Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002899.D
Acq On : 13 Oct 2015 22:48
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM101315

Quant Time: Oct 14 12:25:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 11:51:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	79629	5.00	ng		0.00
8) Naphthalene-d8	11.50	136	329015	5.00	ng		0.00
14) Acenaphthene-d10	15.25	164	175958	5.00	ng		0.00
21) Phenanthrene-d10	17.95	188	410542	5.00	ng		0.00
24) Chrysene-d12	22.04	240	398291	5.00	ng		0.00
26) Perylene-d12	24.61	264	364890	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	6.15	112	13107	0.92	ng		0.02
3) Phenol-d6	7.80	99	19115	0.87	ng		0.02
9) Nitrobenzene-d5	9.86	82	17117	0.94	ng		0.00
15) 2,4,6-Tribromophenol	16.71	330	5531	0.86	ng		0.00
18) 2-Fluorobiphenyl	13.88	172	53344	0.93	ng		0.01
25) Terphenyl-d14	20.48	244	54409	0.90	ng		0.00
Target Compounds							Qvalue
4) 2-Chlorophenol	8.21	128	18291	0.90	ng	#	70
5) Phenol	7.82	94	19566	0.91	ng		81
6) 2-Methylphenol	9.11	107	14596	0.89	ng	#	85
7) 3+4-Methylphenols	9.46	107	18035	0.89	ng	#	36
10) 2-Nitrophenol	10.64	139	7146	0.86	ng	#	59
11) 2,4-Dimethylphenol	10.66	122	16421	0.90	ng		100
12) 2,4-Dichlorophenol	11.21	162	13006	0.92	ng		94
13) 4-Chloro-3-methylphenol	12.76	107	15613	0.87	ng	#	86
16) 2,4,6-Trichlorophenol	13.72	196	9745	0.85	ng	#	81
17) 2,4,5-Trichlorophenol	13.83	196	10729	0.88	ng	#	97
19) 2,4-Dinitrophenol	15.52	184	260	0.87	ng	#	1
20) 4-Nitrophenol	15.63	139	26854	0.90	ng	#	7
22) 4,6-Dinitro-2-methylphenol	16.40	198	2043	0.82	ng		81
23) Pentachlorophenol	17.63	266	1891	0.76	ng		90

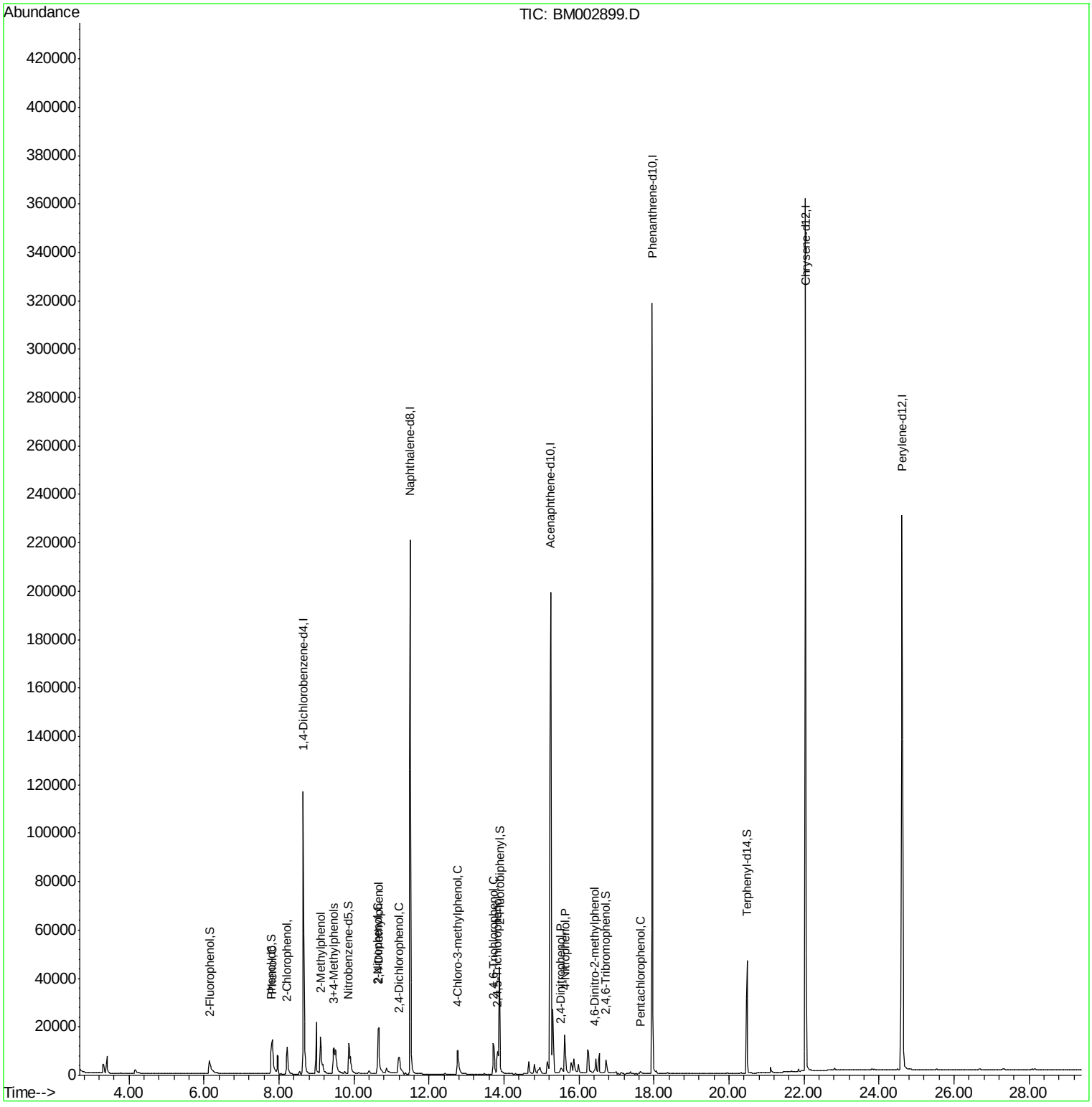
(#) = qualifier out of range (m) = manual integration (+) = signals summed

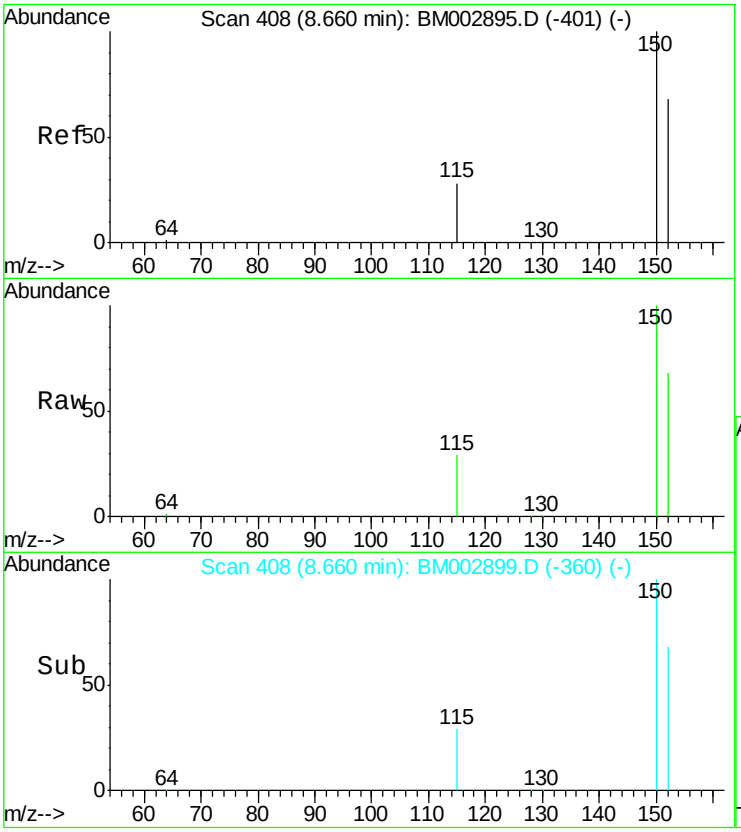
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002899.D
Acq On : 13 Oct 2015 22:48
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Quant Time: Oct 14 12:25:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 11:51:33 2015
Response via : Initial Calibration



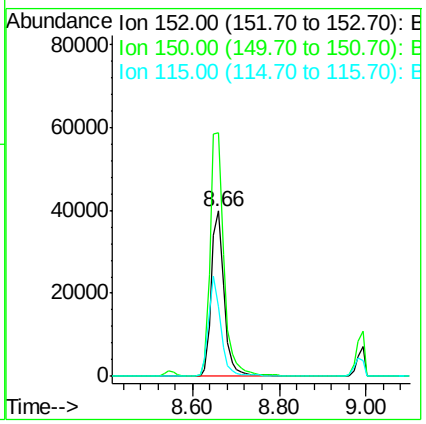


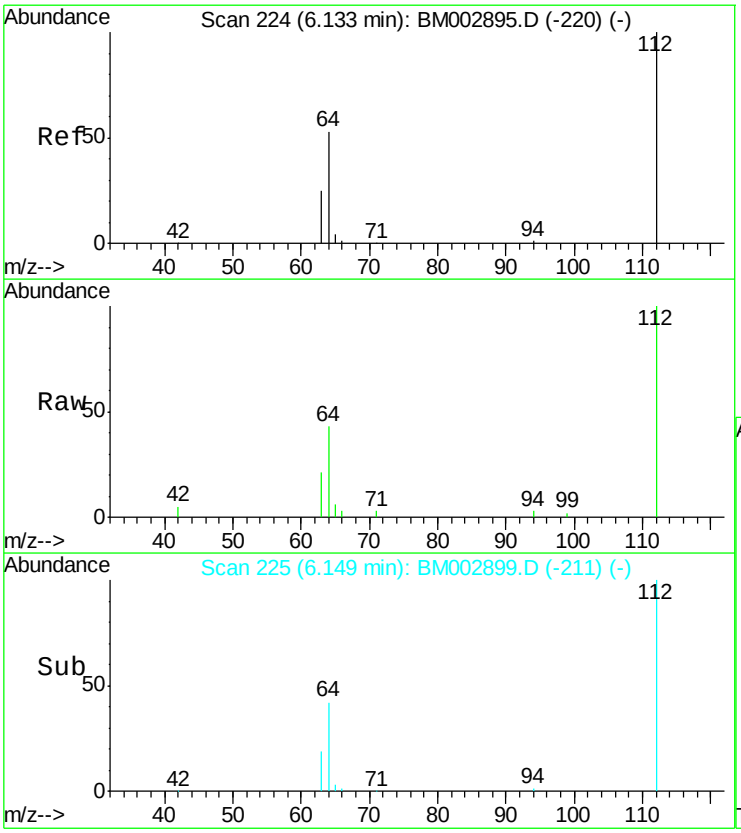
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:152 Resp: 79629

Ion	Ratio	Lower	Upper
152	100		
150	147.2	116.3	174.5
115	42.3	31.9	47.9

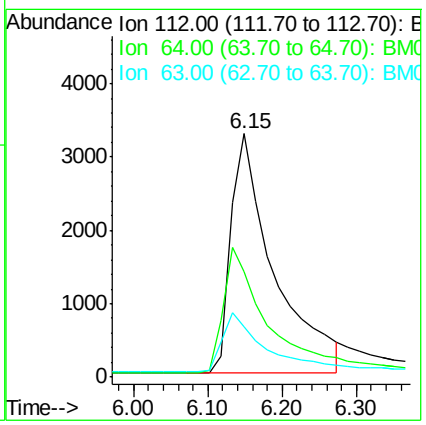


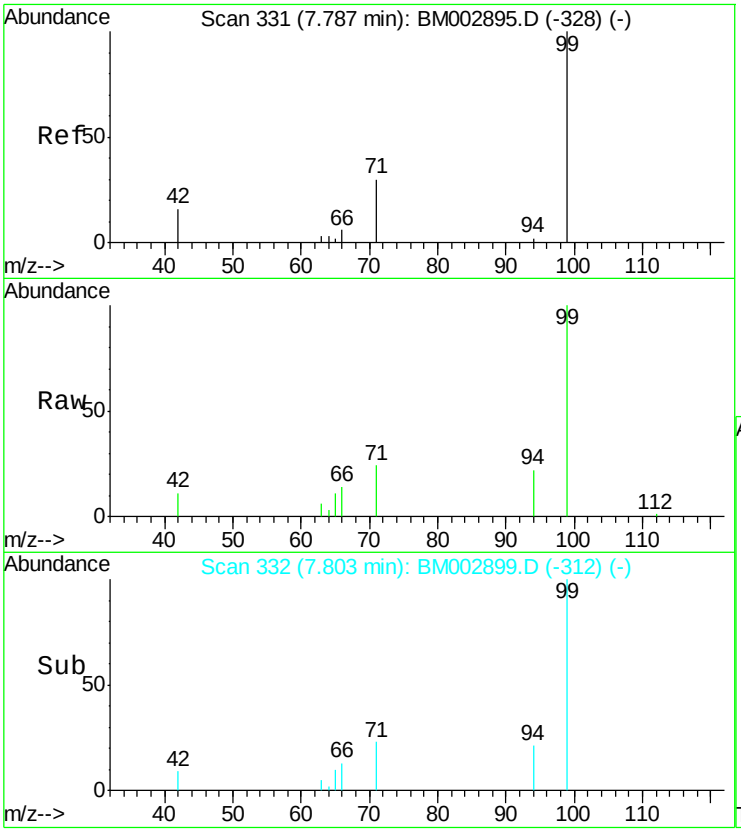


#2
2-Fluorophenol
Concen: 0.92 ng
RT: 6.15 min Scan# 225
Delta R.T. 0.02 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:112 Resp: 13107

Ion	Ratio	Lower	Upper
112	100		
64	43.1	49.3	73.9#
63	20.9	26.2	39.4#



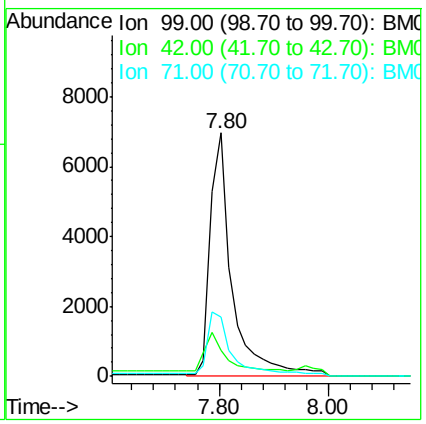


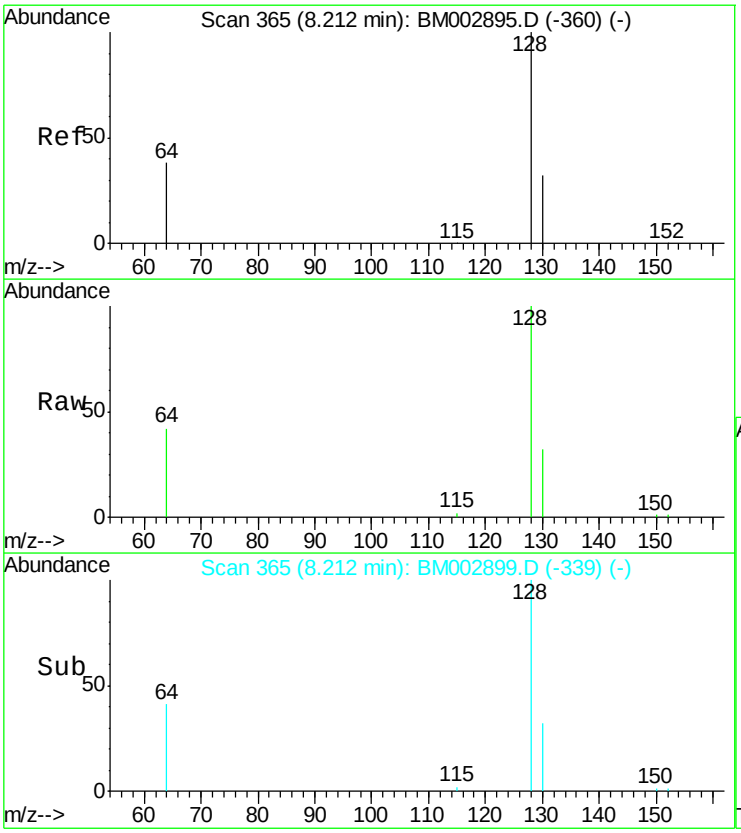
#3
Phenol-d6
Concen: 0.87 ng
RT: 7.80 min Scan# 332
Delta R.T. 0.02 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion: 99 Resp: 19115

Ion	Ratio	Lower	Upper
99	100		
42	10.8	12.1	18.1#
71	24.1	26.4	39.6#

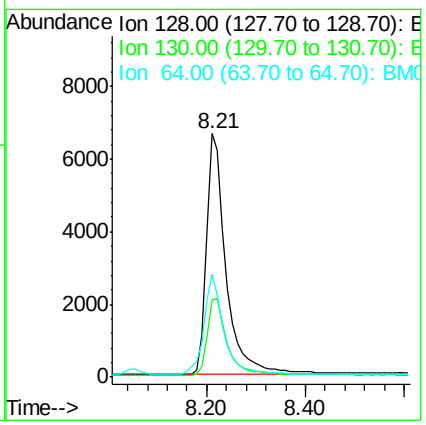


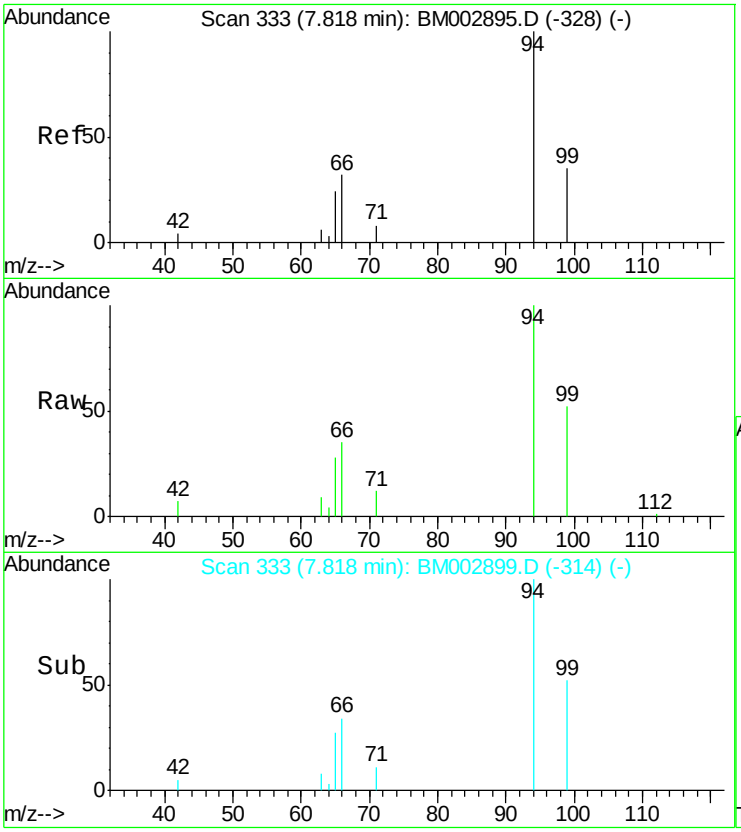


#4
2-Chlorophenol
Concen: 0.90 ng
RT: 8.21 min Scan# 365
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:128 Resp: 18291

Ion	Ratio	Lower	Upper
128	100		
130	31.5	22.2	62.2
64	42.3	0.0	28.7#



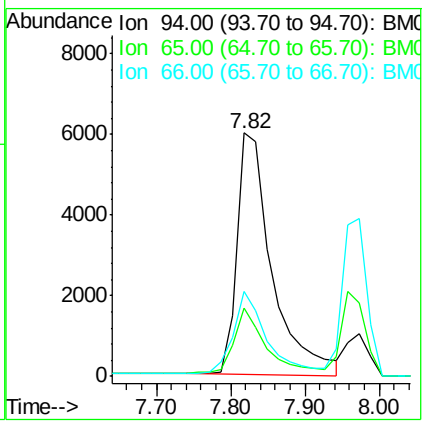


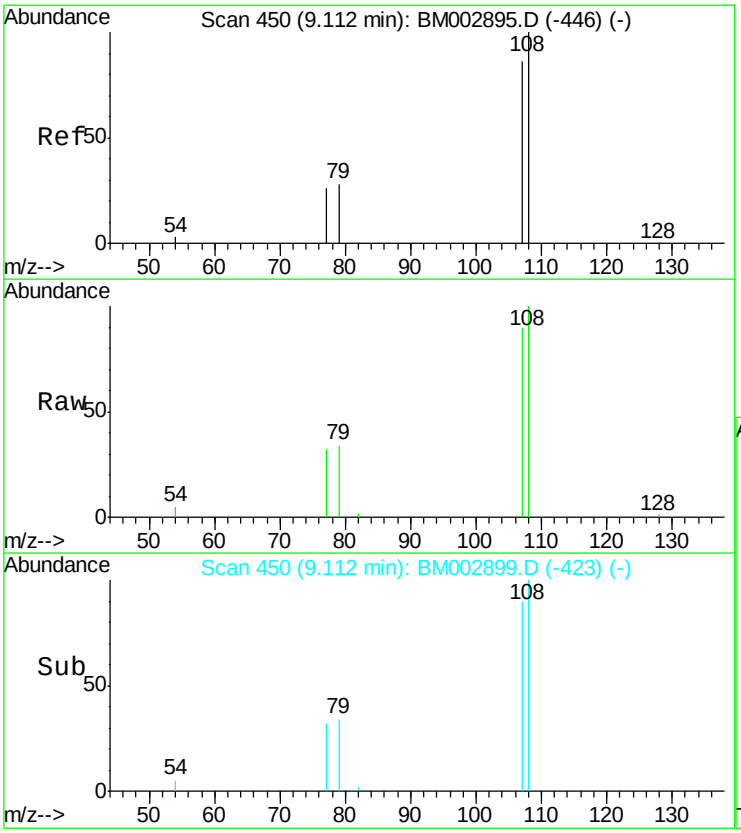
#5
Phenol
Concen: 0.91 ng
RT: 7.82 min Scan# 333
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion: 94 Resp: 19566

Ion	Ratio	Lower	Upper
94	100		
65	27.9	0.0	37.7
66	35.0	6.3	46.3

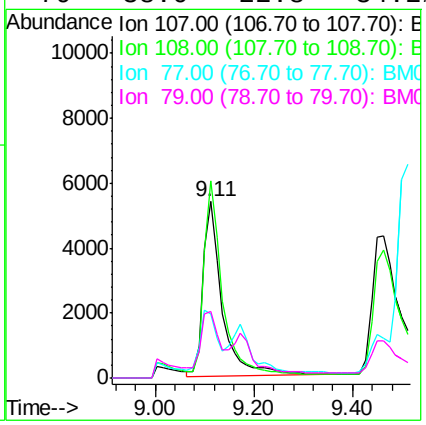


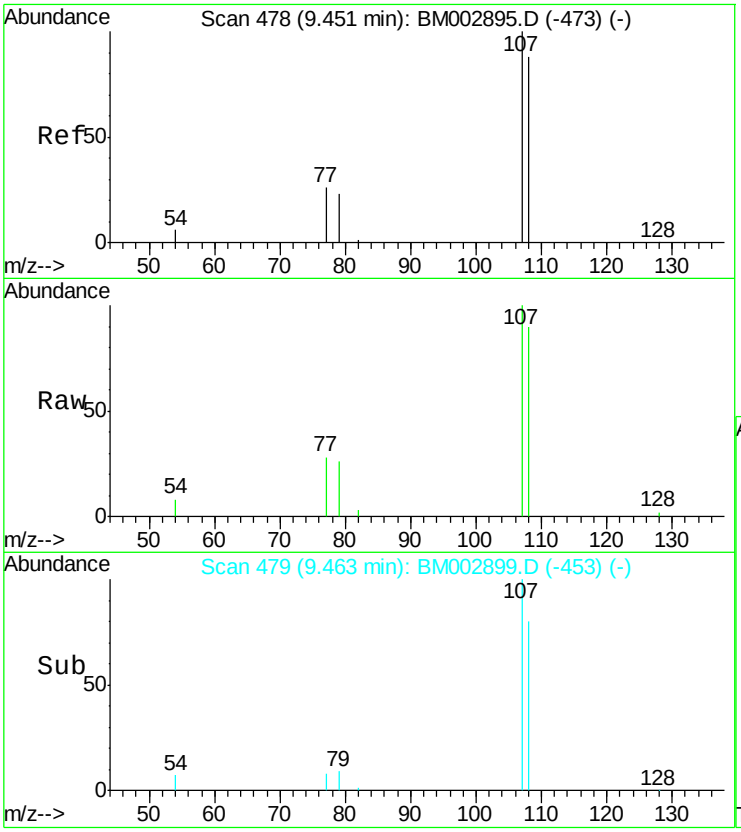


#6
2-Methylphenol
Concen: 0.89 ng
RT: 9.11 min Scan# 450
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:107 Resp: 14596

Ion	Ratio	Lower	Upper
107	100		
108	111.7	100.9	151.3
77	36.3	20.3	30.5#
79	38.0	22.8	34.2#



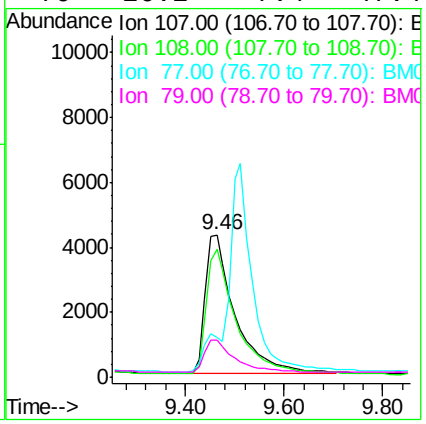


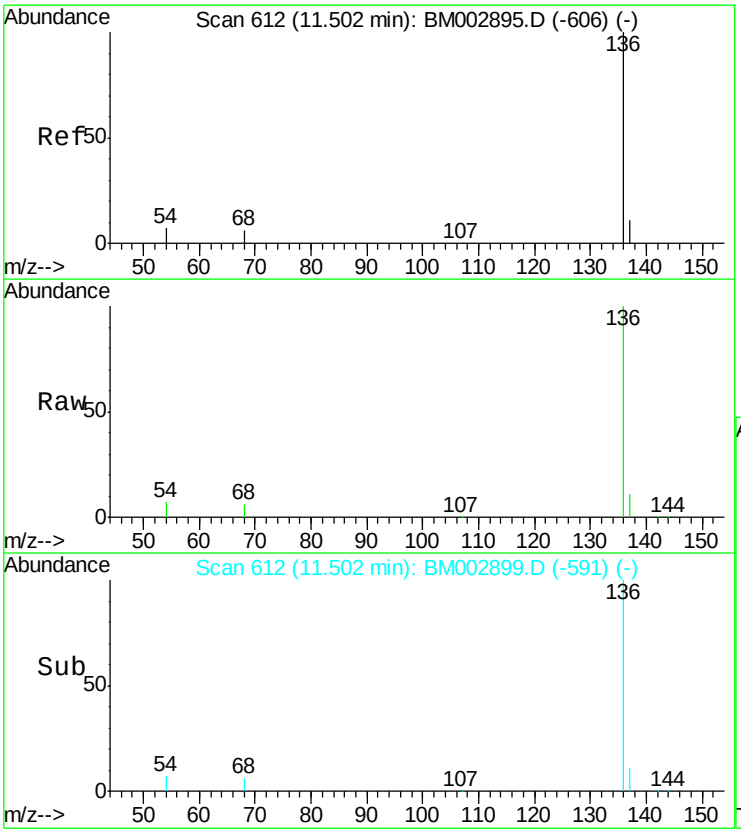
#7
3+4-Methylphenols
Concen: 0.89 ng
RT: 9.46 min Scan# 479
Delta R.T. 0.01 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:107 Resp: 18035

Ion	Ratio	Lower	Upper
107	100		
108	90.1	86.3	126.3
77	28.4	151.7	191.7#
79	26.2	7.4	47.4

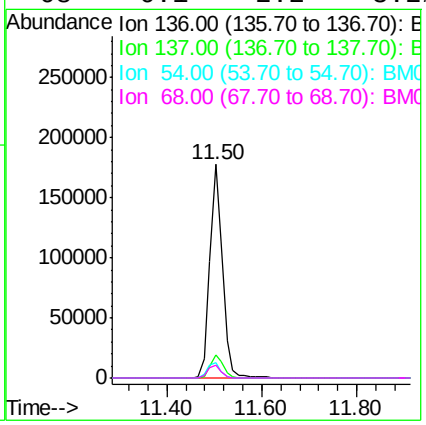


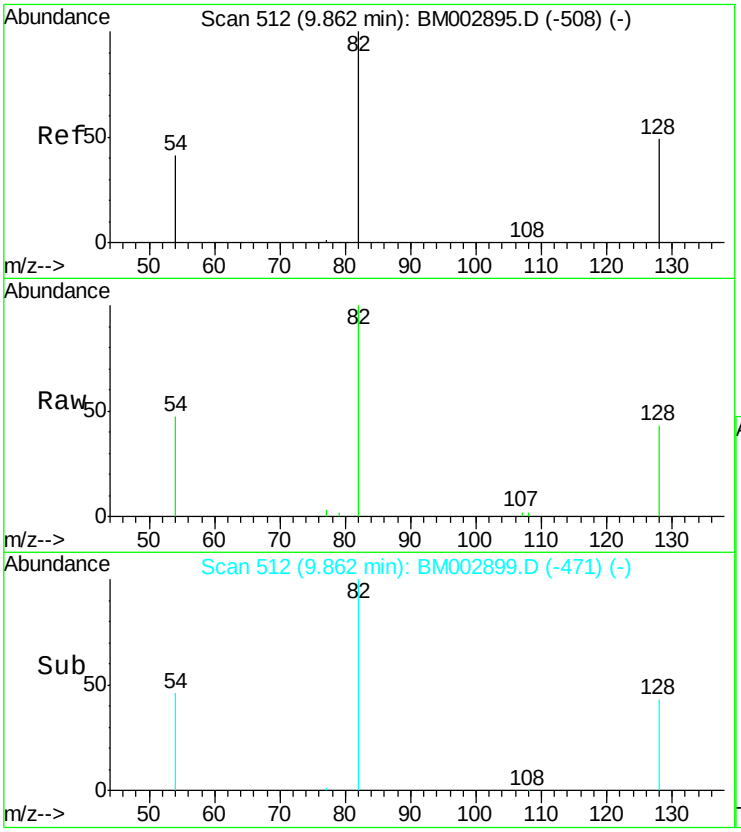


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 612
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:136 Resp: 329015

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.1	2.6	3.8#
68	6.1	2.2	3.2#



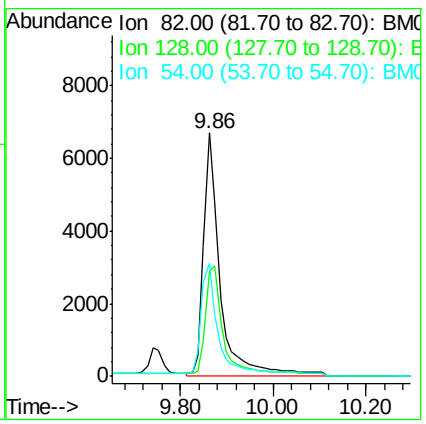


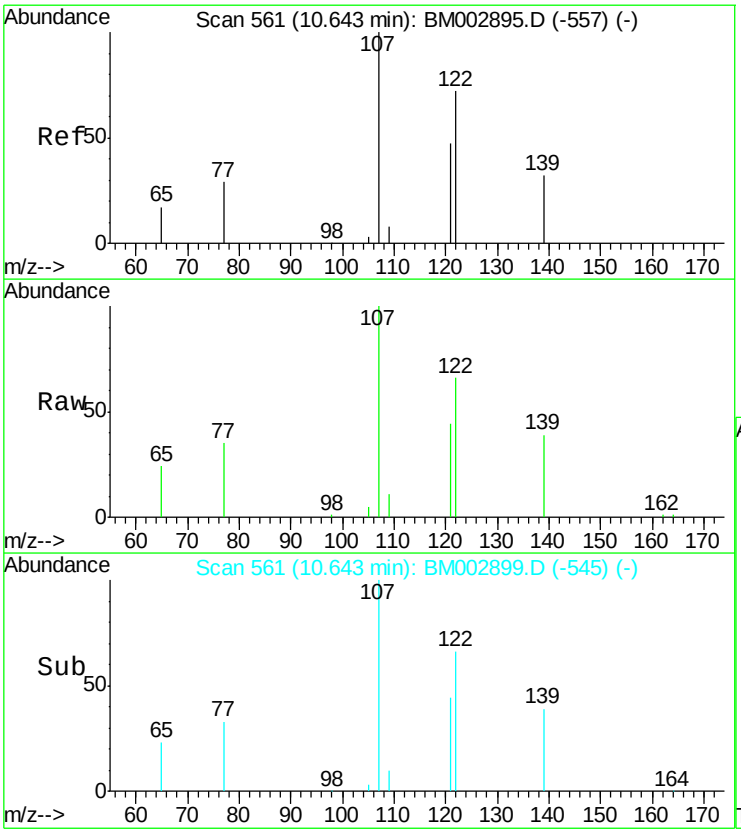
#9
Nitrobenzene-d5
Concen: 0.94 ng
RT: 9.86 min Scan# 512
Delta R.T. 0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion: 82 Resp: 17117

Ion	Ratio	Lower	Upper
82	100		
128	52.3	0.0	0.0#
54	51.9	59.0	88.6#

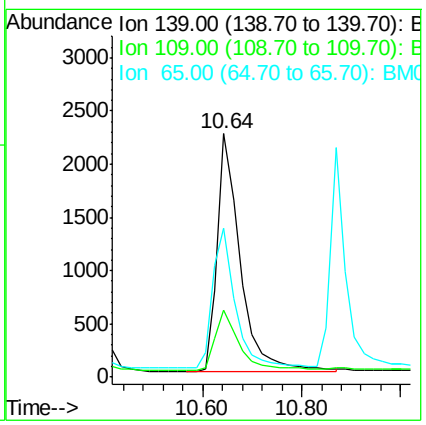


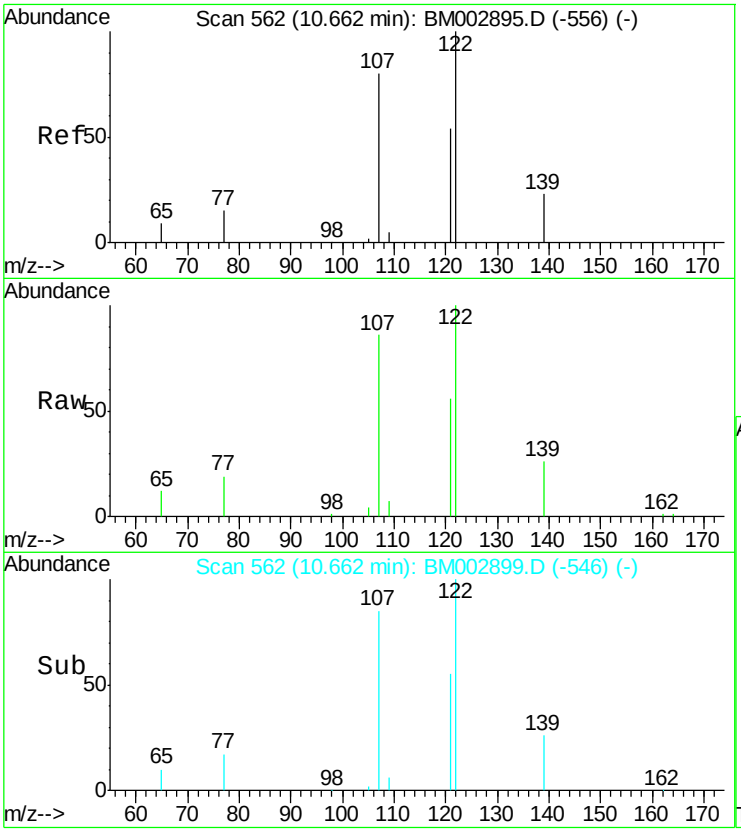


#10
2-Nitrophenol
Concen: 0.86 ng
RT: 10.64 min Scan# 561
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:139 Resp: 7146

Ion	Ratio	Lower	Upper
139	100		
109	27.5	19.5	29.3
65	61.1	18.6	28.0#



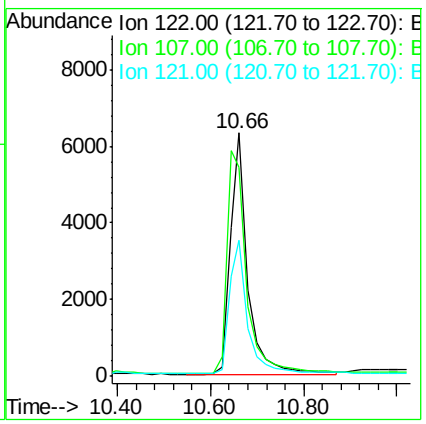


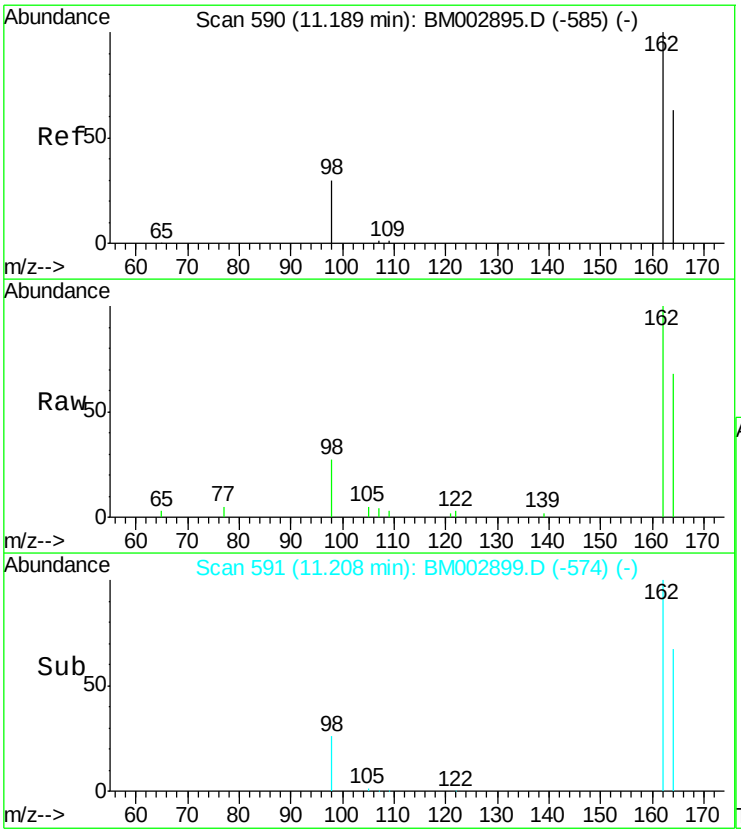
#11
2,4-Dimethylphenol
Concen: 0.90 ng
RT: 10.66 min Scan# 562
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:122 Resp: 16421

Ion	Ratio	Lower	Upper
122	100		
107	85.6	68.6	102.8
121	55.7	44.8	67.2

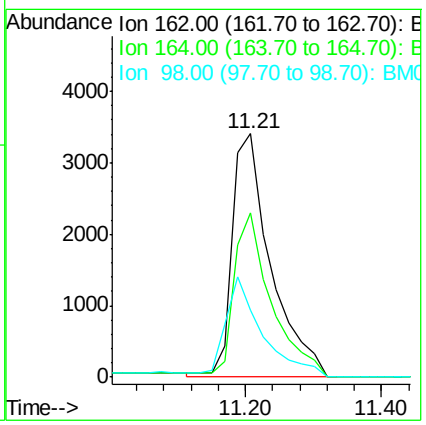


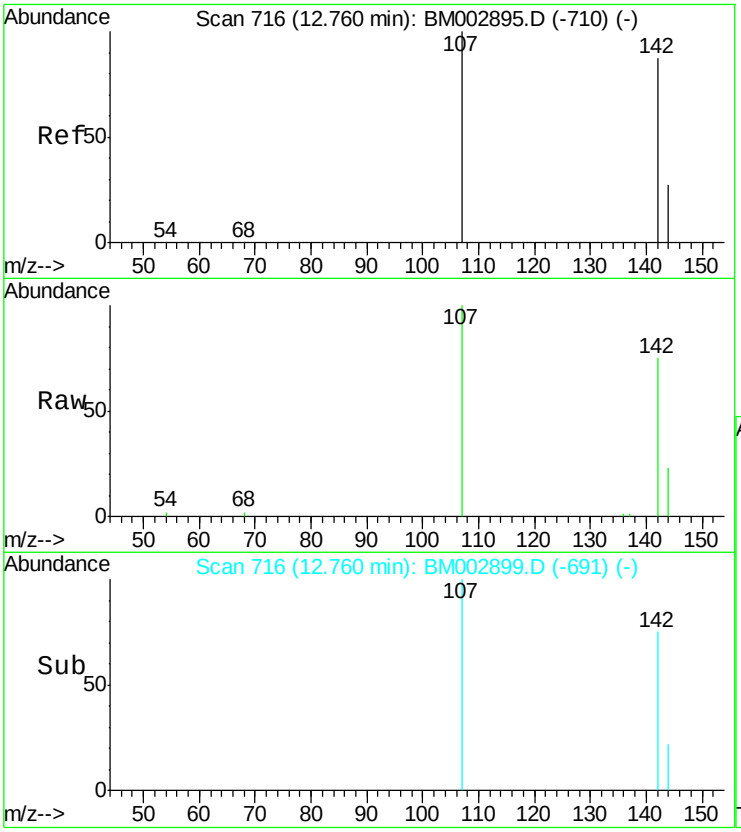


#12
2,4-Dichlorophenol
Concen: 0.92 ng
RT: 11.21 min Scan# 591
Delta R.T. 0.02 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:162 Resp: 13006

Ion	Ratio	Lower	Upper
162	100		
164	67.7	49.2	89.2
98	27.3	0.0	37.4



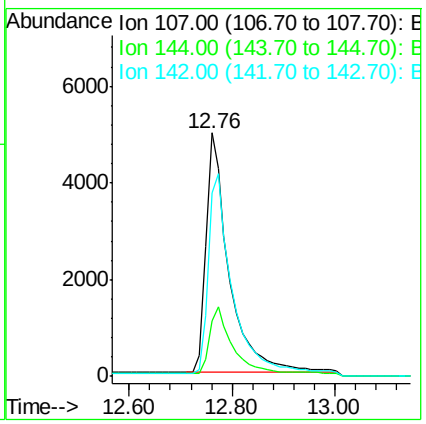


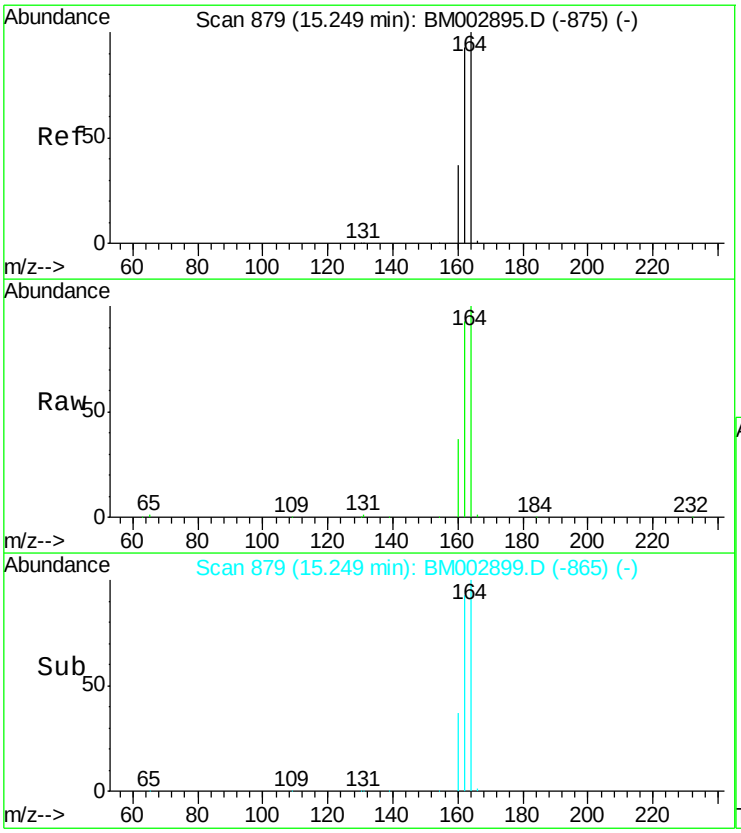
#13
4-Chloro-3-methylphenol
Concen: 0.87 ng
RT: 12.76 min Scan# 716
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:107 Resp: 15613

Ion	Ratio	Lower	Upper
107	100		
144	22.8	16.2	24.2
142	75.2	49.8	74.6#

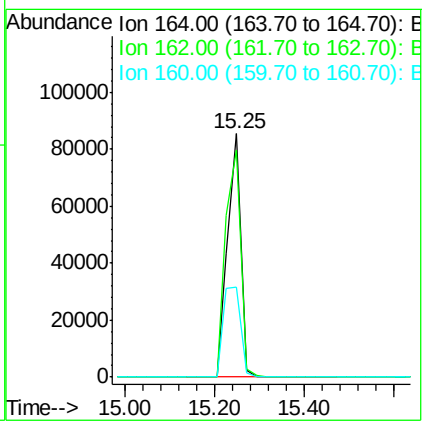


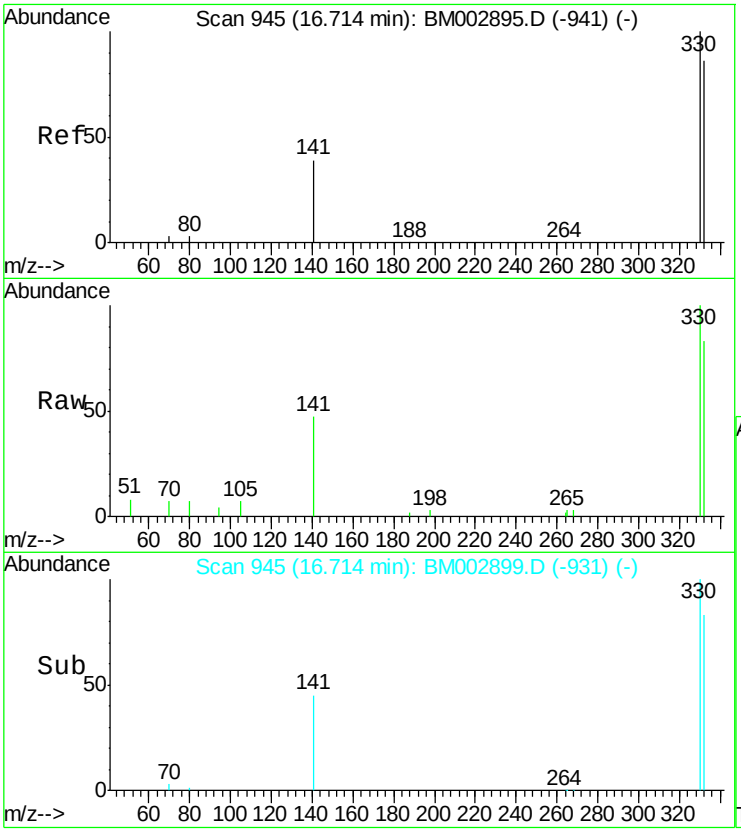


#14
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:164 Resp: 175958

Ion	Ratio	Lower	Upper
164	100		
162	93.3	79.2	118.8
160	36.8	33.7	50.5



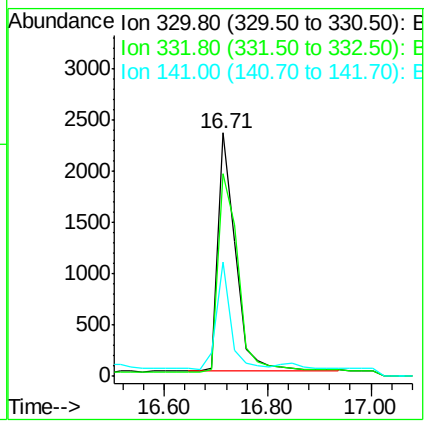


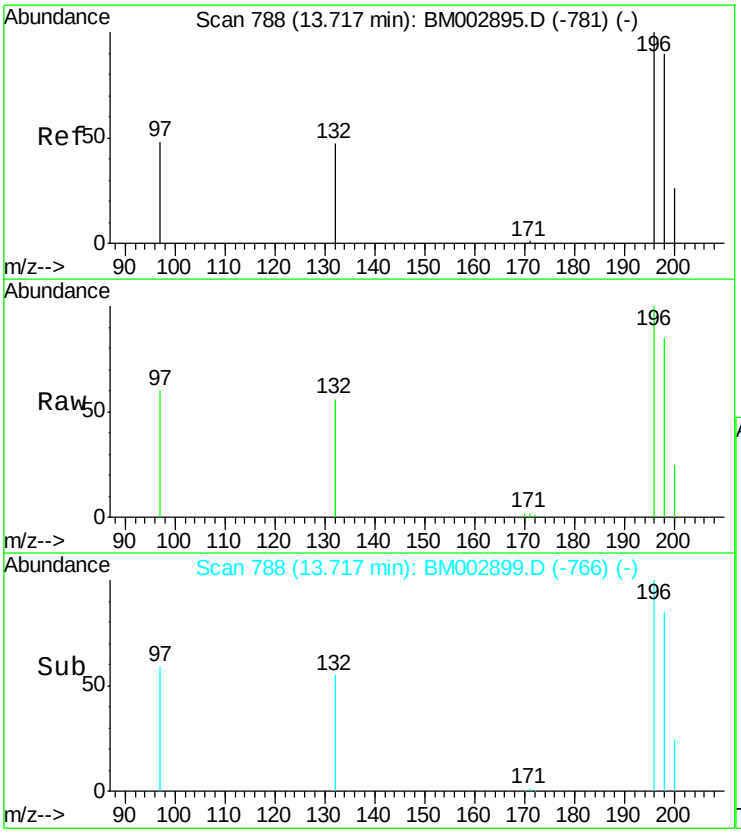
#15
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 16.71 min Scan# 945
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:330 Resp: 5531

Ion	Ratio	Lower	Upper
330	100		
332	93.4	74.0	111.0
141	35.0	24.1	36.1

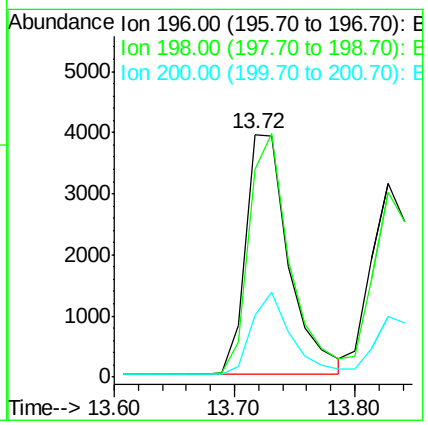


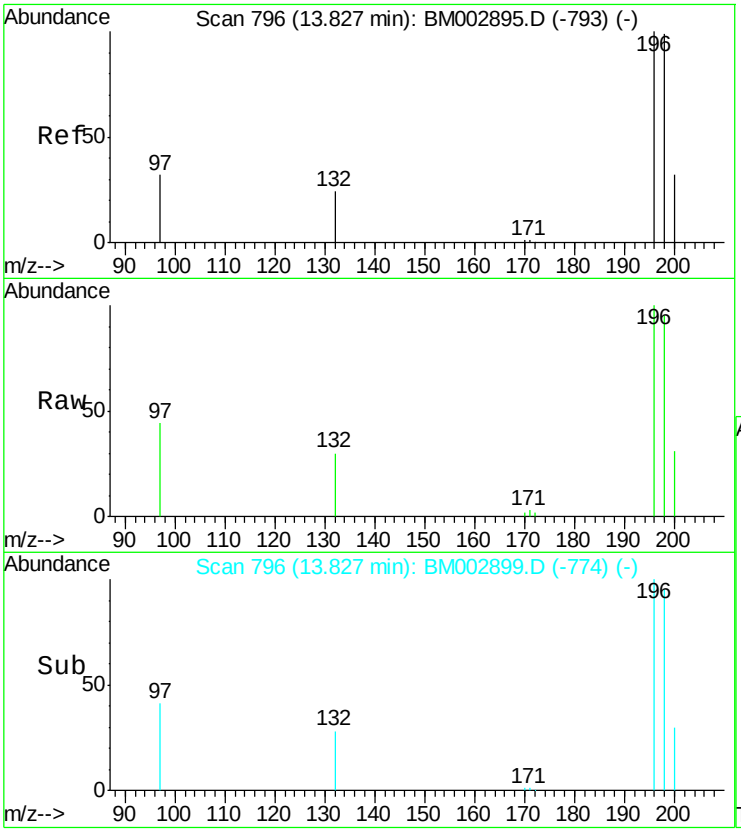


#16
2,4,6-Trichlorophenol
Concen: 0.85 ng
RT: 13.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:196 Resp: 9745

Ion	Ratio	Lower	Upper
196	100		
198	85.5	54.2	81.2#
200	25.3	17.1	25.7



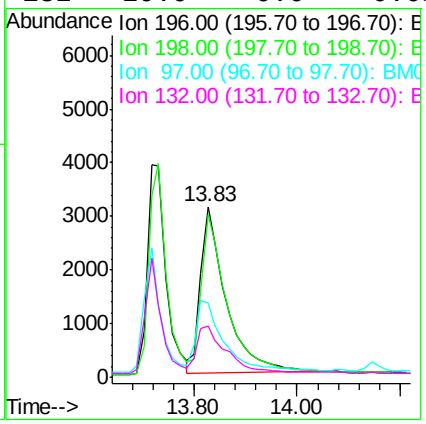


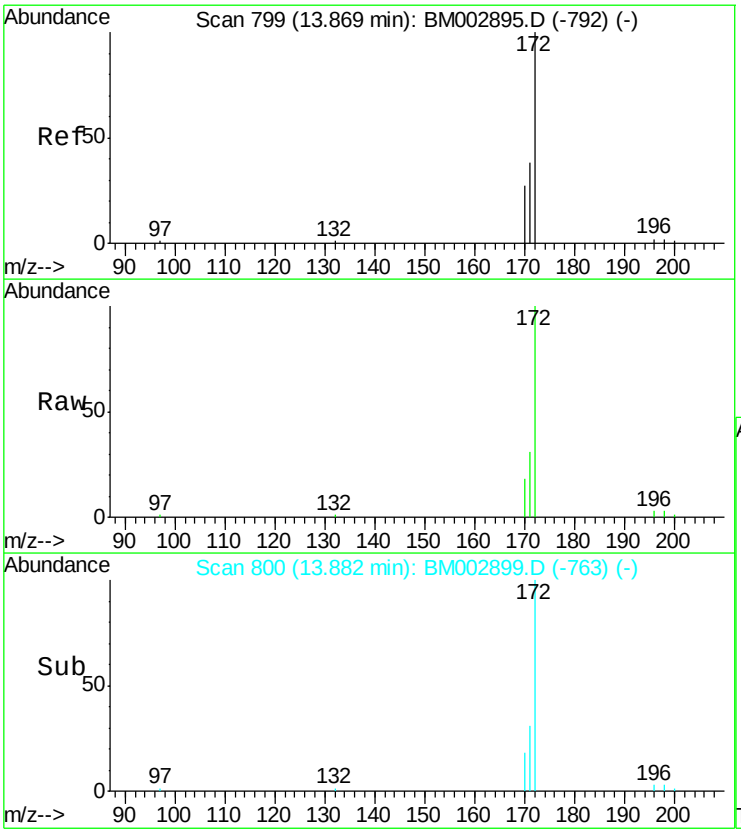
#17
2,4,5-Trichlorophenol
Concen: 0.88 ng
RT: 13.83 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:196 Resp: 10729

Ion	Ratio	Lower	Upper
196	100		
198	95.2	73.6	110.4
97	44.0	0.0	0.0#
132	29.9	0.0	0.0#

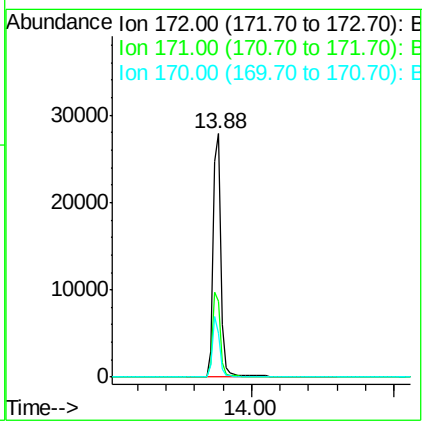


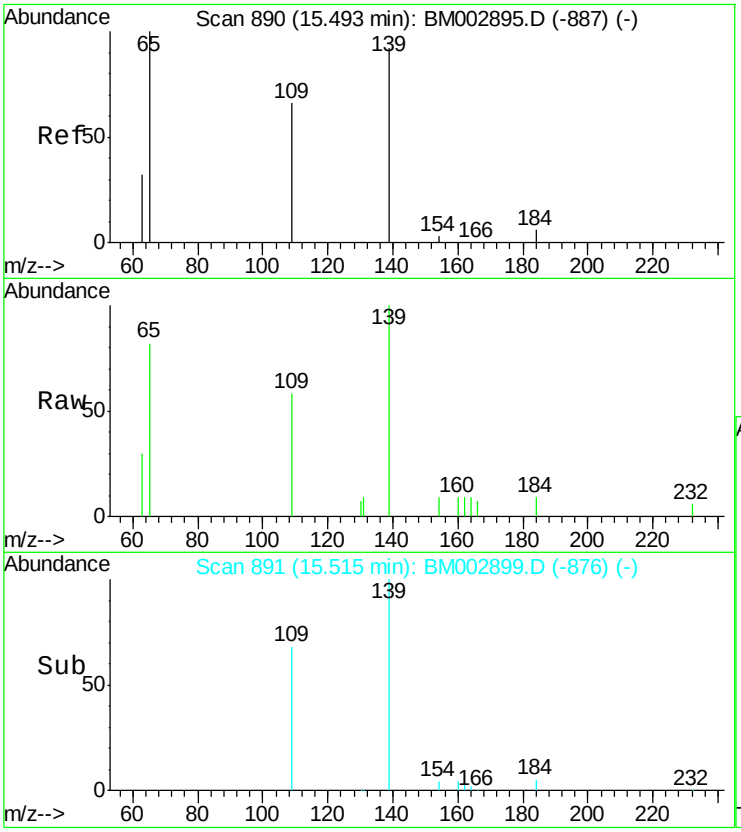


#18
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:172 Resp: 53344

Ion	Ratio	Lower	Upper
172	100		
171	34.6	0.0	0.0#
170	22.7	0.0	0.0#



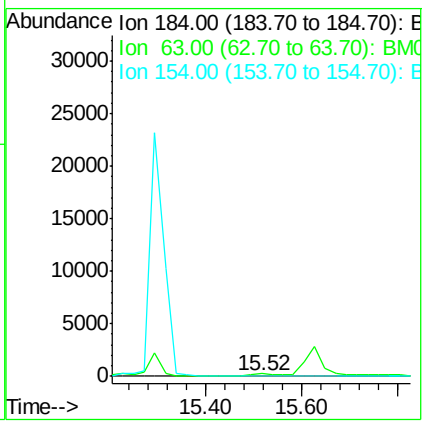


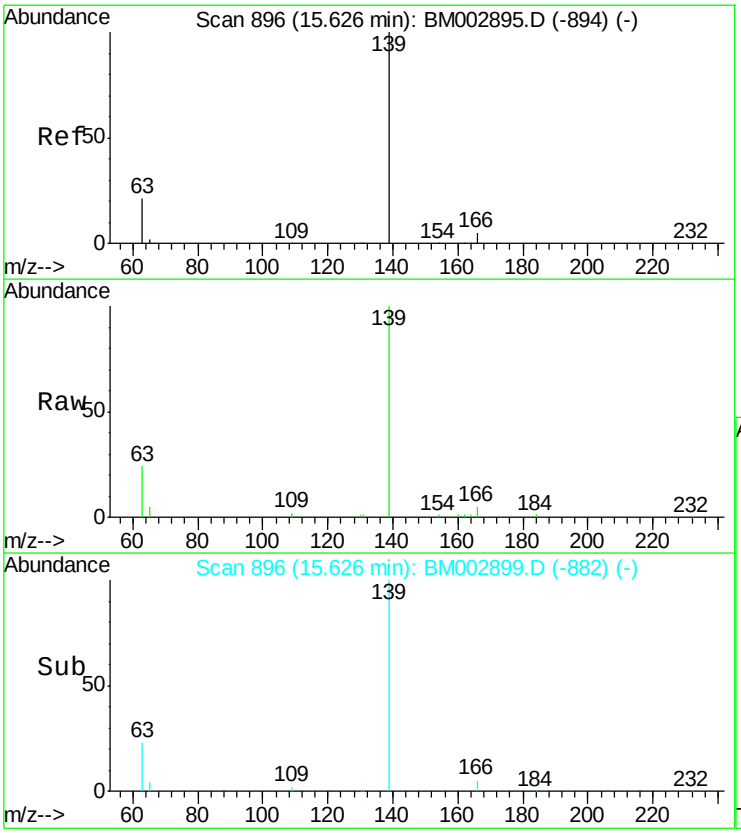
#19
2,4-Dinitrophenol
Concen: 0.87 ng
RT: 15.52 min Scan# 891
Delta R.T. 0.02 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:184 Resp: 260

Ion	Ratio	Lower	Upper
184	100		
63	319.0	52.0	78.0#
154	98.8	51.4	77.2#

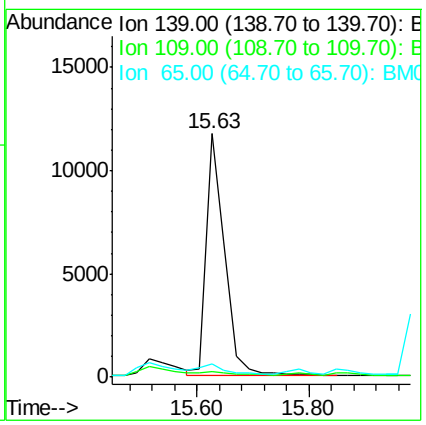


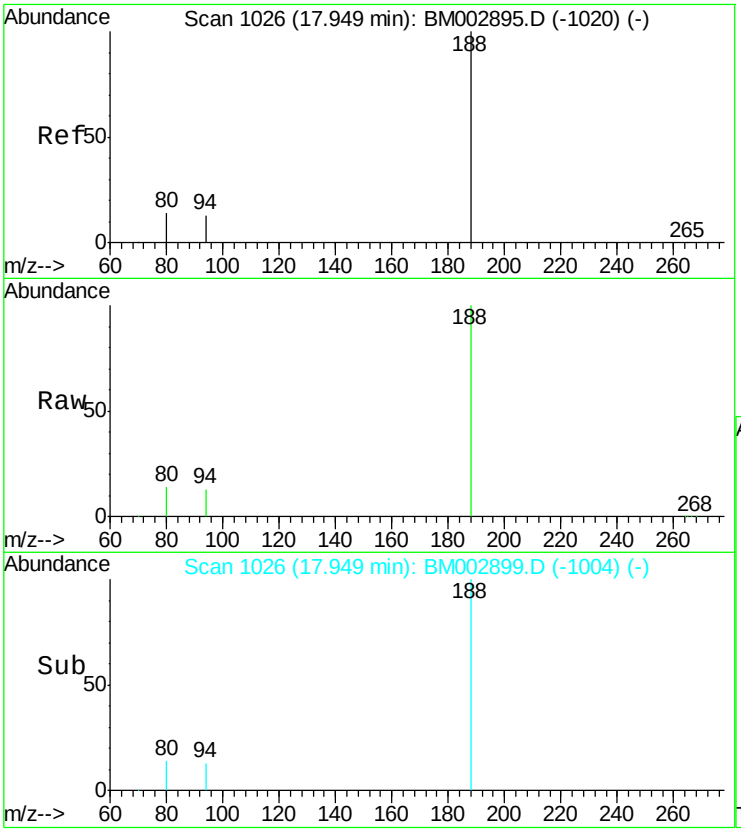


#20
4-Nitrophenol
Concen: 0.90 ng
RT: 15.63 min Scan# 896
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:139 Resp: 26854

Ion	Ratio	Lower	Upper
139	100		
109	2.4	60.0	100.0#
65	5.2	85.7	125.7#



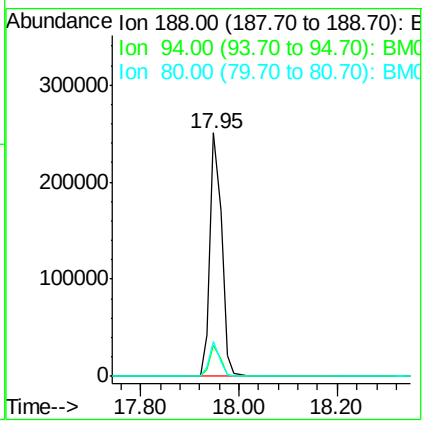


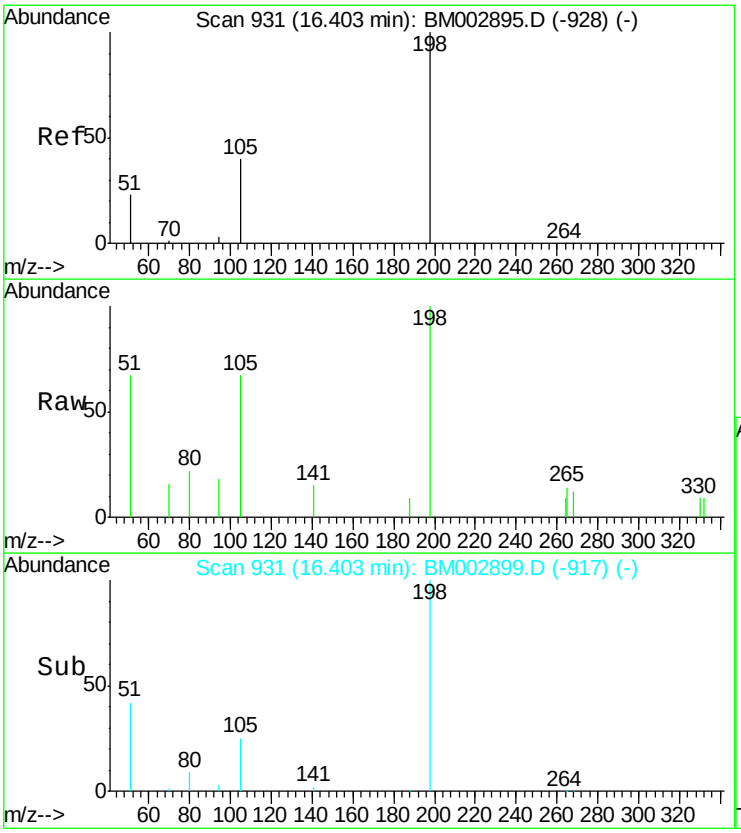
#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:188 Resp: 410542

Ion	Ratio	Lower	Upper
188	100		
94	12.7	2.9	4.3#
80	14.2	2.5	3.7#

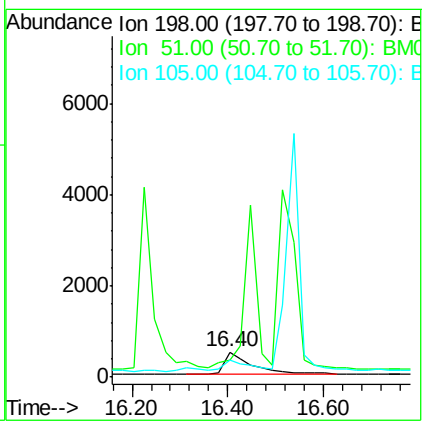


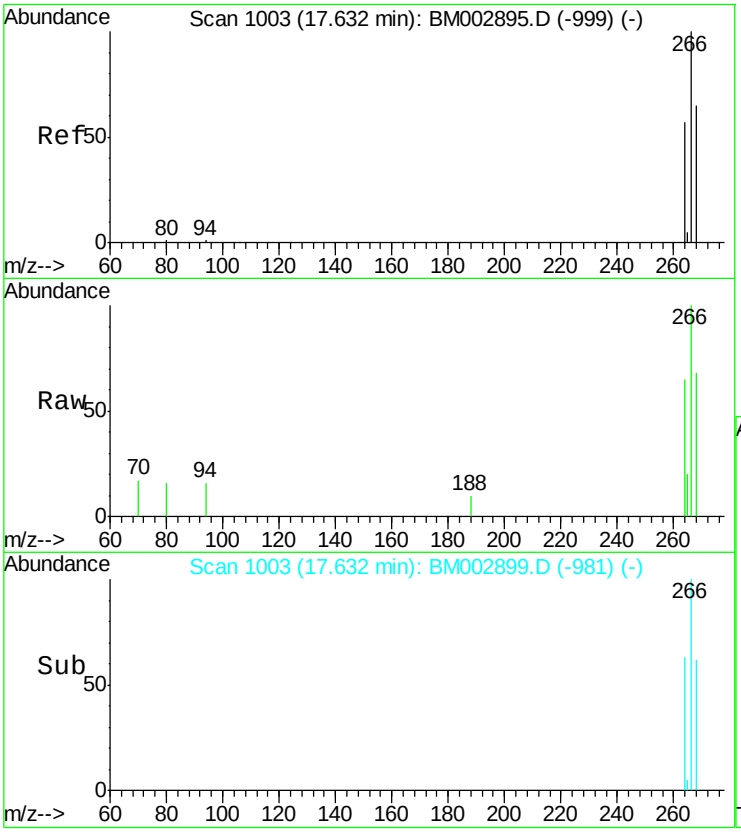


#22
4,6-Dinitro-2-methylphenol
Concen: 0.82 ng
RT: 16.40 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:198 Resp: 2043

Ion	Ratio	Lower	Upper
198	100		
51	67.2	60.8	100.8
105	67.4	30.0	70.0



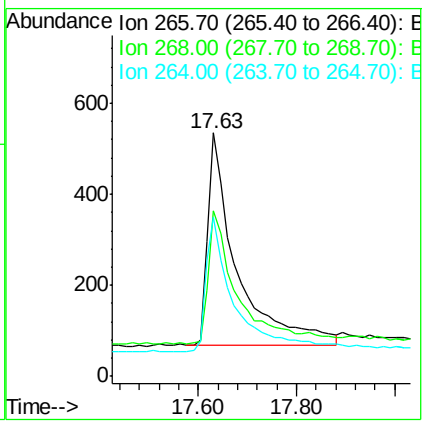


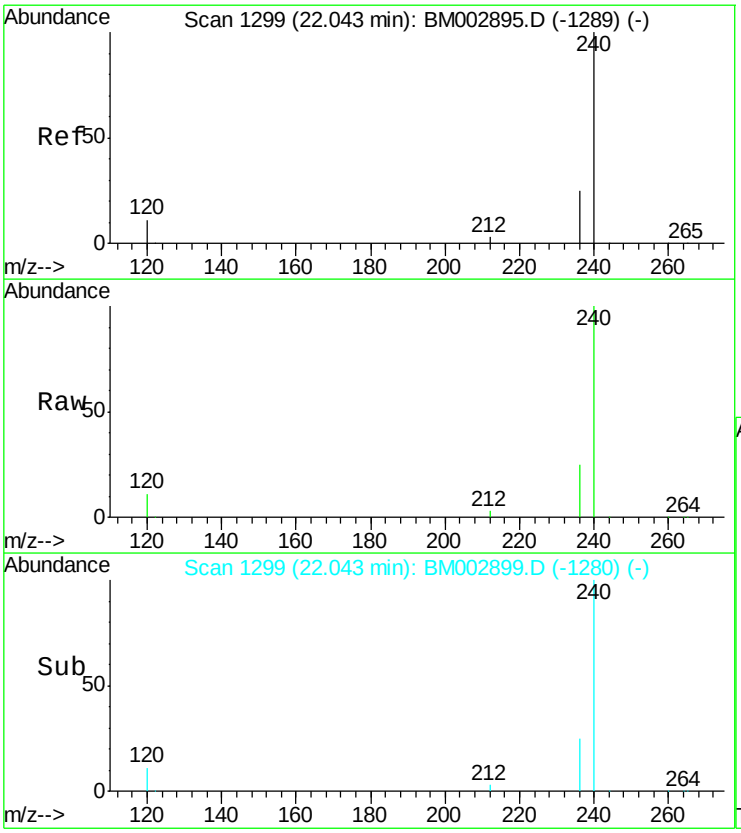
#23
Pentachlorophenol
Concen: 0.76 ng
RT: 17.63 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:266 Resp: 1891

Ion	Ratio	Lower	Upper
266	100		
268	68.0	62.6	94.0
264	65.2	47.9	71.9

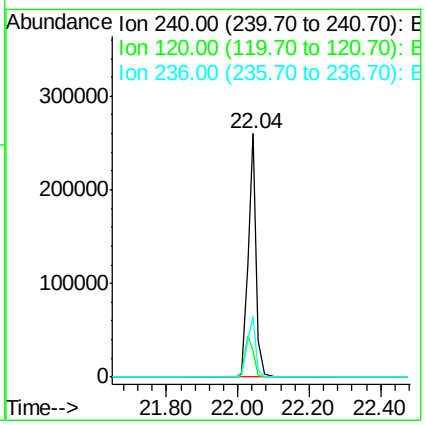


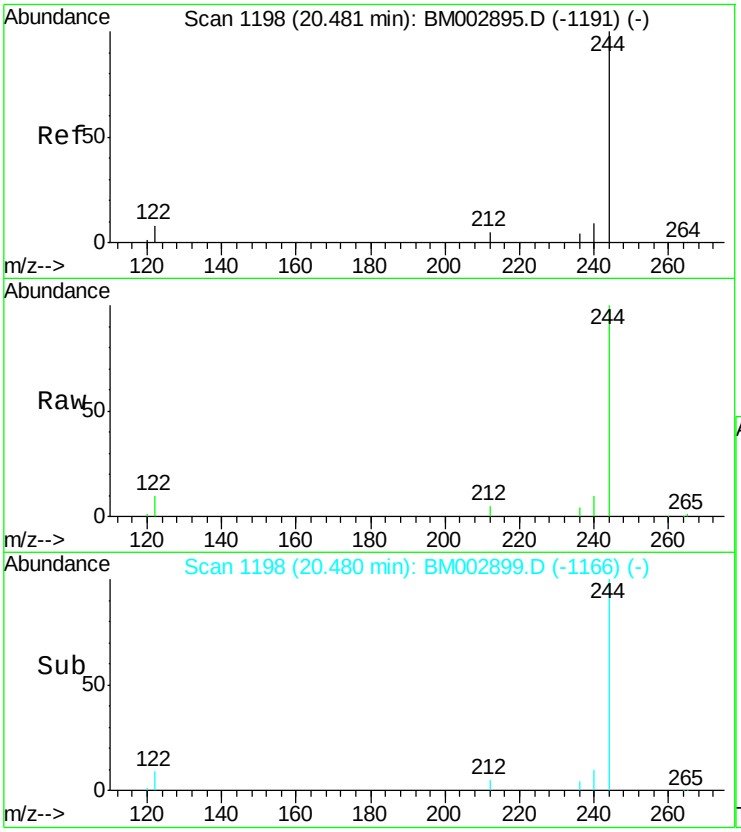


#24
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:240 Resp: 398291

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.4	15.6
236	24.7	22.0	33.0



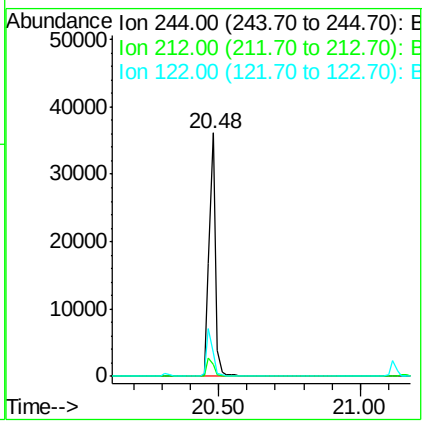


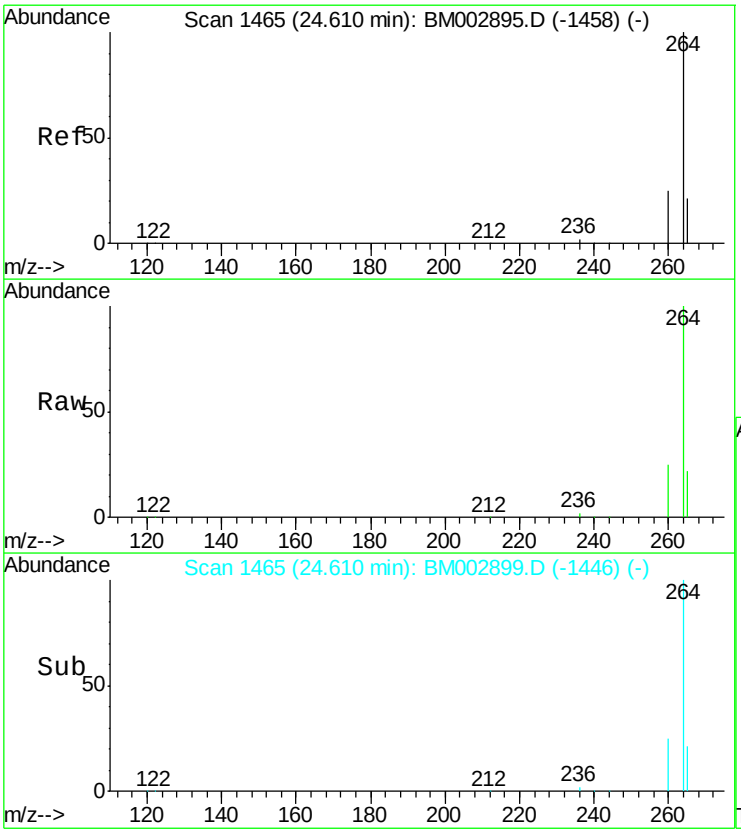
#25
Terphenyl-d14
Concen: 0.90 ng
RT: 20.48 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Instrument :
BNA_M
ClientSampleId :
ICVBM101315

Tgt Ion:244 Resp: 54409

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.3	10.9
122	19.4	14.8	22.2





#26
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM002899.D
Acq: 13 Oct 2015 22:48

Tgt Ion:264 Resp: 364890

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.9	17.4	26.2