Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001237.D
Acq On : 07 May 2015 03:50
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Quant Time: May 07 07:29:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM050615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 07:00:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	14940	5.00	ng		0.00
9) Naphthalene-d8	10.26	136	44680	5.00	ng		0.00
16) Acenaphthene-d10	14.15	164	24304	5.00	ng		0.00
23) Phenanthrene-d10	16.90	188	44187	5.00	ng		0.00
27) Chrysene-d12	21.09	240	49848	5.00	ng		0.00
29) Perylene-d12	23.23	264	46081	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	2527	1.04	ng		0.00
4) Phenol-d6	6.65	99	3529	1.02	ng		0.00
10) Nitrobenzene-d5	8.61	82	2709	1.01	ng		0.00
17) 2,4,6-Tribromophenol	15.64	330	960	0.92	ng		0.00
20) 2-Fluorobiphenyl	12.76	172	7786	1.03	ng		0.00
28) Terphenyl-d14	19.54	244	6753	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	993	1.02	ng		100
5) 2-Chlorophenol	7.05	128	2166	1.02	ng		99
6) Phenol	6.68	94	3232	0.98	ng		97
7) 2-Methylphenol	7.94	107	1742	1.00	ng		99
8) 3+4-Methylphenols	8.24	107	2448	1.01	ng	#	39
11) 2-Nitrophenol	9.39	139	981	0.95	ng		98
12) 2,4-Dimethylphenol	9.46	122	2160	1.00	ng		99
13) 2,4-Dichlorophenol	9.92	162	2184	1.00	ng		99
14) 4-Chloro-3-methylphenol	11.55	107	2255	0.96	ng		92
15) 2-Methylnaphthalene	11.92	142	6712	1.05	ng		99
18) 2,4,6-Trichlorophenol	12.56	196	1734	0.95	ng		98
19) 2,4,5-Trichlorophenol	12.64	196	1932	0.92	ng		98
21) 2,4-Dinitrophenol	14.29	184	250	0.91	ng		97
22) 4-Nitrophenol	14.40	139	465	1.04	ng		98
24) 4,6-Dinitro-2-methylphenol	15.29	198	641	0.94	ng	#	77
25) Hexachlorobenzene	16.21	284	3381	1.04	ng		98
26) Pentachlorophenol	16.56	266	632	1.01	ng		98

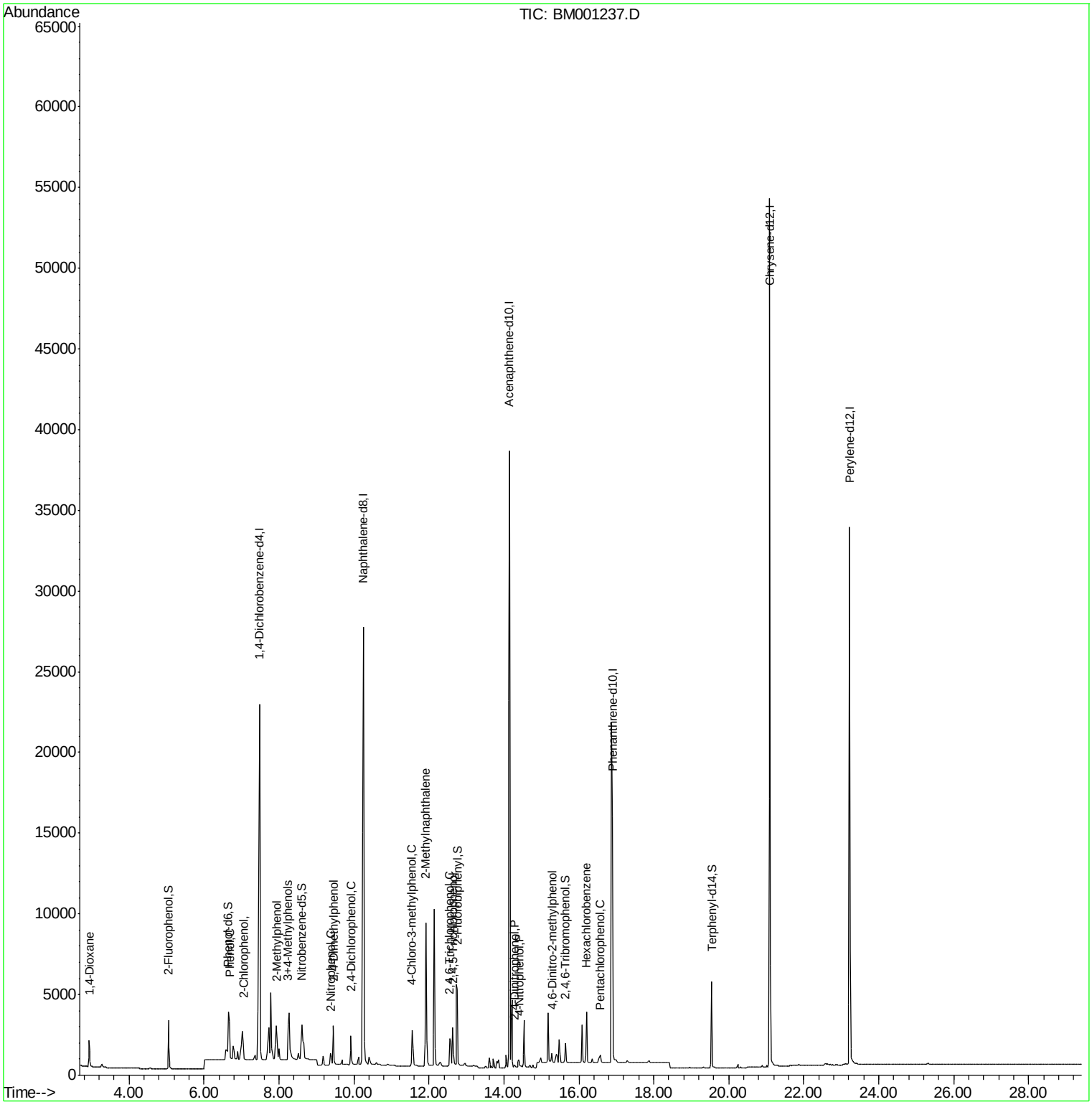
(#) = qualifier out of range (m) = manual integration (+) = signals summed

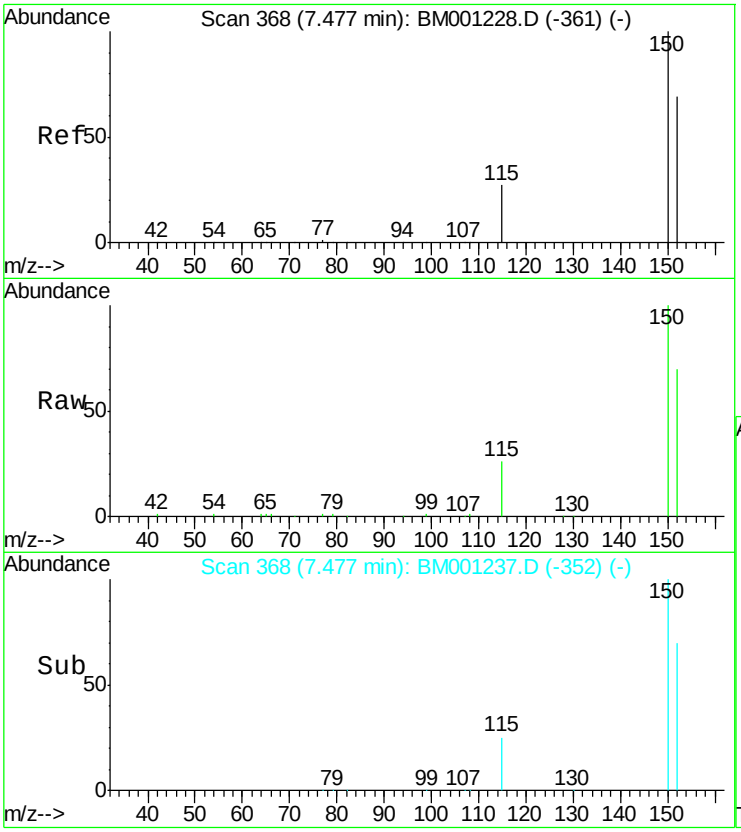
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001237.D
Acq On : 07 May 2015 03:50
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Quant Time: May 07 07:29:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM050615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 07:00:24 2015
Response via : Initial Calibration



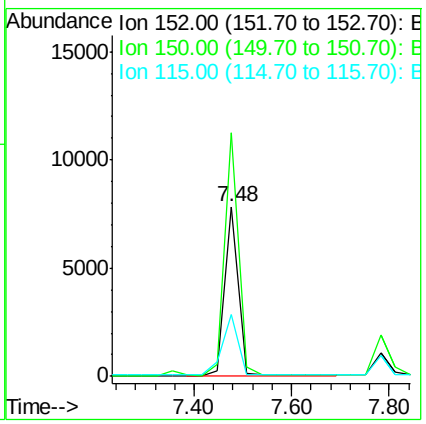


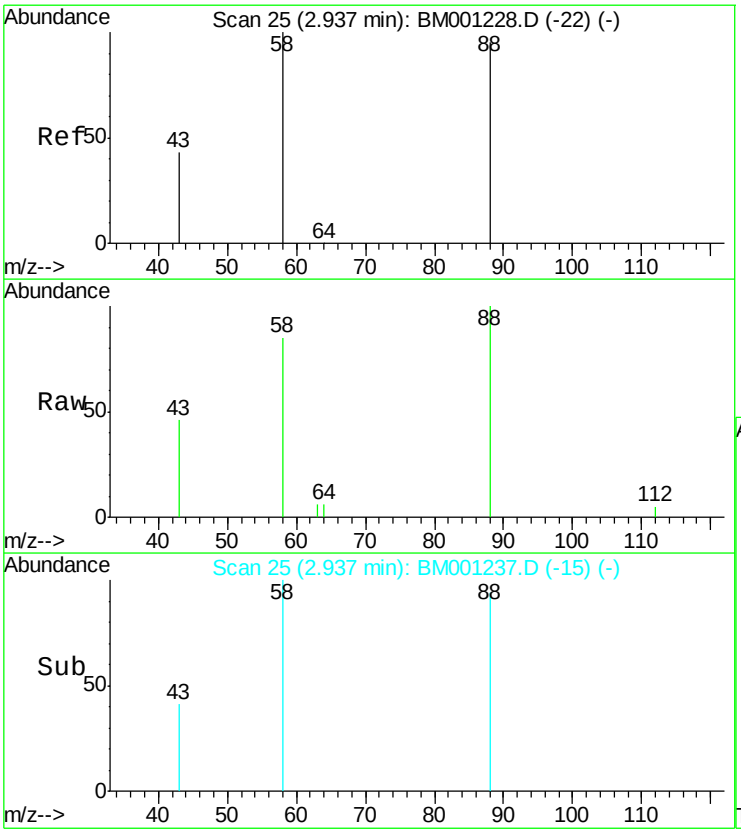
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 14940

Ion	Ratio	Lower	Upper
152	100		
150	143.3	116.3	174.5
115	36.5	31.9	47.9

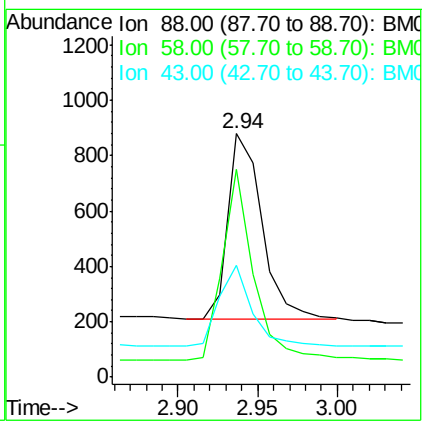


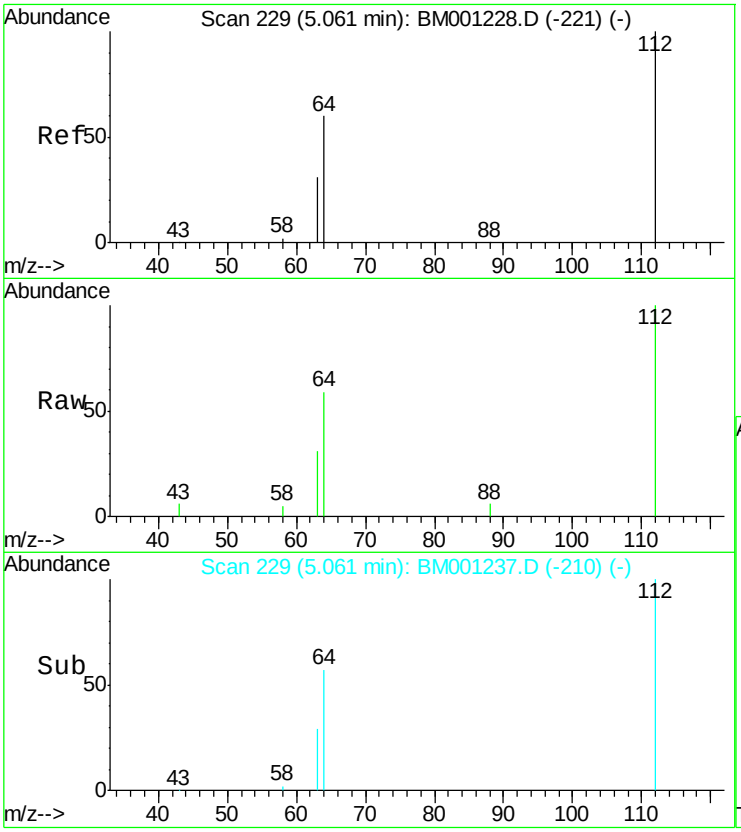


#2
1,4-Dioxane
Concen: 1.02 ng
RT: 2.94 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion: 88 Resp: 993

Ion	Ratio	Lower	Upper
88	100		
58	94.5	75.5	113.3
43	41.8	32.7	49.1



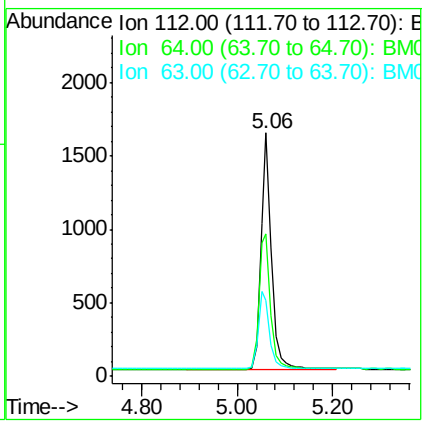


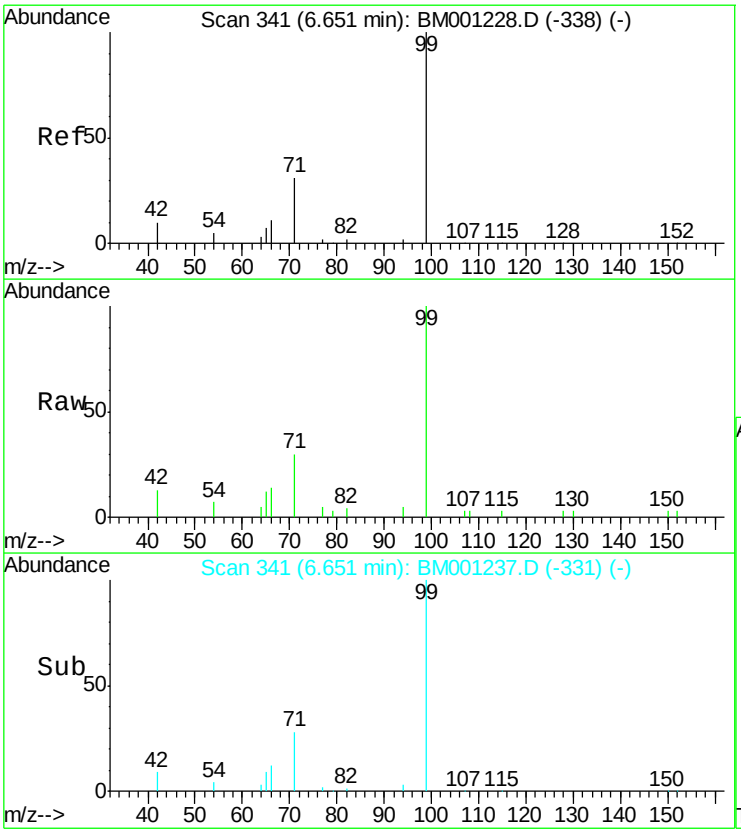
#3
2-Fluorophenol
Concen: 1.04 ng
RT: 5.06 min Scan# 229
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:112 Resp: 2527

Ion	Ratio	Lower	Upper
112	100		
64	58.6	49.3	73.9
63	31.1	26.2	39.4

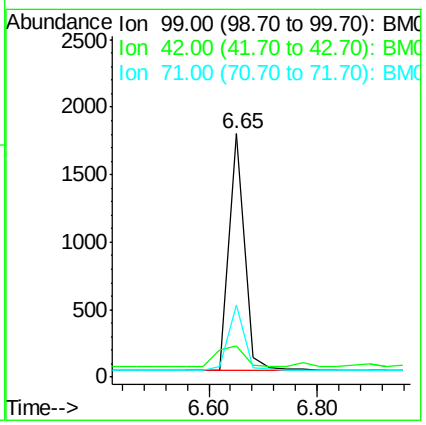


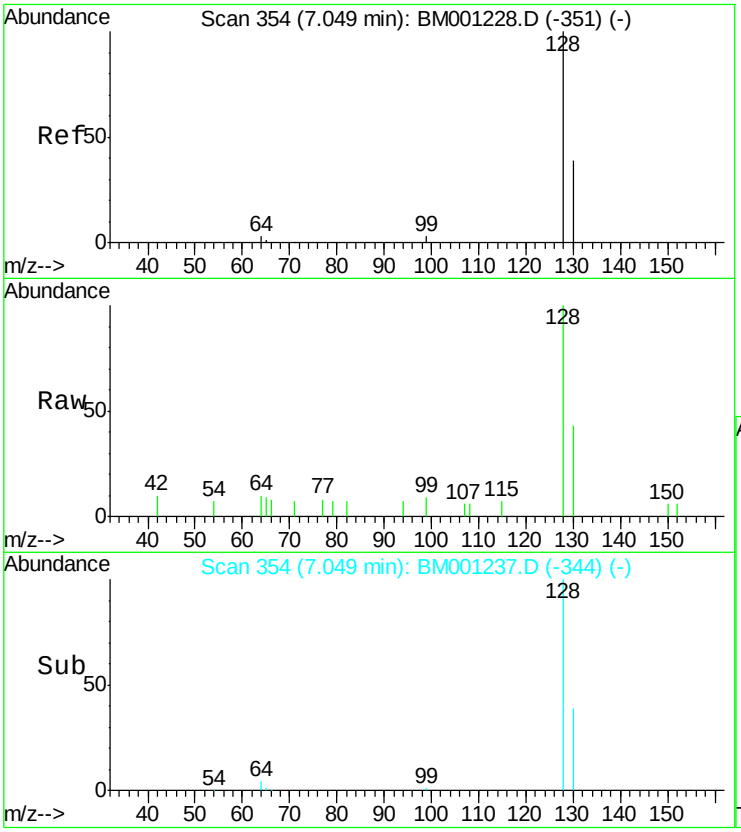


#4
Phenol-d6
Concen: 1.02 ng
RT: 6.65 min Scan# 341
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion: 99 Resp: 3529

Ion	Ratio	Lower	Upper
99	100		
42	12.9	12.1	18.1
71	29.6	26.4	39.6



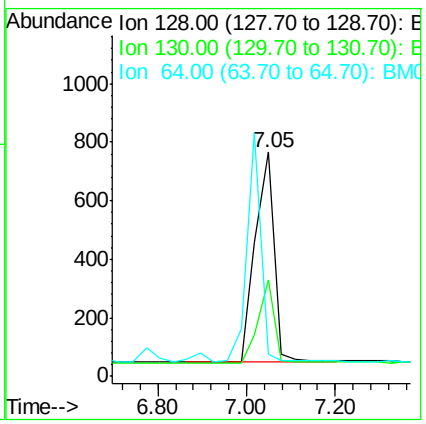


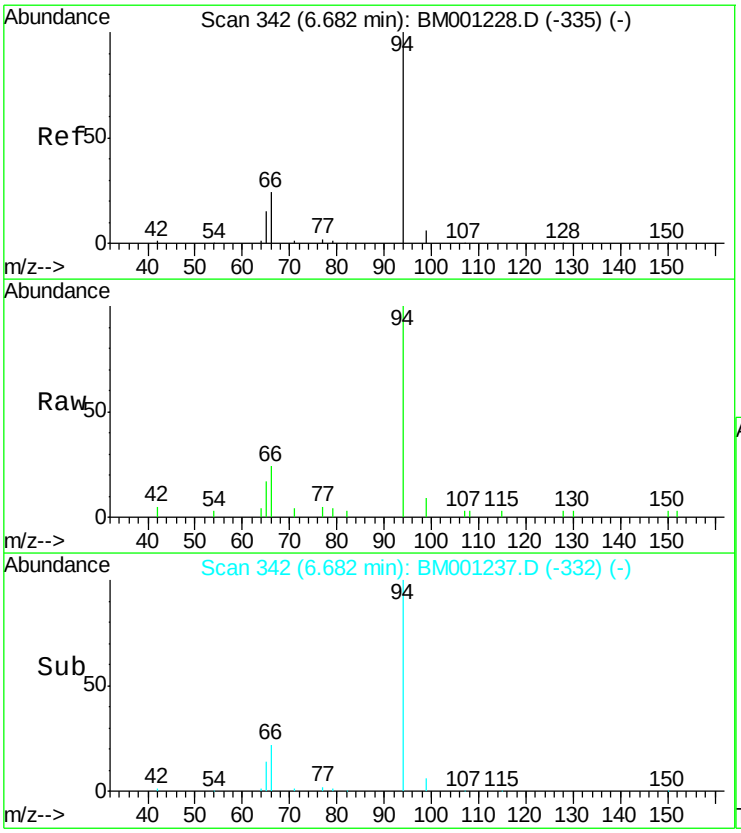
#5
2-Chlorophenol
Concen: 1.02 ng
RT: 7.05 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 2166

Ion	Ratio	Lower	Upper
128	100		
130	42.8	22.2	62.2
64	9.9	0.0	28.7

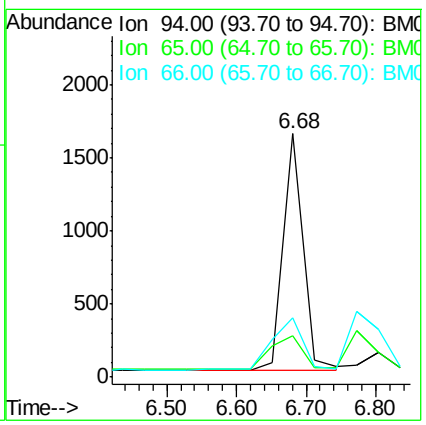


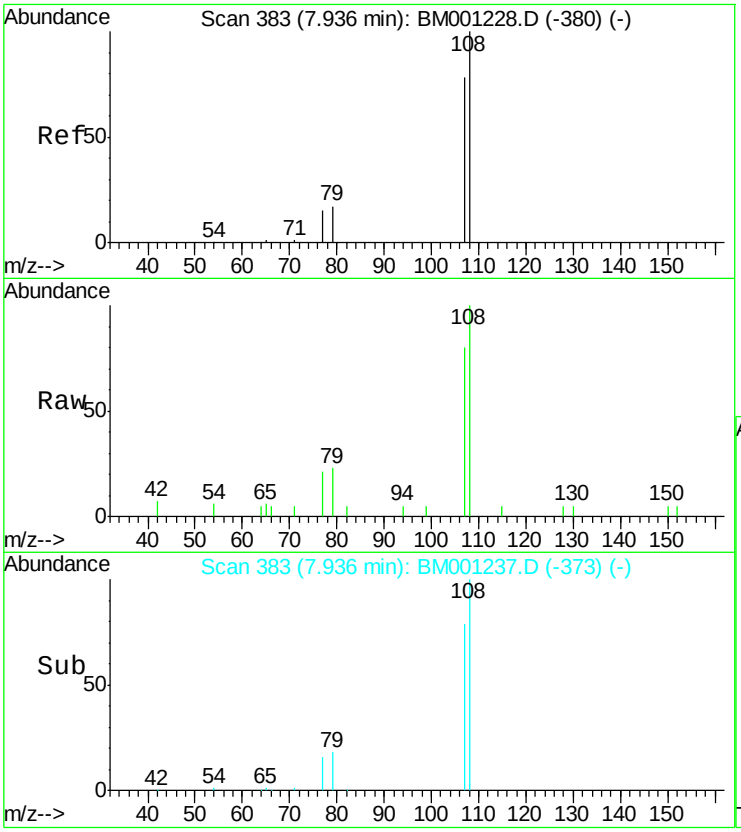


#6
Phenol
Concen: 0.98 ng
RT: 6.68 min Scan# 342
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion: 94 Resp: 3232

Ion	Ratio	Lower	Upper
94	100		
65	16.9	0.0	37.7
66	24.2	6.3	46.3



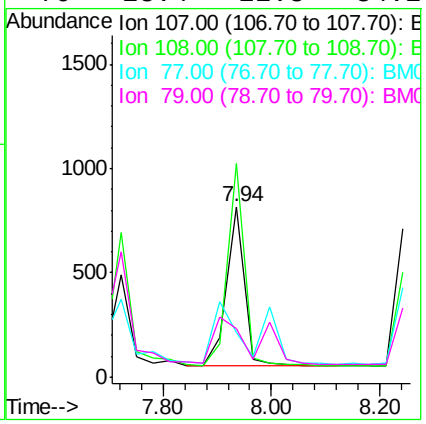


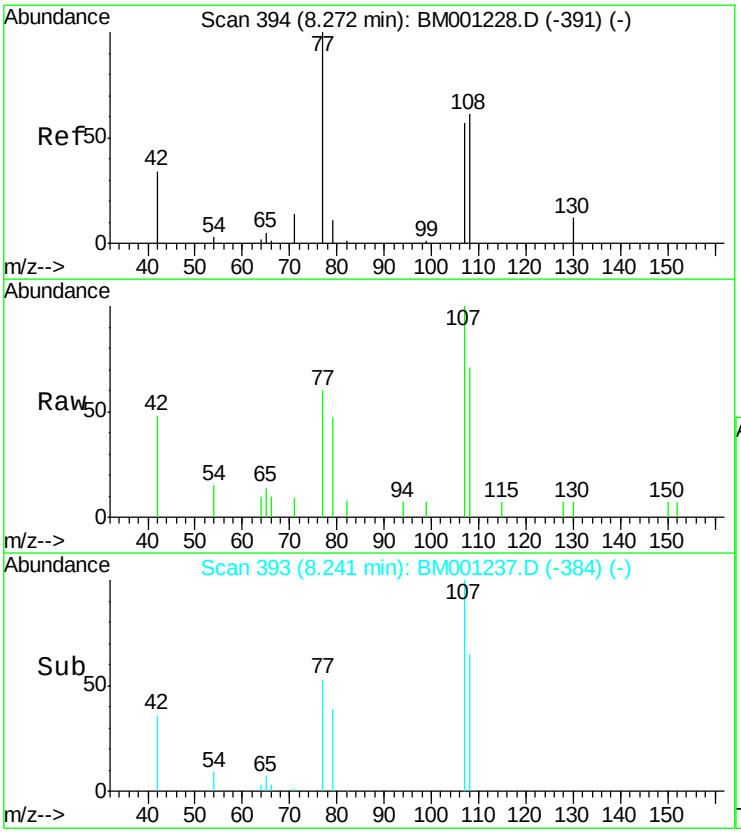
#7
2-Methylphenol
Concen: 1.00 ng
RT: 7.94 min Scan# 383
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:107 Resp: 1742

Ion	Ratio	Lower	Upper
107	100		
108	125.0	100.9	151.3
77	26.1	20.3	30.5
79	28.4	22.8	34.2

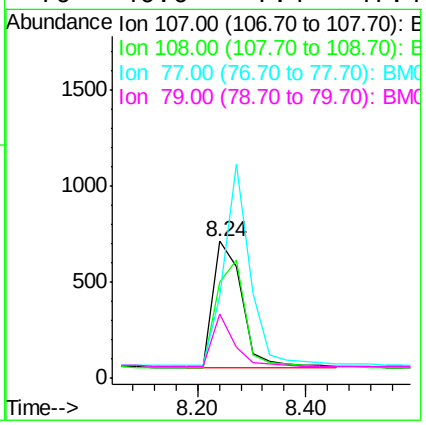


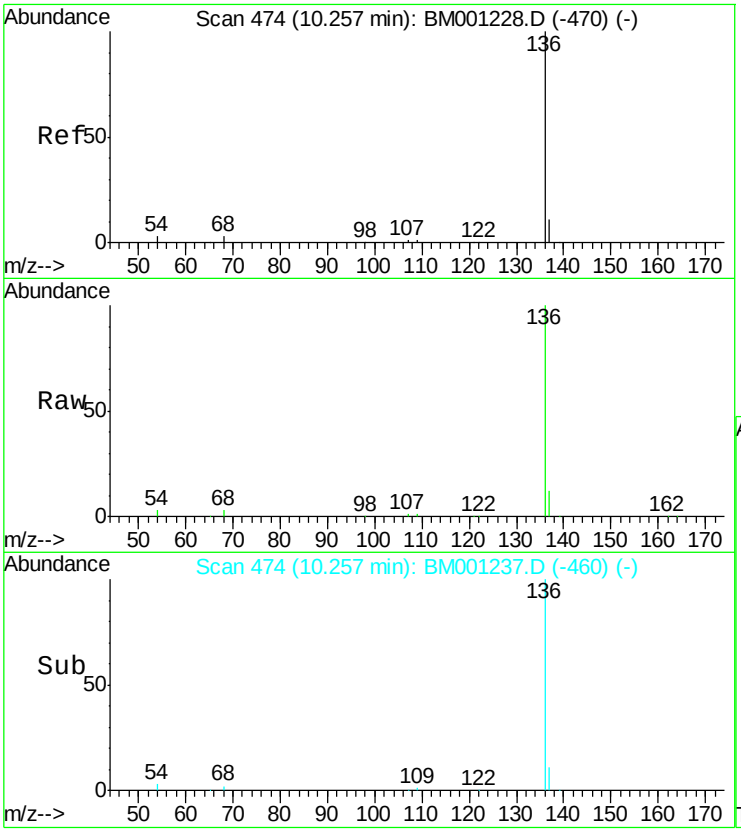


#8
3+4-Methylphenols
Concen: 1.01 ng
RT: 8.24 min Scan# 393
Delta R.T. -0.03 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:107 Resp: 2448

Ion	Ratio	Lower	Upper
107	100		
108	70.6	86.3	126.3#
77	60.3	151.7	191.7#
79	46.6	7.4	47.4



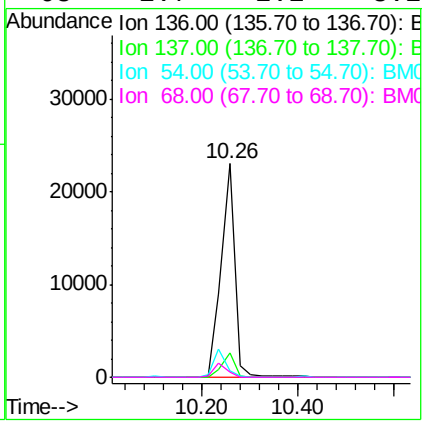


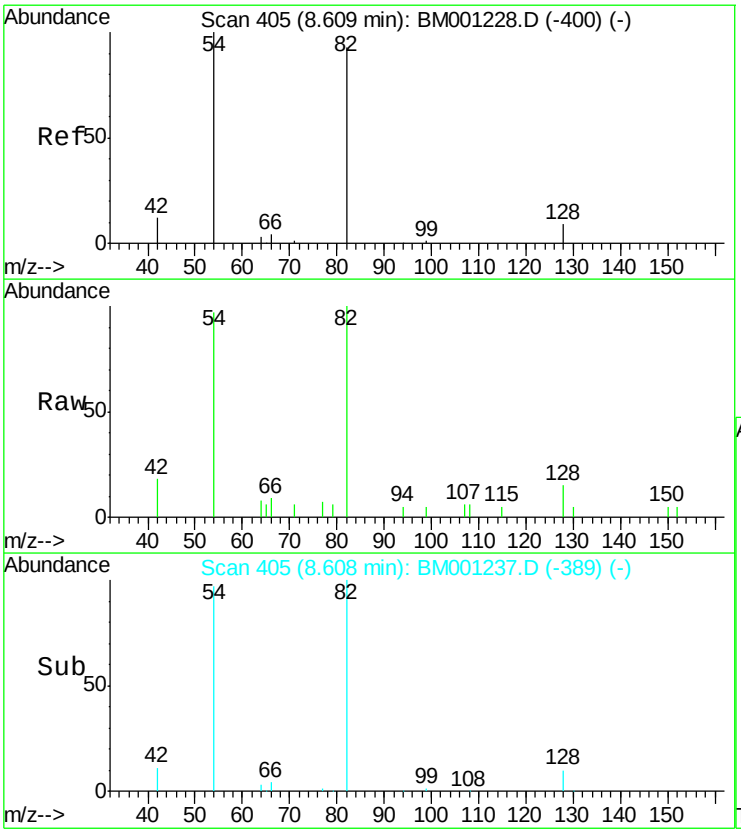
#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 44680

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	3.0	2.6	3.8
68	2.7	2.2	3.2

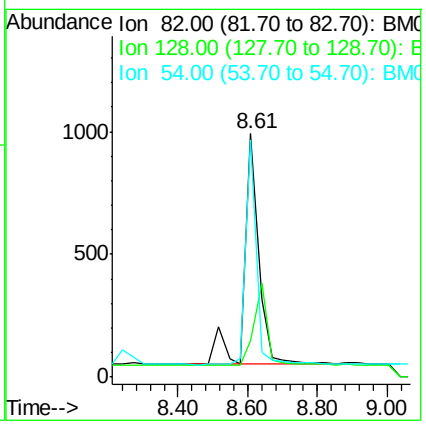


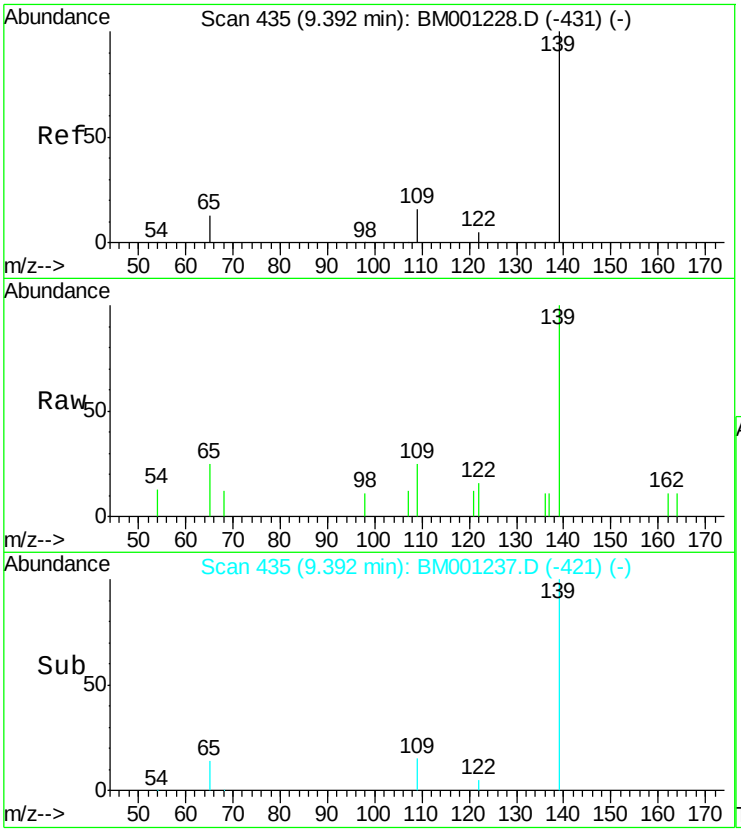


#10
Nitrobenzene-d5
Concen: 1.01 ng
RT: 8.61 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion: 82 Resp: 2709

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	70.1	59.0	88.6



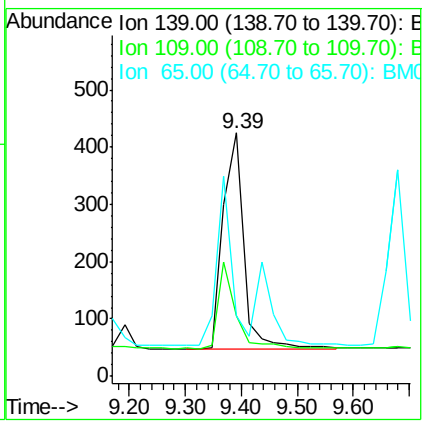


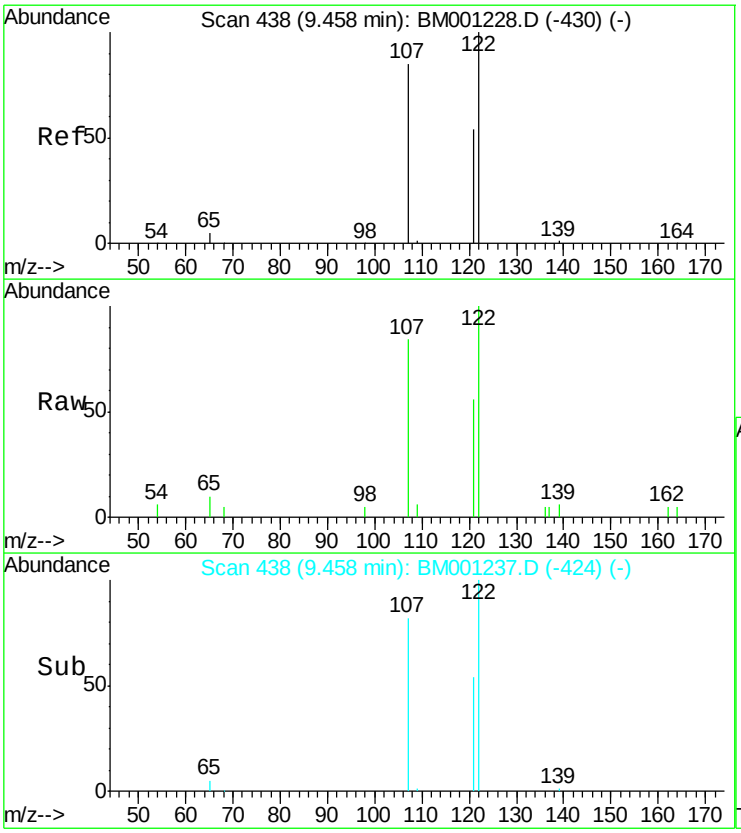
#11
2-Nitrophenol
Concen: 0.95 ng
RT: 9.39 min Scan# 435
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:139 Resp: 981

Ion	Ratio	Lower	Upper
139	100		
109	24.7	19.5	29.3
65	24.7	18.6	28.0

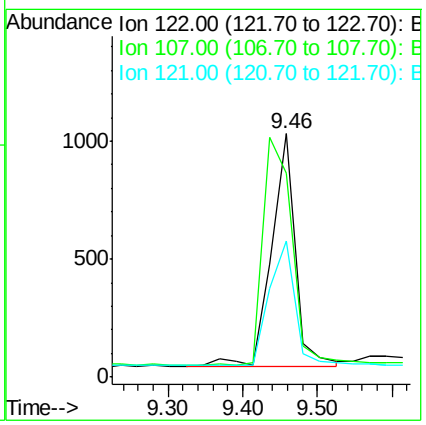


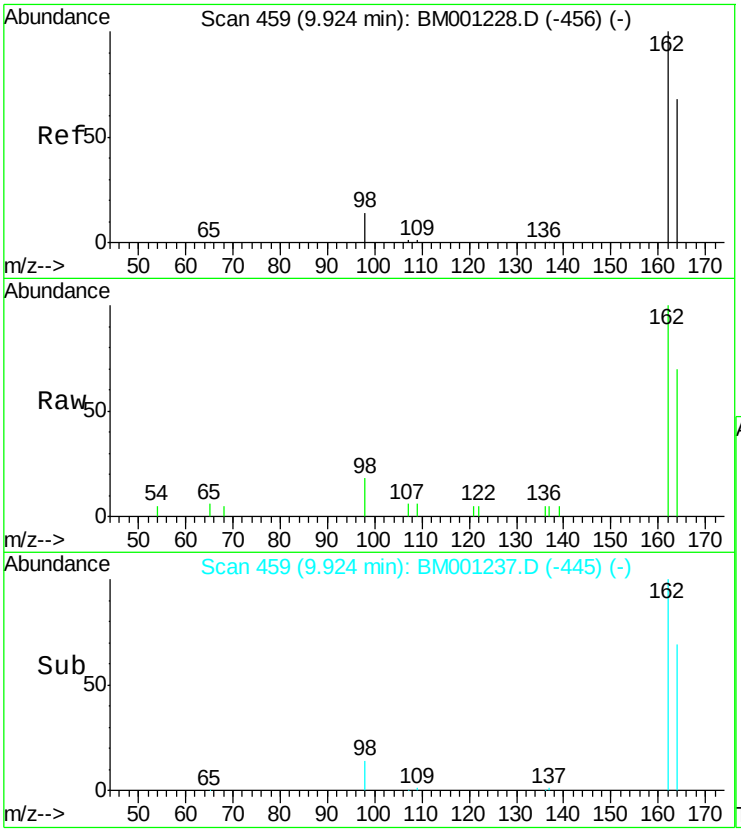


#12
2,4-Dimethylphenol
Concen: 1.00 ng
RT: 9.46 min Scan# 438
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:122 Resp: 2160

Ion	Ratio	Lower	Upper
122	100		
107	83.6	68.6	102.8
121	55.8	44.8	67.2



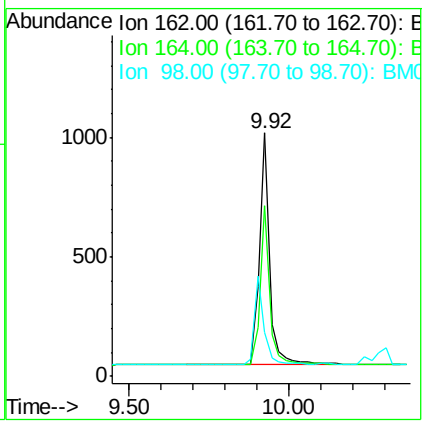


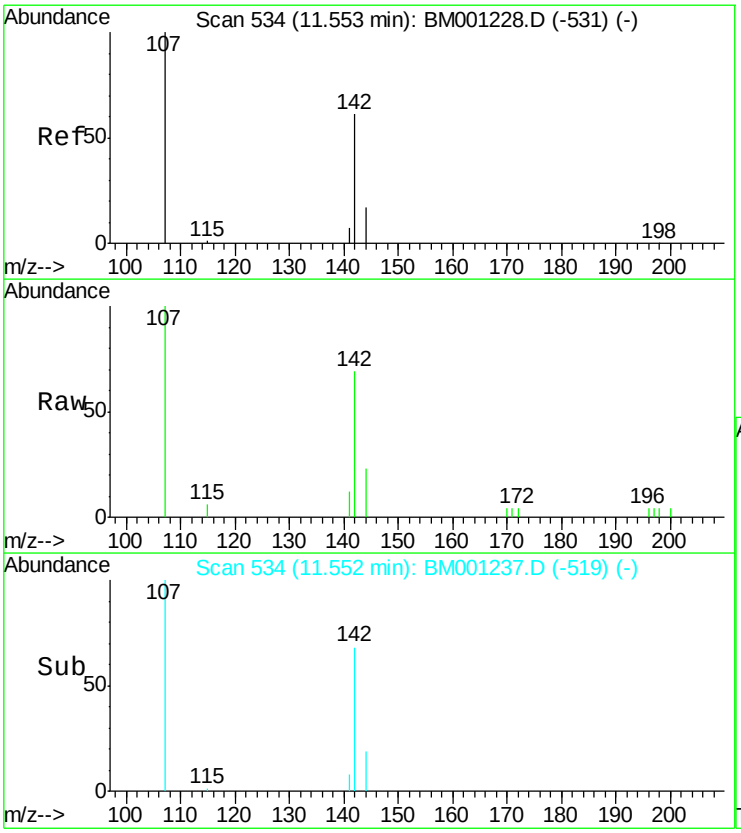
#13
2,4-Dichlorophenol
Concen: 1.00 ng
RT: 9.92 min Scan# 459
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:162 Resp: 2184

Ion	Ratio	Lower	Upper
162	100		
164	70.0	49.2	89.2
98	17.8	0.0	37.4

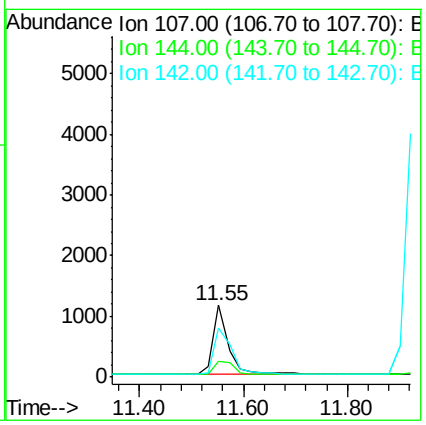


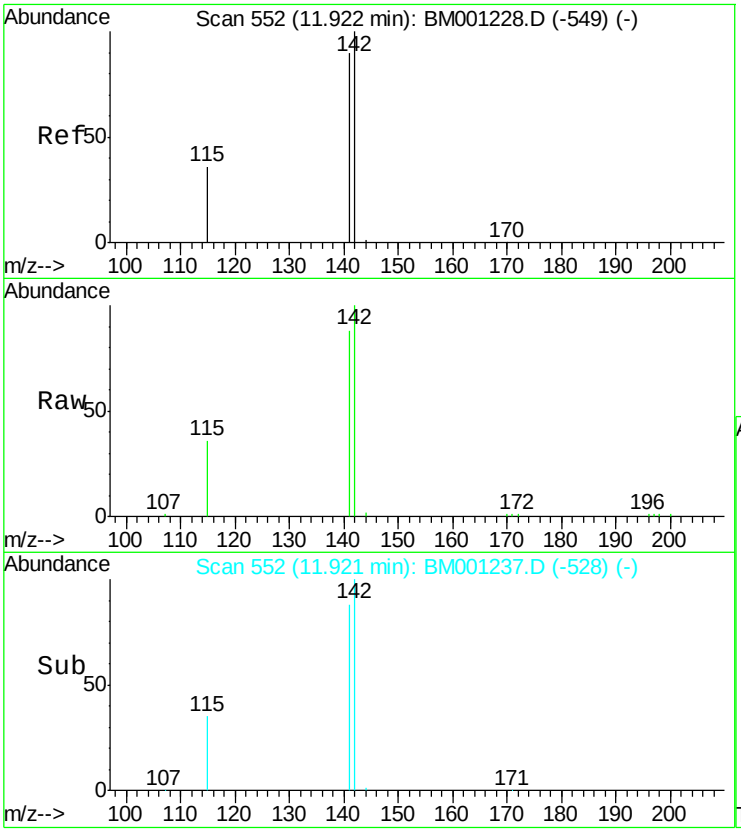


#14
4-Chloro-3-methylphenol
Concen: 0.96 ng
RT: 11.55 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:107 Resp: 2255

Ion	Ratio	Lower	Upper
107	100		
144	22.5	16.2	24.2
142	68.9	49.8	74.6



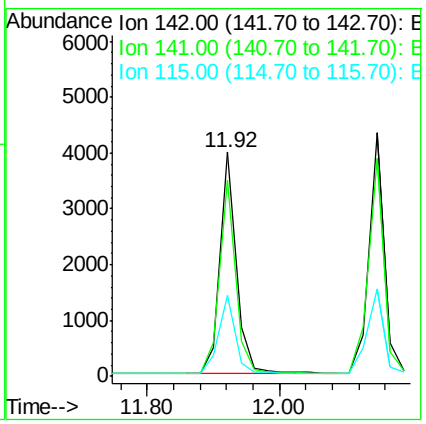


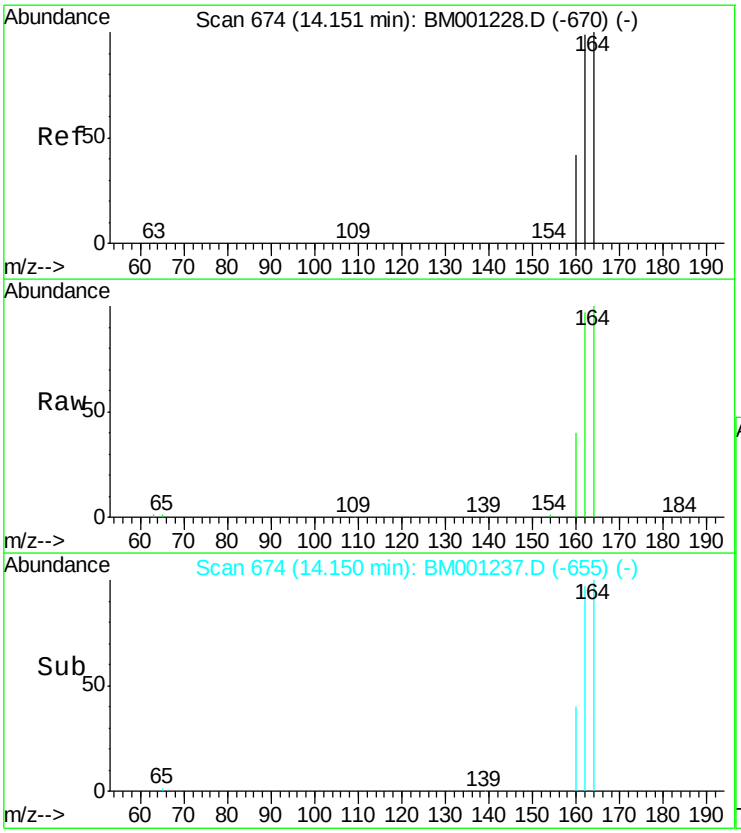
#15
2-Methylnaphthalene
Concen: 1.05 ng
RT: 11.92 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 6712

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.0
115	36.3	29.3	43.9

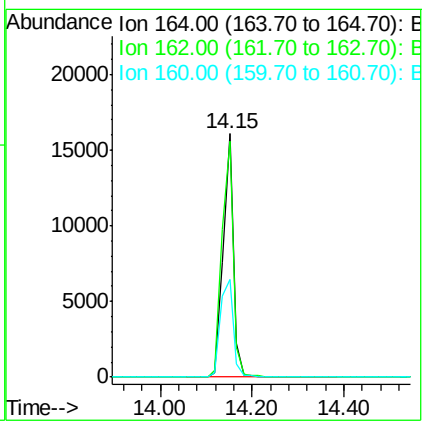


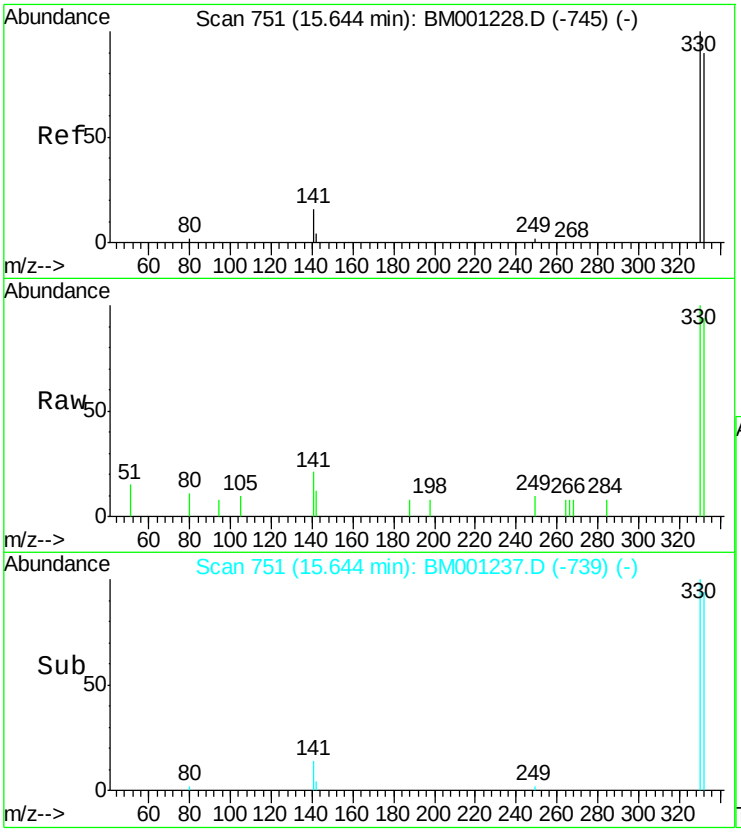


#16
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:164 Resp: 24304

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.2	118.8
160	40.1	33.7	50.5



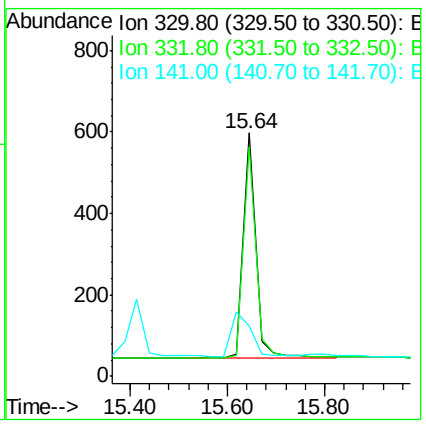


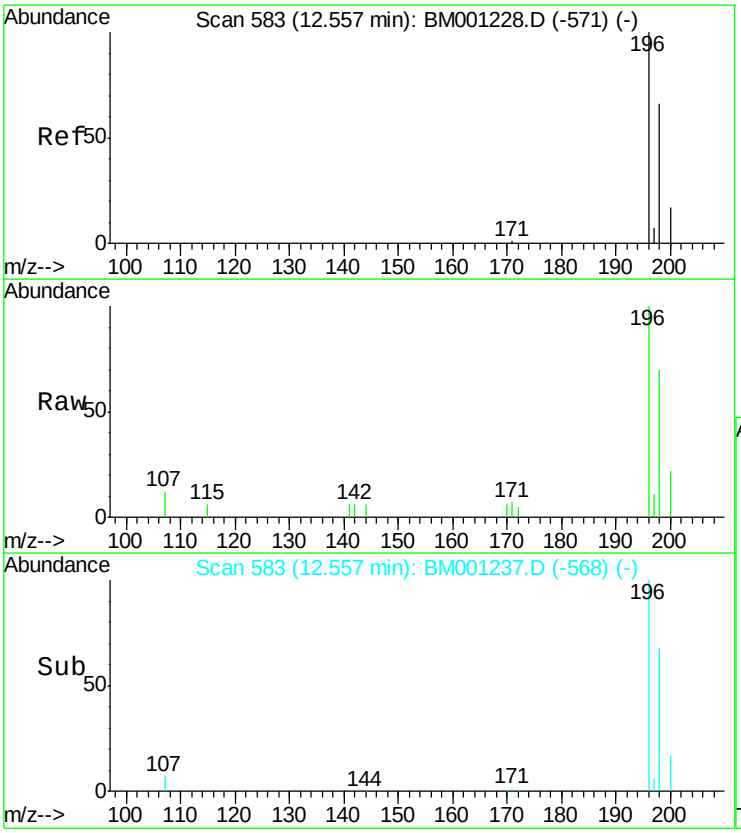
#17
2,4,6-Tribromophenol
Concen: 0.92 ng
RT: 15.64 min Scan# 751
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 960

Ion	Ratio	Lower	Upper
330	100		
332	95.2	74.0	111.0
141	0.0	24.1	36.1#

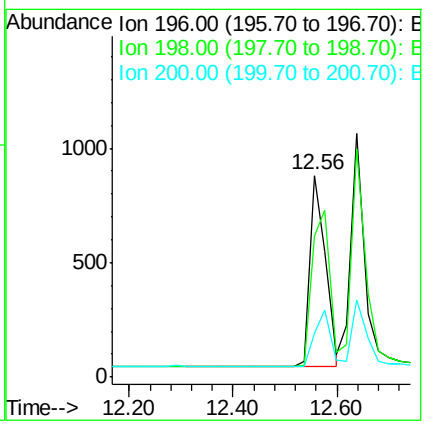


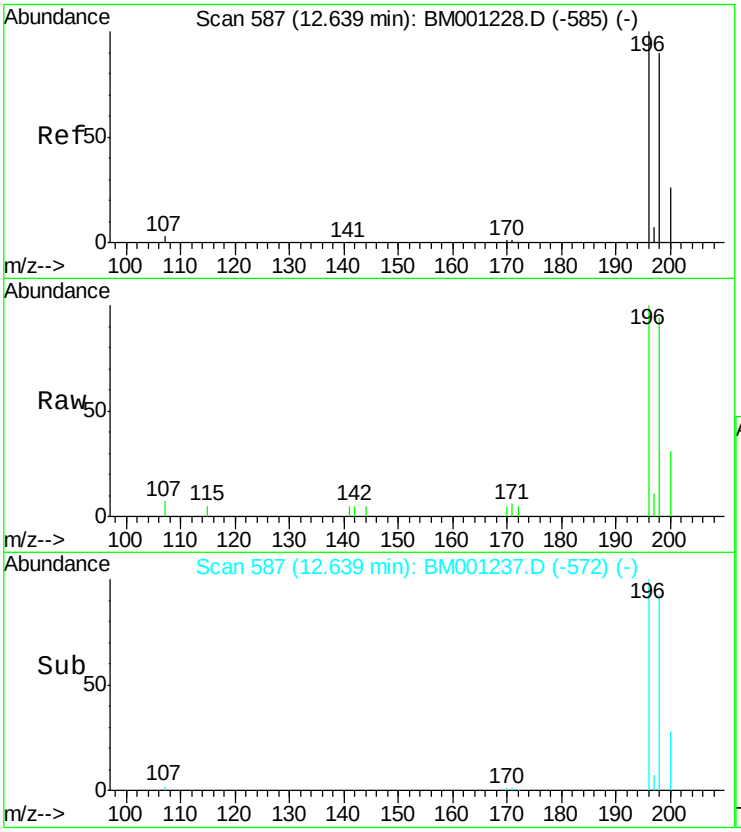


#18
2,4,6-Trichlorophenol
Concen: 0.95 ng
RT: 12.56 min Scan# 583
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:196 Resp: 1734

Ion	Ratio	Lower	Upper
196	100		
198	70.0	54.2	81.2
200	21.5	17.1	25.7



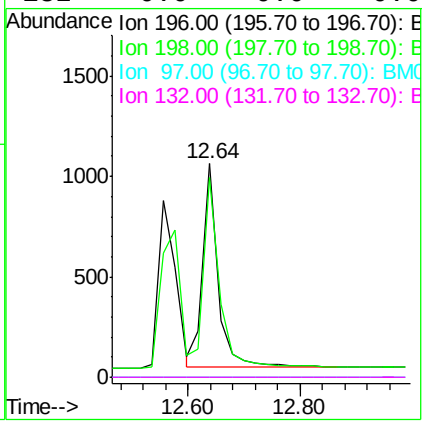


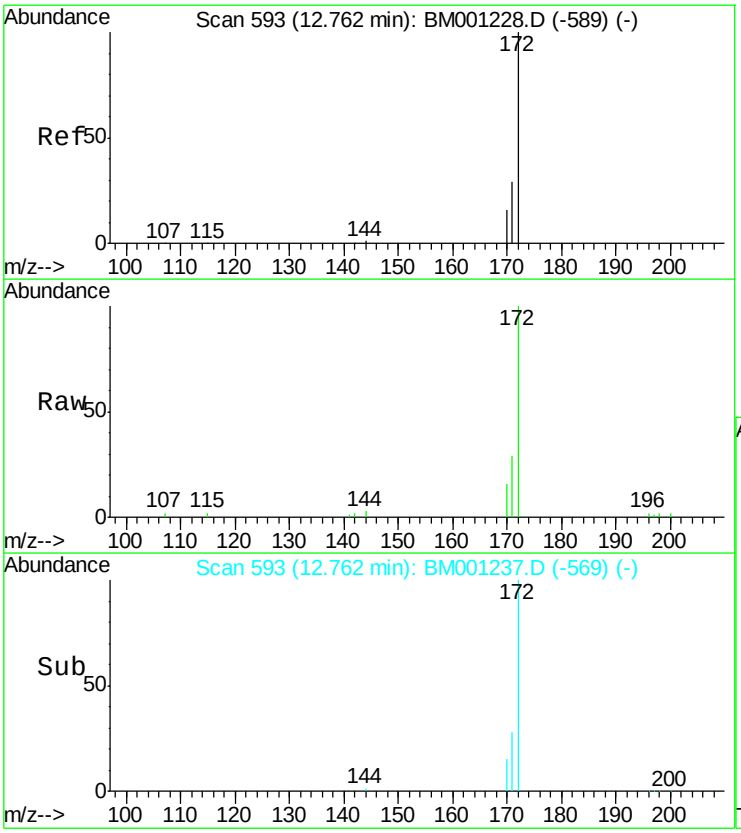
#19
2,4,5-Trichlorophenol
Concen: 0.92 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:196 Resp: 1932

Ion	Ratio	Lower	Upper
196	100		
198	93.6	73.6	110.4
97	0.0	0.0	0.0
132	0.0	0.0	0.0

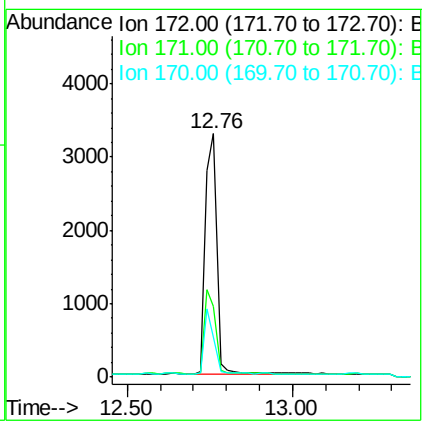


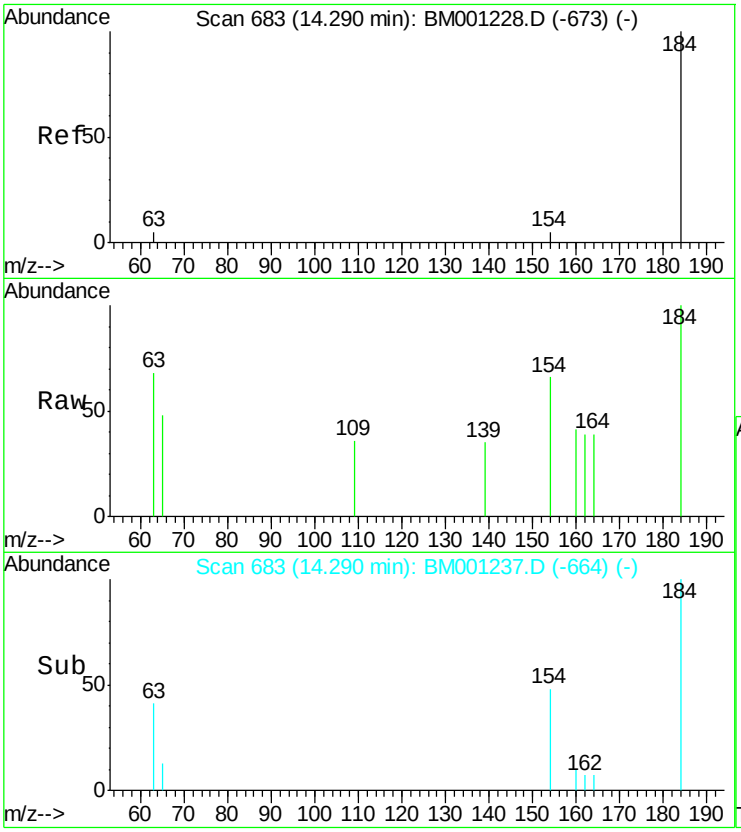


#20
2-Fluorobiphenyl
Concen: 1.03 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:172 Resp: 7786

Ion	Ratio	Lower	Upper
172	100		
171	0.0	0.0	0.0
170	0.0	0.0	0.0



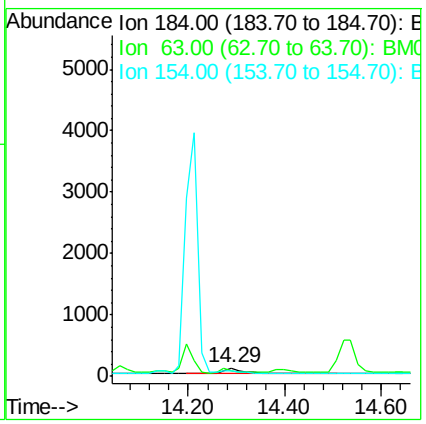


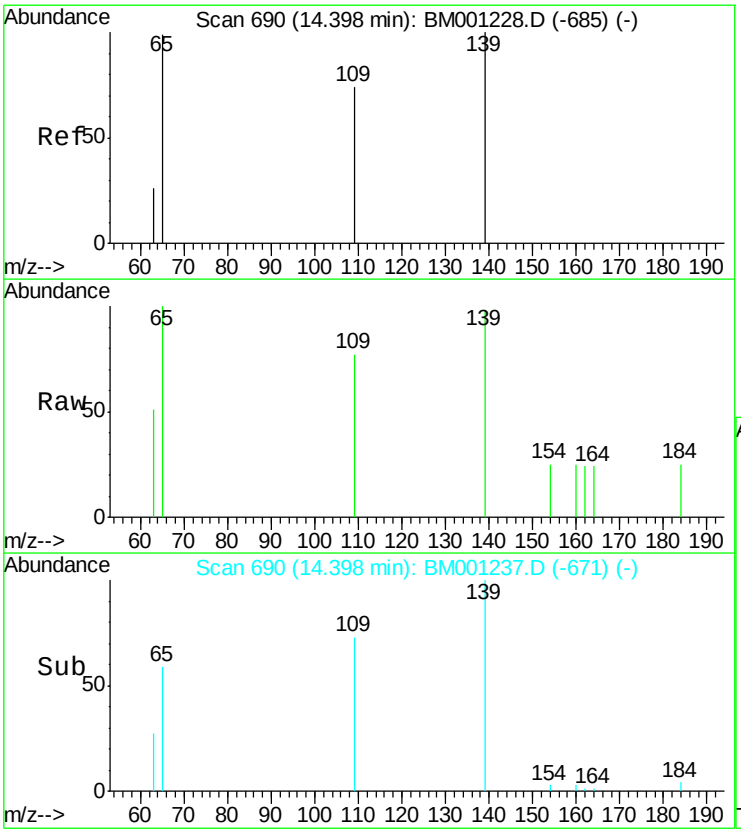
#21
2,4-Dinitrophenol
Concen: 0.91 ng
RT: 14.29 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:184 Resp: 250

Ion	Ratio	Lower	Upper
184	100		
63	67.9	52.0	78.0
154	66.4	51.4	77.2

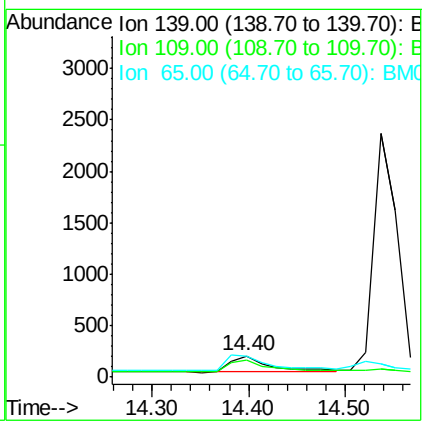


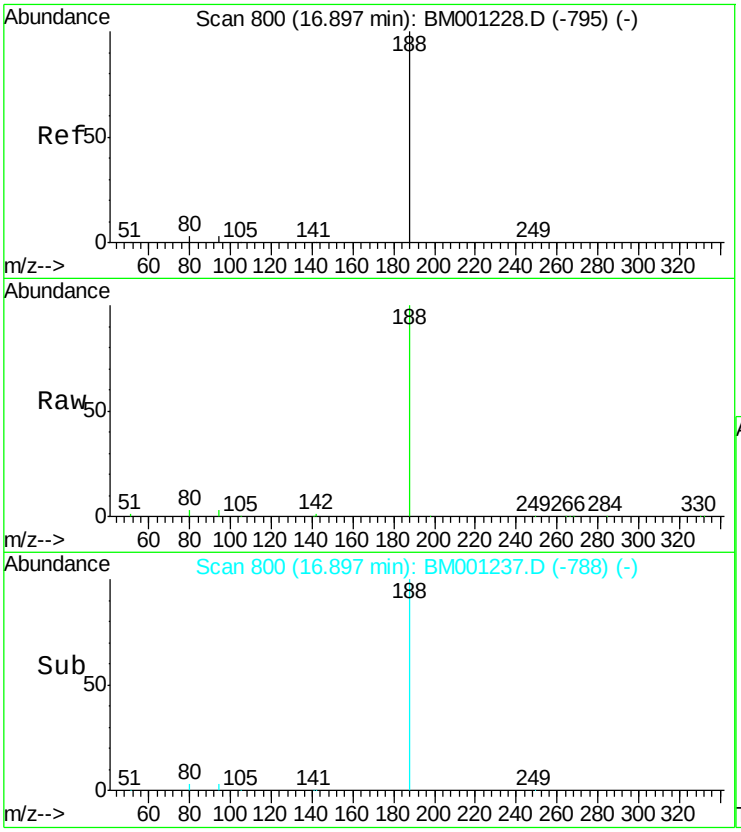


#22
4-Nitrophenol
Concen: 1.04 ng
RT: 14.40 min Scan# 690
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:139 Resp: 465

Ion	Ratio	Lower	Upper
139	100		
109	78.9	60.0	100.0
65	102.5	85.7	125.7



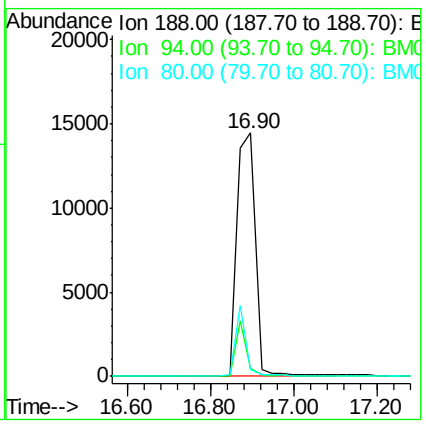


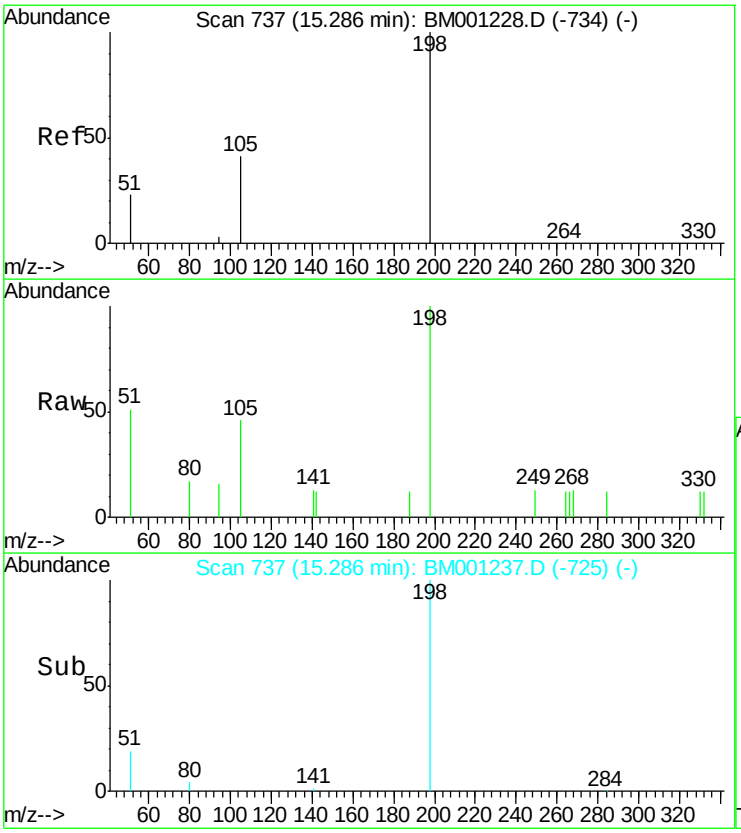
#23
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.90 min Scan# 800
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:188 Resp: 44187

Ion	Ratio	Lower	Upper
188	100		
94	3.5	2.9	4.3
80	2.9	2.5	3.7

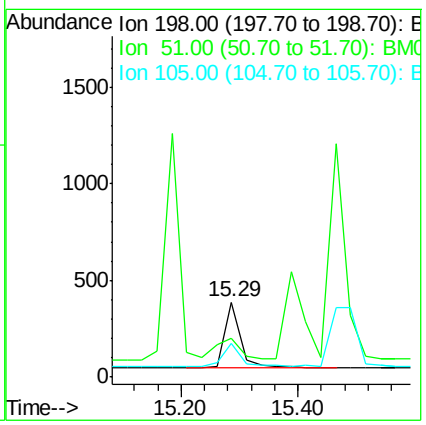


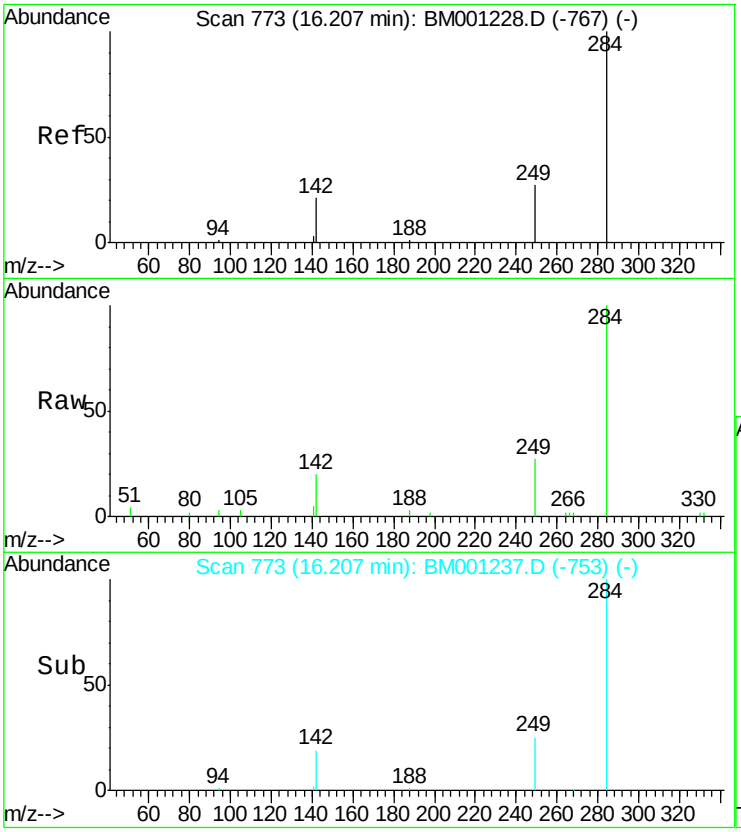


#24
4,6-Dinitro-2-methylphenol
Concen: 0.94 ng
RT: 15.29 min Scan# 737
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:198 Resp: 641

Ion	Ratio	Lower	Upper
198	100		
51	51.0	60.8	100.8#
105	45.6	30.0	70.0



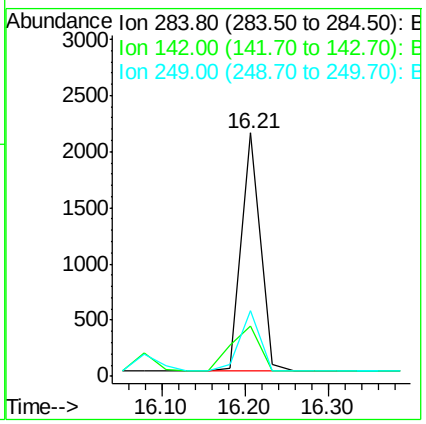


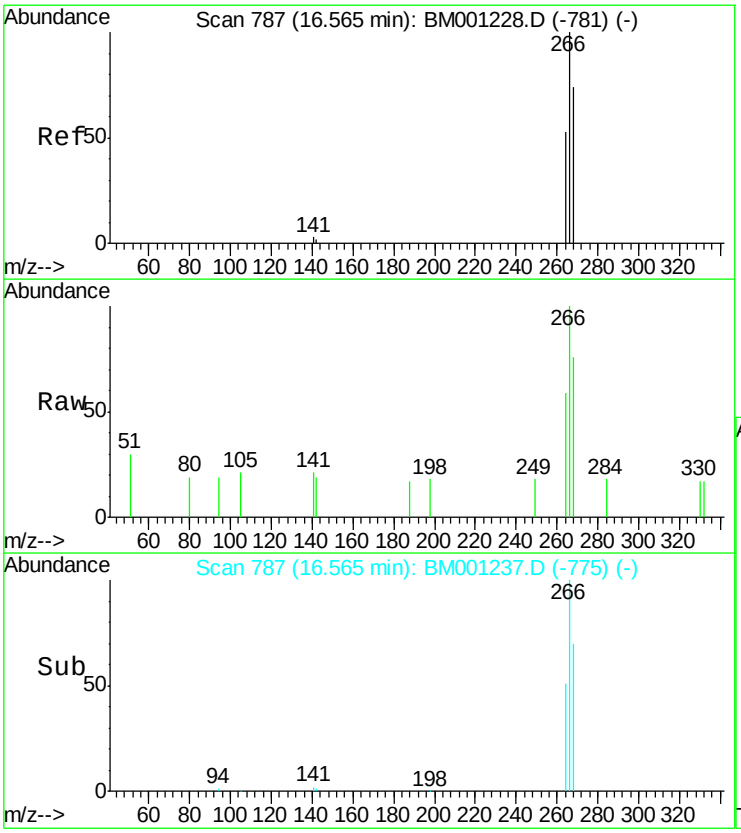
#25
Hexachlorobenzene
Concen: 1.04 ng
RT: 16.21 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:284 Resp: 3381

Ion	Ratio	Lower	Upper
284	100		
142	28.5	23.3	34.9
249	27.4	23.3	34.9

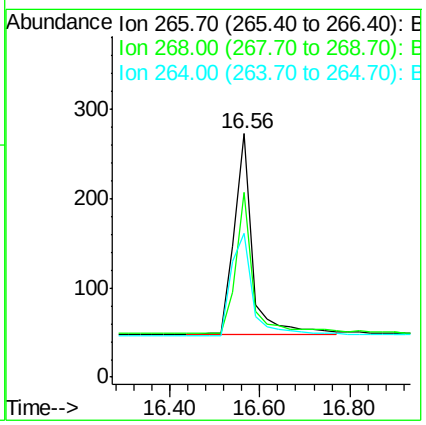


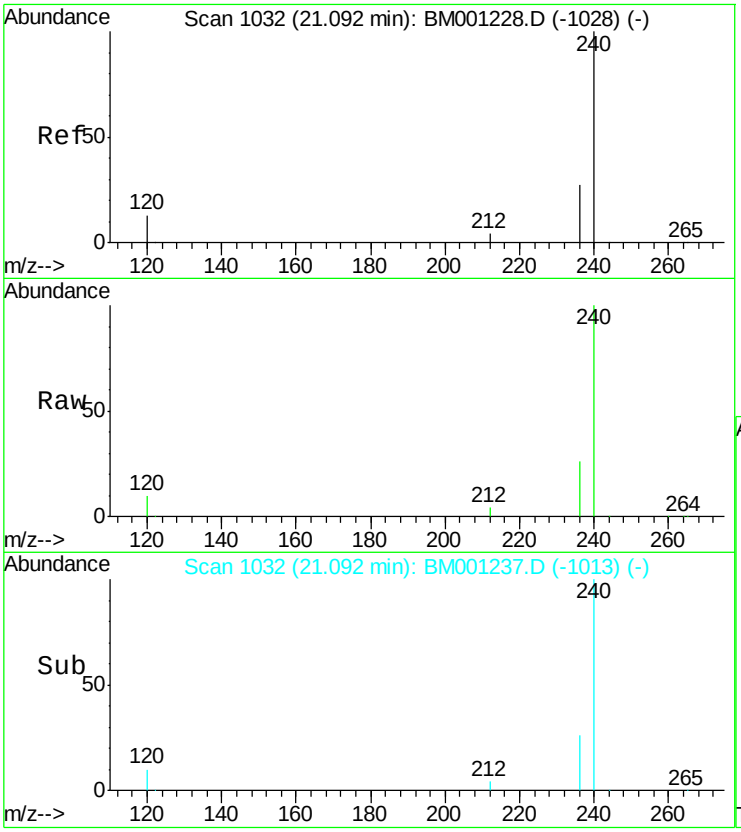


#26
Pentachlorophenol
Concen: 1.01 ng
RT: 16.56 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:266 Resp: 632

Ion	Ratio	Lower	Upper
266	100		
268	75.8	62.6	94.0
264	59.0	47.9	71.9



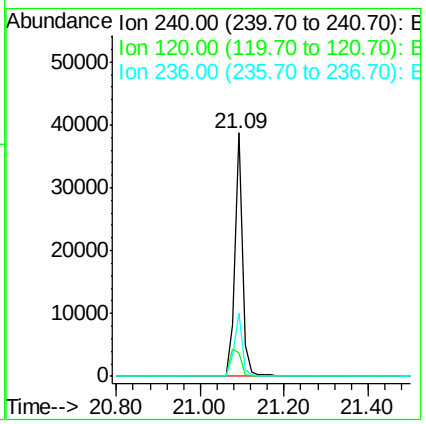


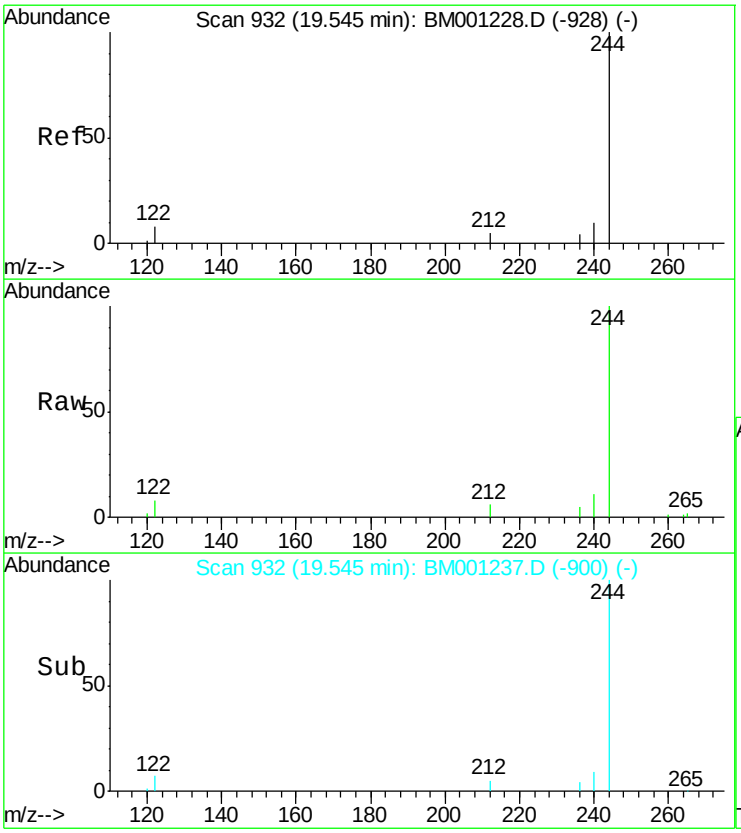
#27
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 49848

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.4	15.6#
236	25.8	22.0	33.0

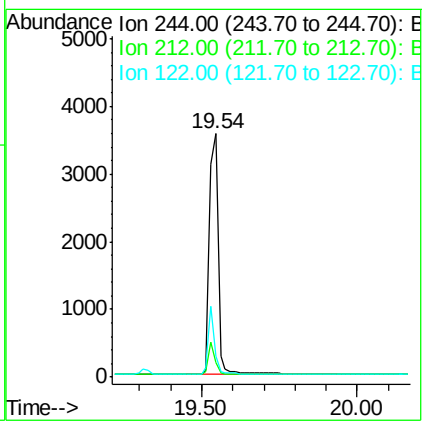


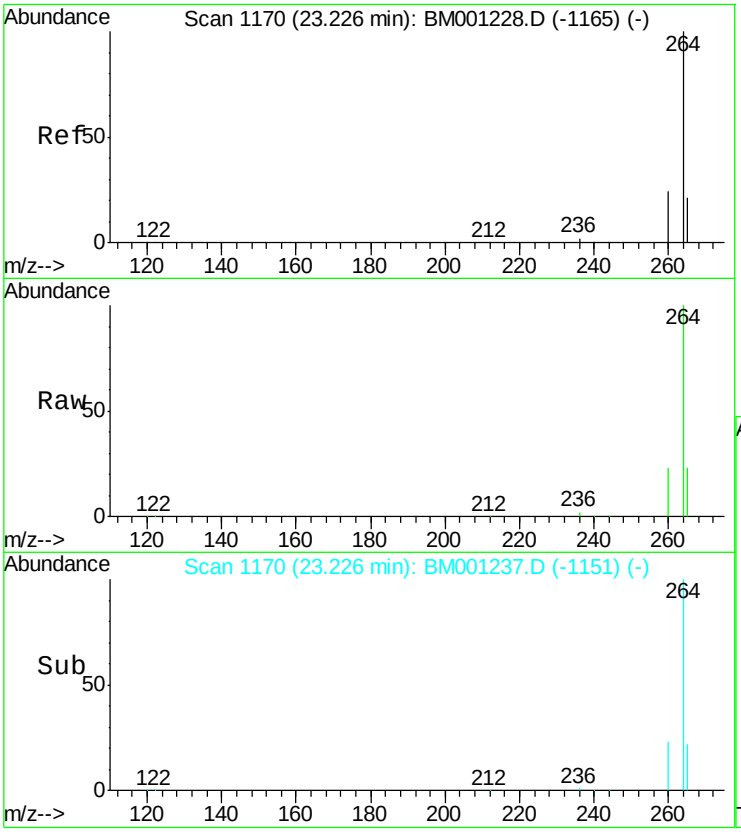


#28
Terphenyl-d14
Concen: 1.03 ng
RT: 19.54 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Tgt Ion:244 Resp: 6753

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	19.3	14.8	22.2





#29
Perylene-d12
Concen: 5.00 ng
RT: 23.23 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BM001237.D
Acq: 07 May 2015 03:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:264 Resp: 46081

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	23.1	17.4	26.2