Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000812.D
Acq On : 02 Apr 2015 18:33
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Quant Time: Apr 03 18:12:14 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	27731	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	124414	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	60995	5.00	ng		0.00
26) Phenanthrene-d10	17.01	188	154066	5.00	ng		0.00
30) Chrysene-d12	21.20	240	114421	5.00	ng		0.00
34) Perylene-d12	23.40	264	108550	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1279	0.17	ng		0.00
5) Phenol-d6	6.77	99	1377	0.13	ng		0.00
12) Nitrobenzene-d5	8.77	82	1067	0.18	ng		0.00
20) 2,4,6-Tribromophenol	15.78	330	221	0.12	ng		0.00
23) 2-Fluorobiphenyl	12.89	172	3366	0.18	ng		0.02
32) Terphenyl-d14	19.66	244	2419	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1047	0.25	ng	#	77
3) n-Nitrosodimethylamine	3.46	42	550	0.16	ng	#	14
6) 2-Chlorophenol	7.17	128	1124	0.15	ng	#	60
7) Phenol	6.81	94	1862	0.16	ng		74
8) bis(2-Chloroethyl)ether	7.02	93	1244m	0.16	ng		
9) 2-Methylphenol	8.06	107	1231	0.15	ng	#	80
10) 3+4-Methylphenols	8.38	107	1208	0.14	ng	#	74
13) Nitrobenzene	8.80	77	1210	0.18	ng	#	70
14) 2-Nitrophenol	9.52	139	456	0.15	ng	#	47
15) 2,4-Dimethylphenol	9.58	122	1118	0.16	ng	#	81
16) 2,4-Dichlorophenol	10.07	162	920	0.15	ng		82
17) Hexachlorobutadiene	10.75	225	874	0.18	ng		96
18) 4-Chloro-3-methylphenol	11.69	107	996	0.16	ng		94
21) 2,4,6-Trichlorophenol	12.70	196	473	0.14	ng	#	57
22) 2,4,5-Trichlorophenol	12.77	196	645	0.16	ng	#	79
25) 4-Nitrophenol	14.54	139	92	0.08	ng		88
27) 4,6-Dinitro-2-methylphenol	15.42	198	107	0.08	ng		87
28) Hexachlorobenzene	16.32	284	1082	0.12	ng	#	1
29) Pentachlorophenol	16.67	266	75	0.05	ng	#	75
31) Benzidine	19.31	184	484	0.10	ng		99
33) 3,3'-Dichlorobenzidine	21.14	252	1266	0.16	ng		88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000812.D
Acq On : 02 Apr 2015 18:33
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 03 18:12:14 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
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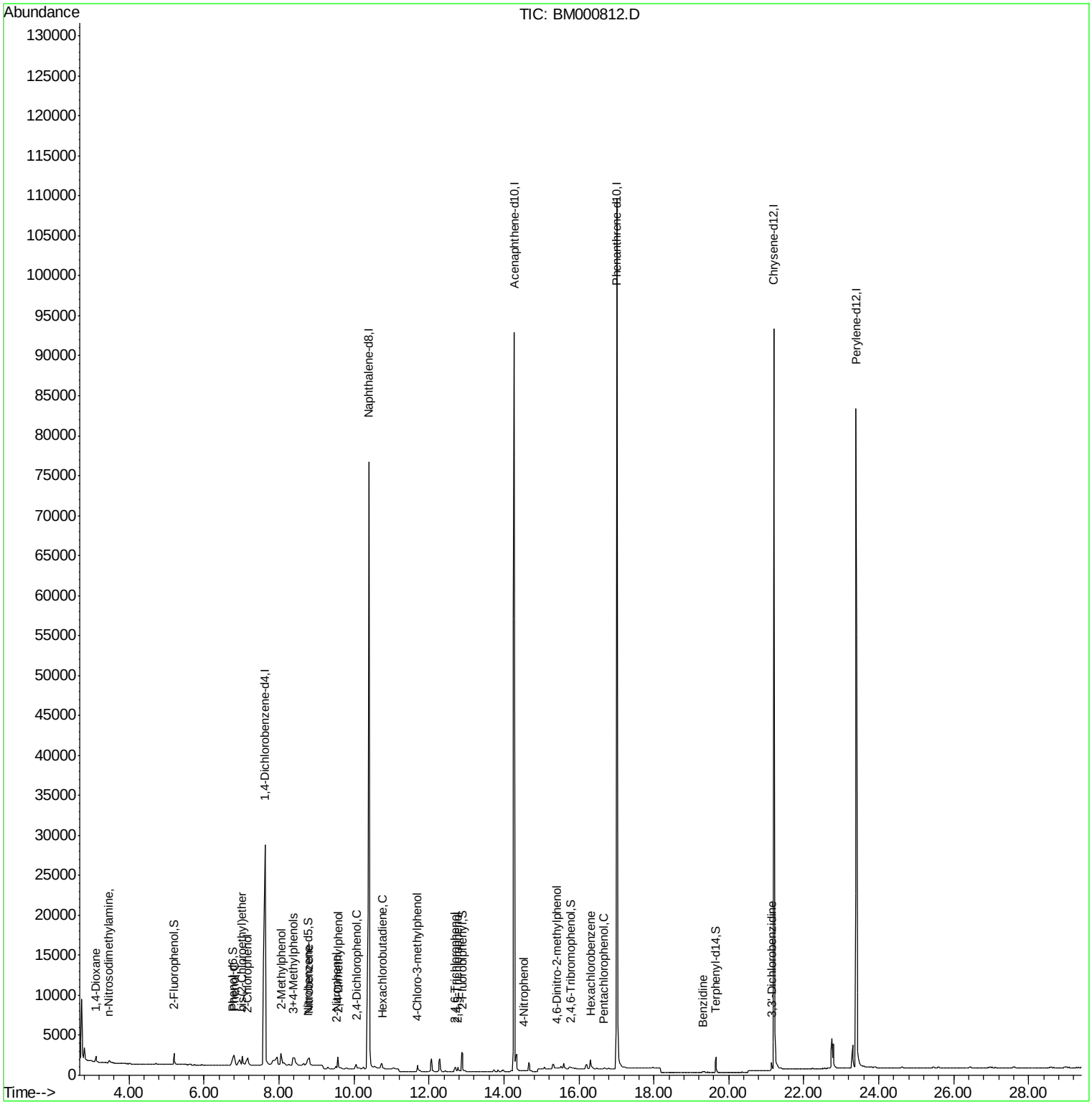
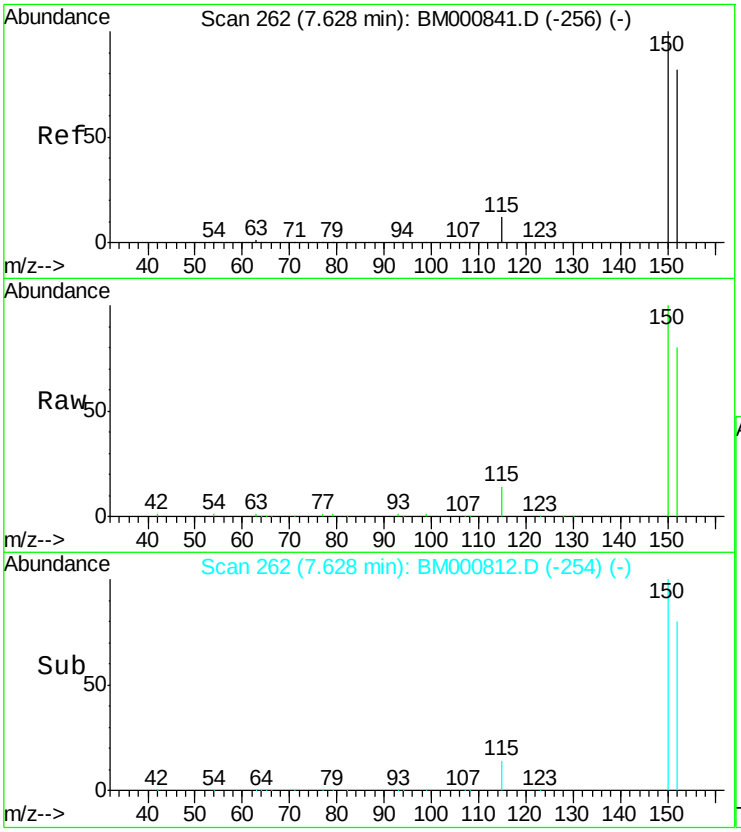


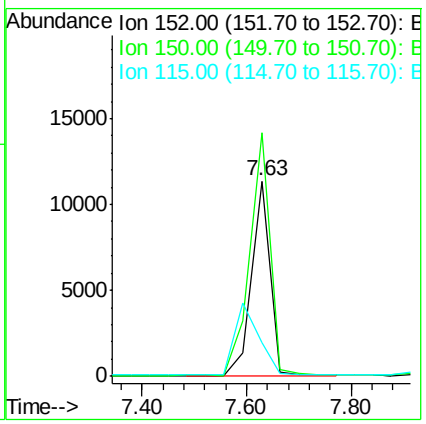


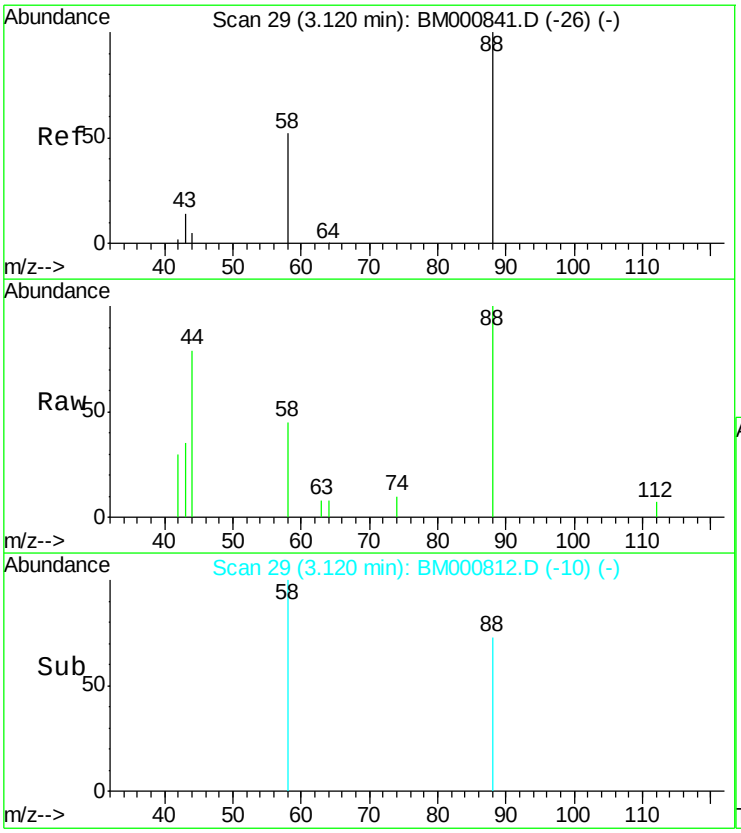
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 27731

Ion	Ratio	Lower	Upper
152	100		
150	124.6	99.8	149.6
115	17.6	13.5	20.3

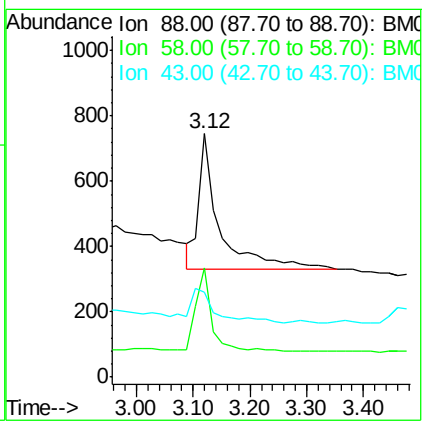


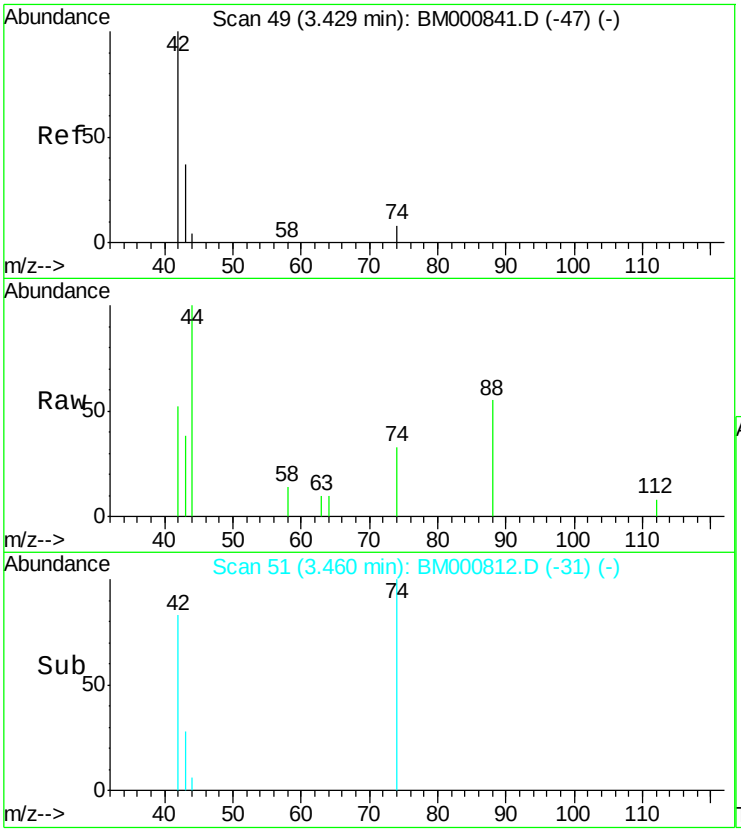


#2
1,4-Dioxane
Concen: 0.25 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion: 88 Resp: 1047

Ion	Ratio	Lower	Upper
88	100		
58	46.0	57.0	85.4#
43	31.0	29.2	43.8



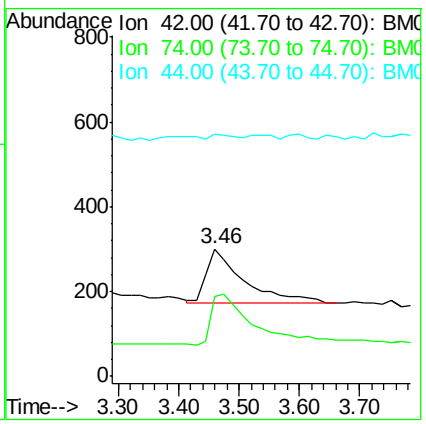


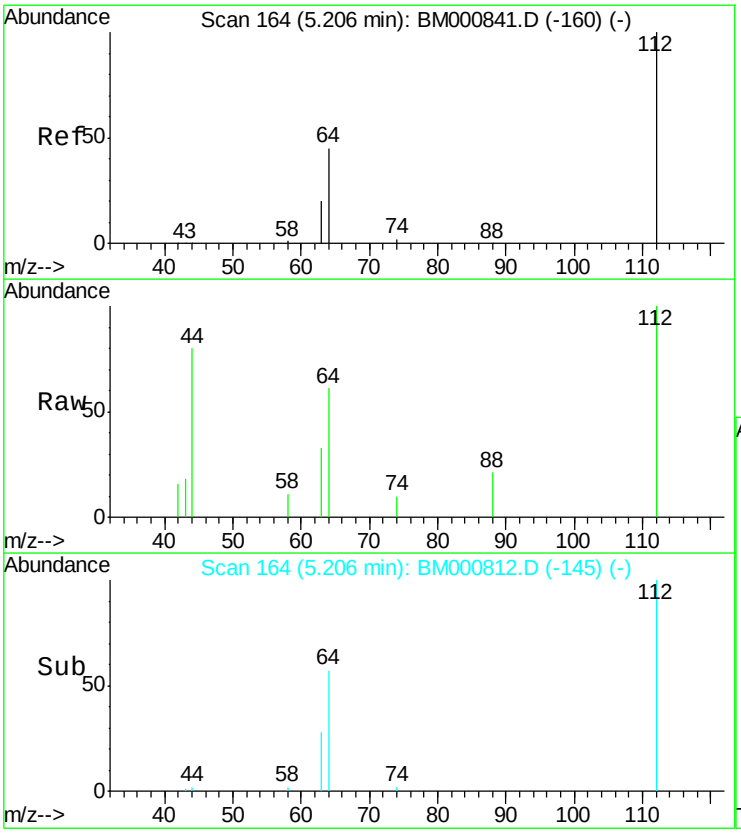
#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.46 min Scan# 51
Delta R.T. 0.02 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 550

Ion	Ratio	Lower	Upper
42	100		
74	62.3	93.1	139.7#
44	191.0	56.6	85.0#

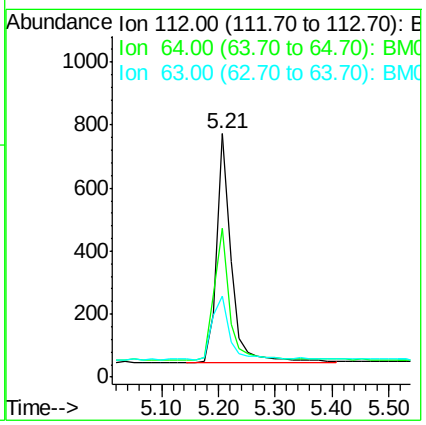


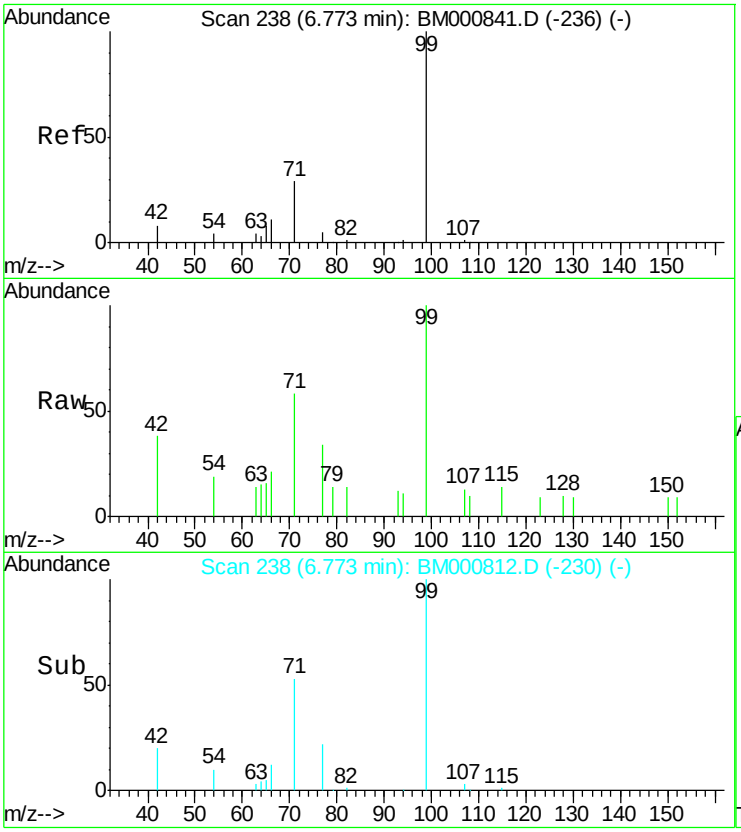


#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:112 Resp: 1279

Ion	Ratio	Lower	Upper
112	100		
64	61.1	40.3	60.5#
63	33.4	19.0	28.4#



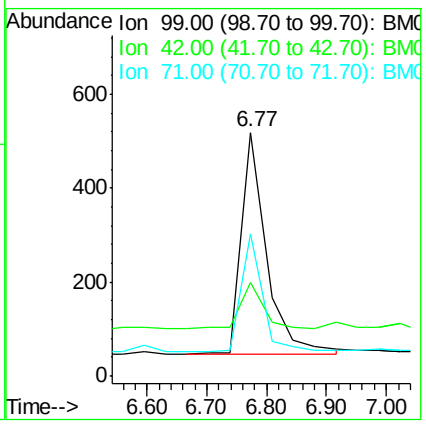


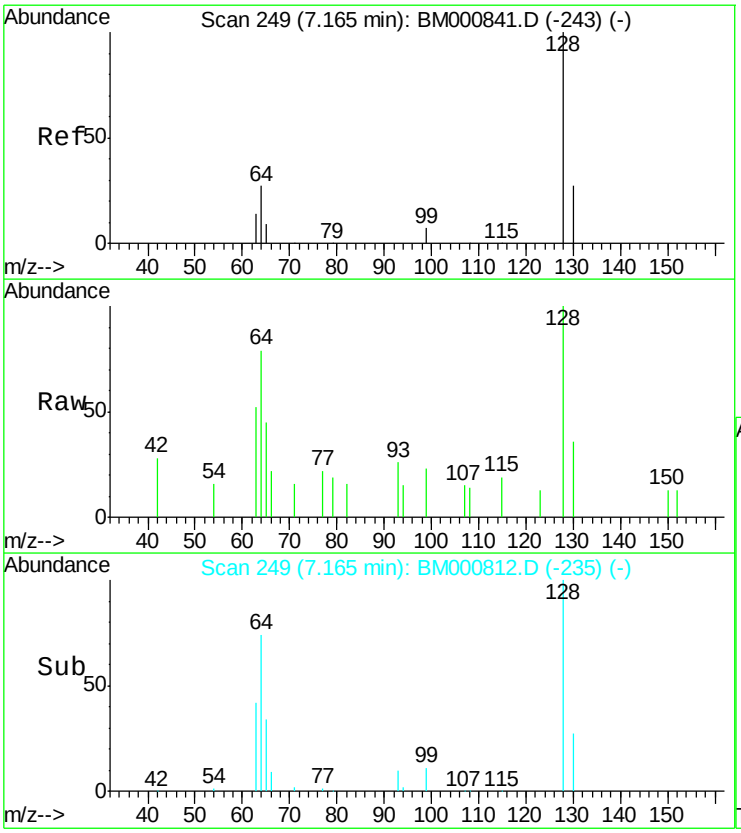
#5
Phenol-d6
Concen: 0.13 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1377

Ion	Ratio	Lower	Upper
99	100		
42	38.4	10.2	15.4#
71	58.5	28.6	43.0#

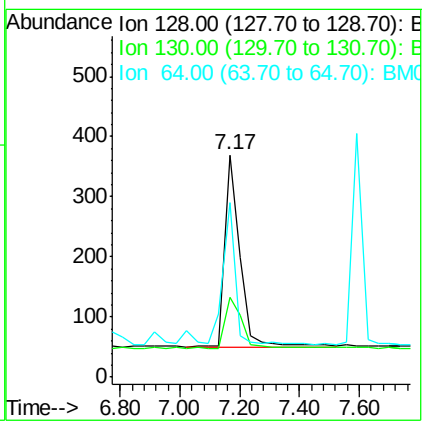


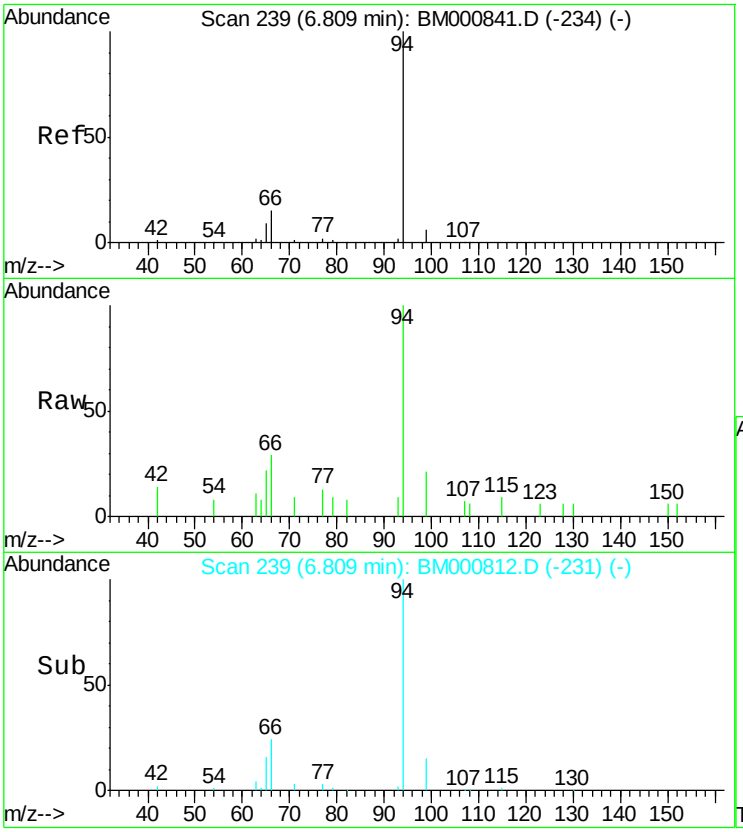


#6
2-Chlorophenol
Concen: 0.15 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:128 Resp: 1124

Ion	Ratio	Lower	Upper
128	100		
130	35.9	7.6	47.6
64	78.6	23.1	63.1#



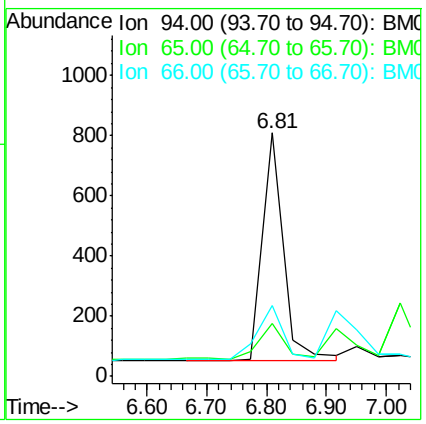


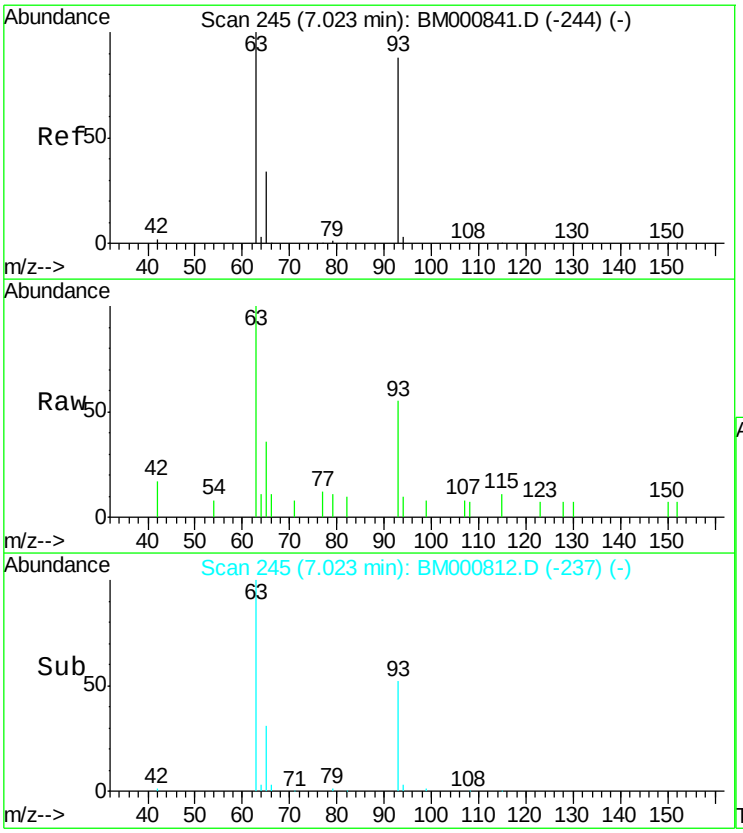
#7
Phenol
Concen: 0.16 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 94 Resp: 1862

Ion	Ratio	Lower	Upper
94	100		
65	22.0	0.0	32.0
66	28.9	0.0	37.6

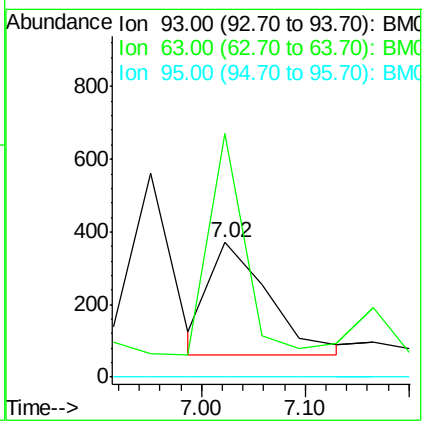


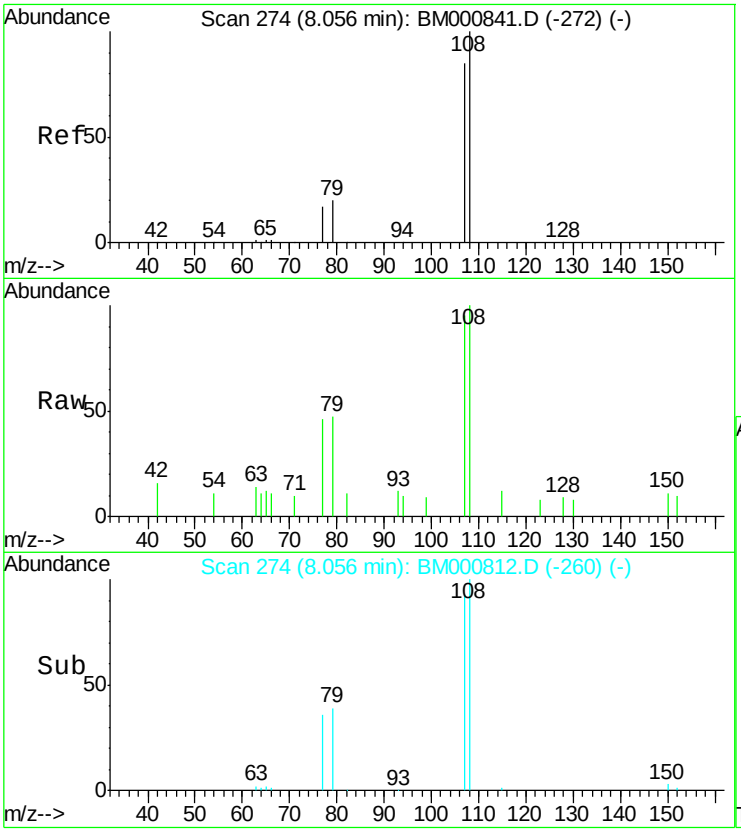


#8
bis(2-Chloroethyl)ether
Concen: 0.16 ng m
RT: 7.02 min Scan# 245
Delta R.T. 0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion: 93 Resp: 1244

Ion	Ratio	Lower	Upper
93	100		
63	181.4	118.9	158.9#
95	0.0	0.0	20.0



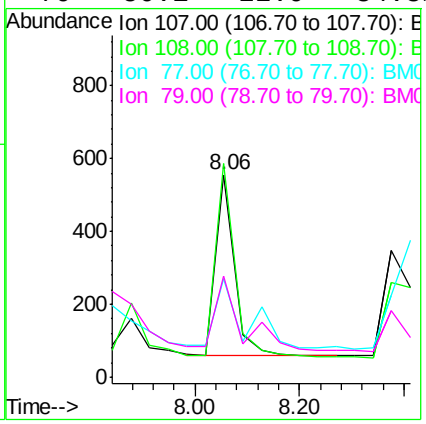


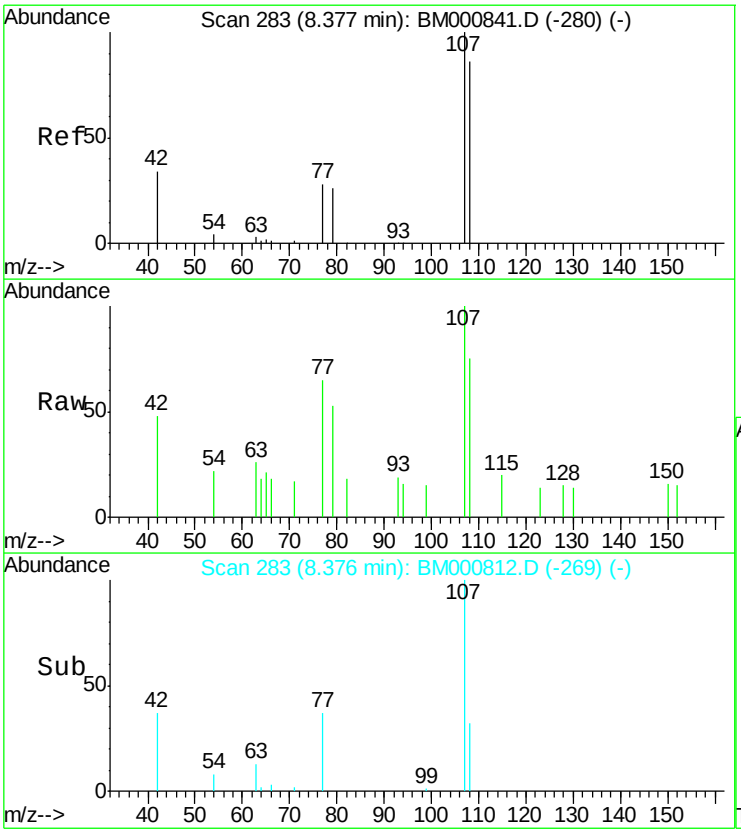
#9
2-Methylphenol
Concen: 0.15 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:107 Resp: 1231

Ion	Ratio	Lower	Upper
107	100		
108	105.6	92.0	138.0
77	48.8	20.6	31.0#
79	50.1	22.9	34.3#

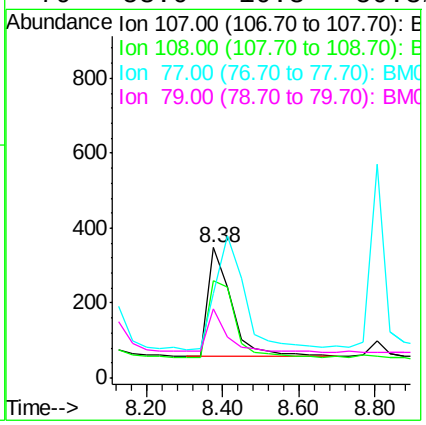


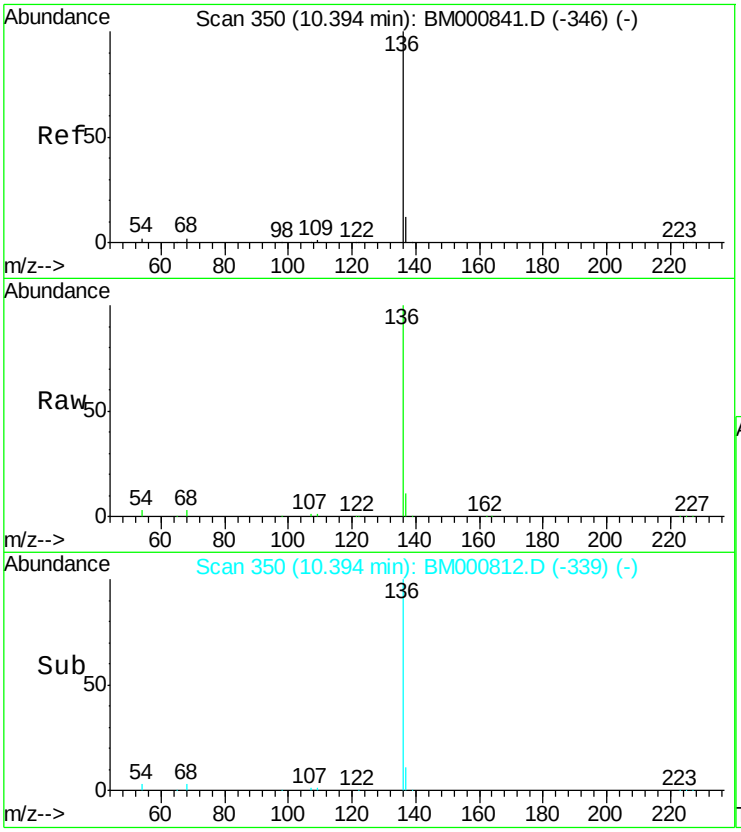


#10
3+4-Methylphenols
Concen: 0.14 ng
RT: 8.38 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:107 Resp: 1208

Ion	Ratio	Lower	Upper
107	100		
108	75.2	62.6	102.6
77	64.6	12.8	52.8#
79	53.0	10.3	50.3#



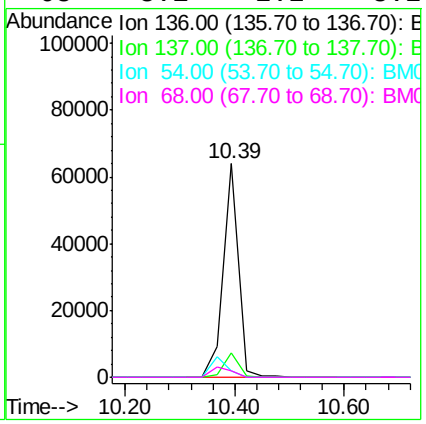


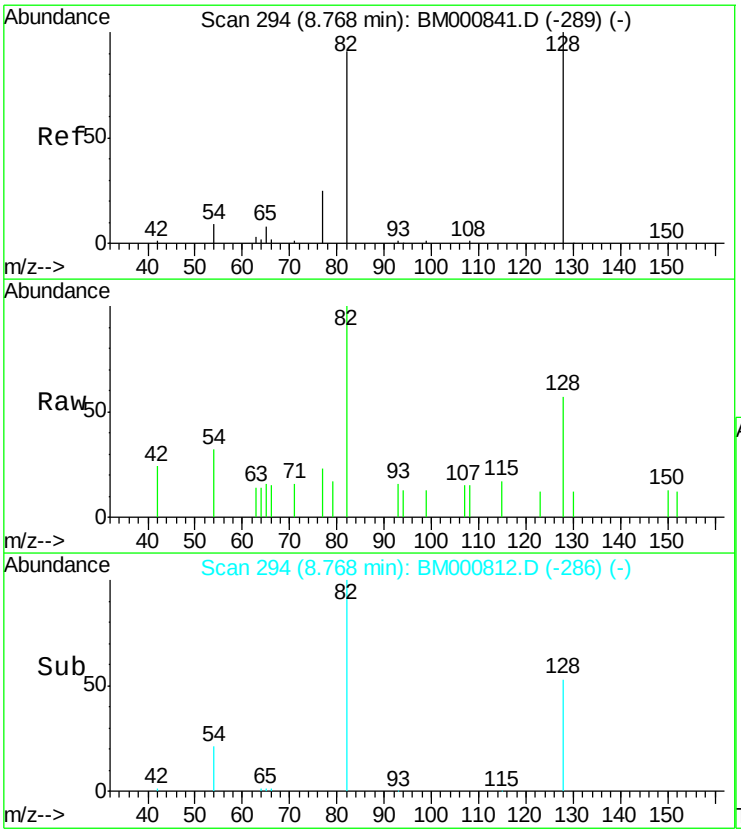
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 124414

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	3.2	2.2	3.4
68	3.1	2.2	3.2

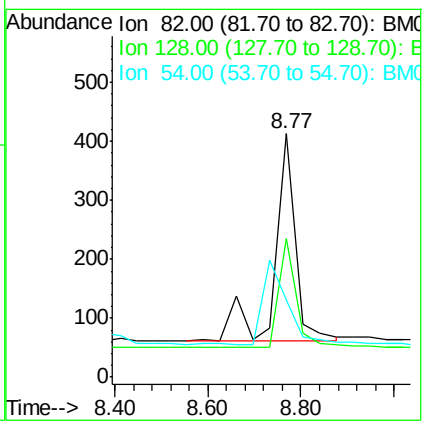


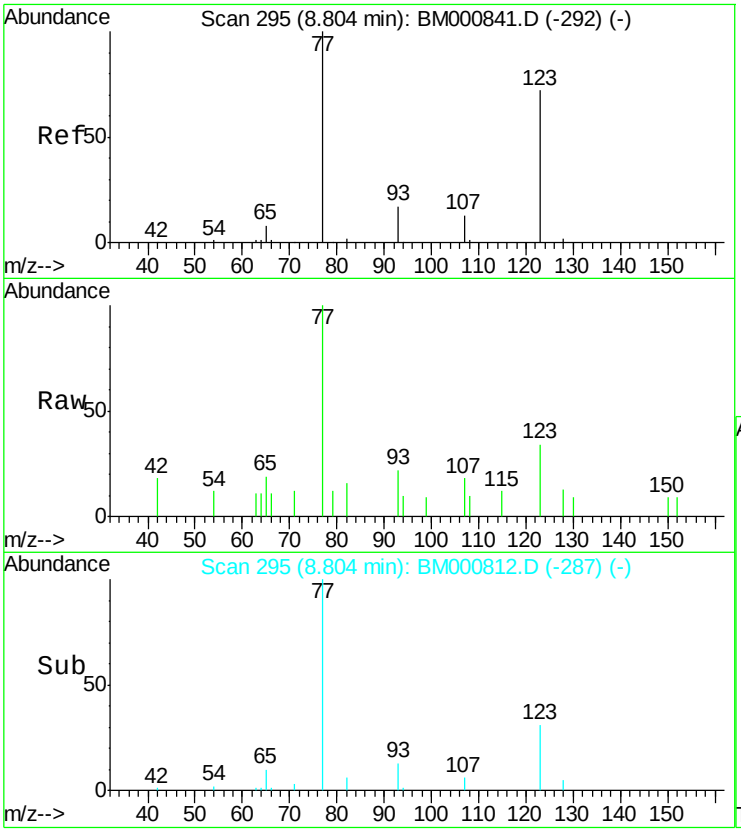


#12
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion: 82 Resp: 1067

Ion	Ratio	Lower	Upper
82	100		
128	57.1	72.5	108.7#
54	32.0	11.8	17.8#



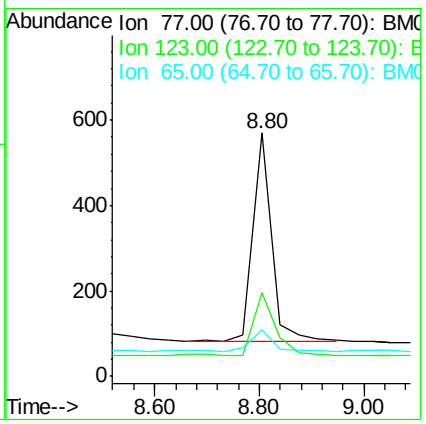


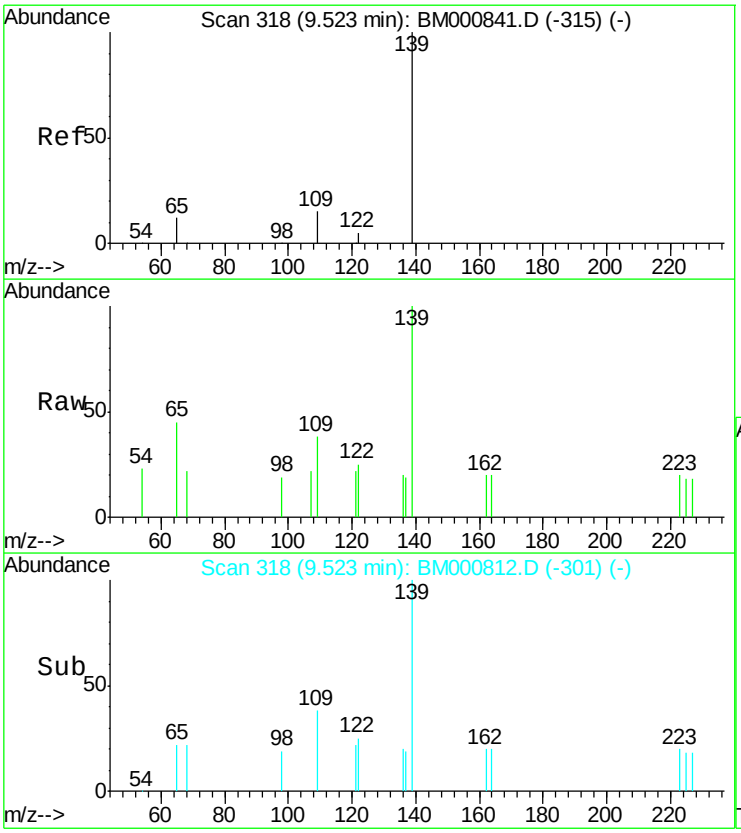
#13
Nitrobenzene
Concen: 0.18 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 1210

Ion	Ratio	Lower	Upper
77	100		
123	34.4	45.8	68.6#
65	18.9	8.2	12.4#

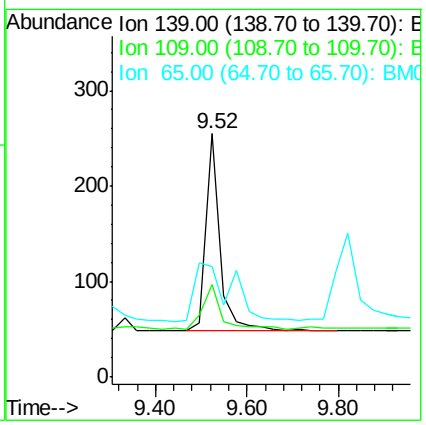


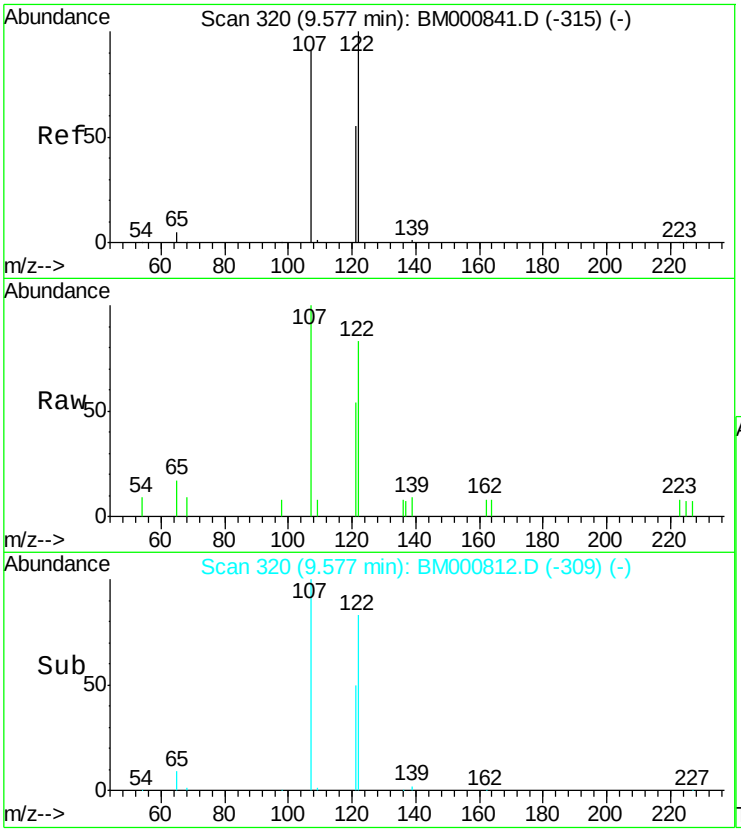


#14
2-Nitrophenol
Concen: 0.15 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:139 Resp: 456

Ion	Ratio	Lower	Upper
139	100		
109	38.0	15.0	22.6#
65	45.5	14.2	21.4#



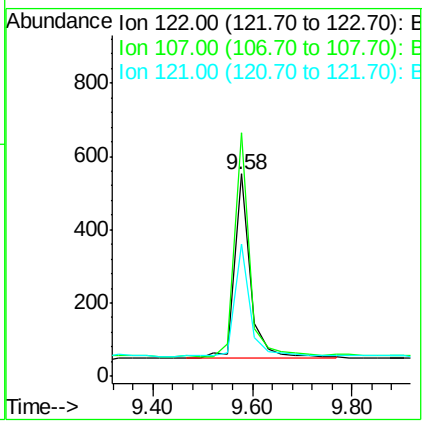


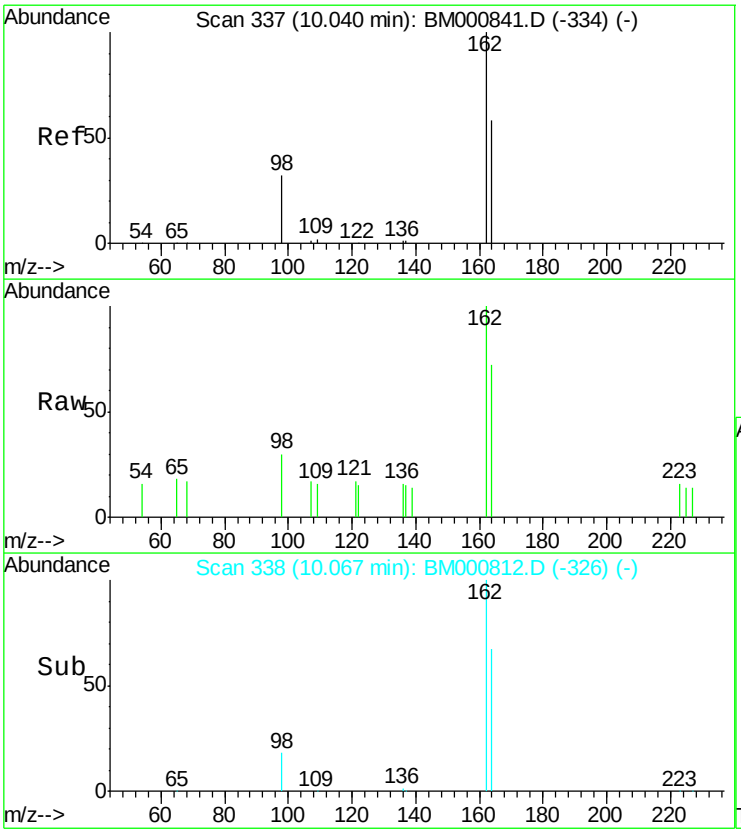
#15
2,4-Dimethylphenol
Concen: 0.16 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:122 Resp: 1118

Ion	Ratio	Lower	Upper
122	100		
107	120.3	78.2	117.4#
121	65.4	45.4	68.0

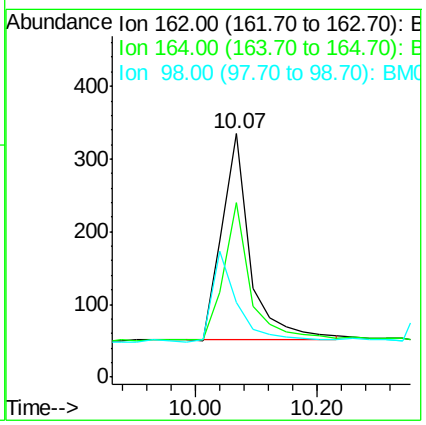


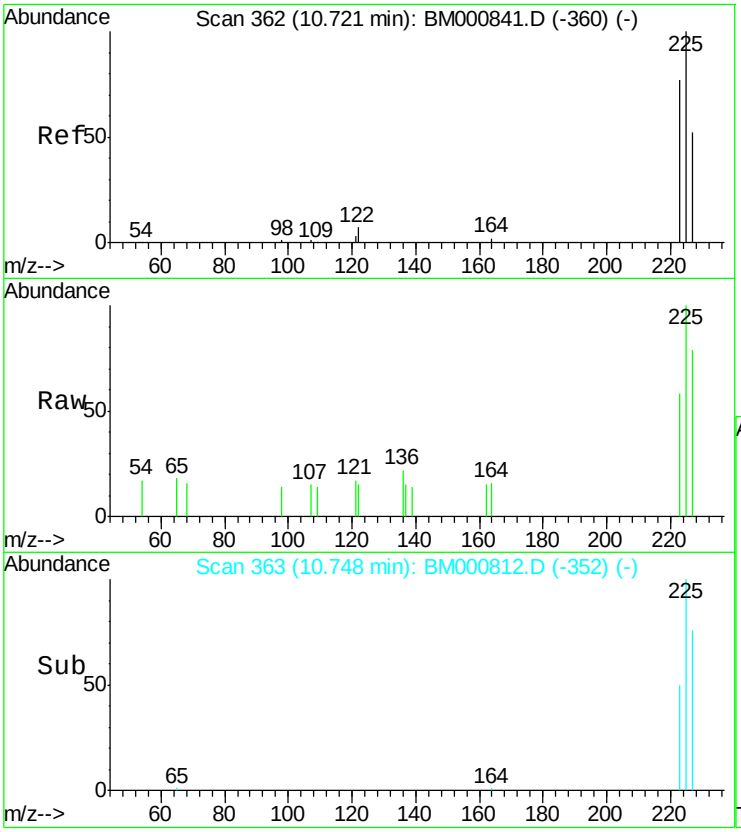


#16
2,4-Dichlorophenol
Concen: 0.15 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:162 Resp: 920

Ion	Ratio	Lower	Upper
162	100		
164	71.9	37.1	77.1
98	30.4	19.5	59.5

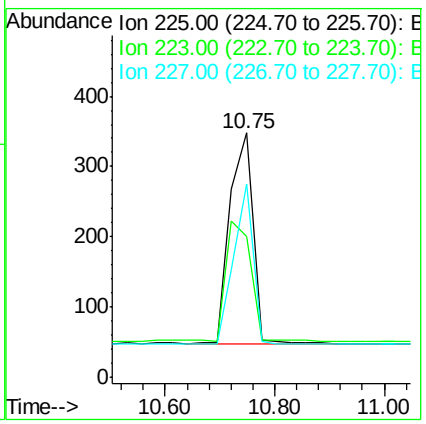




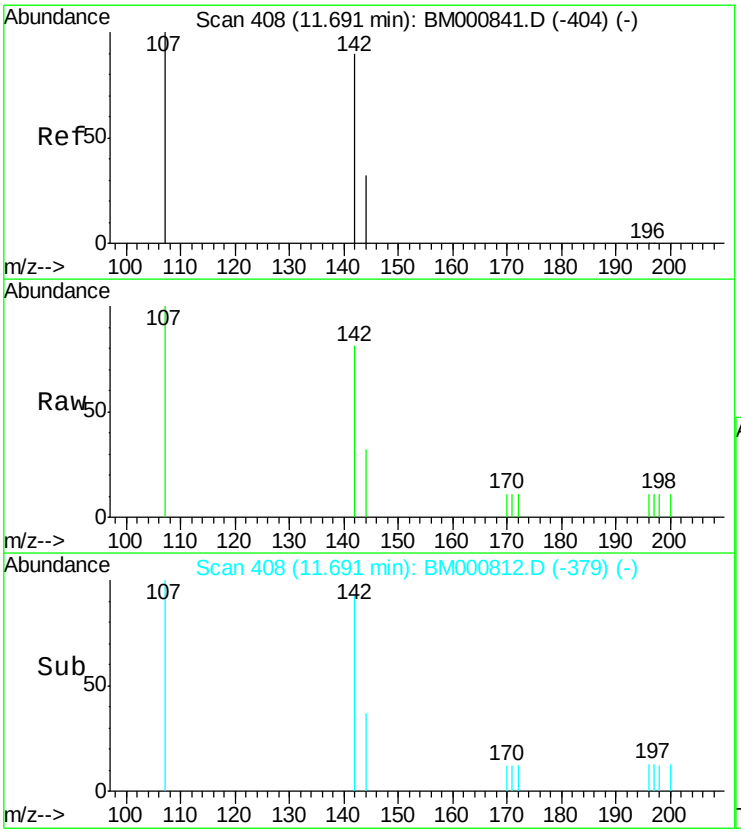
#17
Hexachlorobutadiene
Concen: 0.18 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:225 Resp: 874

Ion	Ratio	Lower	Upper
225	100		
223	57.8	40.8	61.2
227	79.0	62.8	94.2



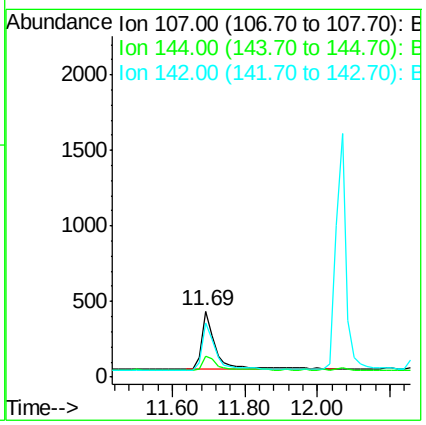
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

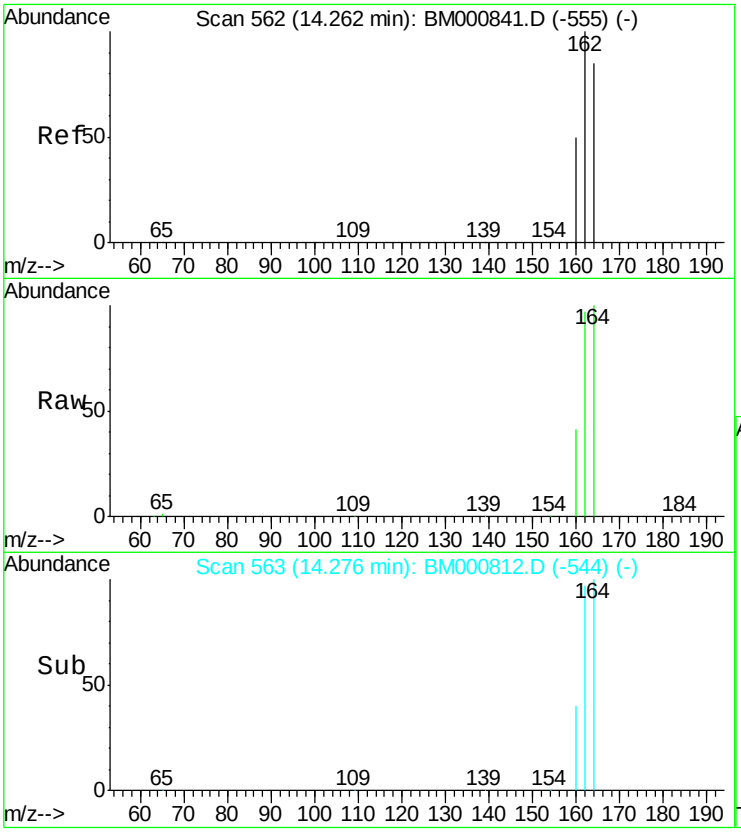


#18
4-Chloro-3-methylphenol
Concen: 0.16 ng
RT: 11.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:107 Resp: 996

Ion	Ratio	Lower	Upper
107	100		
144	32.5	25.8	38.8
142	81.2	71.3	106.9



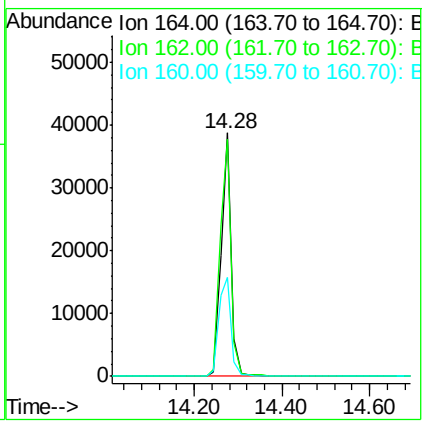


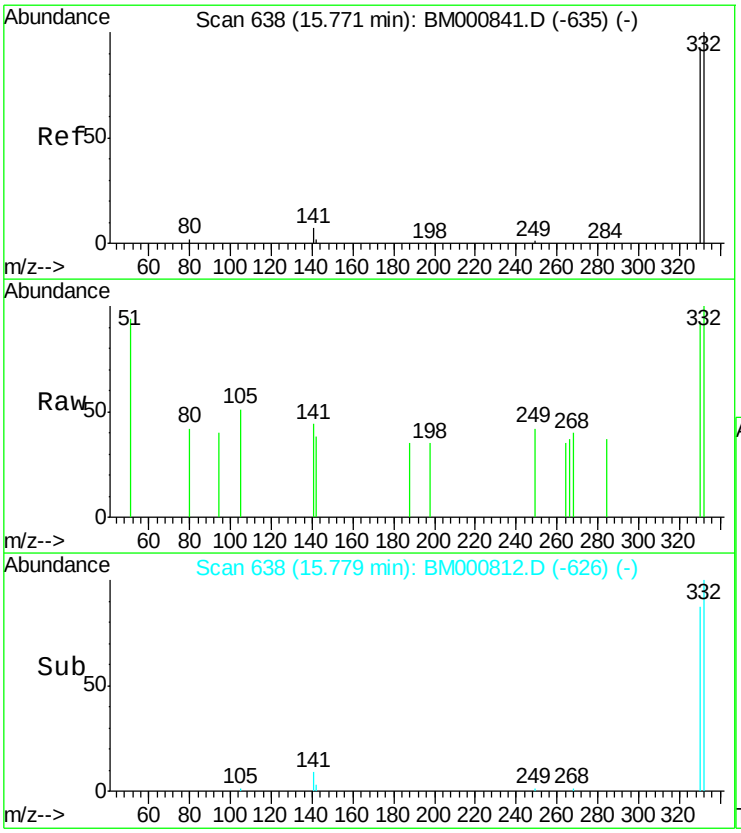
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 60995

Ion	Ratio	Lower	Upper
164	100		
162	97.3	74.2	111.2
160	40.5	30.4	45.6

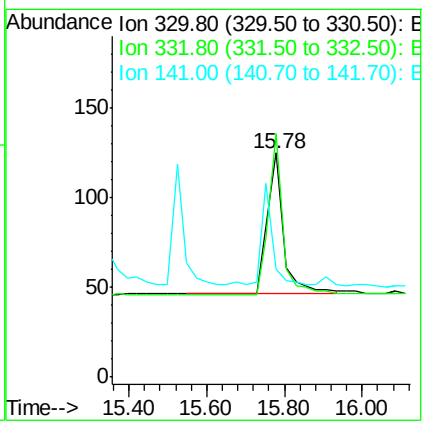


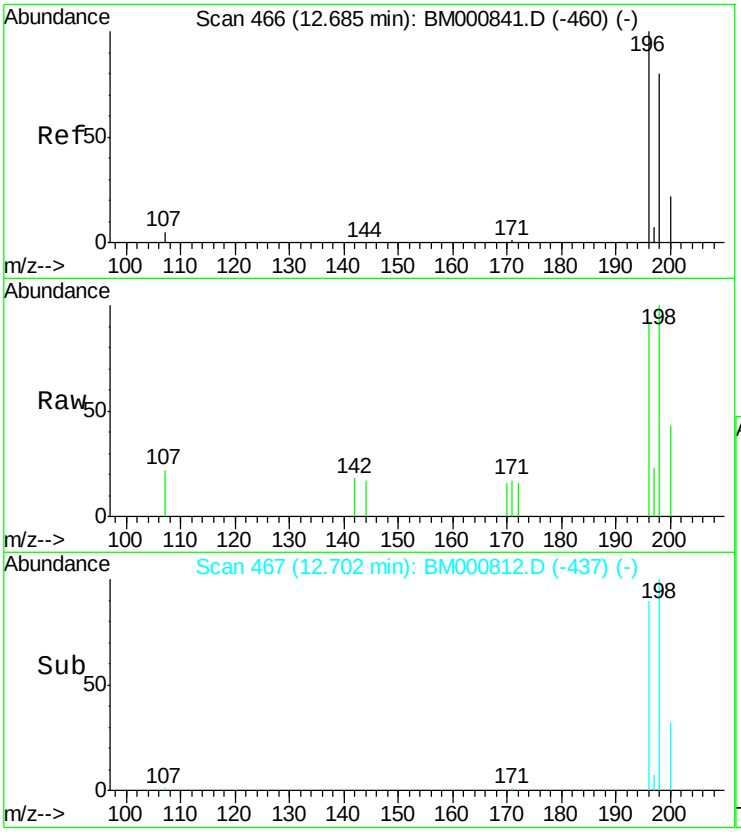


#20
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.78 min Scan# 638
Delta R.T. 0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:330 Resp: 221

Ion	Ratio	Lower	Upper
330	100		
332	103.6	78.7	118.1
141	0.0	0.0	0.0



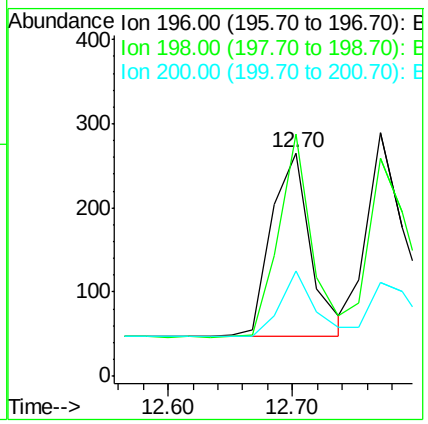


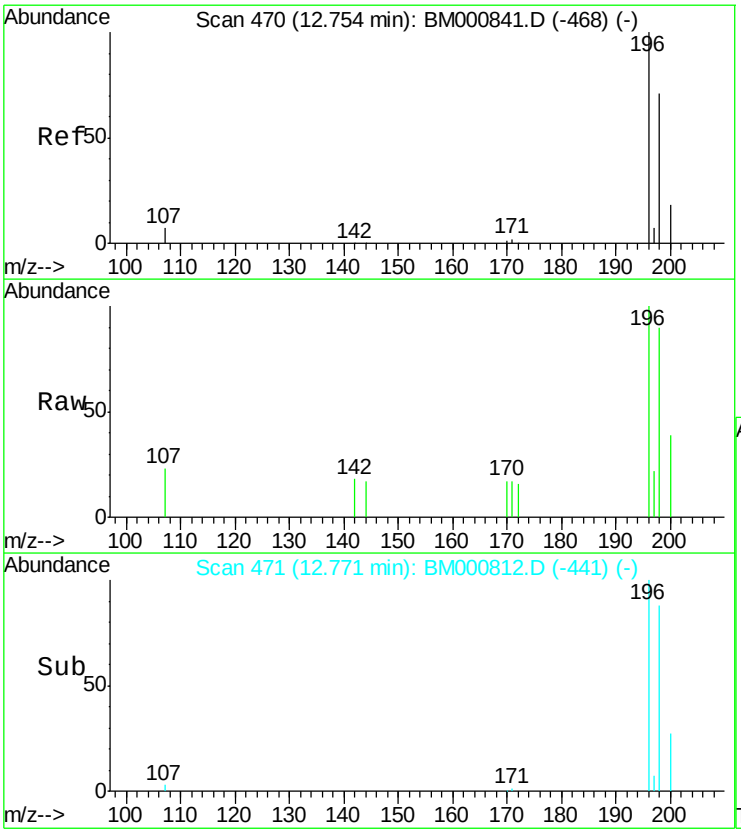
#21
2,4,6-Trichlorophenol
Concen: 0.14 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:196 Resp: 473

Ion	Ratio	Lower	Upper
196	100		
198	108.7	59.5	89.3#
200	47.2	17.4	26.0#

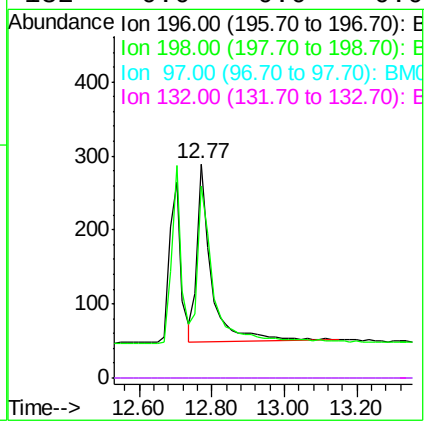


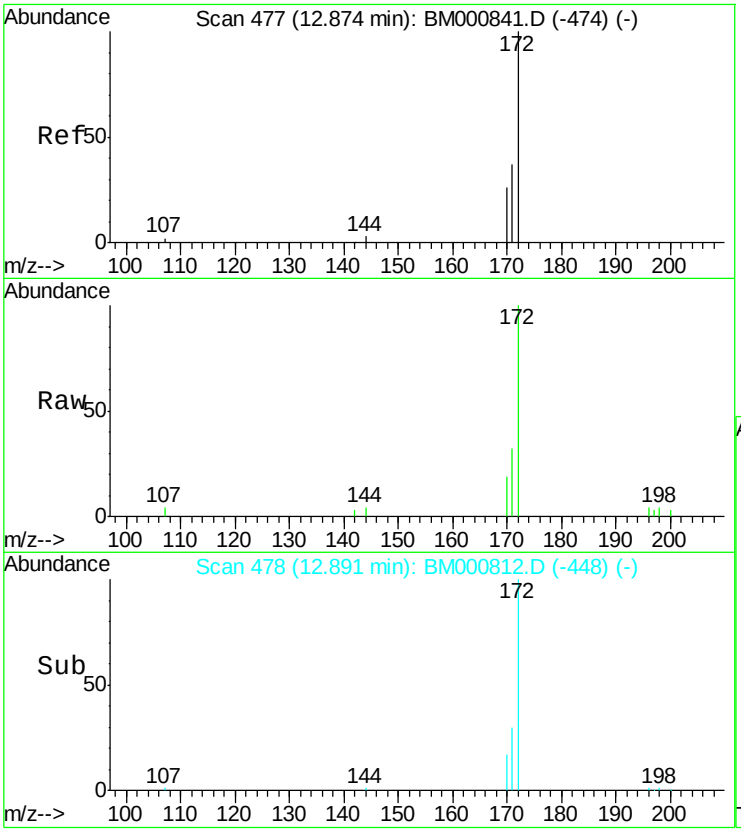


#22
2,4,5-Trichlorophenol
Concen: 0.16 ng
RT: 12.77 min Scan# 471
Delta R.T. 0.02 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:196 Resp: 645

Ion	Ratio	Lower	Upper
196	100		
198	89.6	57.9	86.9#
97	0.0	0.0	0.0
132	0.0	0.0	0.0



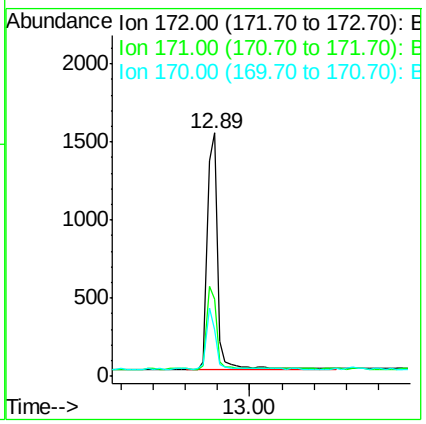


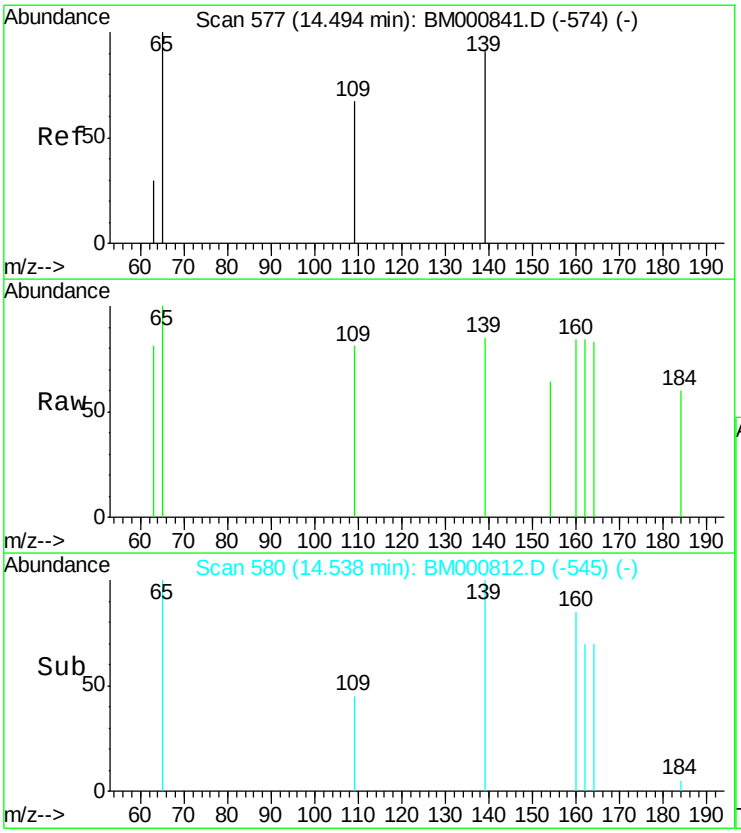
#23
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.89 min Scan# 478
Delta R.T. 0.02 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3366

Ion	Ratio	Lower	Upper
172	100		
171	31.8	30.6	46.0
170	19.3	22.2	33.2#

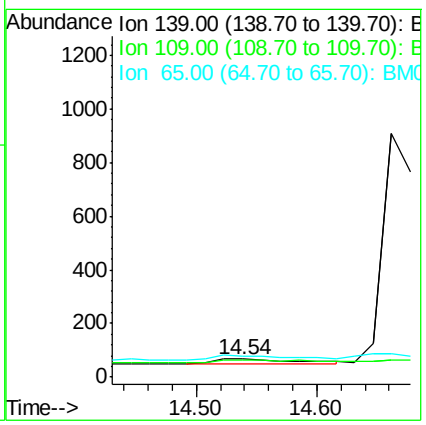


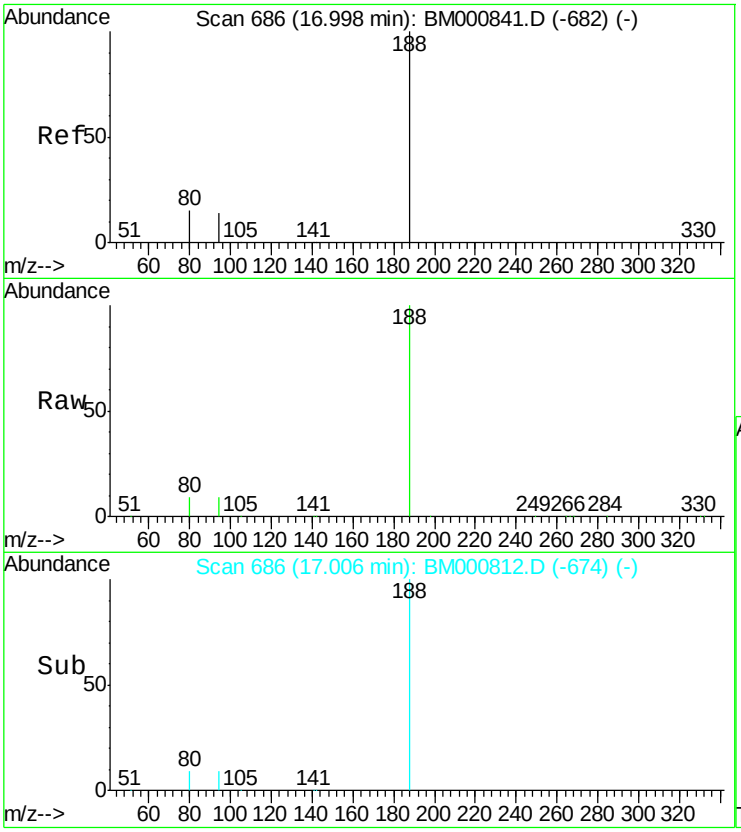


#25
4-Nitrophenol
Concen: 0.08 ng
RT: 14.54 min Scan# 580
Delta R.T. 0.05 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:139 Resp: 92

Ion	Ratio	Lower	Upper
139	100		
109	95.6	58.2	98.2
65	117.6	90.4	130.4



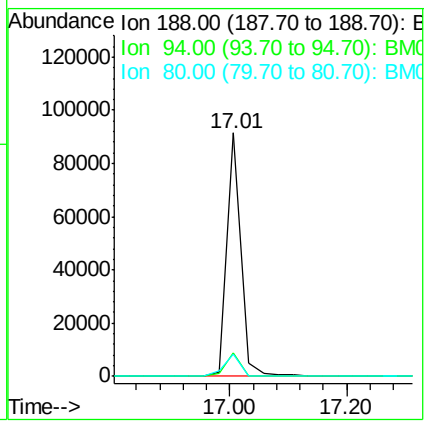


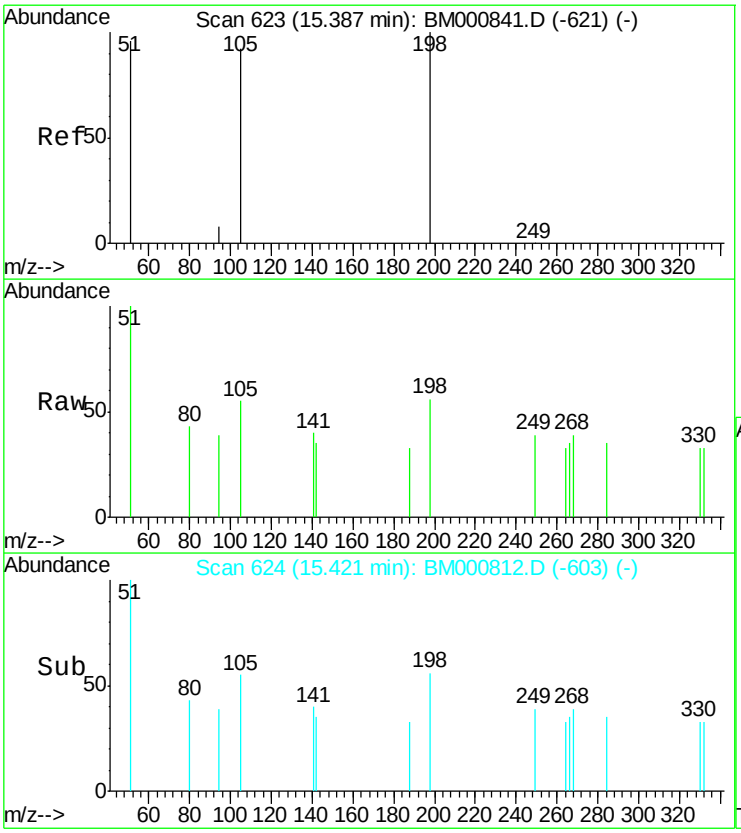
#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 686
Delta R.T. 0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 154066

Ion	Ratio	Lower	Upper
188	100		
94	9.4	13.0	19.6#
80	9.3	14.7	22.1#

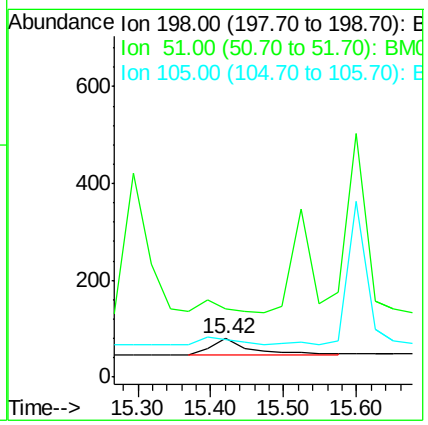


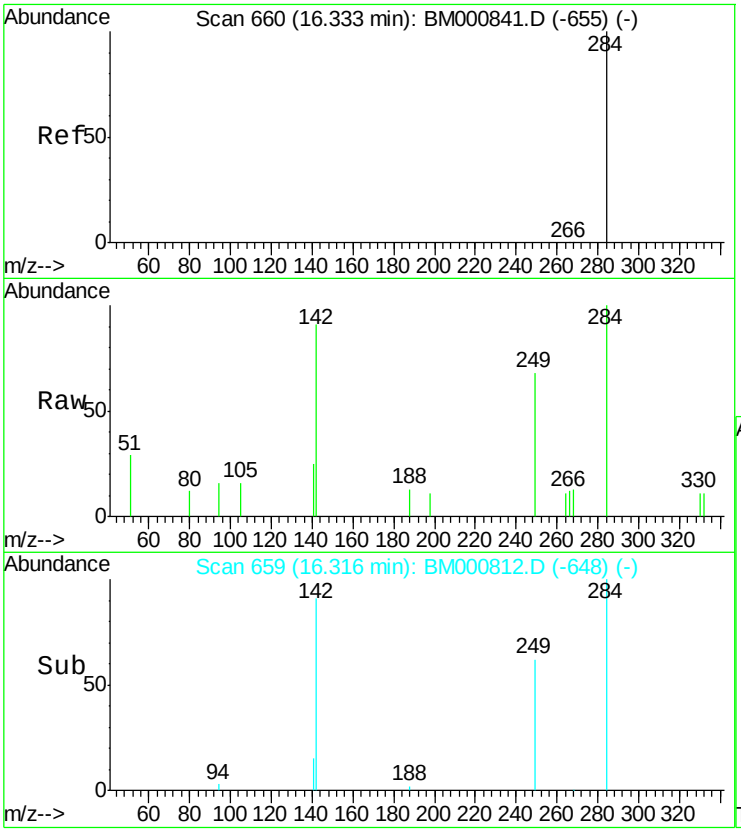


#27
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.42 min Scan# 624
Delta R.T. 0.03 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	178.5	139.3	179.3
105	97.5	88.8	128.8



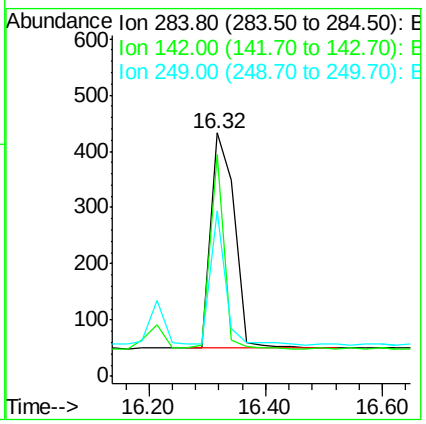


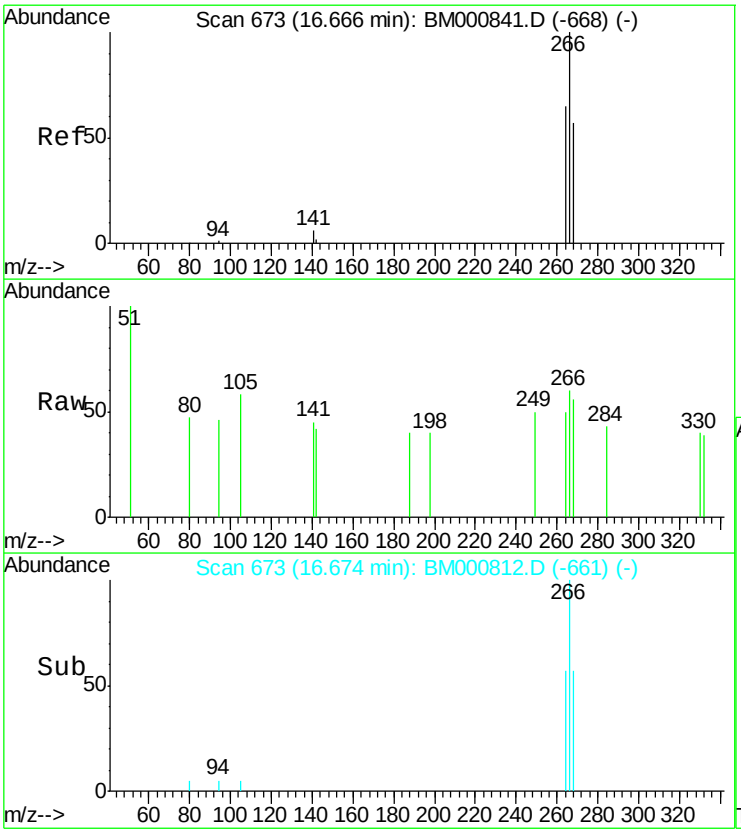
#28
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.32 min Scan# 659
Delta R.T. -0.02 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1082

Ion	Ratio	Lower	Upper
284	100		
142	91.2	6.5	9.7#
249	68.1	12.6	18.8#

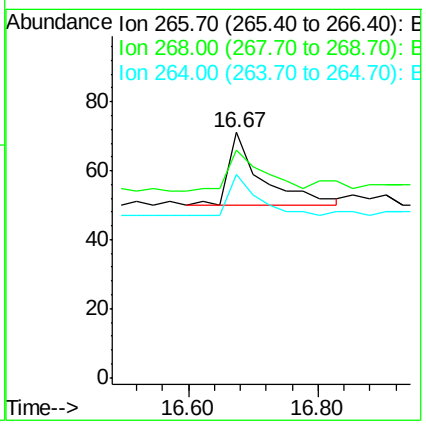


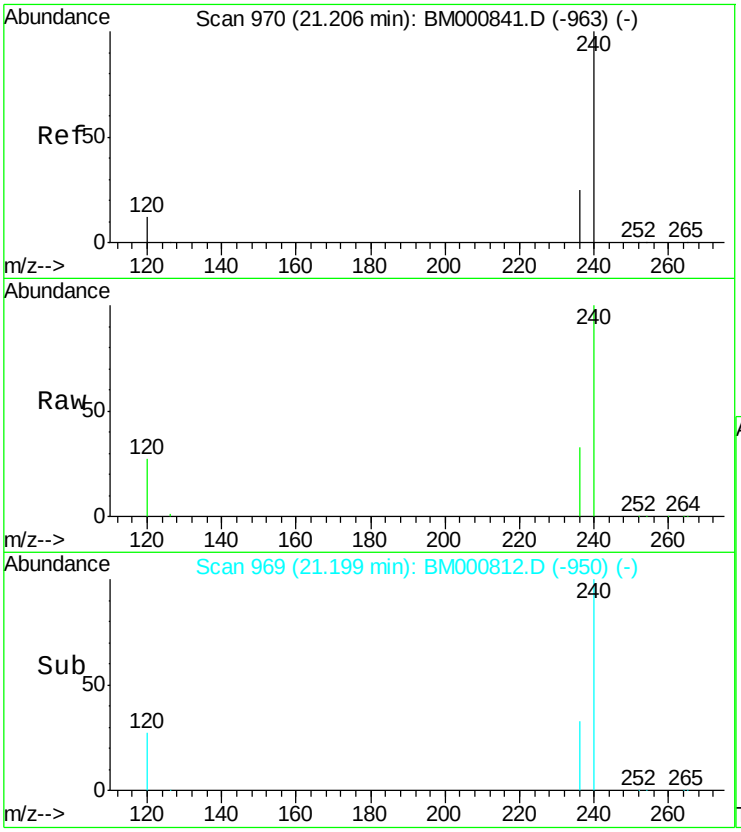


#29
Pentachlorophenol
Concen: 0.05 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:266 Resp: 75

Ion	Ratio	Lower	Upper
266	100		
268	93.0	51.4	77.0#
264	83.1	57.1	85.7



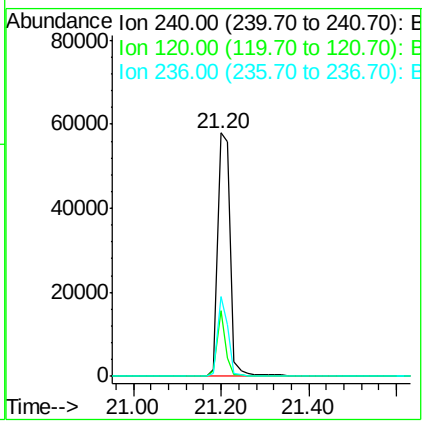


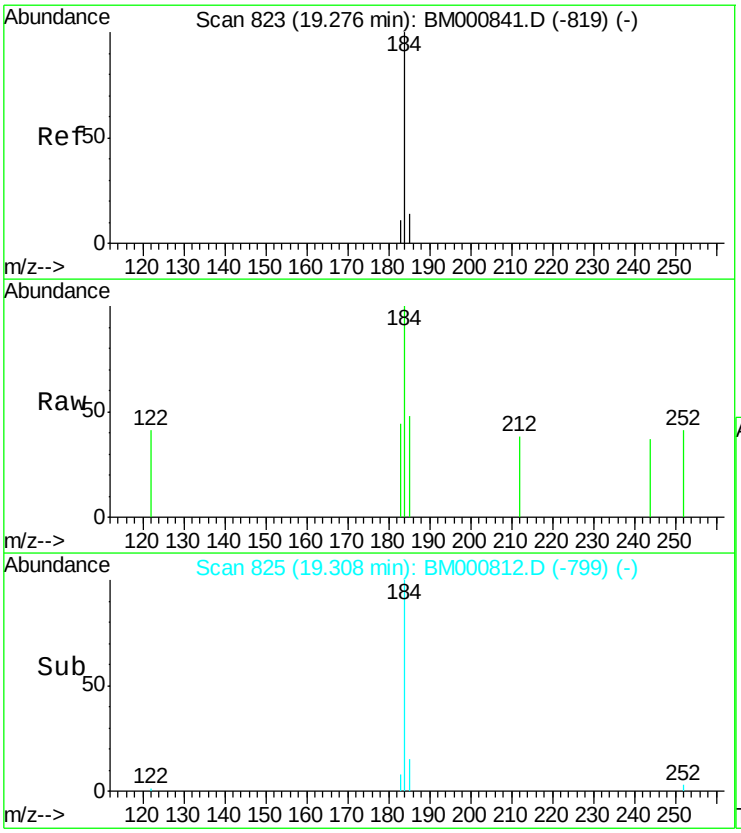
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 114421

Ion	Ratio	Lower	Upper
240	100		
120	27.0	11.3	16.9#
236	32.8	21.1	31.7#

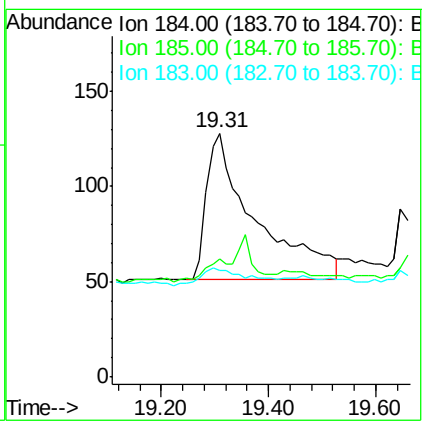


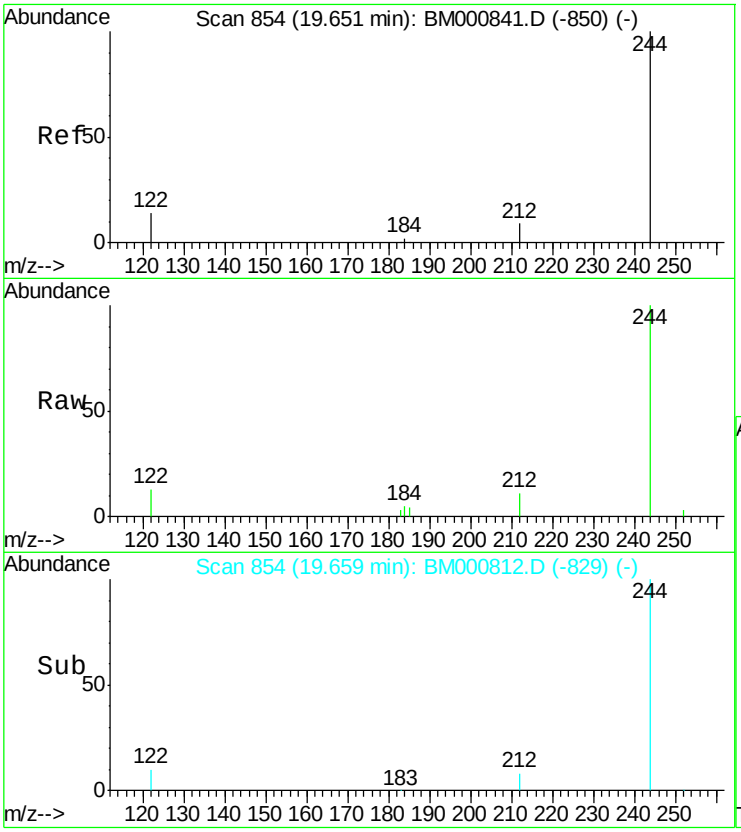


#31
Benzidine
Concen: 0.10 ng
RT: 19.31 min Scan# 825
Delta R.T. 0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:184 Resp: 484

Ion	Ratio	Lower	Upper
184	100		
185	48.4	39.1	58.7
183	43.8	36.1	54.1



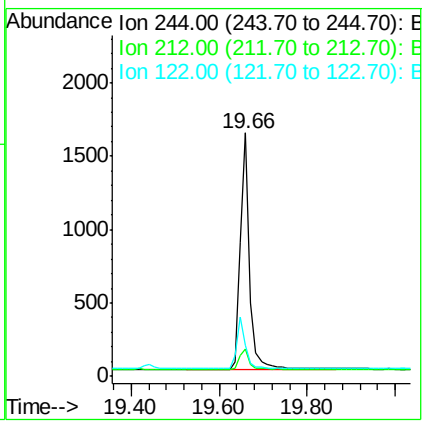


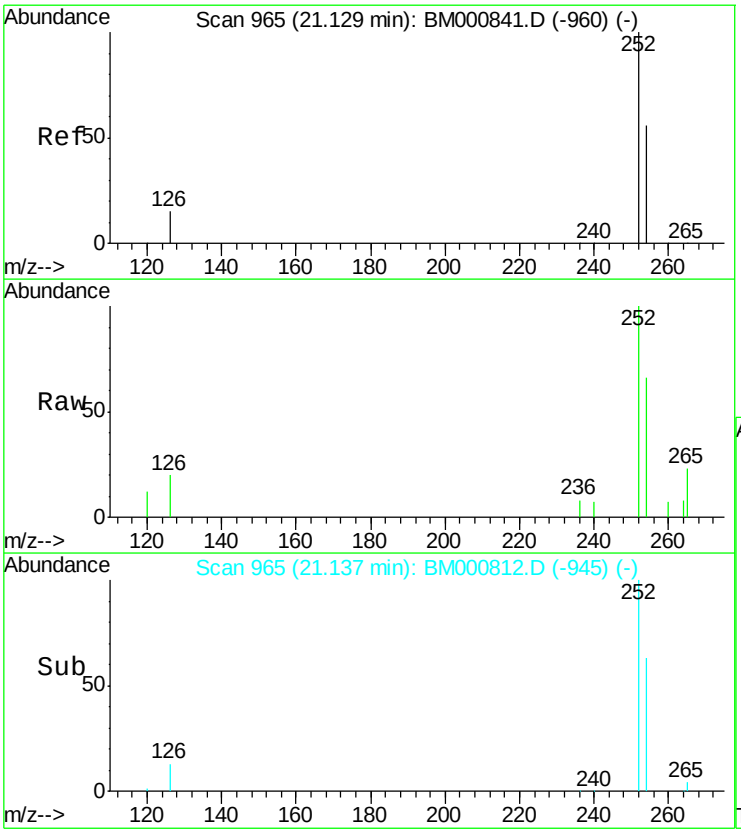
#32
Terphenyl-d14
Concen: 0.18 ng
RT: 19.66 min Scan# 854
Delta R.T. 0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 2419

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.0	12.0
122	12.7	14.7	22.1#

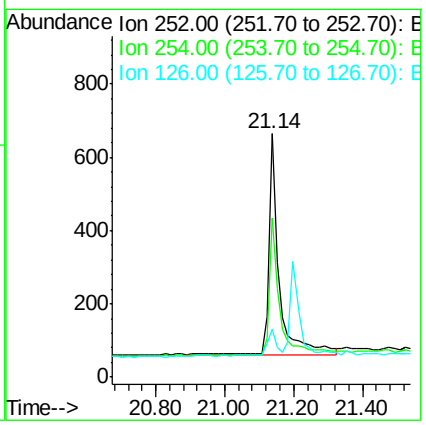


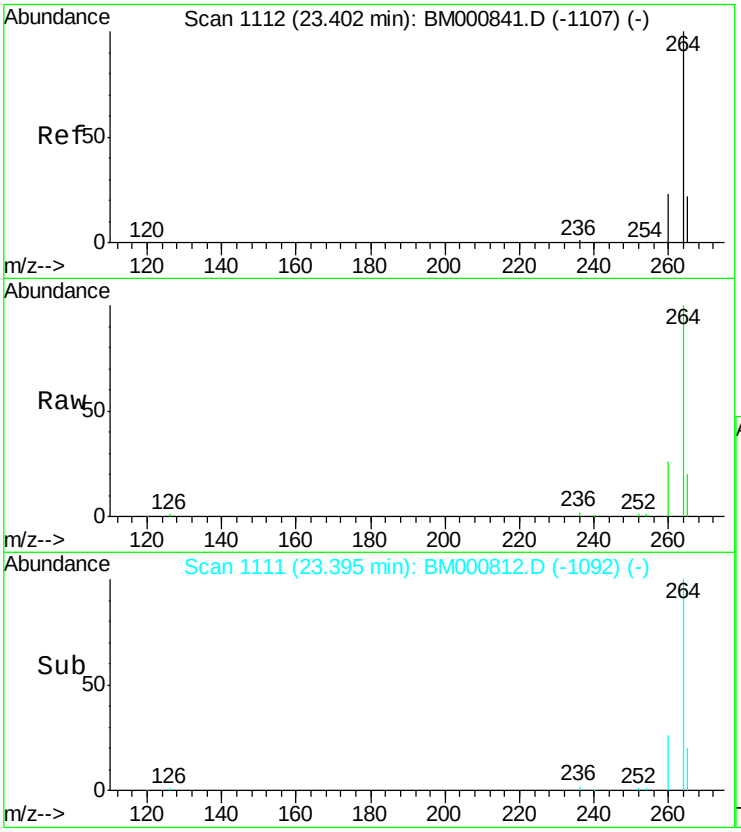


#33
3,3'-Dichlorobenzidine
Concen: 0.16 ng
RT: 21.14 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Tgt Ion:252 Resp: 1266

Ion	Ratio	Lower	Upper
252	100		
254	65.6	44.5	66.7
126	19.7	13.6	20.4





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM000812.D
Acq: 02 Apr 2015 18:33

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 108550

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.1	28.7
265	20.3	17.5	26.3