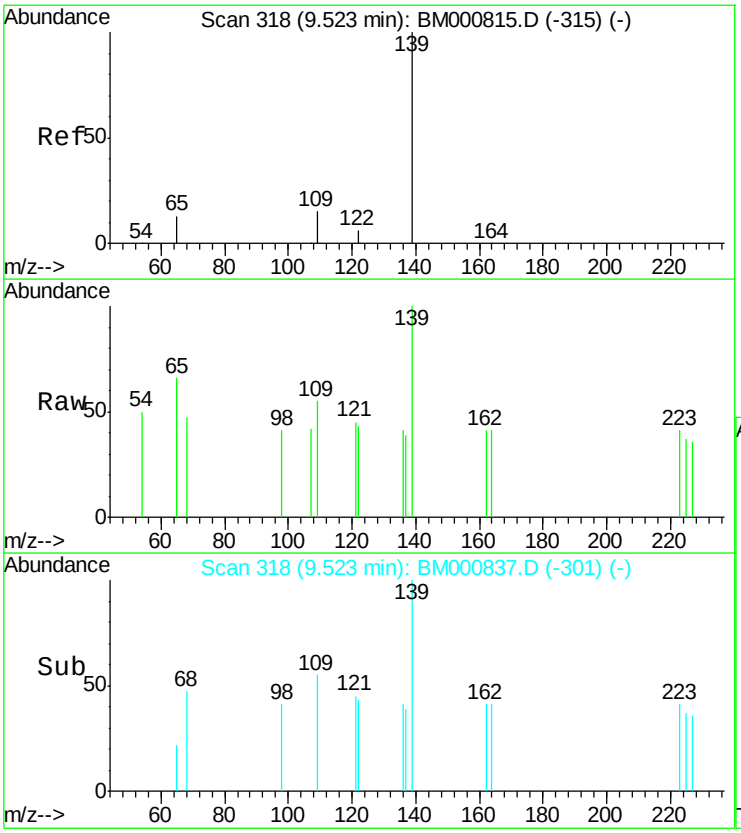
#13
Nitrobenzene
Concen: 0.11 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 684

Ion	Ratio	Lower	Upper
77	100		
123	69.4	45.8	68.6#
65	26.3	8.2	12.4#

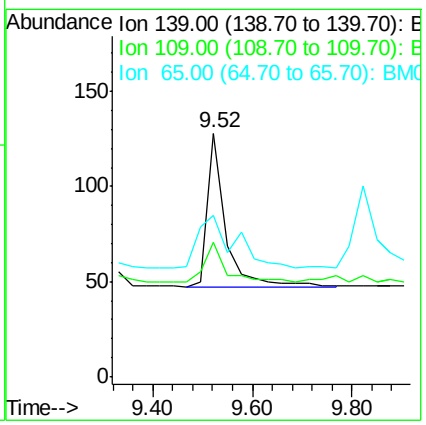


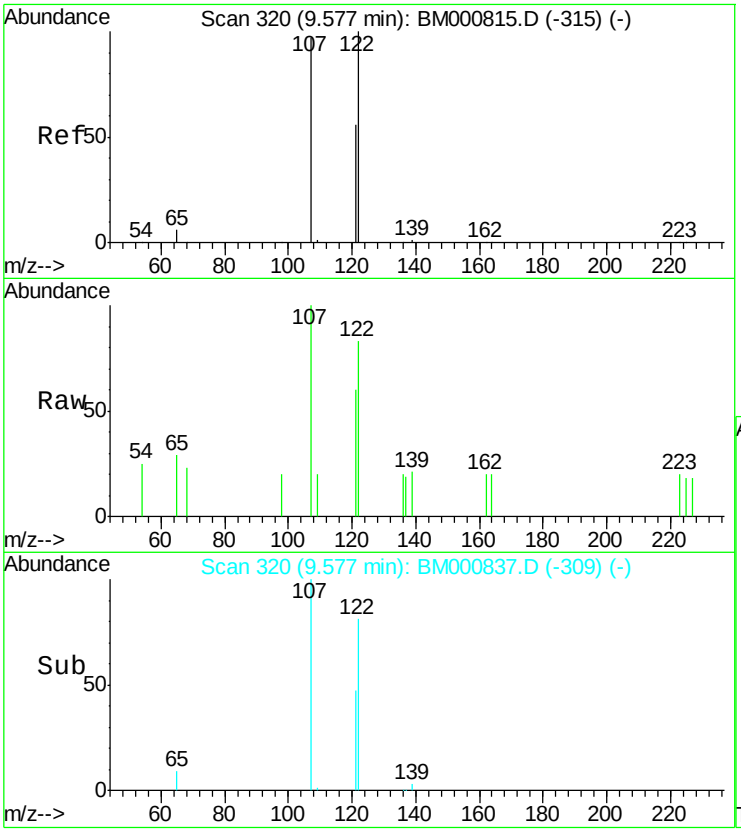


#14
2-Nitrophenol
Concen: 0.23 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:139 Resp: 211

Ion	Ratio	Lower	Upper
139	100		
109	55.5	15.0	22.6#
65	66.4	14.2	21.4#



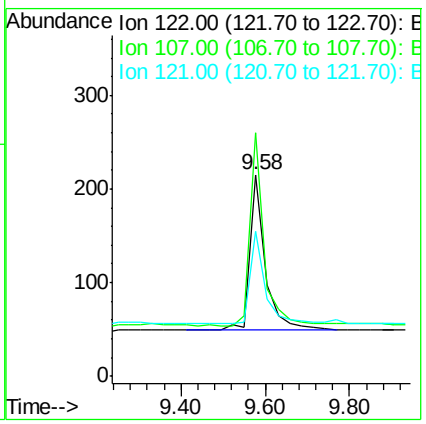


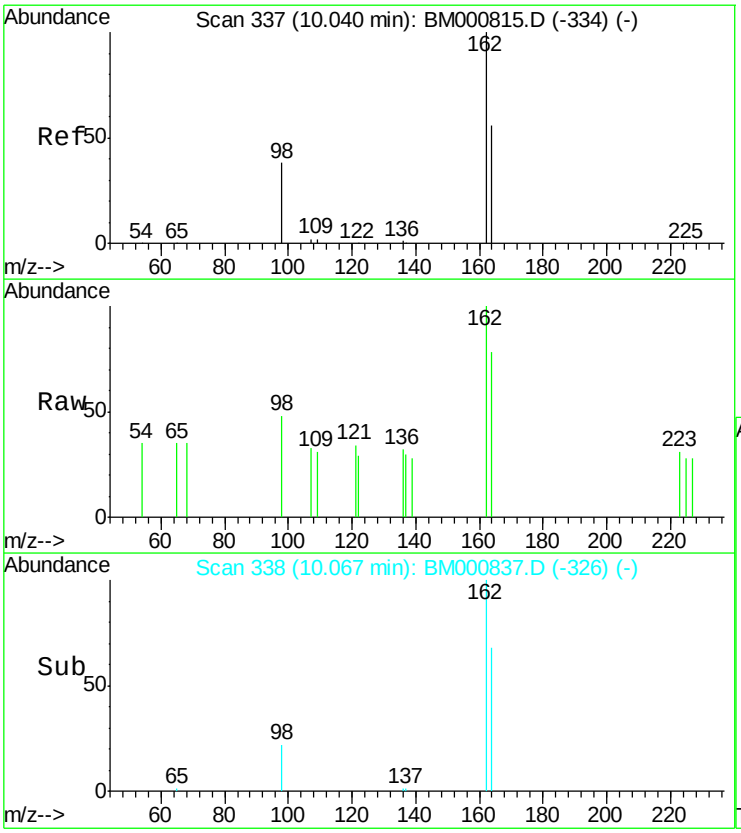
#15
2,4-Dimethylphenol
Concen: 0.06 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 420

Ion	Ratio	Lower	Upper
122	100		
107	120.9	78.2	117.4#
121	72.1	45.4	68.0#

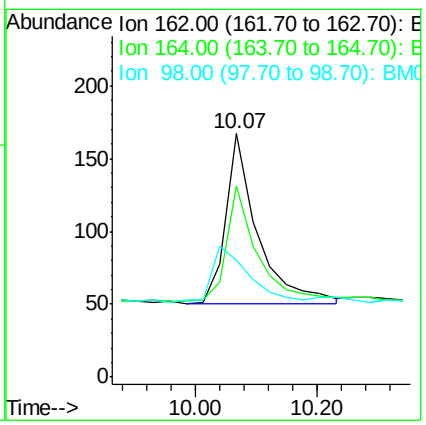


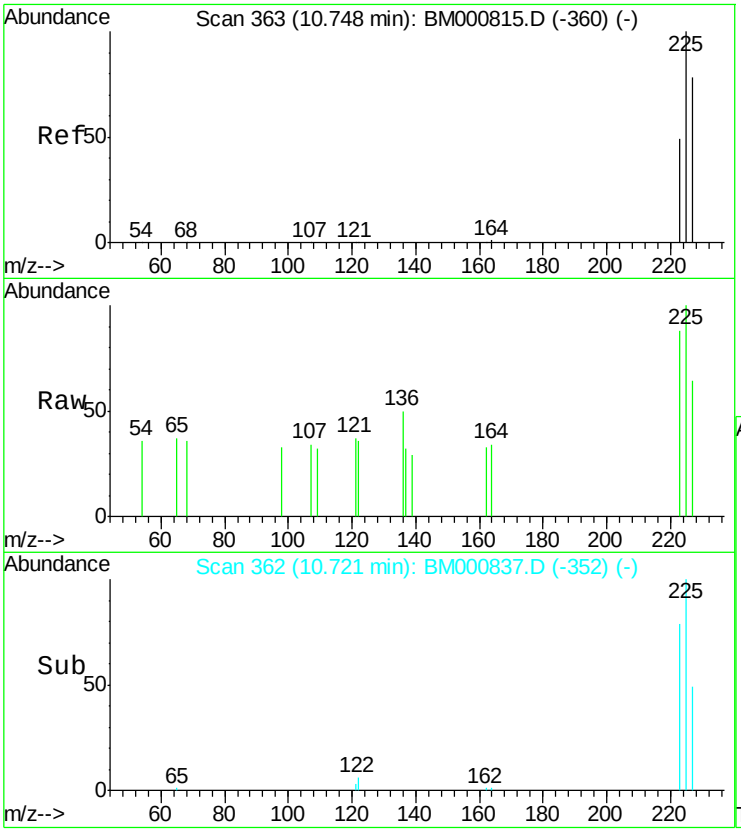


#16
2,4-Dichlorophenol
Concen: 0.27 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:162 Resp: 430

Ion	Ratio	Lower	Upper
162	100		
164	78.4	37.1	77.1#
98	47.9	19.5	59.5



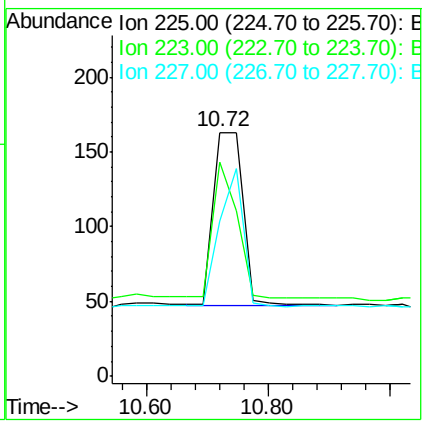


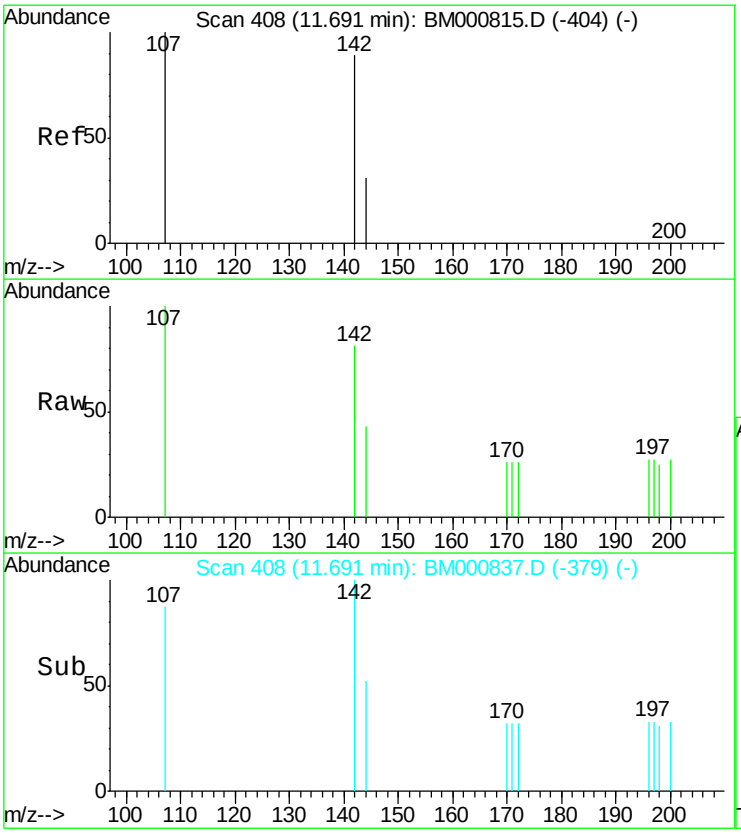
#17
Hexachlorobutadiene
Concen: 0.09 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.03 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 395

Ion	Ratio	Lower	Upper
225	100		
223	87.7	40.8	61.2#
227	63.8	62.8	94.2

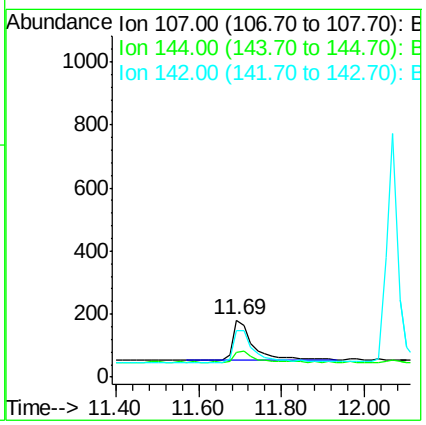


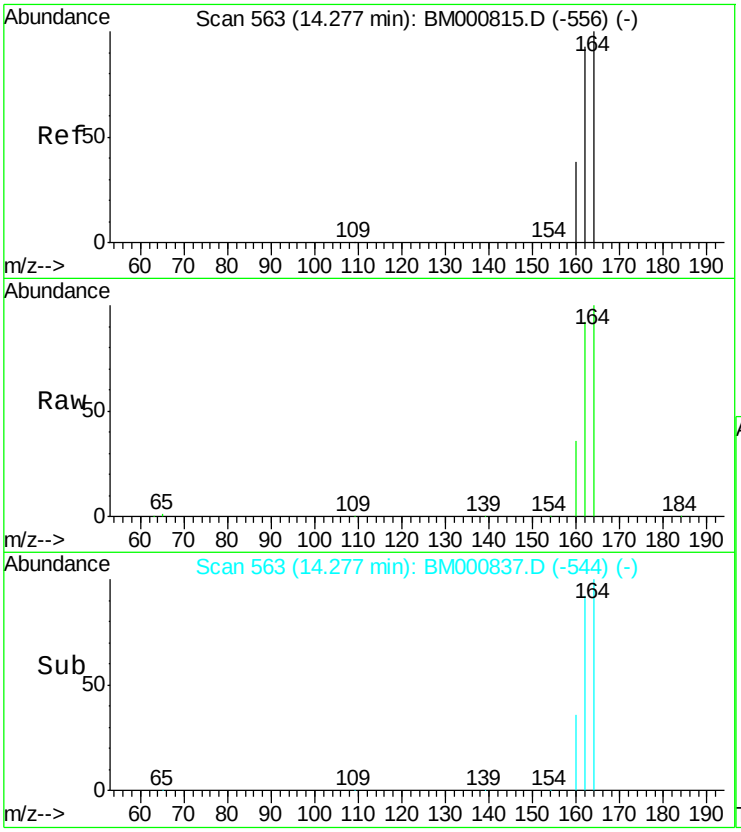


#18
4-Chloro-3-methylphenol
Concen: 0.07 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:107 Resp: 442

Ion	Ratio	Lower	Upper
107	100		
144	42.5	25.8	38.8#
142	81.2	71.3	106.9



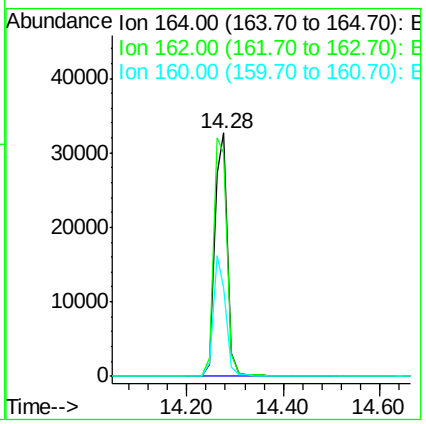


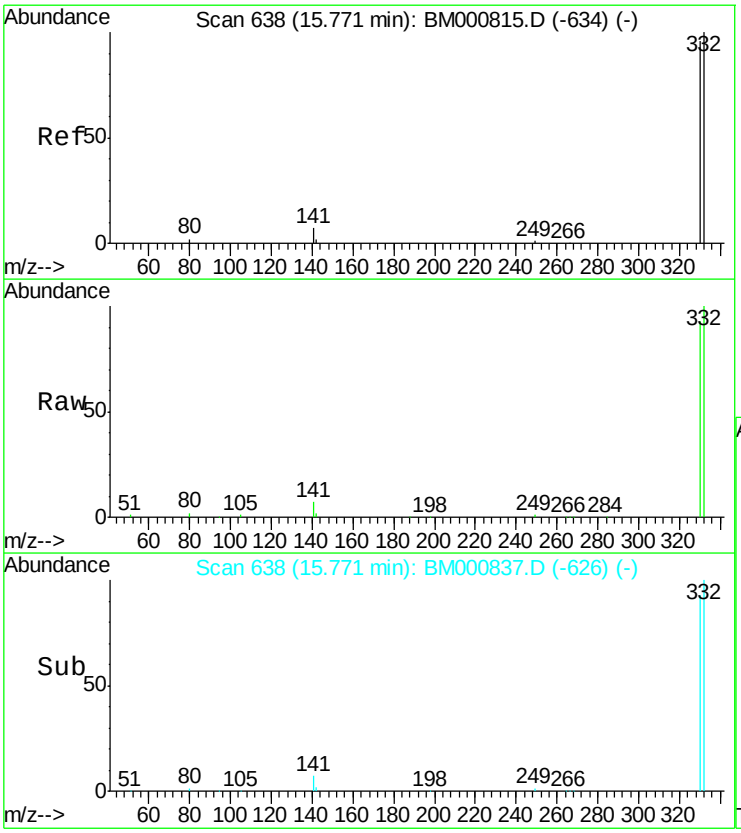
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 60733

Ion	Ratio	Lower	Upper
164	100		
162	91.6	74.2	111.2
160	36.4	30.4	45.6

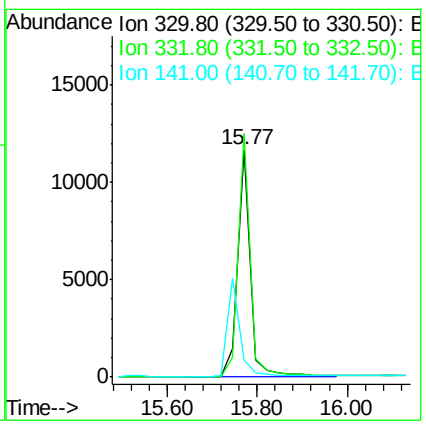


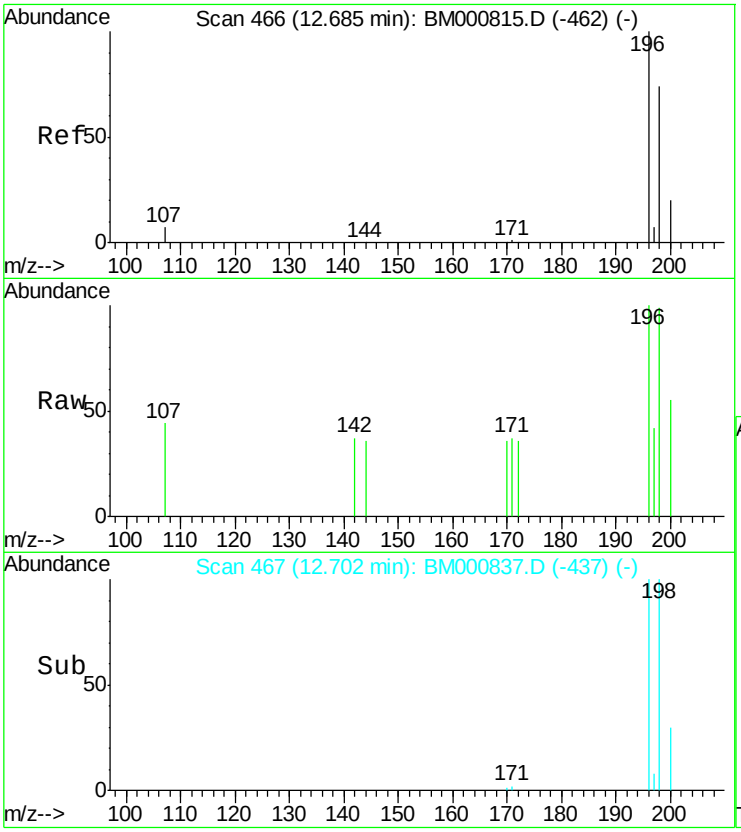


#20
2,4,6-Tribromophenol
Concen: 8.82 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:330 Resp: 22656

Ion	Ratio	Lower	Upper
330	100		
332	102.3	78.7	118.1
141	0.0	0.0	0.0



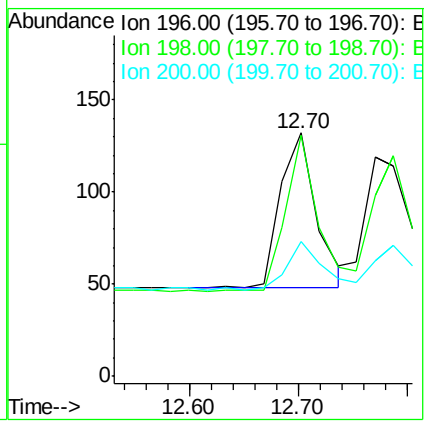


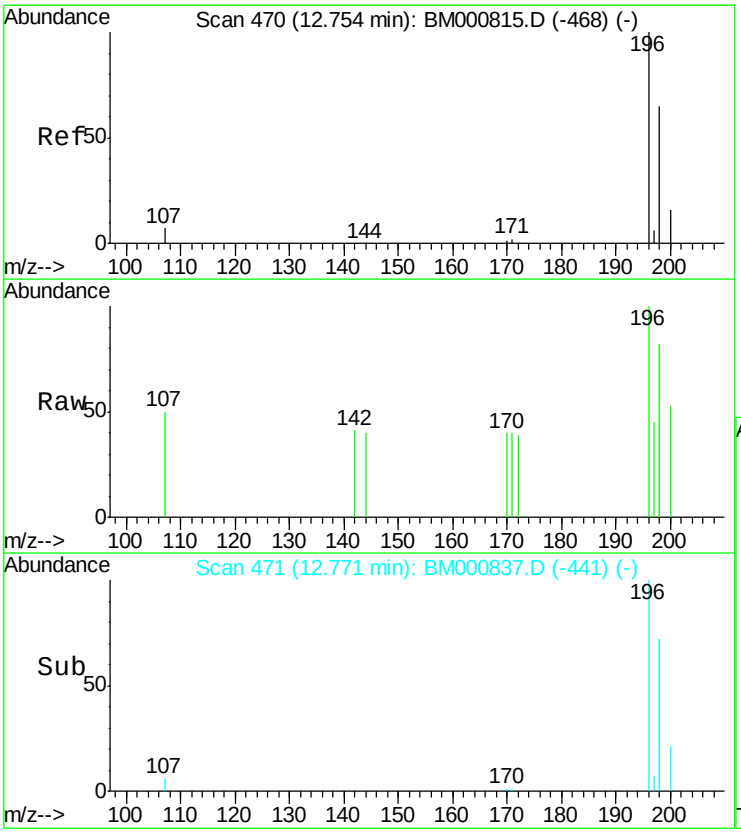
#21
2,4,6-Trichlorophenol
Concen: 0.17 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 193

Ion	Ratio	Lower	Upper
196	100		
198	99.2	59.5	89.3#
200	55.3	17.4	26.0#

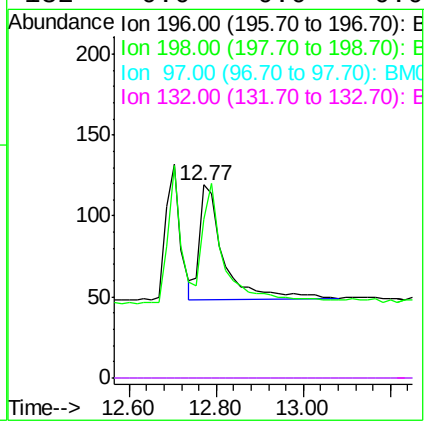


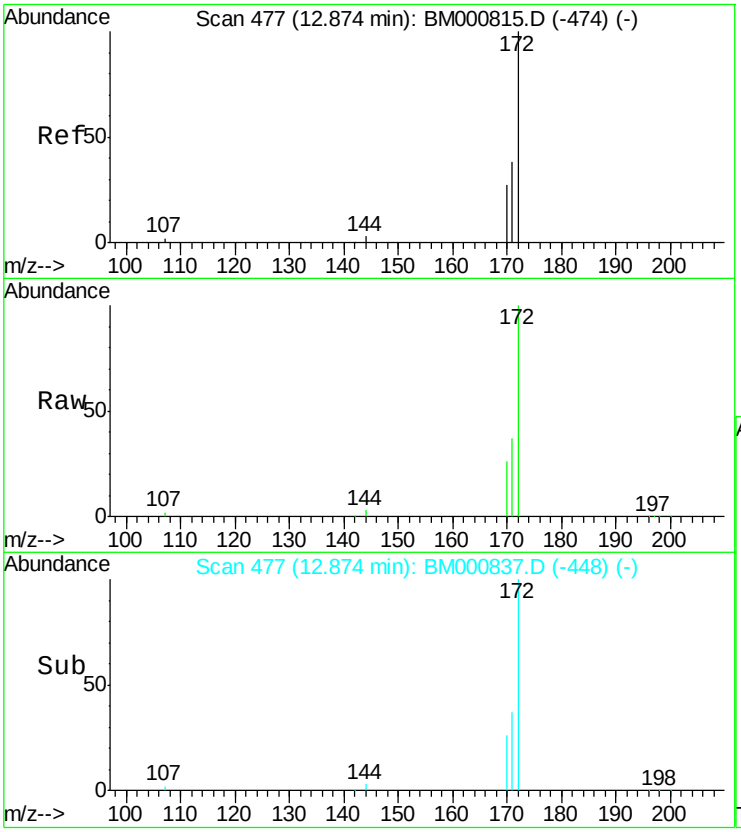


#22
2,4,5-Trichlorophenol
Concen: 0.17 ng
RT: 12.77 min Scan# 471
Delta R.T. 0.02 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:196 Resp: 274

Ion	Ratio	Lower	Upper
196	100		
198	82.4	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0



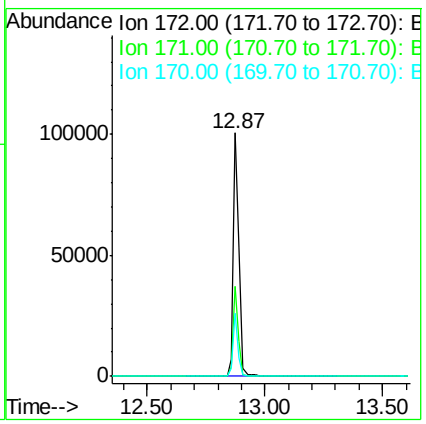


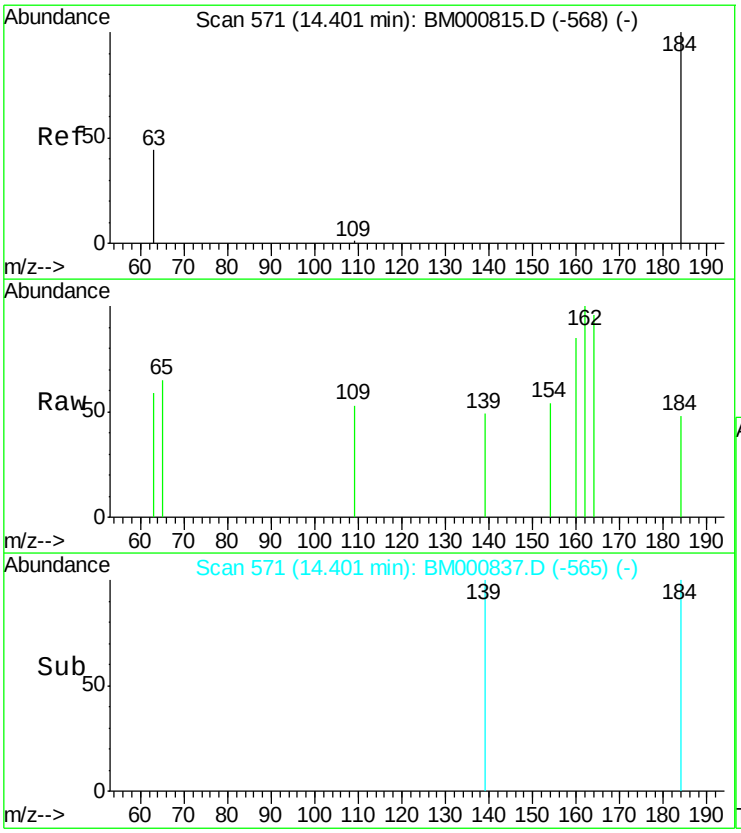
#23
2-Fluorobiphenyl
Concen: 9.23 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 172703

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	26.0	22.2	33.2

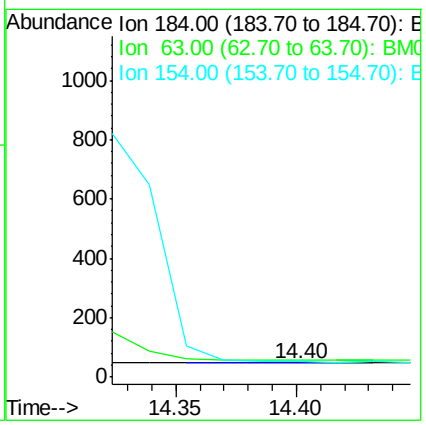


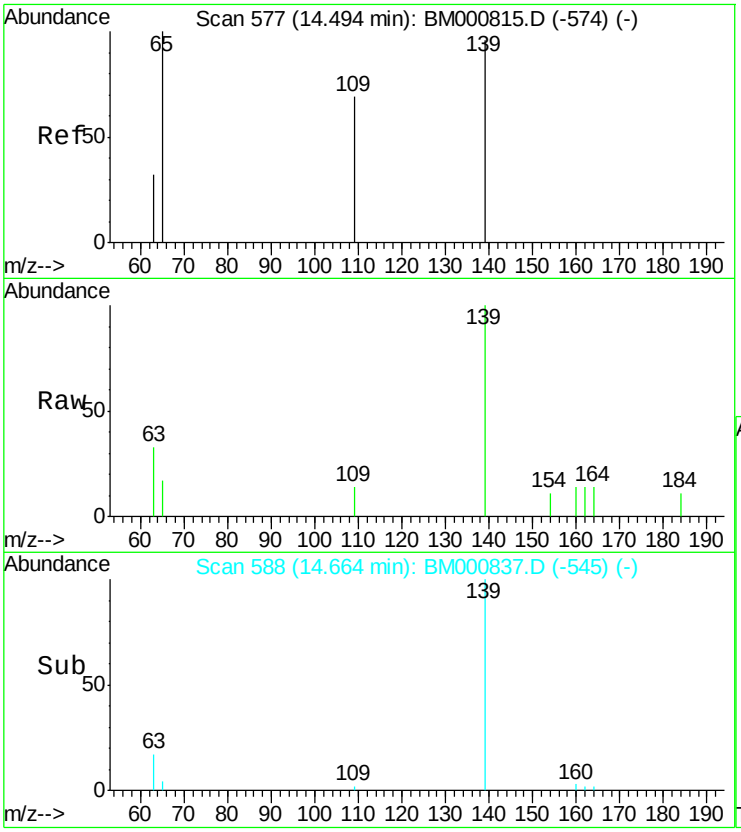


#24
2,4-Dinitrophenol
Concen: 0.00 ng
RT: 14.40 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:184 Resp: 1

Ion	Ratio	Lower	Upper
184	100		
63	120.8	62.7	94.1#
154	110.4	63.6	95.4#



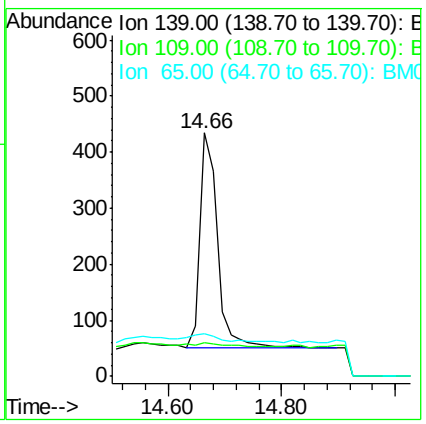


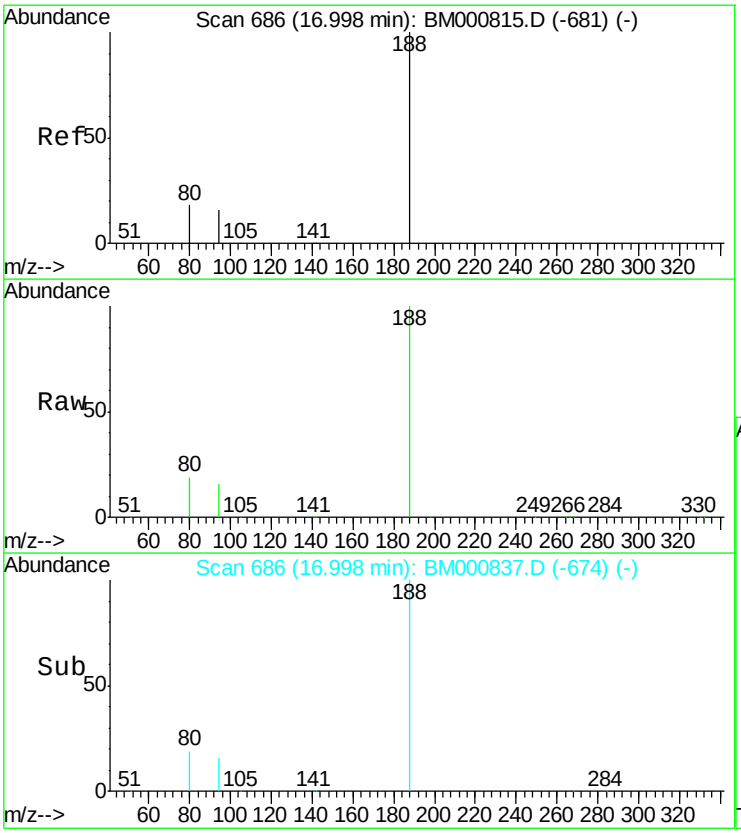
#25
4-Nitrophenol
Concen: 0.77 ng
RT: 14.66 min Scan# 588
Delta R.T. 0.17 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 821

Ion	Ratio	Lower	Upper
139	100		
109	13.8	58.2	98.2#
65	17.3	90.4	130.4#

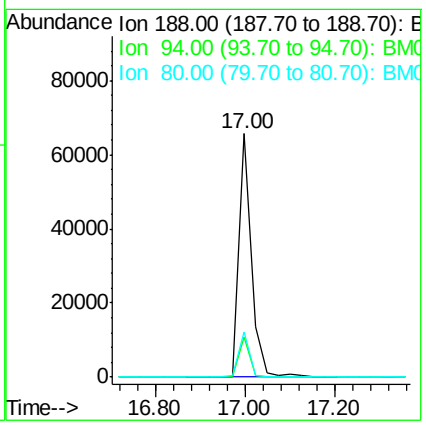


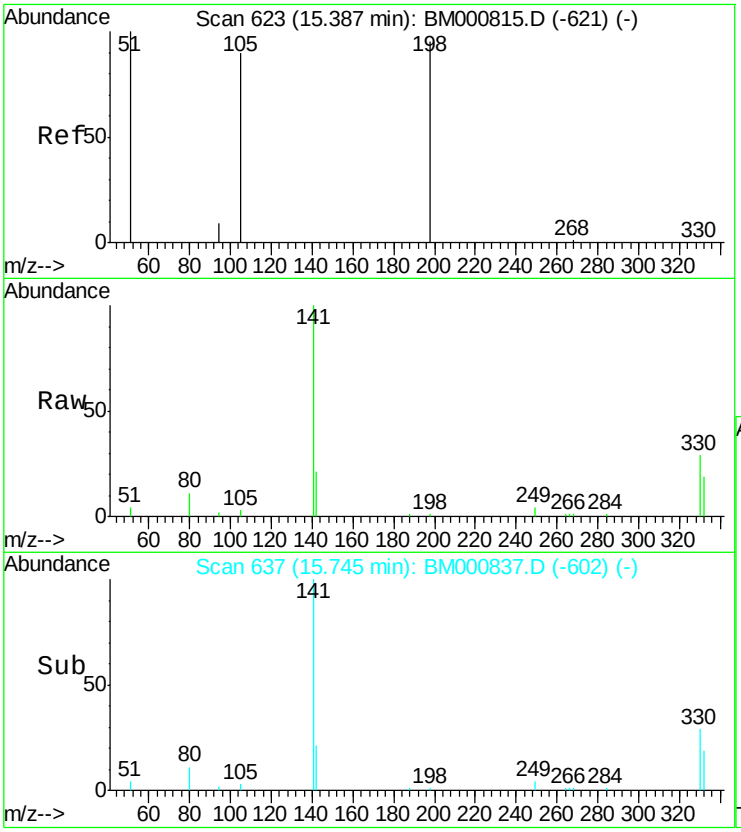


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:188 Resp: 126049

Ion	Ratio	Lower	Upper
188	100		
94	16.5	13.0	19.6
80	18.6	14.7	22.1



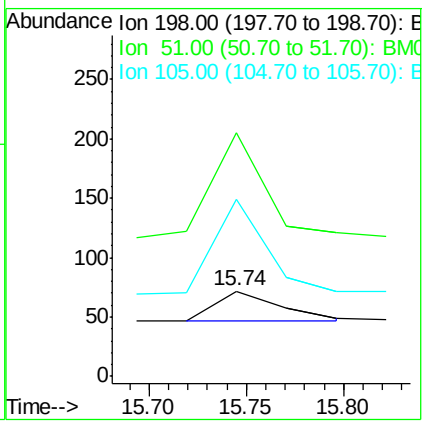


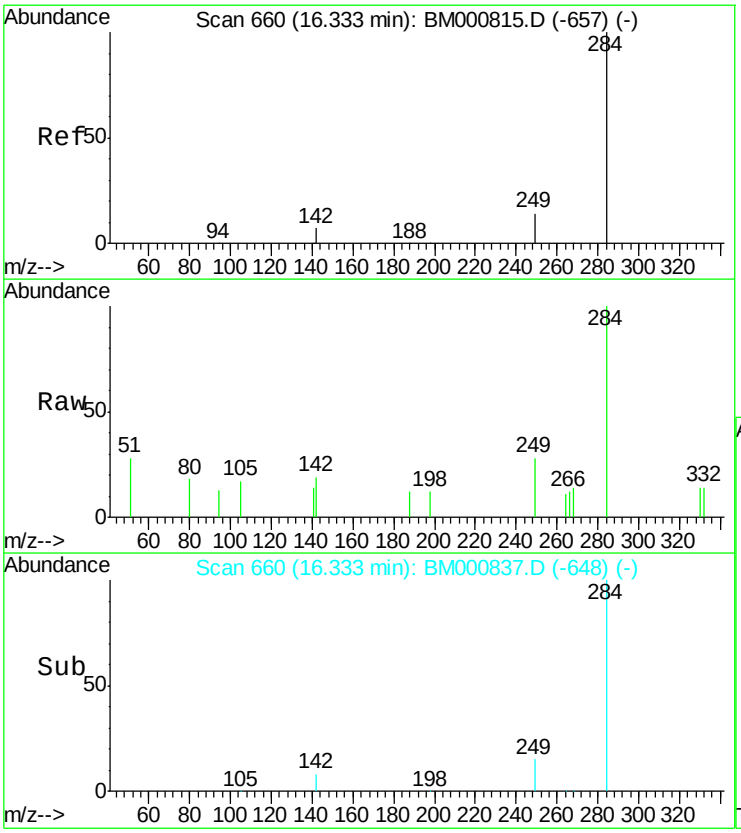
#27
4,6-Dinitro-2-methylphenol
Concen: 0.17 ng
RT: 15.74 min Scan# 637
Delta R.T. 0.36 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 58

Ion	Ratio	Lower	Upper
198	100		
51	284.7	139.3	179.3#
105	206.9	88.8	128.8#

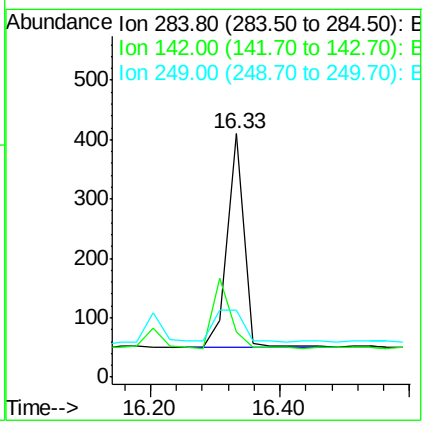


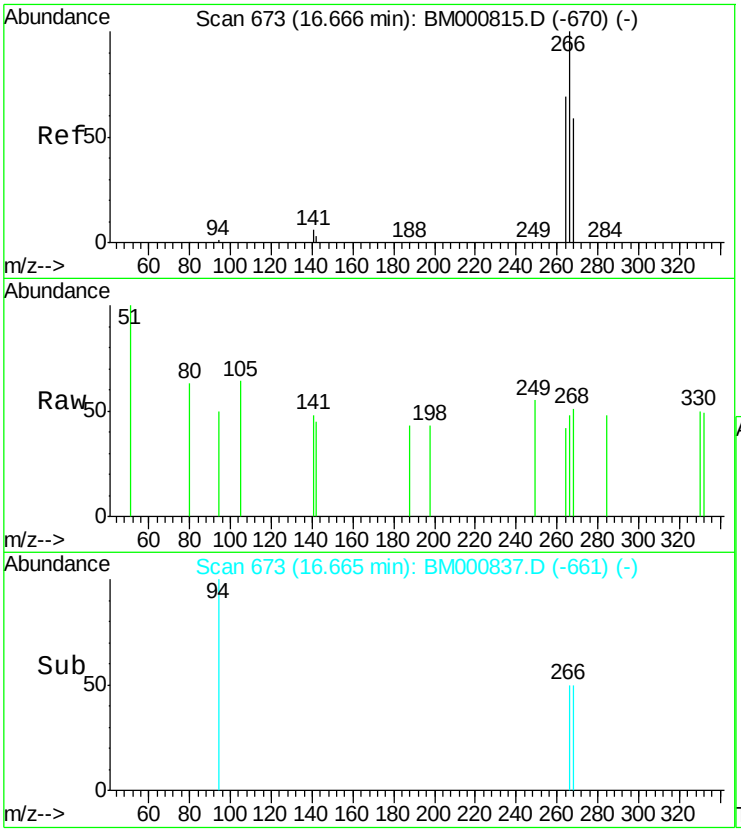


#28
Hexachlorobenzene
Concen: 0.15 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:284 Resp: 644

Ion	Ratio	Lower	Upper
284	100		
142	18.8	6.5	9.7#
249	27.6	12.6	18.8#



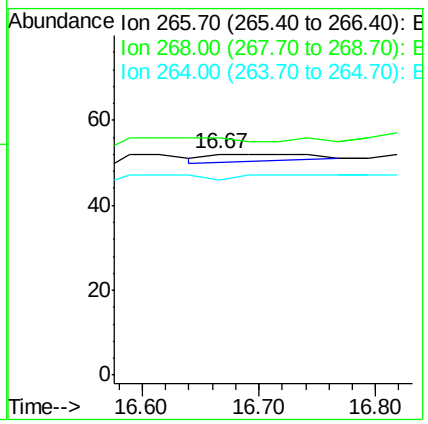


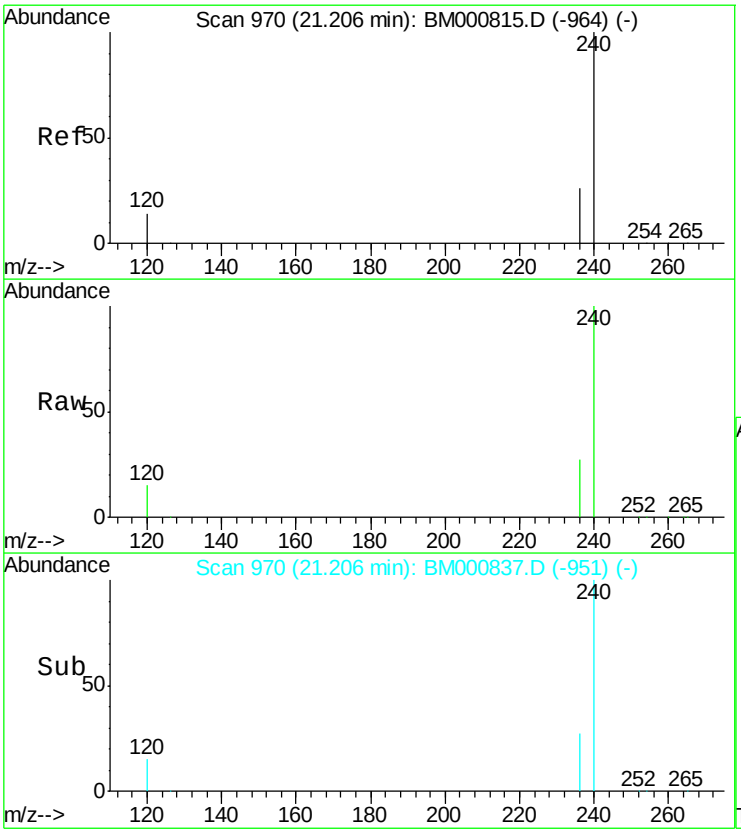
#29
Pentachlorophenol
Concen: 0.45 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
268	107.7	51.4	77.0#
264	88.5	57.1	85.7#

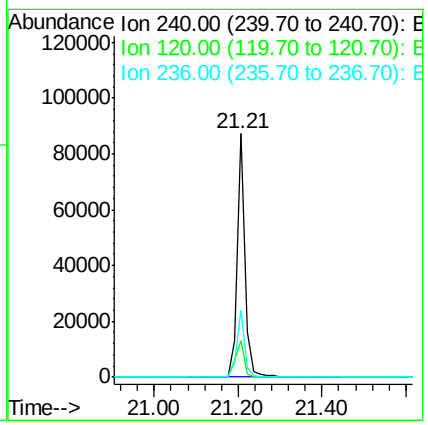


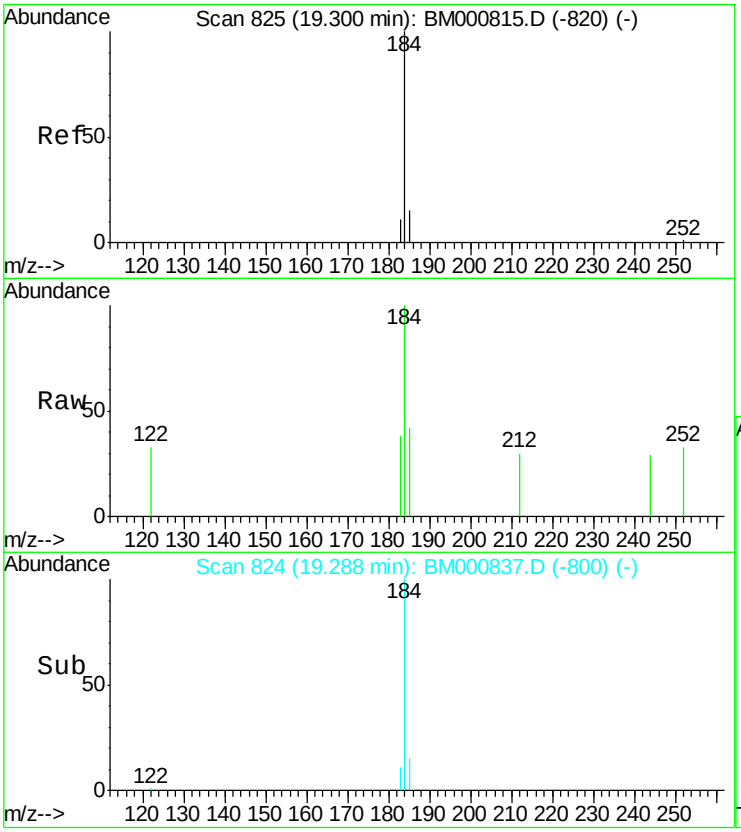


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:240 Resp: 113150

Ion	Ratio	Lower	Upper
240	100		
120	15.1	11.3	16.9
236	27.4	21.1	31.7



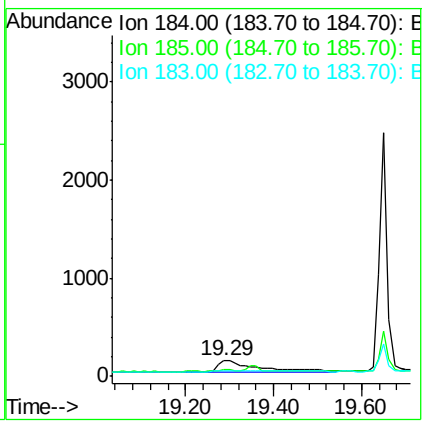


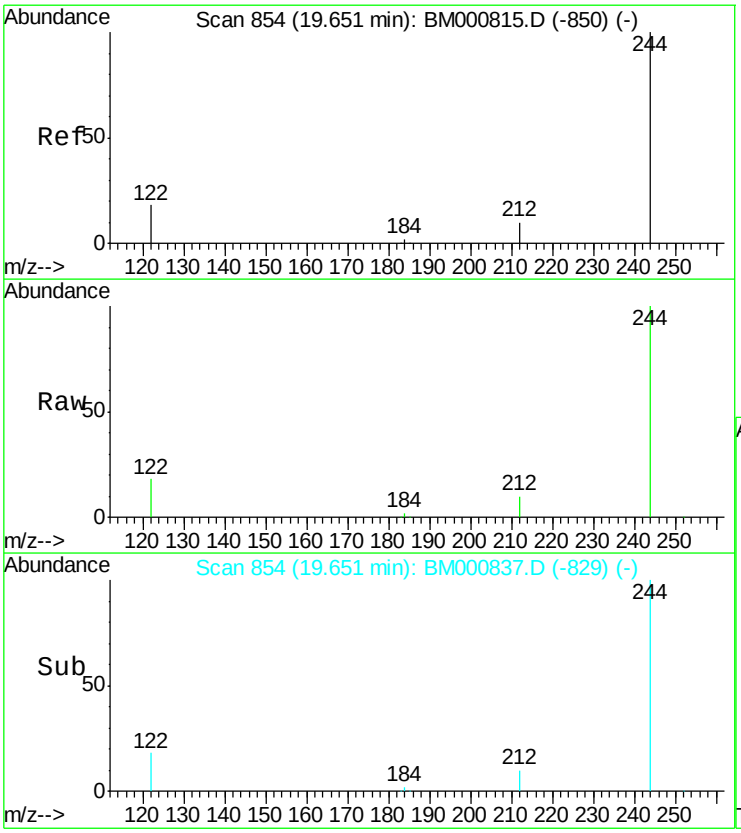
#31
Benzidine
Concen: 0.30 ng
RT: 19.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 688

Ion	Ratio	Lower	Upper
184	100		
185	41.9	39.1	58.7
183	38.1	36.1	54.1

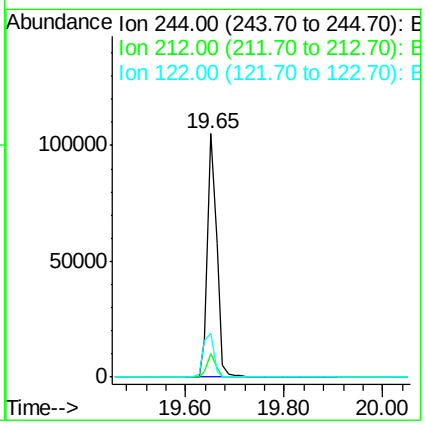


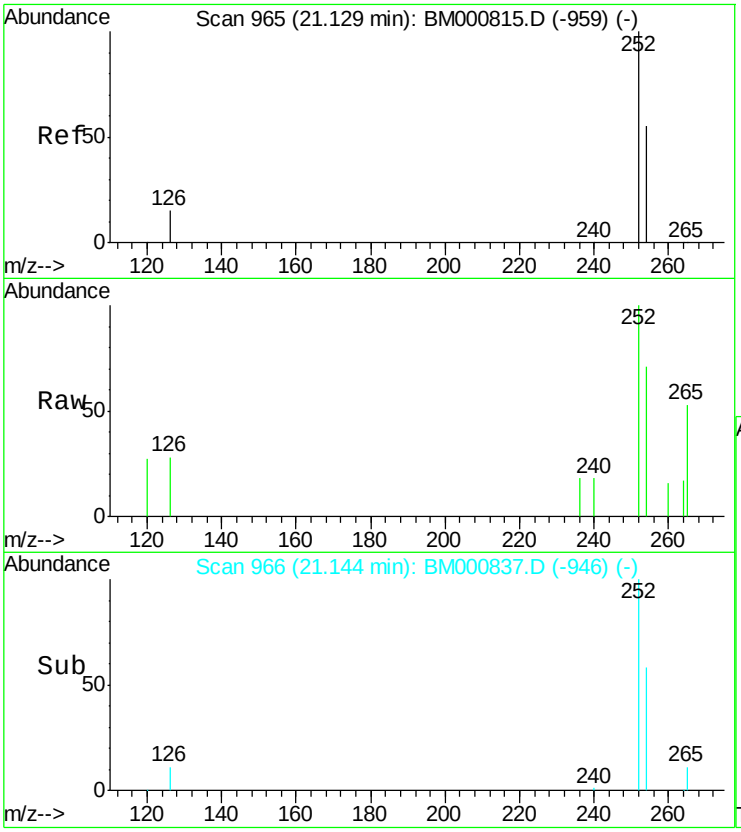


#32
Terphenyl-d14
Concen: 10.08 ng
RT: 19.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:244 Resp: 137221

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.0	12.0
122	18.0	14.7	22.1



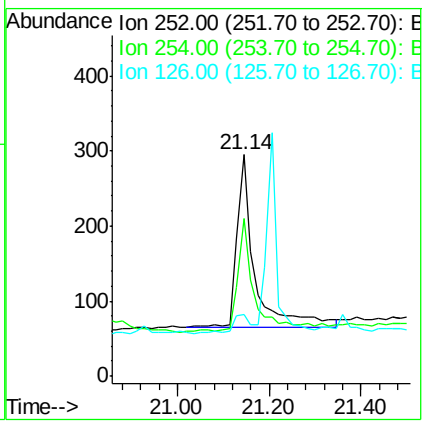


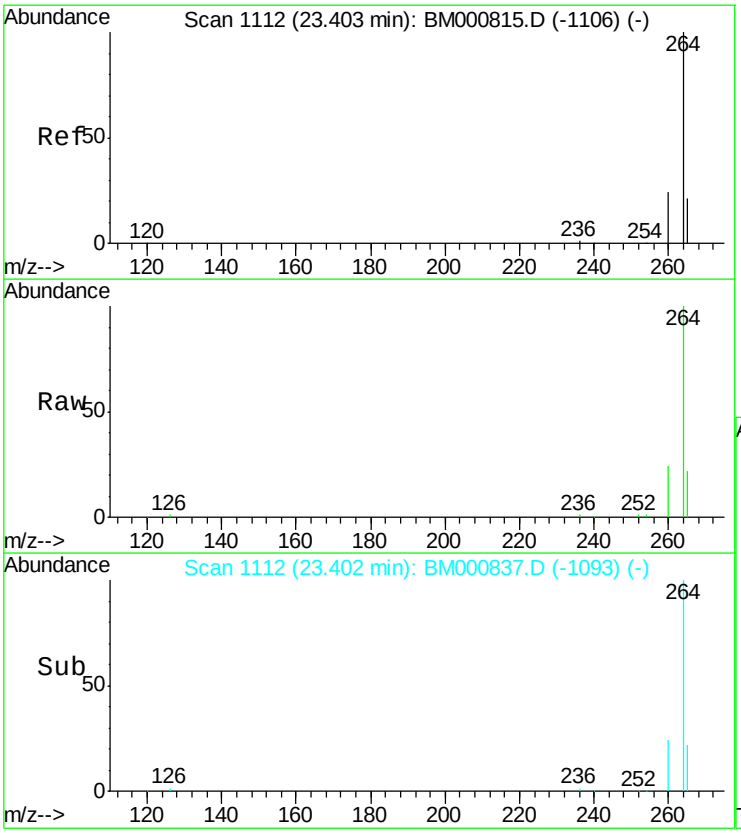
#33
3,3'-Dichlorobenzidine
Concen: 0.25 ng
RT: 21.14 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM000837.D
Acq: 03 Apr 2015 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 626

Ion	Ratio	Lower	Upper
252	100		
254	71.2	44.5	66.7#
126	27.8	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: BM000837.D
Acq: 03 Apr 2015 11:18

Tgt Ion:264 Resp: 102751

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.2	17.5	26.3