Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000815.D
Acq On : 02 Apr 2015 20:21
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC001

Quant Time: Apr 03 18:15:39 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	23726	5.00	ng	0.00
11) Naphthalene-d8	10.39	136	107784	5.00	ng	0.00
19) Acenaphthene-d10	14.28	164	53068	5.00	ng	0.00
26) Phenanthrene-d10	17.00	188	112695	5.00	ng	0.00
30) Chrysene-d12	21.21	240	103677	5.00	ng	0.00
34) Perylene-d12	23.40	264	93220	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	6583	1.01	ng	0.00
5) Phenol-d6	6.77	99	9220	1.01	ng	0.00
12) Nitrobenzene-d5	8.77	82	4840	0.96	ng	0.00
20) 2,4,6-Tribromophenol	15.77	330	1741	1.10	ng	0.00
23) 2-Fluorobiphenyl	12.87	172	16716	1.02	ng	0.00
32) Terphenyl-d14	19.65	244	12775	1.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	3293	0.92	ng	100
3) n-Nitrosodimethylamine	3.44	42	3022	1.00	ng	100
6) 2-Chlorophenol	7.17	128	6464	1.00	ng	100
7) Phenol	6.81	94	9587	0.98	ng	100
8) bis(2-Chloroethyl)ether	7.02	93	6441	0.95	ng	100
9) 2-Methylphenol	8.06	107	7022	1.01	ng	100
10) 3+4-Methylphenols	8.38	107	8029	1.09	ng	100
13) Nitrobenzene	8.80	77	5729	0.98	ng	100
14) 2-Nitrophenol	9.52	139	2874	1.07	ng	100
15) 2,4-Dimethylphenol	9.58	122	6250	1.02	ng	100
16) 2,4-Dichlorophenol	10.04	162	5540	1.02	ng	100
17) Hexachlorobutadiene	10.75	225	4260	1.02	ng	100
18) 4-Chloro-3-methylphenol	11.69	107	5360	0.99	ng	100
21) 2,4,6-Trichlorophenol	12.69	196	3460	1.21	ng	100
22) 2,4,5-Trichlorophenol	12.75	196	4179	1.19	ng	100
24) 2,4-Dinitrophenol	14.40	184	240	0.45	ng	100
25) 4-Nitrophenol	14.49	139	1009	0.97	ng	100
27) 4,6-Dinitro-2-methylphenol	15.39	198	1043	1.04	ng	100
28) Hexachlorobenzene	16.33	284	6485	1.02	ng	100
29) Pentachlorophenol	16.67	266	1178	1.07	ng	100
31) Benzidine	19.30	184	528	0.13	ng	100
33) 3,3'-Dichlorobenzidine	21.13	252	5845	0.84	ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000815.D
Acq On : 02 Apr 2015 20:21
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Quant Time: Apr 03 18:15:39 2015
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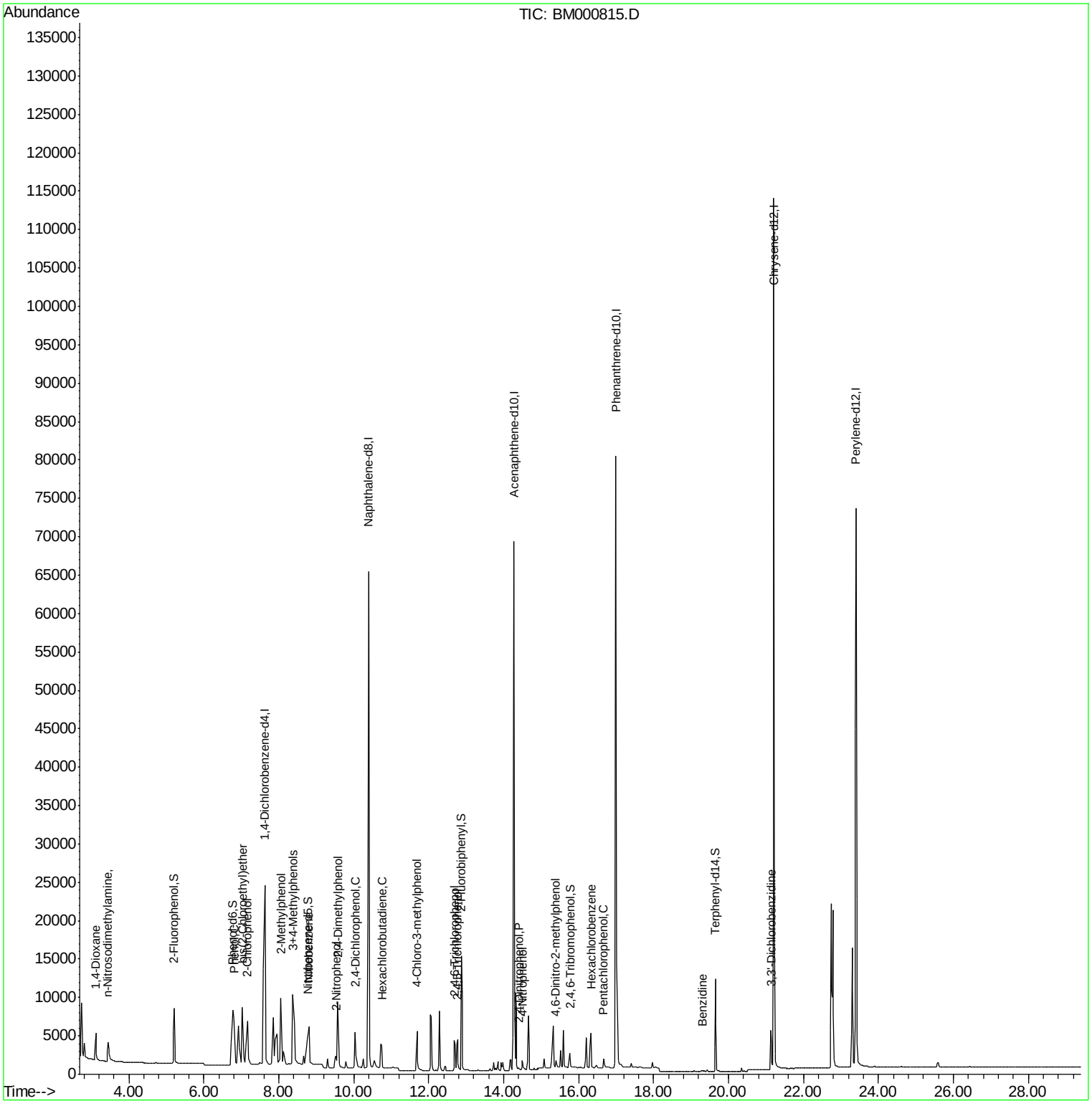
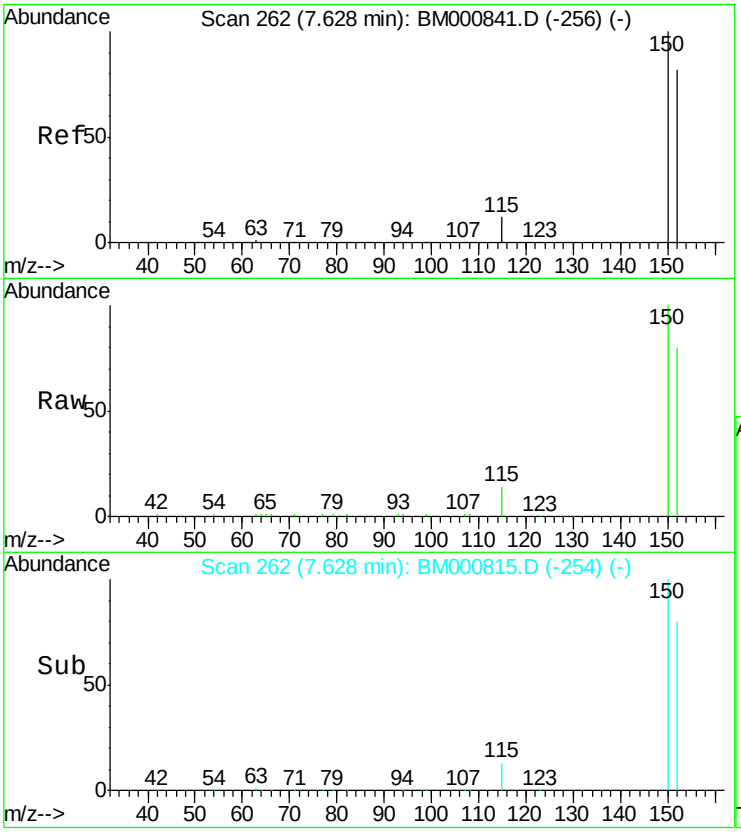


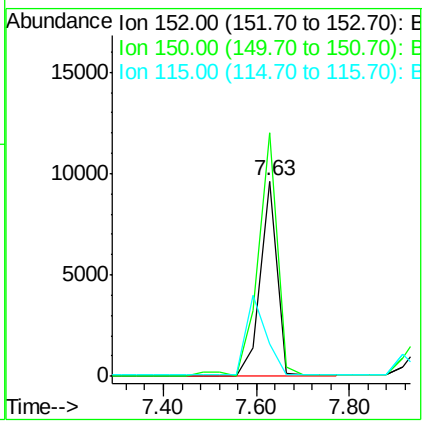


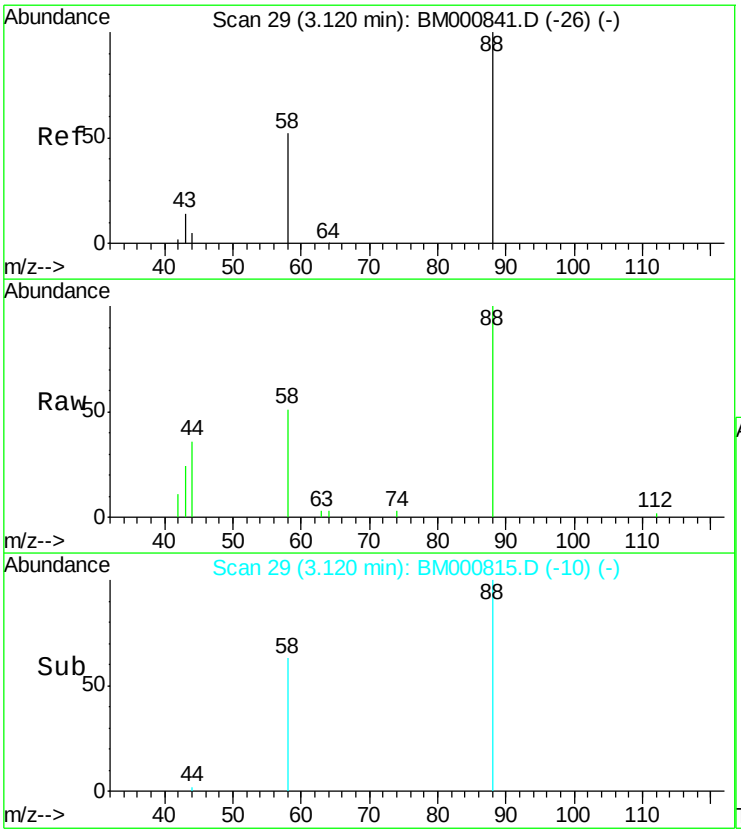
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 23726

Ion	Ratio	Lower	Upper
152	100		
150	124.7	99.8	149.6
115	16.9	13.5	20.3

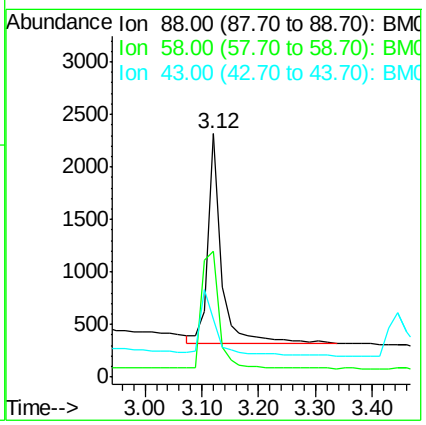


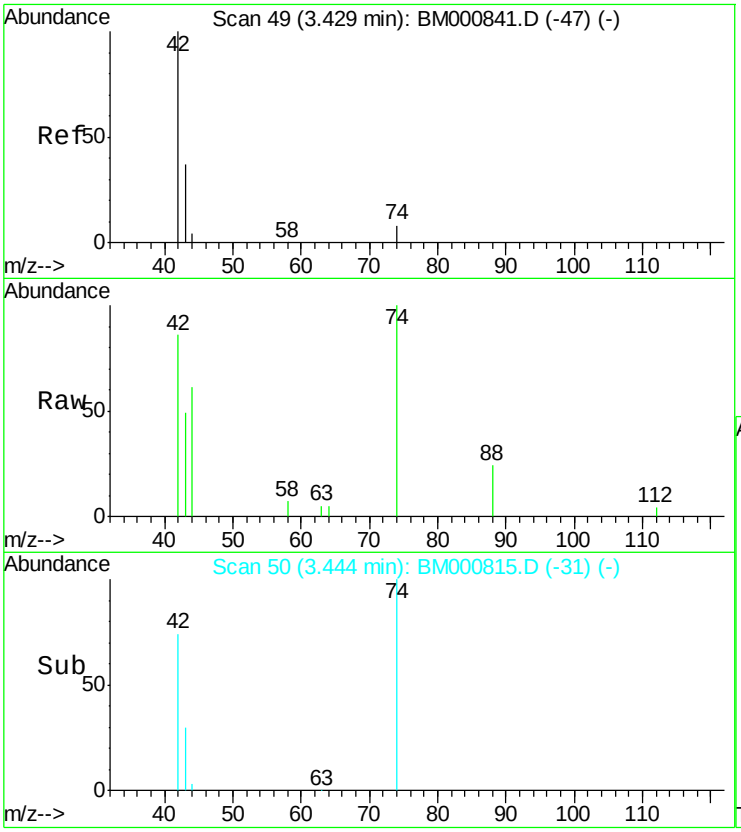


#2
1,4-Dioxane
Concen: 0.92 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion: 88 Resp: 3293

Ion	Ratio	Lower	Upper
88	100		
58	71.2	57.0	85.4
43	36.5	29.2	43.8



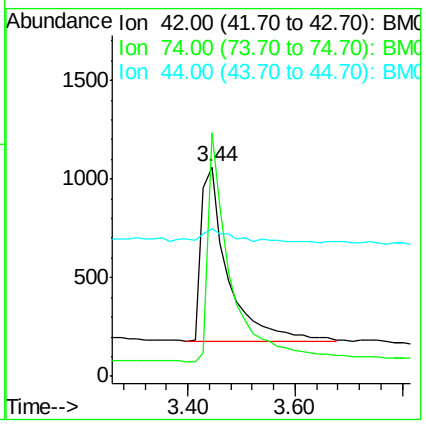


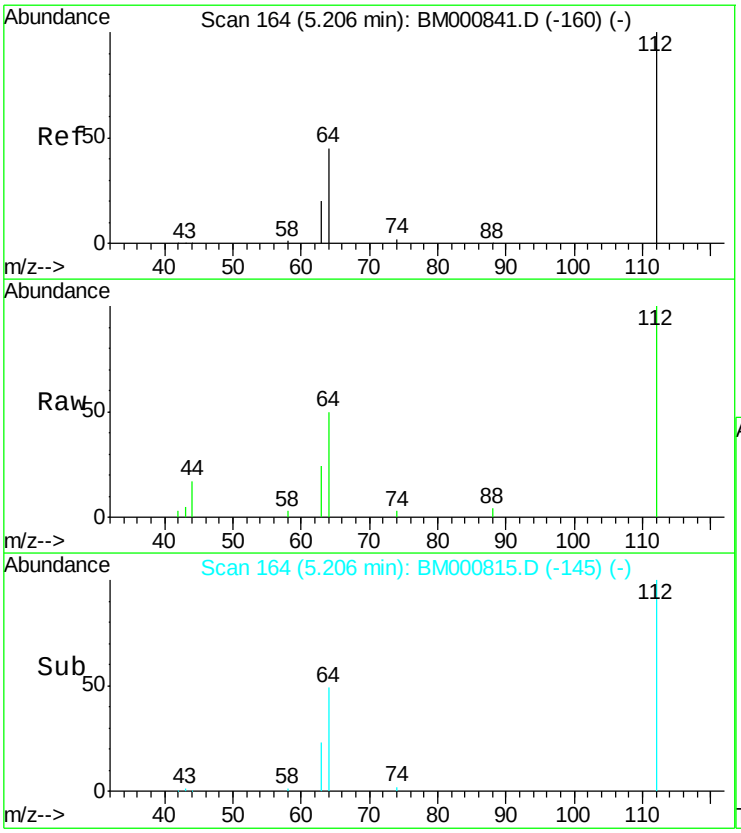
#3
n-Nitrosodimethylamine
Concen: 1.00 ng
RT: 3.44 min Scan# 50
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 3022

Ion	Ratio	Lower	Upper
42	100		
74	116.4	93.1	139.7
44	70.8	56.6	85.0

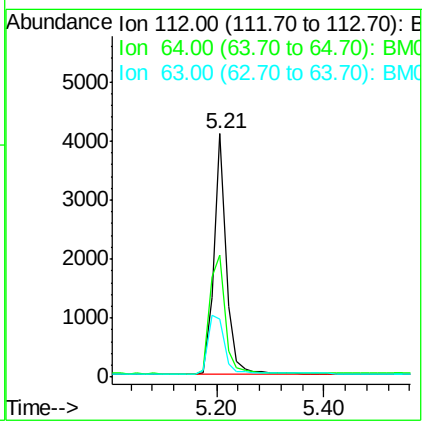


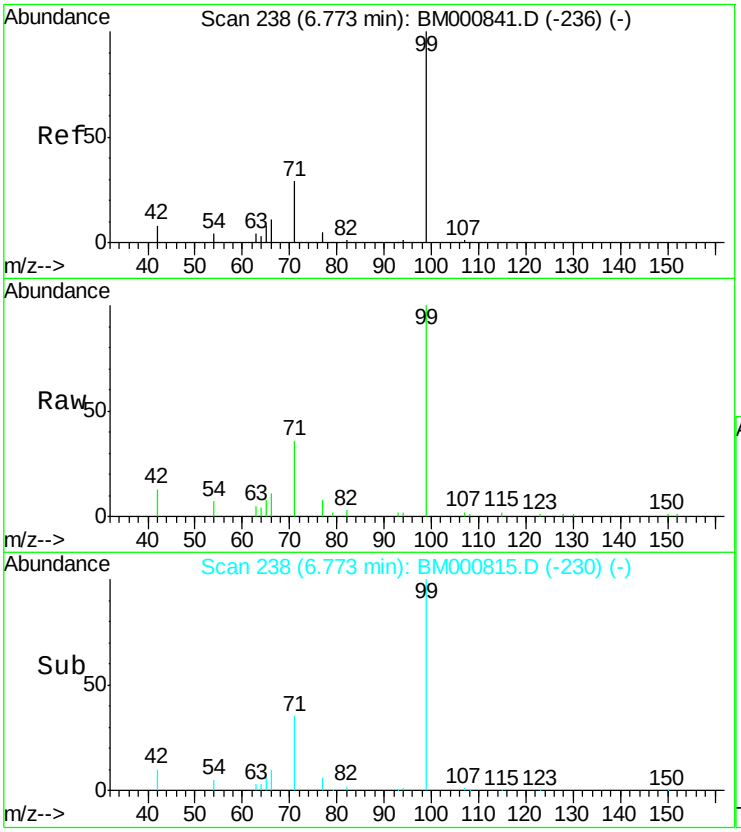


#4
2-Fluorophenol
Concen: 1.01 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:112 Resp: 6583

Ion	Ratio	Lower	Upper
112	100		
64	50.4	40.3	60.5
63	23.7	19.0	28.4



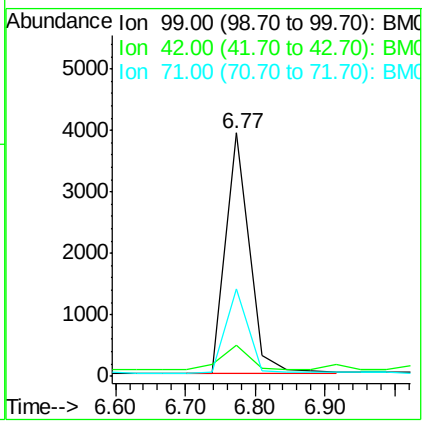


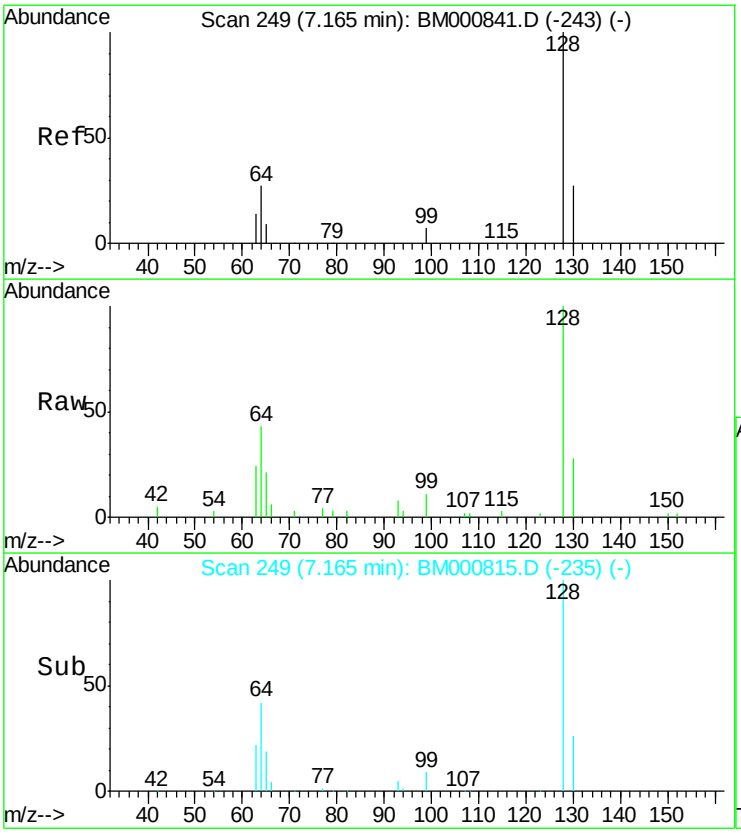
#5
Phenol-d6
Concen: 1.01 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 99 Resp: 9220

Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.2	15.4
71	35.8	28.6	43.0

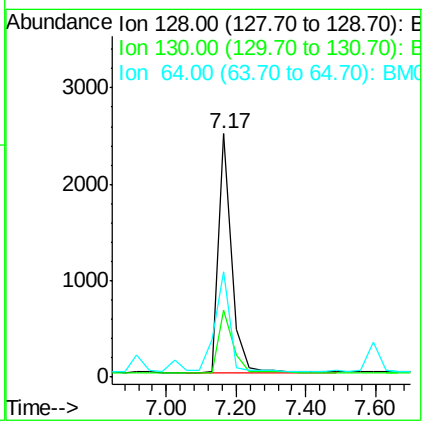


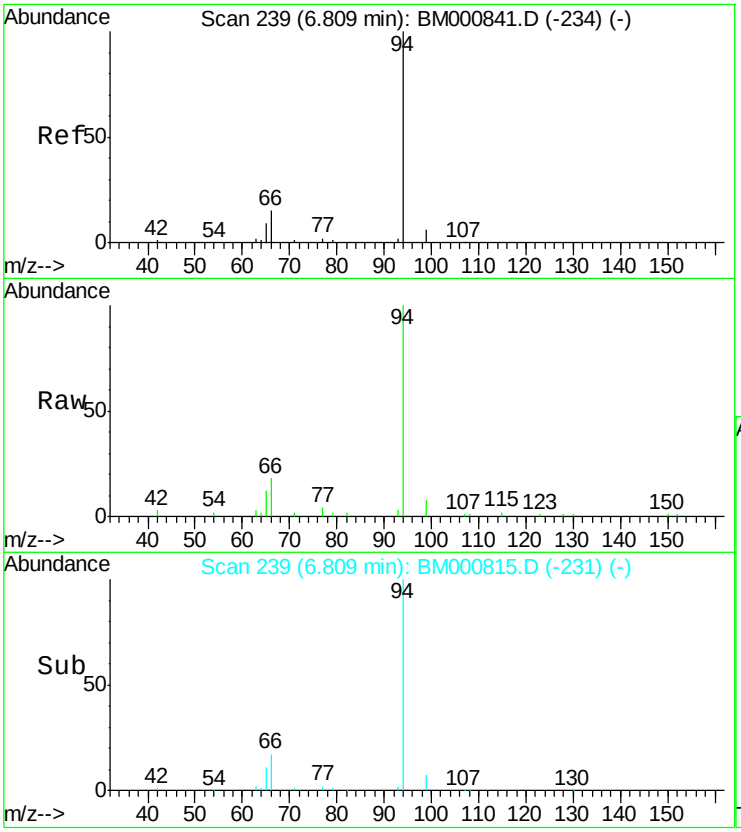


#6
2-Chlorophenol
Concen: 1.00 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:128 Resp: 6464

Ion	Ratio	Lower	Upper
128	100		
130	27.6	7.6	47.6
64	43.1	23.1	63.1



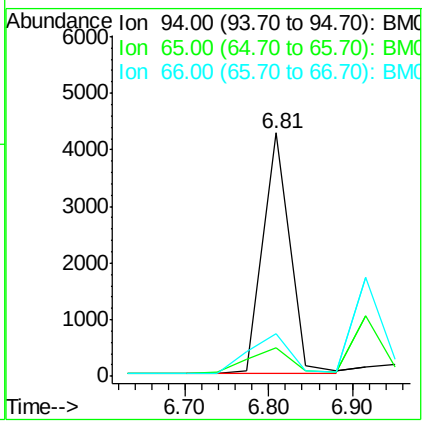


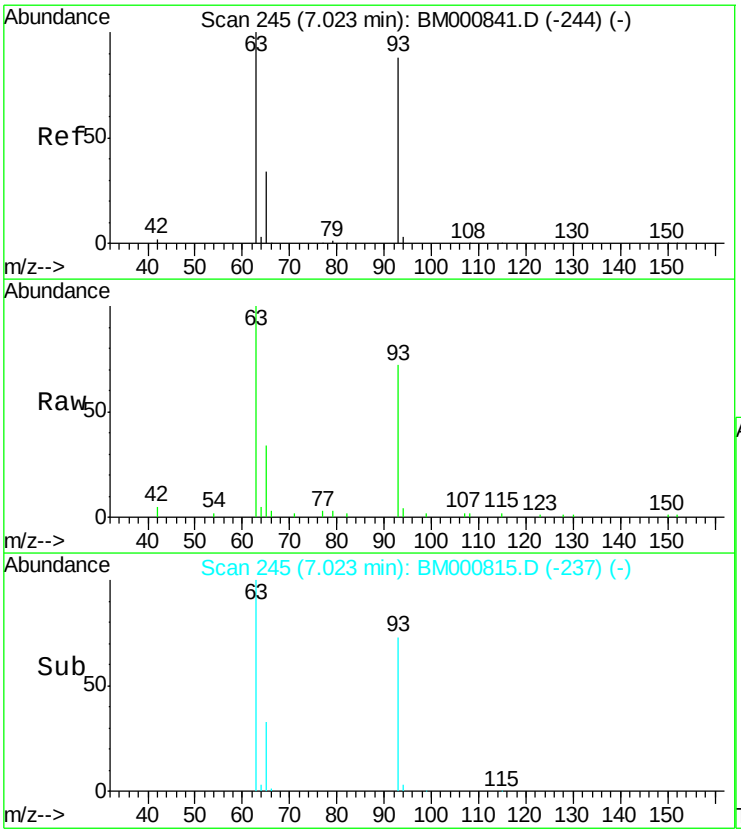
#7
Phenol
Concen: 0.98 ng
RT: 6.81 min Scan# 239
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 94 Resp: 9587

Ion	Ratio	Lower	Upper
94	100		
65	12.0	0.0	32.0
66	17.6	0.0	37.6

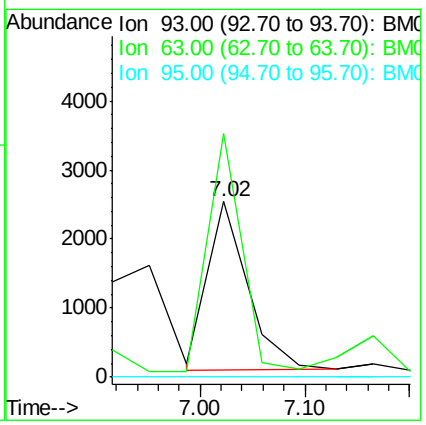


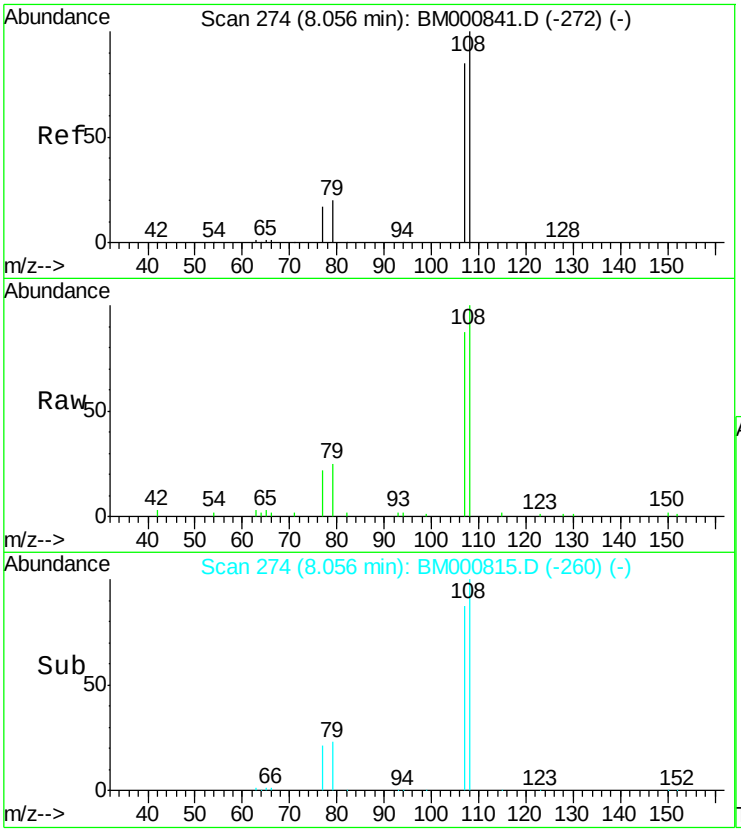


#8
bis(2-Chloroethyl)ether
Concen: 0.95 ng
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion: 93 Resp: 6441

Ion	Ratio	Lower	Upper
93	100		
63	138.9	118.9	158.9
95	0.0	0.0	20.0



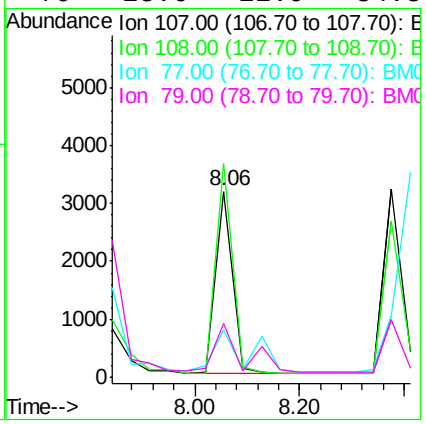


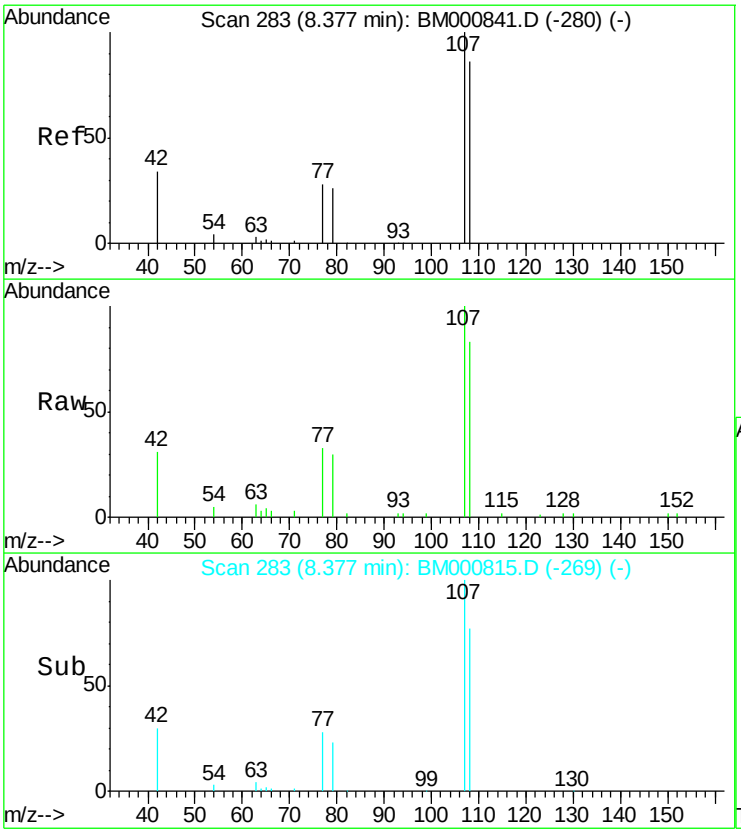
#9
2-Methylphenol
Concen: 1.01 ng
RT: 8.06 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:107 Resp: 7022

Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	25.8	20.6	31.0
79	28.6	22.9	34.3

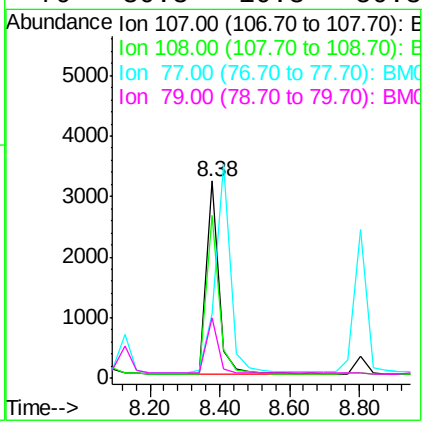


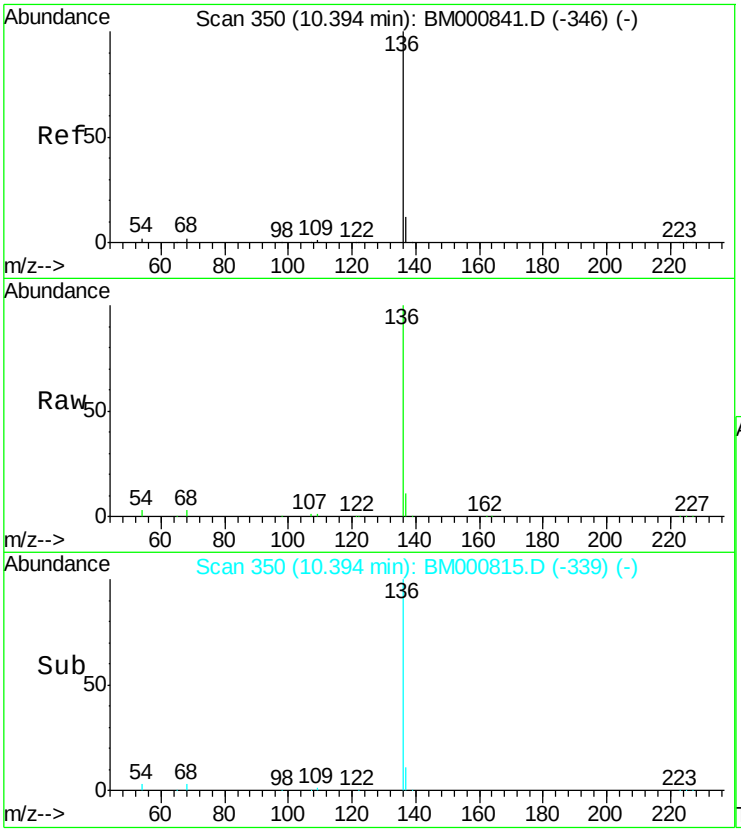


#10
3+4-Methylphenols
Concen: 1.09 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:107 Resp: 8029

Ion	Ratio	Lower	Upper
107	100		
108	82.6	62.6	102.6
77	32.8	12.8	52.8
79	30.3	10.3	50.3



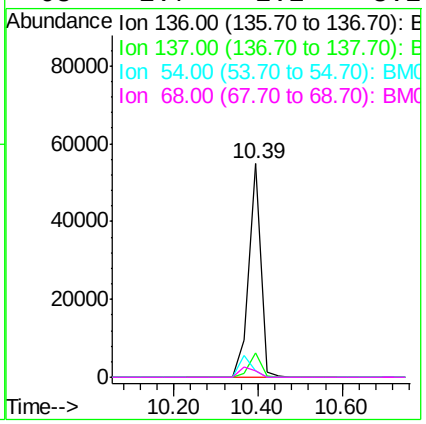


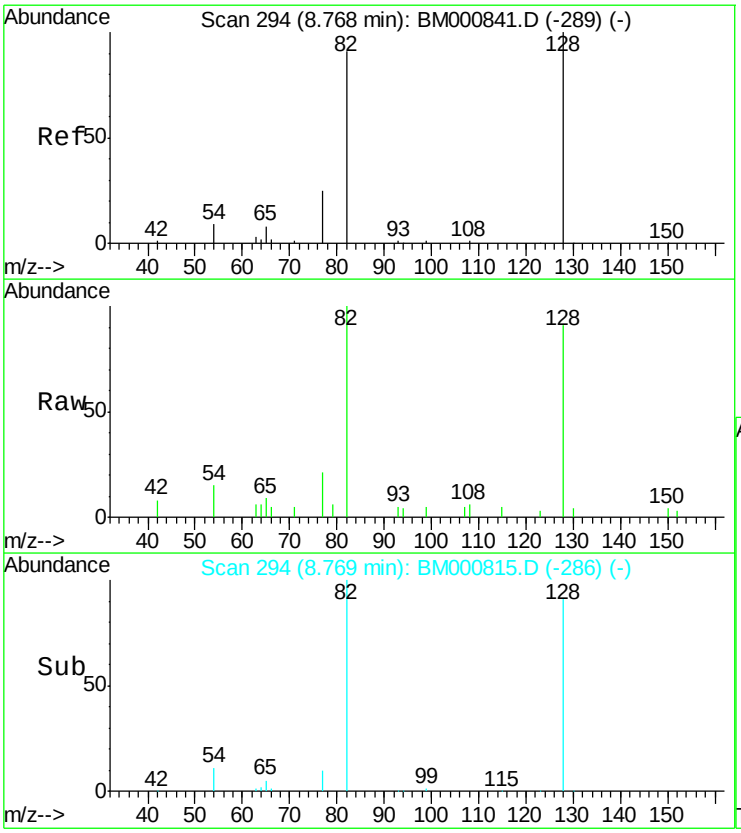
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:136 Resp: 107784

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	2.8	2.2	3.4
68	2.7	2.2	3.2

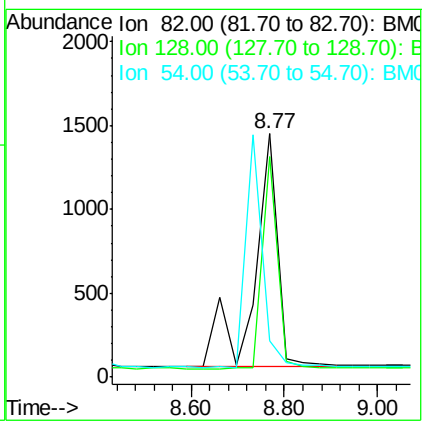


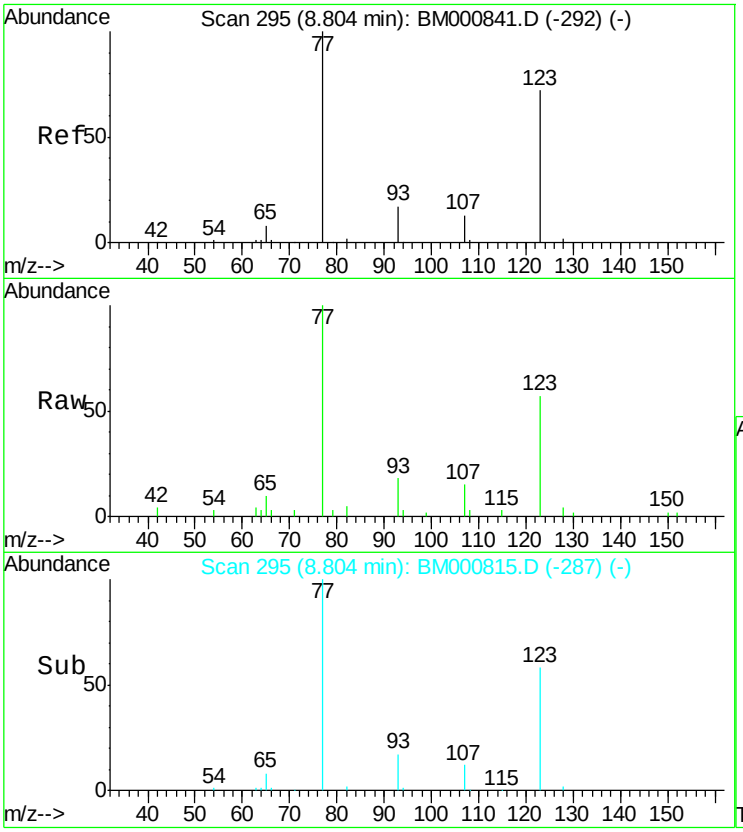


#12
Nitrobenzene-d5
Concen: 0.96 ng
RT: 8.77 min Scan# 294
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion: 82 Resp: 4840

Ion	Ratio	Lower	Upper
82	100		
128	90.6	72.5	108.7
54	14.8	11.8	17.8



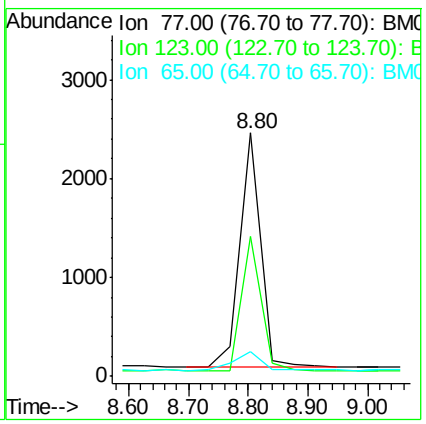


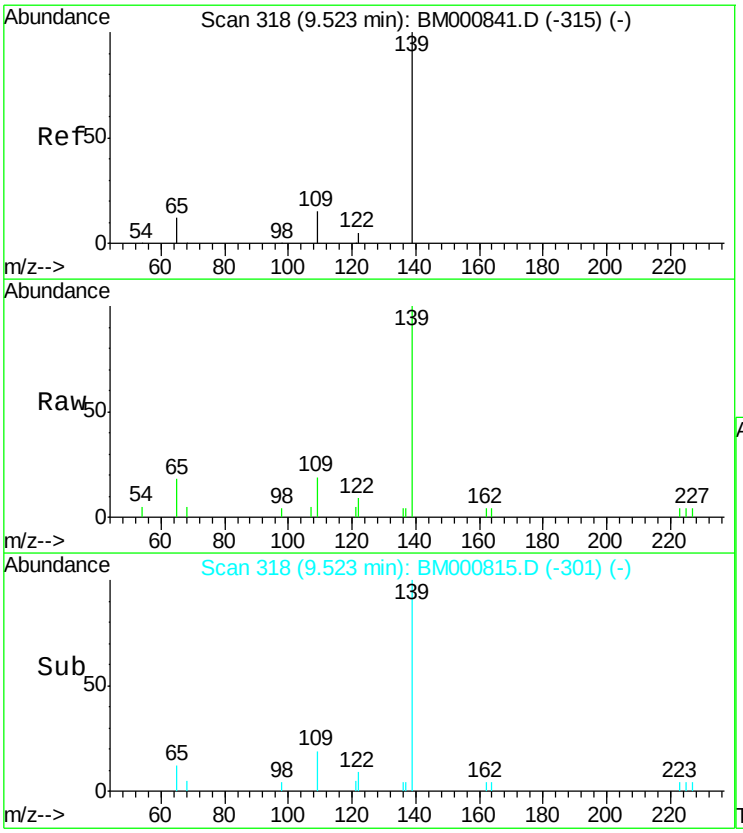
#13
Nitrobenzene
Concen: 0.98 ng
RT: 8.80 min Scan# 295
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 77 Resp: 5729

Ion	Ratio	Lower	Upper
77	100		
123	57.2	45.8	68.6
65	10.3	8.2	12.4

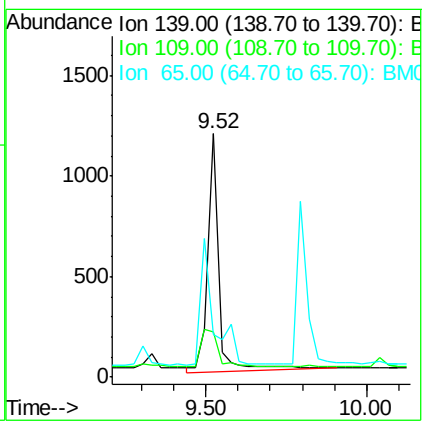


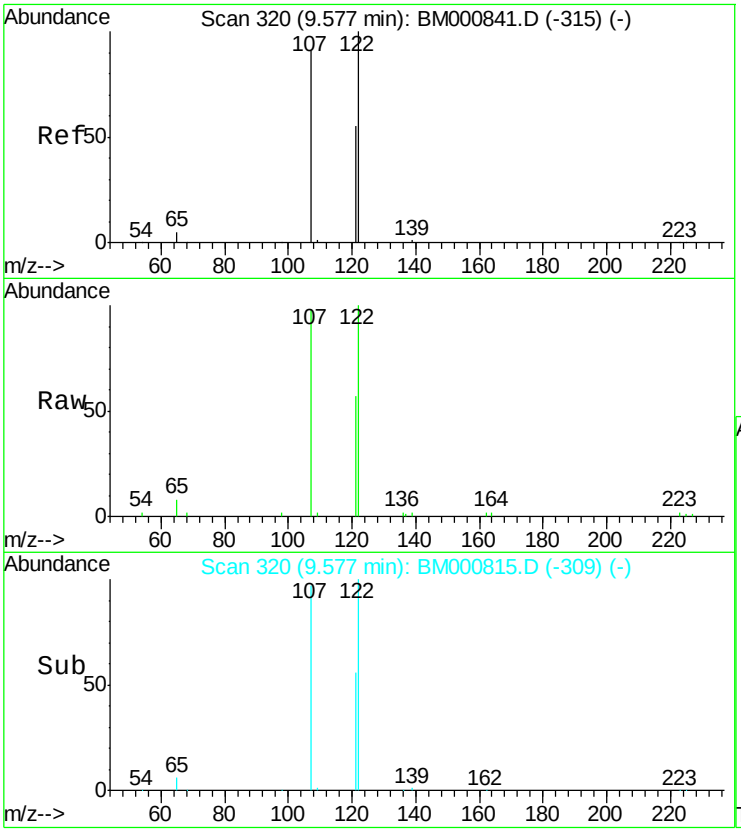


#14
2-Nitrophenol
Concen: 1.07 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:139 Resp: 2874

Ion	Ratio	Lower	Upper
139	100		
109	18.8	15.0	22.6
65	17.8	14.2	21.4



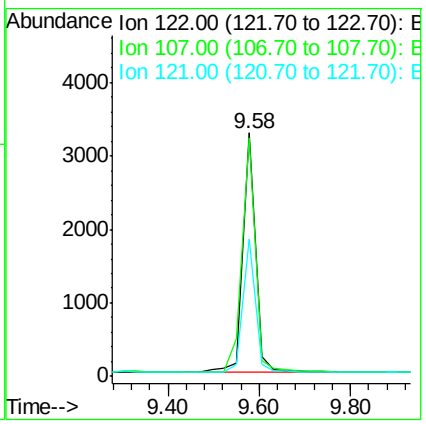


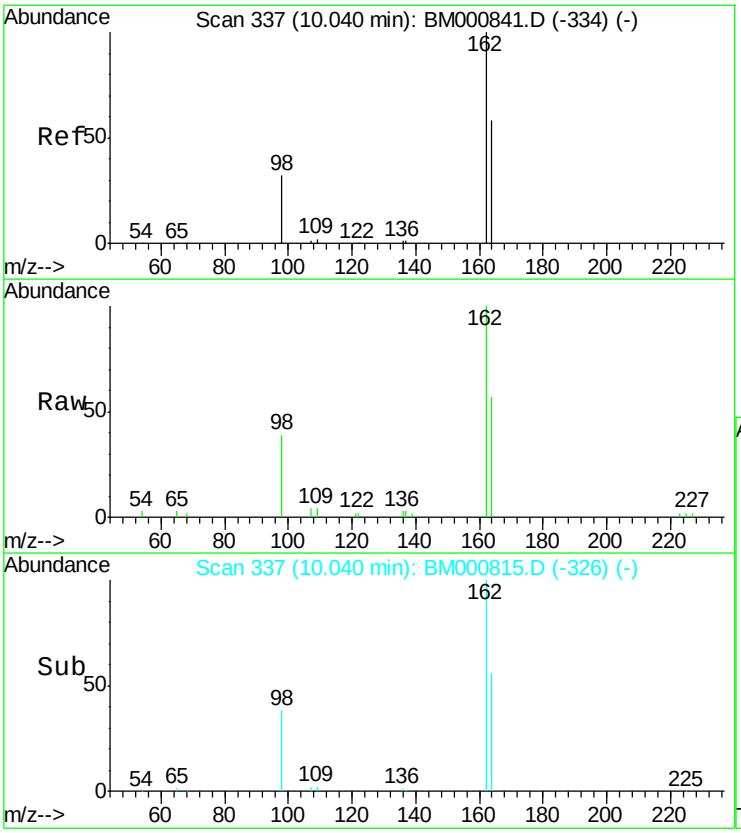
#15
2,4-Dimethylphenol
Concen: 1.02 ng
RT: 9.58 min Scan# 320
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:122 Resp: 6250

Ion	Ratio	Lower	Upper
122	100		
107	97.8	78.2	117.4
121	56.7	45.4	68.0

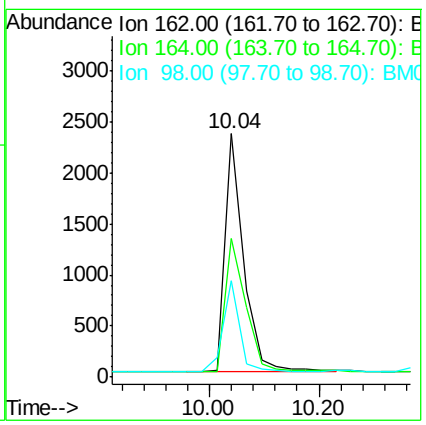


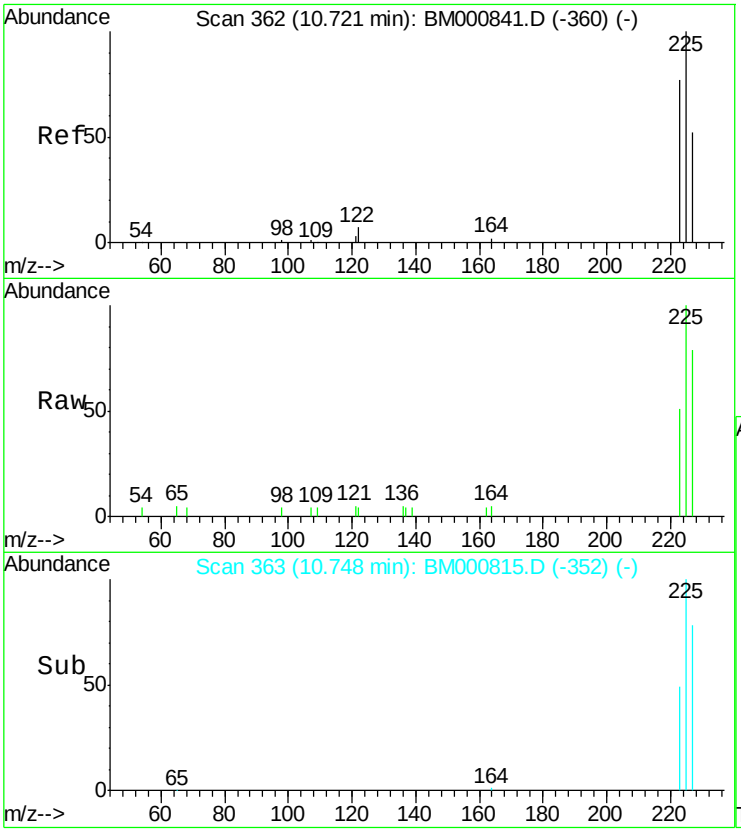


#16
2,4-Dichlorophenol
Concen: 1.02 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:162 Resp: 5540

Ion	Ratio	Lower	Upper
162	100		
164	57.1	37.1	77.1
98	39.5	19.5	59.5



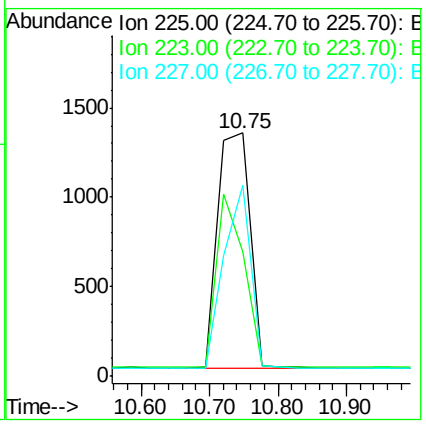


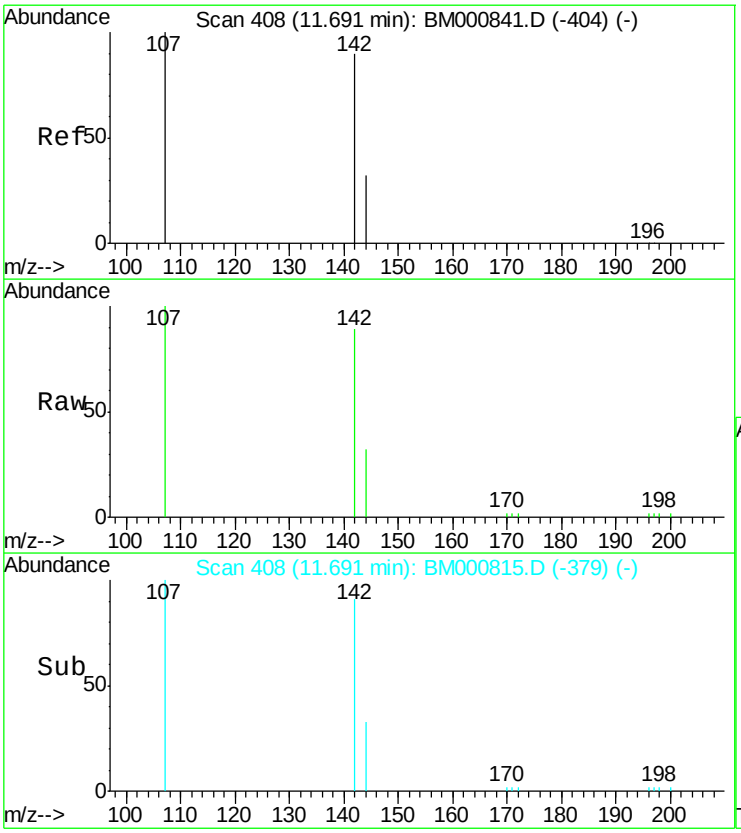
#17
Hexachlorobutadiene
Concen: 1.02 ng
RT: 10.75 min Scan# 363
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:225 Resp: 4260

Ion	Ratio	Lower	Upper
225	100		
223	51.0	40.8	61.2
227	78.5	62.8	94.2

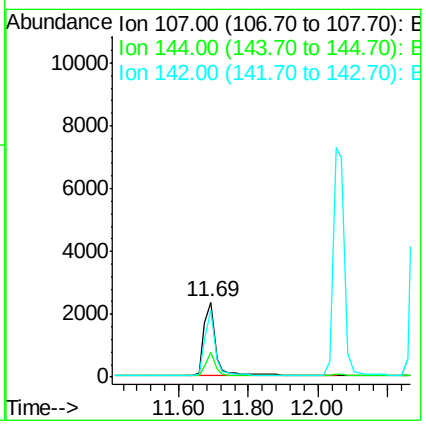


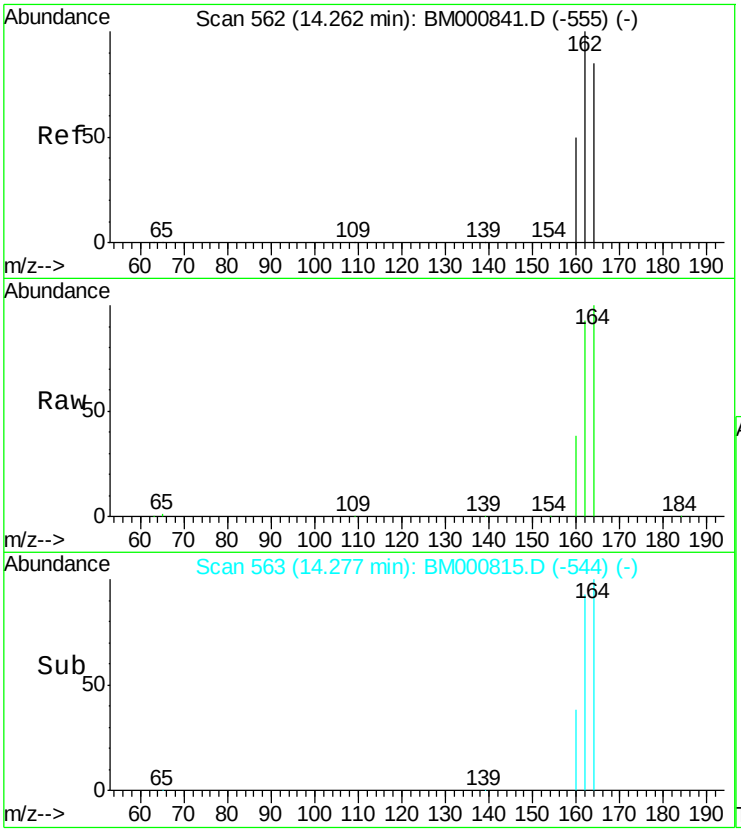


#18
4-Chloro-3-methylphenol
Concen: 0.99 ng
RT: 11.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:107 Resp: 5360

Ion	Ratio	Lower	Upper
107	100		
144	32.3	25.8	38.8
142	89.1	71.3	106.9



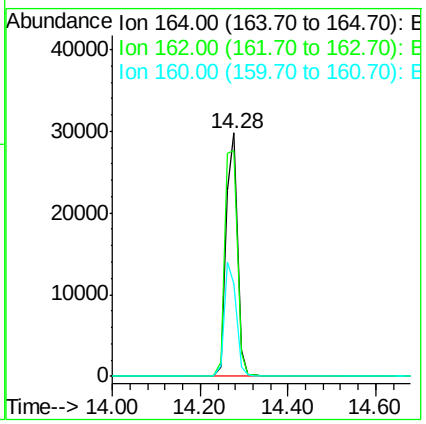


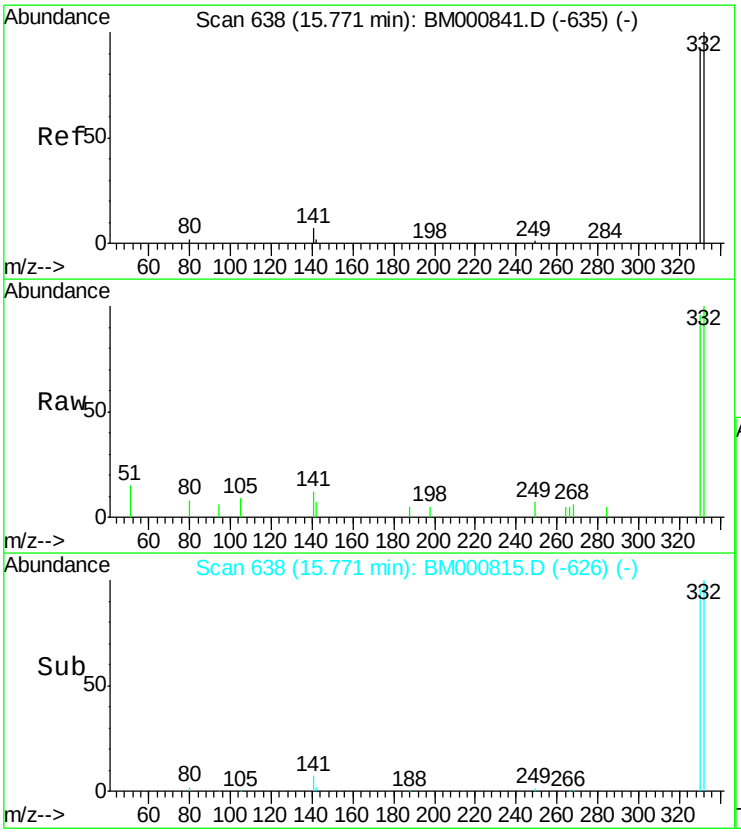
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:164 Resp: 53068

Ion	Ratio	Lower	Upper
164	100		
162	92.7	74.2	111.2
160	38.0	30.4	45.6

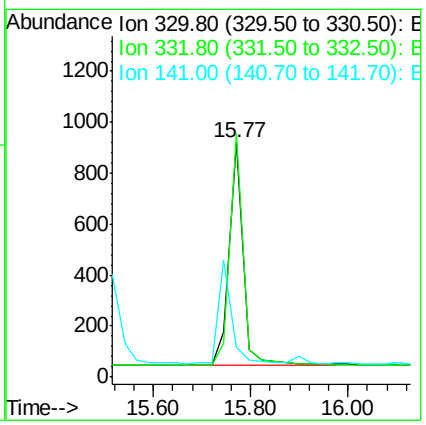


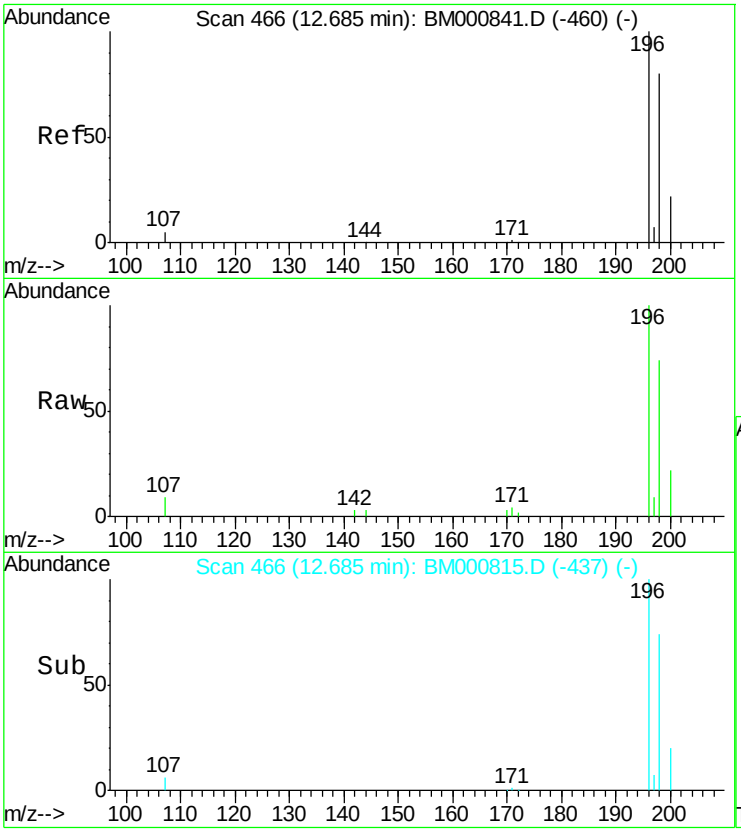


#20
2,4,6-Tribromophenol
Concen: 1.10 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:330 Resp: 1741

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.7	118.1
141	0.0	0.0	0.0



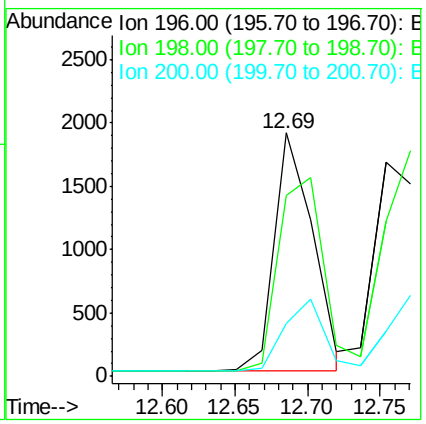


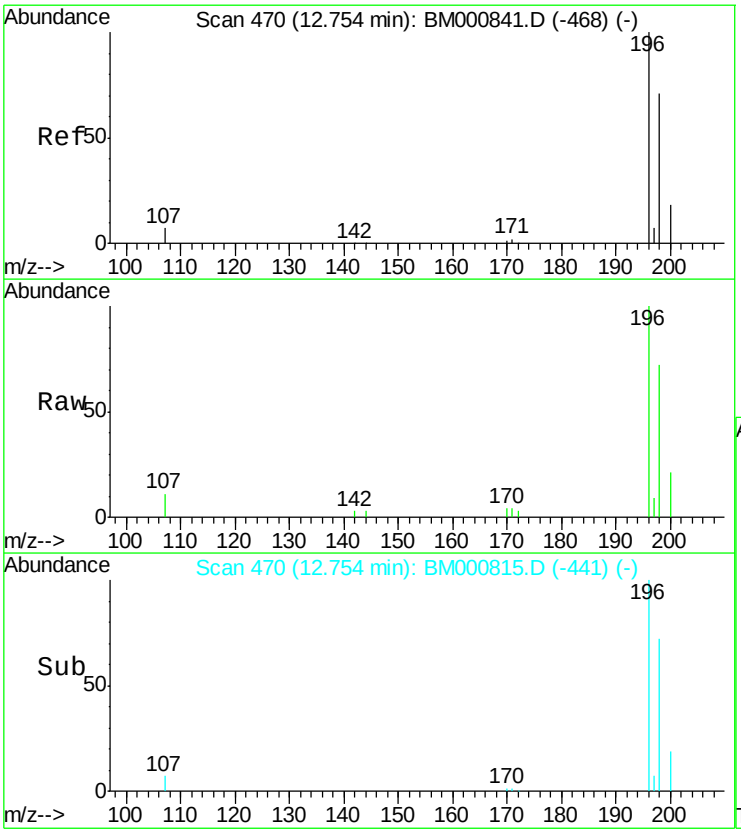
#21
2,4,6-Trichlorophenol
Concen: 1.21 ng
RT: 12.69 min Scan# 466
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:196 Resp: 3460

Ion	Ratio	Lower	Upper
196	100		
198	74.4	59.5	89.3
200	21.7	17.4	26.0

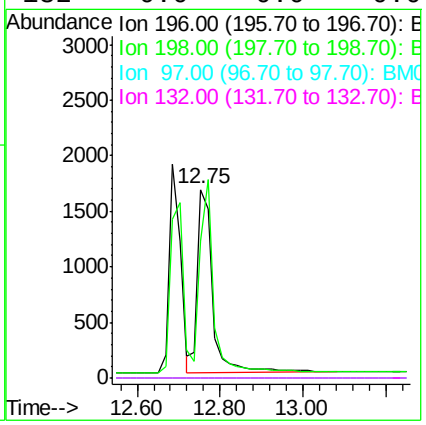


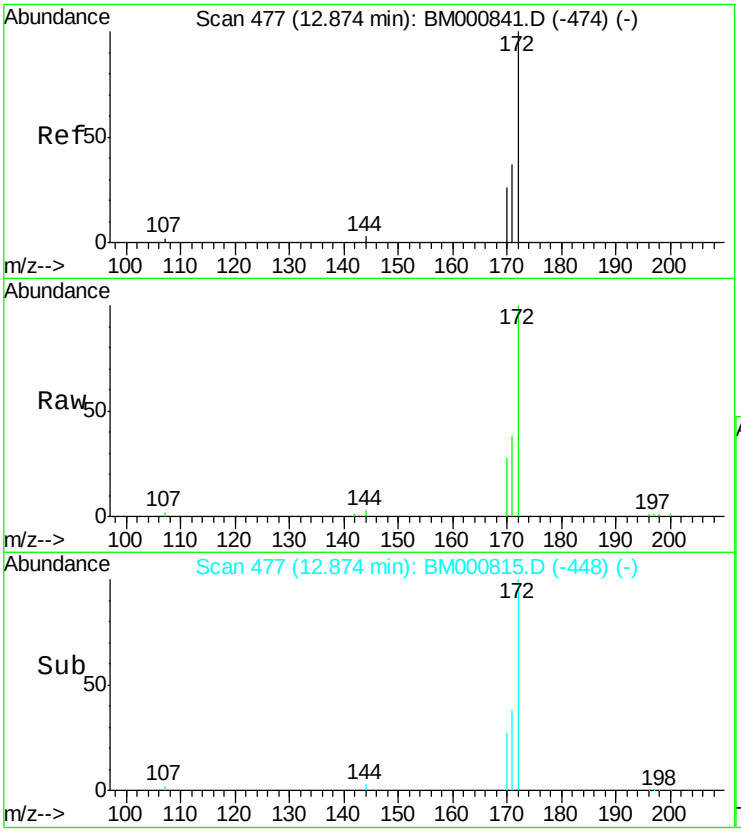


#22
2,4,5-Trichlorophenol
Concen: 1.19 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:196 Resp: 4179

Ion	Ratio	Lower	Upper
196	100		
198	72.4	57.9	86.9
97	0.0	0.0	0.0
132	0.0	0.0	0.0



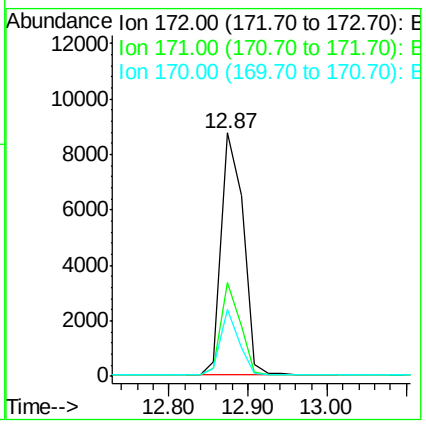


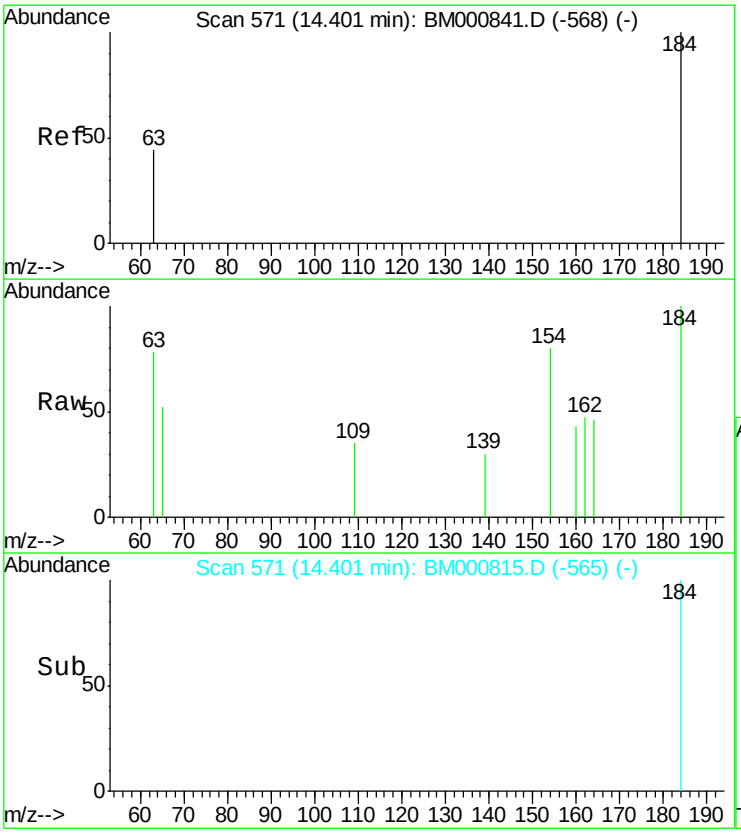
#23
2-Fluorobiphenyl
Concen: 1.02 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 16716

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.6	46.0
170	27.7	22.2	33.2

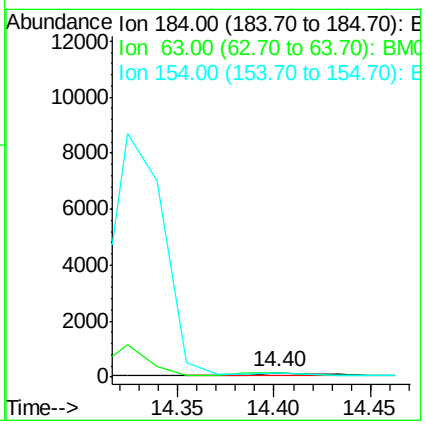


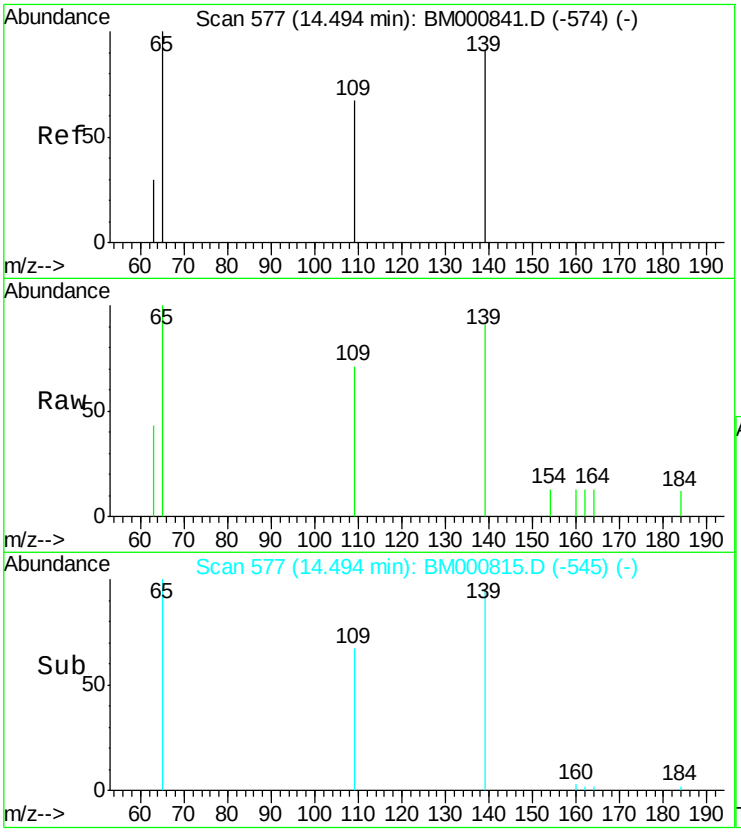


#24
2,4-Dinitrophenol
Concen: 0.45 ng
RT: 14.40 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:184 Resp: 240

Ion	Ratio	Lower	Upper
184	100		
63	78.4	62.7	94.1
154	79.5	63.6	95.4



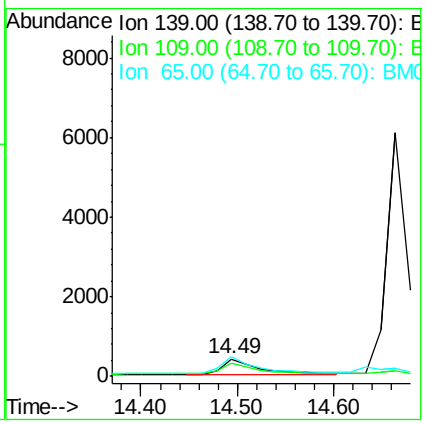


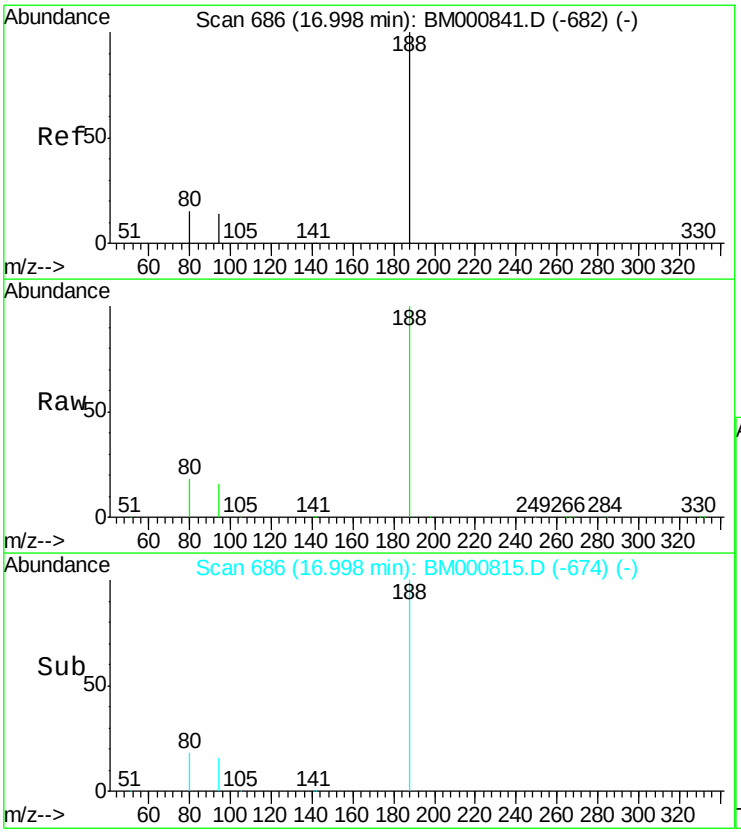
#25
4-Nitrophenol
Concen: 0.97 ng
RT: 14.49 min Scan# 577
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:139 Resp: 1009

Ion	Ratio	Lower	Upper
139	100		
109	78.2	58.2	98.2
65	110.4	90.4	130.4

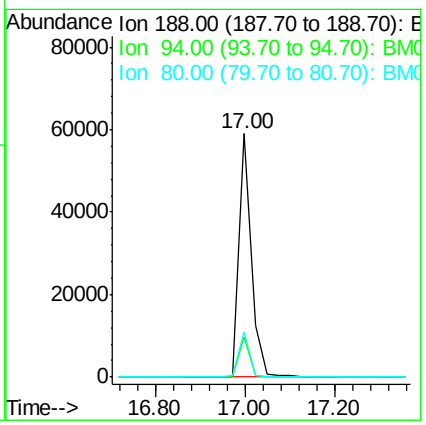


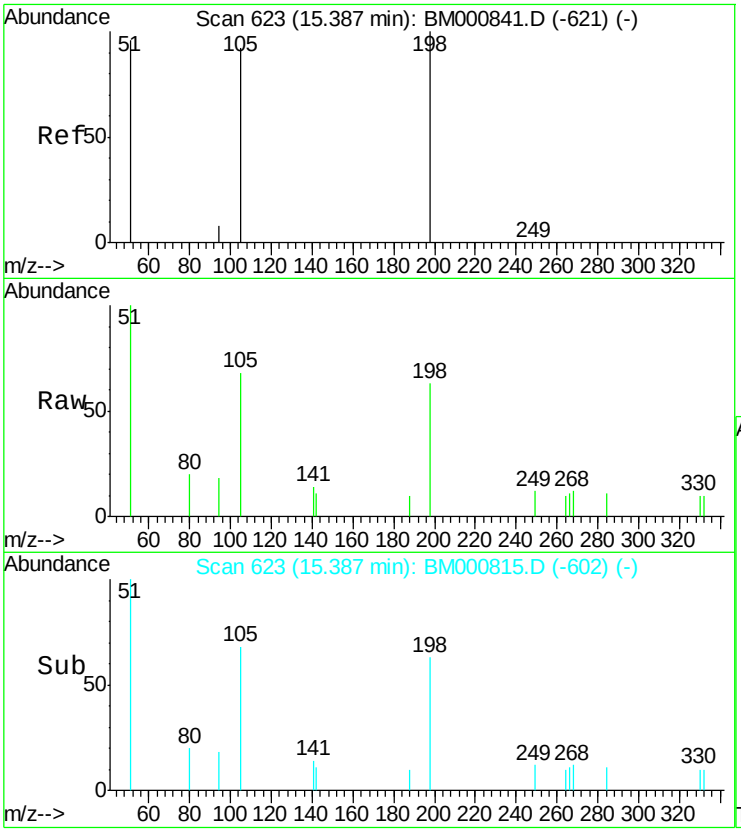


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:188 Resp: 112695

Ion	Ratio	Lower	Upper
188	100		
94	16.3	13.0	19.6
80	18.4	14.7	22.1



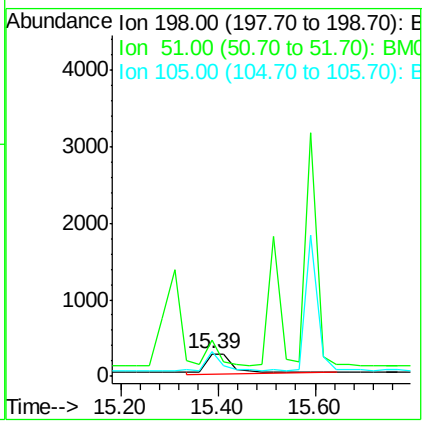


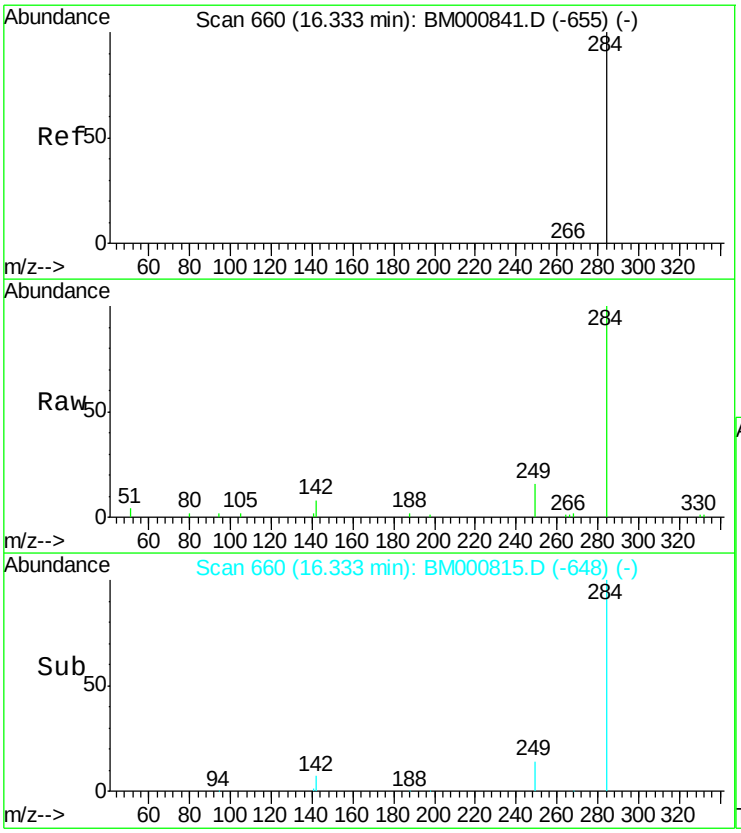
#27
4,6-Dinitro-2-methylphenol
Concen: 1.04 ng
RT: 15.39 min Scan# 623
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:198 Resp: 1043

Ion	Ratio	Lower	Upper
198	100		
51	159.3	139.3	179.3
105	108.8	88.8	128.8

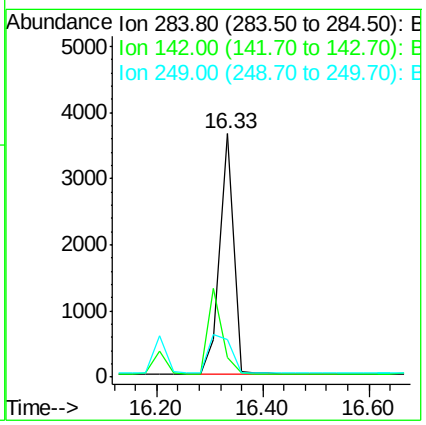


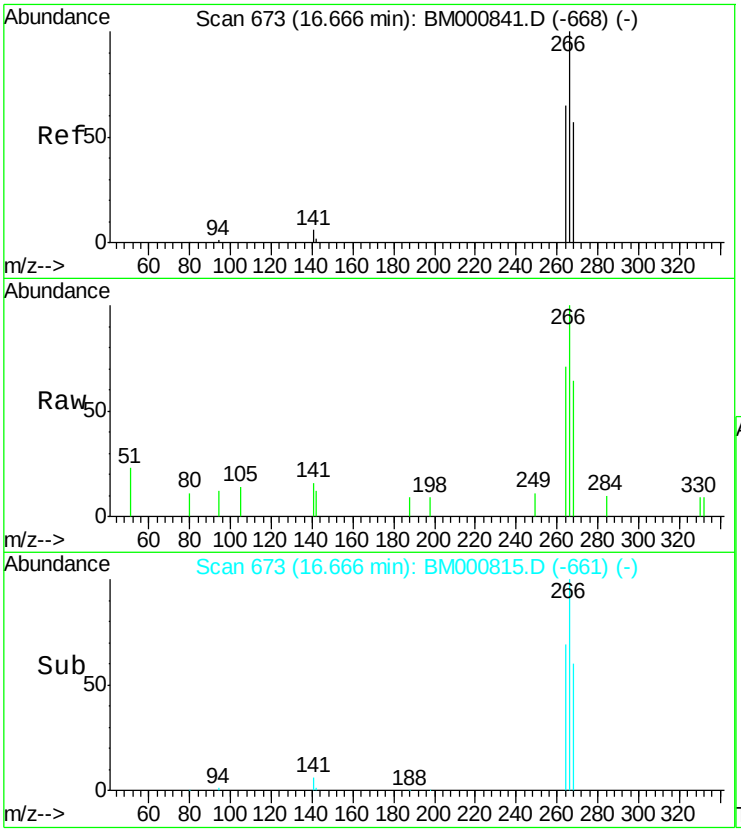


#28
Hexachlorobenzene
Concen: 1.02 ng
RT: 16.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:284 Resp: 6485

Ion	Ratio	Lower	Upper
284	100		
142	8.1	6.5	9.7
249	15.7	12.6	18.8



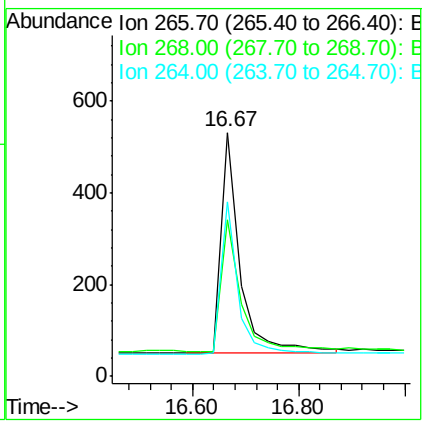


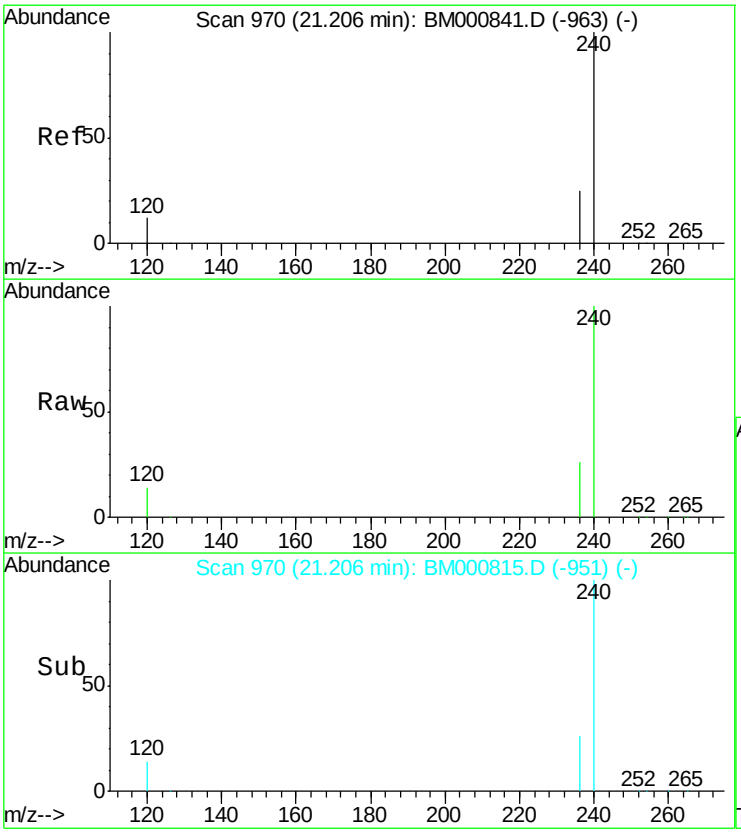
#29
Pentachlorophenol
Concen: 1.07 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:266 Resp: 1178

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.0
264	71.4	57.1	85.7

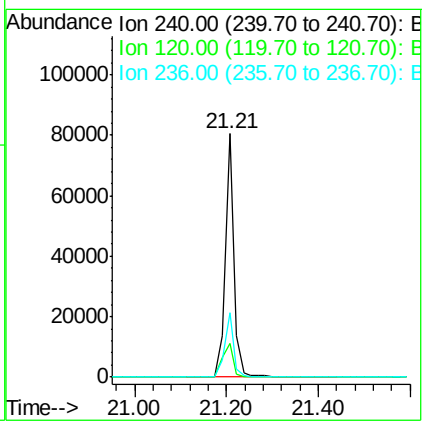


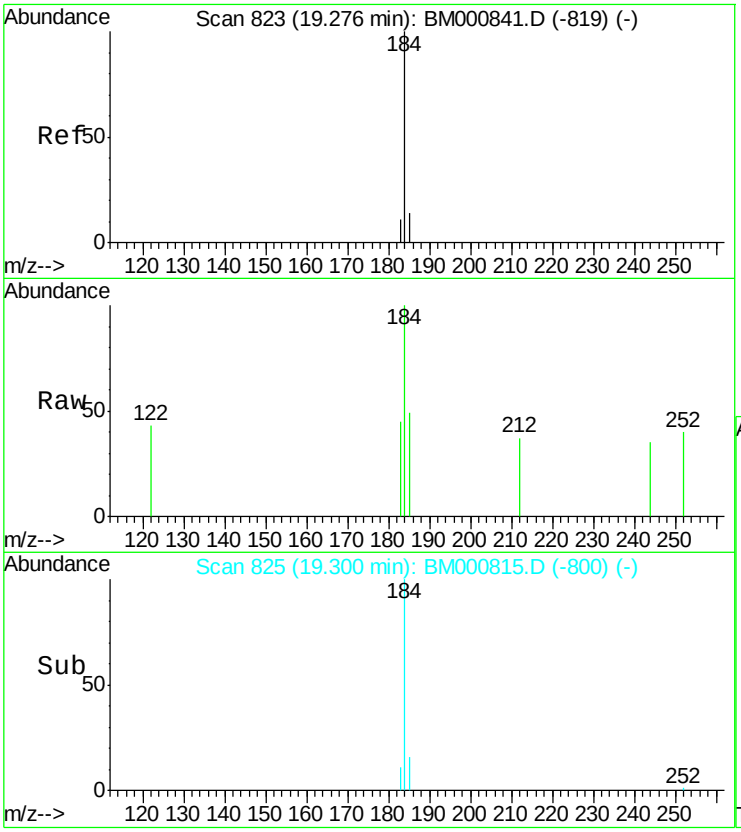


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:240 Resp: 103677

Ion	Ratio	Lower	Upper
240	100		
120	14.1	11.3	16.9
236	26.4	21.1	31.7



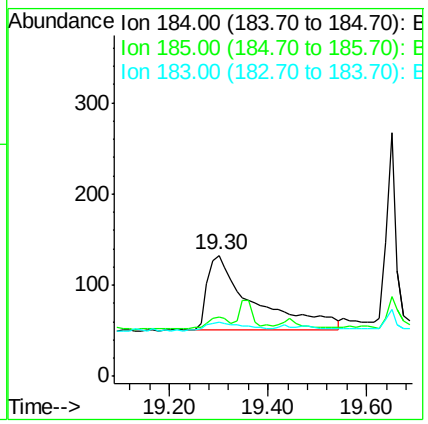


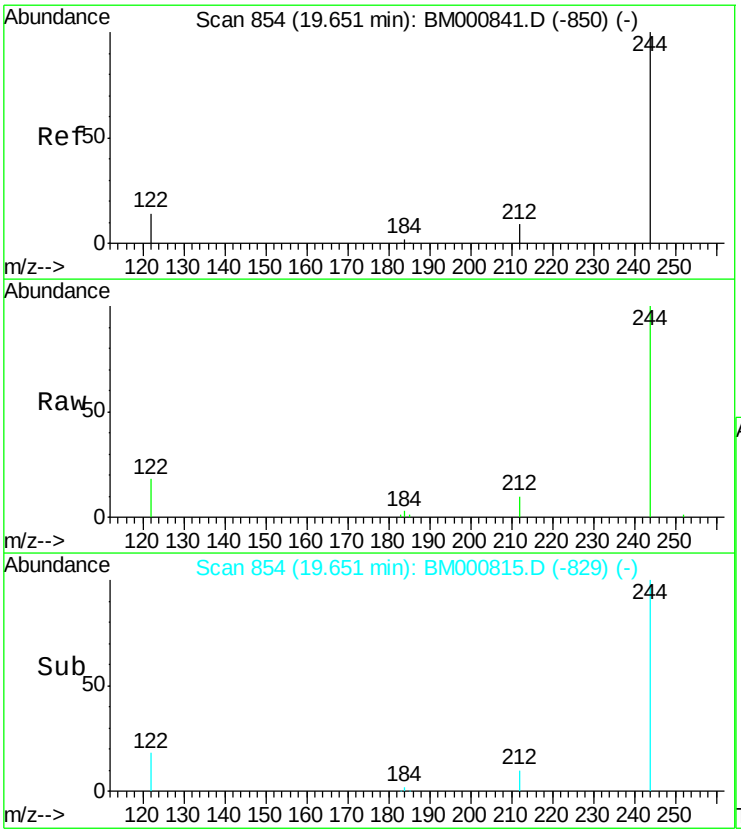
#31
Benzidine
Concen: 0.13 ng
RT: 19.30 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:184 Resp: 528

Ion	Ratio	Lower	Upper
184	100		
185	48.9	39.1	58.7
183	45.1	36.1	54.1

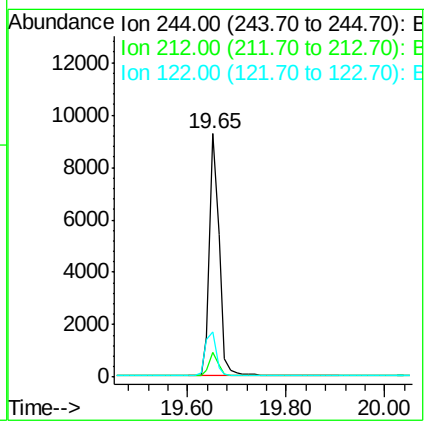


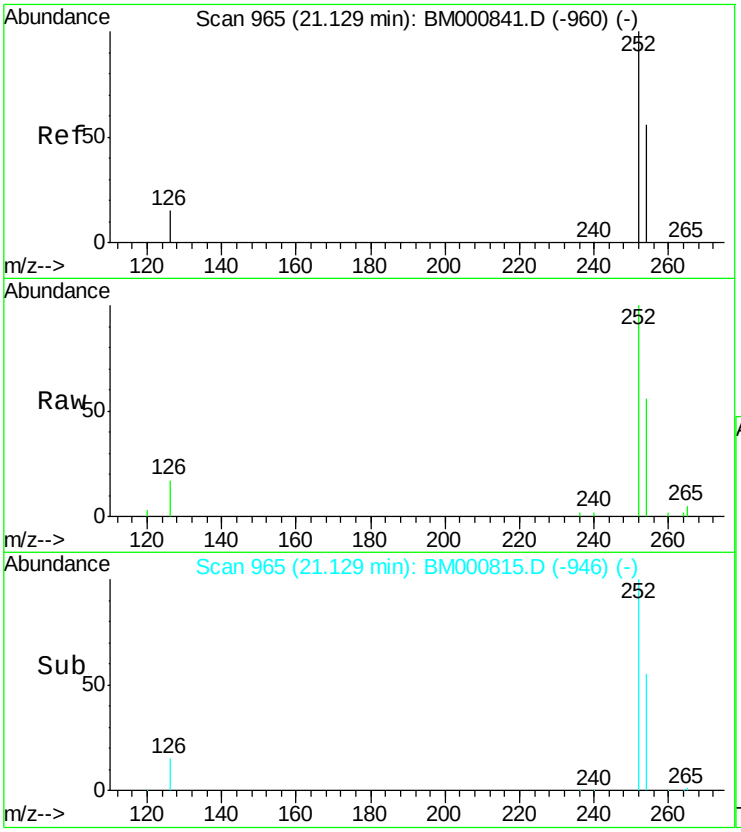


#32
Terphenyl-d14
Concen: 1.02 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:244 Resp: 12775

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.0	12.0
122	18.4	14.7	22.1



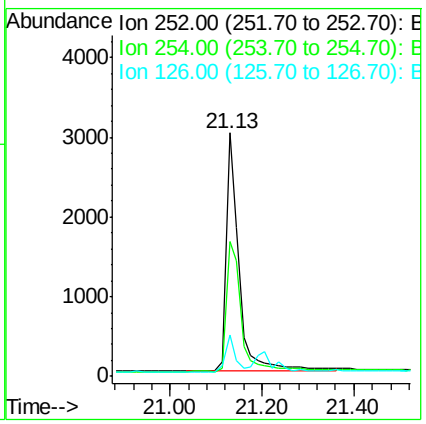


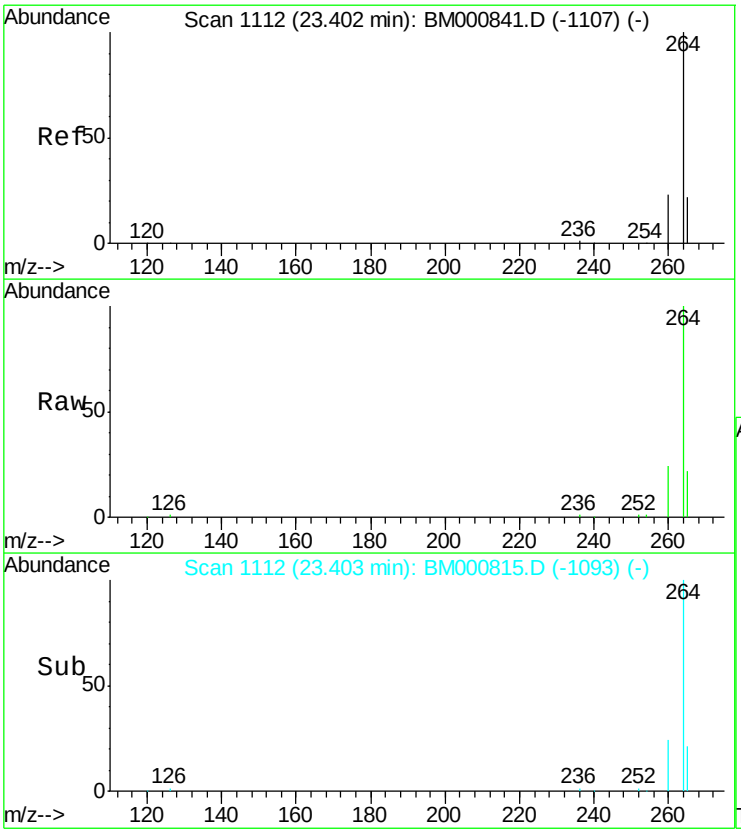
#33
3,3'-Dichlorobenzidine
Concen: 0.84 ng
RT: 21.13 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM000815.D
Acq: 02 Apr 2015 20:21

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 5845

Ion	Ratio	Lower	Upper
252	100		
254	55.6	44.5	66.7
126	17.0	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: BM000815.D
Acq: 02 Apr 2015 20:21

Tgt Ion:264 Resp: 93220

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.9	17.5	26.3