Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052815\
Data File : BM001423.D
Acq On : 28 May 2015 10:08
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: May 28 15:26:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM052815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 15:25:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12467	5.00	ng		0.00
6) Naphthalene-d8	10.16	136	43697	5.00	ng		0.00
9) Acenaphthene-d10	14.07	164	26490	5.00	ng		0.00
15) Phenanthrene-d10	16.81	188	61486	5.00	ng		0.00
17) Chrysene-d12	21.03	240	54241	5.00	ng		0.00
21) Perylene-d12	23.12	264	47721	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	4.97	112	19871	9.93	ng		0.00
3) Phenol-d6	6.57	99	22348	10.98	ng		-0.03
7) Nitrobenzene-d5	8.53	82	27117	11.41	ng		0.00
10) 2,4,6-Tribromophenol	15.58	330	11252	13.90	ng		0.00
11) 2-Fluorobiphenyl	12.68	172	71813	9.62	ng		0.00
18) Terphenyl-d14	19.48	244	71854	10.70	ng		0.00
Target Compounds							Qvalue
4) bis(2-Chloroethyl)ether	6.82	93	20041	8.91	ng		83
5) n-Nitroso-di-n-propylamine	8.18	70	16562	12.77	ng	#	94
8) bis(2-Chloroethoxy)methane	9.60	93	30211	12.92	ng		97
12) 2,6-Dinitrotoluene	13.66	165	16880	15.11	ng	#	83
13) 2,4-Dinitrotoluene	14.46	165	22622	17.45	ng	#	53
14) 4-Chlorophenyl-phenylether	15.11	204	40253	9.93	ng	#	65
16) 4-Bromophenyl-phenylether	16.02	248	24928	10.32	ng	#	75
19) Benzo(a)anthracene	21.01	228	141104	42.77	ng		98
20) 3,3'-Dichlorobenzidine	20.95	252	47780	13.95	ng	#	72

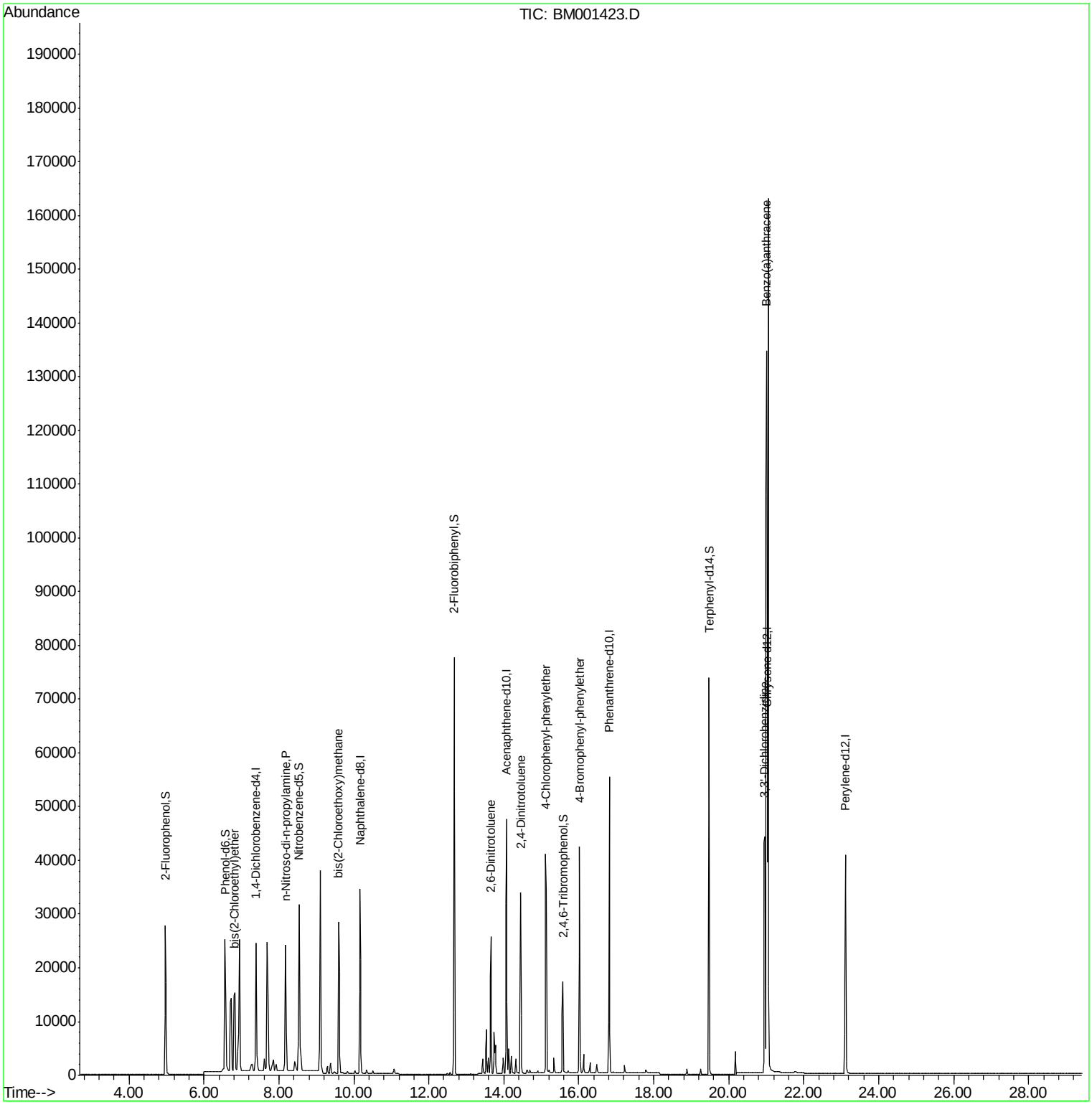
(#) = qualifier out of range (m) = manual integration (+) = signals summed

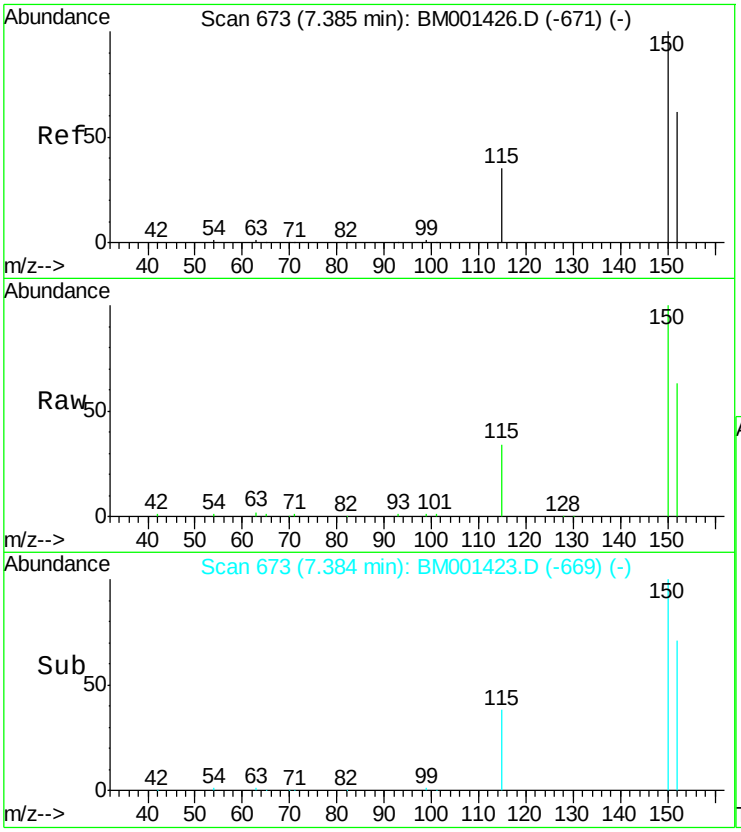
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052815\
Data File : BM001423.D
Acq On : 28 May 2015 10:08
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: May 28 15:26:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM052815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 15:25:05 2015
Response via : Initial Calibration



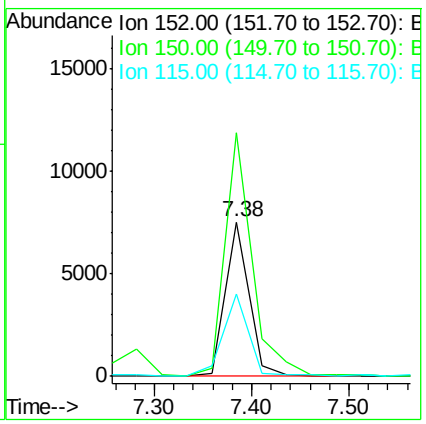


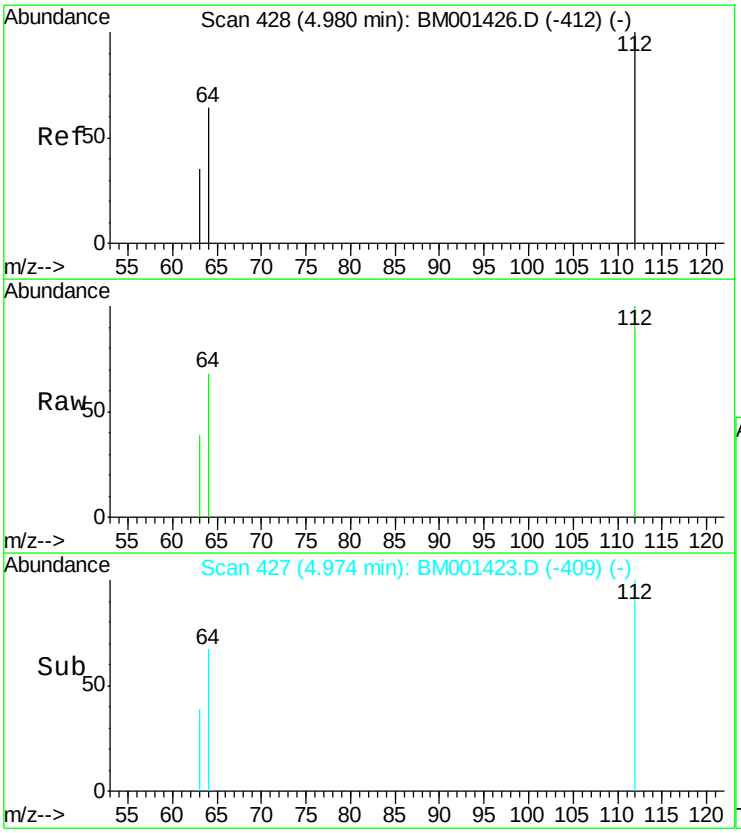
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 12467

Ion	Ratio	Lower	Upper
152	100		
150	157.7	128.4	192.6
115	53.4	45.6	68.4

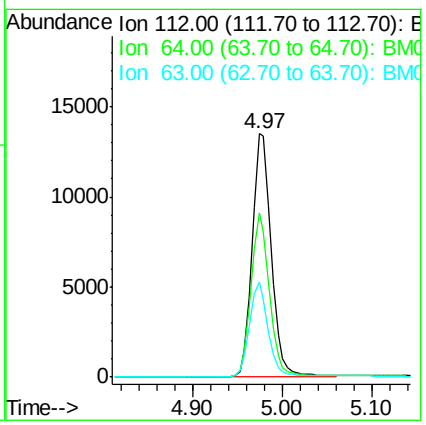


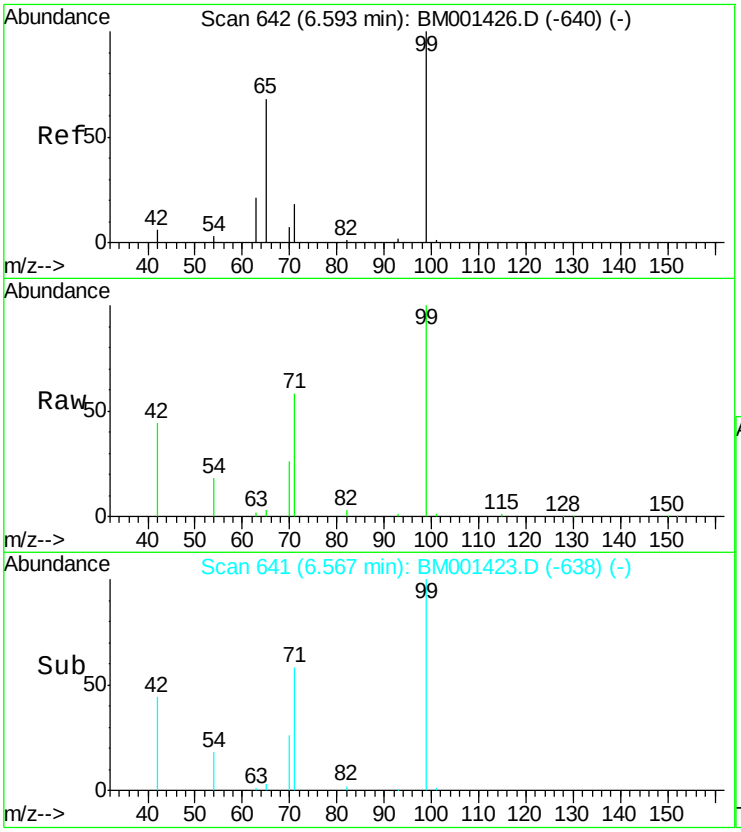


#2
2-Fluorophenol
Concen: 9.93 ng
RT: 4.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:112 Resp: 19871

Ion	Ratio	Lower	Upper
112	100		
64	67.6	52.1	78.1
63	39.1	30.2	45.2



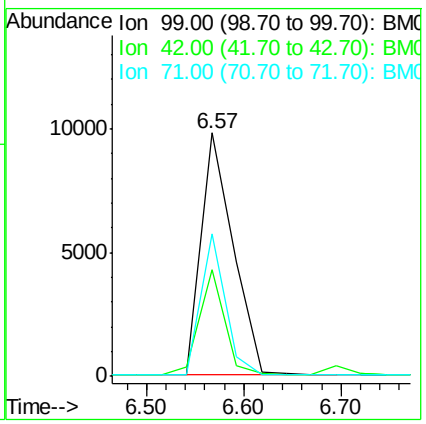


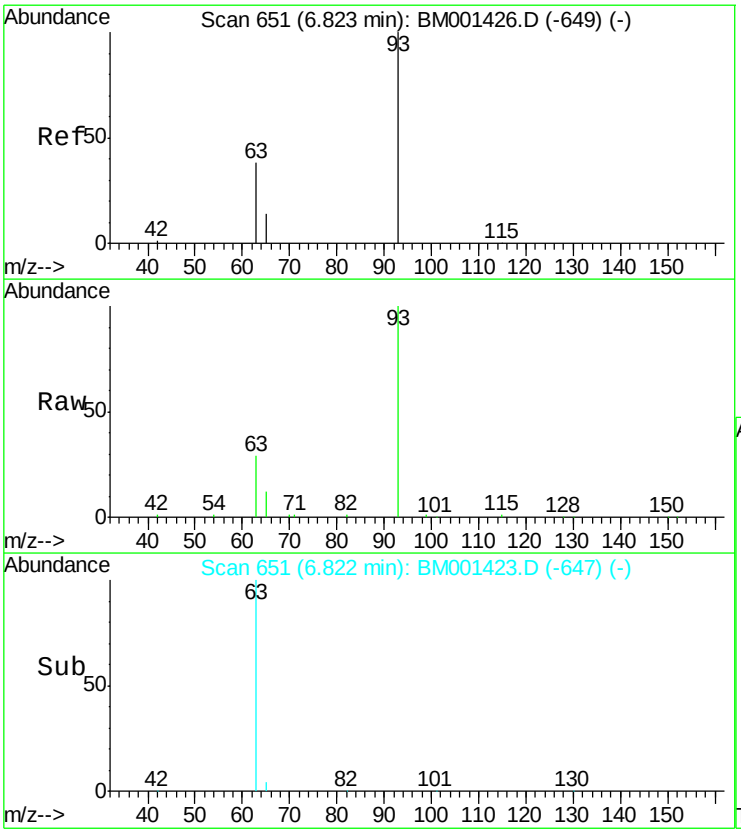
#3
Phenol-d6
Concen: 10.98 ng
RT: 6.57 min Scan# 641
Delta R.T. -0.03 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 22348

Ion	Ratio	Lower	Upper
99	100		
42	44.0	13.7	20.5#
71	58.4	19.8	29.6#

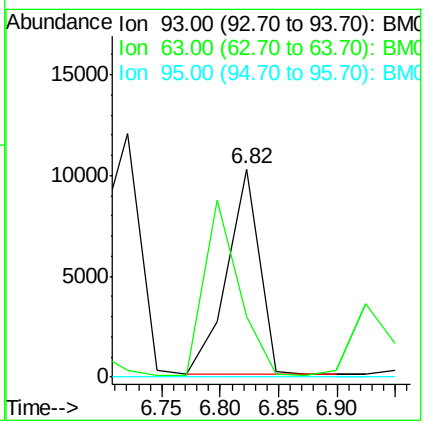


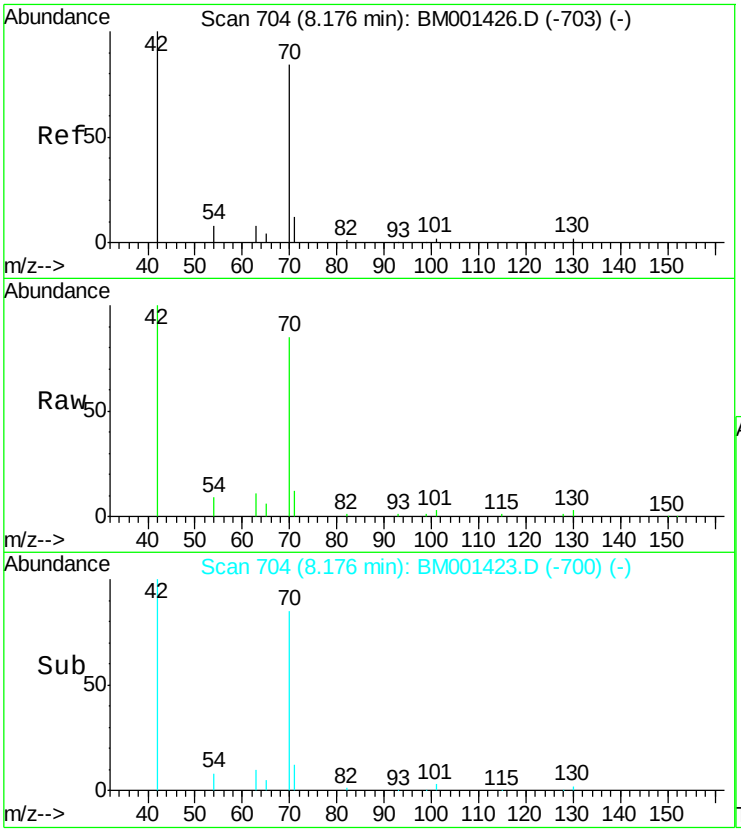


#4
bis(2-Chloroethyl)ether
Concen: 8.91 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion: 93 Resp: 20041

Ion	Ratio	Lower	Upper
93	100		
63	29.3	20.0	60.0
95	0.0	0.0	20.0



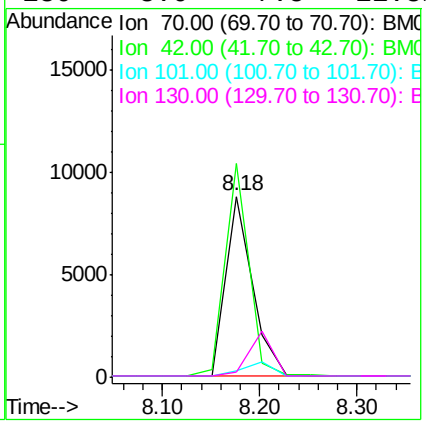


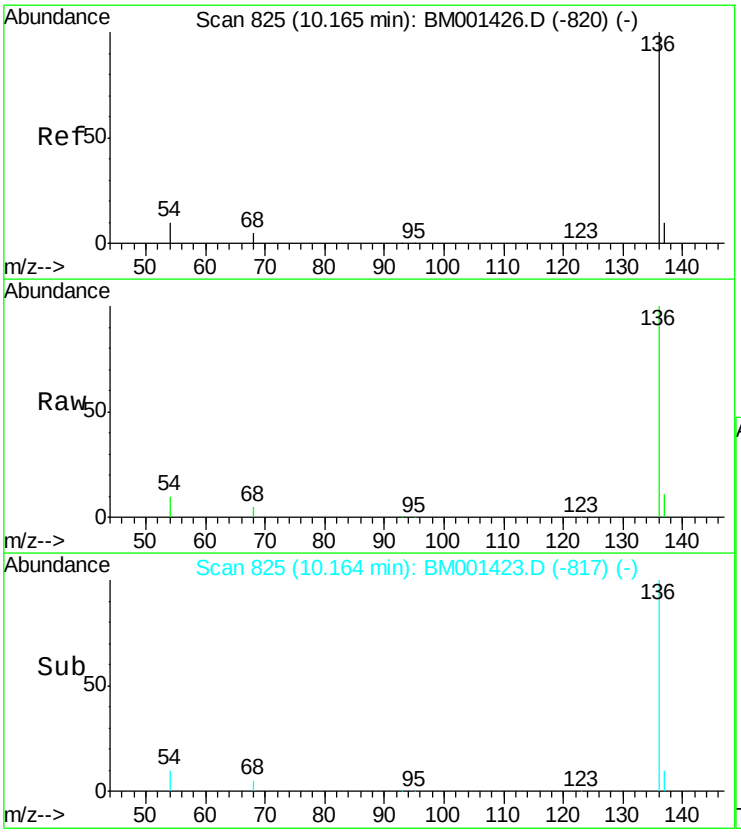
#5
n-Nitroso-di-n-propylamine
Concen: 12.77 ng
RT: 8.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 16562

Ion	Ratio	Lower	Upper
70	100		
42	118.2	97.8	146.6
101	3.7	8.2	12.2#
130	3.0	7.5	11.3#

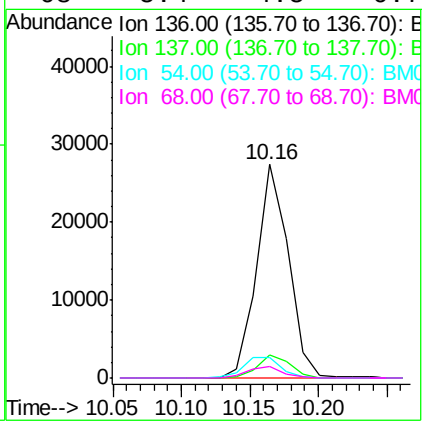


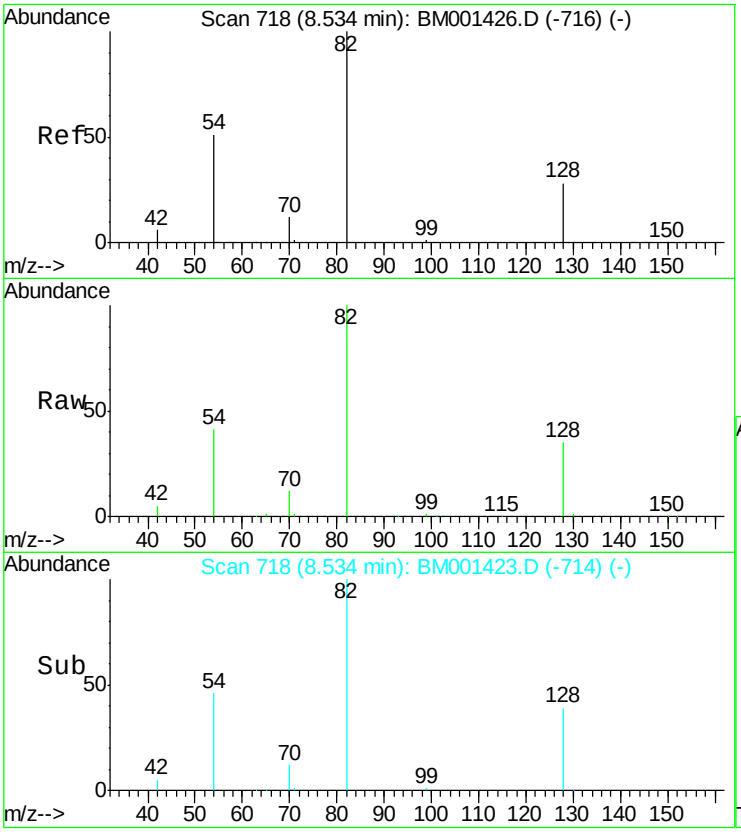


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.16 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:136 Resp: 43697

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	9.7	8.2	12.4
68	5.4	4.5	6.7



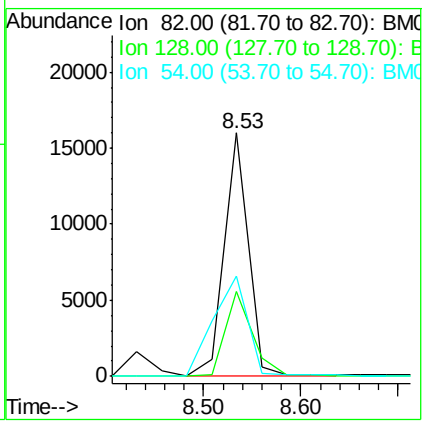


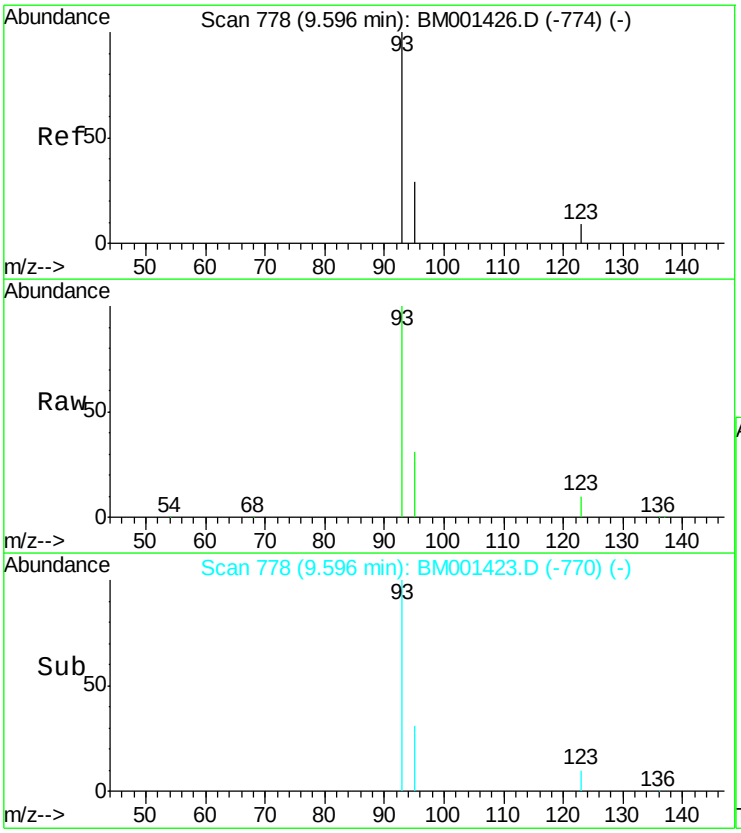
#7
Nitrobenzene-d5
Concen: 11.41 ng
RT: 8.53 min Scan# 718
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 27117

Ion	Ratio	Lower	Upper
82	100		
128	34.9	24.4	36.6
54	41.3	42.3	63.5#

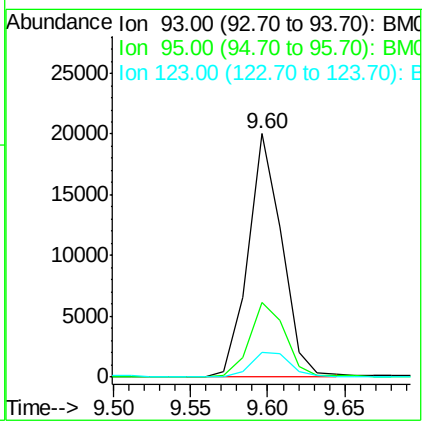


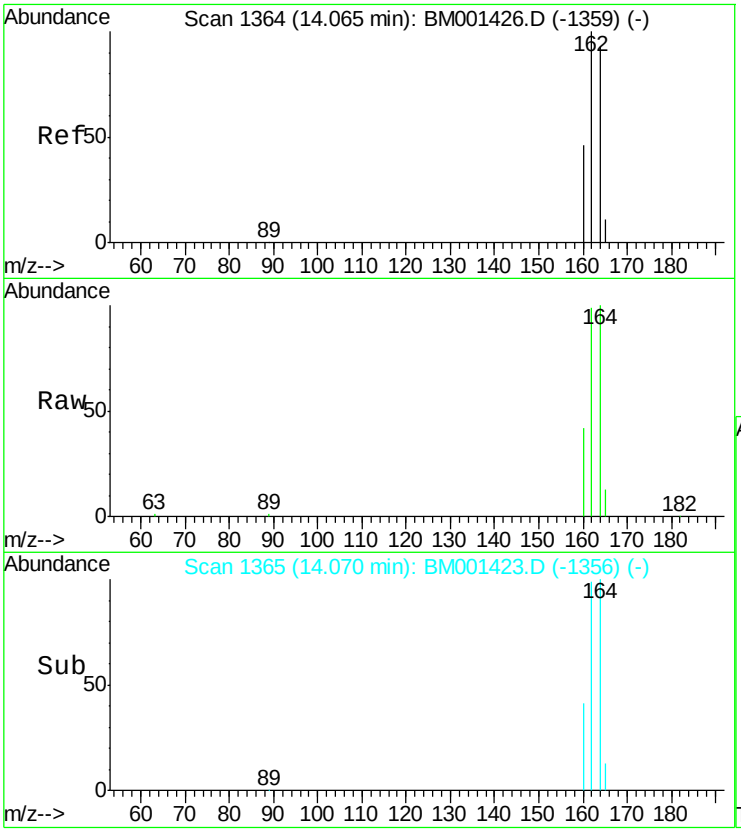


#8
bis(2-Chloroethoxy)methane
Concen: 12.92 ng
RT: 9.60 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion: 93 Resp: 30211

Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.3	37.9
123	10.3	10.2	15.2



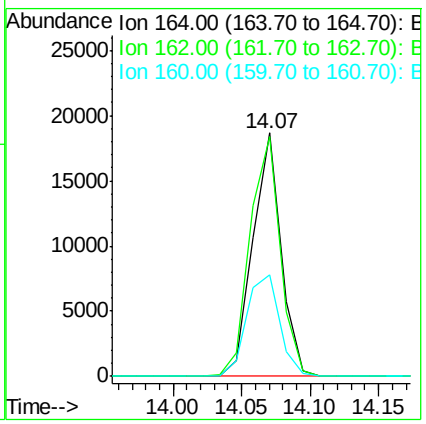


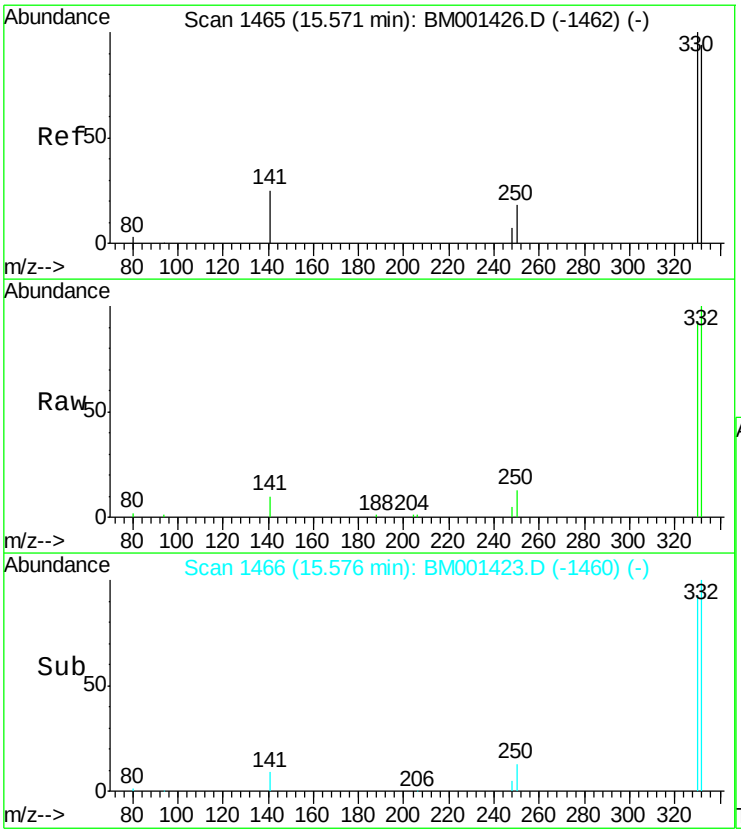
#9
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.07 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 26490

Ion	Ratio	Lower	Upper
164	100		
162	98.7	86.2	129.2
160	41.6	39.4	59.2

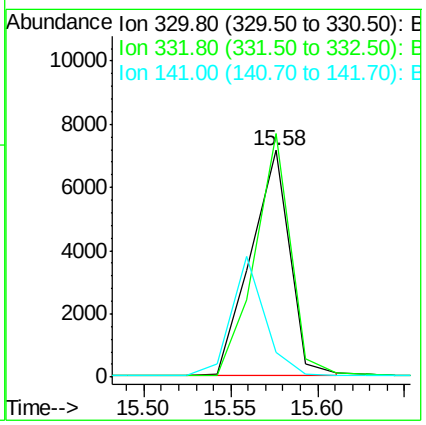


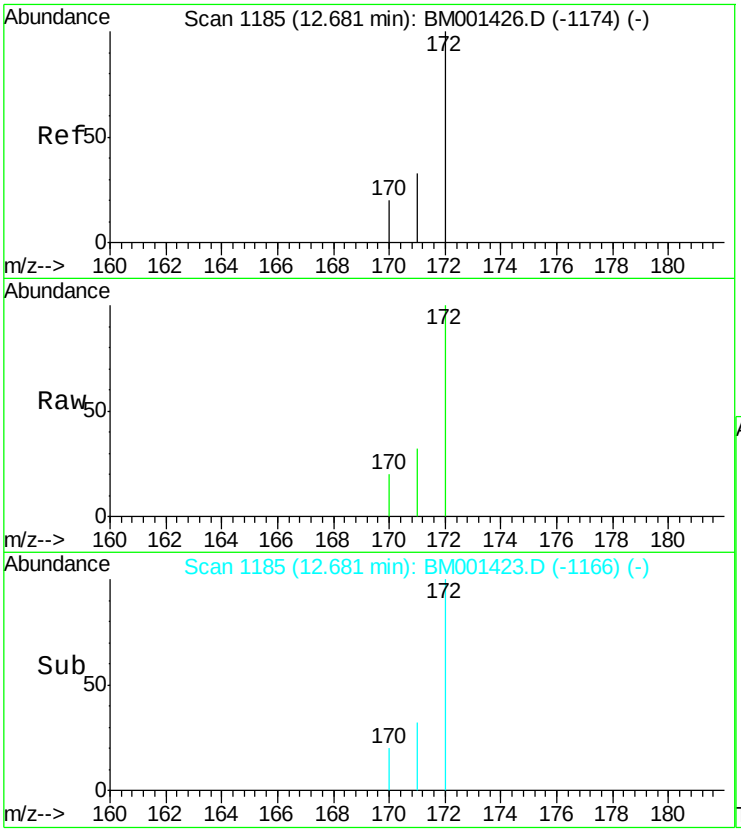


#10
2,4,6-Tribromophenol
Concen: 13.90 ng
RT: 15.58 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:330 Resp: 11252

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.3	114.5
141	45.0	35.0	52.4



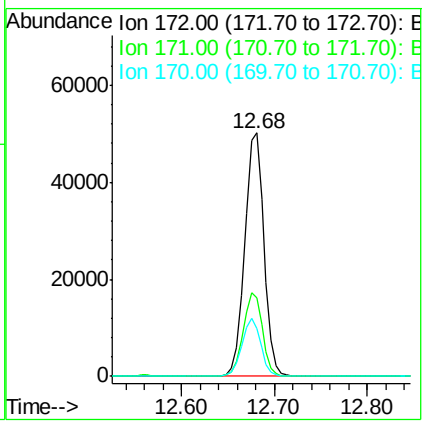


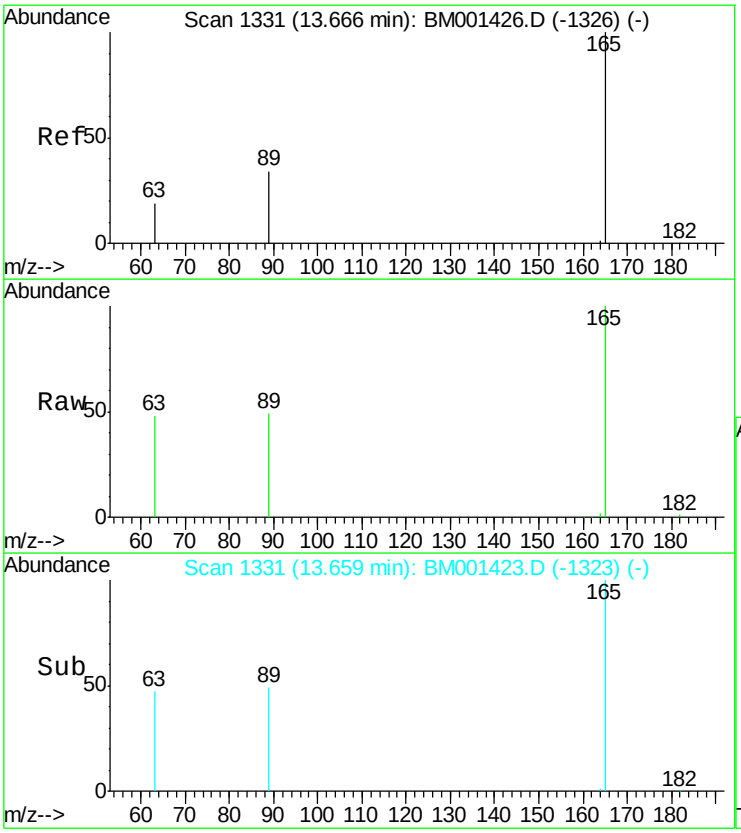
#11
2-Fluorobiphenyl
Concen: 9.62 ng
RT: 12.68 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 71813

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.9	40.3
170	19.6	17.1	25.7

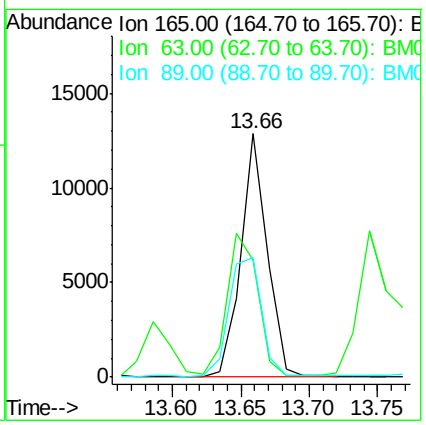


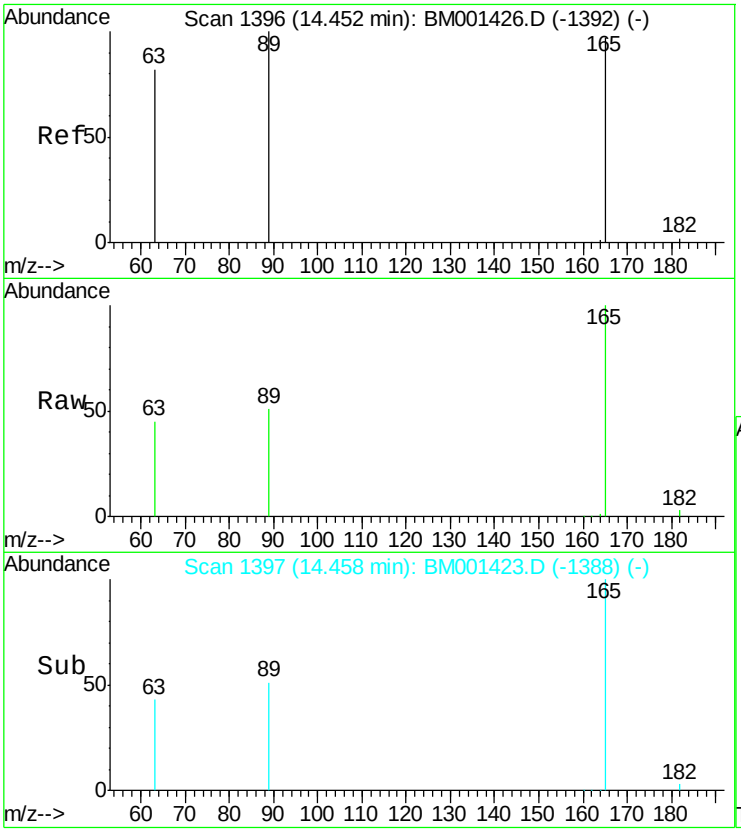


#12
2,6-Dinitrotoluene
Concen: 15.11 ng
RT: 13.66 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:165 Resp: 16880

Ion	Ratio	Lower	Upper
165	100		
63	48.0	29.1	43.7#
89	48.9	32.1	48.1#



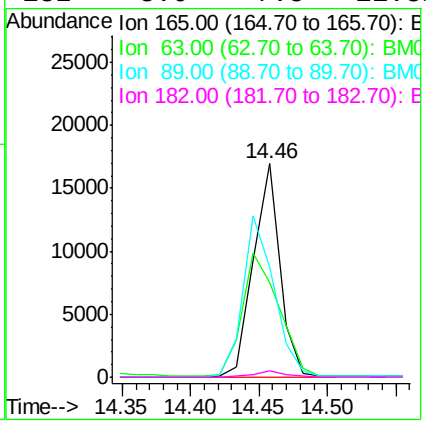


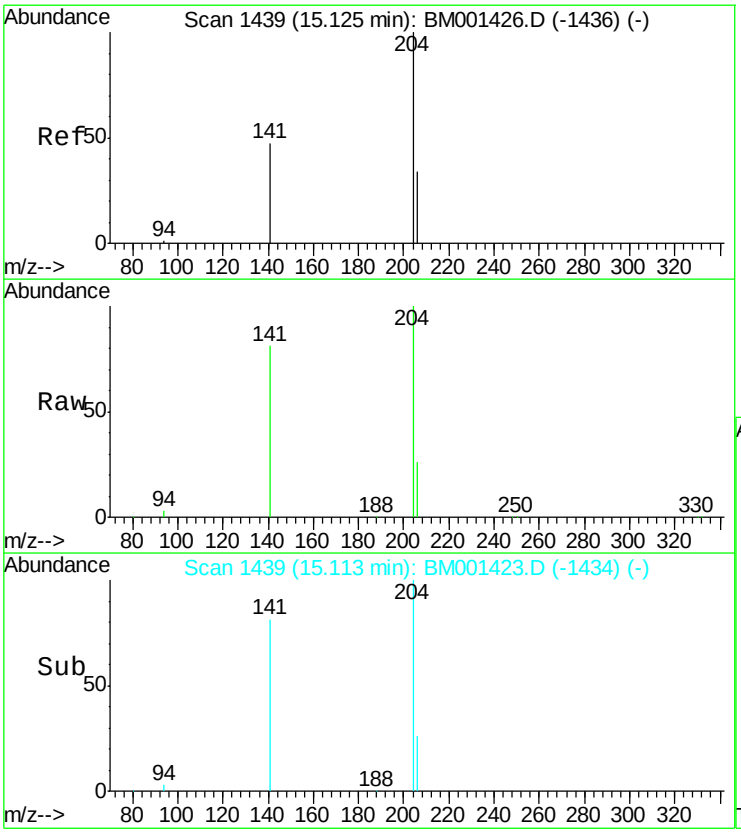
#13
2,4-Dinitrotoluene
Concen: 17.45 ng
RT: 14.46 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 22622

Ion	Ratio	Lower	Upper
165	100		
63	44.6	70.6	105.8#
89	51.4	82.4	123.6#
182	3.0	7.5	11.3#

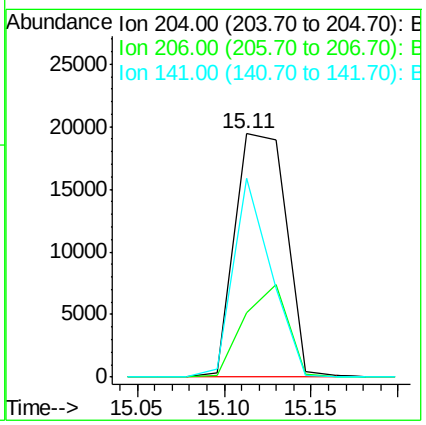


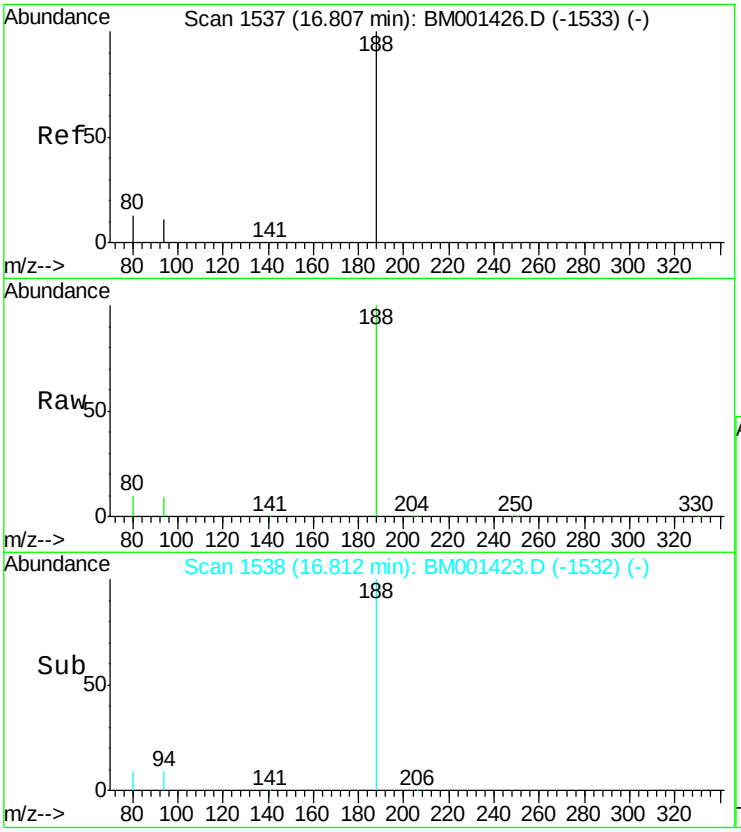


#14
4-Chlorophenyl-phenylether
Concen: 9.93 ng
RT: 15.11 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:204 Resp: 40253

Ion	Ratio	Lower	Upper
204	100		
206	26.2	27.8	41.8#
141	81.4	38.2	57.4#



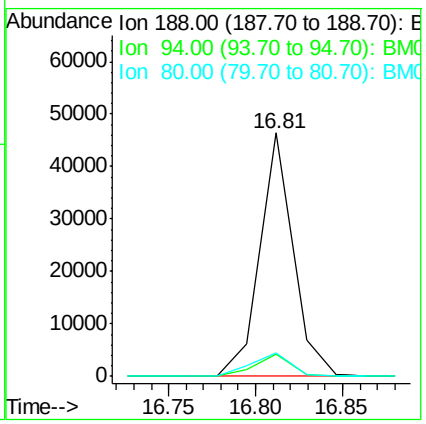


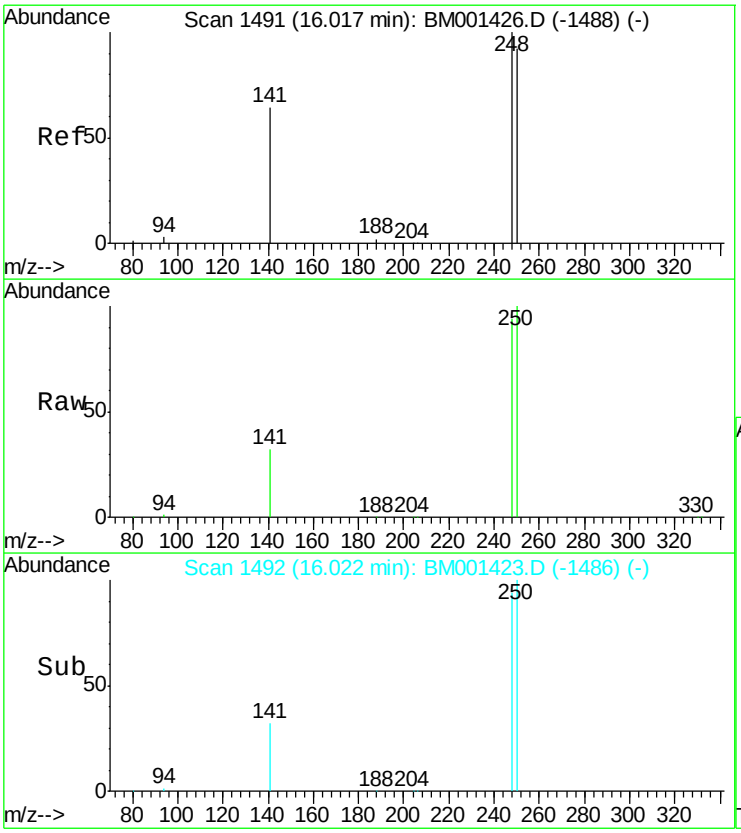
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.81 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 61486

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.5	10.6	15.8#

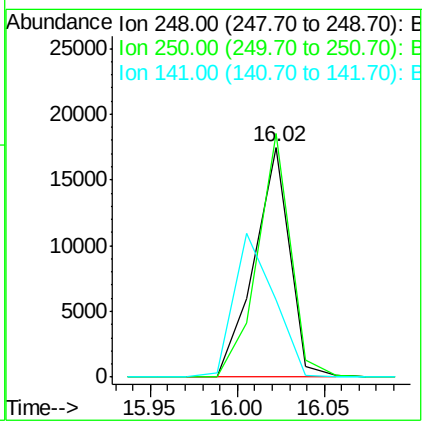


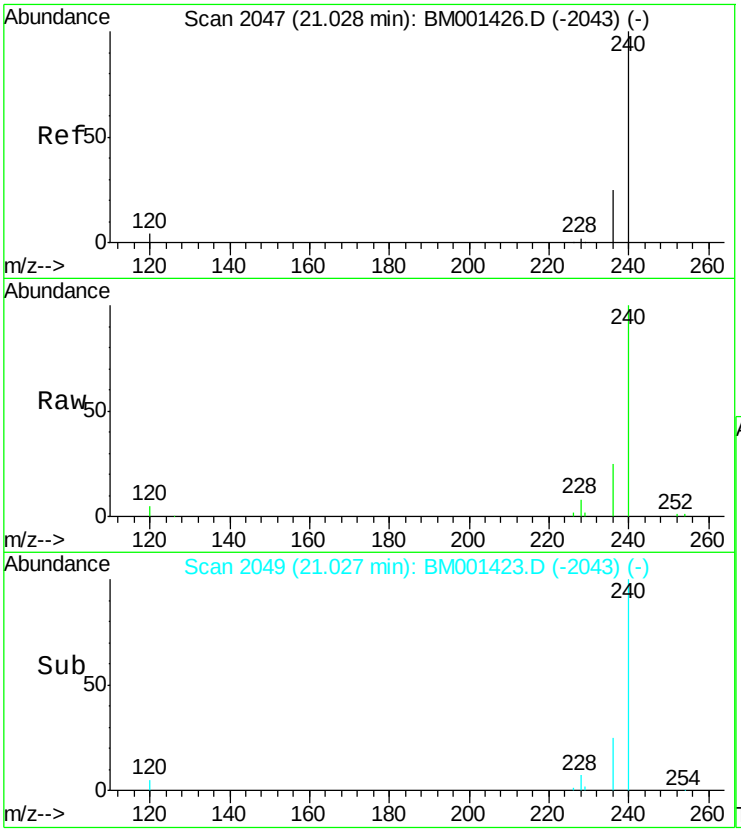


#16
4-Bromophenyl-phenylether
Concen: 10.32 ng
RT: 16.02 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:248 Resp: 24928

Ion	Ratio	Lower	Upper
248	100		
250	106.0	74.1	111.1
141	33.6	52.4	78.6#



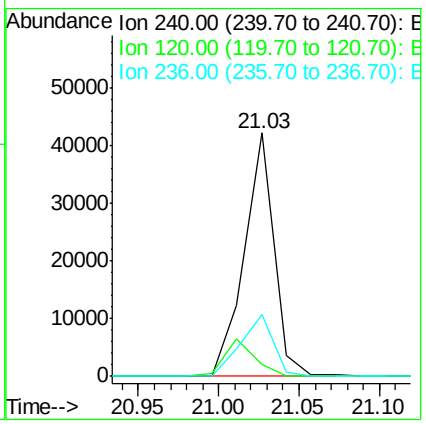


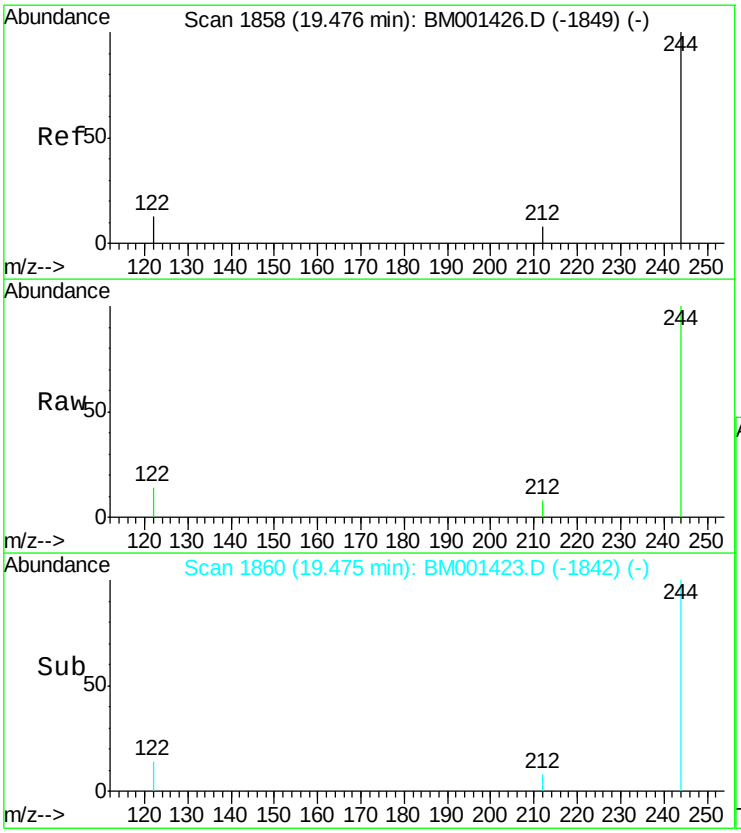
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 54241

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.2	4.8
236	25.2	19.8	29.6

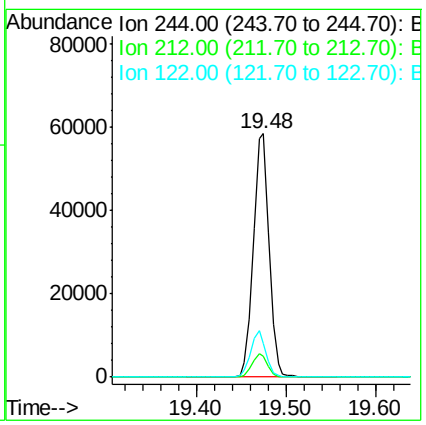


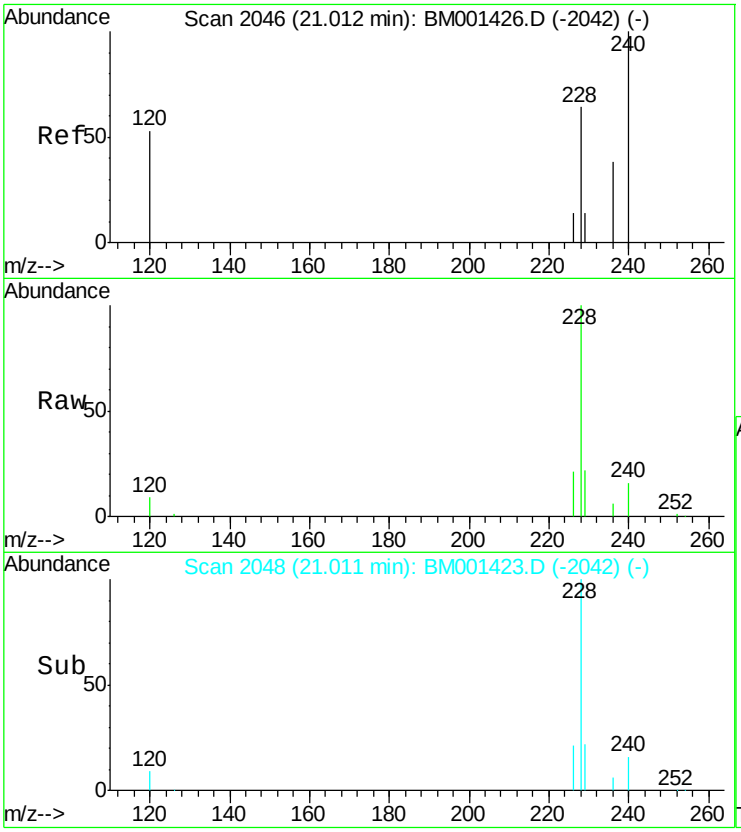


#18
Terphenyl-d14
Concen: 10.70 ng
RT: 19.48 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:244 Resp: 71854

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	13.7	11.4	17.0



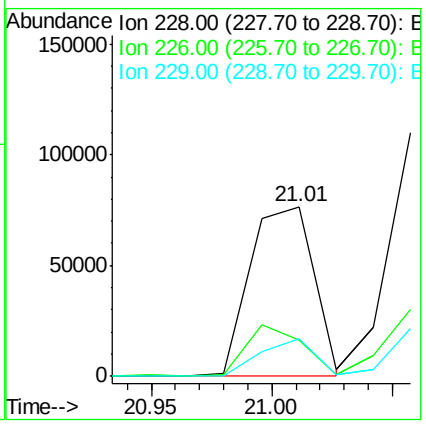


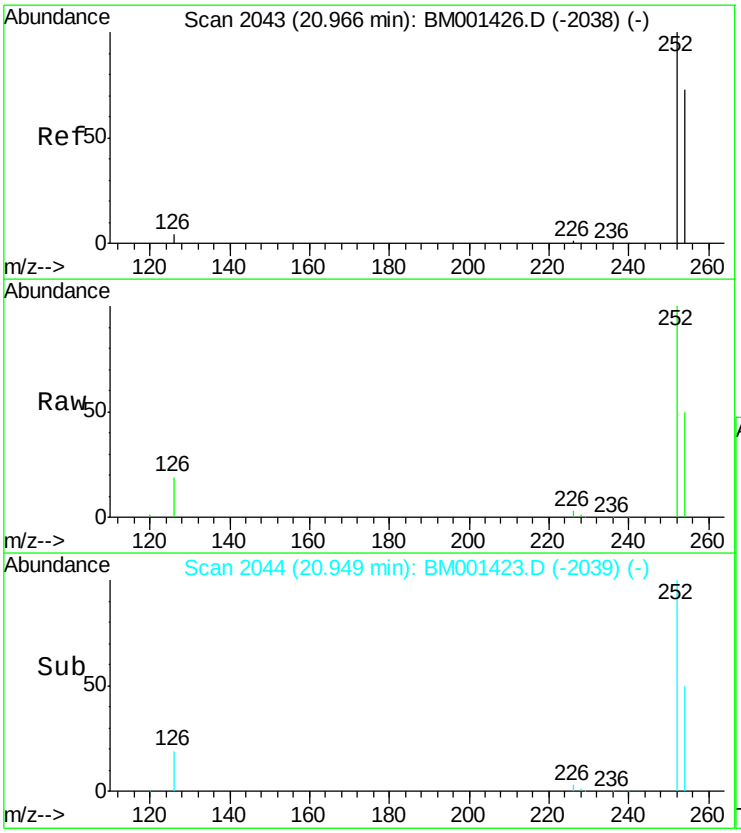
#19
Benzo(a)anthracene
Concen: 42.77 ng
RT: 21.01 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 141104

Ion	Ratio	Lower	Upper
228	100		
226	21.1	18.2	27.2
229	22.4	17.8	26.8

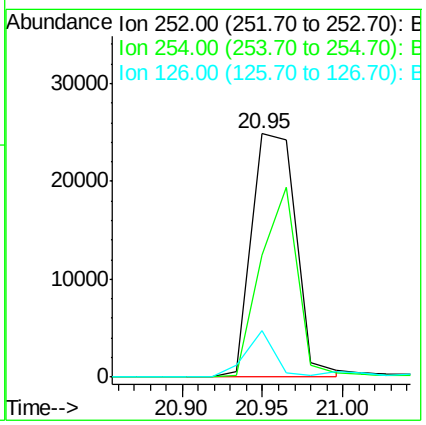


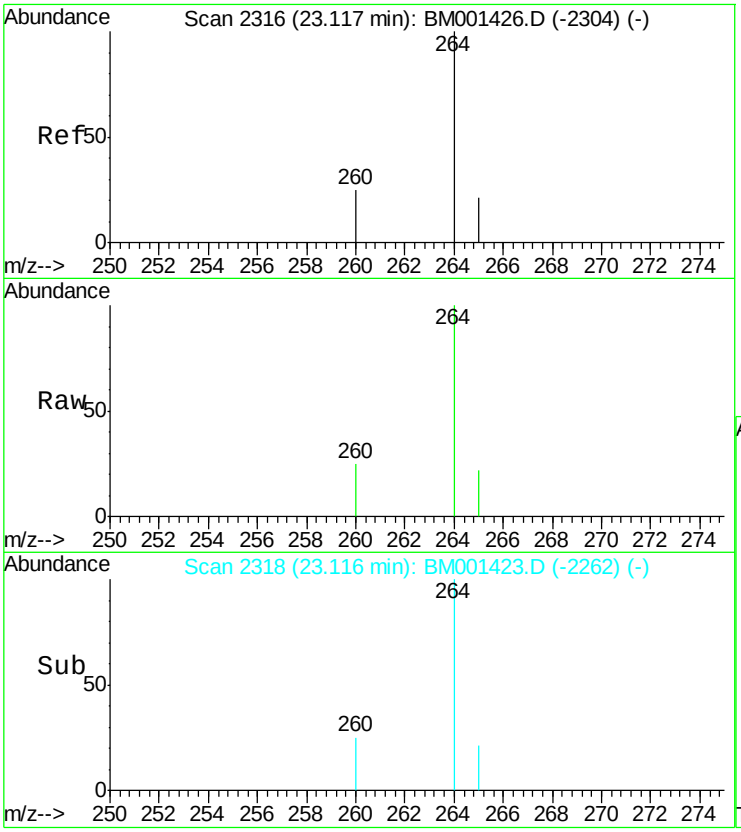


#20
3,3'-Dichlorobenzidine
Concen: 13.95 ng
RT: 20.95 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:252 Resp: 47780

Ion	Ratio	Lower	Upper
252	100		
254	50.1	59.0	88.6#
126	18.9	5.9	8.9#





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.12 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 47721

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.6	17.3	25.9