Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000832.D
Acq On : 03 Apr 2015 08:19
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 03 16:29:54 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 13:56:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23715	5.00	ng		0.00
11) Naphthalene-d8	10.39	136	115355	5.00	ng		0.00
19) Acenaphthene-d10	14.28	164	58479	5.00	ng		0.00
26) Phenanthrene-d10	17.01	188	149439	5.00	ng		0.00
30) Chrysene-d12	21.20	240	109217	5.00	ng		0.00
34) Perylene-d12	23.40	264	102777	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	41807	6.40	ng		0.00
5) Phenol-d6	6.77	99	71945	5.86	ng		0.00
12) Nitrobenzene-d5	8.77	82	21781	4.05	ng		0.00
20) 2,4,6-Tribromophenol	15.75	330	17408	7.07	ng		-0.02
32) Terphenyl-d14	19.66	244	146394	11.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	524	0.01	ng	#	44
3) n-Nitrosodimethylamine	3.49	42	154	0.05	ng	#	1
6) 2-Chlorophenol	7.17	128	327	0.24	ng	#	61
7) Phenol	6.81	94	472	0.05	ng	#	35
8) bis(2-Chloroethyl)ether	6.95	93	301	0.24	ng	#	17
9) 2-Methylphenol	8.06	107	299	0.20	ng	#	64
10) 3+4-Methylphenols	8.41	107	314	0.16	ng	#	35
13) Nitrobenzene	8.80	77	325	0.05	ng	#	86
14) 2-Nitrophenol	9.52	139	116	0.21	ng	#	1
15) 2,4-Dimethylphenol	9.58	122	193	0.03	ng	#	68
16) 2,4-Dichlorophenol	10.07	162	214	0.25	ng	#	62
17) Hexachlorobutadiene	10.75	225	191	0.04	ng	#	82
18) 4-Chloro-3-methylphenol	11.71	107	279	0.05	ng	#	86
21) 2,4,6-Trichlorophenol	12.70	196	120	0.15	ng	#	58
22) 2,4,5-Trichlorophenol	12.79	196	151	0.15	ng	#	64
23) 2-Fluorobiphenyl	12.87	172	107462	5.96	ng		97
24) 2,4-Dinitrophenol	14.37	184	1	0.00	ng	#	55
25) 4-Nitrophenol	14.68	139	524	0.60	ng	#	25
27) 4,6-Dinitro-2-methylphenol	15.75	198	71	0.17	ng	#	68
28) Hexachlorobenzene	16.32	284	419	0.11	ng	#	1
29) Pentachlorophenol	16.67	266	26	0.46	ng	#	66
31) Benzidine	19.30	184	442	0.19	ng		99
33) 3,3'-Dichlorobenzidine	21.14	252	554	0.25	ng	#	83

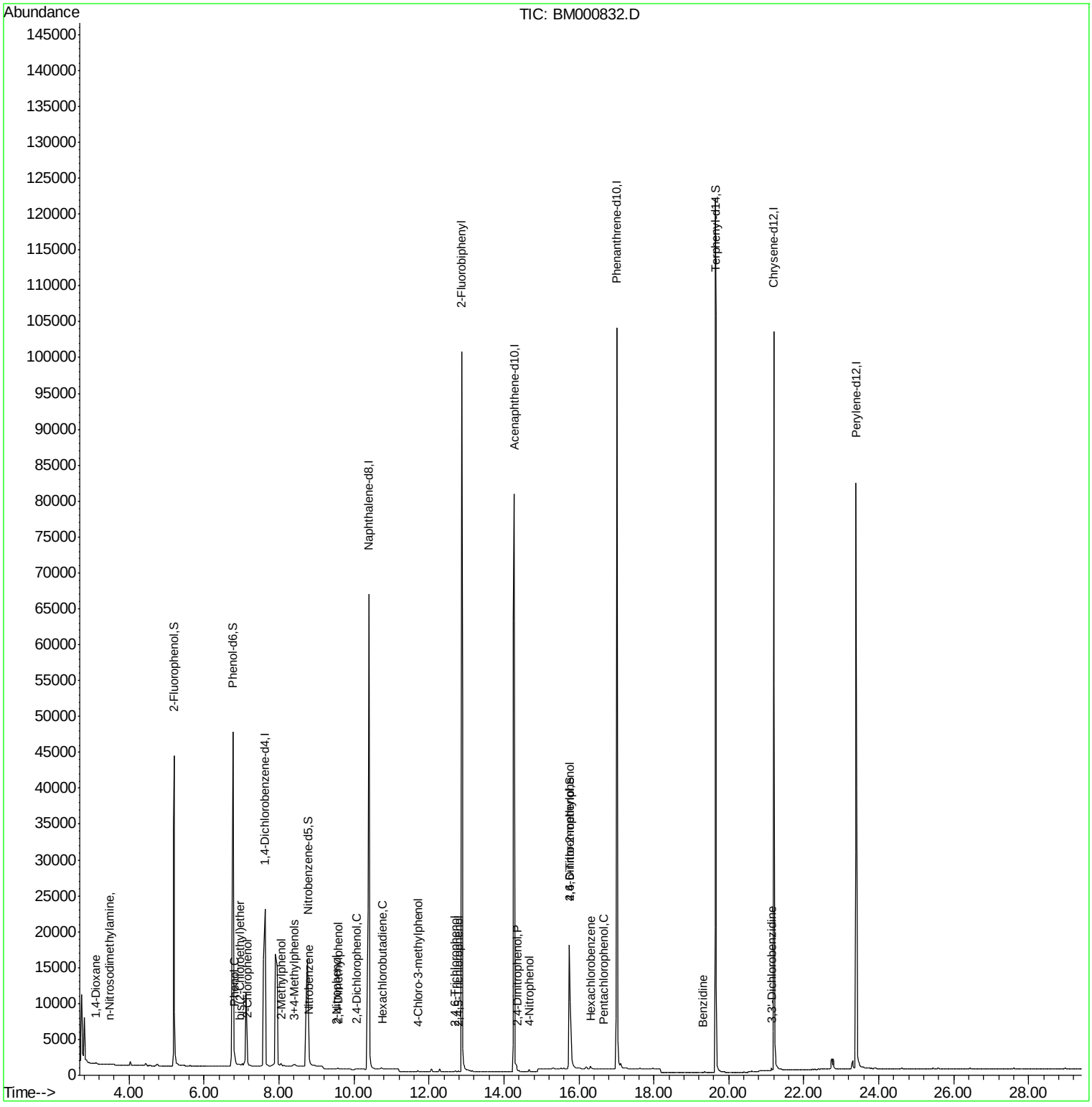
(#) = qualifier out of range (m) = manual integration (+) = signals summed

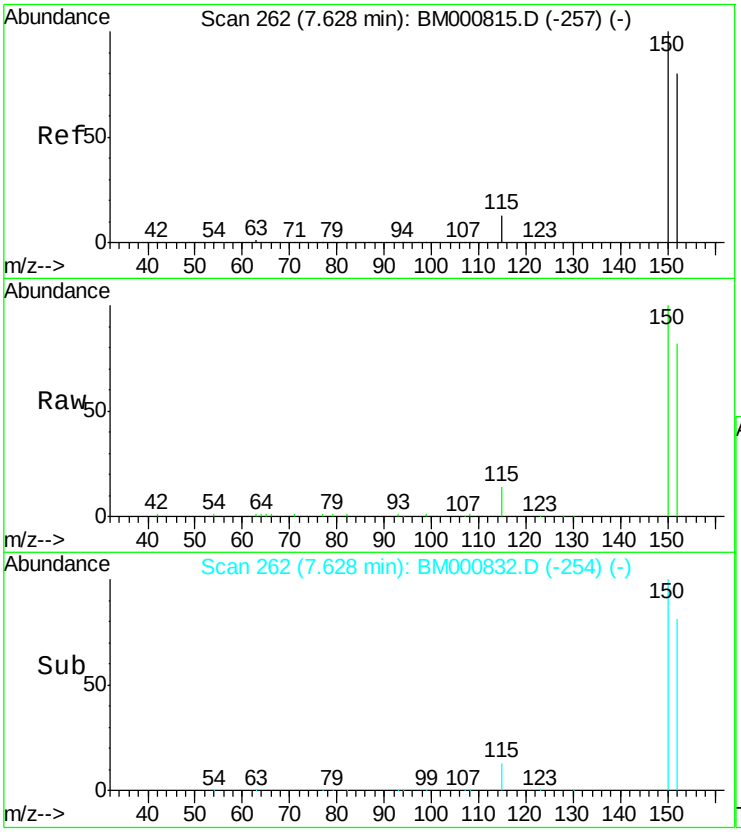
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040315\
Data File : BM000832.D
Acq On : 03 Apr 2015 08:19
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 03 16:29:54 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 13:56:22 2015
Response via : Initial Calibration



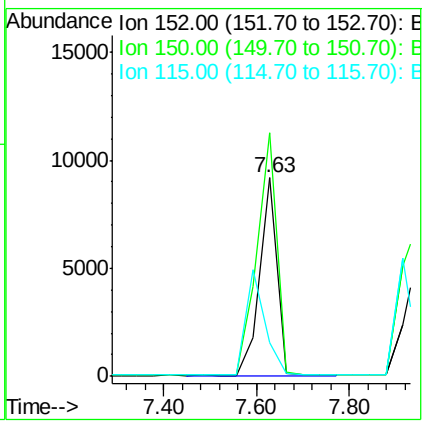


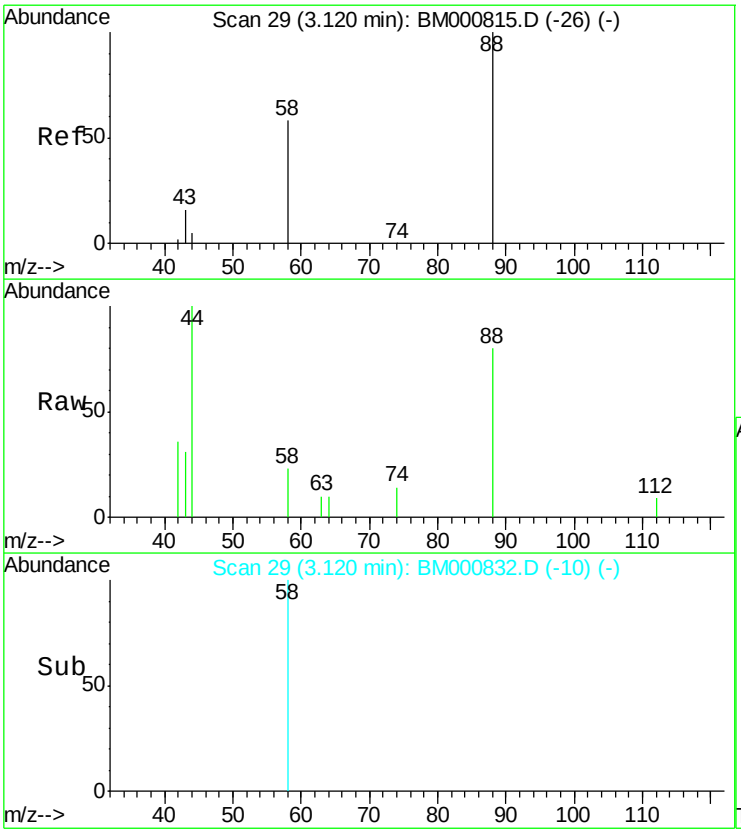
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 23715

Ion	Ratio	Lower	Upper
152	100		
150	122.7	99.8	149.6
115	16.7	13.5	20.3

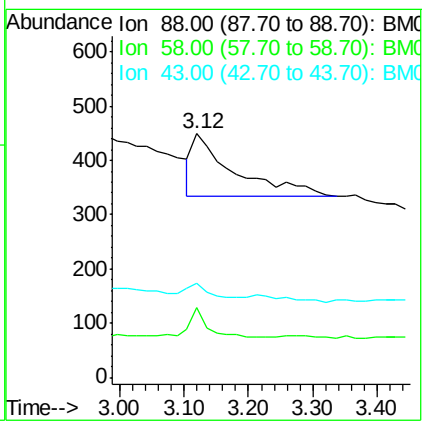


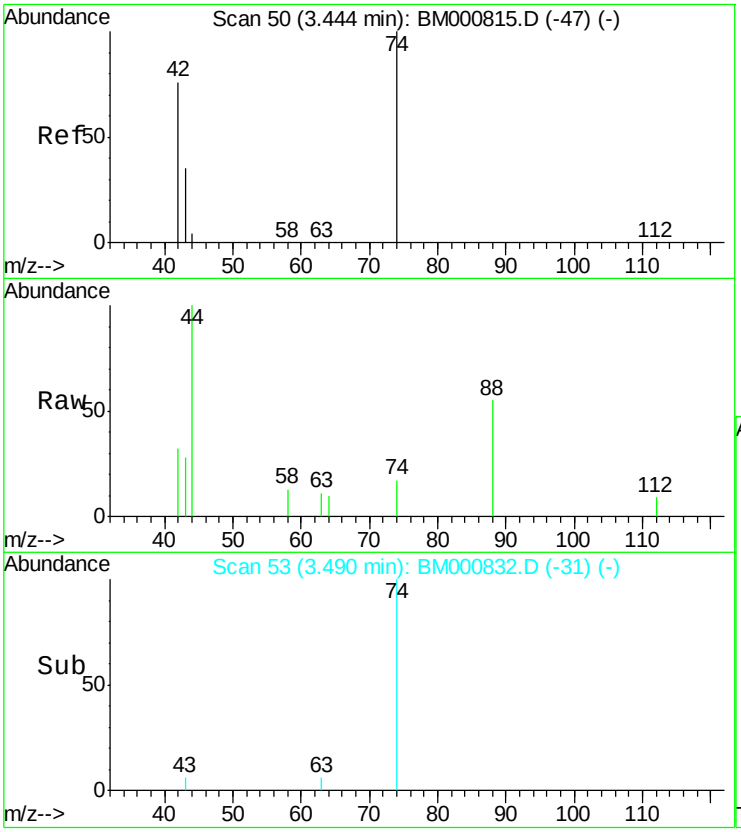


#2
1,4-Dioxane
Concen: 0.01 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion: 88 Resp: 524

Ion	Ratio	Lower	Upper
88	100		
58	19.7	57.0	85.4#
43	9.7	29.2	43.8#



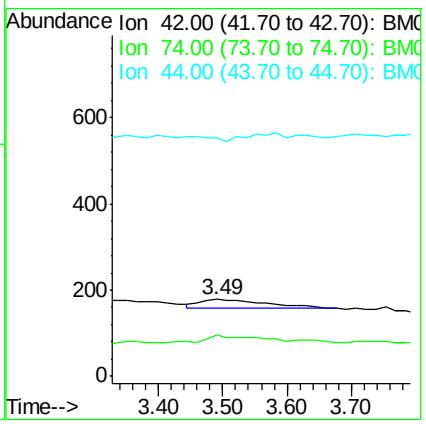


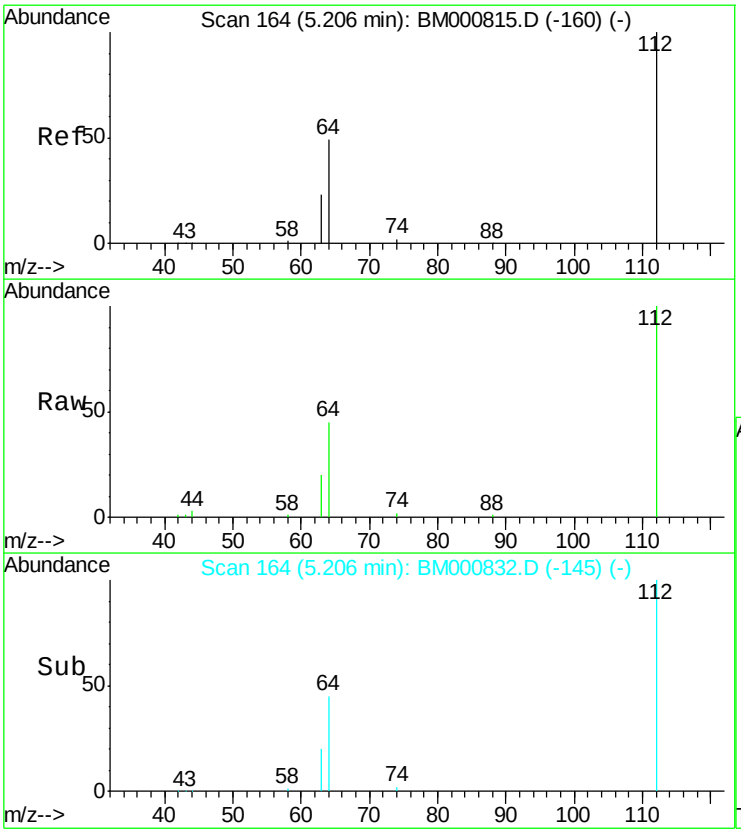
#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.05 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 154

Ion	Ratio	Lower	Upper
42	100		
74	53.6	93.1	139.7#
44	308.4	56.6	85.0#

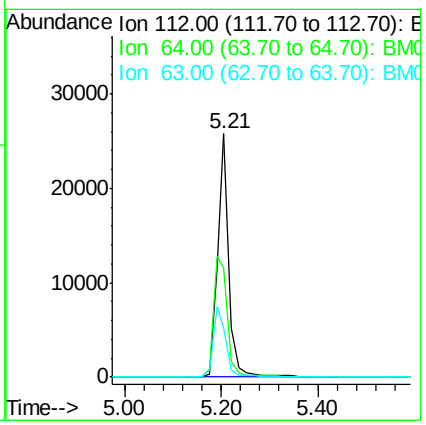


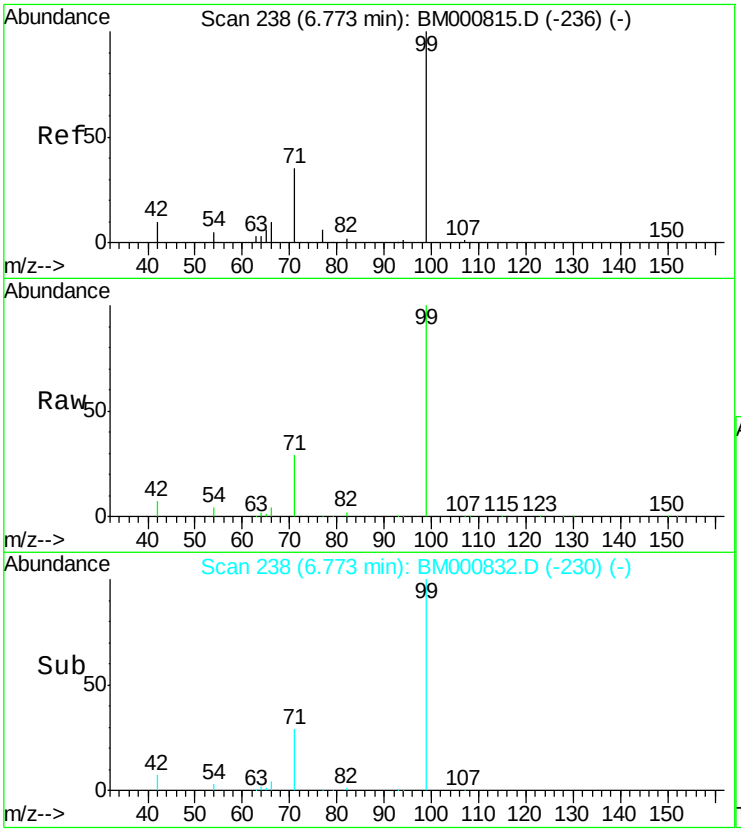


#4
2-Fluorophenol
Concen: 6.40 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:112 Resp: 41807

Ion	Ratio	Lower	Upper
112	100		
64	44.6	40.3	60.5
63	19.9	19.0	28.4



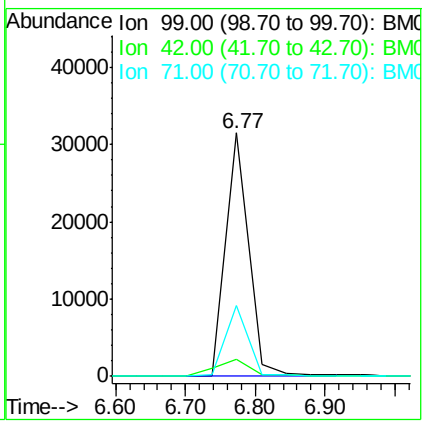


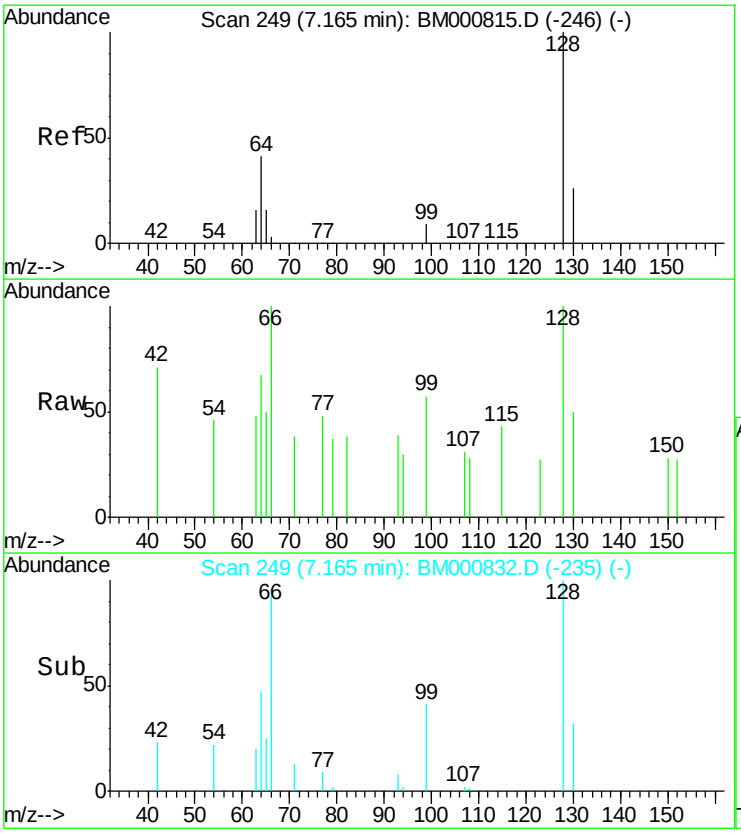
#5
Phenol-d6
Concen: 5.86 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 71945

Ion	Ratio	Lower	Upper
99	100		
42	7.2	10.2	15.4#
71	29.3	28.6	43.0

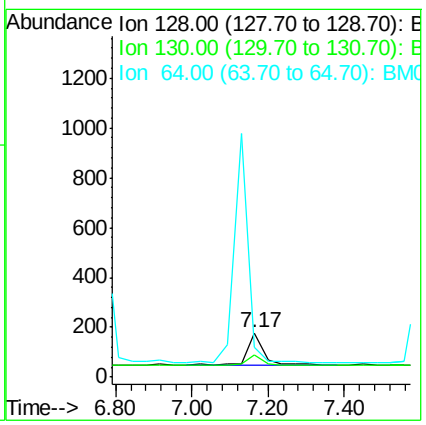


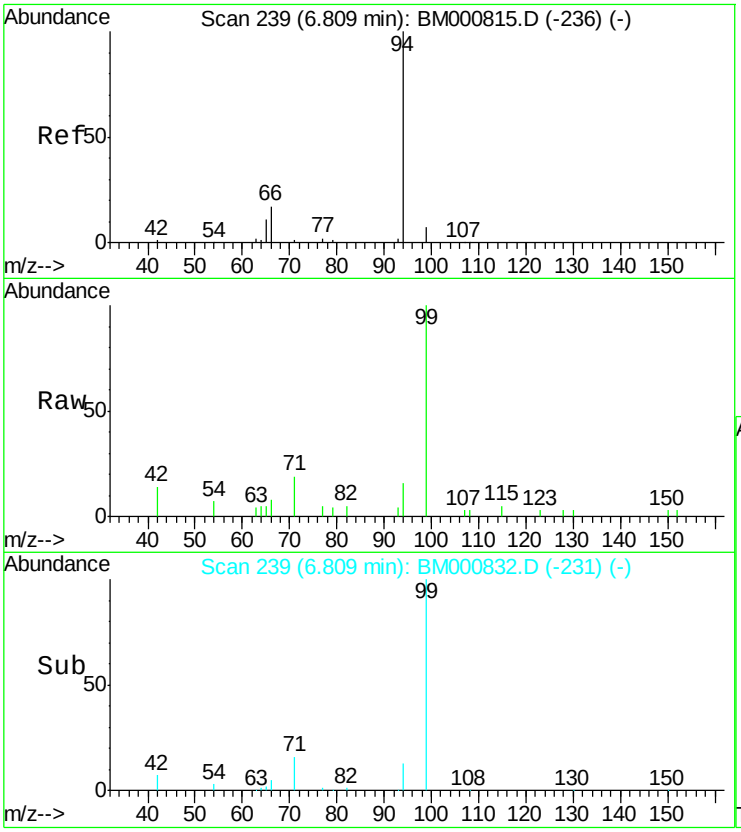


#6
2-Chlorophenol
Concen: 0.24 ng
RT: 7.17 min Scan# 249
Delta R.T. 0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:128 Resp: 327

Ion	Ratio	Lower	Upper
128	100		
130	50.0	7.6	47.6#
64	66.9	23.1	63.1#



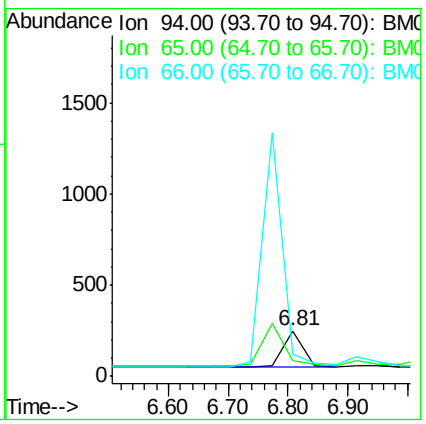


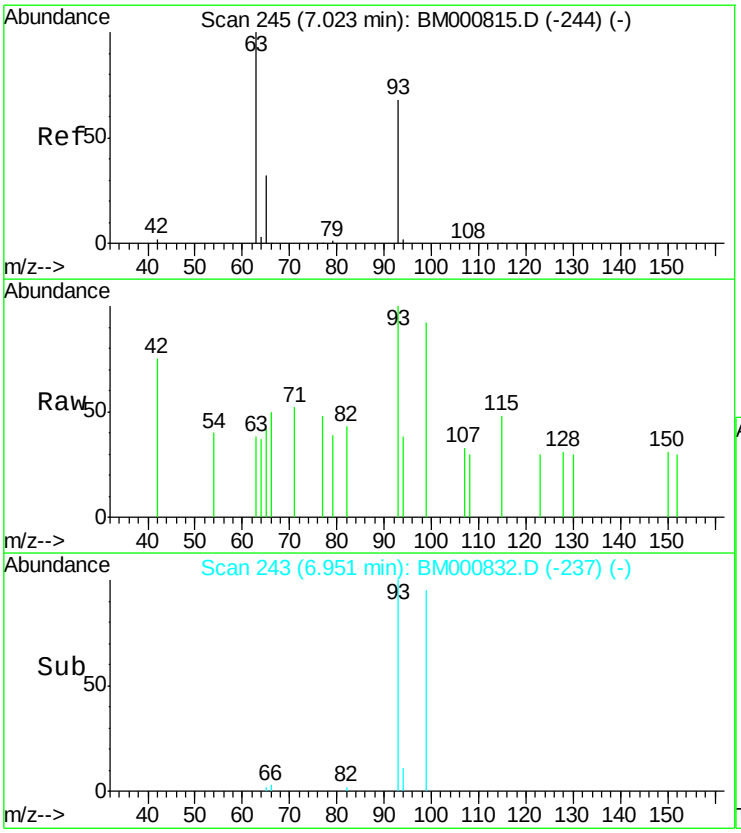
#7
Phenol
Concen: 0.05 ng
RT: 6.81 min Scan# 239
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 472

Ion	Ratio	Lower	Upper
94	100		
65	33.6	0.0	32.0#
66	48.8	0.0	37.6#

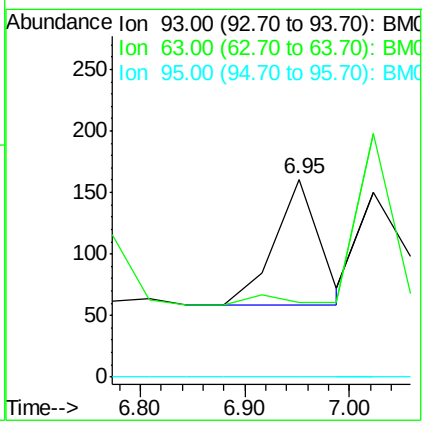


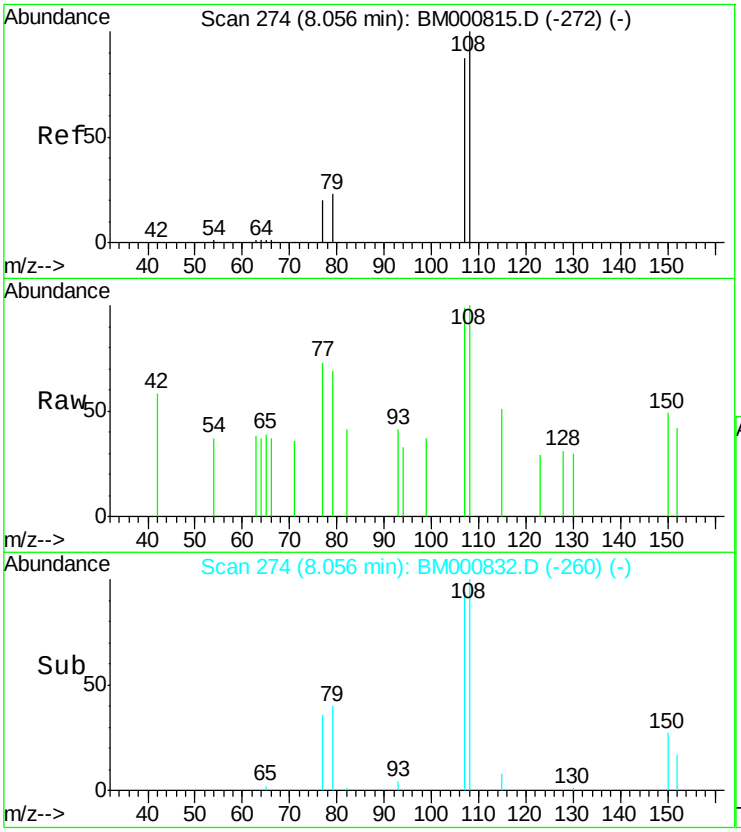


#8
bis(2-Chloroethyl)ether
Concen: 0.24 ng
RT: 6.95 min Scan# 243
Delta R.T. -0.07 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion: 93 Resp: 301

Ion	Ratio	Lower	Upper
93	100		
63	37.9	118.9	158.9#
95	0.0	0.0	20.0



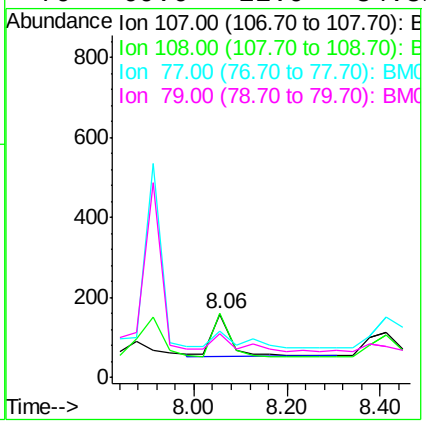


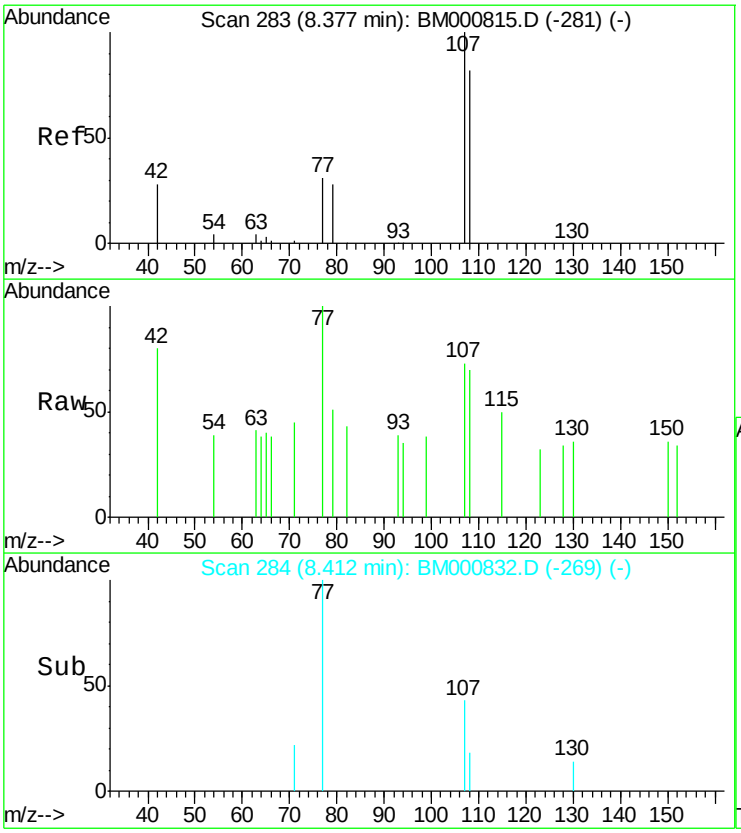
#9
2-Methylphenol
Concen: 0.20 ng
RT: 8.06 min Scan# 274
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 299

Ion	Ratio	Lower	Upper
107	100		
108	101.3	92.0	138.0
77	73.4	20.6	31.0#
79	69.6	22.9	34.3#

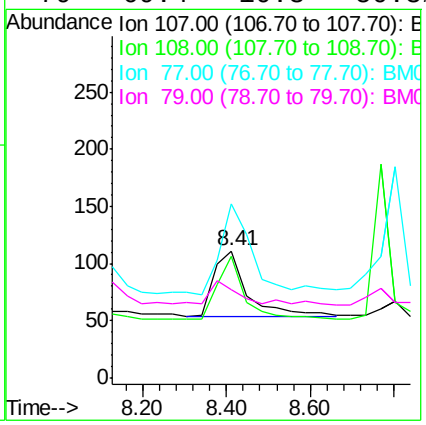


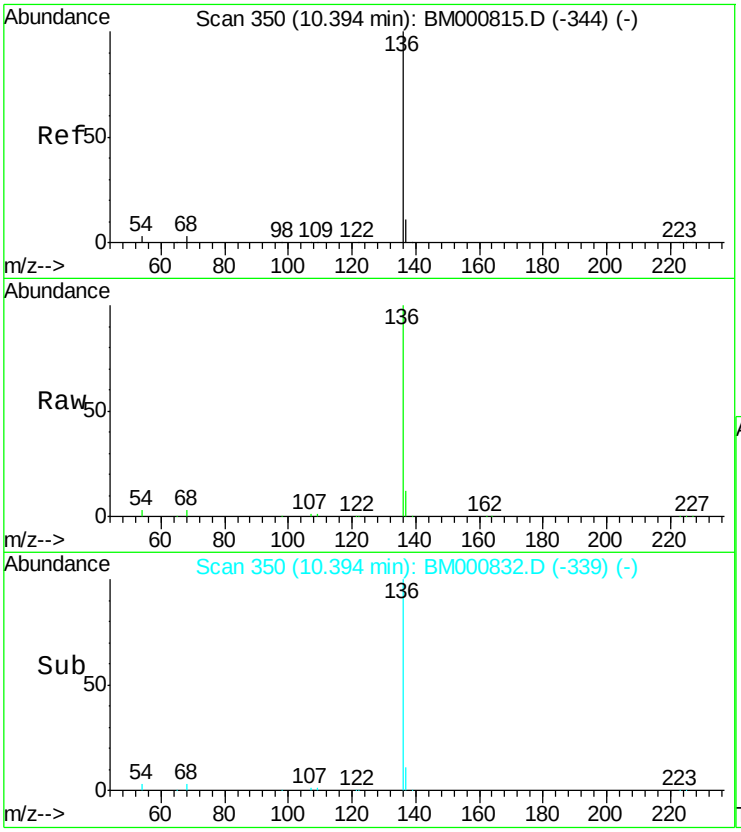


#10
3+4-Methylphenols
Concen: 0.16 ng
RT: 8.41 min Scan# 284
Delta R.T. 0.04 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:107 Resp: 314

Ion	Ratio	Lower	Upper
107	100		
108	95.5	62.6	102.6
77	136.9	12.8	52.8#
79	69.4	10.3	50.3#



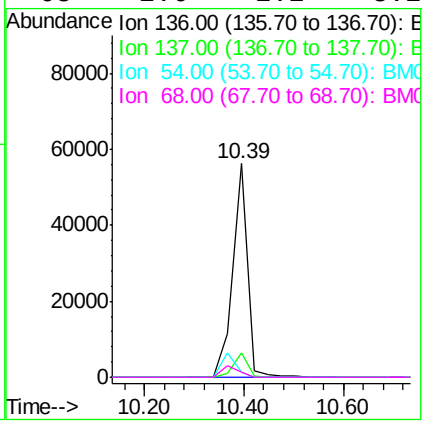


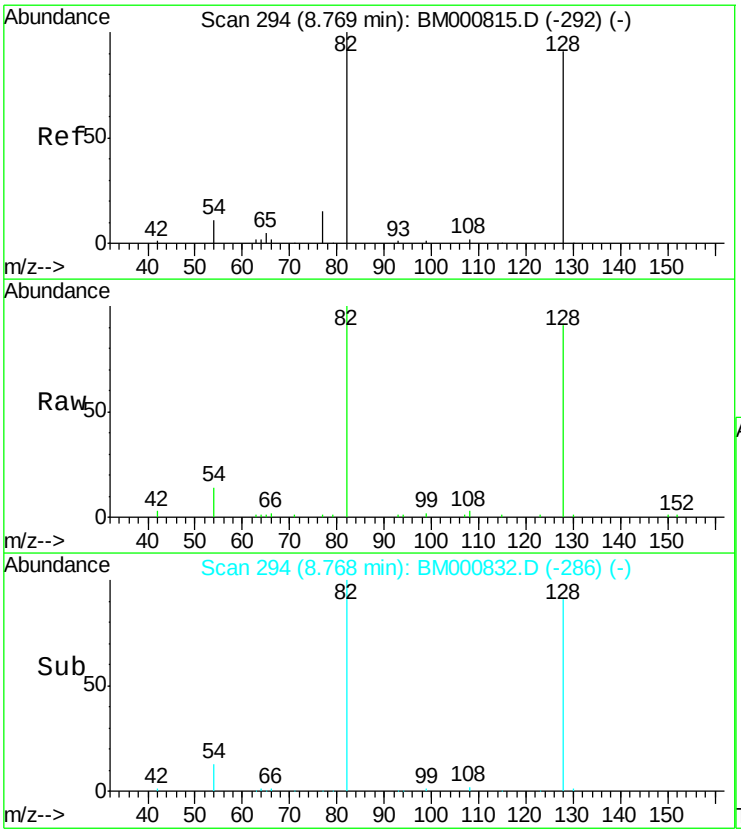
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 115355

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	2.7	2.2	3.4
68	2.6	2.2	3.2

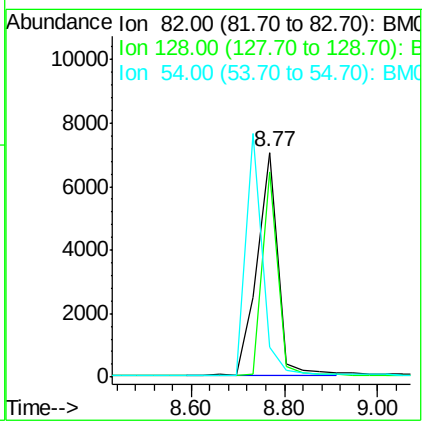


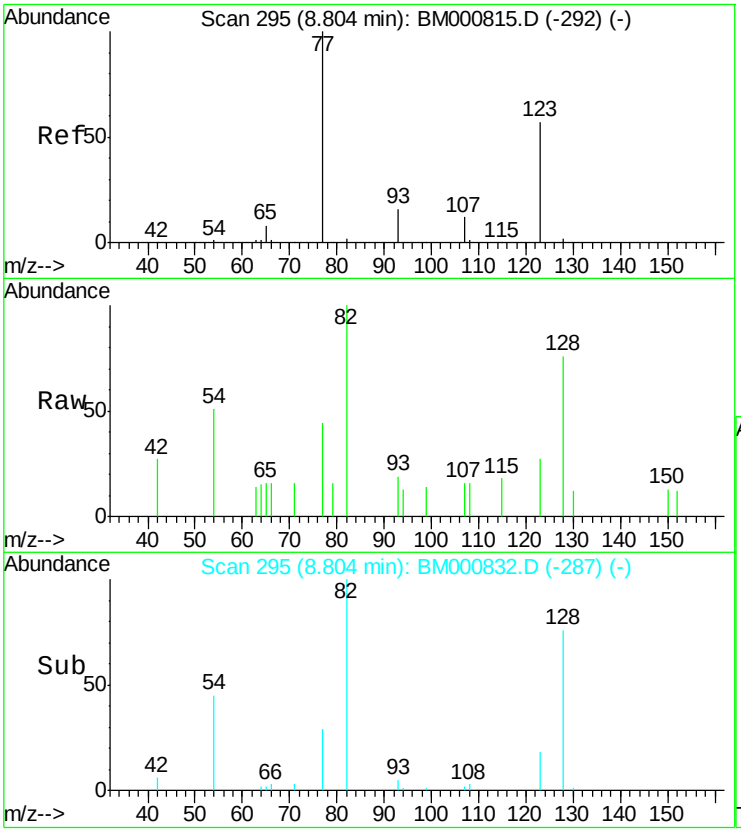


#12
Nitrobenzene-d5
Concen: 4.05 ng
RT: 8.77 min Scan# 294
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion: 82 Resp: 21781

Ion	Ratio	Lower	Upper
82	100		
128	91.2	72.5	108.7
54	13.5	11.8	17.8



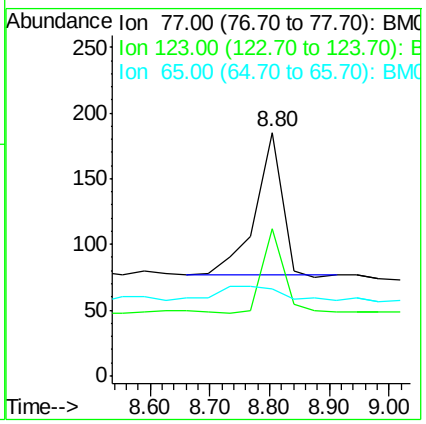


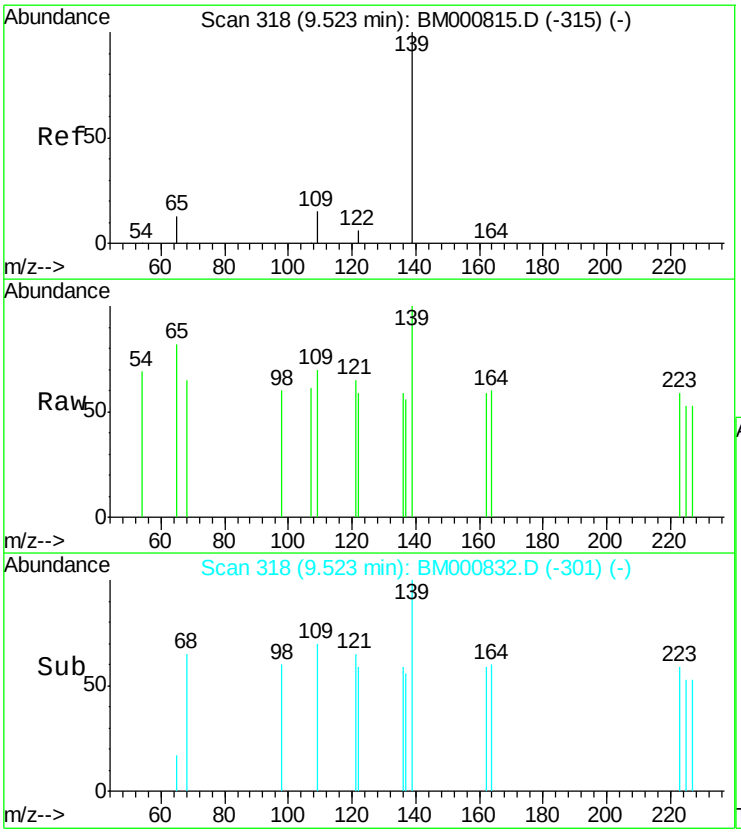
#13
Nitrobenzene
Concen: 0.05 ng
RT: 8.80 min Scan# 295
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 325

Ion	Ratio	Lower	Upper
77	100		
123	60.5	45.8	68.6
65	35.7	8.2	12.4#

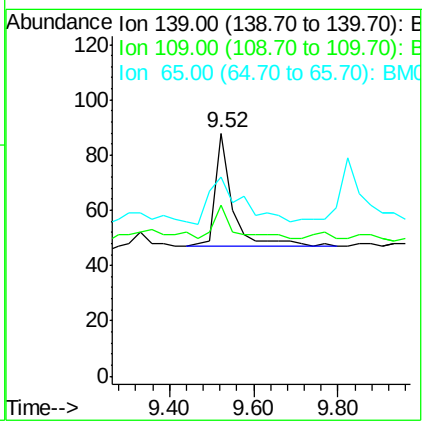


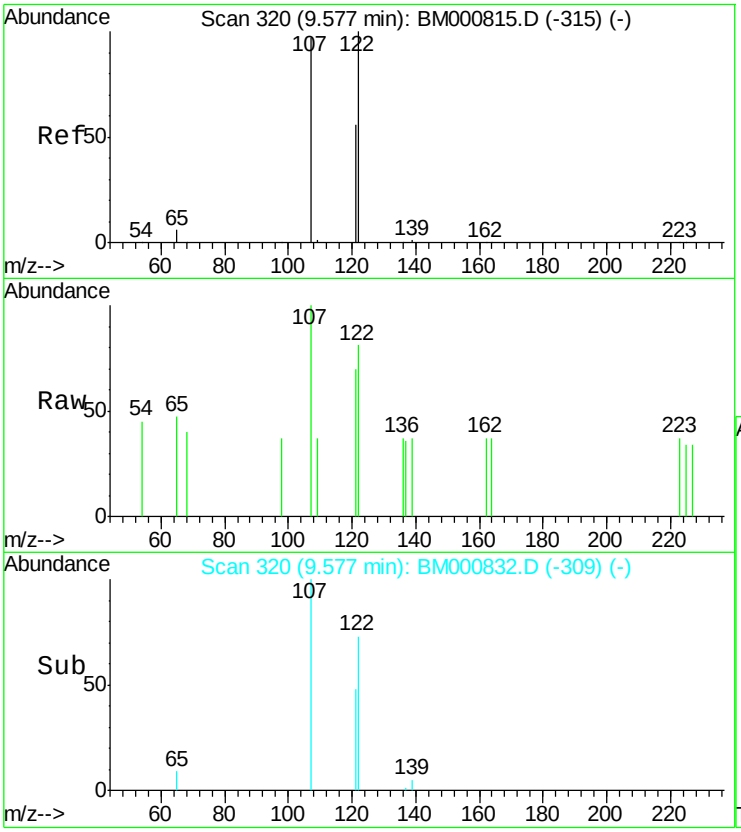


#14
2-Nitrophenol
Concen: 0.21 ng
RT: 9.52 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:139 Resp: 116

Ion	Ratio	Lower	Upper
139	100		
109	70.5	15.0	22.6#
65	81.8	14.2	21.4#



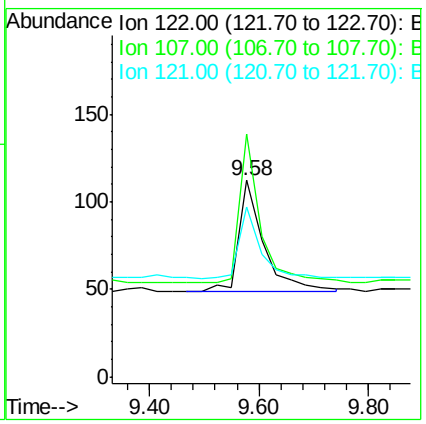


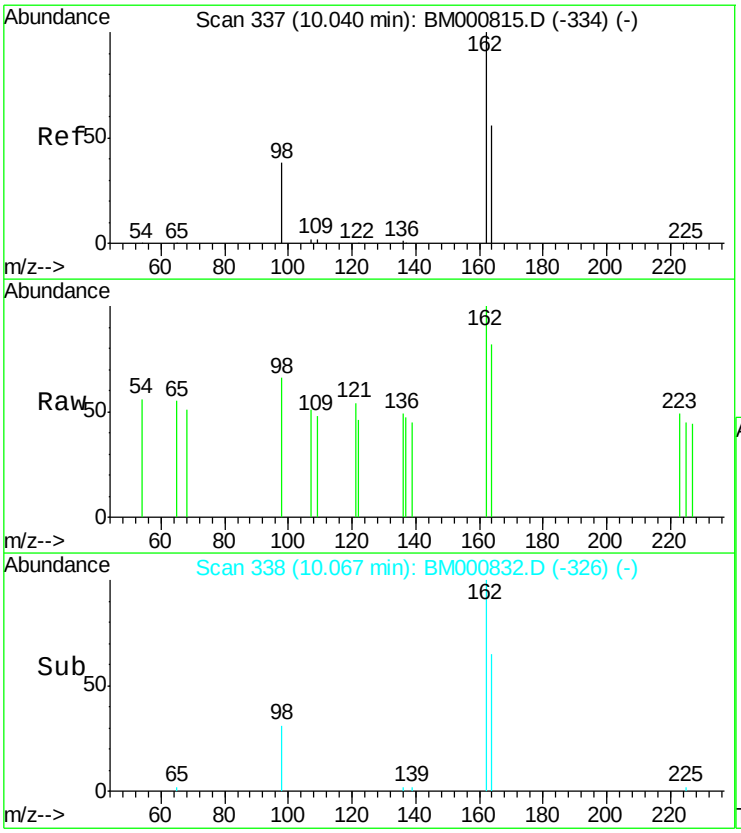
#15
2,4-Dimethylphenol
Concen: 0.03 ng
RT: 9.58 min Scan# 320
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 193

Ion	Ratio	Lower	Upper
122	100		
107	124.1	78.2	117.4#
121	86.6	45.4	68.0#

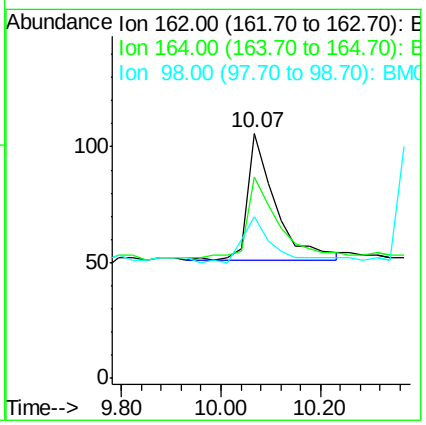


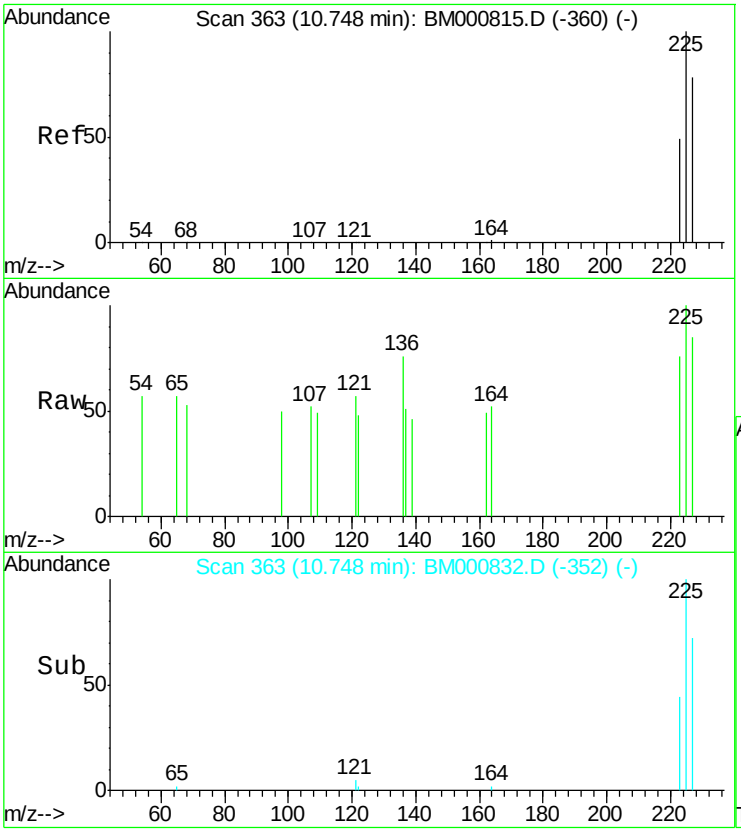


#16
2,4-Dichlorophenol
Concen: 0.25 ng
RT: 10.07 min Scan# 338
Delta R.T. 0.03 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:162 Resp: 214

Ion	Ratio	Lower	Upper
162	100		
164	82.1	37.1	77.1#
98	66.0	19.5	59.5#



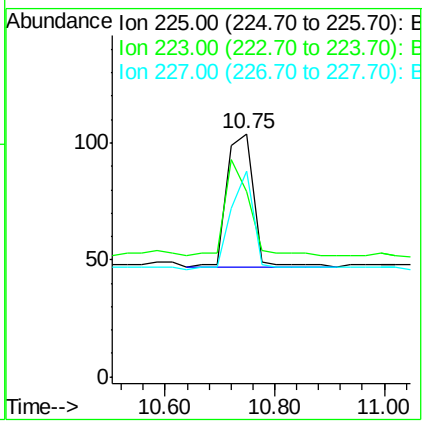


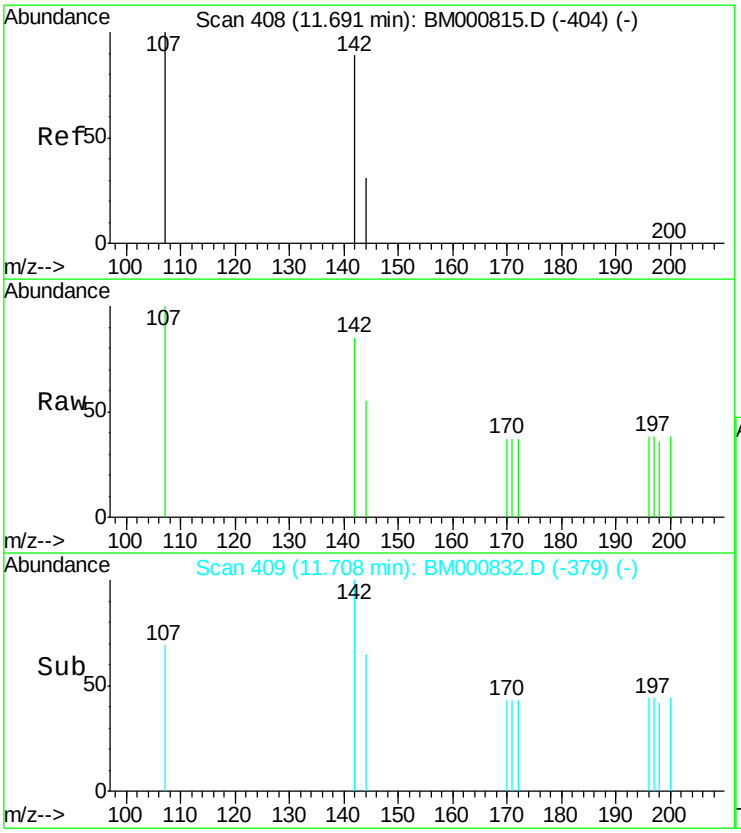
#17
Hexachlorobutadiene
Concen: 0.04 ng
RT: 10.75 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 191

Ion	Ratio	Lower	Upper
225	100		
223	76.0	40.8	61.2#
227	84.6	62.8	94.2

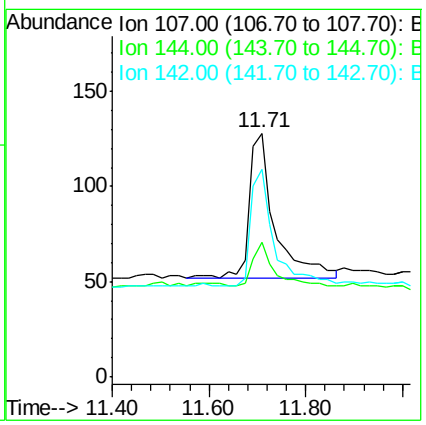


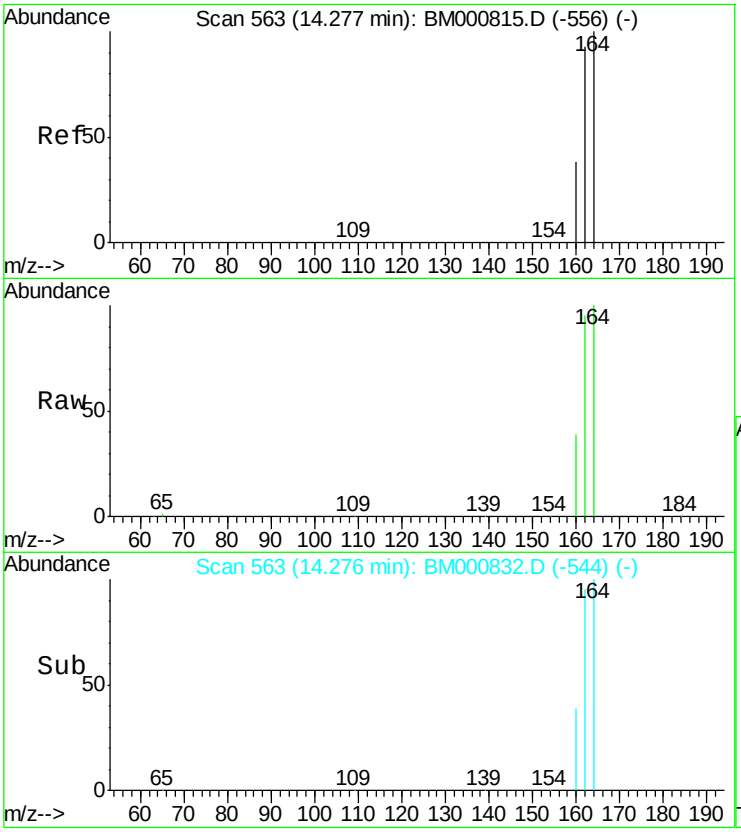


#18
4-Chloro-3-methylphenol
Concen: 0.05 ng
RT: 11.71 min Scan# 409
Delta R.T. 0.02 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:107 Resp: 279

Ion	Ratio	Lower	Upper
107	100		
144	55.5	25.8	38.8#
142	85.2	71.3	106.9



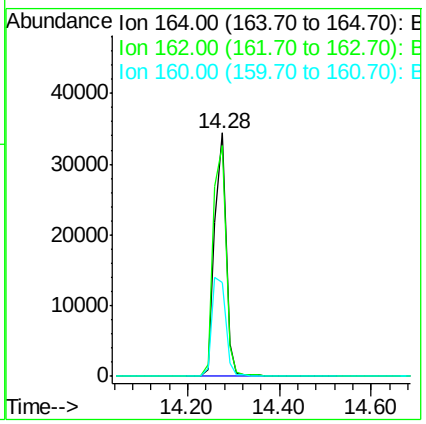


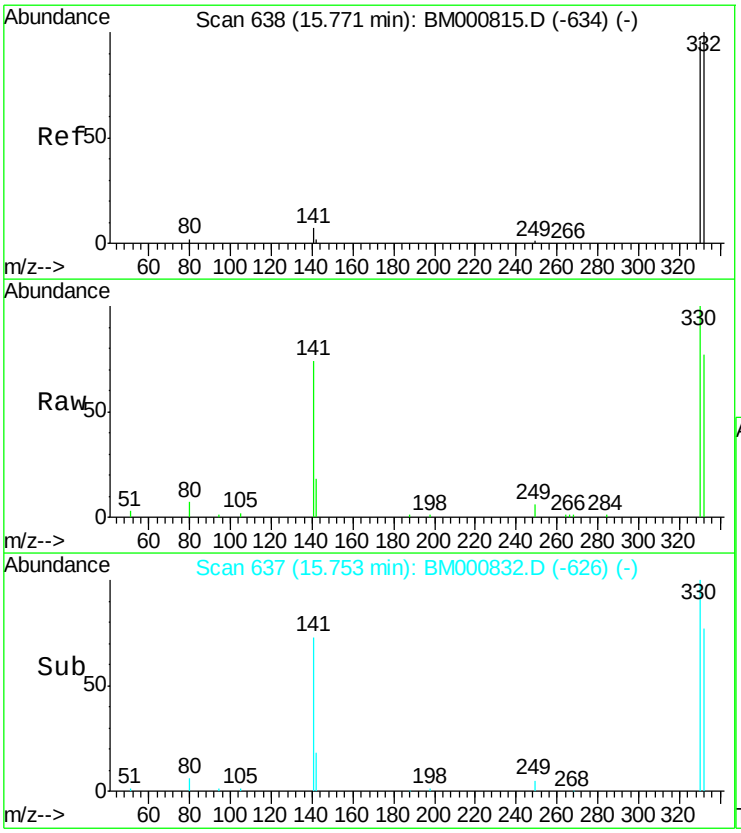
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 563
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 58479

Ion	Ratio	Lower	Upper
164	100		
162	94.9	74.2	111.2
160	38.6	30.4	45.6

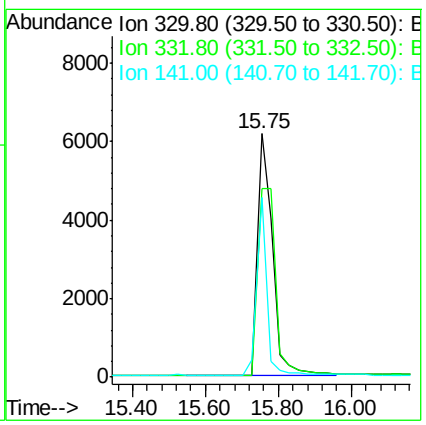


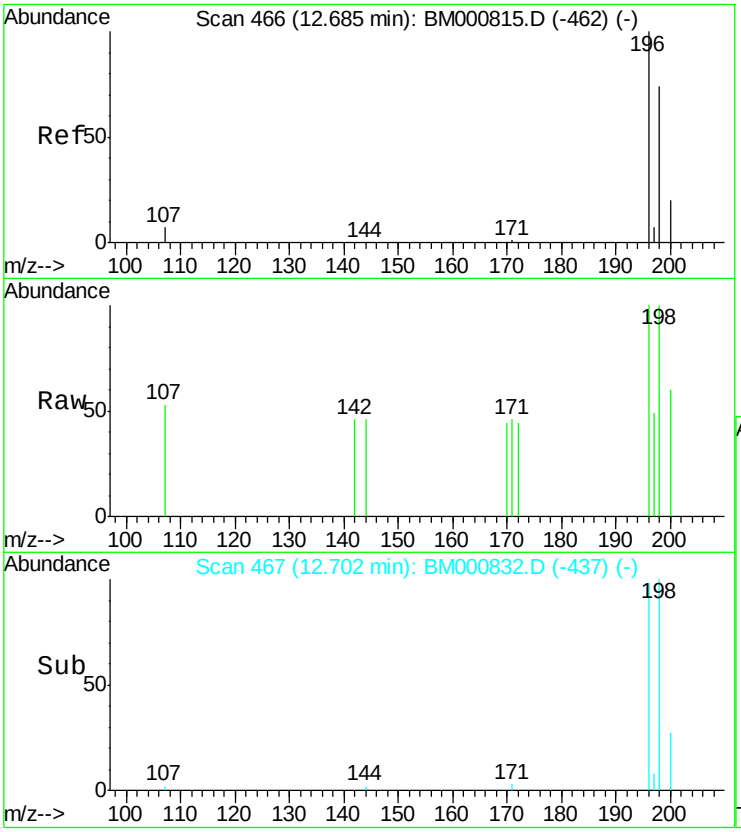


#20
2,4,6-Tribromophenol
Concen: 7.07 ng
RT: 15.75 min Scan# 637
Delta R.T. -0.02 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:330 Resp: 17408

Ion	Ratio	Lower	Upper
330	100		
332	0.0	78.7	118.1#
141	49.2	0.0	0.0#



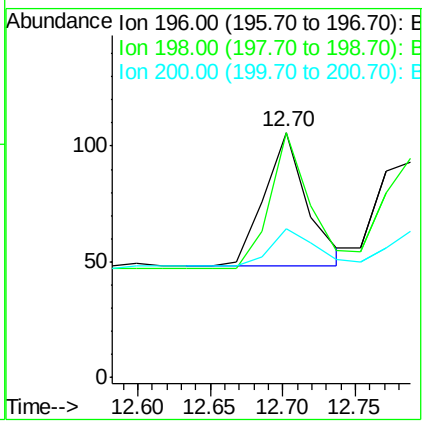


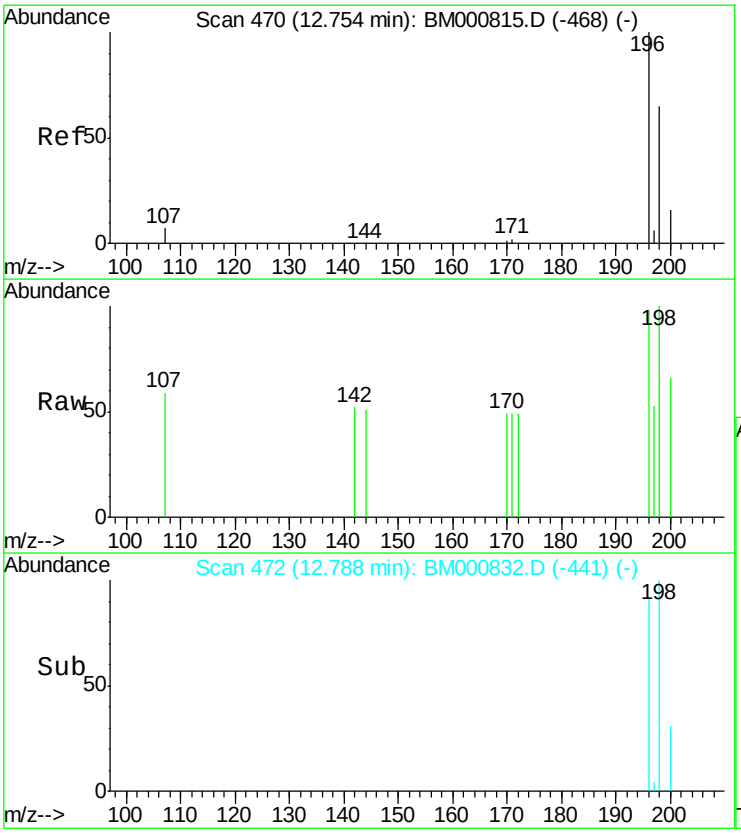
#21
2,4,6-Trichlorophenol
Concen: 0.15 ng
RT: 12.70 min Scan# 467
Delta R.T. 0.02 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 120

Ion	Ratio	Lower	Upper
196	100		
198	100.0	59.5	89.3#
200	60.4	17.4	26.0#

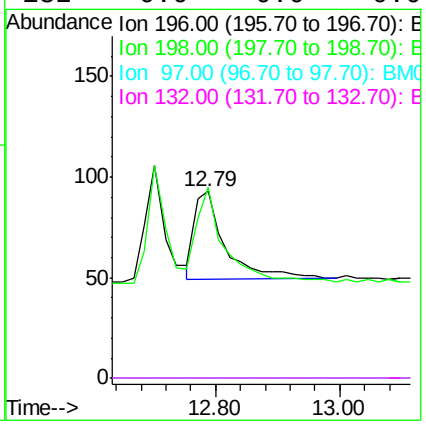


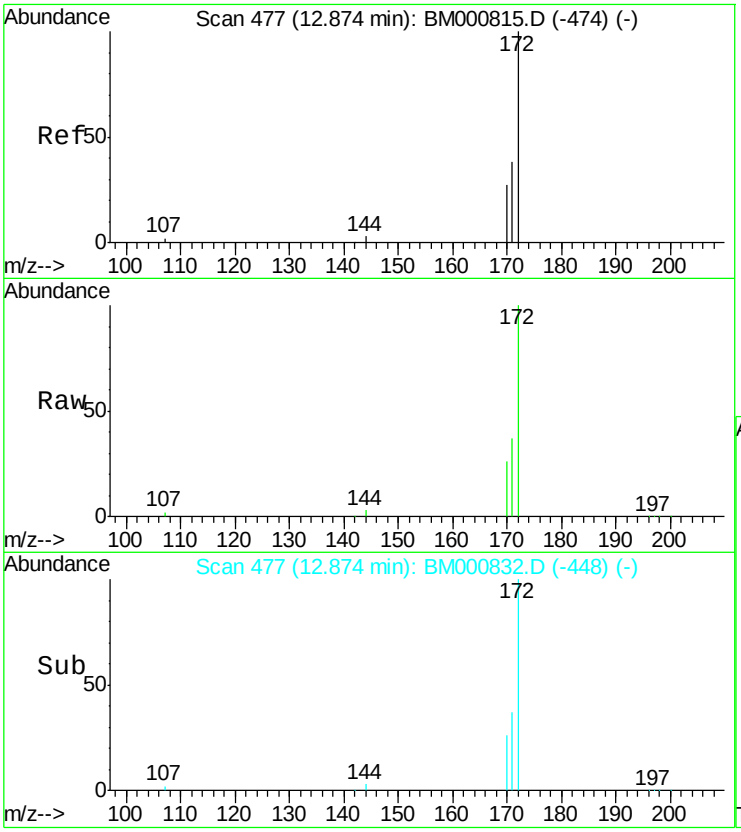


#22
2,4,5-Trichlorophenol
Concen: 0.15 ng
RT: 12.79 min Scan# 472
Delta R.T. 0.03 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:196 Resp: 151

Ion	Ratio	Lower	Upper
196	100		
198	102.2	57.9	86.9#
97	0.0	0.0	0.0
132	0.0	0.0	0.0



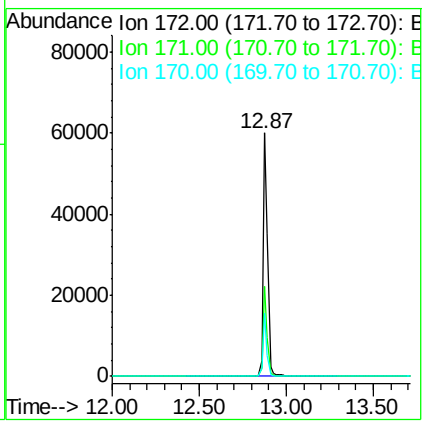


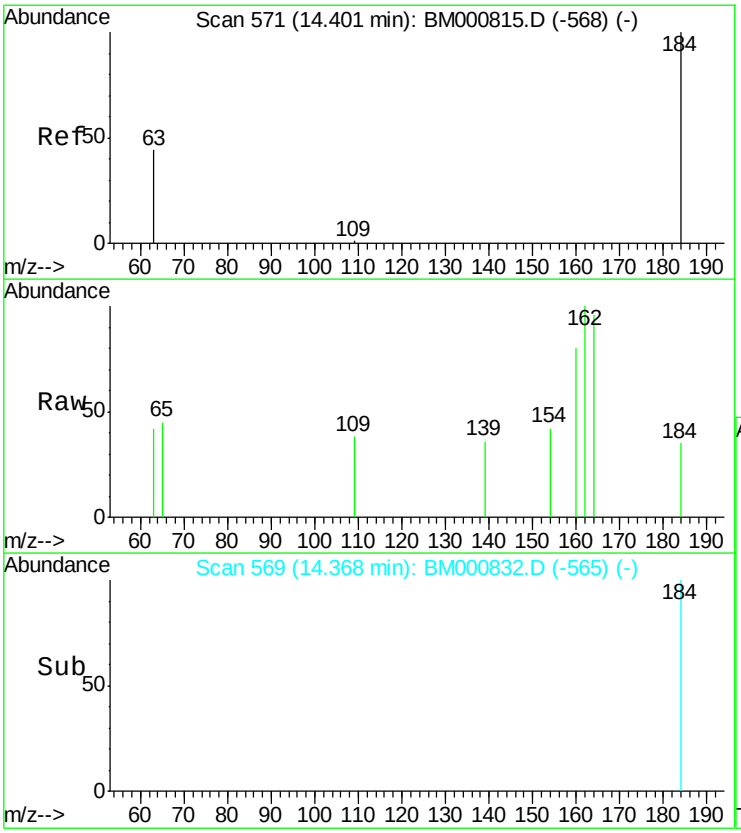
#23
2-Fluorobiphenyl
Concen: 5.96 ng
RT: 12.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 107462

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	26.0	22.2	33.2

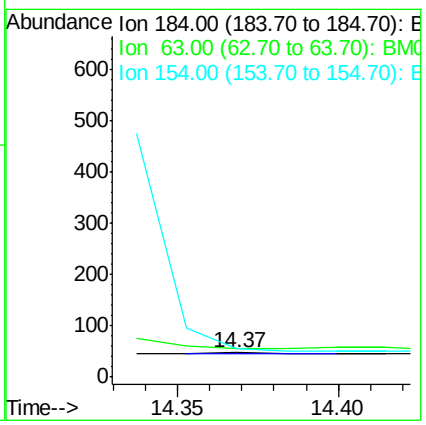


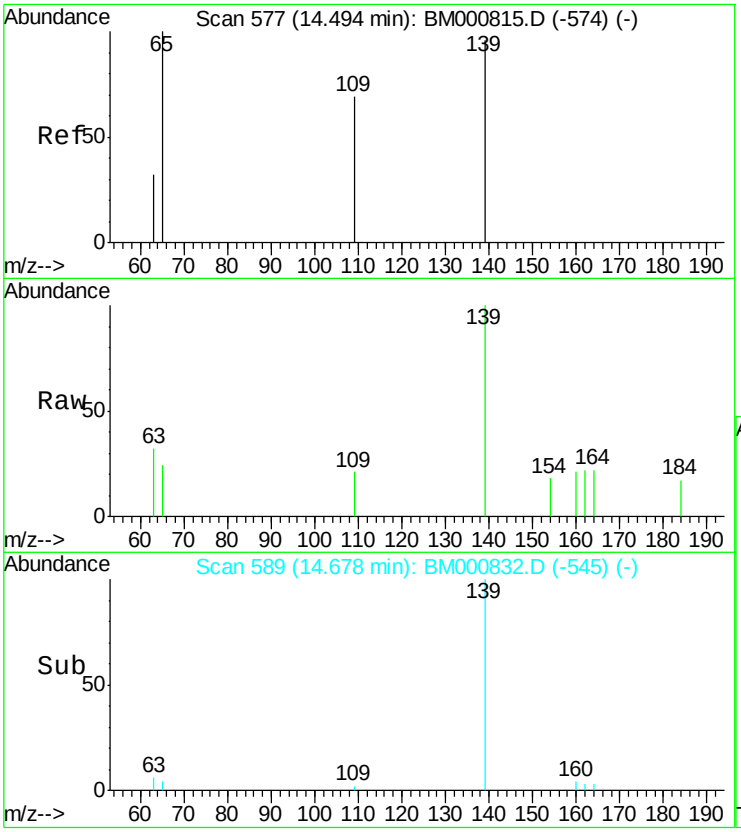


#24
2,4-Dinitrophenol
Concen: 0.00 ng
RT: 14.37 min Scan# 569
Delta R.T. -0.03 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:184 Resp: 1

Ion	Ratio	Lower	Upper
184	100		
63	118.8	62.7	94.1#
154	118.8	63.6	95.4#



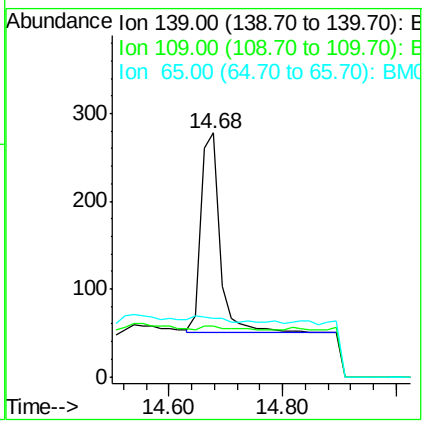


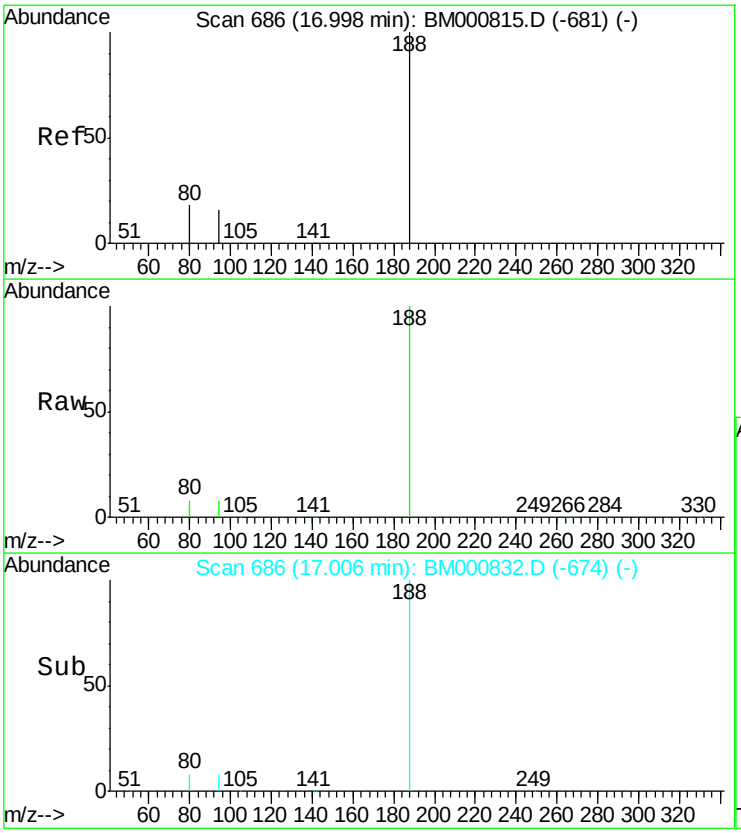
#25
4-Nitrophenol
Concen: 0.60 ng
RT: 14.68 min Scan# 589
Delta R.T. 0.18 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 524

Ion	Ratio	Lower	Upper
139	100		
109	20.5	58.2	98.2#
65	24.1	90.4	130.4#

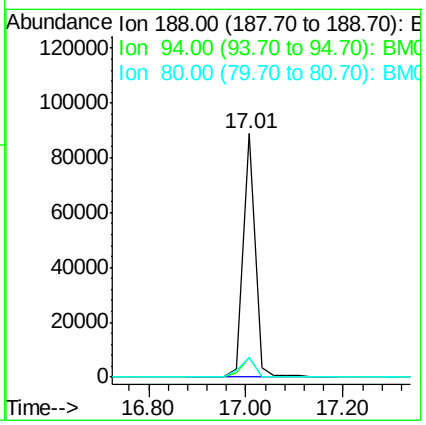


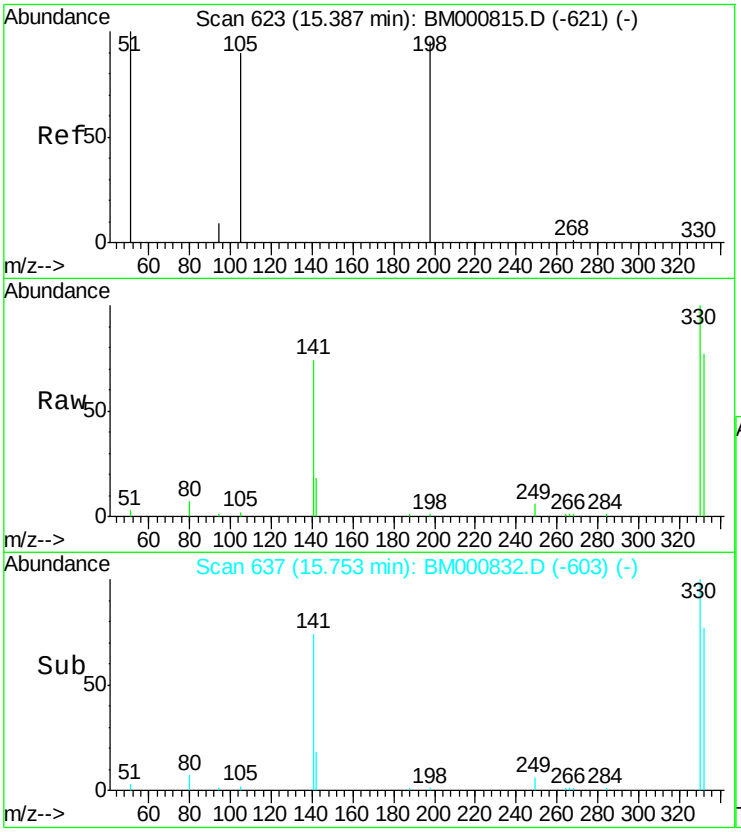


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 686
Delta R.T. 0.01 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:188 Resp: 149439

Ion	Ratio	Lower	Upper
188	100		
94	8.1	13.0	19.6#
80	7.9	14.7	22.1#



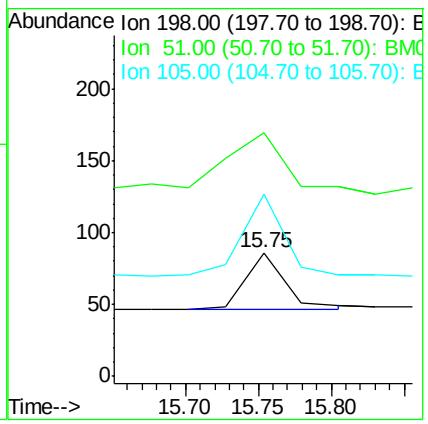


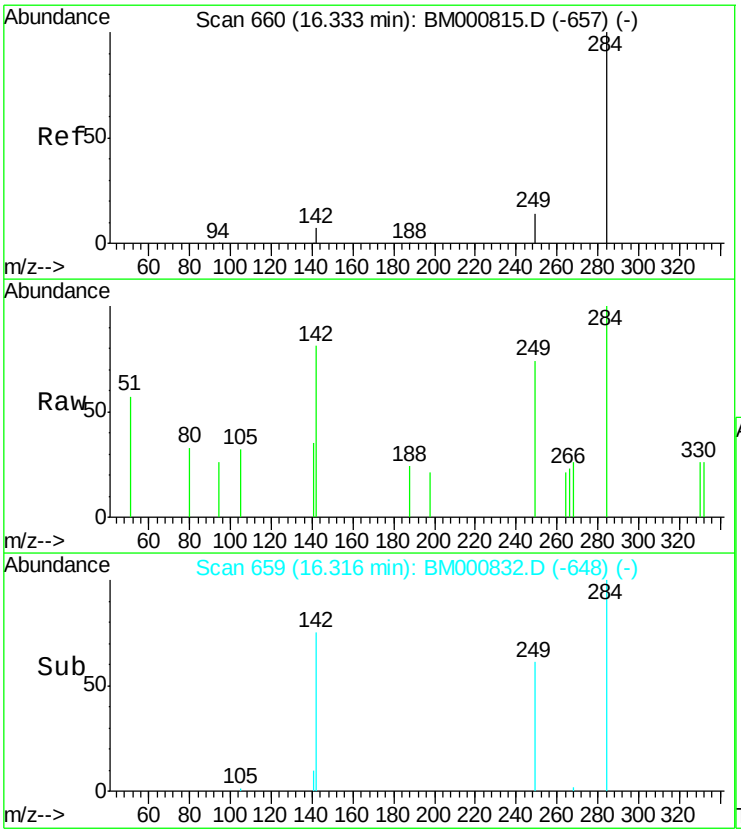
#27
4,6-Dinitro-2-methylphenol
Concen: 0.17 ng
RT: 15.75 min Scan# 637
Delta R.T. 0.37 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 71

Ion	Ratio	Lower	Upper
198	100		
51	196.5	139.3	179.3#
105	147.7	88.8	128.8#

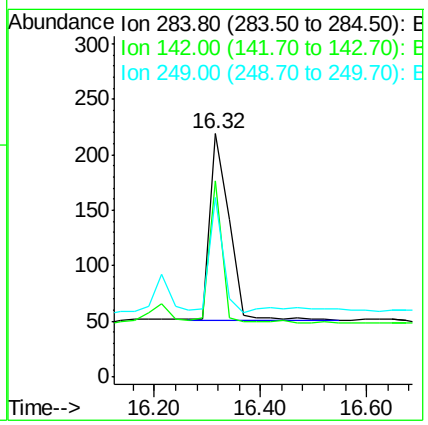


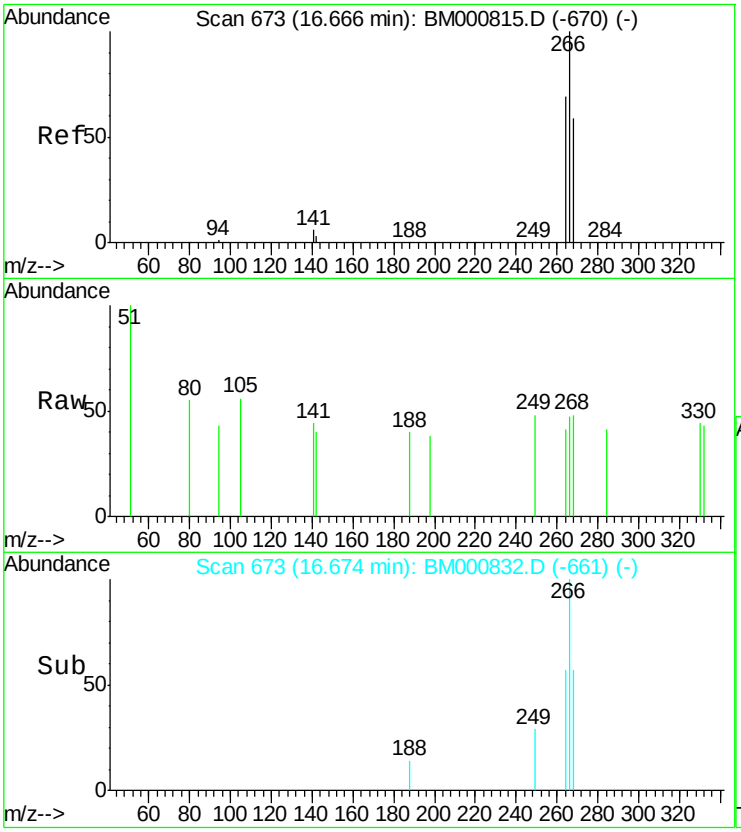


#28
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.32 min Scan# 659
Delta R.T. -0.02 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:284 Resp: 419

Ion	Ratio	Lower	Upper
284	100		
142	80.8	6.5	9.7#
249	74.0	12.6	18.8#



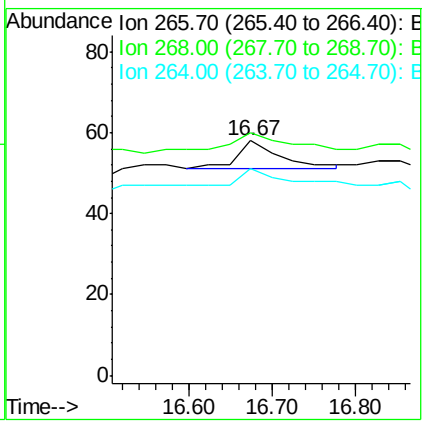


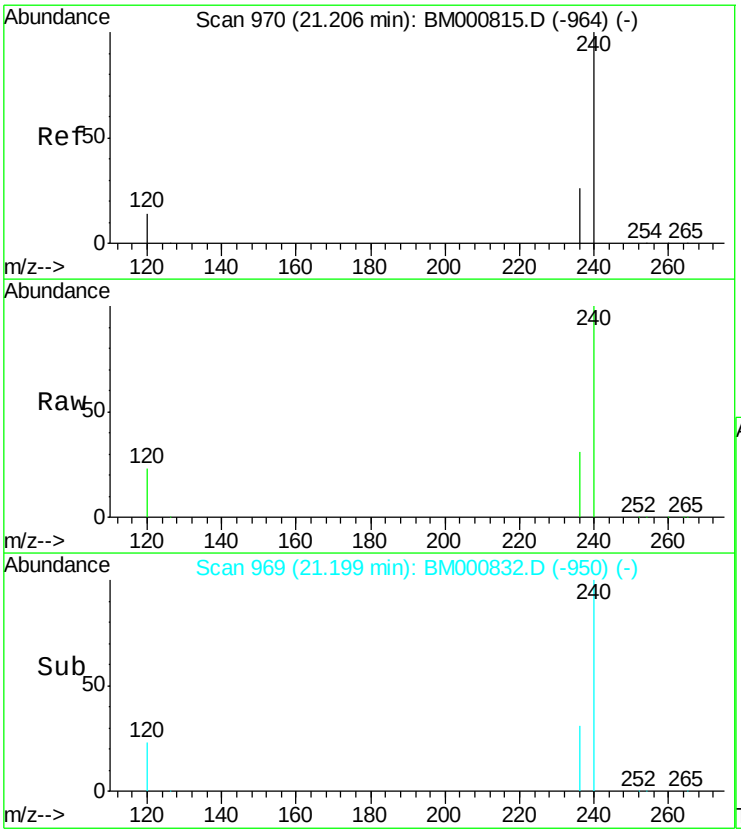
#29
Pentachlorophenol
Concen: 0.46 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
268	103.4	51.4	77.0#
264	87.9	57.1	85.7#

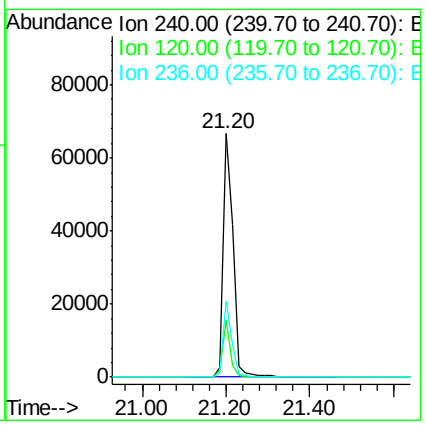


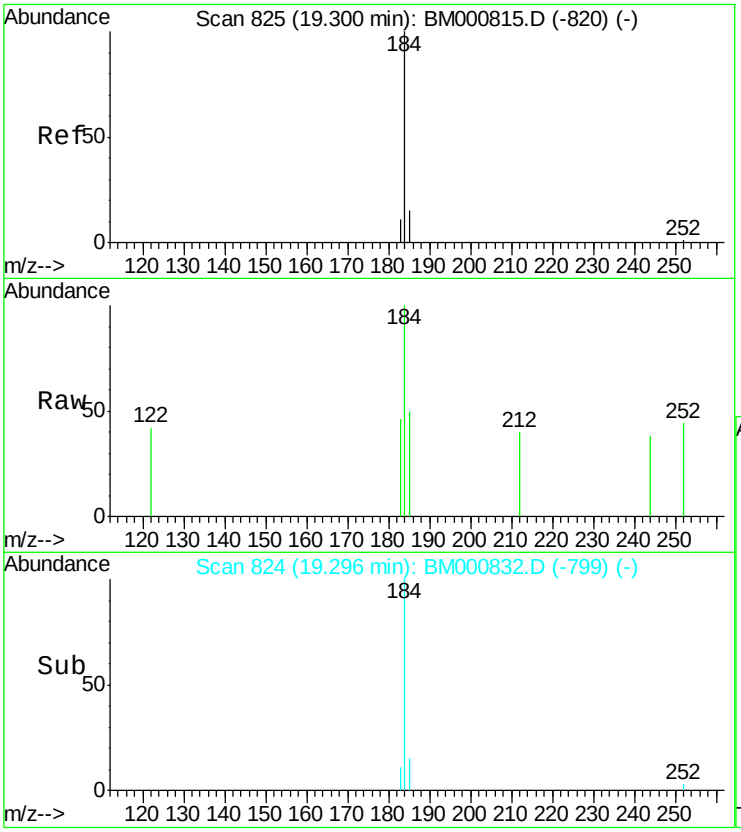


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:240 Resp: 109217

Ion	Ratio	Lower	Upper
240	100		
120	23.4	11.3	16.9#
236	31.0	21.1	31.7



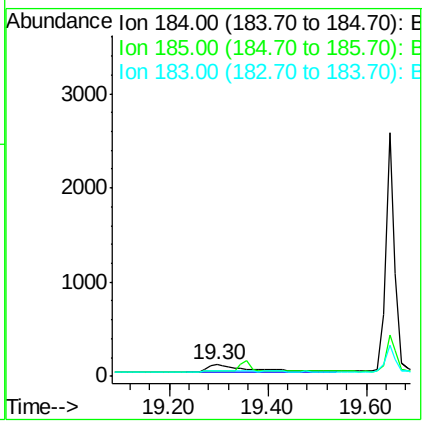


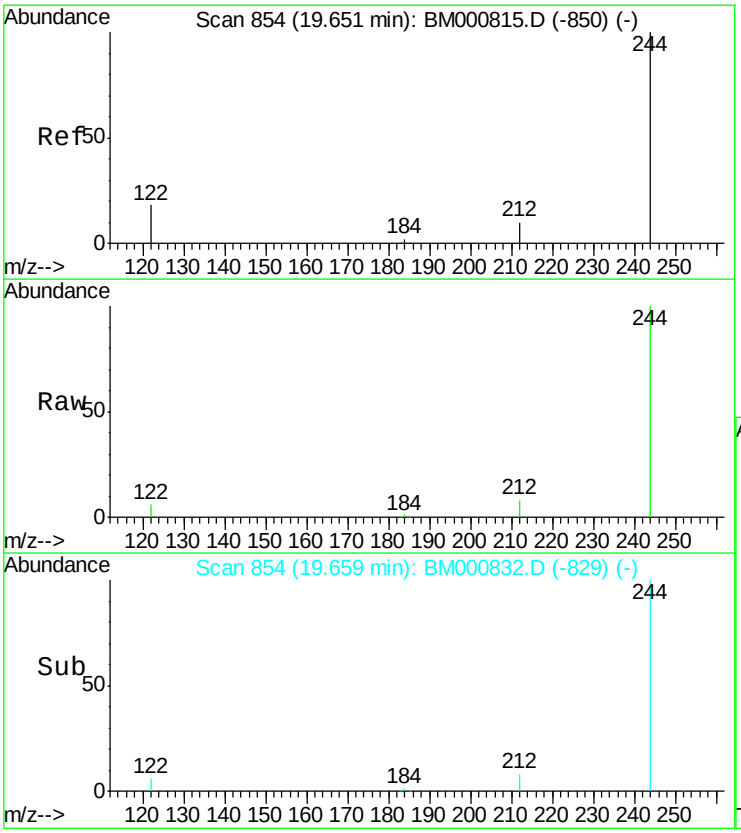
#31
Benzidine
Concen: 0.19 ng
RT: 19.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 442

Ion	Ratio	Lower	Upper
184	100		
185	49.6	39.1	58.7
183	46.3	36.1	54.1

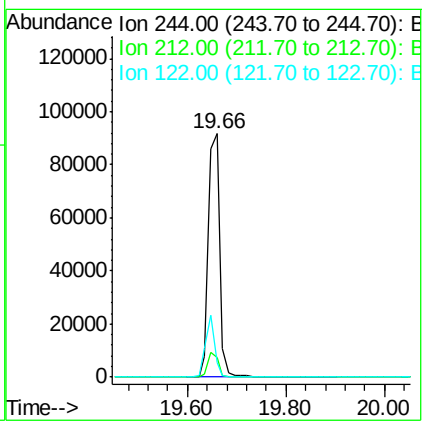


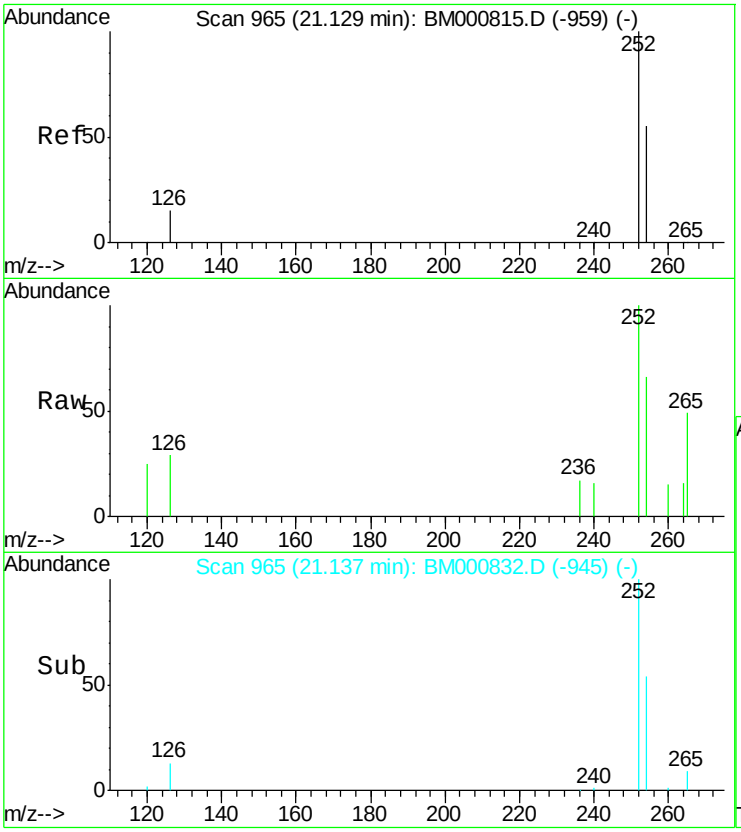


#32
Terphenyl-d14
Concen: 11.14 ng
RT: 19.66 min Scan# 854
Delta R.T. 0.01 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:244 Resp: 146394

Ion	Ratio	Lower	Upper
244	100		
212	7.8	8.0	12.0#
122	5.8	14.7	22.1#



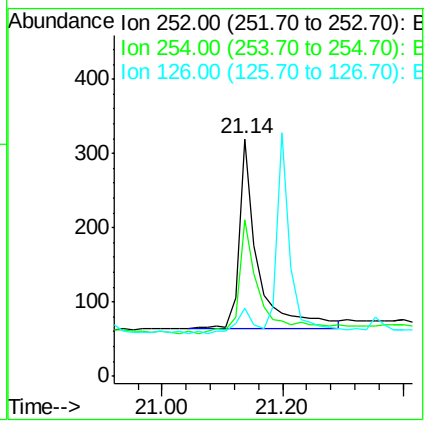


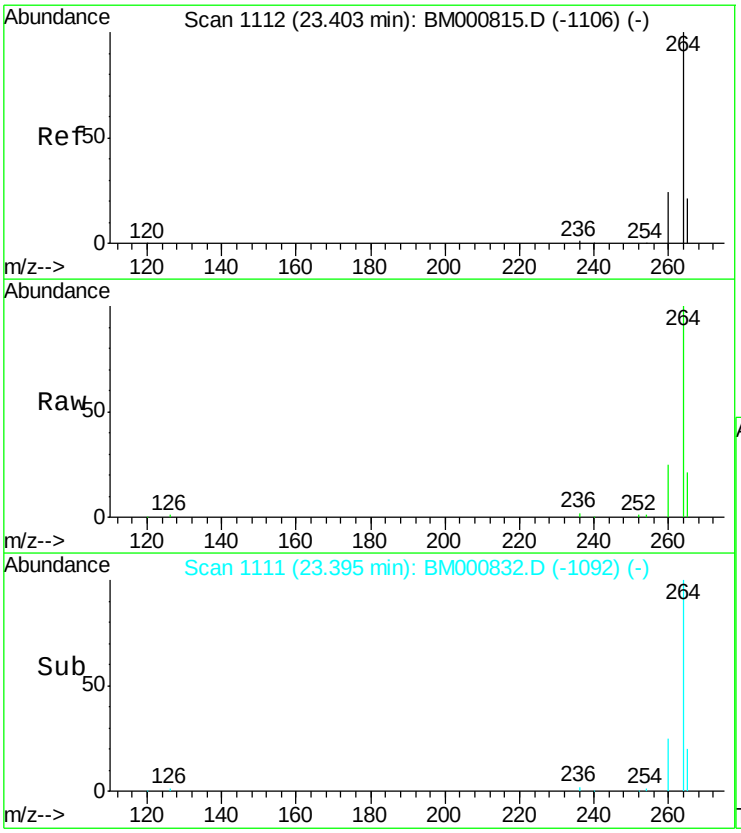
#33
3,3'-Dichlorobenzidine
Concen: 0.25 ng
RT: 21.14 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM000832.D
Acq: 03 Apr 2015 08:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 554

Ion	Ratio	Lower	Upper
252	100		
254	65.9	44.5	66.7
126	28.8	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: BM000832.D
Acq: 03 Apr 2015 08:19

Tgt Ion:264 Resp: 102777

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.1	28.7
265	20.8	17.5	26.3