Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040715\
Data File : BM000892.D
Acq On : 07 Apr 2015 23:35
Operator : TP/IZ
Sample : PB82421BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB82421BS

Quant Time: Apr 08 01:16:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 15:59:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	27397	5.00	ng		-0.04
11) Naphthalene-d8	10.39	136	149870	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	85243	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	215337	5.00	ng		0.00
30) Chrysene-d12	21.19	240	161962	5.00	ng		0.00
34) Perylene-d12	23.39	264	147501	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	86309	9.39	ng		0.00
5) Phenol-d6	6.77	99	166612	8.88	ng		0.00
12) Nitrobenzene-d5	8.73	82	57091	7.64	ng		-0.04
20) 2,4,6-Tribromophenol	15.77	330	36394	10.18	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	205320	7.81	ng		0.00
32) Terphenyl-d14	19.65	244	181628	9.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	22319	5.62	ng	#	80
3) n-Nitrosodimethylamine	3.41	42	31021	5.94	ng	#	14
6) 2-Chlorophenol	7.17	128	87305	6.14	ng		88
7) Phenol	6.81	94	68122	5.95	ng		84
8) bis(2-Chloroethyl)ether	7.02	93	96699	6.59	ng	#	57
9) 2-Methylphenol	8.06	107	48801	5.81	ng	#	88
10) 3+4-Methylphenols	8.38	107	82318	5.76	ng		88
13) Nitrobenzene	8.77	77	51302	6.82	ng	#	17
14) 2-Nitrophenol	9.50	139	26498	5.56	ng	#	1
15) 2,4-Dimethylphenol	9.58	122	52443	6.10	ng	#	85
16) 2,4-Dichlorophenol	10.04	162	70351	6.29	ng		84
17) Hexachlorobutadiene	10.72	225	42397	6.21	ng		98
18) 4-Chloro-3-methylphenol	11.67	107	71913	6.88	ng		94
21) 2,4,6-Trichlorophenol	12.69	196	52853	7.63	ng		88
22) 2,4,5-Trichlorophenol	12.75	196	60538	7.40	ng	#	80
25) 4-Nitrophenol	14.48	139	69672	10.44	ng		94
27) 4,6-Dinitro-2-methylphenol	15.39	198	30121	6.76	ng		90
28) Hexachlorobenzene	16.33	284	66410	7.16	ng	#	48
29) Pentachlorophenol	16.67	266	81697	13.35	ng		88
31) Benzidine	19.26	184	347821	11.59	ng	#	89
33) 3,3'-Dichlorobenzidine	21.13	252	143411	5.80	ng	#	70

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

Quantitation Report (Not Reviewed)

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Acq On : 07 Apr 2015 23:35
Operator : TP/IZ
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Misc :
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Instrument :
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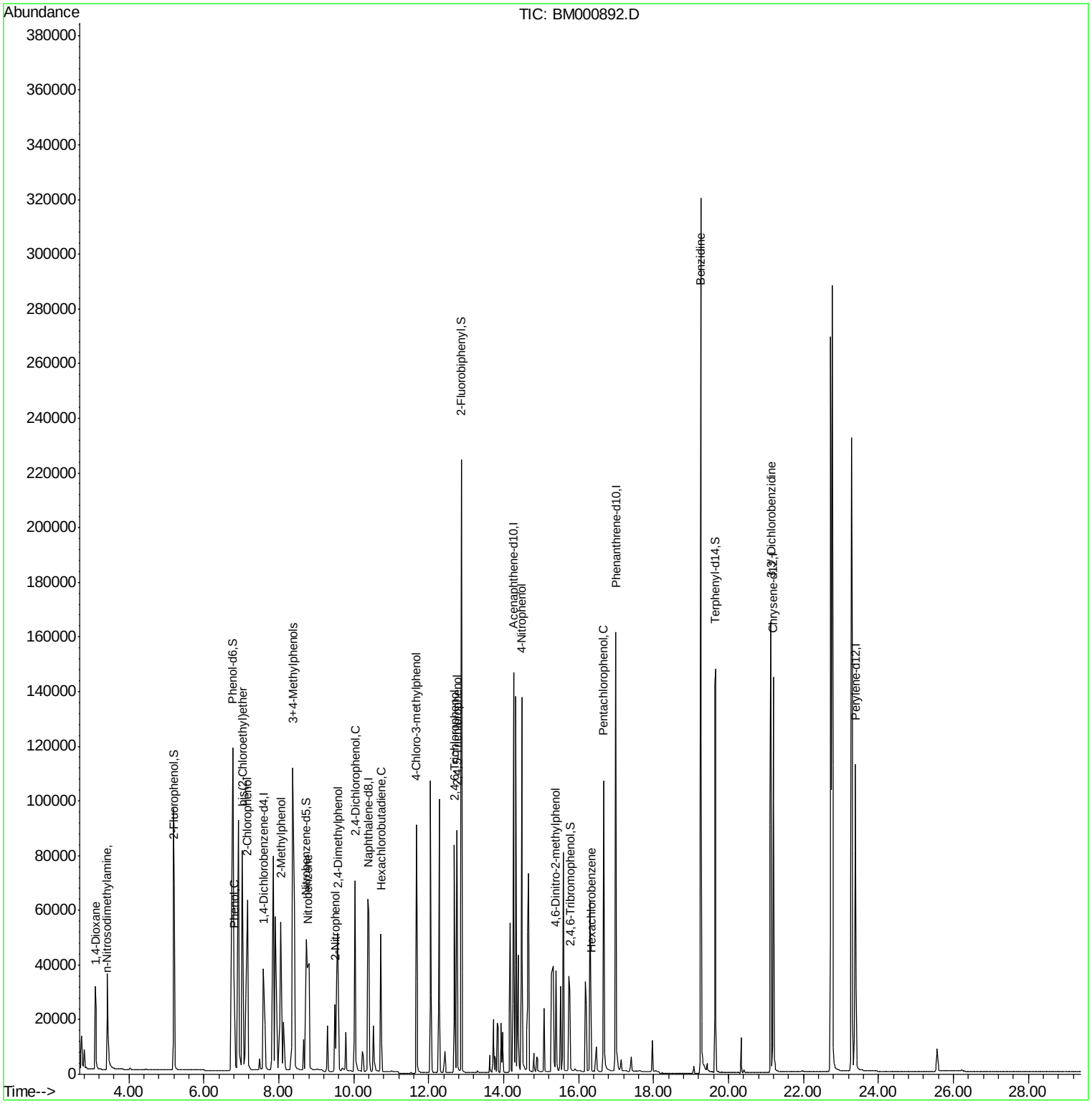
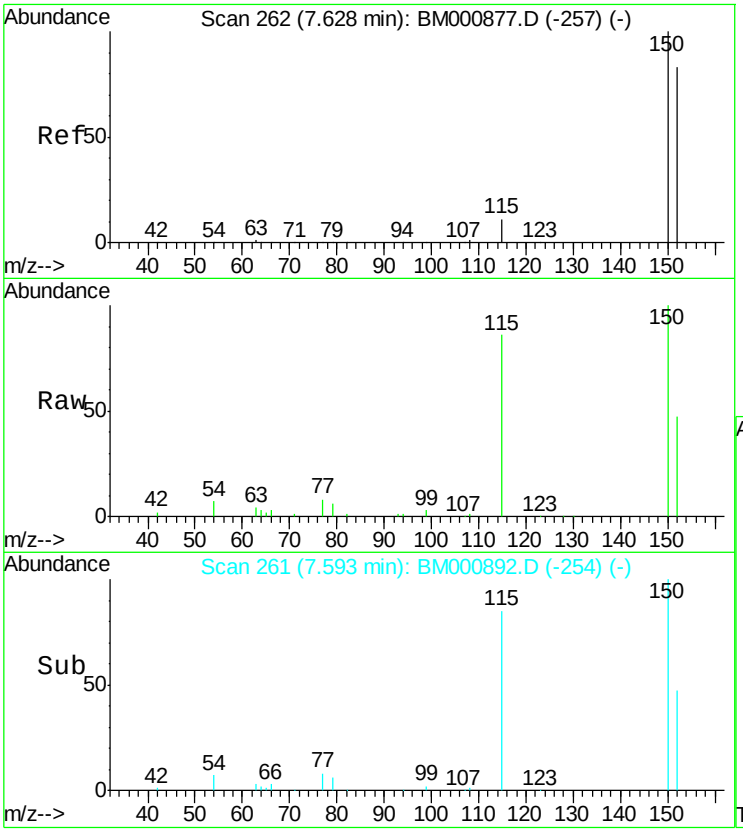


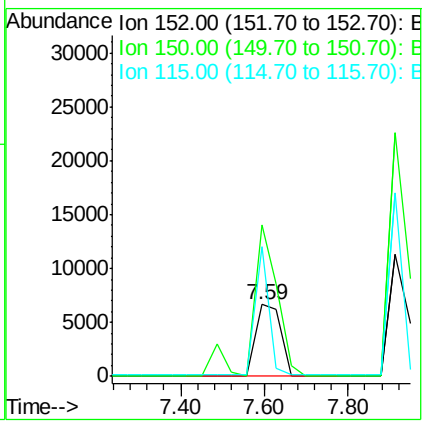


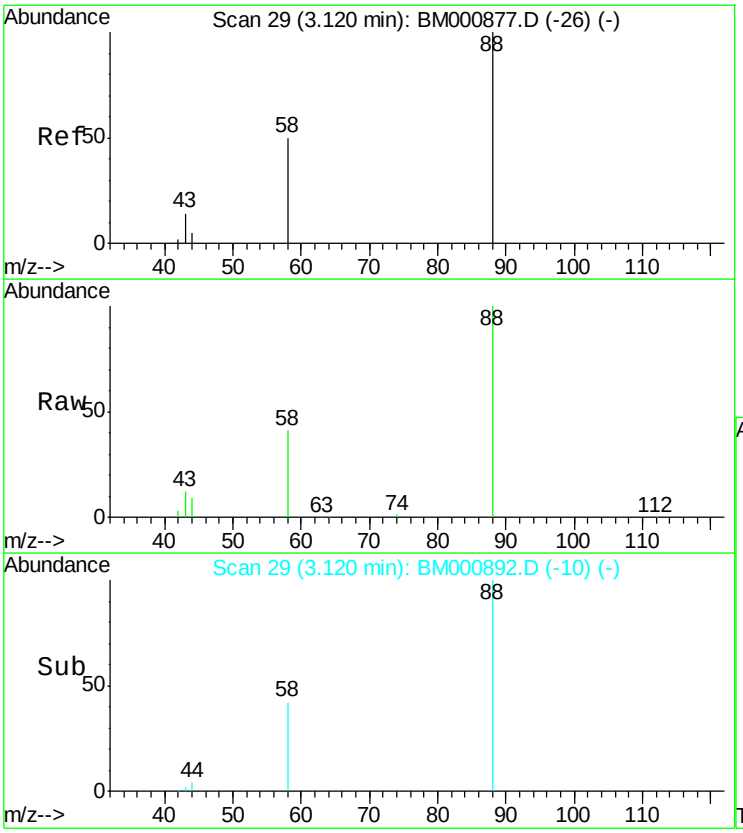
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 261
Delta R.T. -0.04 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:152 Resp: 27397

Ion	Ratio	Lower	Upper
152	100		
150	210.6	96.5	144.7#
115	180.6	11.9	17.9#

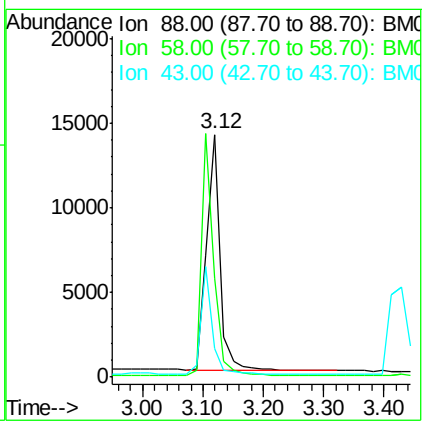


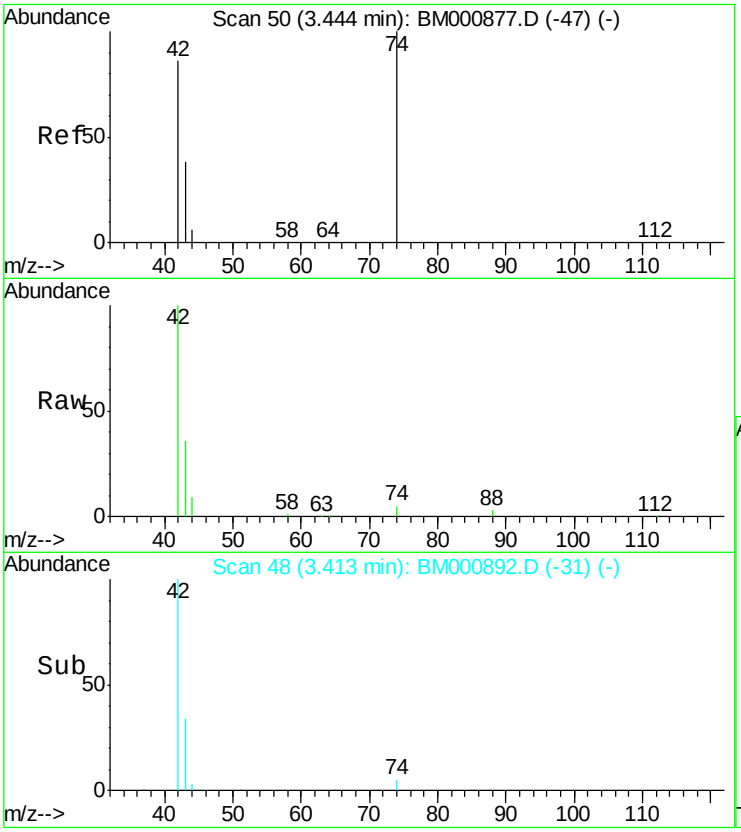


#2
1,4-Dioxane
Concen: 5.62 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion: 88 Resp: 22319

Ion	Ratio	Lower	Upper
88	100		
58	91.5	56.7	85.1#
43	36.9	25.0	37.6



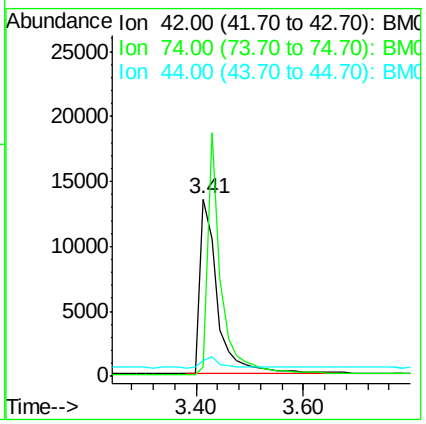


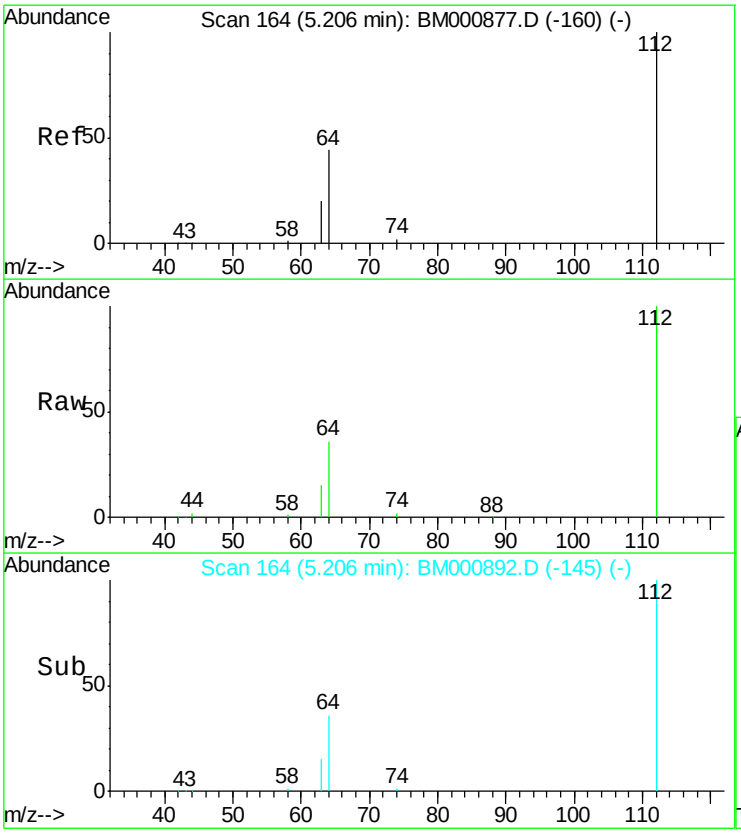
#3
n-Nitrosodimethylamine
Concen: 5.94 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.03 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion: 42 Resp: 31021

Ion	Ratio	Lower	Upper
42	100		
74	5.4	81.0	121.4#
44	8.6	53.3	79.9#

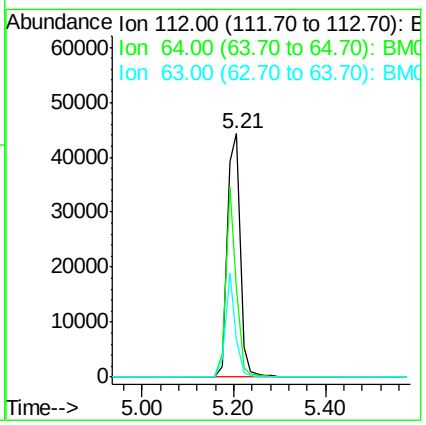


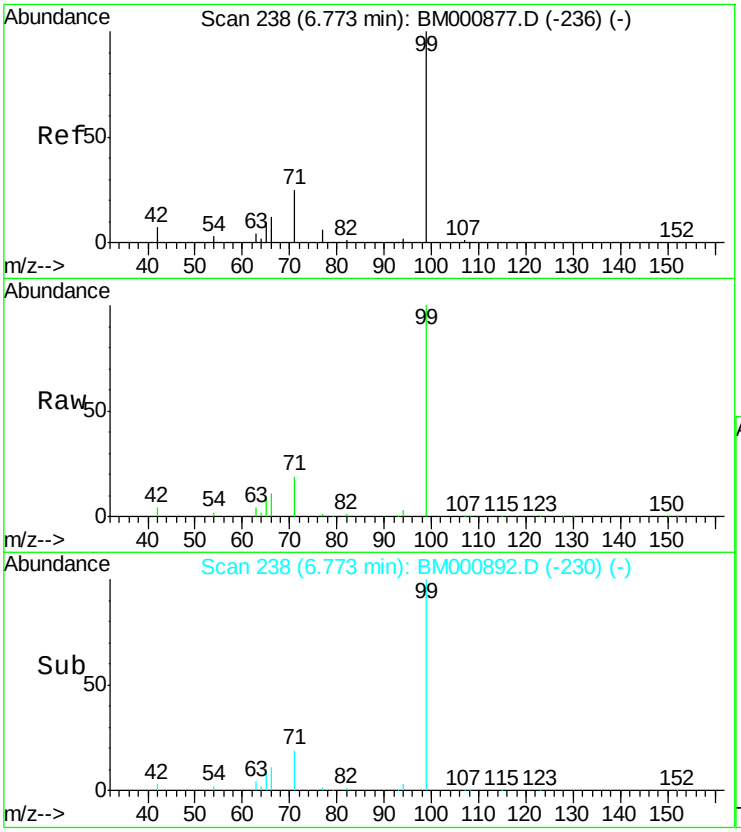


#4
2-Fluorophenol
Concen: 9.39 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:112 Resp: 86309

Ion	Ratio	Lower	Upper
112	100		
64	36.2	35.7	53.5
63	15.3	17.0	25.4#



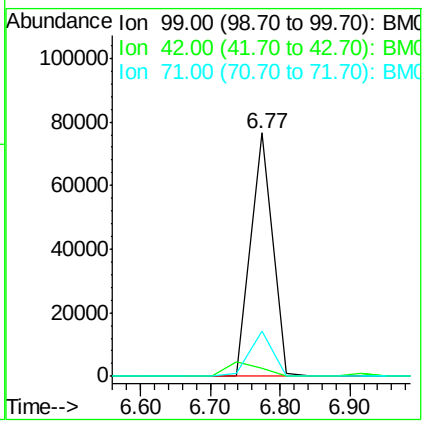


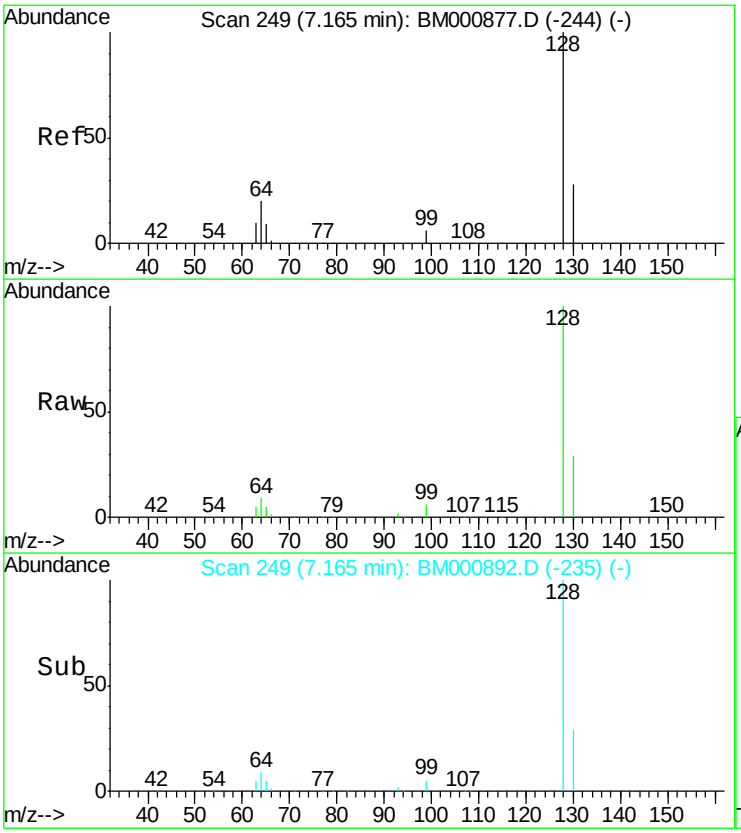
#5
Phenol-d6
Concen: 8.88 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion: 99 Resp: 166612

Ion	Ratio	Lower	Upper
99	100		
42	3.6	7.5	11.3#
71	18.6	21.3	31.9#

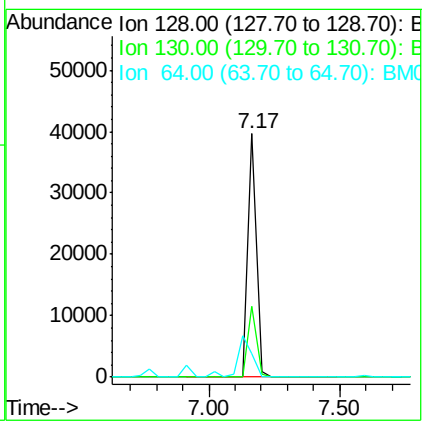


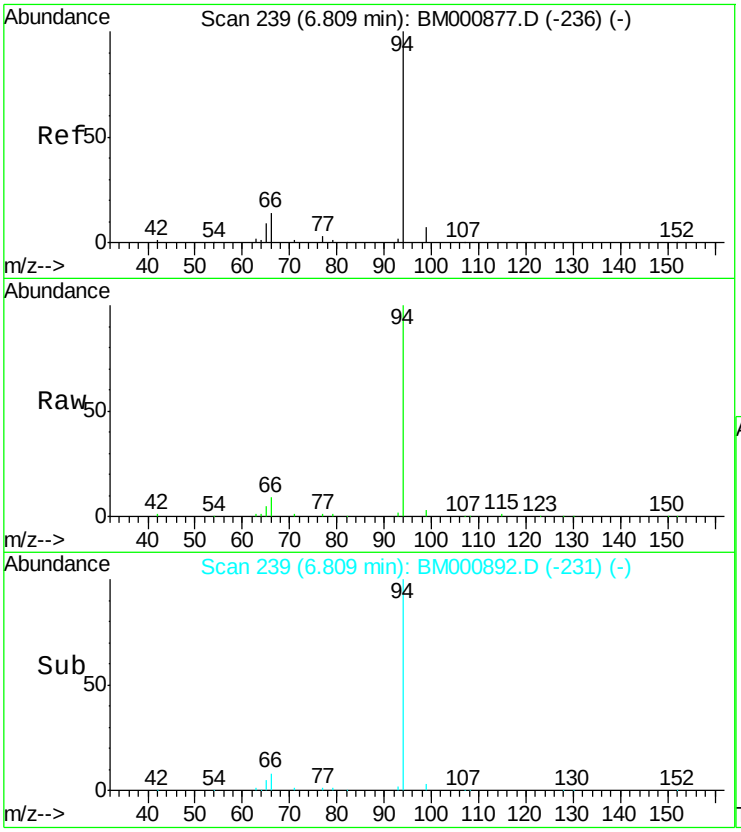


#6
2-Chlorophenol
Concen: 6.14 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:128 Resp: 87305

Ion	Ratio	Lower	Upper
128	100		
130	29.1	9.4	49.4
64	9.4	2.1	42.1



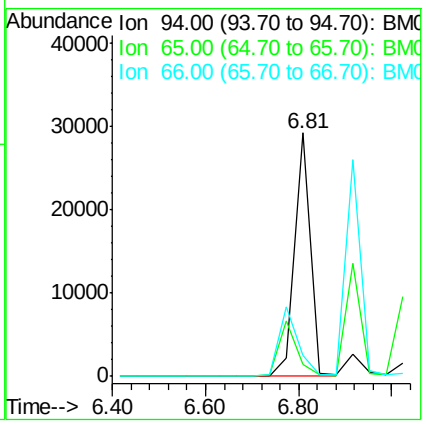


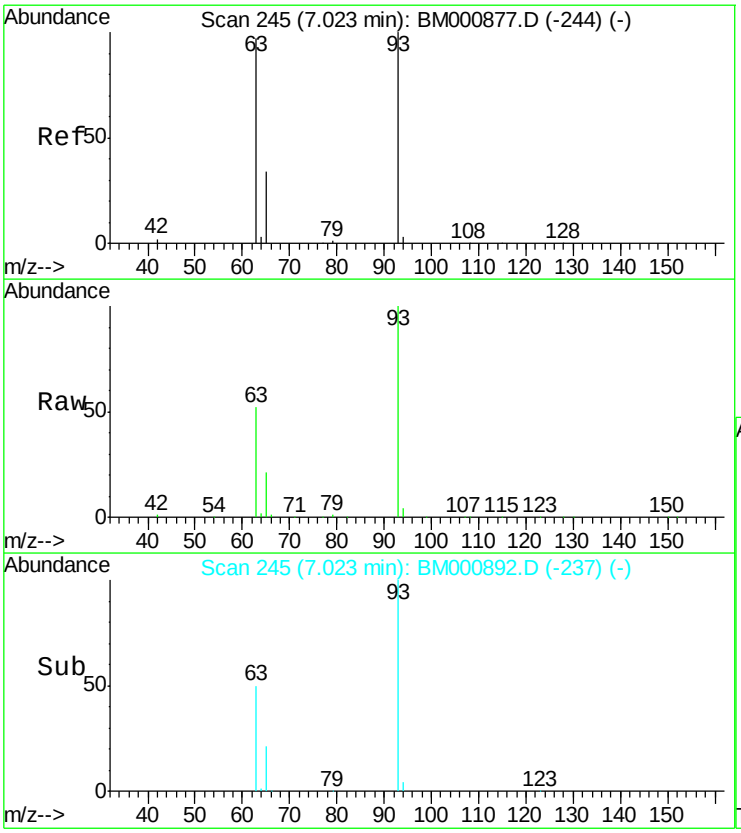
#7
Phenol
Concen: 5.95 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion: 94 Resp: 68122

Ion	Ratio	Lower	Upper
94	100		
65	5.0	0.0	30.9
66	8.7	0.0	35.8

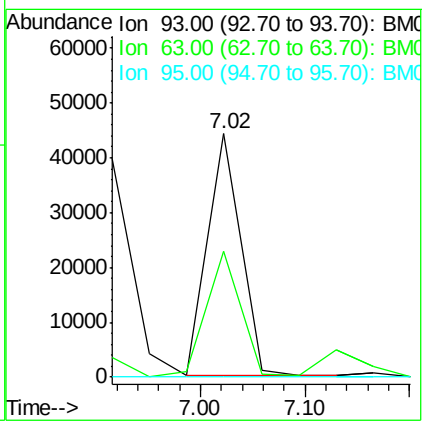


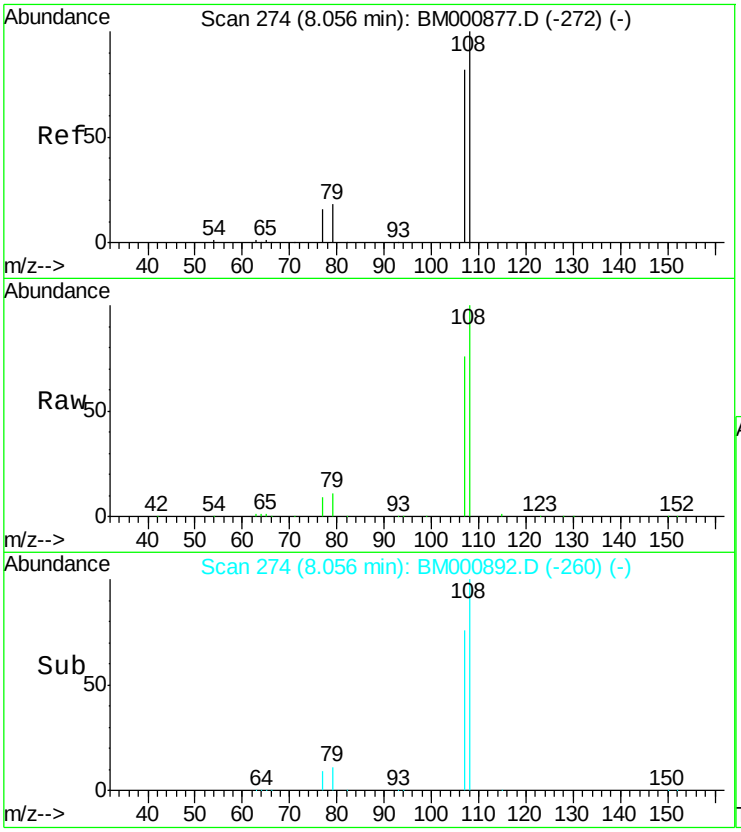


#8
bis(2-Chloroethyl)ether
Concen: 6.59 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion: 93 Resp: 96699

Ion	Ratio	Lower	Upper
93	100		
63	51.8	73.3	113.3#
95	0.0	0.0	20.0



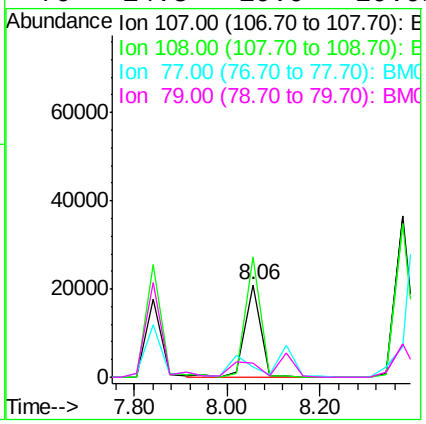


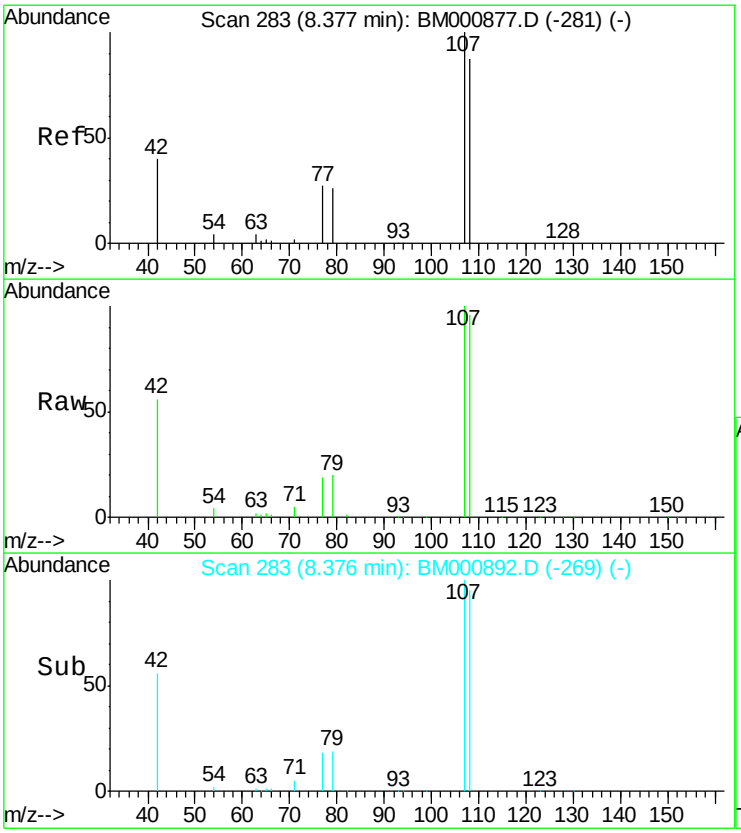
#9
2-Methylphenol
Concen: 5.81 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:107 Resp: 48801

Ion	Ratio	Lower	Upper
107	100		
108	130.9	96.7	145.1
77	11.8	18.3	27.5#
79	14.8	19.9	29.9#

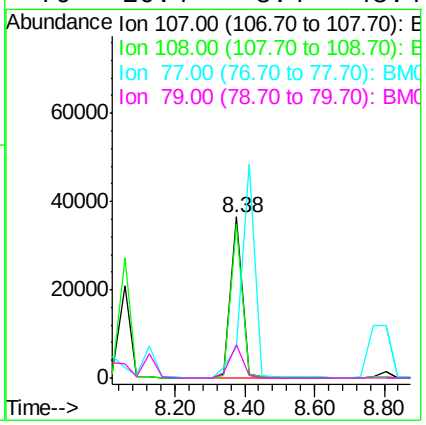


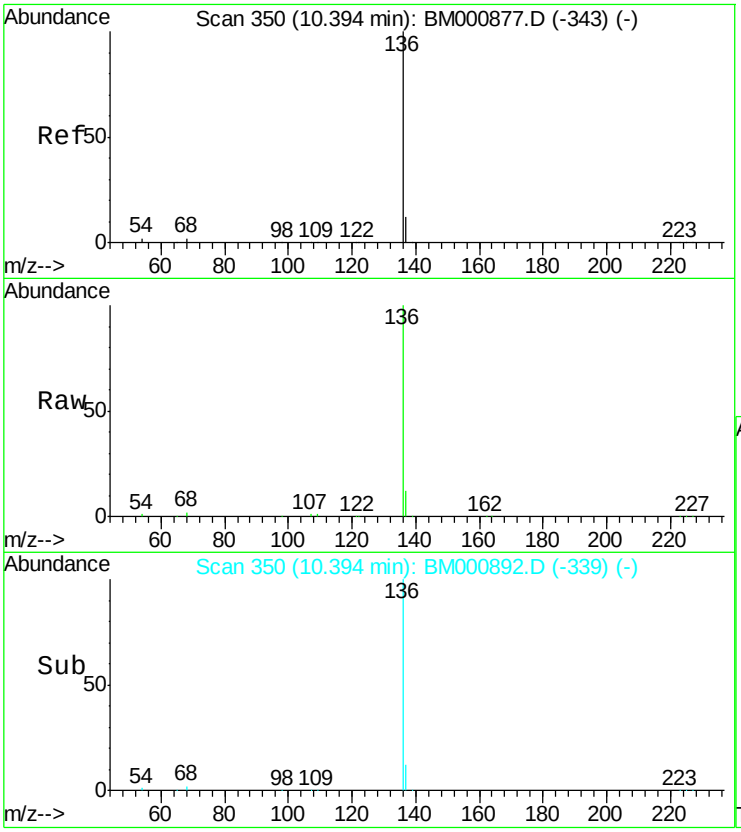


#10
3+4-Methylphenols
Concen: 5.76 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:107 Resp: 82318

Ion	Ratio	Lower	Upper
107	100		
108	95.6	67.6	107.6
77	19.1	10.0	50.0
79	20.4	8.4	48.4



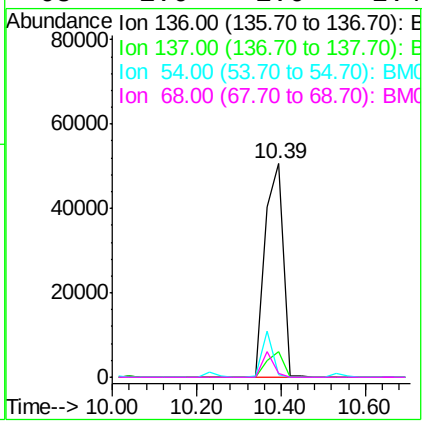


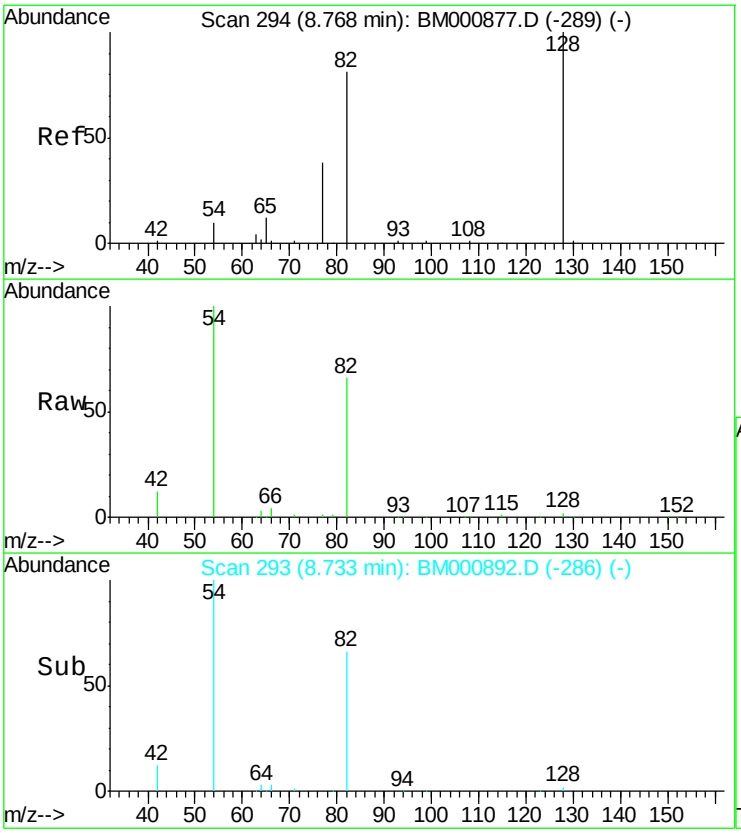
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:136 Resp: 149870

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	1.4	1.5	2.3#
68	1.6	1.6	2.4

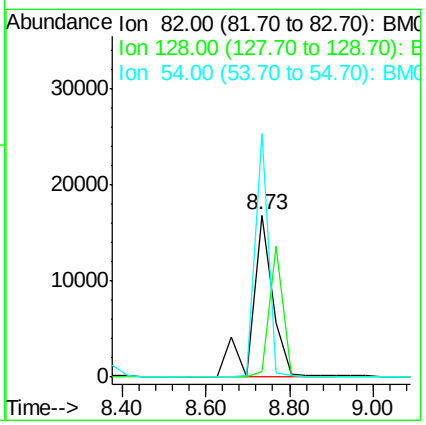


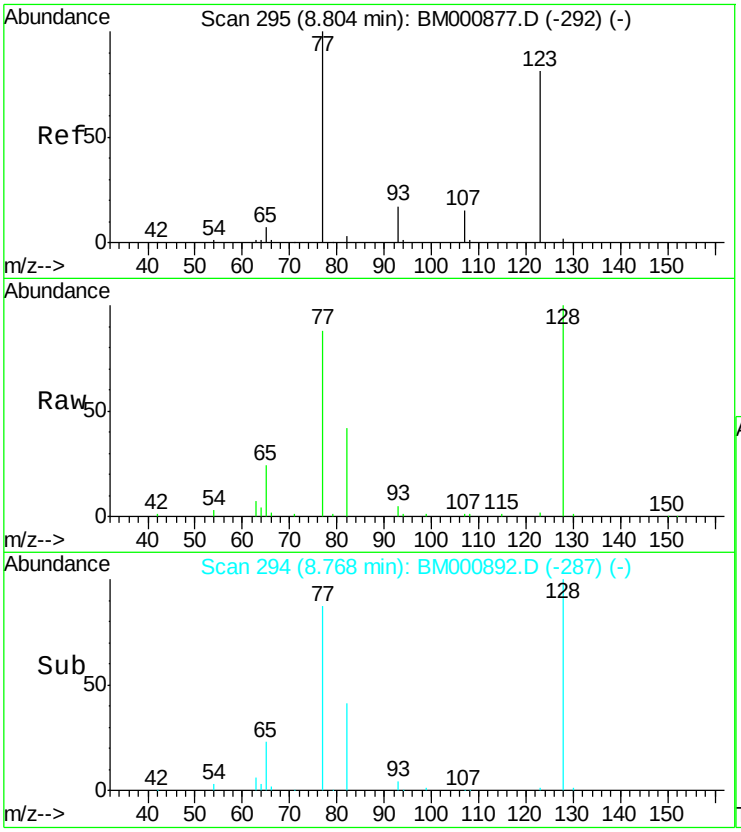


#12
Nitrobenzene-d5
Concen: 7.64 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion: 82 Resp: 57091

Ion	Ratio	Lower	Upper
82	100		
128	3.4	96.2	144.2#
54	150.4	15.0	22.6#



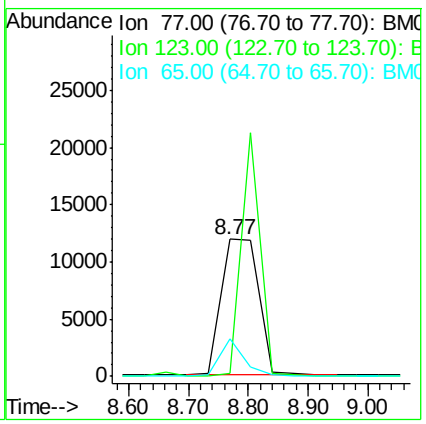


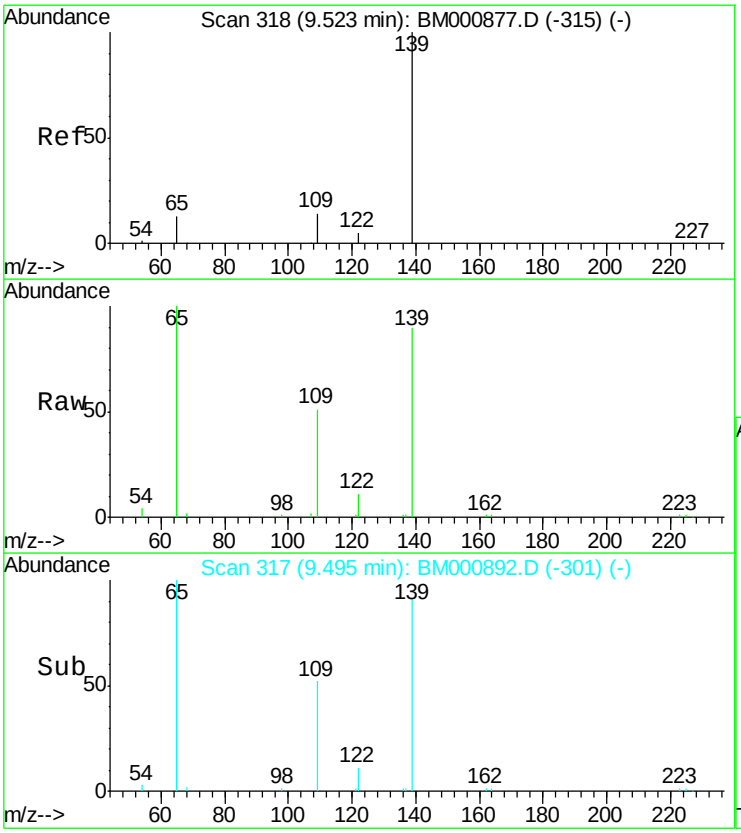
#13
Nitrobenzene
Concen: 6.82 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.04 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion: 77 Resp: 51302

Ion	Ratio	Lower	Upper
77	100		
123	1.8	64.0	96.0#
65	26.9	8.7	13.1#

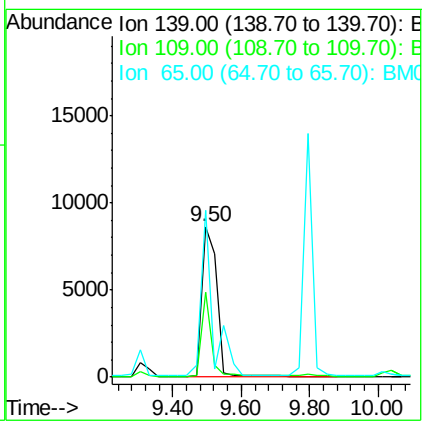


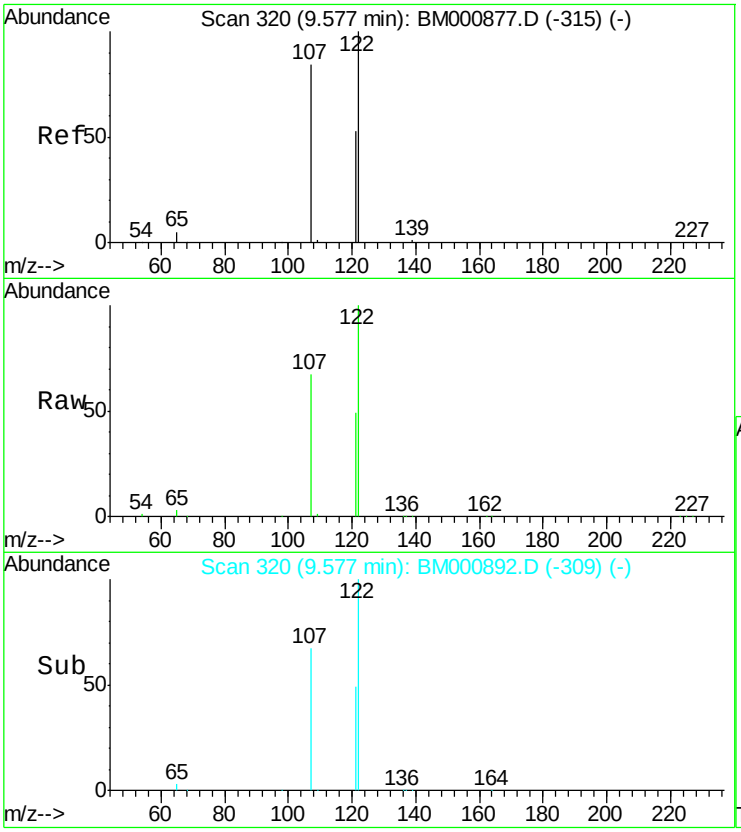


#14
2-Nitrophenol
Concen: 5.56 ng
RT: 9.50 min Scan# 317
Delta R.T. -0.03 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:139 Resp: 26498

Ion	Ratio	Lower	Upper
139	100		
109	56.5	15.8	23.8#
65	110.7	16.2	24.2#



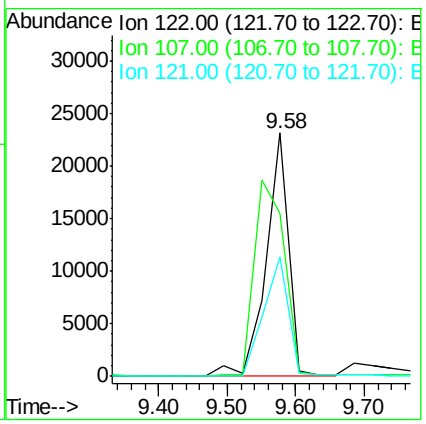


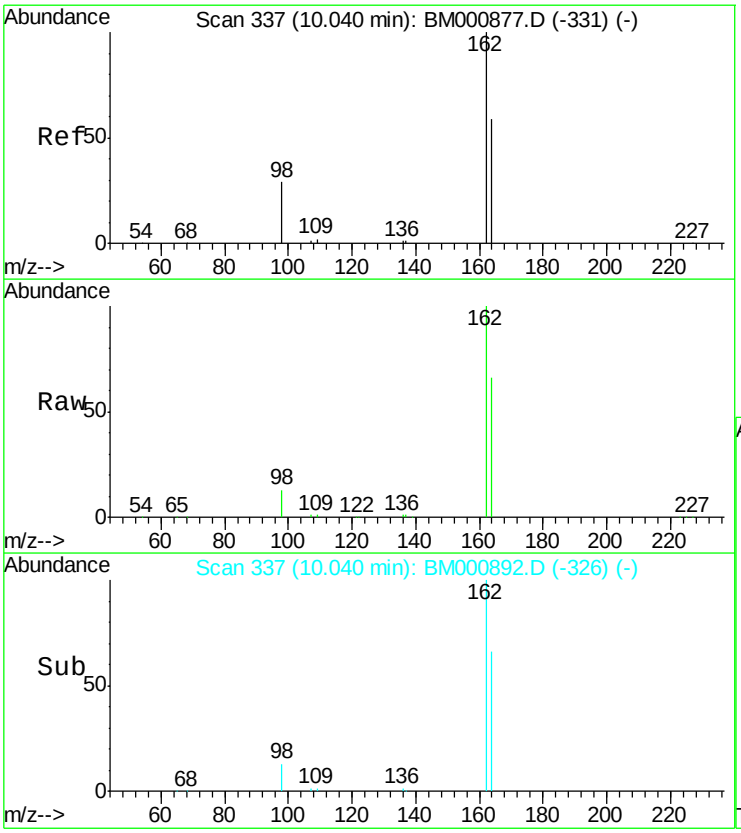
#15
2,4-Dimethylphenol
Concen: 6.10 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:122 Resp: 52443

Ion	Ratio	Lower	Upper
122	100		
107	66.7	67.4	101.2#
121	49.3	43.5	65.3

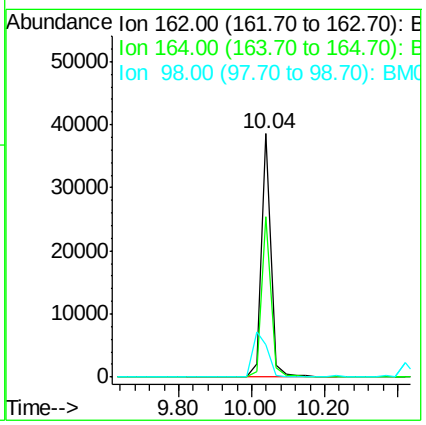


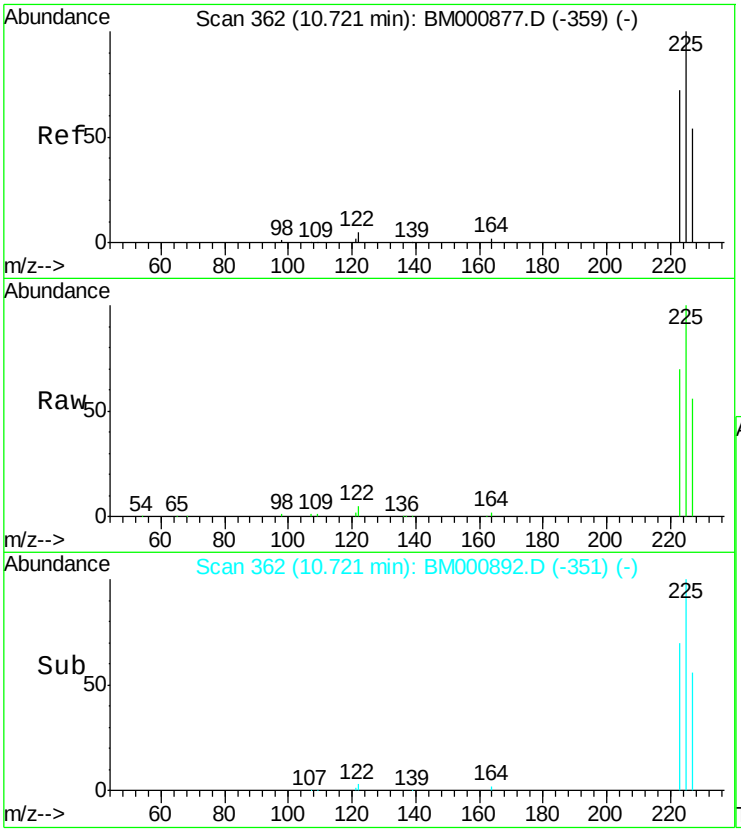


#16
2,4-Dichlorophenol
Concen: 6.29 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:162 Resp: 70351

Ion	Ratio	Lower	Upper
162	100		
164	65.6	39.9	79.9
98	13.1	11.3	51.3



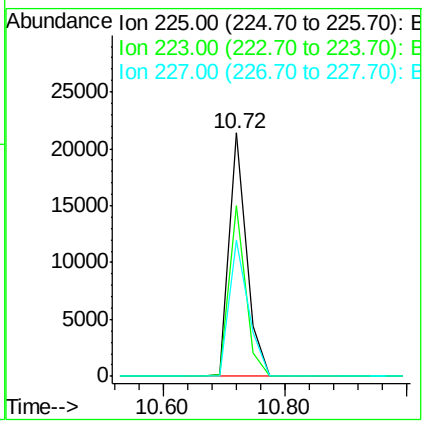


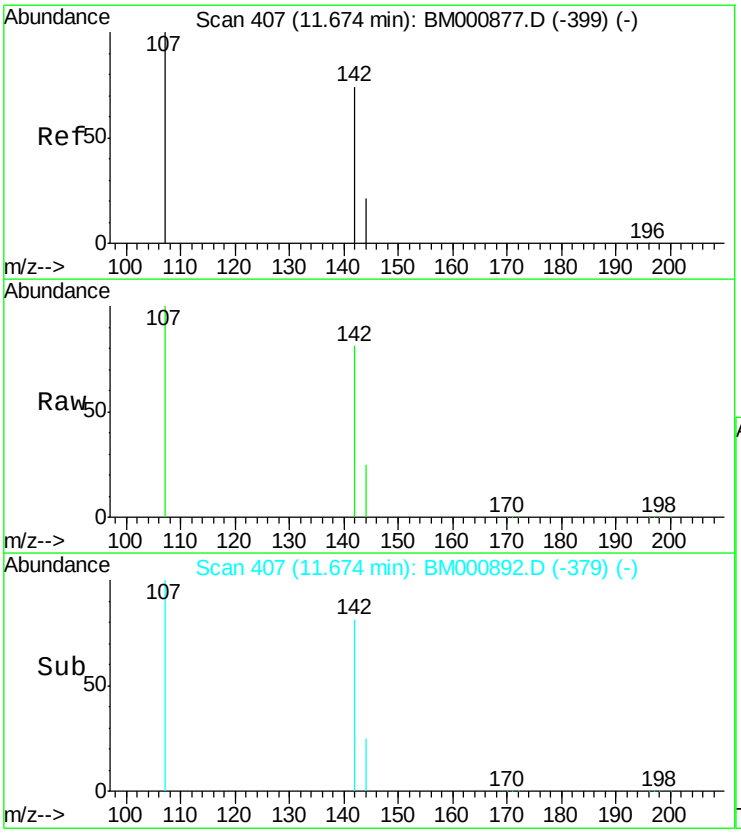
#17
Hexachlorobutadiene
Concen: 6.21 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:225 Resp: 42397

Ion	Ratio	Lower	Upper
225	100		
223	70.2	58.3	87.5
227	56.0	44.5	66.7

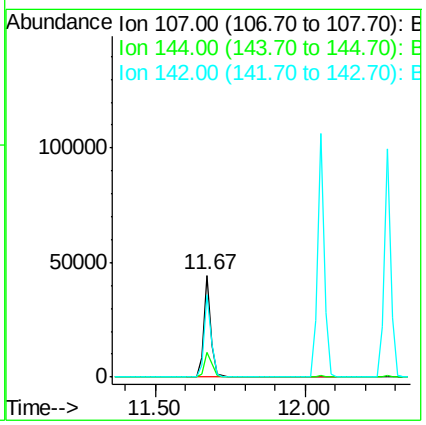


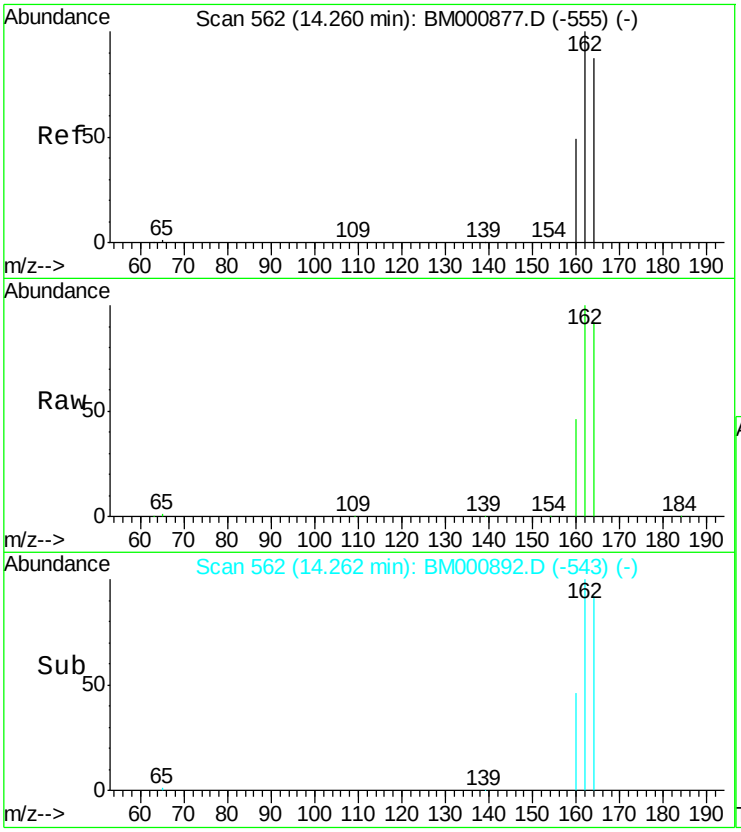


#18
4-Chloro-3-methylphenol
Concen: 6.88 ng
RT: 11.67 min Scan# 407
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:107 Resp: 71913

Ion	Ratio	Lower	Upper
107	100		
144	24.5	18.4	27.6
142	80.6	59.9	89.9



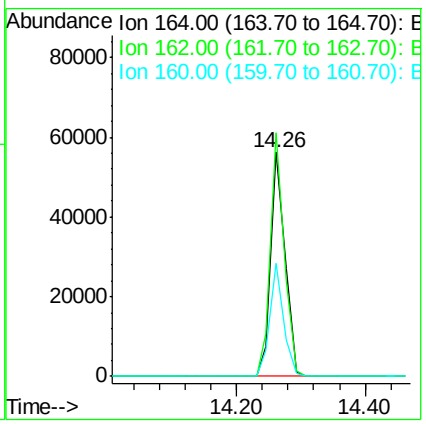


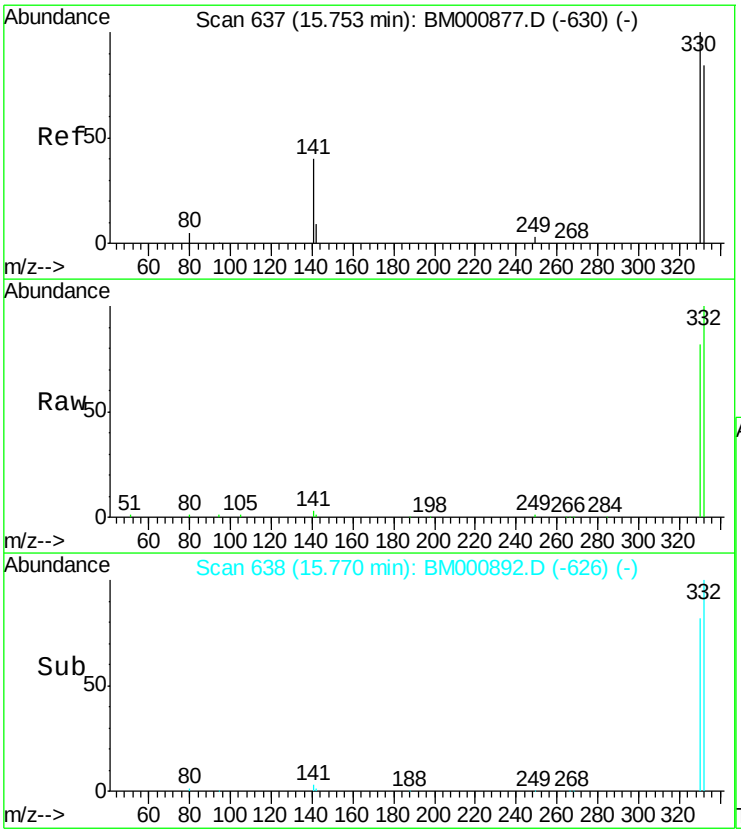
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:164 Resp: 85243

Ion	Ratio	Lower	Upper
164	100		
162	108.7	91.8	137.6
160	50.2	44.6	67.0

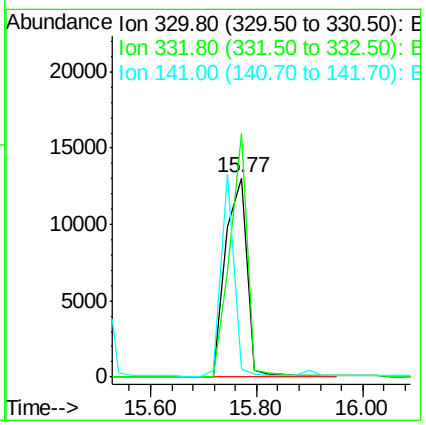


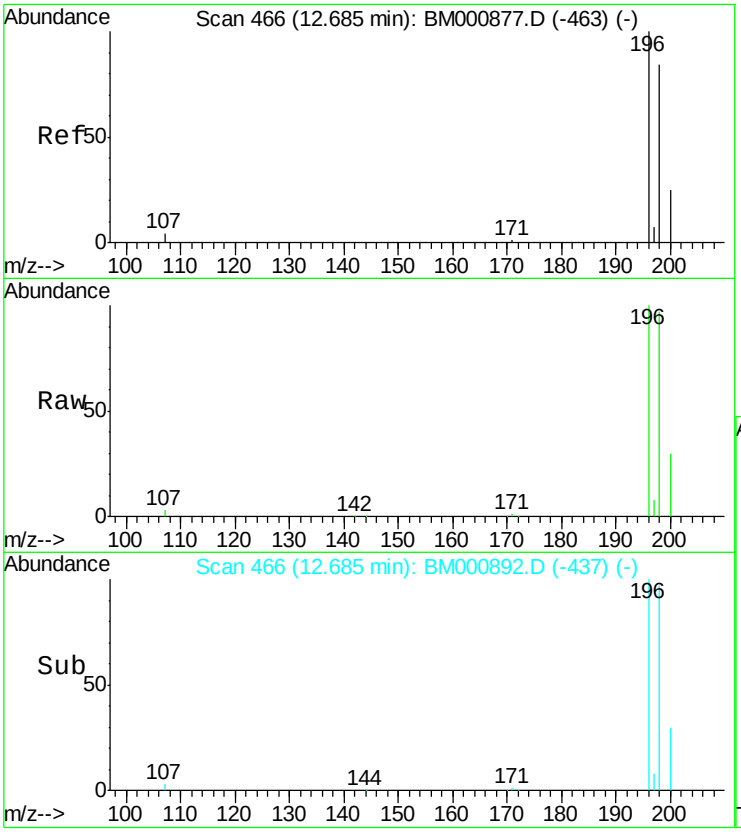


#20
2,4,6-Tribromophenol
Concen: 10.18 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:330 Resp: 36394

Ion	Ratio	Lower	Upper
330	100		
332	100.1	72.6	109.0
141	0.0	29.8	44.6#



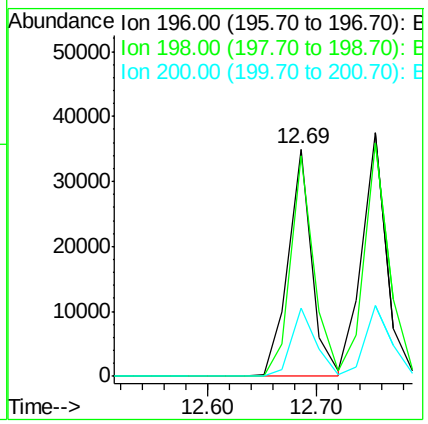


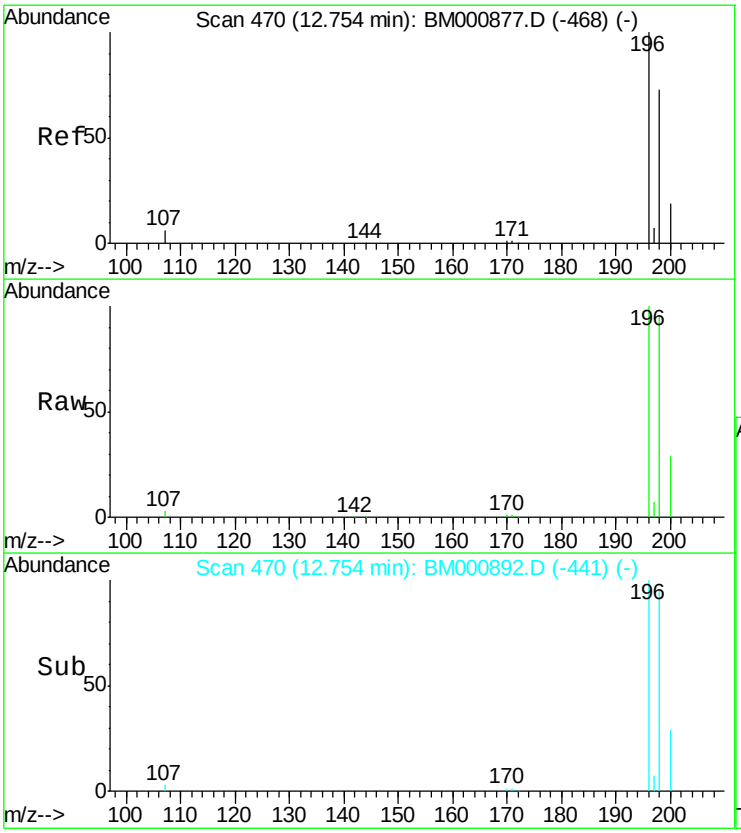
#21
2,4,6-Trichlorophenol
Concen: 7.63 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:196 Resp: 52853

Ion	Ratio	Lower	Upper
196	100		
198	97.2	67.5	101.3
200	29.8	22.1	33.1

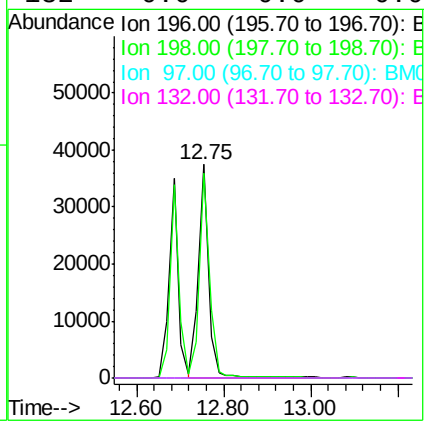


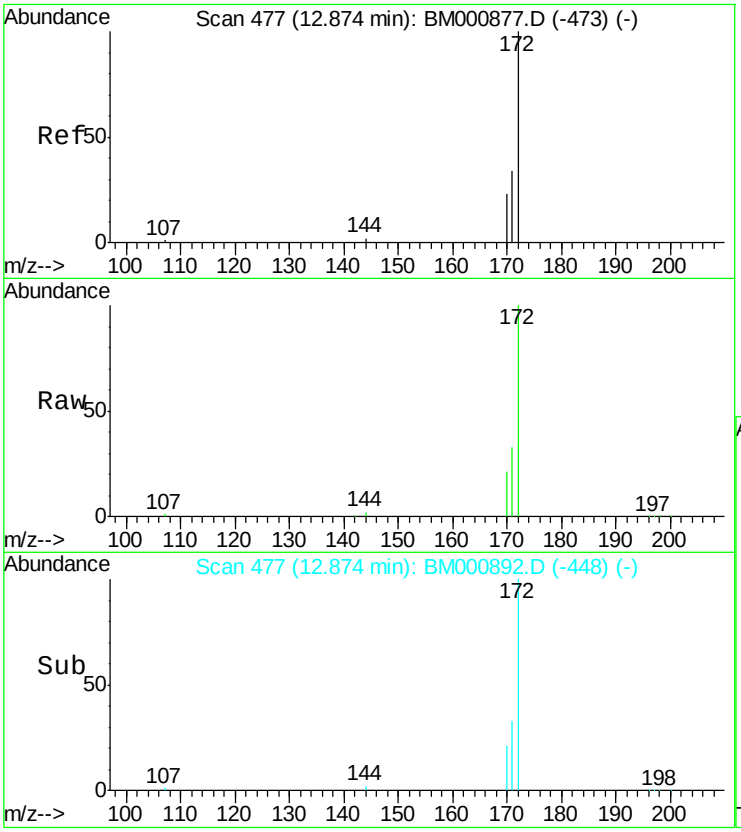


#22
2,4,5-Trichlorophenol
Concen: 7.40 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:196 Resp: 60538

Ion	Ratio	Lower	Upper
196	100		
198	95.8	62.7	94.1#
97	0.0	0.0	0.0
132	0.0	0.0	0.0



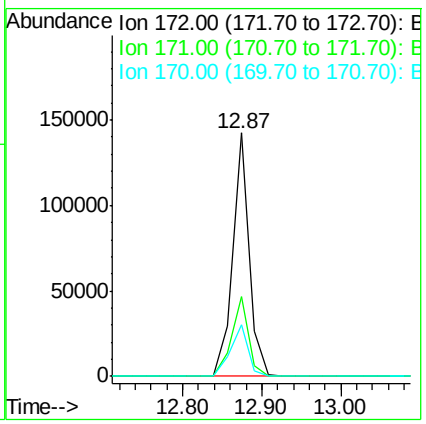


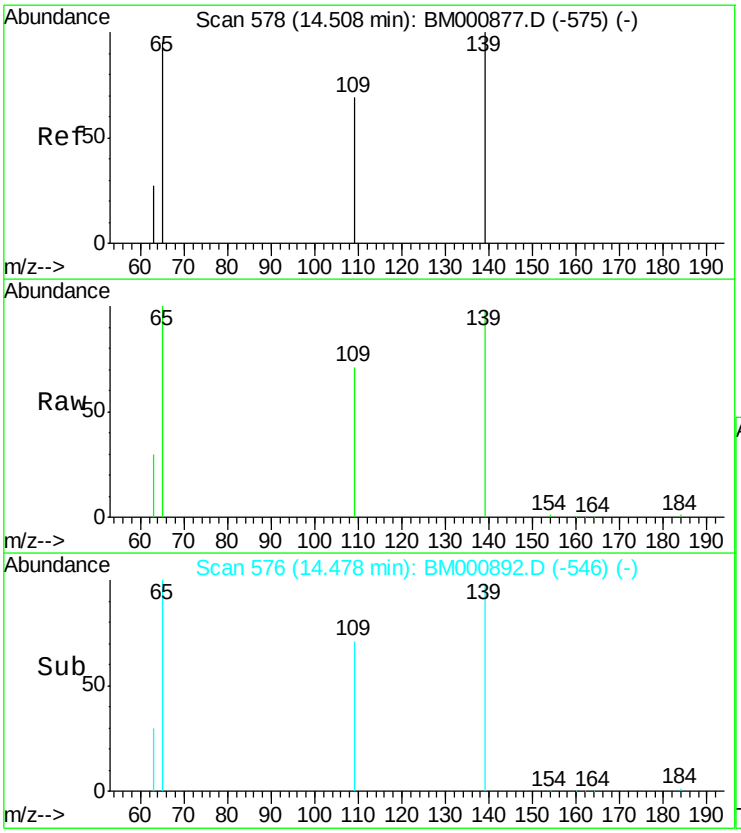
#23
2-Fluorobiphenyl
Concen: 7.81 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:172 Resp: 205320

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.8	41.8
170	21.2	19.0	28.6

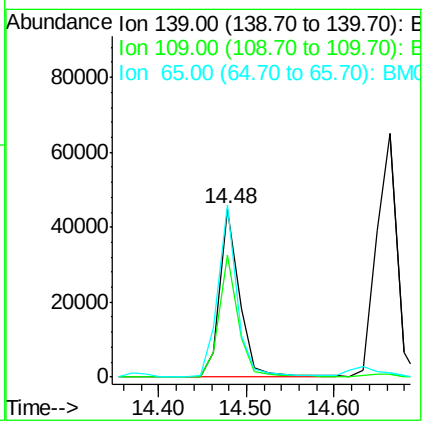


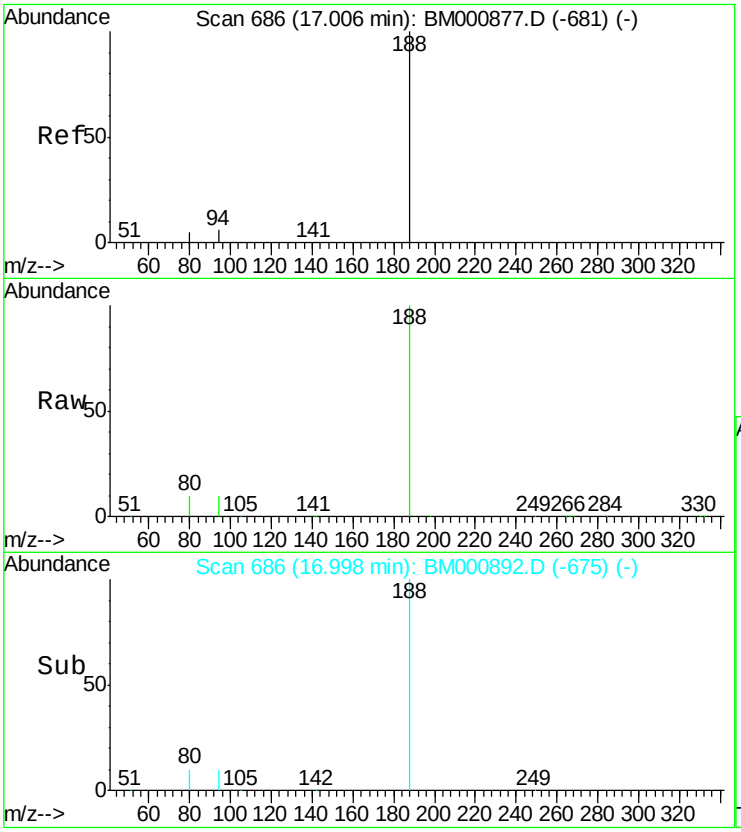


#25
4-Nitrophenol
Concen: 10.44 ng
RT: 14.48 min Scan# 576
Delta R.T. -0.03 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:139 Resp: 69672

Ion	Ratio	Lower	Upper
139	100		
109	72.8	58.4	98.4
65	101.9	87.7	127.7



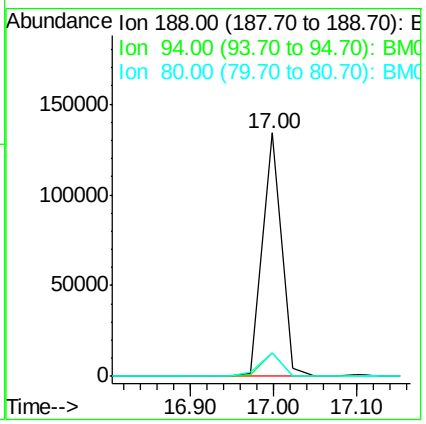


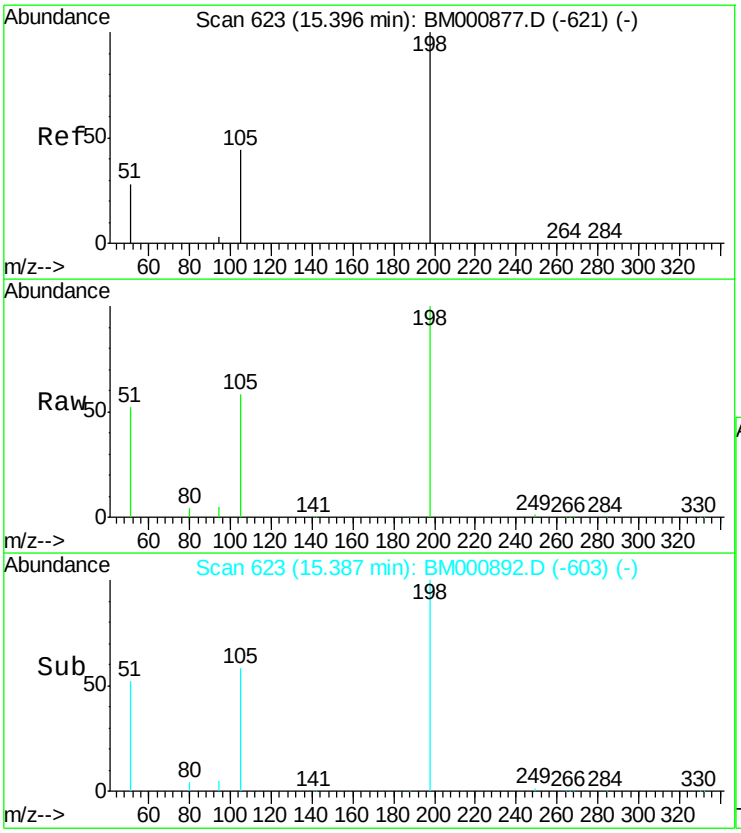
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:188 Resp: 215337

Ion	Ratio	Lower	Upper
188	100		
94	9.7	4.9	7.3#
80	9.7	4.4	6.6#

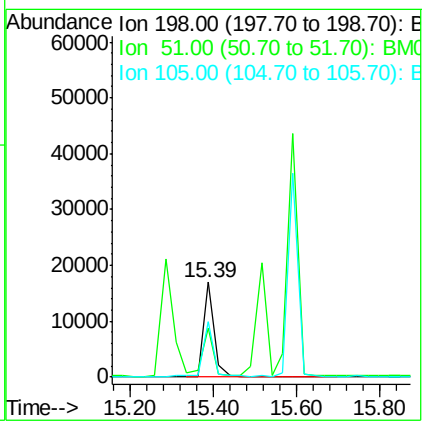


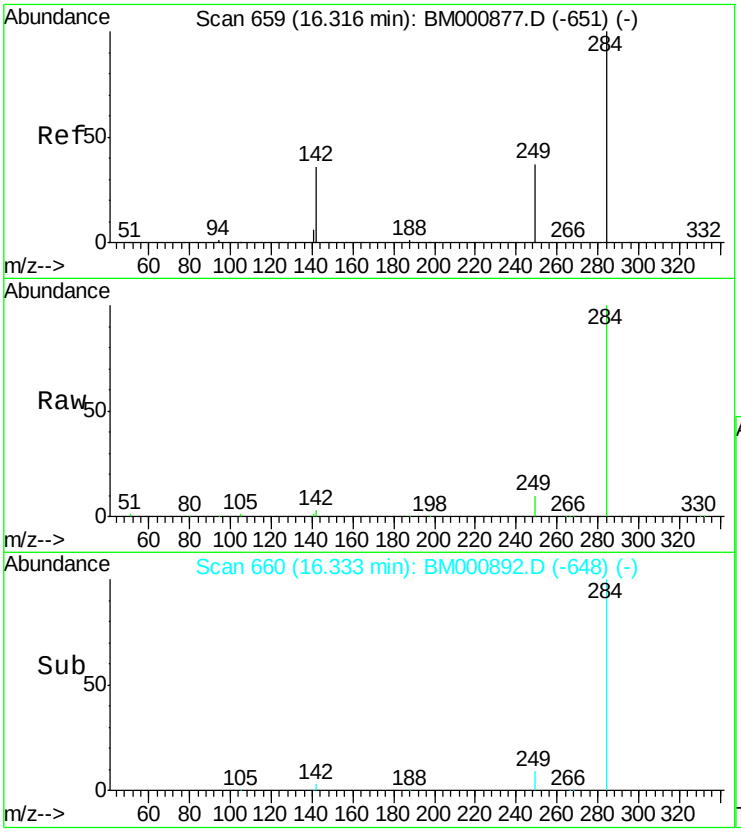


#27
4,6-Dinitro-2-methylphenol
Concen: 6.76 ng
RT: 15.39 min Scan# 623
Delta R.T. -0.01 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:198 Resp: 30121

Ion	Ratio	Lower	Upper
198	100		
51	51.8	44.6	84.6
105	58.4	36.0	76.0



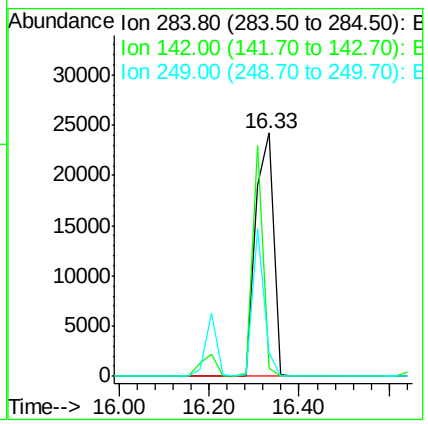


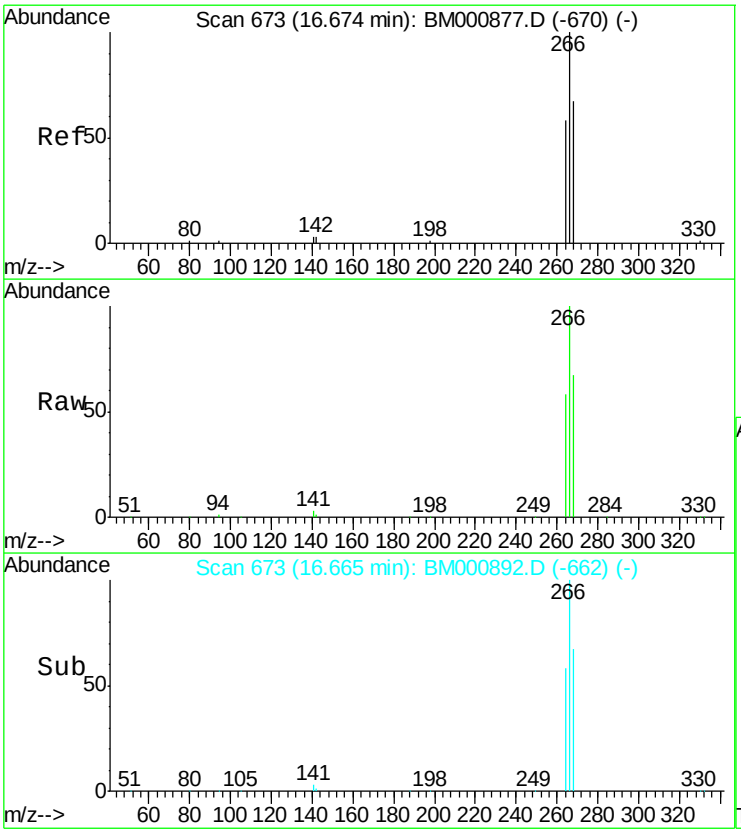
#28
Hexachlorobenzene
Concen: 7.16 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:284 Resp: 66410

Ion	Ratio	Lower	Upper
284	100		
142	3.4	29.8	44.8#
249	9.5	31.0	46.4#

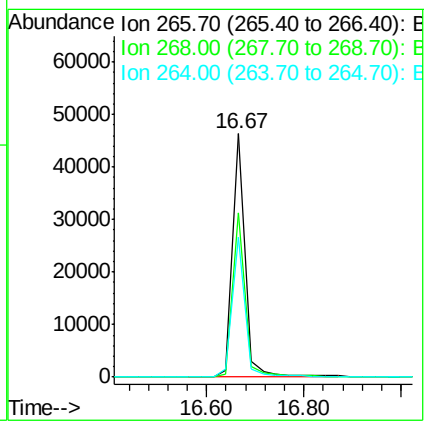


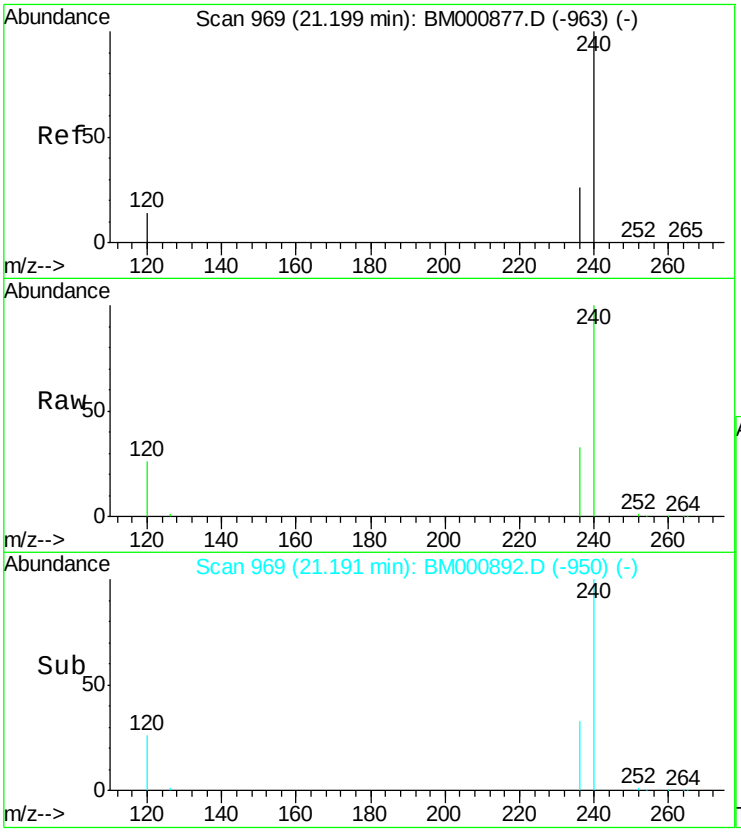


#29
Pentachlorophenol
Concen: 13.35 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:266 Resp: 81697

Ion	Ratio	Lower	Upper
266	100		
268	67.3	61.8	92.8
264	57.6	53.8	80.6



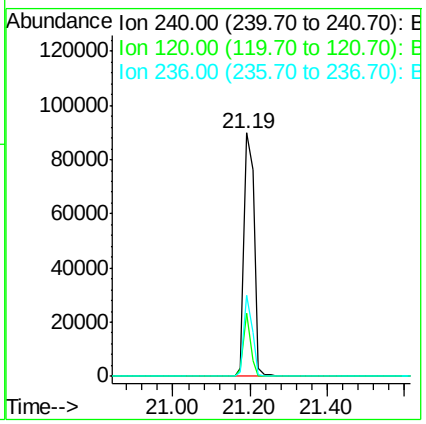


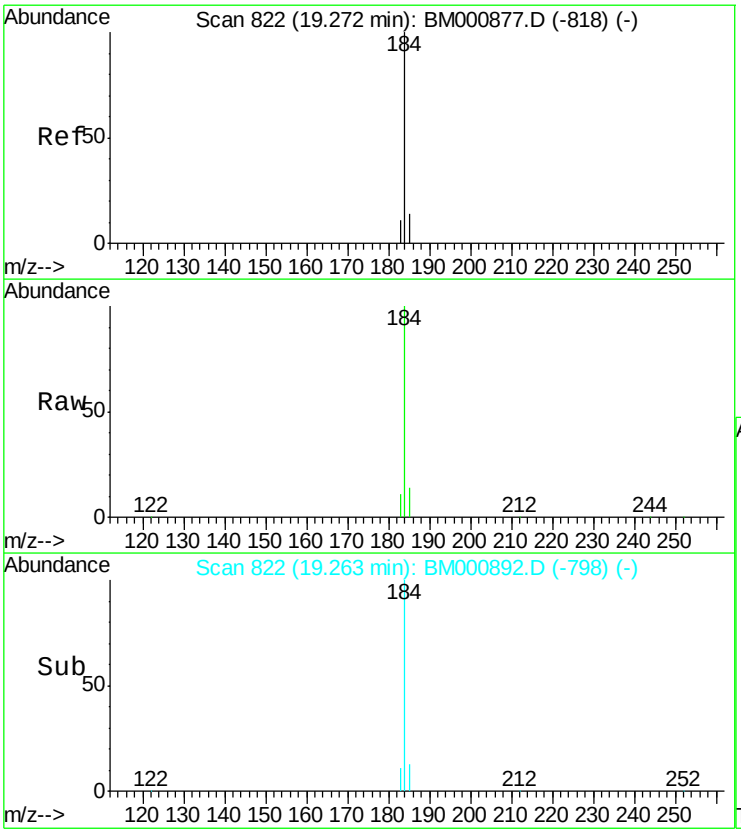
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:240 Resp: 161962

Ion	Ratio	Lower	Upper
240	100		
120	25.9	11.1	16.7#
236	33.1	20.9	31.3#

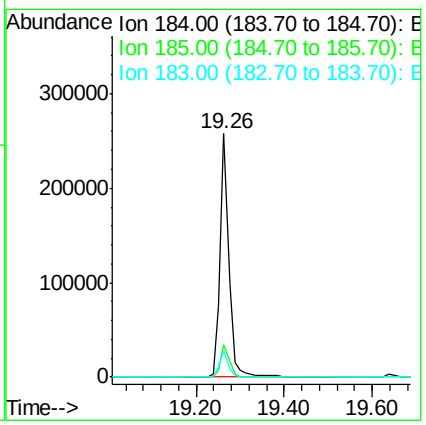


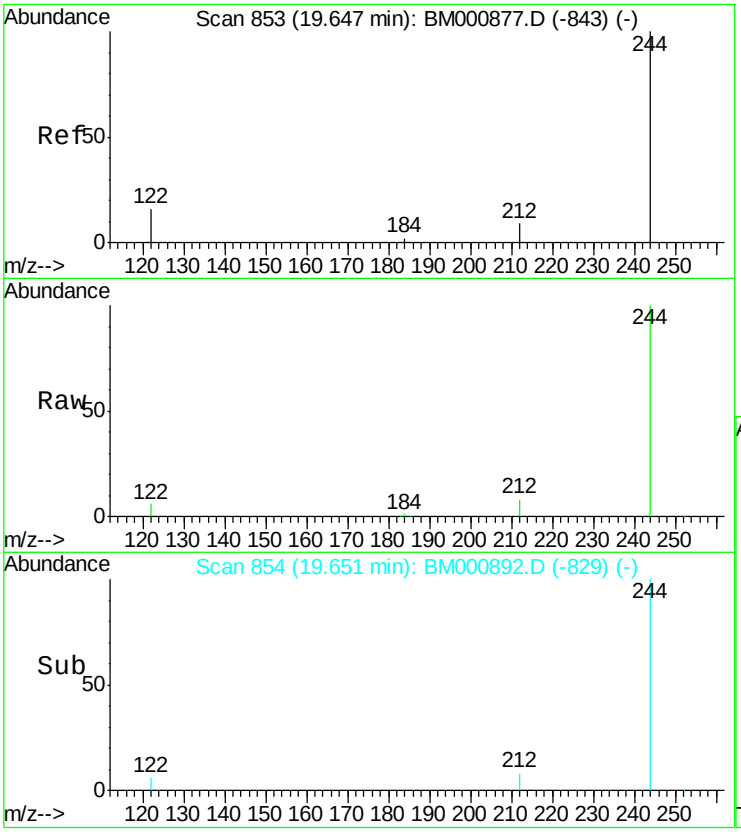


#31
Benzidine
Concen: 11.59 ng
RT: 19.26 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:184 Resp: 347821

Ion	Ratio	Lower	Upper
184	100		
185	13.5	14.4	21.6#
183	10.7	12.6	19.0#



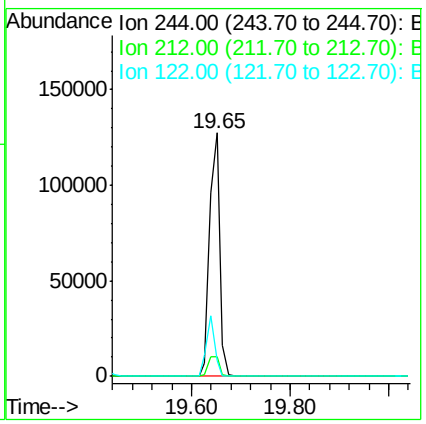


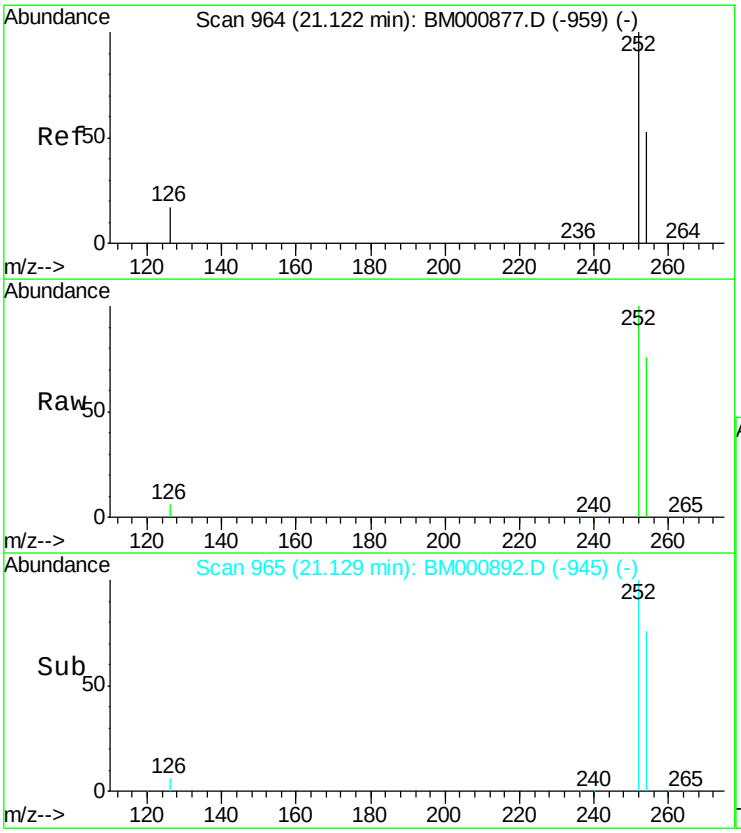
#32
Terphenyl-d14
Concen: 9.09 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:244 Resp: 181628

Ion	Ratio	Lower	Upper
244	100		
212	8.0	8.1	12.1#
122	6.5	13.6	20.4#

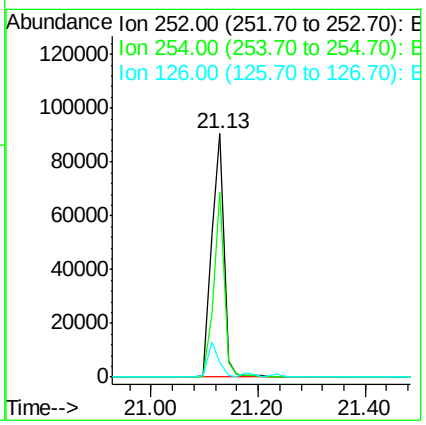


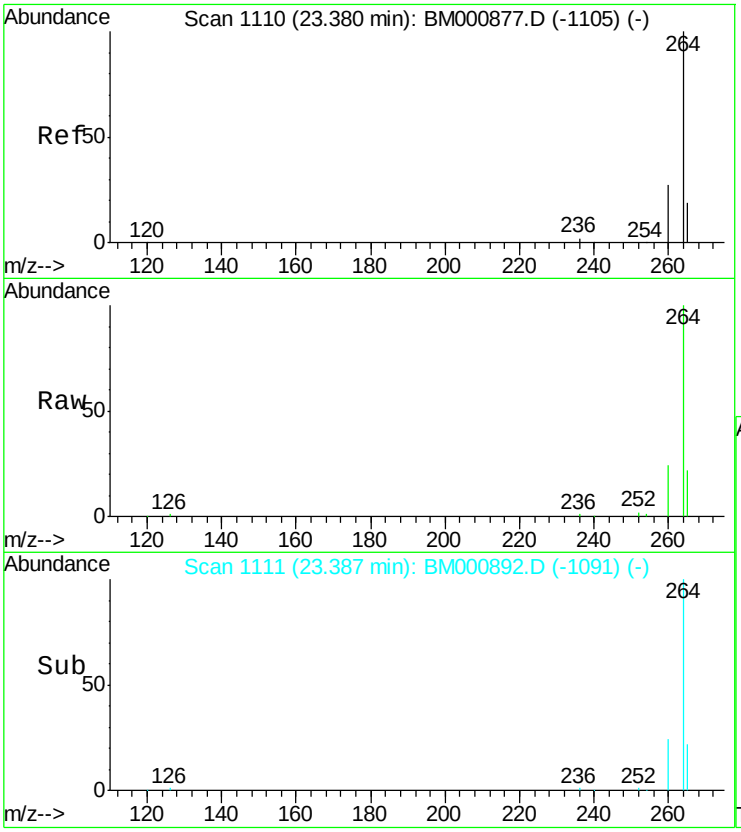


#33
3,3'-Dichlorobenzidine
Concen: 5.80 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Tgt Ion:252 Resp: 143411

Ion	Ratio	Lower	Upper
252	100		
254	75.8	43.2	64.8#
126	6.1	15.5	23.3#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM000892.D
Acq: 07 Apr 2015 23:35

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion:264 Resp: 147501

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.6	32.4
265	22.2	16.1	24.1