Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000816.D
Acq On : 02 Apr 2015 20:57
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Apr 03 18:16:15 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 17:58:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	27053	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	123709	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	60881	5.00	ng		0.00
26) Phenanthrene-d10	17.00	188	123846	5.00	ng		0.00
30) Chrysene-d12	21.21	240	116391	5.00	ng		0.00
34) Perylene-d12	23.40	264	104671	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	15502	2.08	ng		0.00
5) Phenol-d6	6.77	99	23587	2.27	ng		0.00
12) Nitrobenzene-d5	8.77	82	11485	1.99	ng		0.00
20) 2,4,6-Tribromophenol	15.77	330	4486	2.47	ng		0.00
23) 2-Fluorobiphenyl	12.87	172	39382	2.10	ng		0.00
32) Terphenyl-d14	19.65	244	29327	2.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	6683	1.63	ng		91
3) n-Nitrosodimethylamine	3.43	42	7369	2.14	ng	#	38
6) 2-Chlorophenol	7.17	128	16141	2.18	ng		93
7) Phenol	6.81	94	23410	2.10	ng		93
8) bis(2-Chloroethyl)ether	7.02	93	16331	2.10	ng		89
9) 2-Methylphenol	8.06	107	16972	2.13	ng		95
10) 3+4-Methylphenols	8.38	107	19705	2.34	ng		95
13) Nitrobenzene	8.80	77	14106	2.09	ng		90
14) 2-Nitrophenol	9.52	139	6589	2.14	ng	#	90
15) 2,4-Dimethylphenol	9.58	122	14886	2.12	ng		97
16) 2,4-Dichlorophenol	10.04	162	13702	2.21	ng		95
17) Hexachlorobutadiene	10.75	225	9899	2.07	ng		100
18) 4-Chloro-3-methylphenol	11.69	107	13210	2.13	ng		98
21) 2,4,6-Trichlorophenol	12.69	196	8912	2.71	ng		99
22) 2,4,5-Trichlorophenol	12.75	196	10641	2.64	ng		95
24) 2,4-Dinitrophenol	14.40	184	904	1.49	ng	#	64
25) 4-Nitrophenol	14.49	139	3191	2.67	ng		87
27) 4,6-Dinitro-2-methylphenol	15.39	198	2628	2.38	ng	#	80
28) Hexachlorobenzene	16.33	284	15153	2.17	ng		97
29) Pentachlorophenol	16.67	266	3553	2.94	ng		95
31) Benzidine	19.28	184	10468	2.23	ng	#	50
33) 3,3'-Dichlorobenzidine	21.13	252	18760	2.40	ng		99

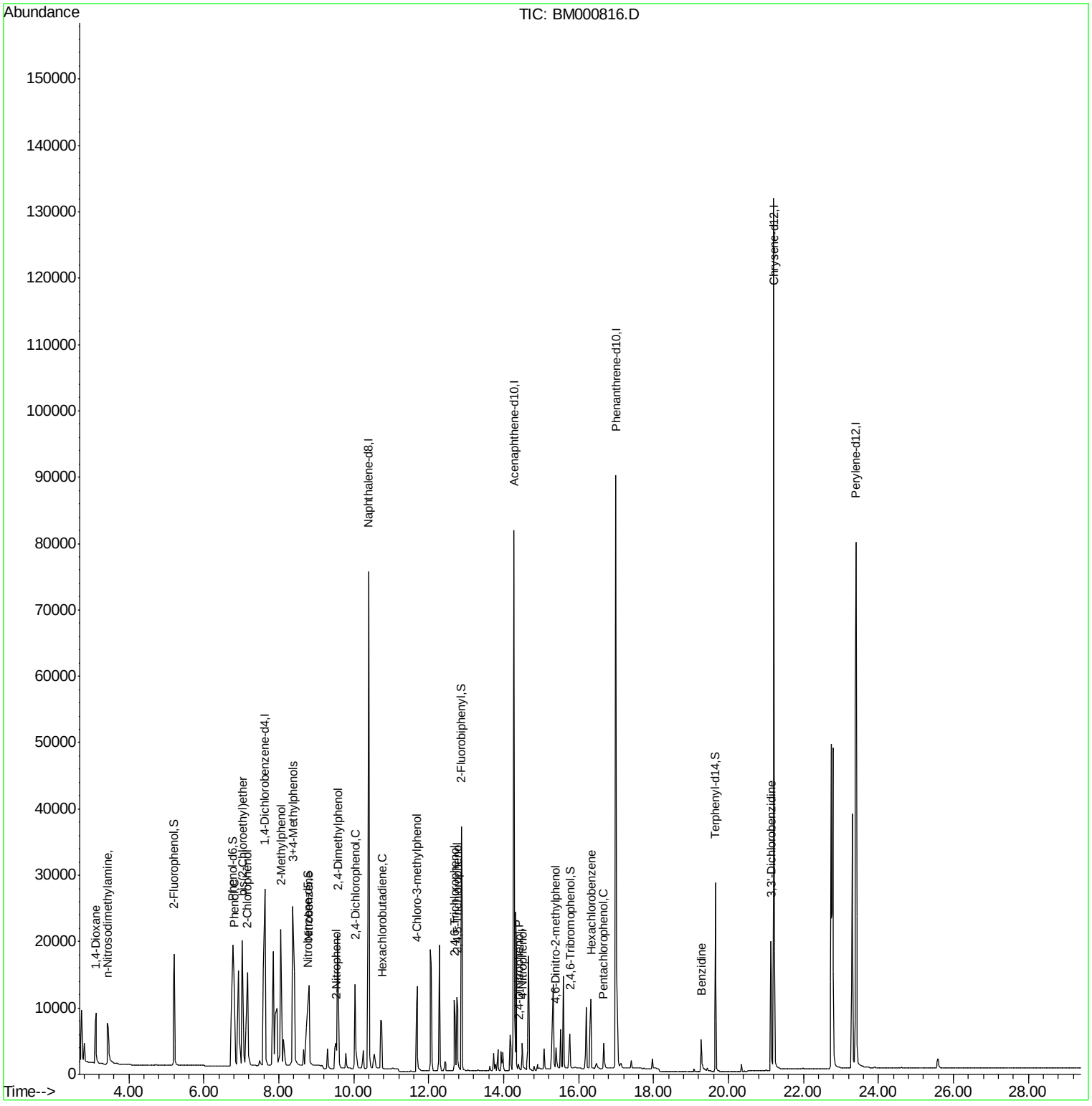
(#) = qualifier out of range (m) = manual integration (+) = signals summed

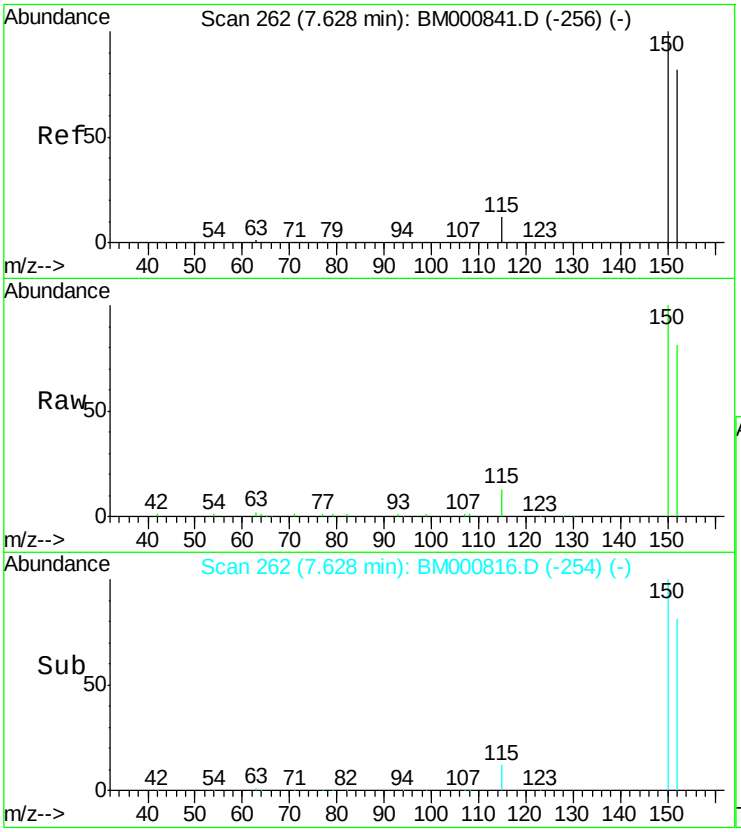
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000816.D
Acq On : 02 Apr 2015 20:57
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Quant Time: Apr 03 18:16:15 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 17:58:44 2015
Response via : Initial Calibration



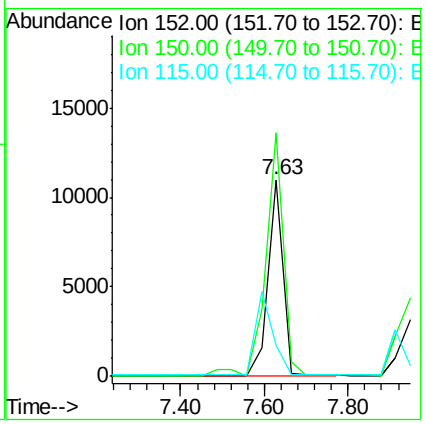


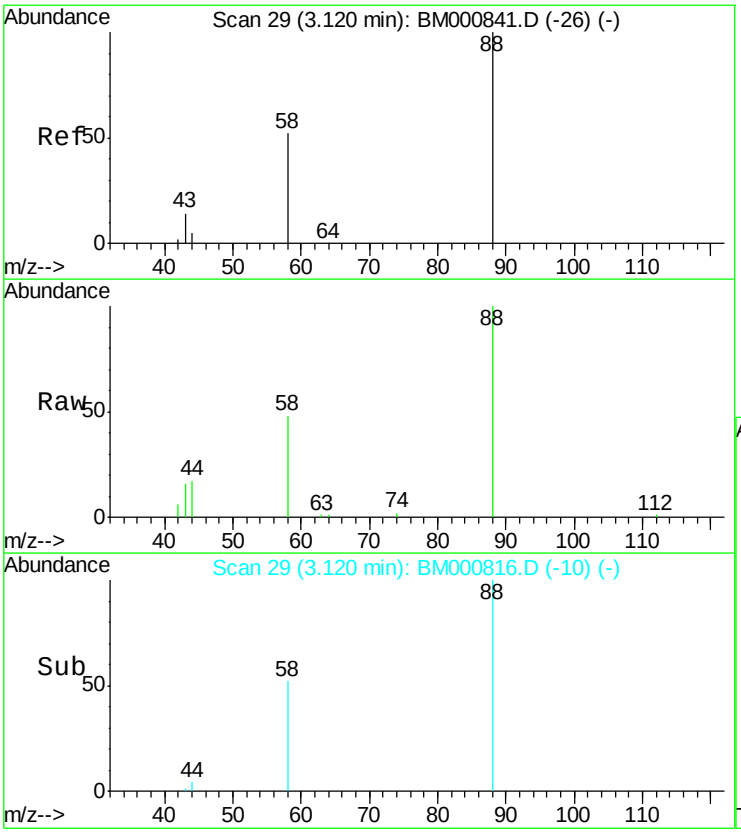
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 27053

Ion	Ratio	Lower	Upper
152	100		
150	123.9	99.8	149.6
115	15.9	13.5	20.3

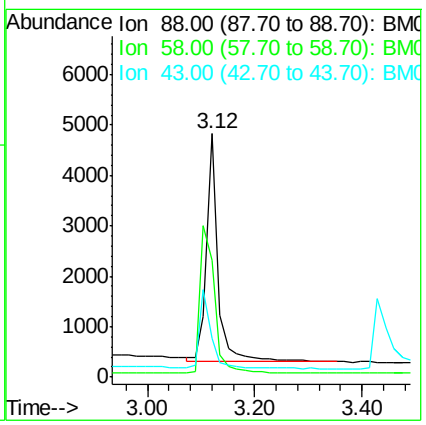


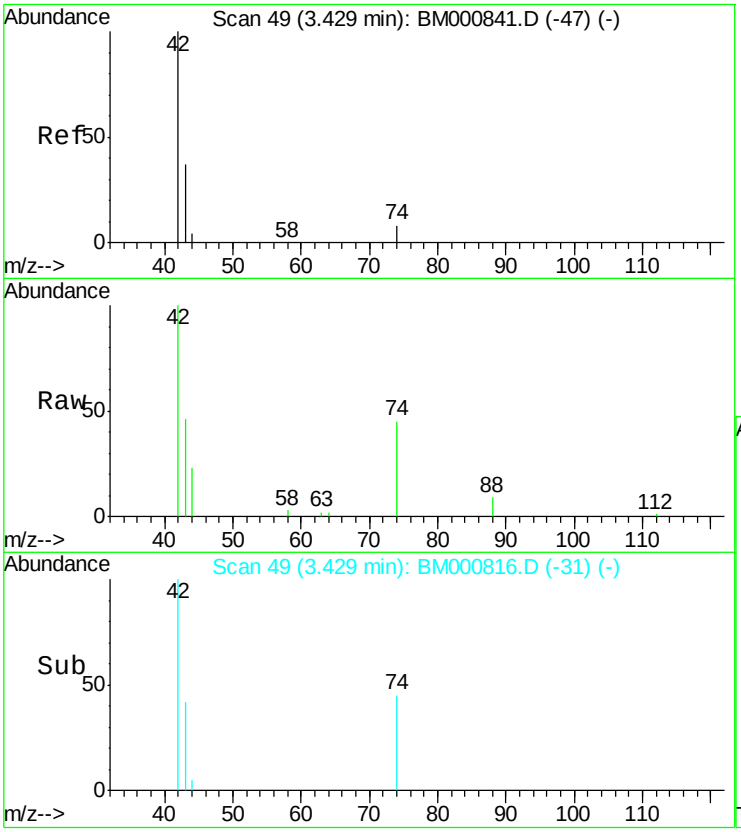


#2
1,4-Dioxane
Concen: 1.63 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion: 88 Resp: 6683

Ion	Ratio	Lower	Upper
88	100		
58	81.4	57.0	85.4
43	35.0	29.2	43.8



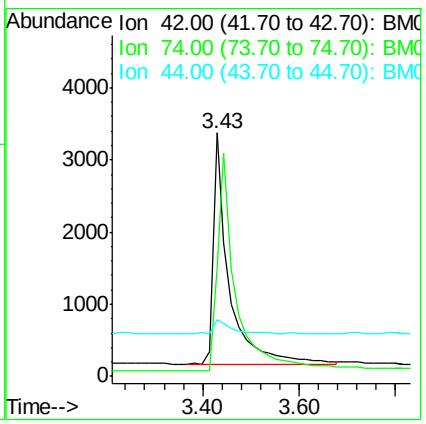


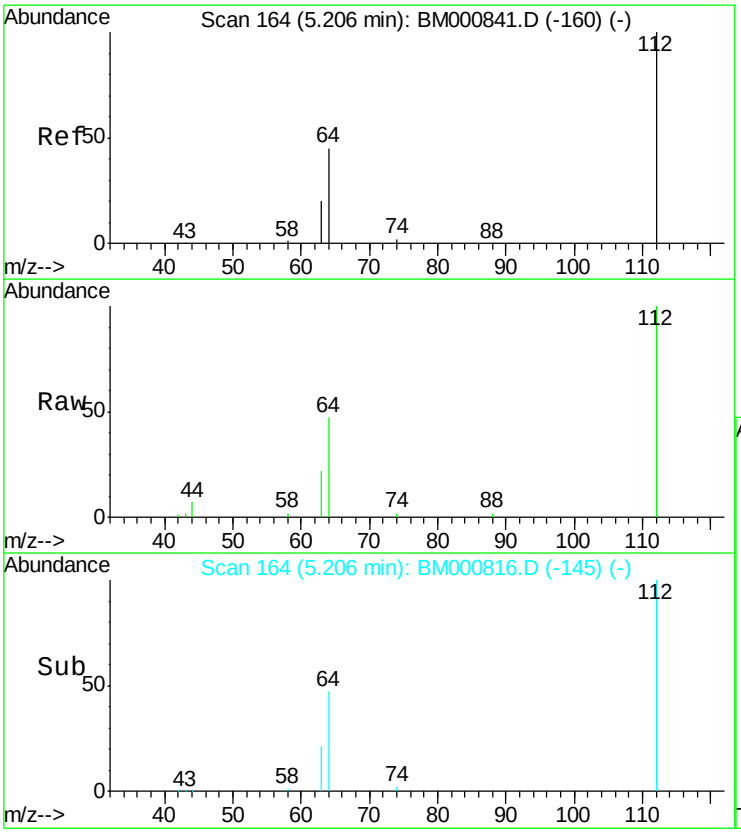
#3
n-Nitrosodimethylamine
Concen: 2.14 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.02 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 7369

Ion	Ratio	Lower	Upper
42	100		
74	44.8	93.1	139.7#
44	23.5	56.6	85.0#

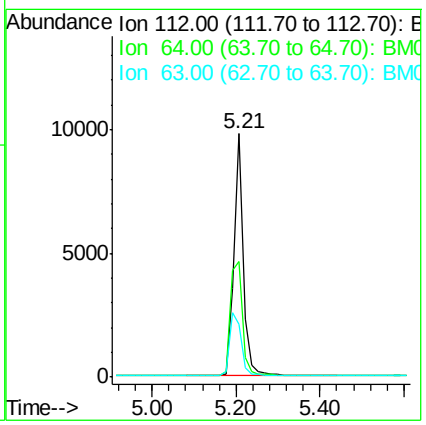


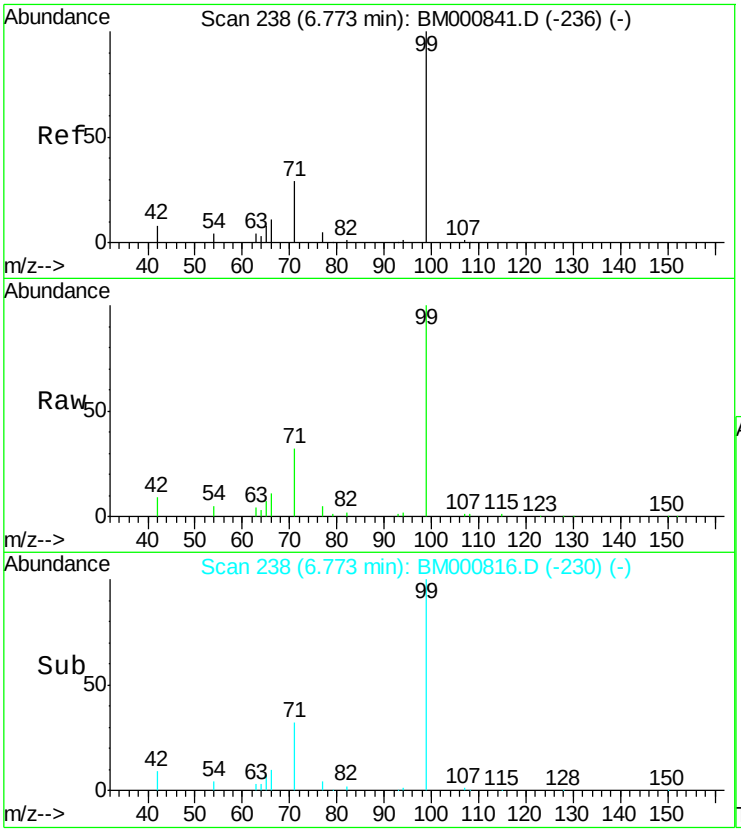


#4
2-Fluorophenol
Concen: 2.08 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:112 Resp: 15502

Ion	Ratio	Lower	Upper
112	100		
64	47.4	40.3	60.5
63	21.7	19.0	28.4



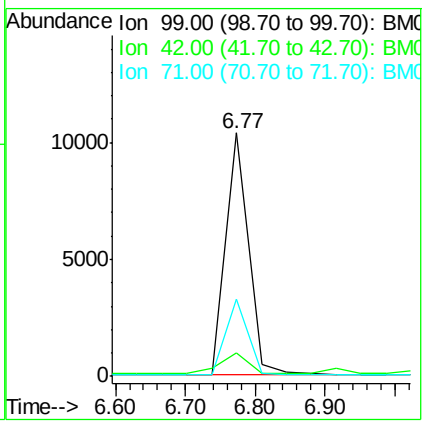


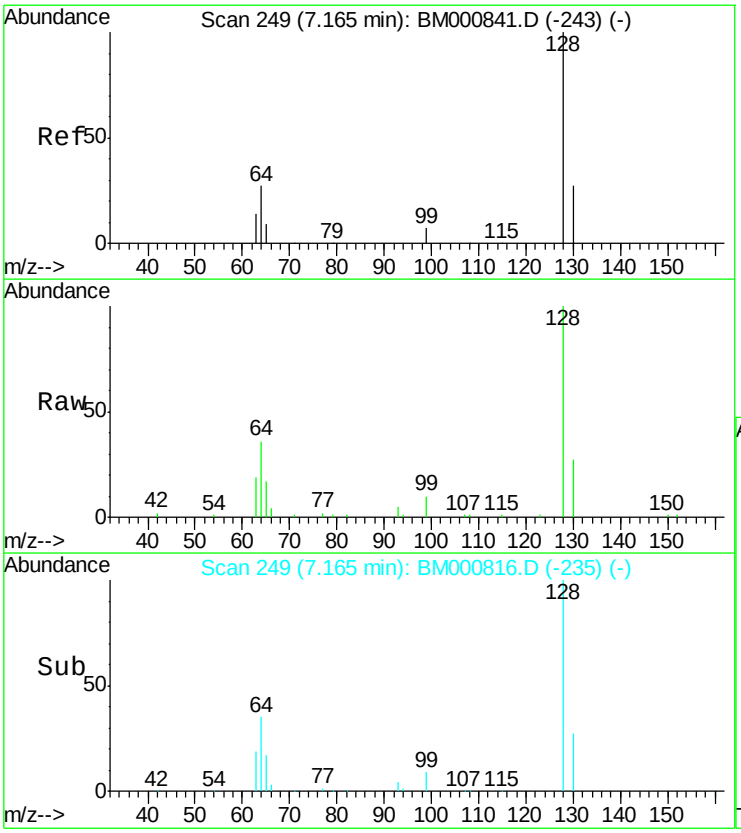
#5
Phenol-d6
Concen: 2.27 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 23587

Ion	Ratio	Lower	Upper
99	100		
42	9.5	10.2	15.4#
71	32.0	28.6	43.0

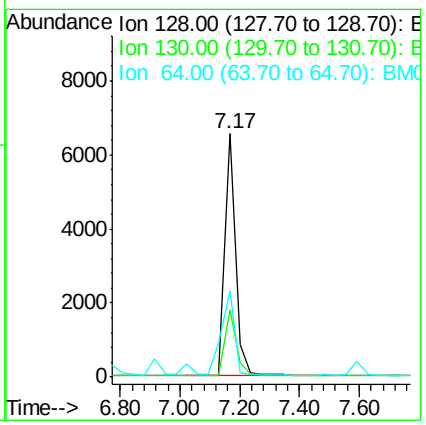


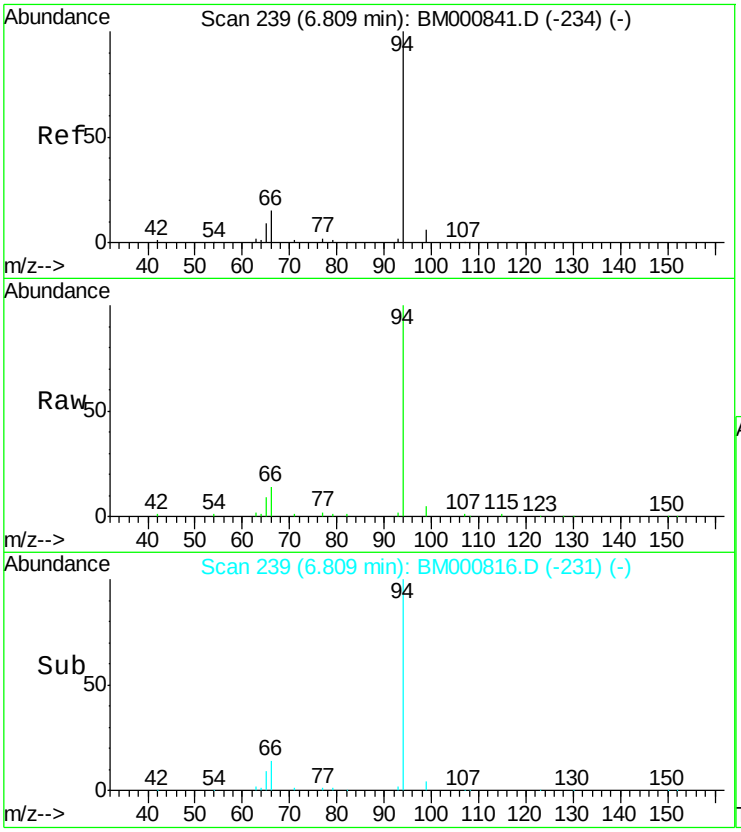


#6
2-Chlorophenol
Concen: 2.18 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:128 Resp: 16141

Ion	Ratio	Lower	Upper
128	100		
130	27.3	7.6	47.6
64	35.6	23.1	63.1



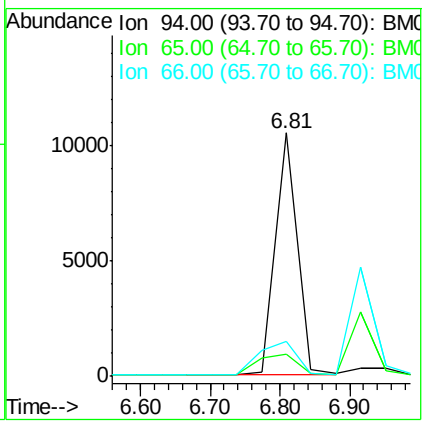


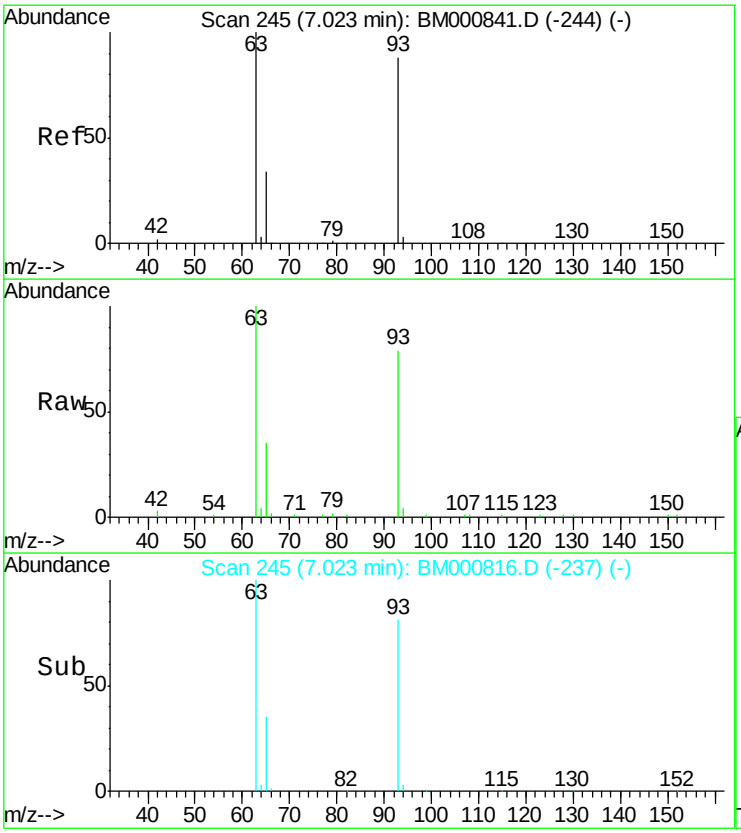
#7
Phenol
Concen: 2.10 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 94 Resp: 23410

Ion	Ratio	Lower	Upper
94	100		
65	9.2	0.0	32.0
66	14.4	0.0	37.6

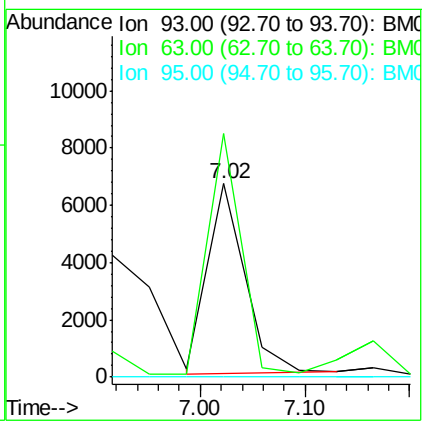


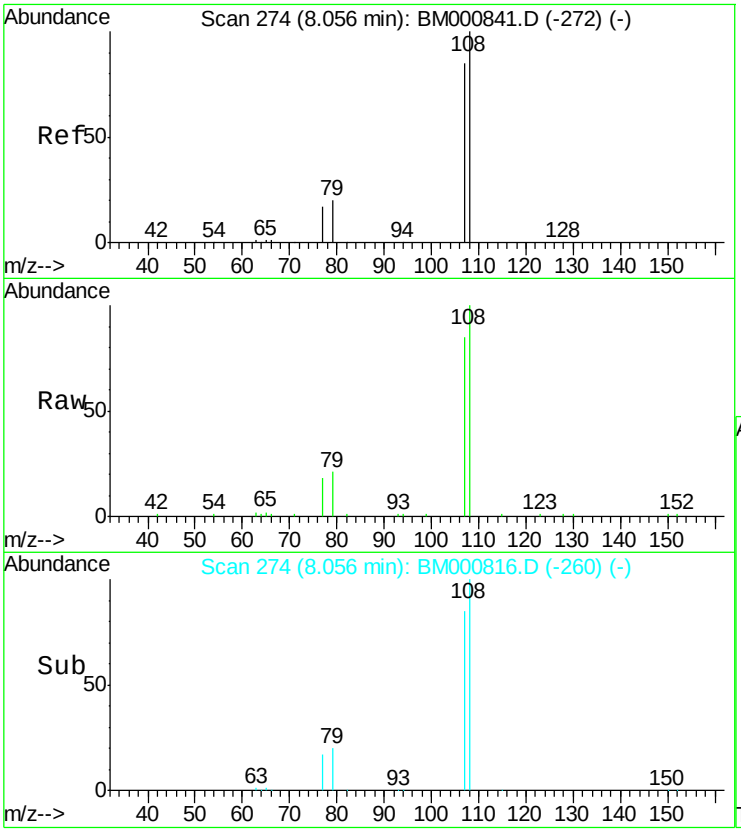


#8
bis(2-Chloroethyl)ether
Concen: 2.10 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion: 93 Resp: 16331

Ion	Ratio	Lower	Upper
93	100		
63	125.8	118.9	158.9
95	0.0	0.0	20.0



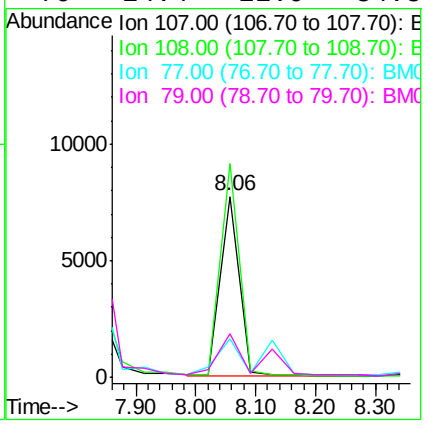


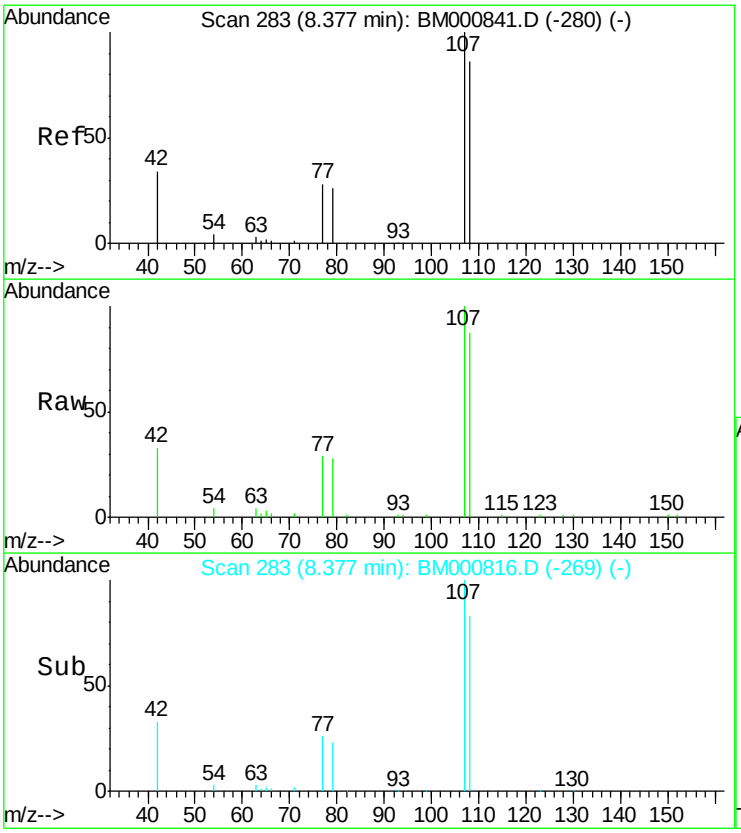
#9
2-Methylphenol
Concen: 2.13 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:107 Resp: 16972

Ion	Ratio	Lower	Upper
107	100		
108	118.0	92.0	138.0
77	21.2	20.6	31.0
79	24.4	22.9	34.3

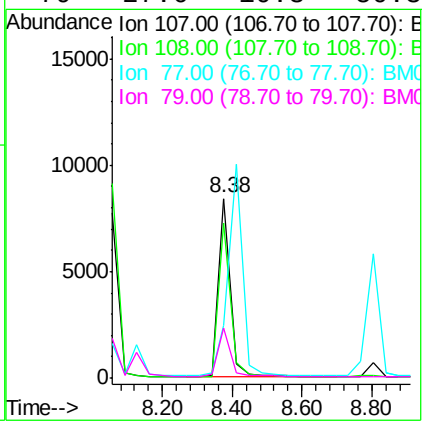


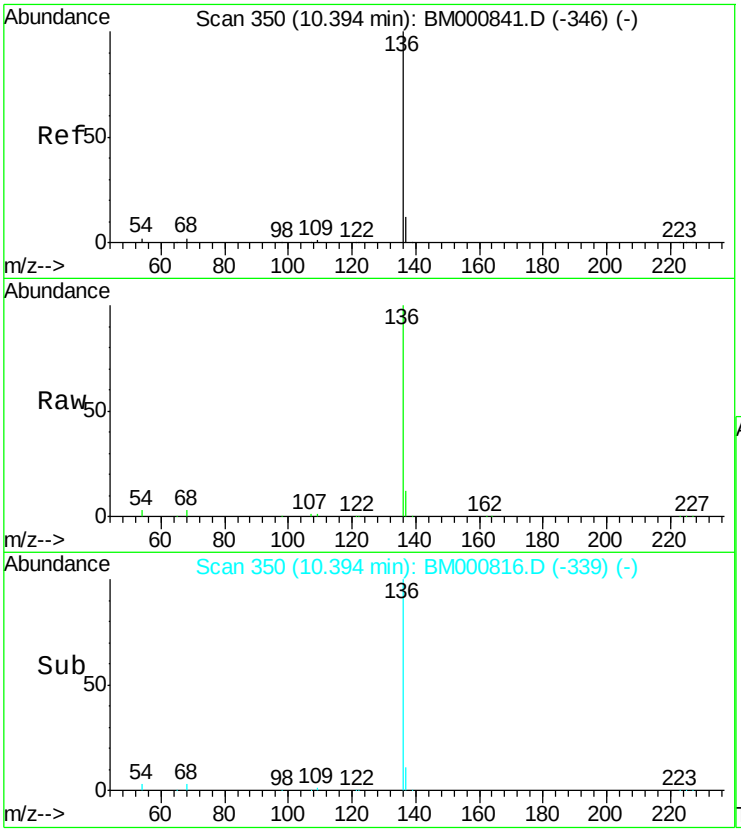


#10
3+4-Methylphenols
Concen: 2.34 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:107 Resp: 19705

Ion	Ratio	Lower	Upper
107	100		
108	86.5	62.6	102.6
77	28.9	12.8	52.8
79	27.6	10.3	50.3



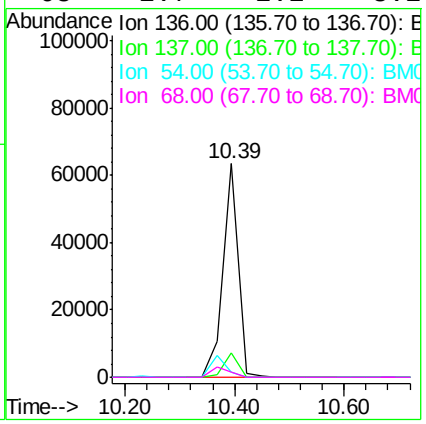


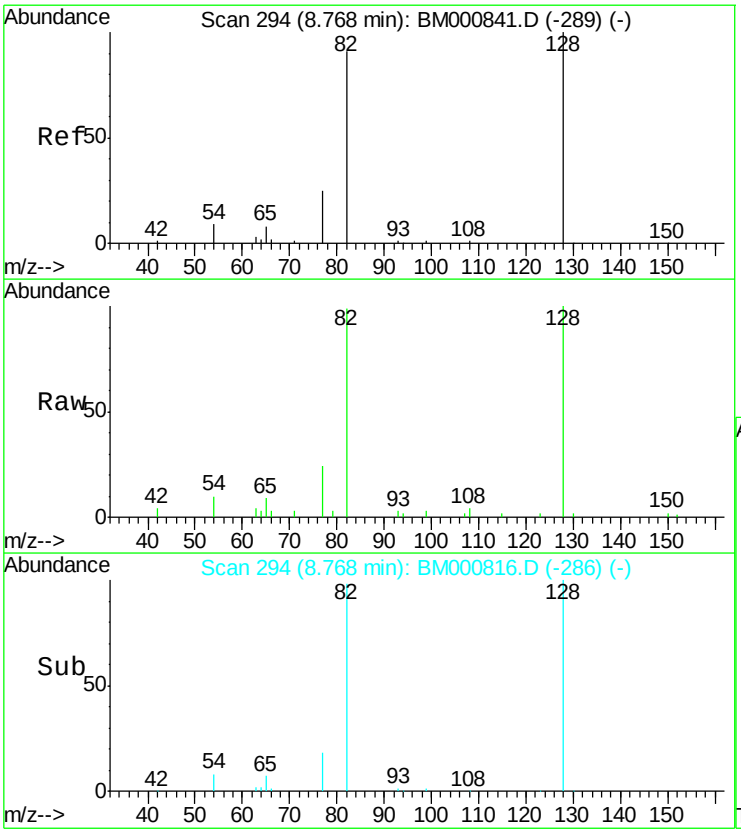
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 123709

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

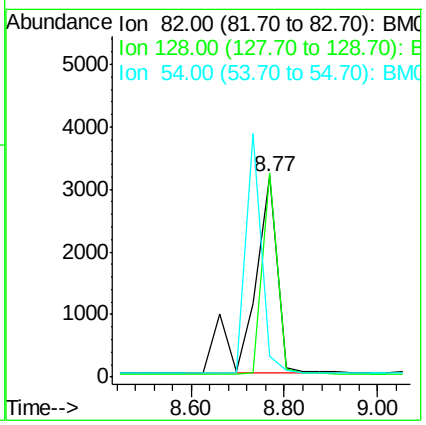


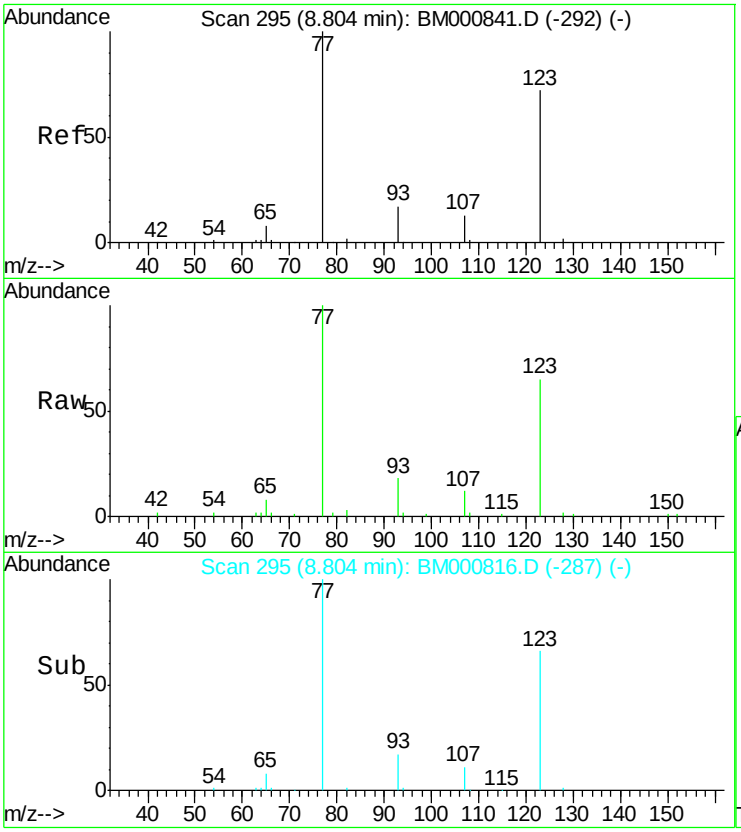


#12
Nitrobenzene-d5
Concen: 1.99 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion: 82 Resp: 11485

Ion	Ratio	Lower	Upper
82	100		
128	101.3	72.5	108.7
54	10.3	11.8	17.8#



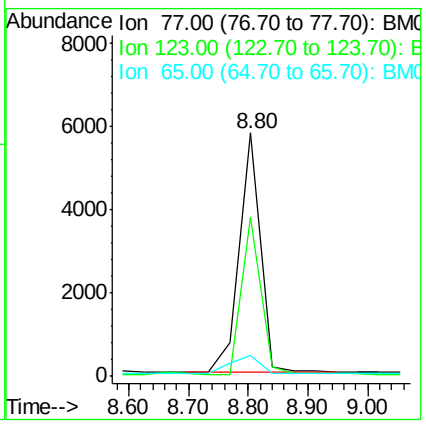


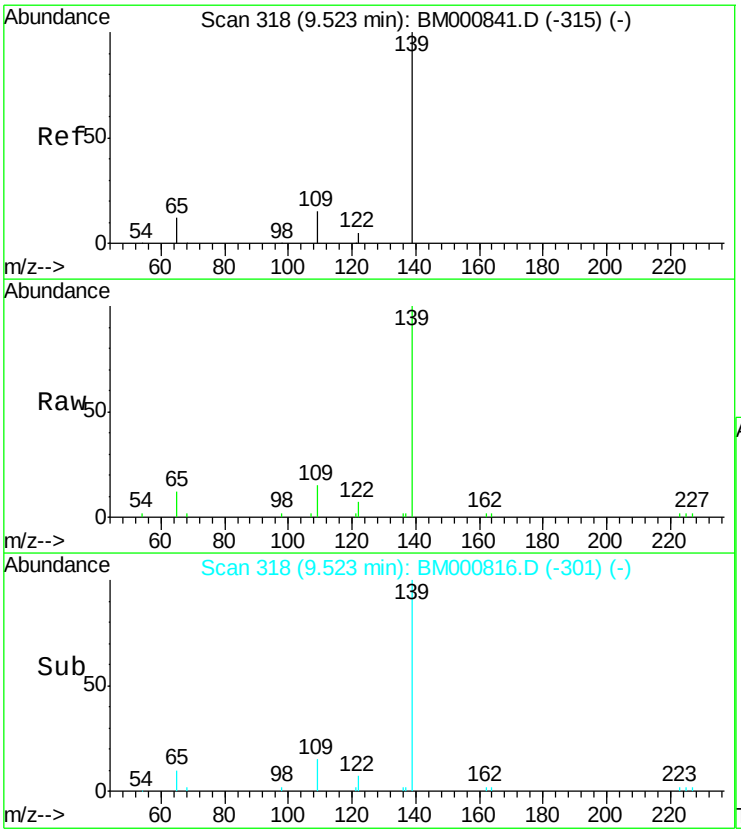
#13
Nitrobenzene
Concen: 2.09 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 14106

Ion	Ratio	Lower	Upper
77	100		
123	65.3	45.8	68.6
65	8.5	8.2	12.4

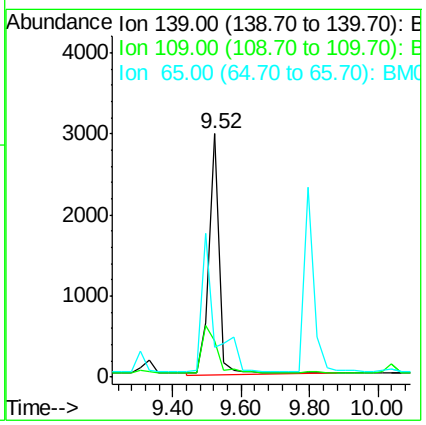


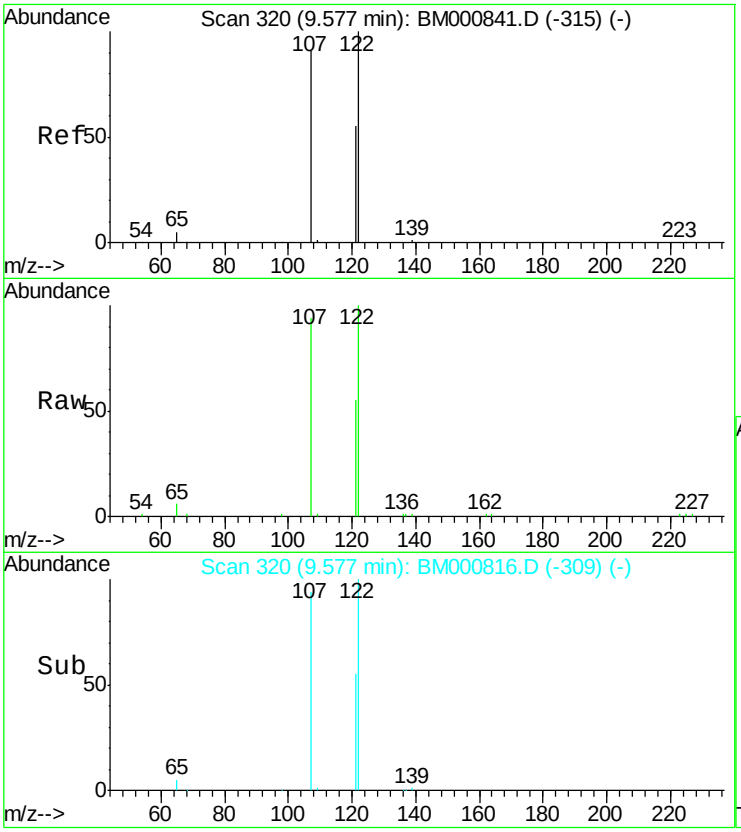


#14
2-Nitrophenol
Concen: 2.14 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:139 Resp: 6589

Ion	Ratio	Lower	Upper
139	100		
109	15.1	15.0	22.6
65	12.5	14.2	21.4#



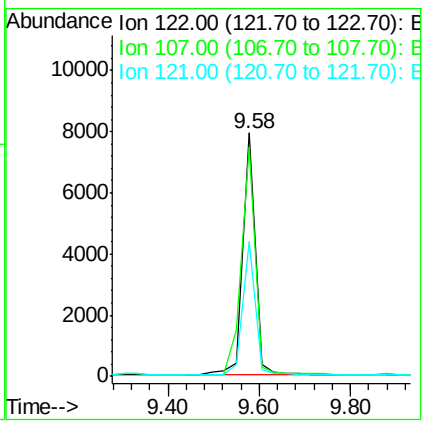


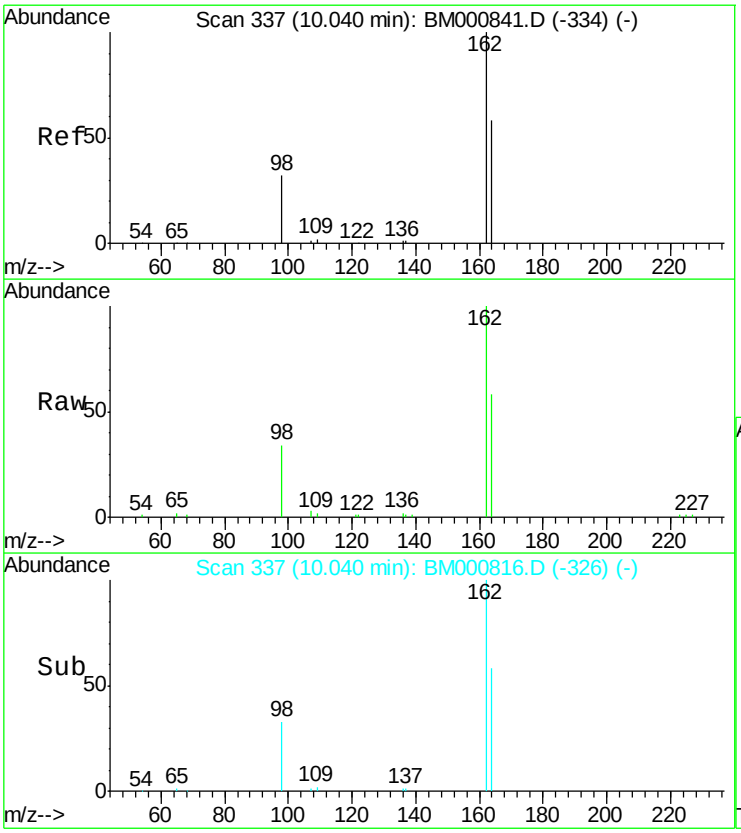
#15
2,4-Dimethylphenol
Concen: 2.12 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:122 Resp: 14886

Ion	Ratio	Lower	Upper
122	100		
107	94.4	78.2	117.4
121	55.4	45.4	68.0

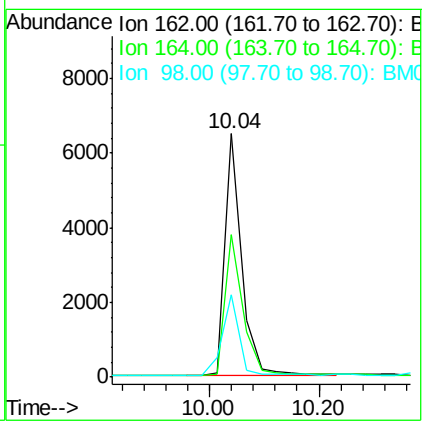


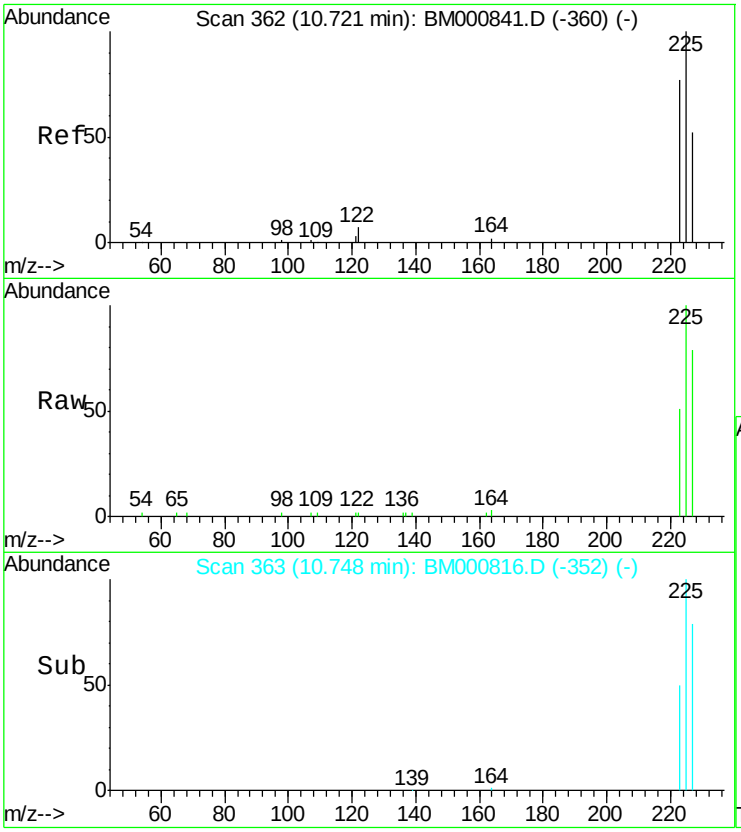


#16
2,4-Dichlorophenol
Concen: 2.21 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:162 Resp: 13702

Ion	Ratio	Lower	Upper
162	100		
164	58.4	37.1	77.1
98	33.9	19.5	59.5



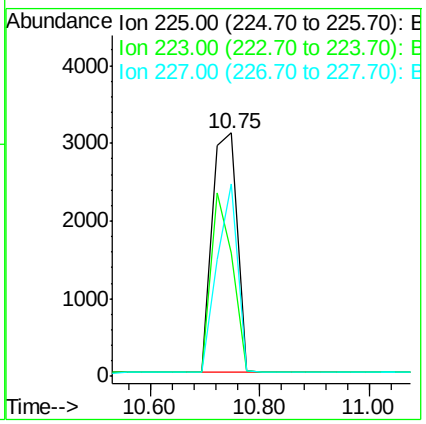


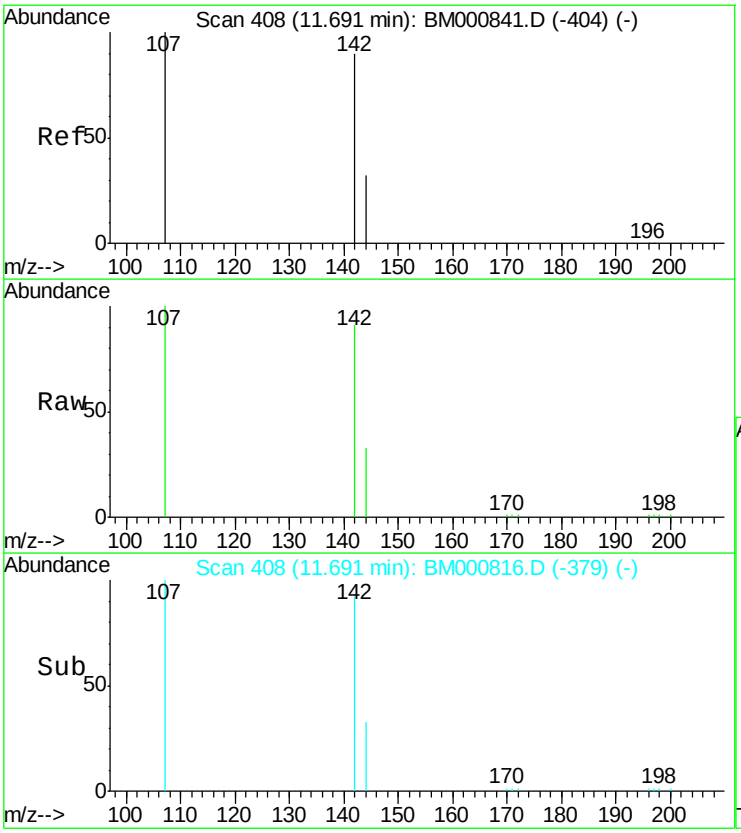
#17
Hexachlorobutadiene
Concen: 2.07 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:225 Resp: 9899

Ion	Ratio	Lower	Upper
225	100		
223	50.8	40.8	61.2
227	79.0	62.8	94.2

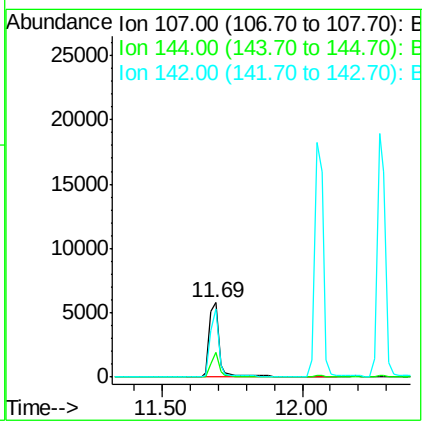


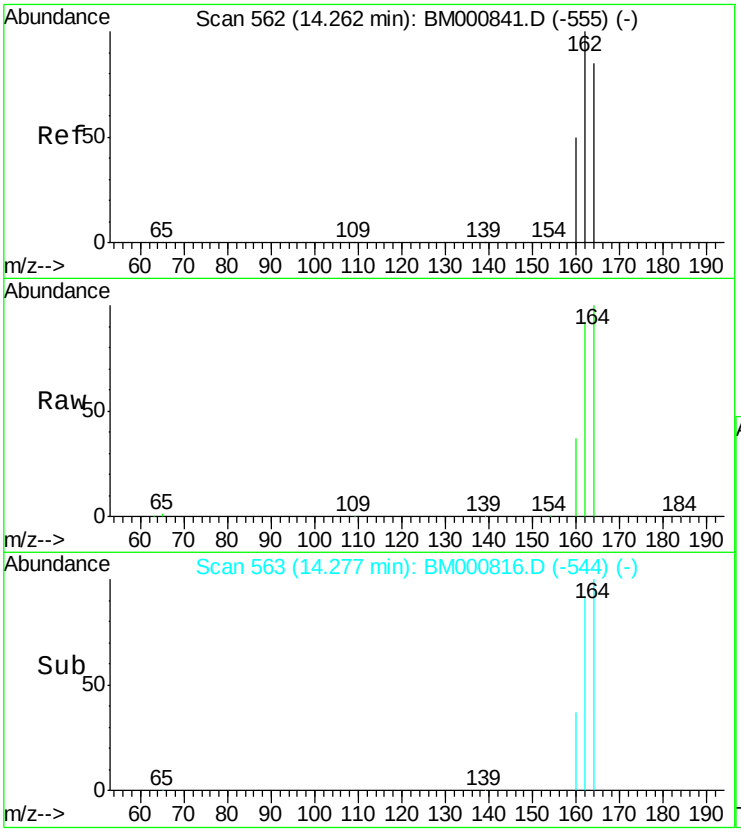


#18
4-Chloro-3-methylphenol
Concen: 2.13 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:107 Resp: 13210

Ion	Ratio	Lower	Upper
107	100		
144	33.0	25.8	38.8
142	91.1	71.3	106.9



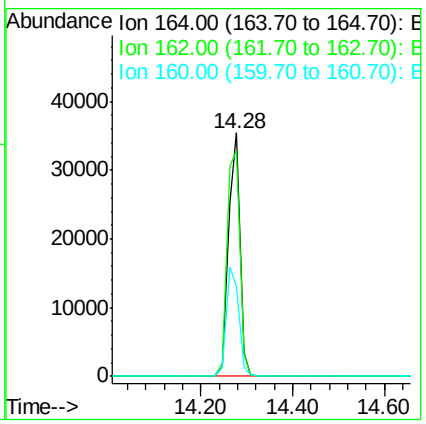


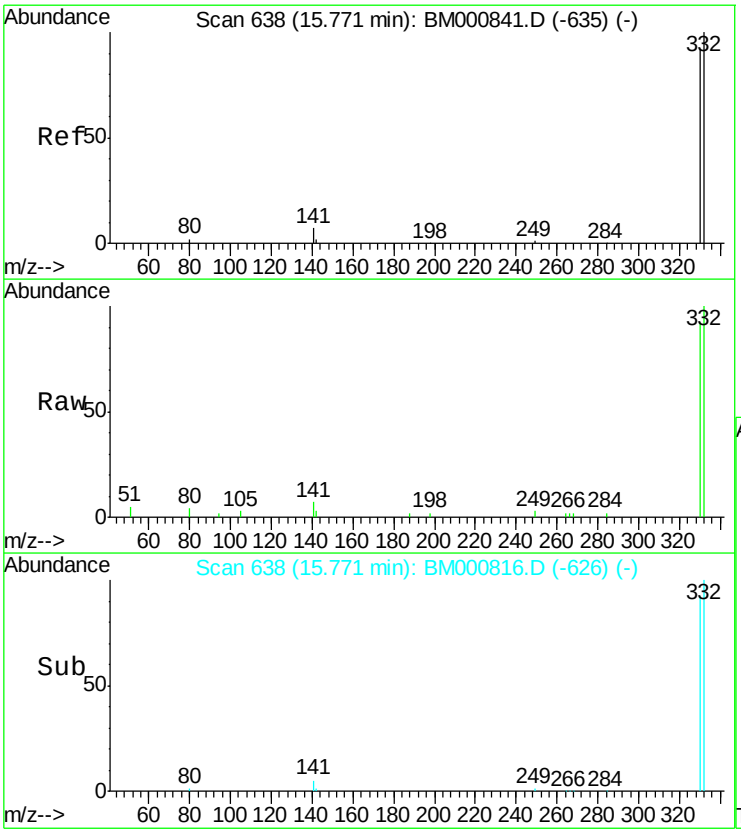
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:164 Resp: 60881

Ion	Ratio	Lower	Upper
164	100		
162	92.5	74.2	111.2
160	36.7	30.4	45.6

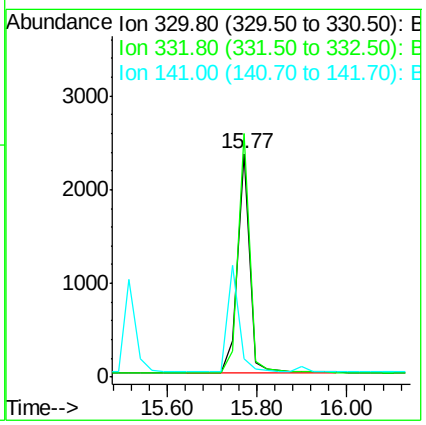


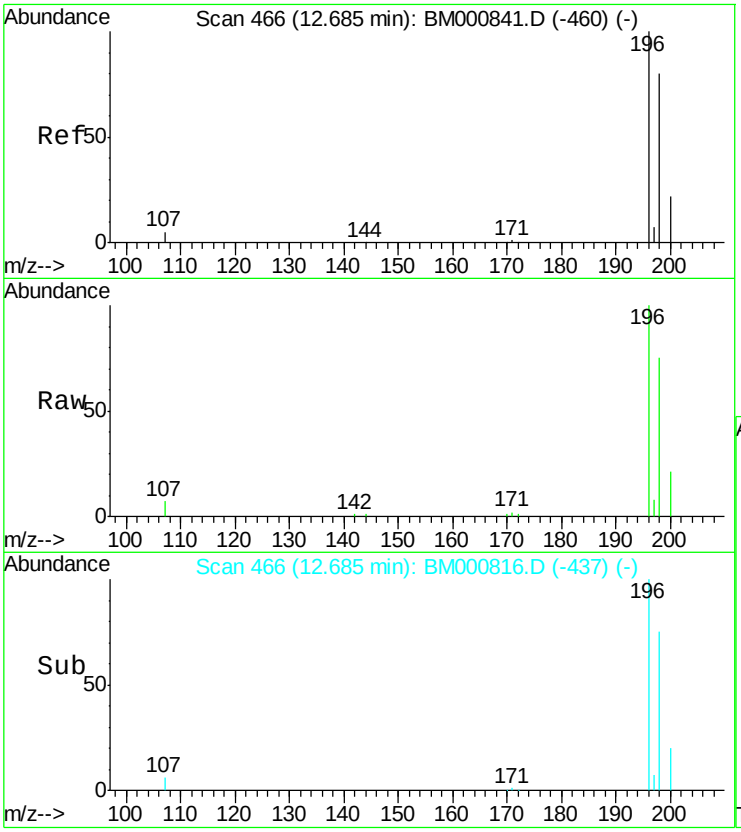


#20
2,4,6-Tribromophenol
Concen: 2.47 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:330 Resp: 4486

Ion	Ratio	Lower	Upper
330	100		
332	103.2	78.7	118.1
141	0.0	0.0	0.0



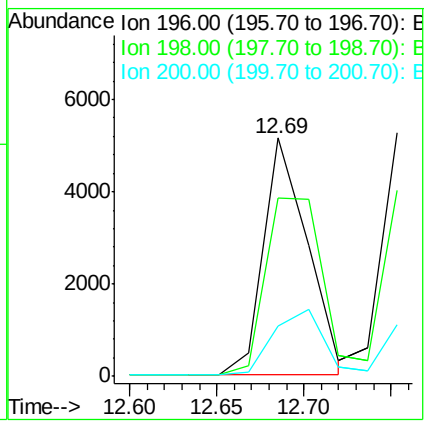


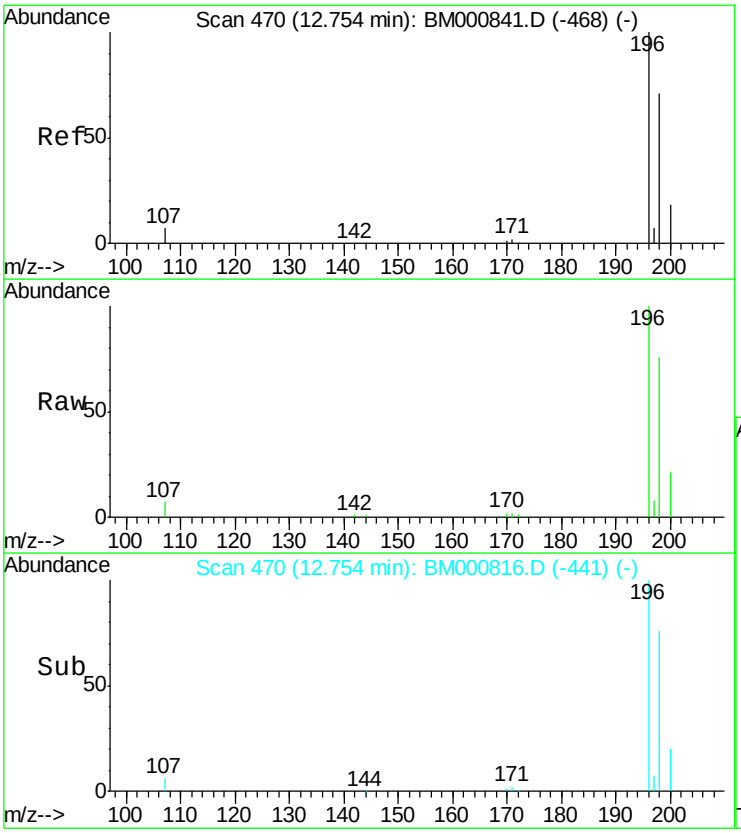
#21
2,4,6-Trichlorophenol
Concen: 2.71 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:196 Resp: 8912

Ion	Ratio	Lower	Upper
196	100		
198	74.7	59.5	89.3
200	20.9	17.4	26.0

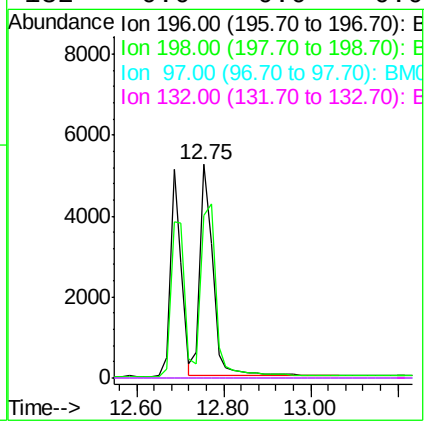


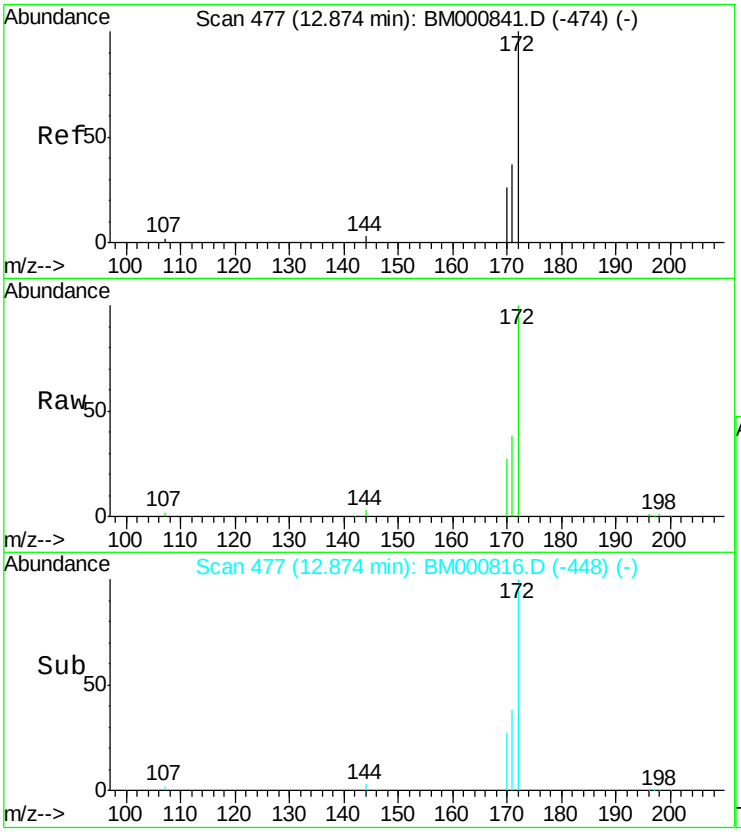


#22
2,4,5-Trichlorophenol
Concen: 2.64 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:196 Resp: 10641

Ion	Ratio	Lower	Upper
196	100		
198	76.4	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0



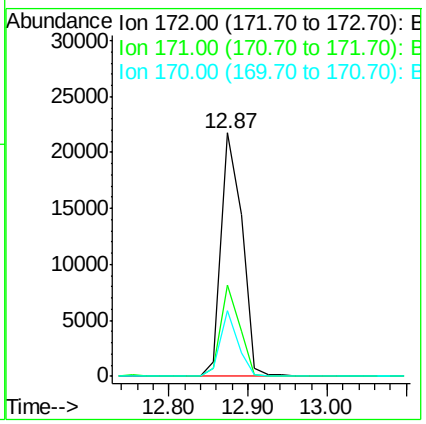


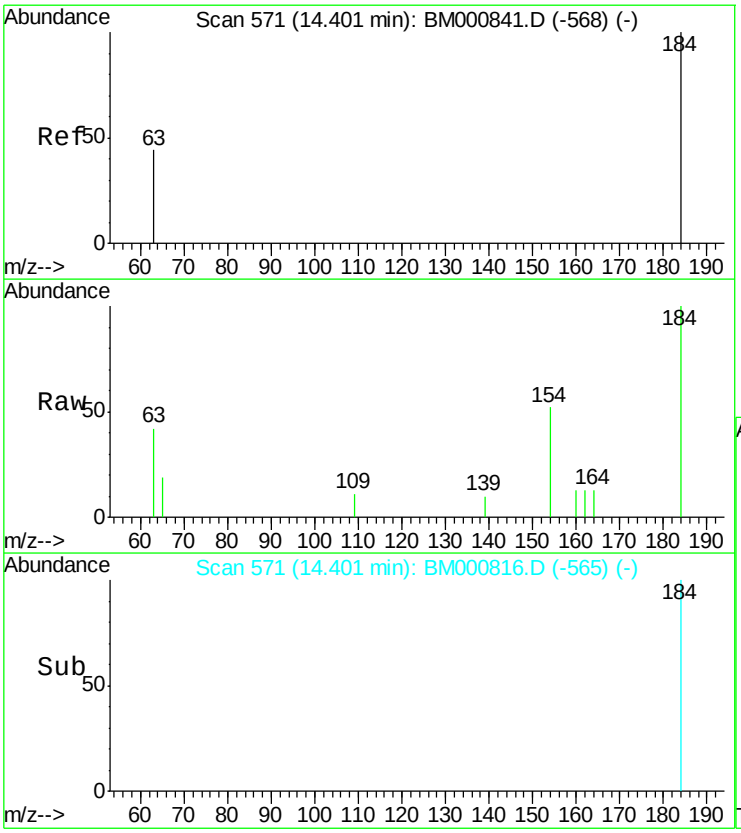
#23
2-Fluorobiphenyl
Concen: 2.10 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:172 Resp: 39382

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.6	46.0
170	27.1	22.2	33.2

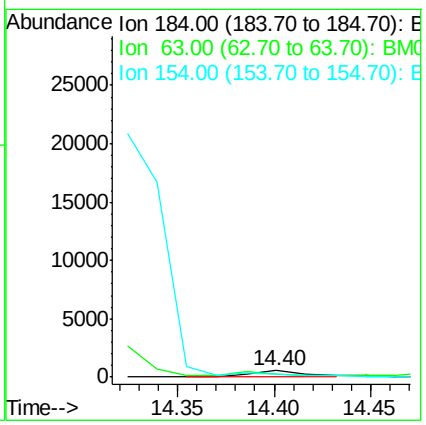


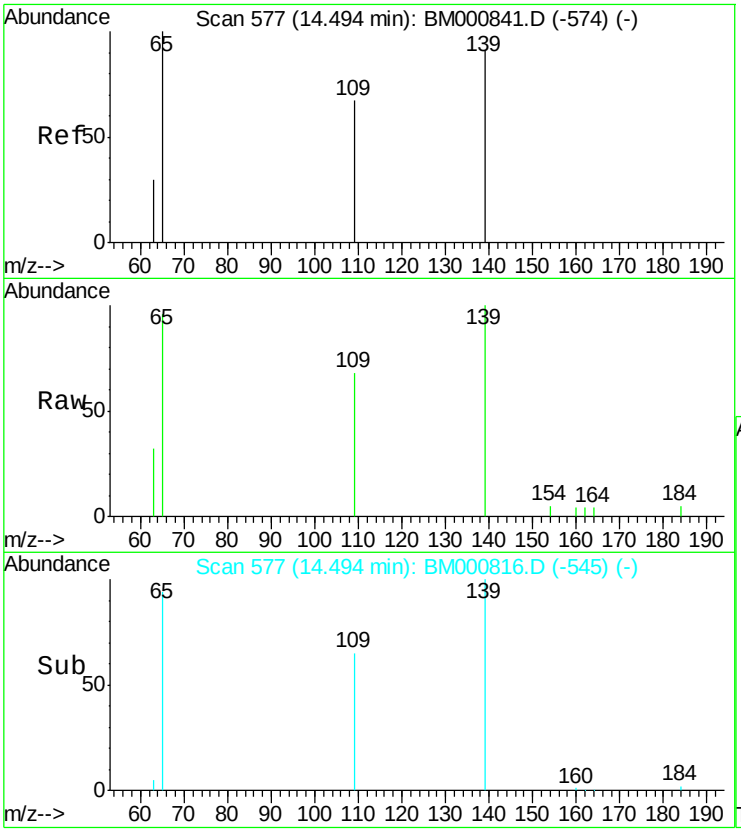


#24
2,4-Dinitrophenol
Concen: 1.49 ng
RT: 14.40 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:184 Resp: 904

Ion	Ratio	Lower	Upper
184	100		
63	42.4	62.7	94.1#
154	51.6	63.6	95.4#



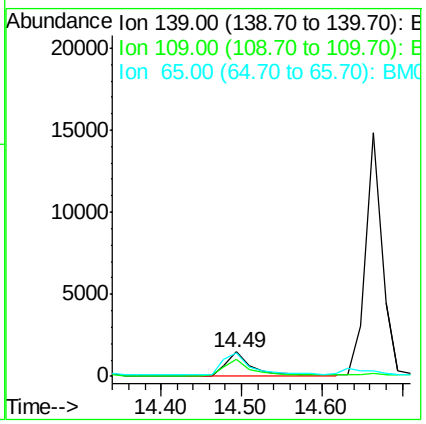


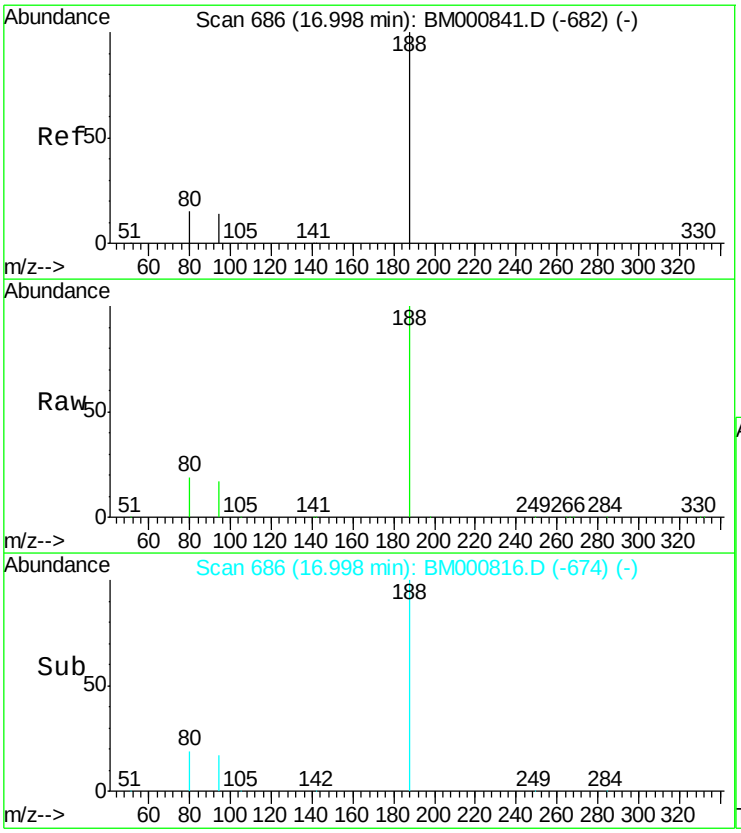
#25
4-Nitrophenol
Concen: 2.67 ng
RT: 14.49 min Scan# 577
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:139 Resp: 3191

Ion	Ratio	Lower	Upper
139	100		
109	68.1	58.2	98.2
65	95.8	90.4	130.4

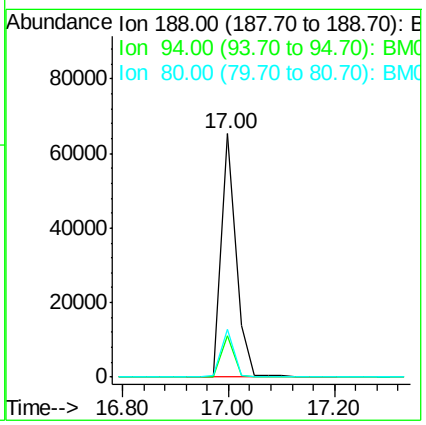


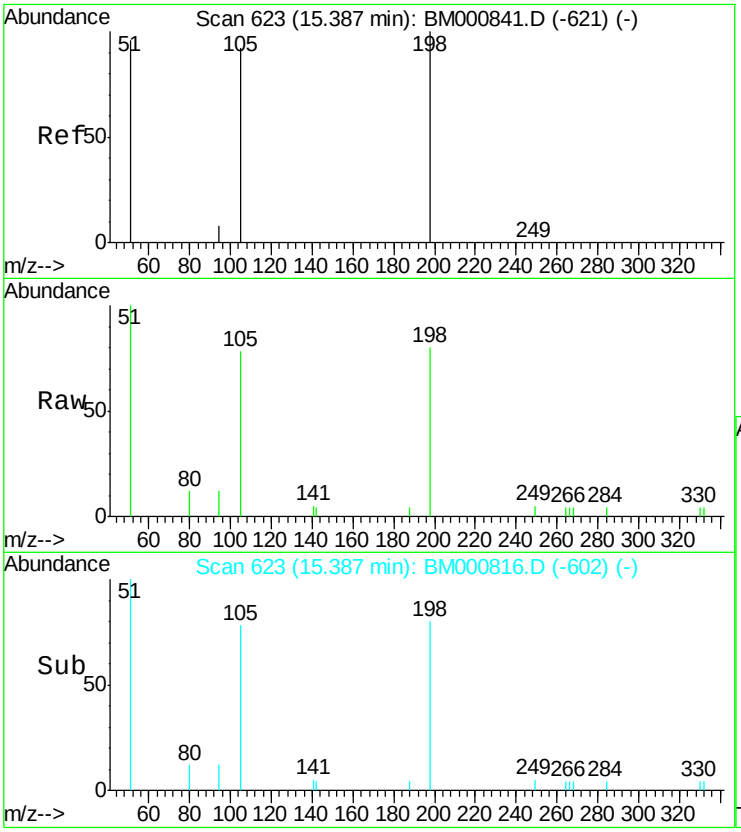


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:188 Resp: 123846

Ion	Ratio	Lower	Upper
188	100		
94	17.1	13.0	19.6
80	19.5	14.7	22.1



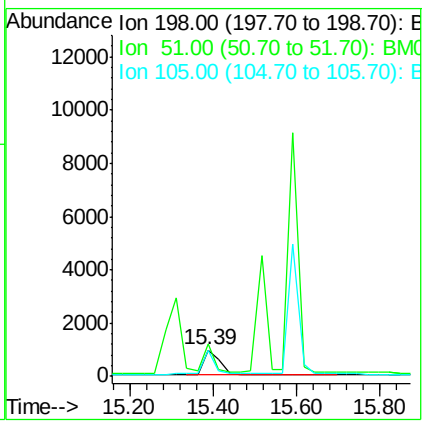


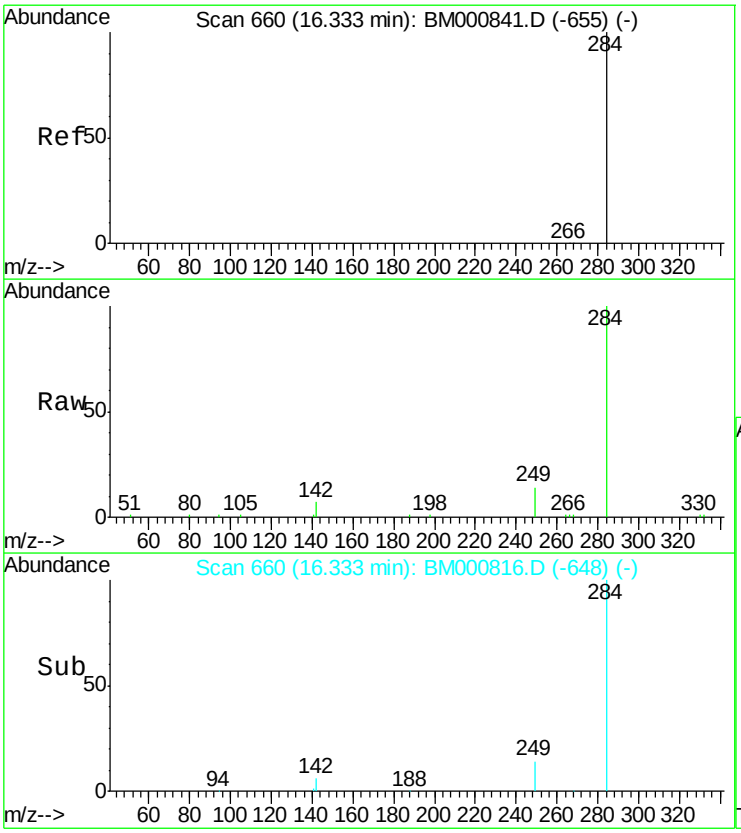
#27
4,6-Dinitro-2-methylphenol
Concen: 2.38 ng
RT: 15.39 min Scan# 623
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:198 Resp: 2628

Ion	Ratio	Lower	Upper
198	100		
51	124.2	139.3	179.3#
105	97.0	88.8	128.8

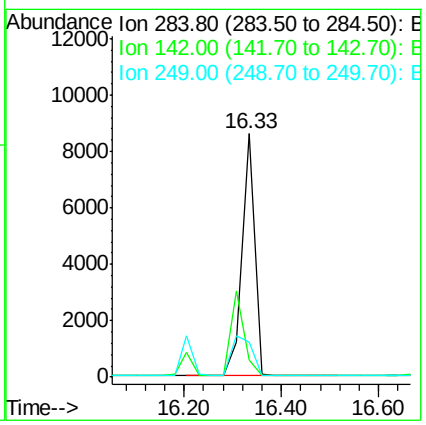


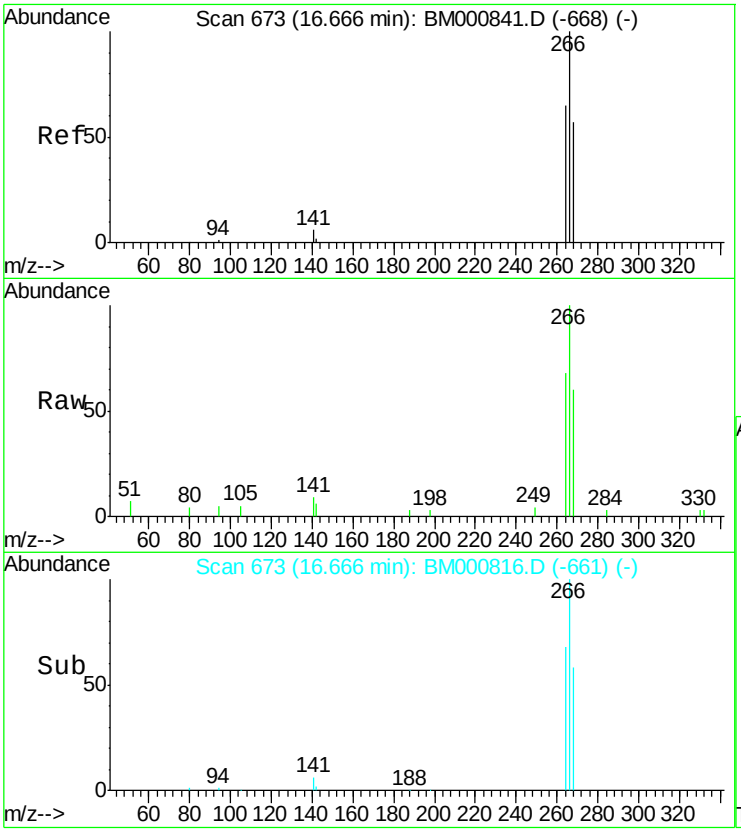


#28
Hexachlorobenzene
Concen: 2.17 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:284 Resp: 15153

Ion	Ratio	Lower	Upper
284	100		
142	6.8	6.5	9.7
249	14.5	12.6	18.8



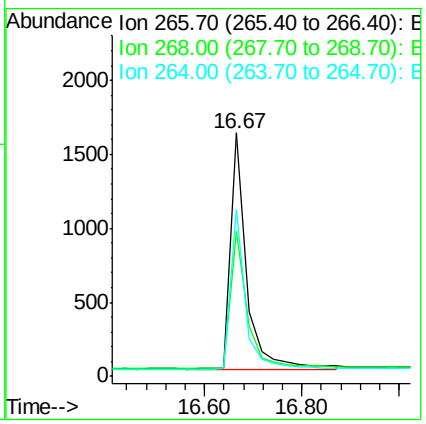


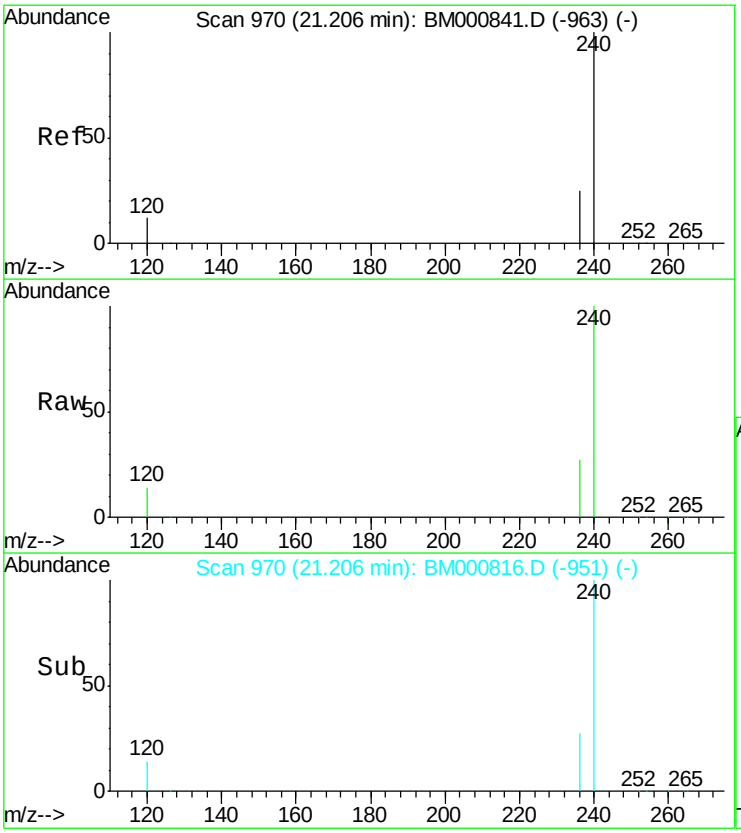
#29
Pentachlorophenol
Concen: 2.94 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:266 Resp: 3553

Ion	Ratio	Lower	Upper
266	100		
268	59.5	51.4	77.0
264	68.4	57.1	85.7

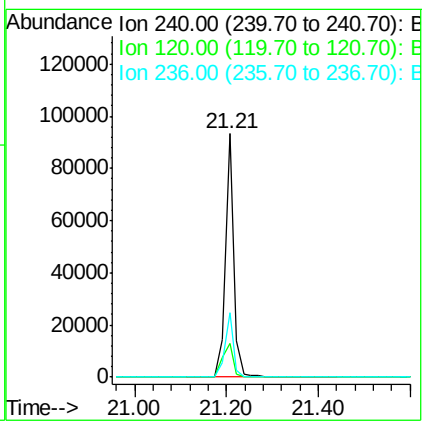


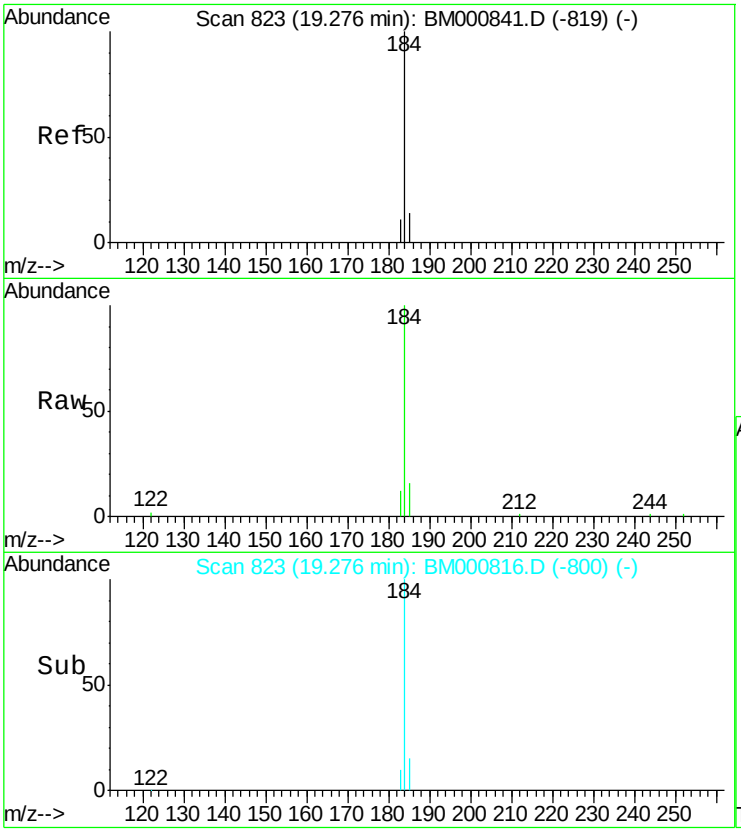


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:240 Resp: 116391

Ion	Ratio	Lower	Upper
240	100		
120	13.8	11.3	16.9
236	26.5	21.1	31.7



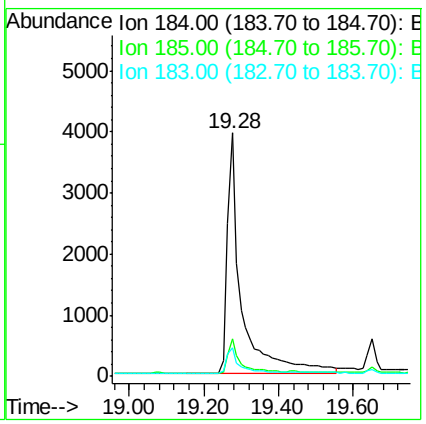


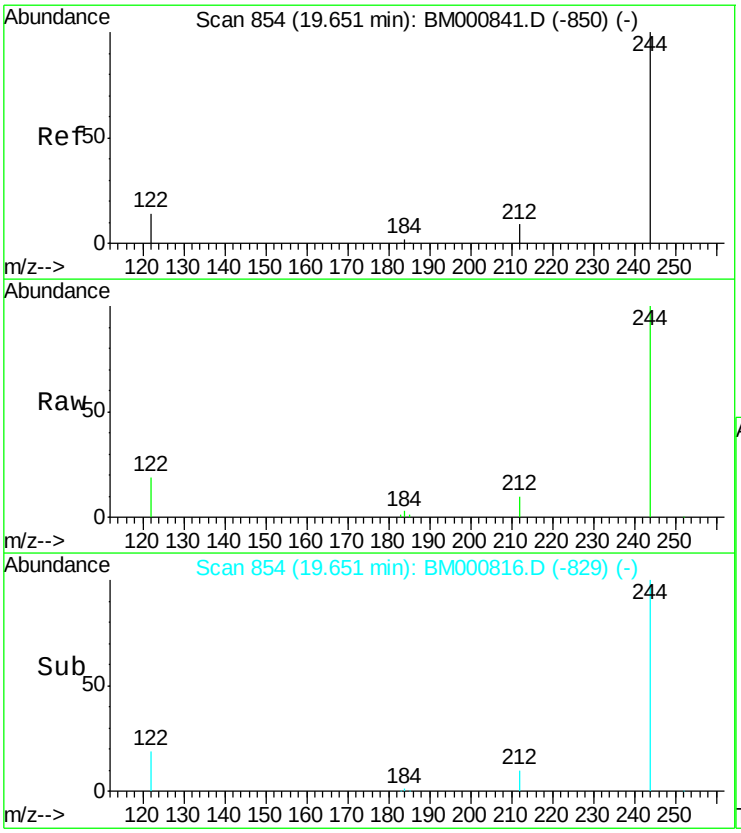
#31
Benzidine
Concen: 2.23 ng
RT: 19.28 min Scan# 823
Delta R.T. -0.02 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:184 Resp: 10468

Ion	Ratio	Lower	Upper
184	100		
185	15.7	39.1	58.7#
183	11.6	36.1	54.1#

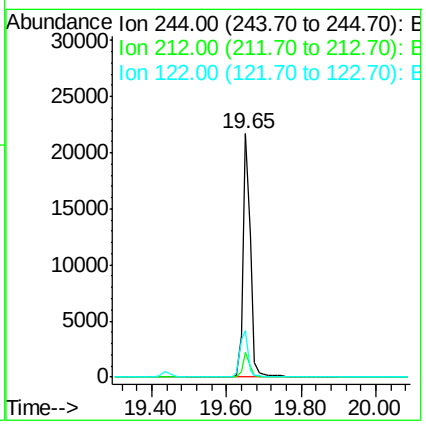


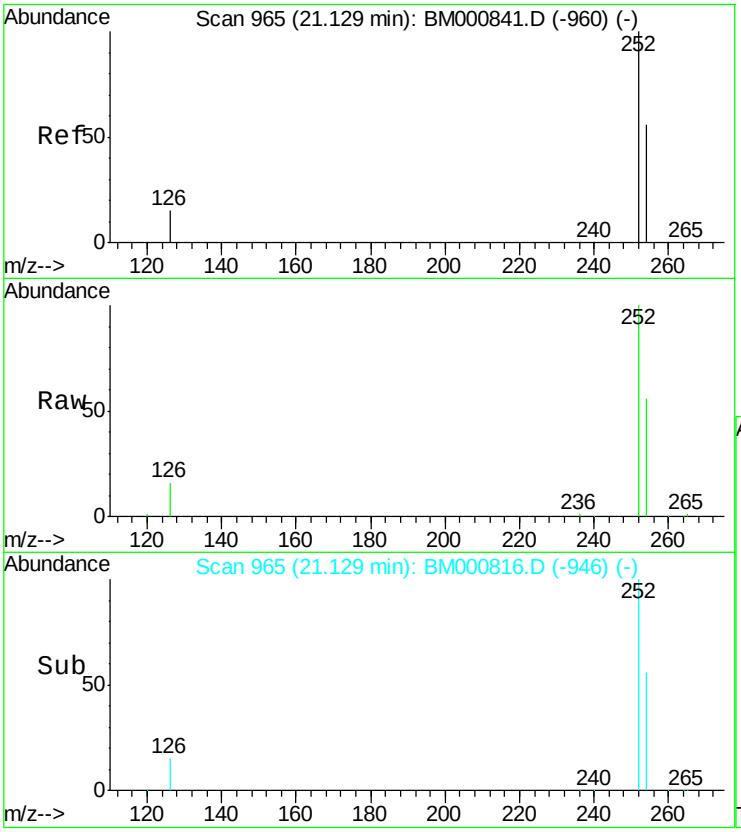


#32
Terphenyl-d14
Concen: 2.09 ng
RT: 19.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:244 Resp: 29327

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.0	12.0
122	18.9	14.7	22.1



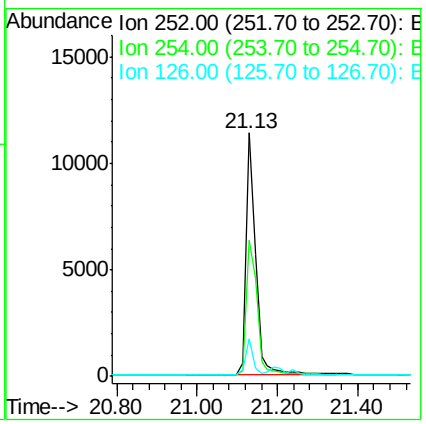


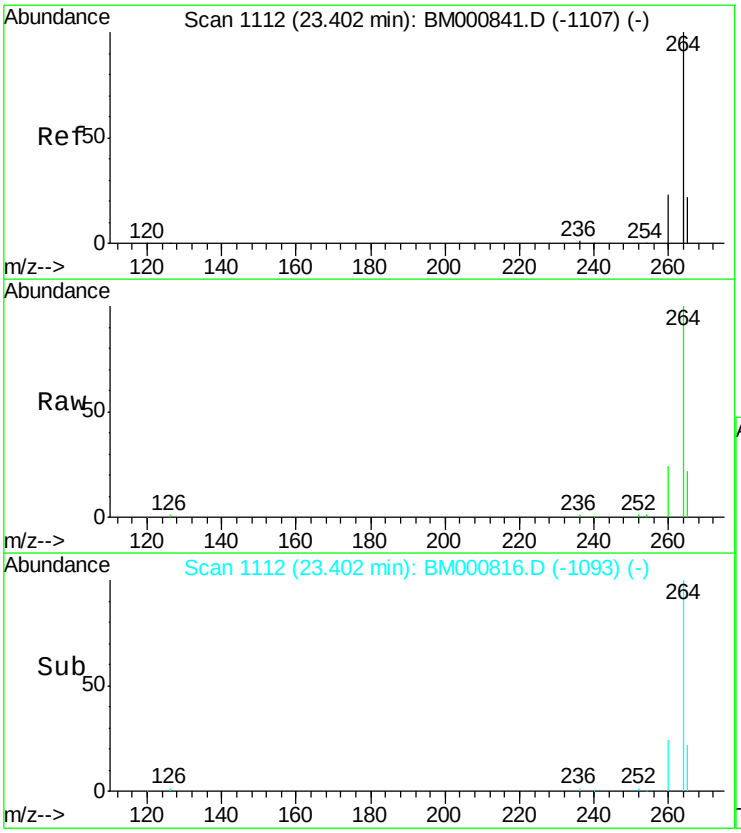
#33
3,3'-Dichlorobenzidine
Concen: 2.40 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM000816.D
Acq: 02 Apr 2015 20:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 18760

Ion	Ratio	Lower	Upper
252	100		
254	55.9	44.5	66.7
126	15.6	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: BM000816.D
Acq: 02 Apr 2015 20:57

Tgt Ion:264 Resp: 104671

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