Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
Data File : BM000880.D
Acq On : 07 Apr 2015 15:14
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Apr 07 16:40:39 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 15:21:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	22126	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	119826	5.00	ng		0.00
19) Acenaphthene-d10	14.26	164	67322	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	163311	5.00	ng		0.00
30) Chrysene-d12	21.21	240	124019	5.00	ng		0.00
34) Perylene-d12	23.39	264	115741	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	85114	11.71	ng		0.00
5) Phenol-d6	6.77	99	155128	13.90	ng		0.00
12) Nitrobenzene-d5	8.73	82	68258	11.66	ng		-0.04
20) 2,4,6-Tribromophenol	15.77	330	29011	16.02	ng		0.02
23) 2-Fluorobiphenyl	12.87	172	213258	10.32	ng		0.00
32) Terphenyl-d14	19.65	244	167441	11.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	32161	7.61	ng	#	82
3) n-Nitrosodimethylamine	3.41	42	43823	13.94	ng	#	13
6) 2-Chlorophenol	7.17	128	117574	13.33	ng		91
7) Phenol	6.81	94	103709	11.41	ng		85
8) bis(2-Chloroethyl)ether	7.02	93	121583	14.18	ng	#	67
9) 2-Methylphenol	8.06	107	75785	11.36	ng	#	89
10) 3+4-Methylphenols	8.38	107	120177	14.32	ng		88
13) Nitrobenzene	8.80	77	67657	11.45	ng	#	26
14) 2-Nitrophenol	9.52	139	39572	10.52	ng	#	73
15) 2,4-Dimethylphenol	9.58	122	82185	12.30	ng		89
16) 2,4-Dichlorophenol	10.04	162	92468	14.50	ng		87
17) Hexachlorobutadiene	10.72	225	57471	10.61	ng		98
18) 4-Chloro-3-methylphenol	11.67	107	86376	13.75	ng		96
22) 2,4,5-Trichlorophenol	12.69	196	65042	14.58	ng		84
28) Hexachlorobenzene	16.33	284	71300	9.80	ng	#	47
29) Pentachlorophenol	16.67	266	38698	35.43	ng		88

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

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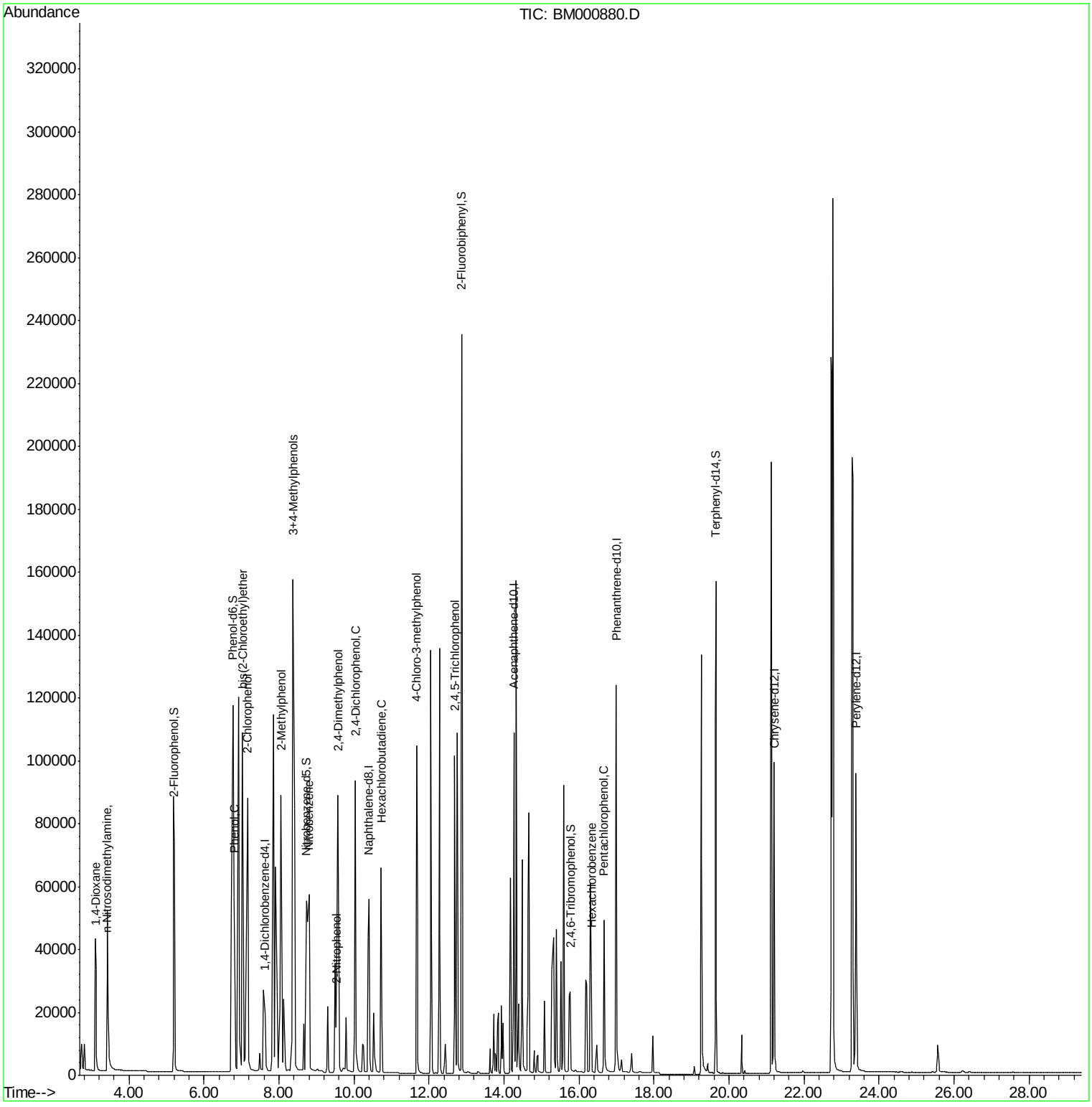
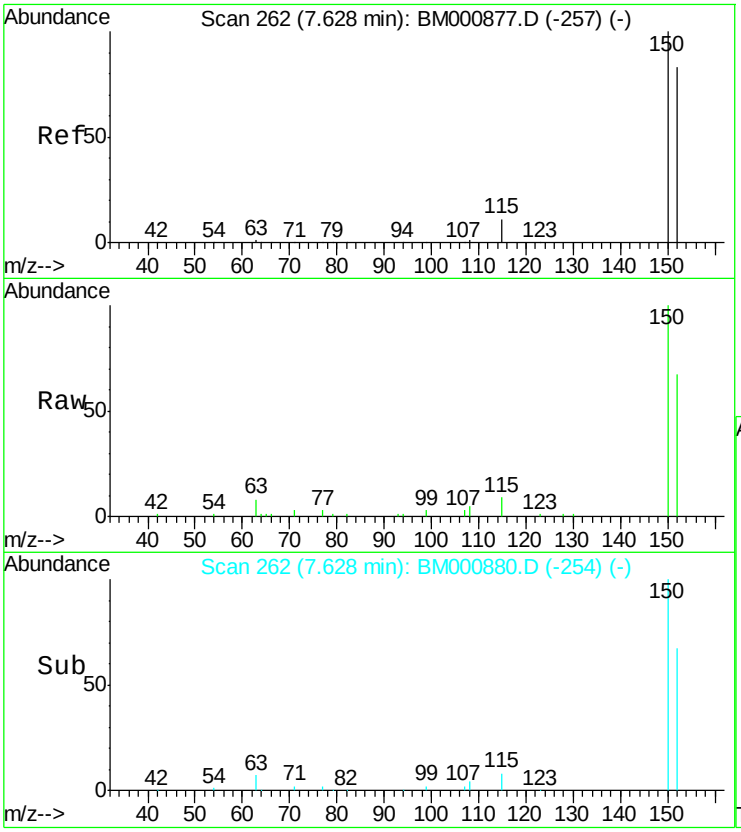


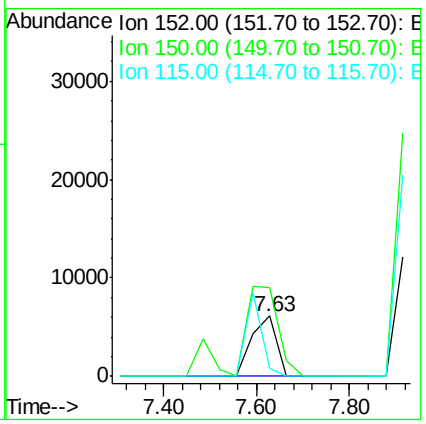


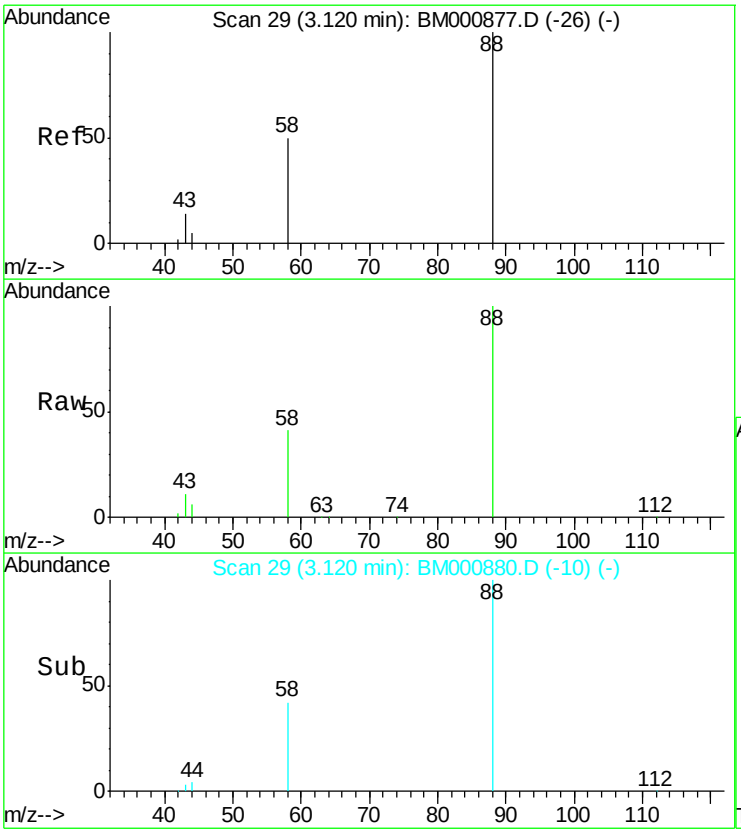
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 22126

Ion	Ratio	Lower	Upper
152	100		
150	148.4	96.5	144.7#
115	12.7	11.9	17.9

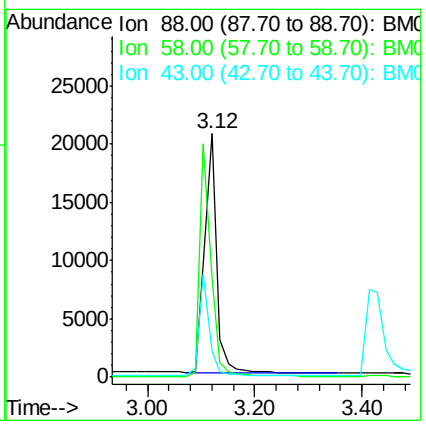


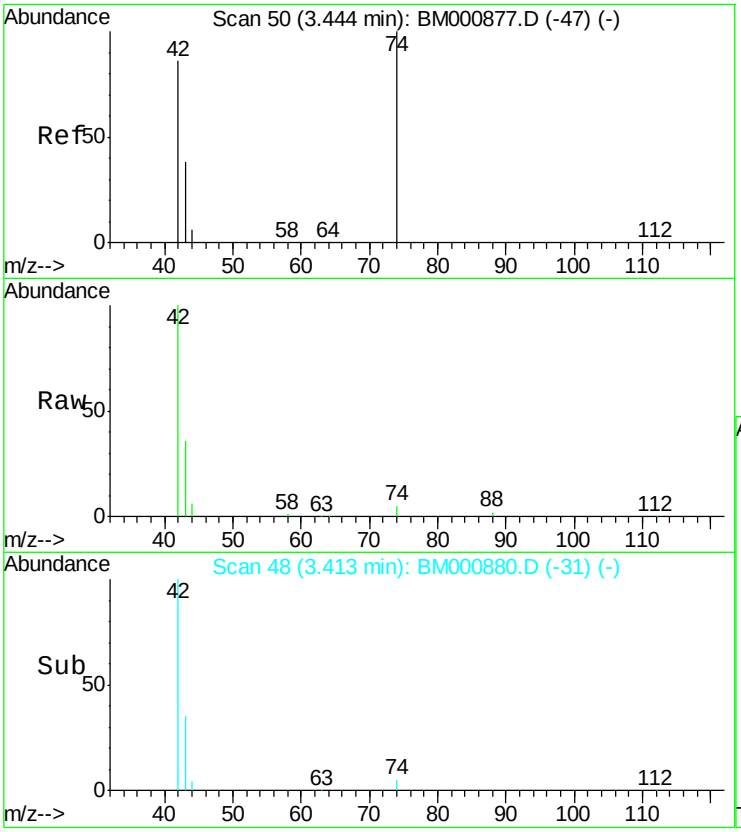


#2
1,4-Dioxane
Concen: 7.61 ng
RT: 3.12 min Scan# 29
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion: 88 Resp: 32161

Ion	Ratio	Lower	Upper
88	100		
58	89.9	56.7	85.1#
43	35.1	25.0	37.6



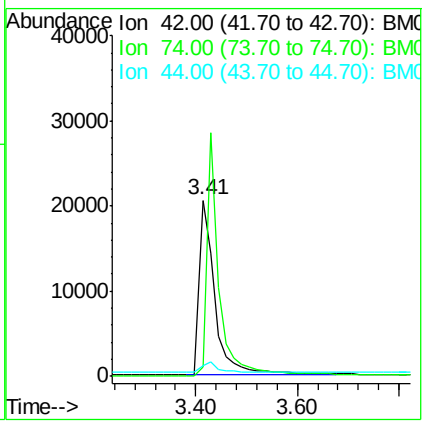


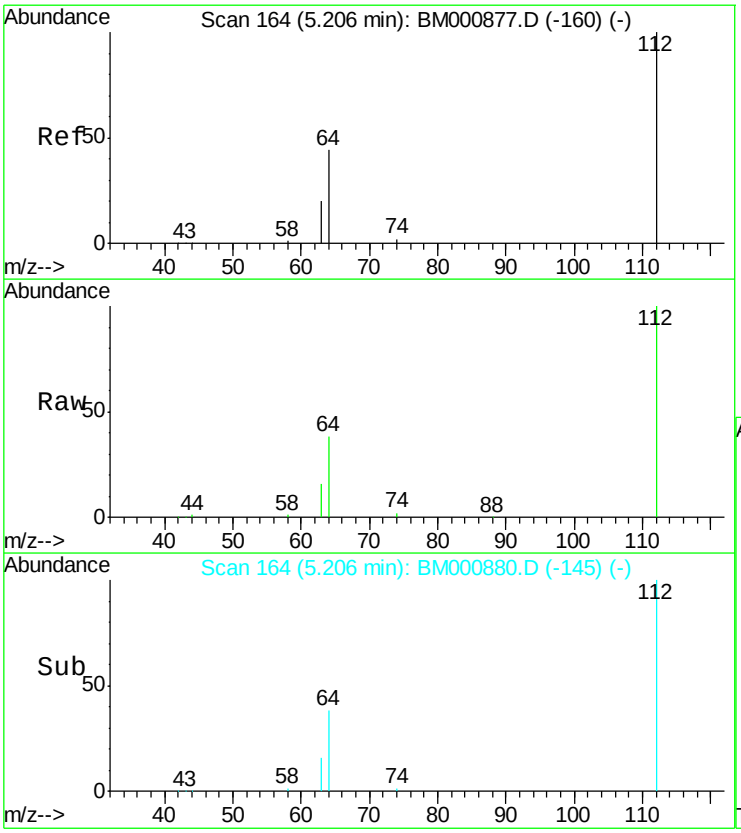
#3
n-Nitrosodimethylamine
Concen: 13.94 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.03 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 43823

Ion	Ratio	Lower	Upper
42	100		
74	5.5	81.0	121.4#
44	6.3	53.3	79.9#

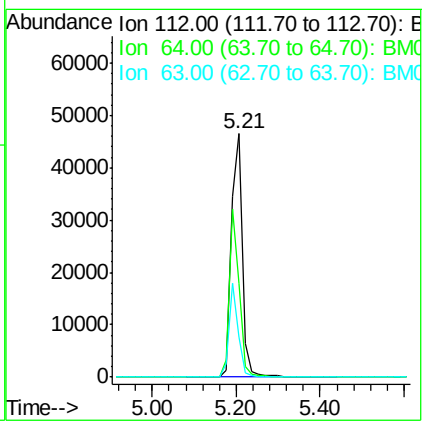


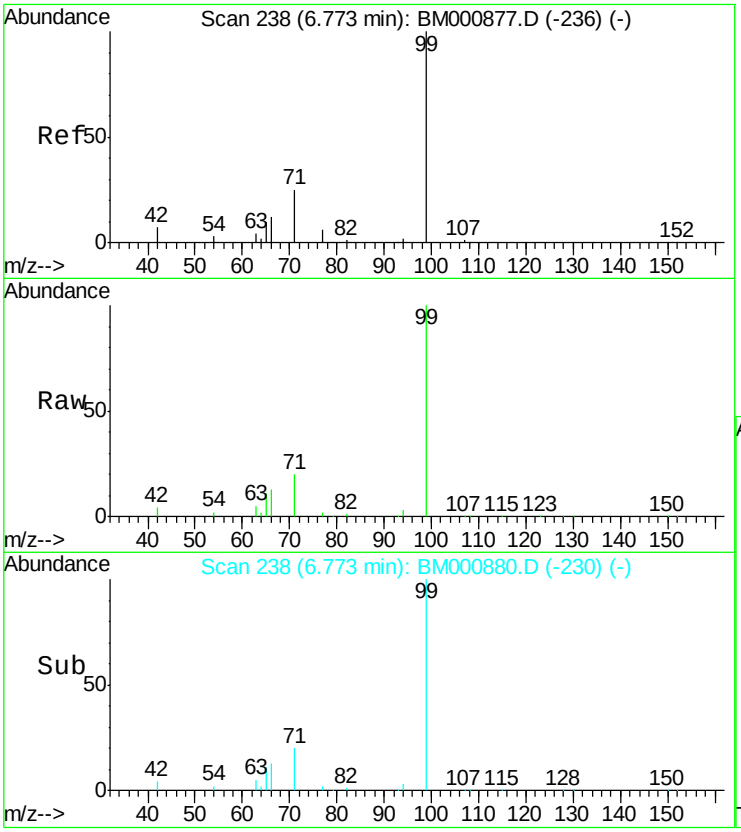


#4
2-Fluorophenol
Concen: 11.71 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:112 Resp: 85114

Ion	Ratio	Lower	Upper
112	100		
64	38.3	35.7	53.5
63	16.3	17.0	25.4#



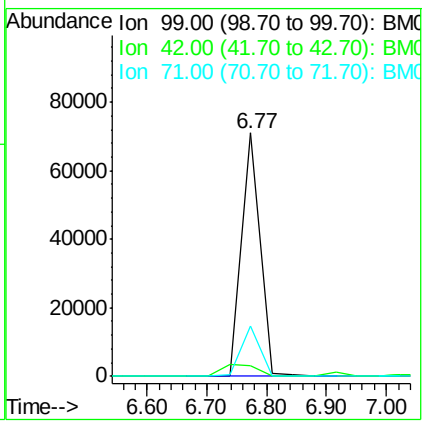


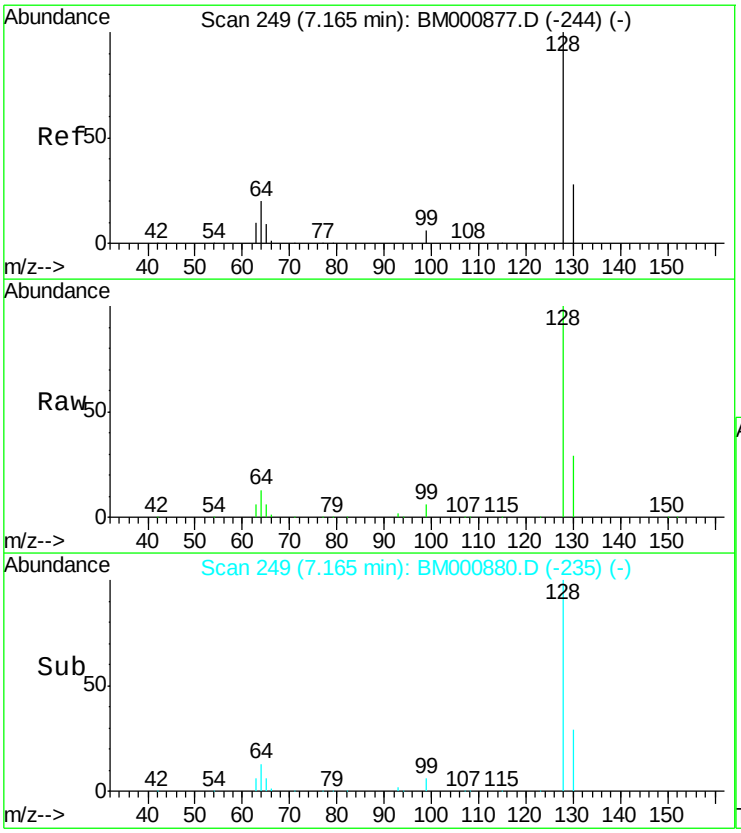
#5
Phenol-d6
Concen: 13.90 ng
RT: 6.77 min Scan# 238
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 155128

Ion	Ratio	Lower	Upper
99	100		
42	4.3	7.5	11.3#
71	20.5	21.3	31.9#

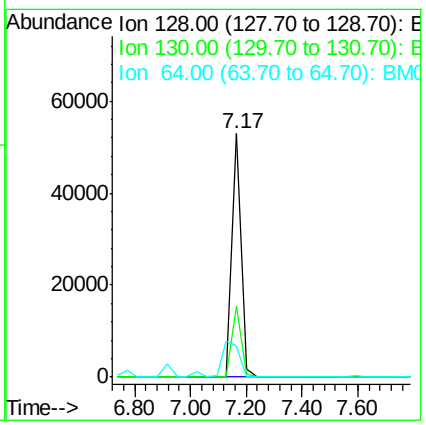


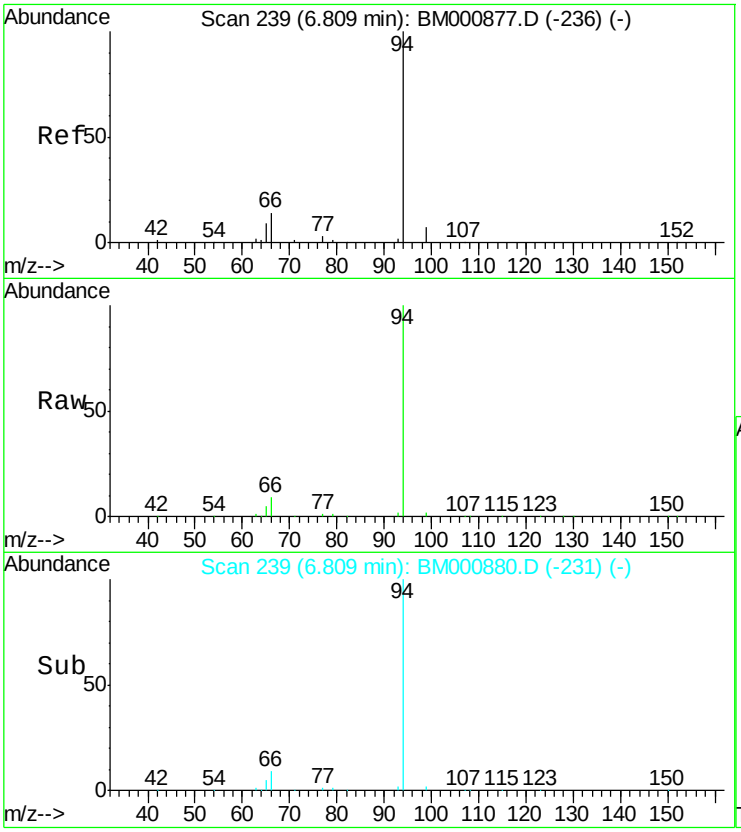


#6
2-Chlorophenol
Concen: 13.33 ng
RT: 7.17 min Scan# 249
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:128 Resp: 117574

Ion	Ratio	Lower	Upper
128	100		
130	28.9	9.4	49.4
64	12.8	2.1	42.1



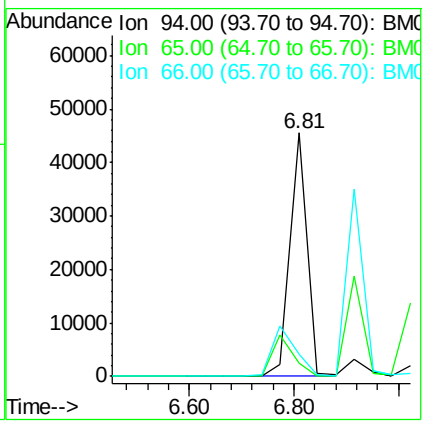


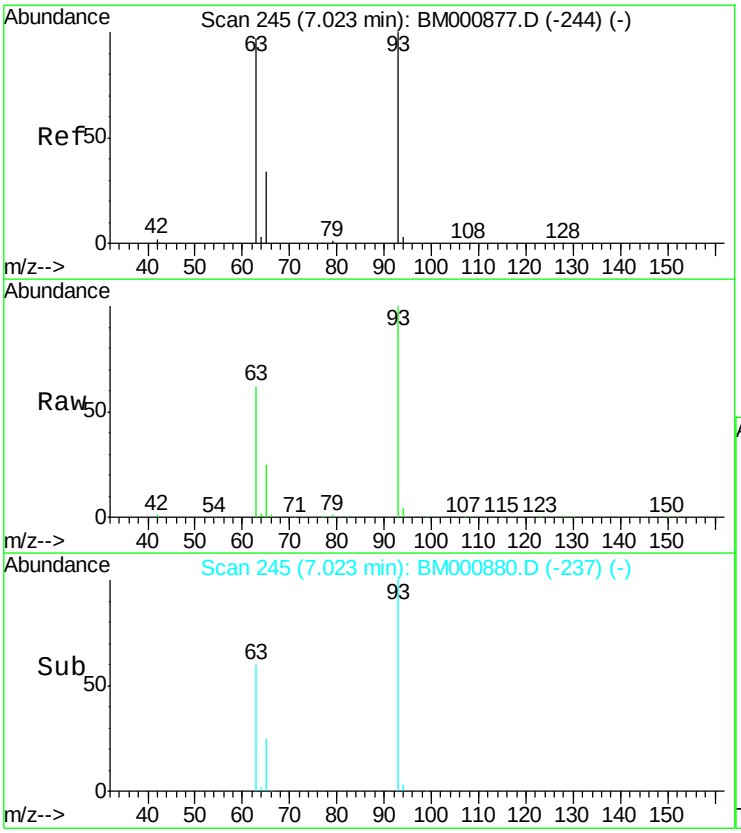
#7
Phenol
Concen: 11.41 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 94 Resp: 103709

Ion	Ratio	Lower	Upper
94	100		
65	5.4	0.0	30.9
66	9.1	0.0	35.8

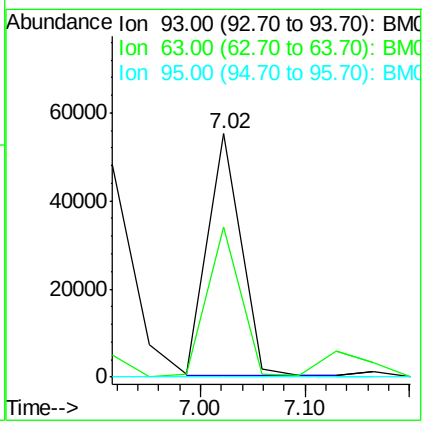


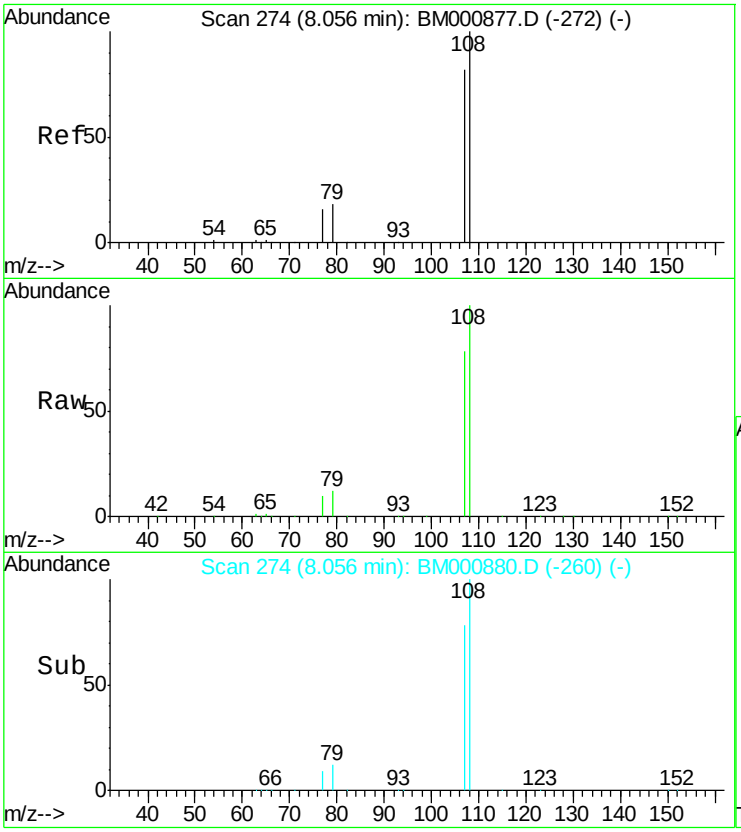


#8
bis(2-Chloroethyl)ether
Concen: 14.18 ng
RT: 7.02 min Scan# 245
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion: 93 Resp: 121583

Ion	Ratio	Lower	Upper
93	100		
63	61.6	73.3	113.3#
95	0.0	0.0	20.0



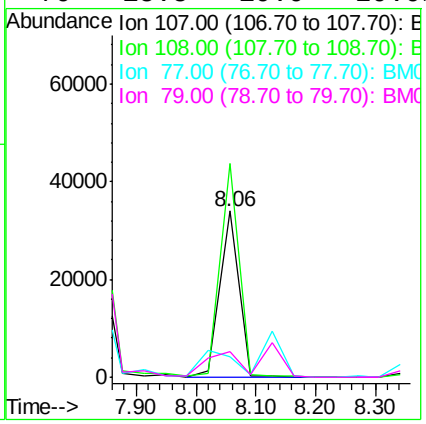


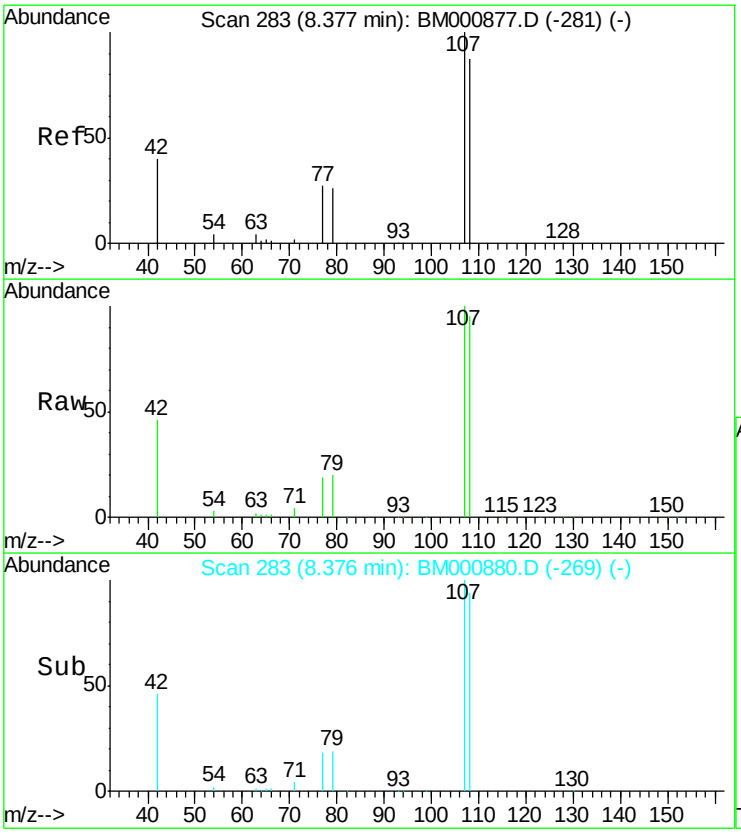
#9
2-Methylphenol
Concen: 11.36 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 75785

Ion	Ratio	Lower	Upper
107	100		
108	128.5	96.7	145.1
77	12.4	18.3	27.5#
79	15.5	19.9	29.9#

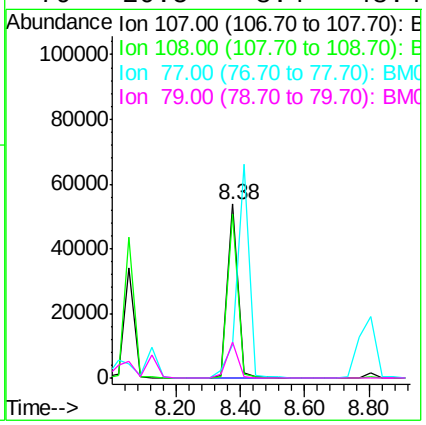


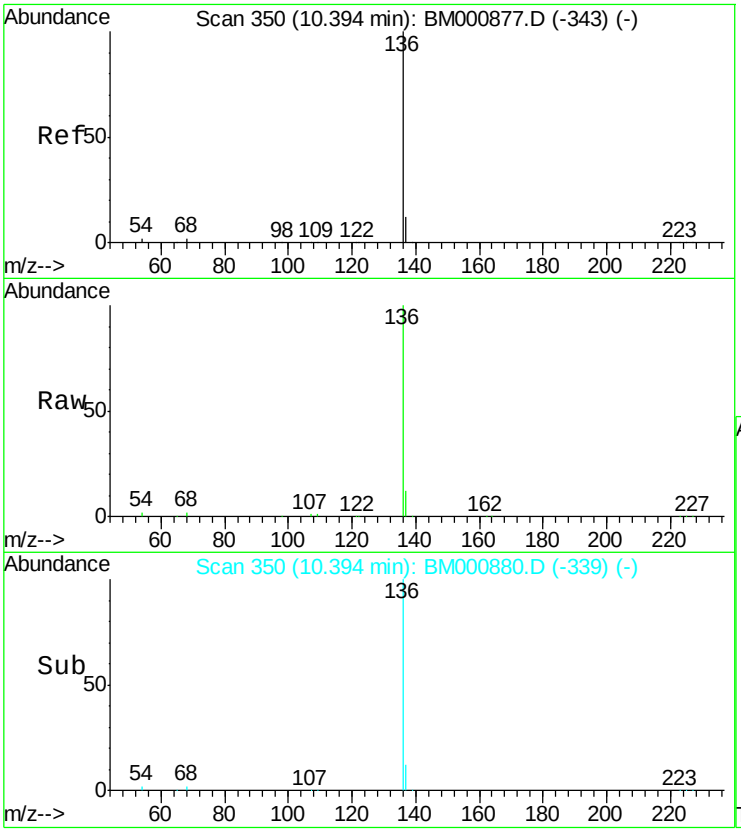


#10
3+4-Methylphenols
Concen: 14.32 ng
RT: 8.38 min Scan# 283
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:107 Resp: 120177

Ion	Ratio	Lower	Upper
107	100		
108	94.6	67.6	107.6
77	19.1	10.0	50.0
79	20.5	8.4	48.4



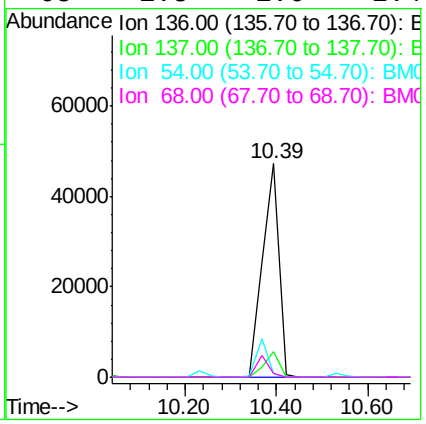


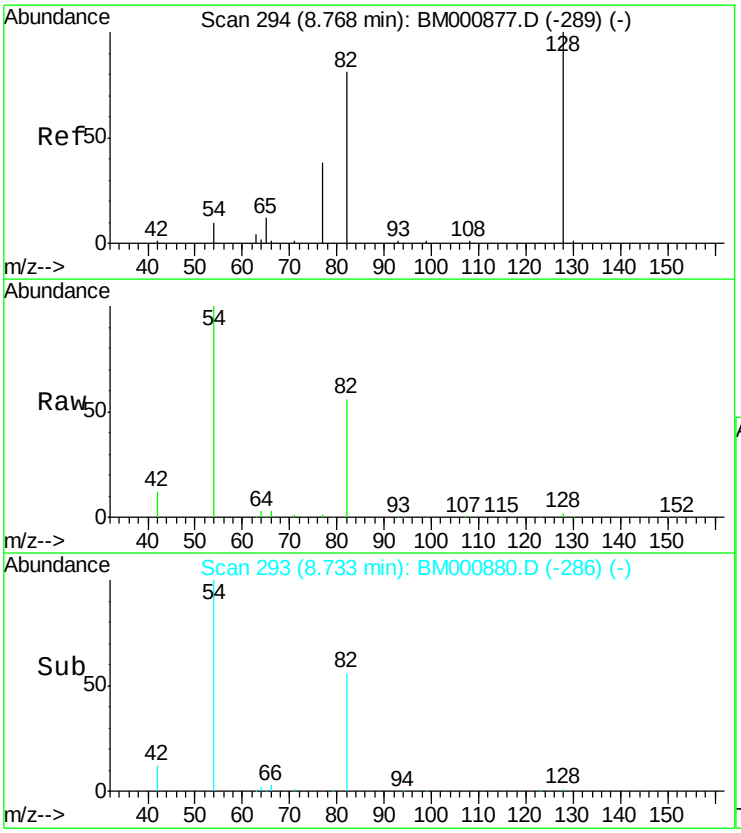
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 119826

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	1.6	1.5	2.3
68	1.8	1.6	2.4

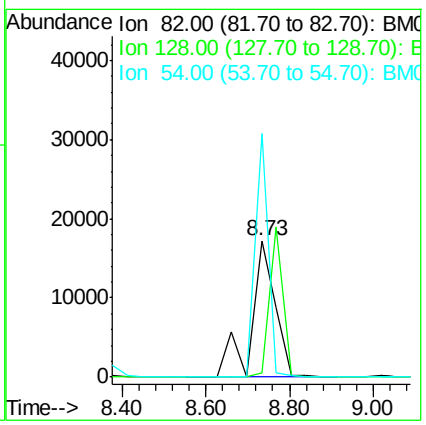


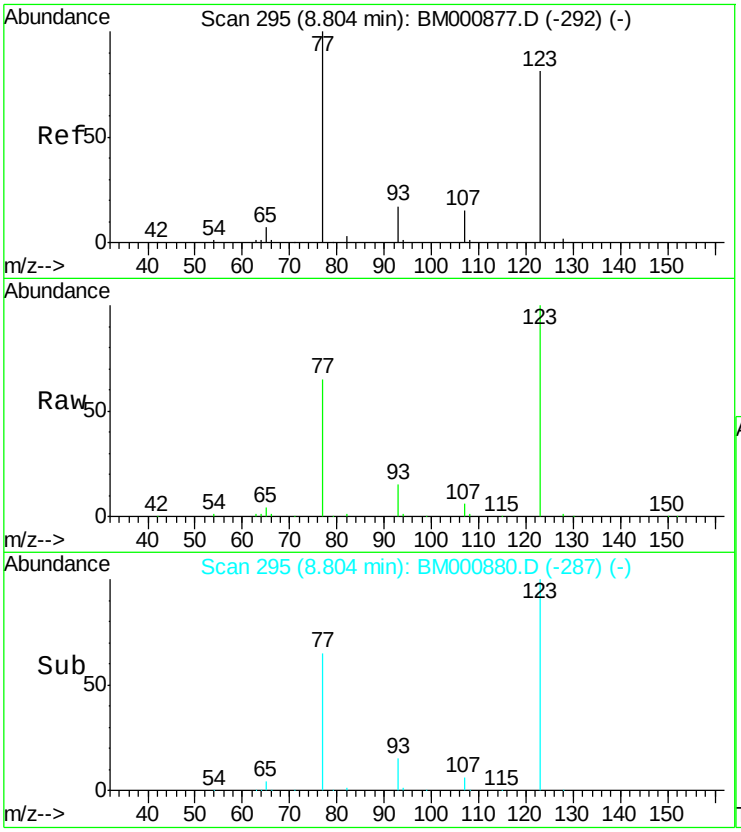


#12
Nitrobenzene-d5
Concen: 11.66 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion: 82 Resp: 68258

Ion	Ratio	Lower	Upper
82	100		
128	2.9	96.2	144.2#
54	178.9	15.0	22.6#



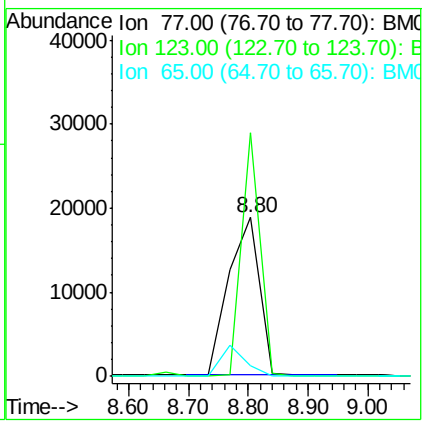


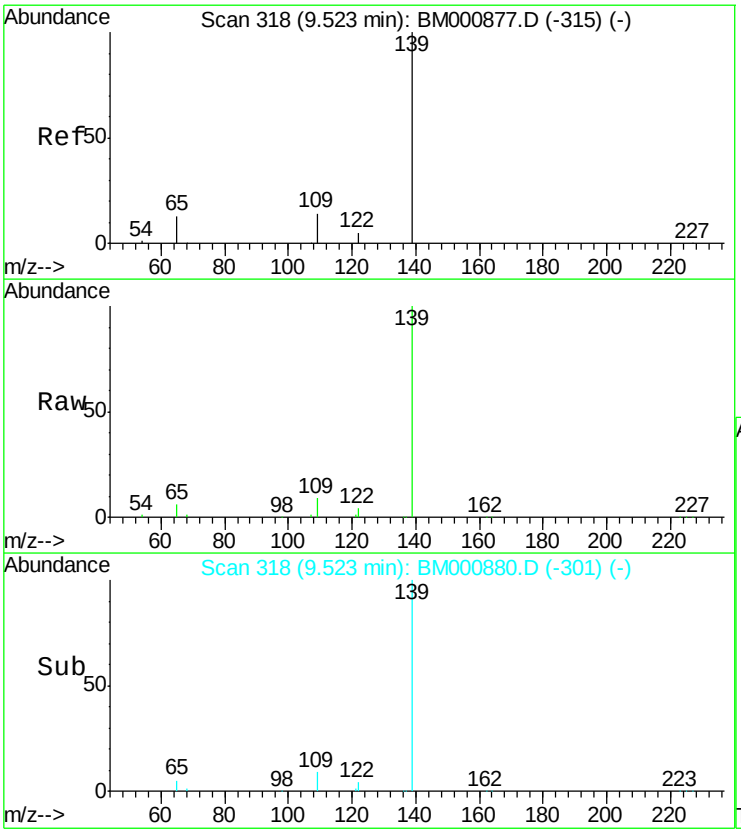
#13
Nitrobenzene
Concen: 11.45 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 67657

Ion	Ratio	Lower	Upper
77	100		
123	153.3	64.0	96.0#
65	6.5	8.7	13.1#

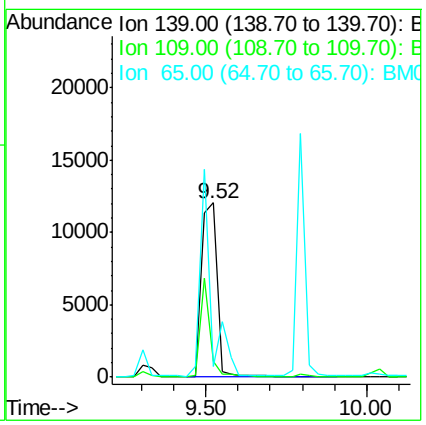


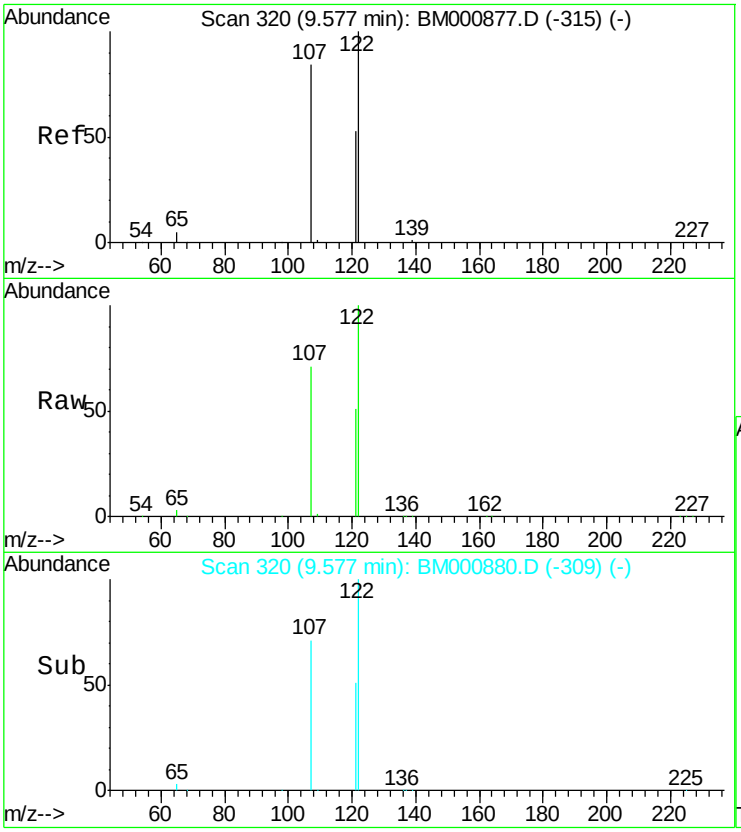


#14
2-Nitrophenol
Concen: 10.52 ng
RT: 9.52 min Scan# 318
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:139 Resp: 39572

Ion	Ratio	Lower	Upper
139	100		
109	9.3	15.8	23.8#
65	6.0	16.2	24.2#



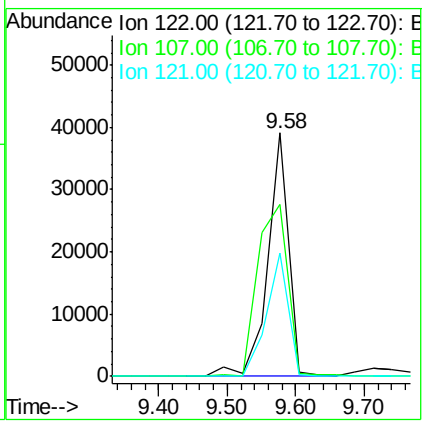


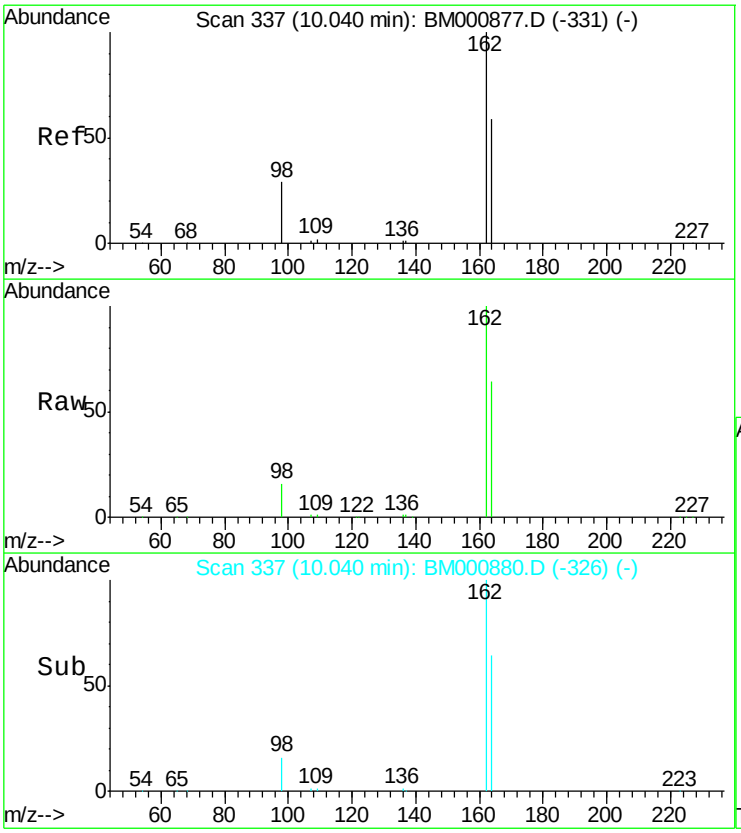
#15
2,4-Dimethylphenol
Concen: 12.30 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 82185

Ion	Ratio	Lower	Upper
122	100		
107	70.7	67.4	101.2
121	50.7	43.5	65.3

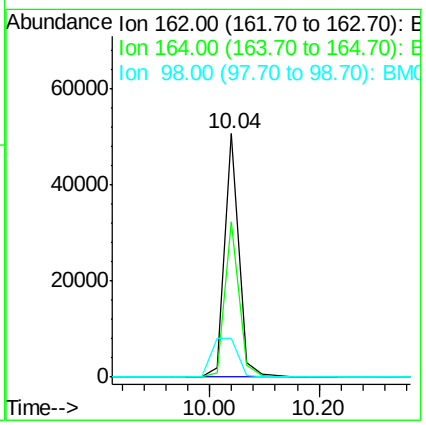


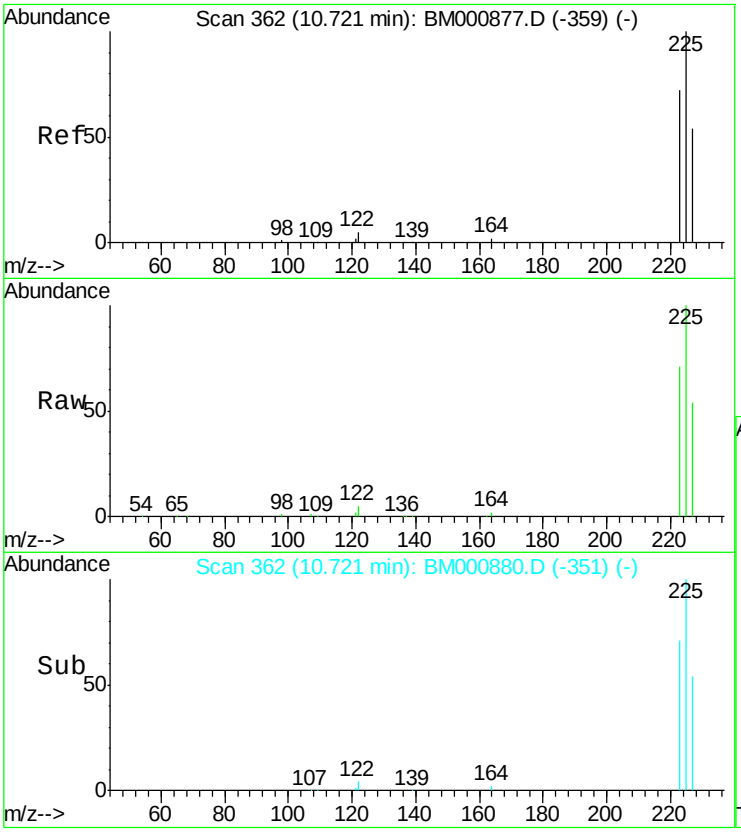


#16
2,4-Dichlorophenol
Concen: 14.50 ng
RT: 10.04 min Scan# 337
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:162 Resp: 92468

Ion	Ratio	Lower	Upper
162	100		
164	63.9	39.9	79.9
98	16.0	11.3	51.3



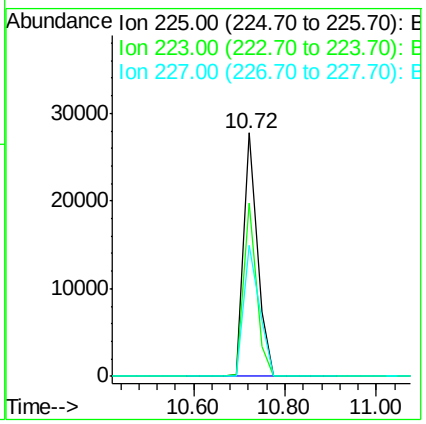


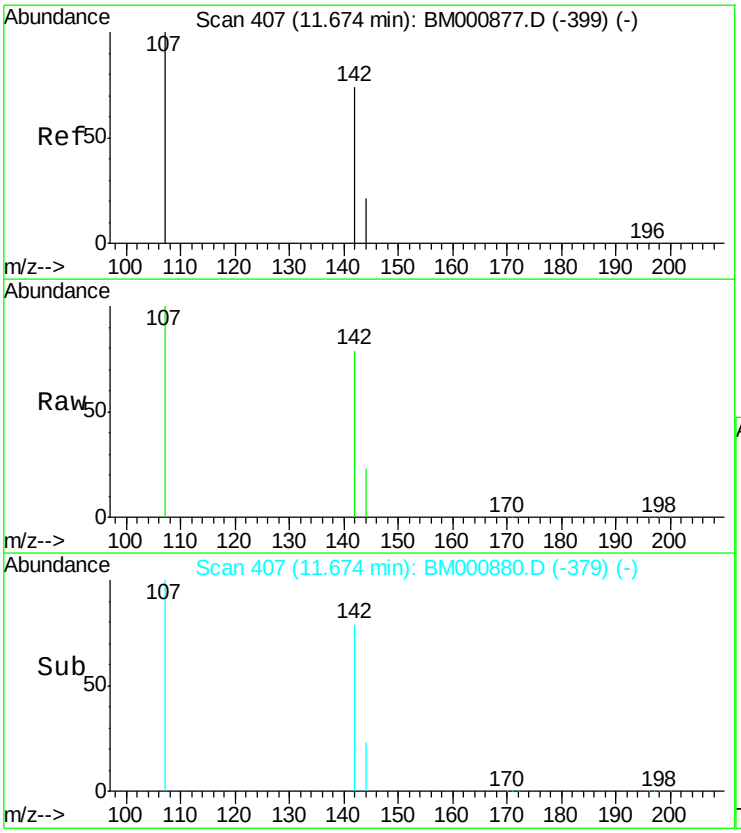
#17
Hexachlorobutadiene
Concen: 10.61 ng
RT: 10.72 min Scan# 362
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 57471

Ion	Ratio	Lower	Upper
225	100		
223	71.4	58.3	87.5
227	54.0	44.5	66.7

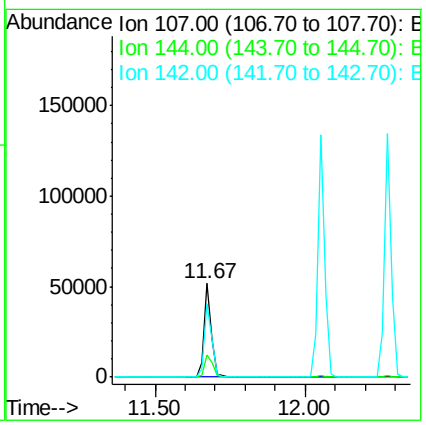


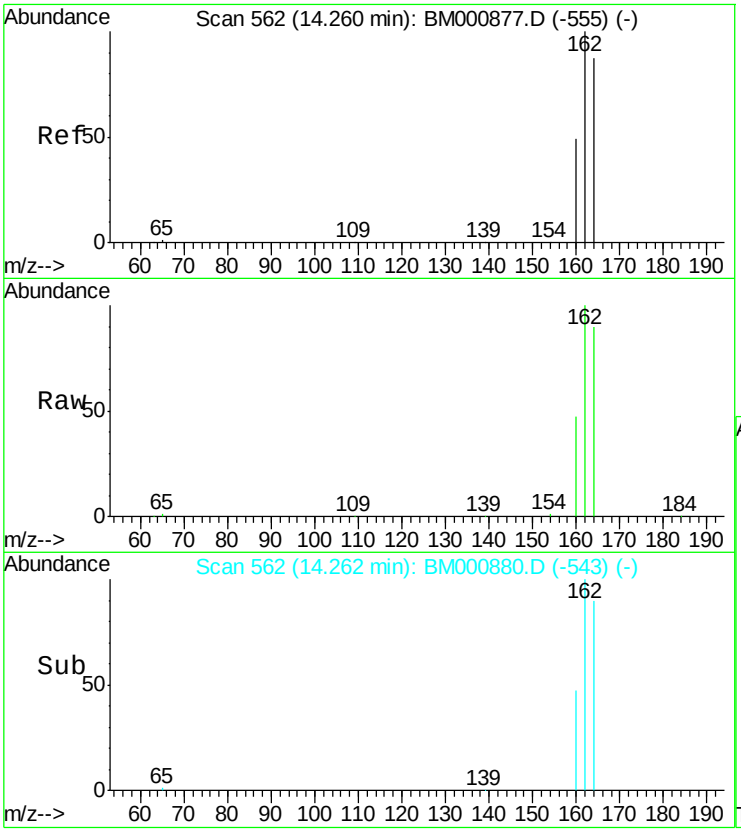


#18
4-Chloro-3-methylphenol
Concen: 13.75 ng
RT: 11.67 min Scan# 407
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:107 Resp: 86376

Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.4	27.6
142	78.6	59.9	89.9



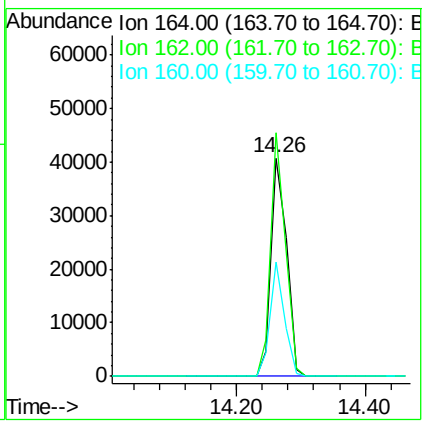


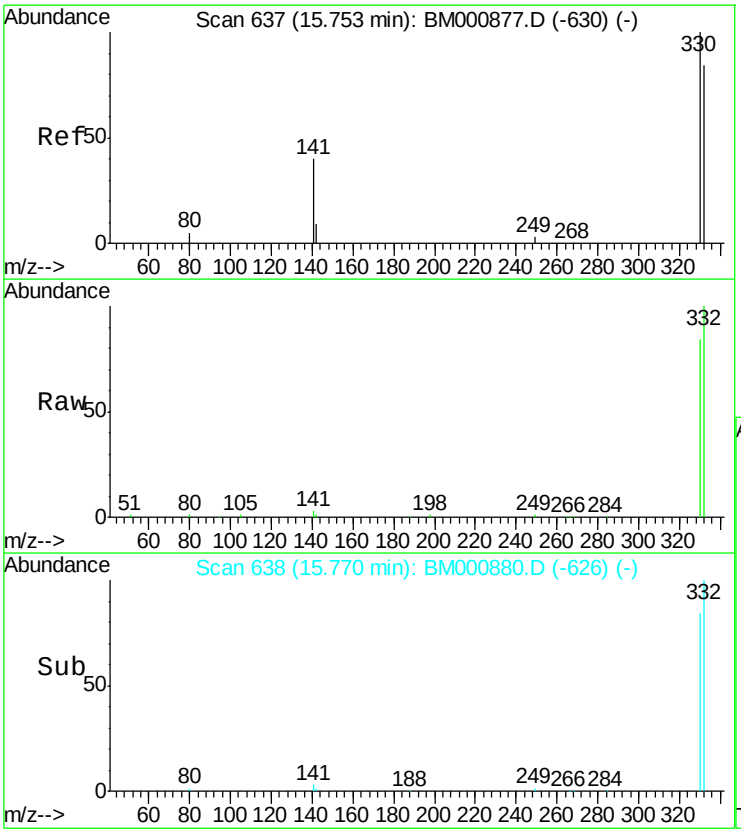
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 67322

Ion	Ratio	Lower	Upper
164	100		
162	111.5	91.8	137.6
160	52.4	44.6	67.0

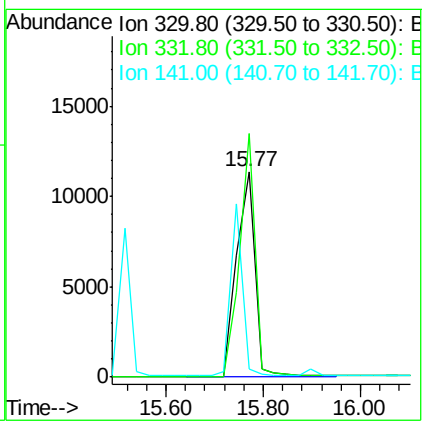


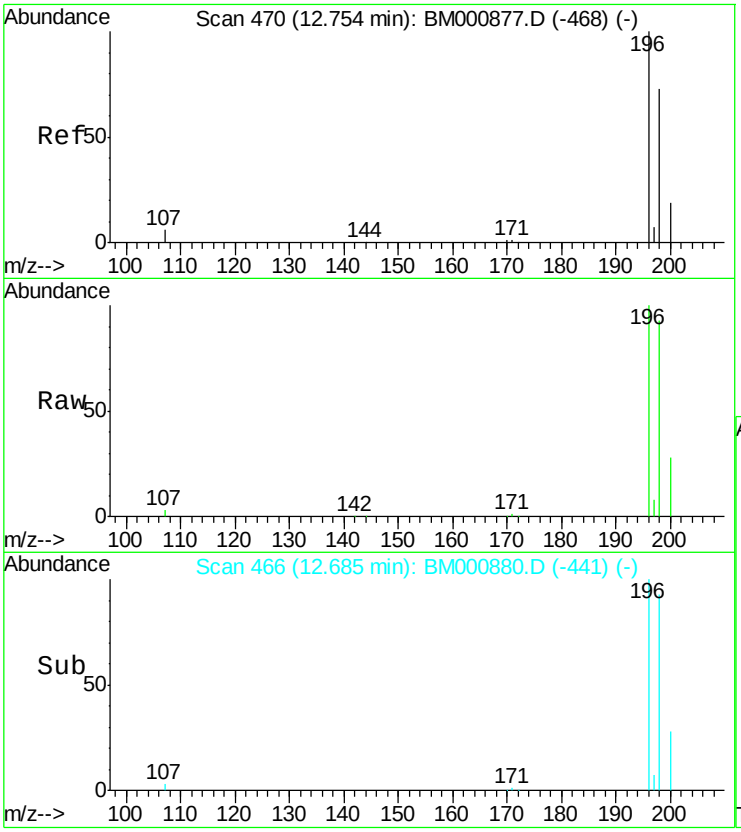


#20
2,4,6-Tribromophenol
Concen: 16.02 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:330 Resp: 29011

Ion	Ratio	Lower	Upper
330	100		
332	100.4	72.6	109.0
141	0.0	29.8	44.6#



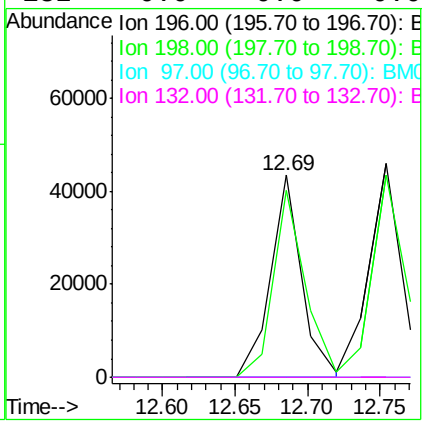


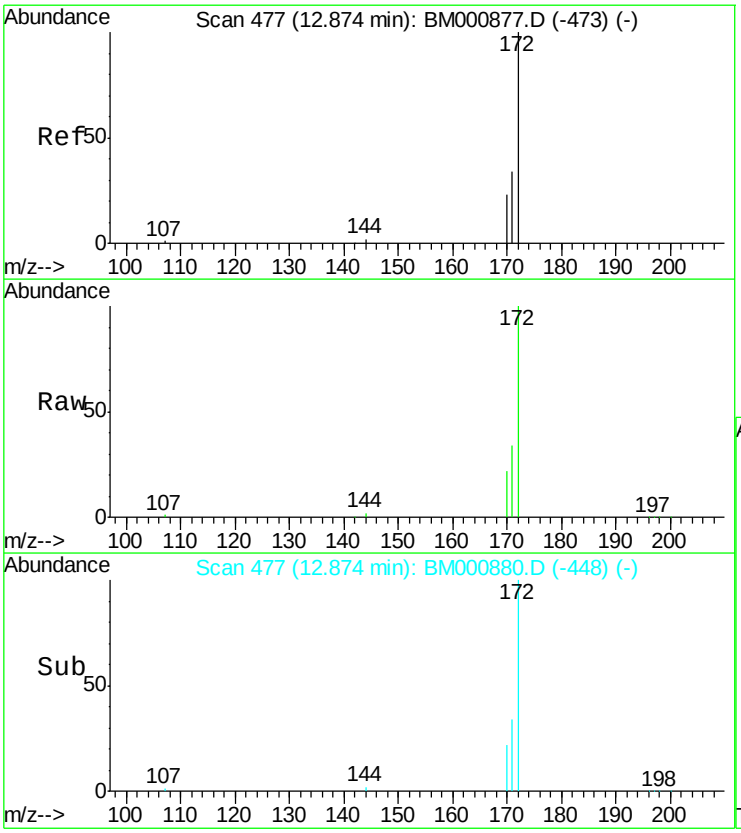
#22
2,4,5-Trichlorophenol
Concen: 14.58 ng
RT: 12.69 min Scan# 466
Delta R.T. -0.07 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 65042

Ion	Ratio	Lower	Upper
196	100		
198	92.8	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0

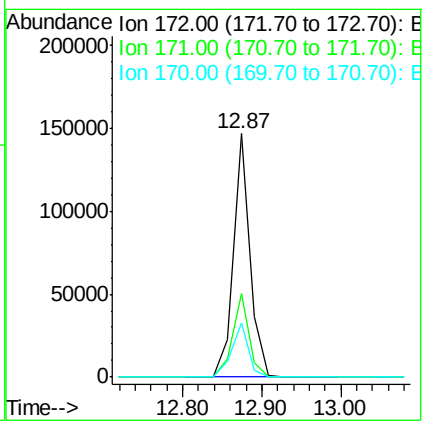


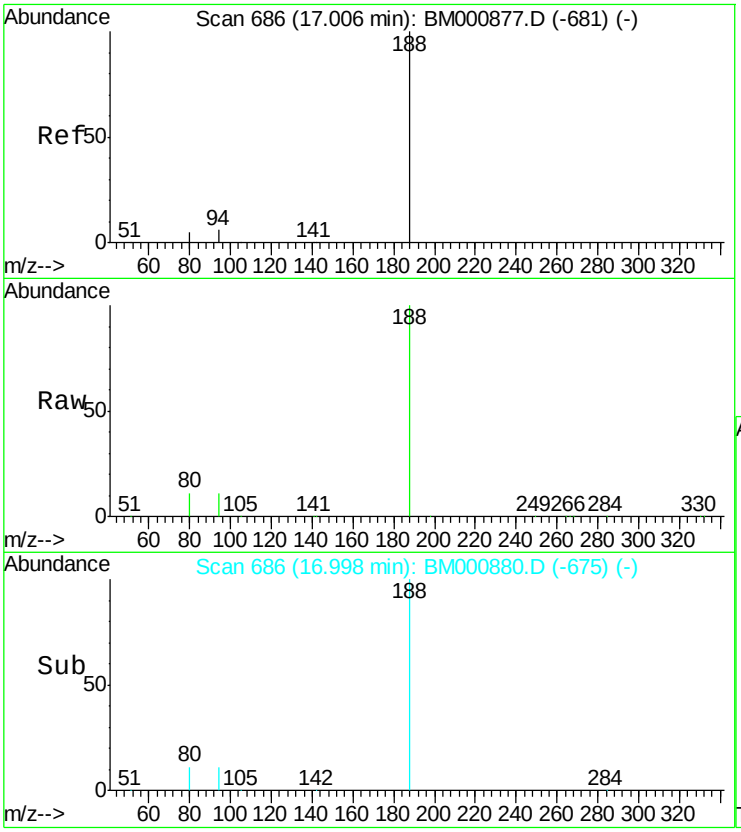


#23
2-Fluorobiphenyl
Concen: 10.32 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:172 Resp: 213258

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	22.3	19.0	28.6



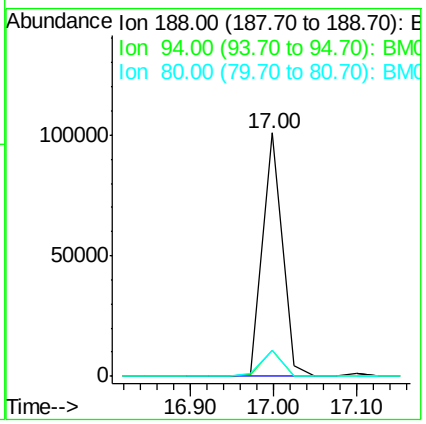


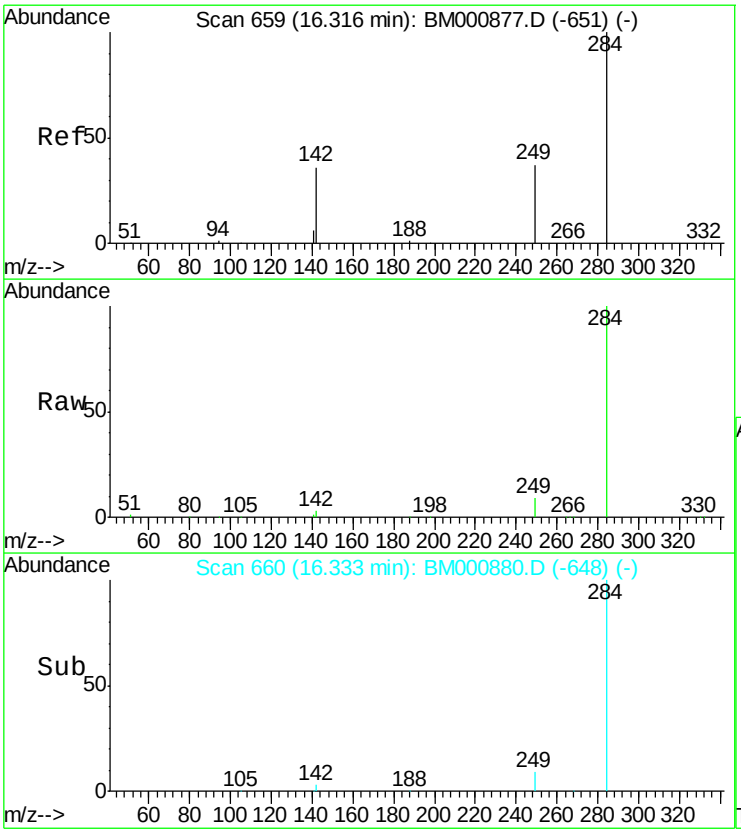
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 163311

Ion	Ratio	Lower	Upper
188	100		
94	10.7	4.9	7.3#
80	10.9	4.4	6.6#

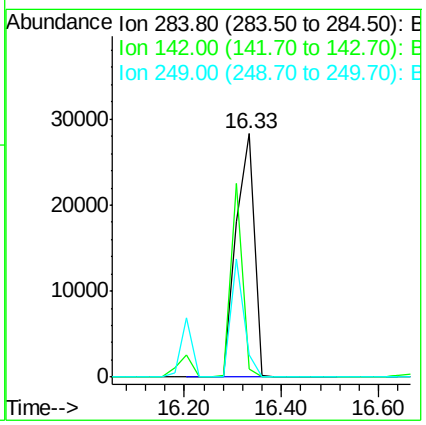


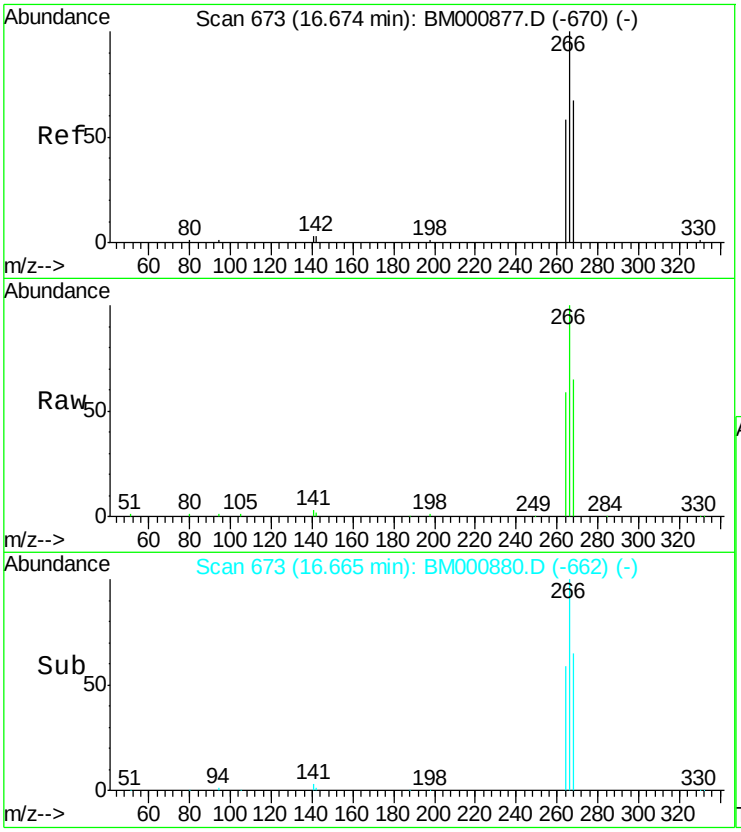


#28
Hexachlorobenzene
Concen: 9.80 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.02 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:284 Resp: 71300

Ion	Ratio	Lower	Upper
284	100		
142	3.2	29.8	44.8#
249	9.2	31.0	46.4#



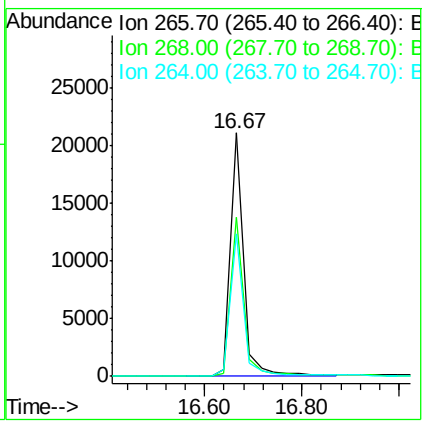


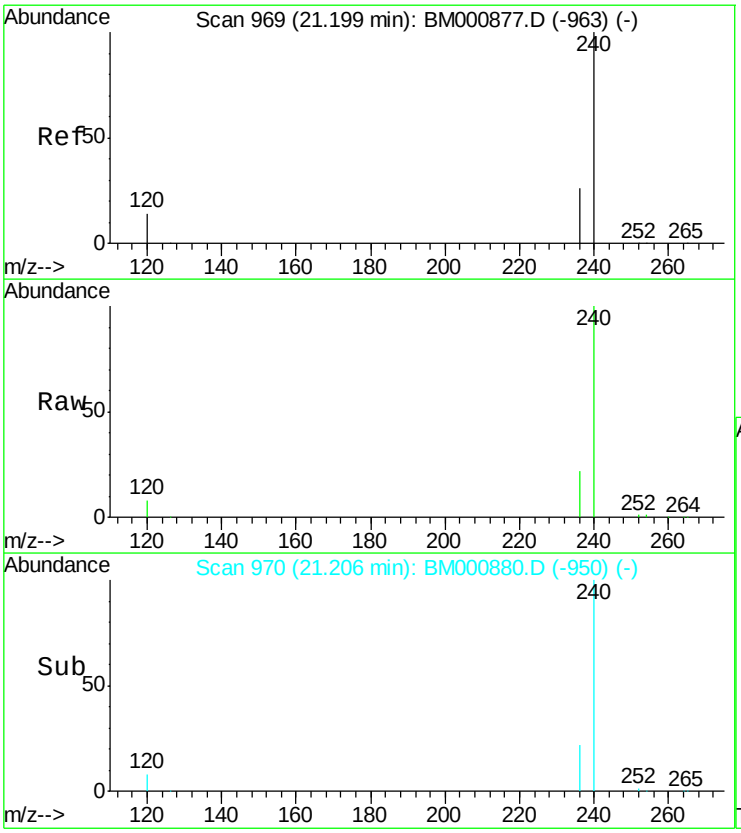
#29
Pentachlorophenol
Concen: 35.43 ng
RT: 16.67 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 38698

Ion	Ratio	Lower	Upper
266	100		
268	65.3	61.8	92.8
264	58.7	53.8	80.6

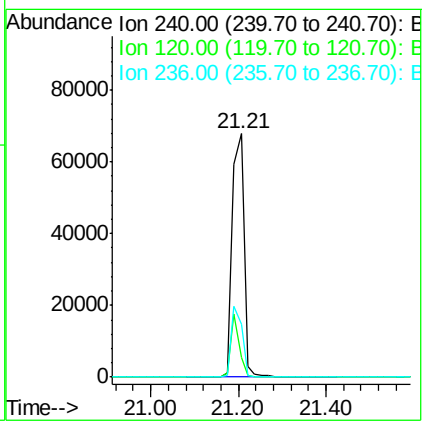


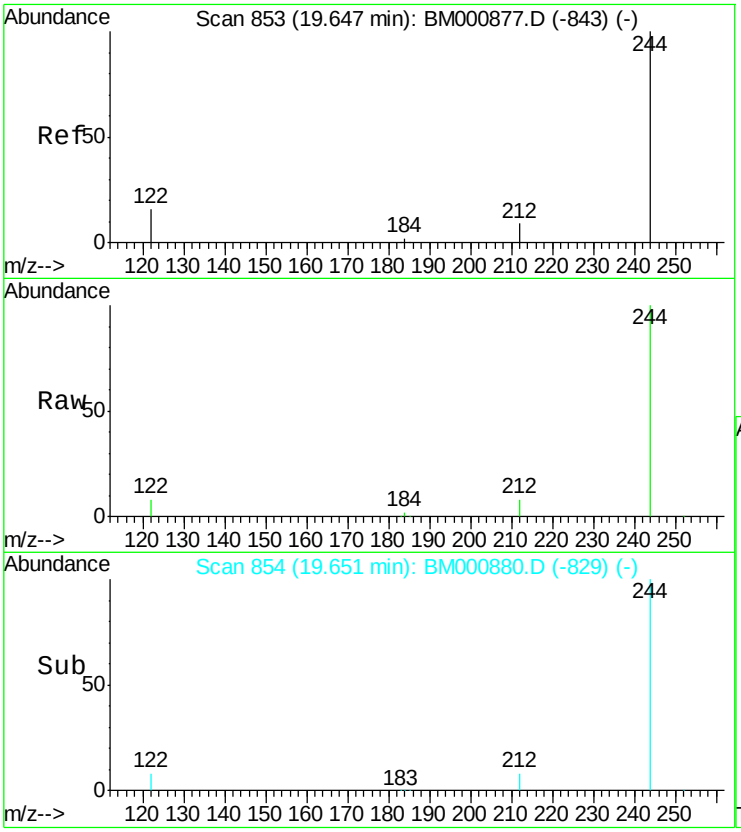


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:240 Resp: 124019

Ion	Ratio	Lower	Upper
240	100		
120	8.1	11.1	16.7#
236	21.9	20.9	31.3



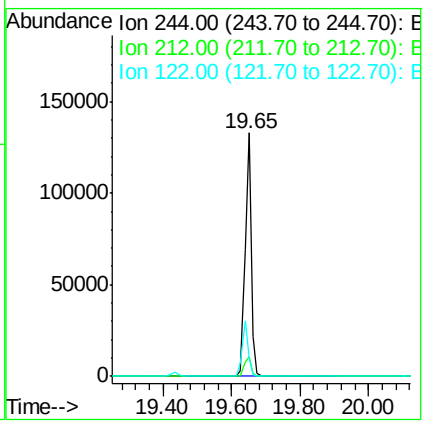


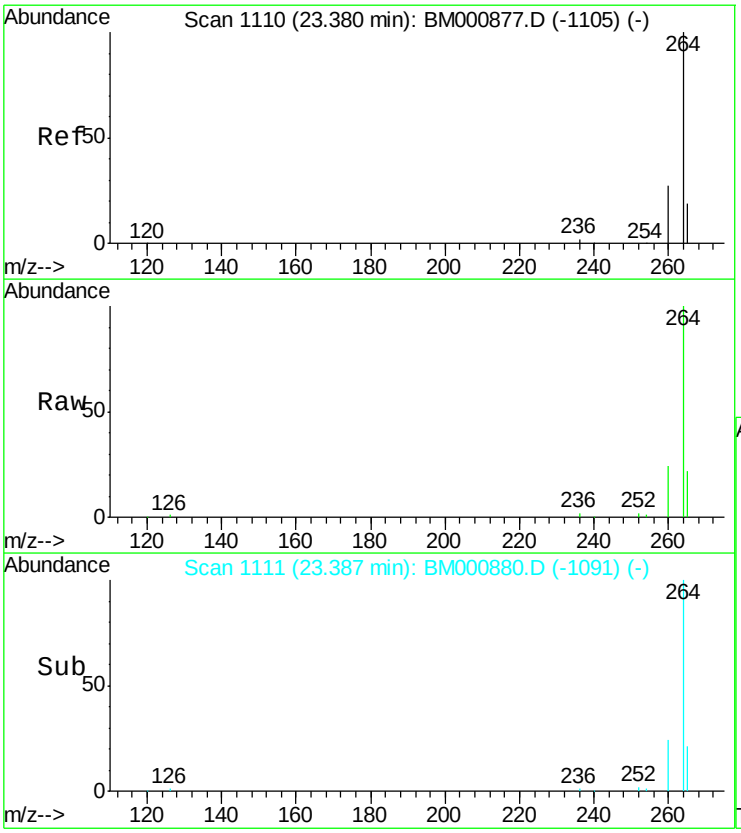
#32
Terphenyl-d14
Concen: 11.10 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 167441

Ion	Ratio	Lower	Upper
244	100		
212	8.2	8.1	12.1
122	7.8	13.6	20.4#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM000880.D
Acq: 07 Apr 2015 15:14

Tgt Ion:264 Resp: 115741

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.6	32.4
265	21.6	16.1	24.1