Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
Data File : BM001492.D
Acq On : 31 May 2015 02:42
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: May 31 05:13:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM053115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 31 05:09:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	13582	5.00	ng		0.00
6) Naphthalene-d8	10.15	136	51688	5.00	ng		0.00
9) Acenaphthene-d10	14.07	164	26770	5.00	ng		0.00
15) Phenanthrene-d10	16.81	188	53615	5.00	ng		0.00
17) Chrysene-d12	21.02	240	45268	5.00	ng		0.00
21) Perylene-d12	23.11	264	39560	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	4.97	112	13164	5.84	ng		0.00
3) Phenol-d6	6.57	99	17803	7.40	ng		0.00
7) Nitrobenzene-d5	8.53	82	14402	5.15	ng		0.00
10) 2,4,6-Tribromophenol	15.57	330	5255	6.32	ng		0.00
11) 2-Fluorobiphenyl	12.67	172	38615	5.11	ng		0.00
18) Terphenyl-d14	19.47	244	28701	5.07	ng		0.00
Target Compounds							Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	13196	5.24	ng		88
5) n-Nitroso-di-n-propylamine	8.18	70	11510	7.70	ng	#	95
8) bis(2-Chloroethoxy)methane	9.58	93	17790	6.32	ng		96
12) 2,6-Dinitrotoluene	13.65	165	7905	6.90	ng		90
13) 2,4-Dinitrotoluene	14.45	165	9764	7.38	ng	#	71
14) 4-Chlorophenyl-phenylether	15.11	204	19119	4.74	ng		99
16) 4-Bromophenyl-phenylether	16.02	248	11246	5.35	ng		99
19) Benzo(a)anthracene	21.01	228	54616	19.19	ng		97
20) 3,3'-Dichlorobenzidine	20.95	252	20535	6.83	ng		99

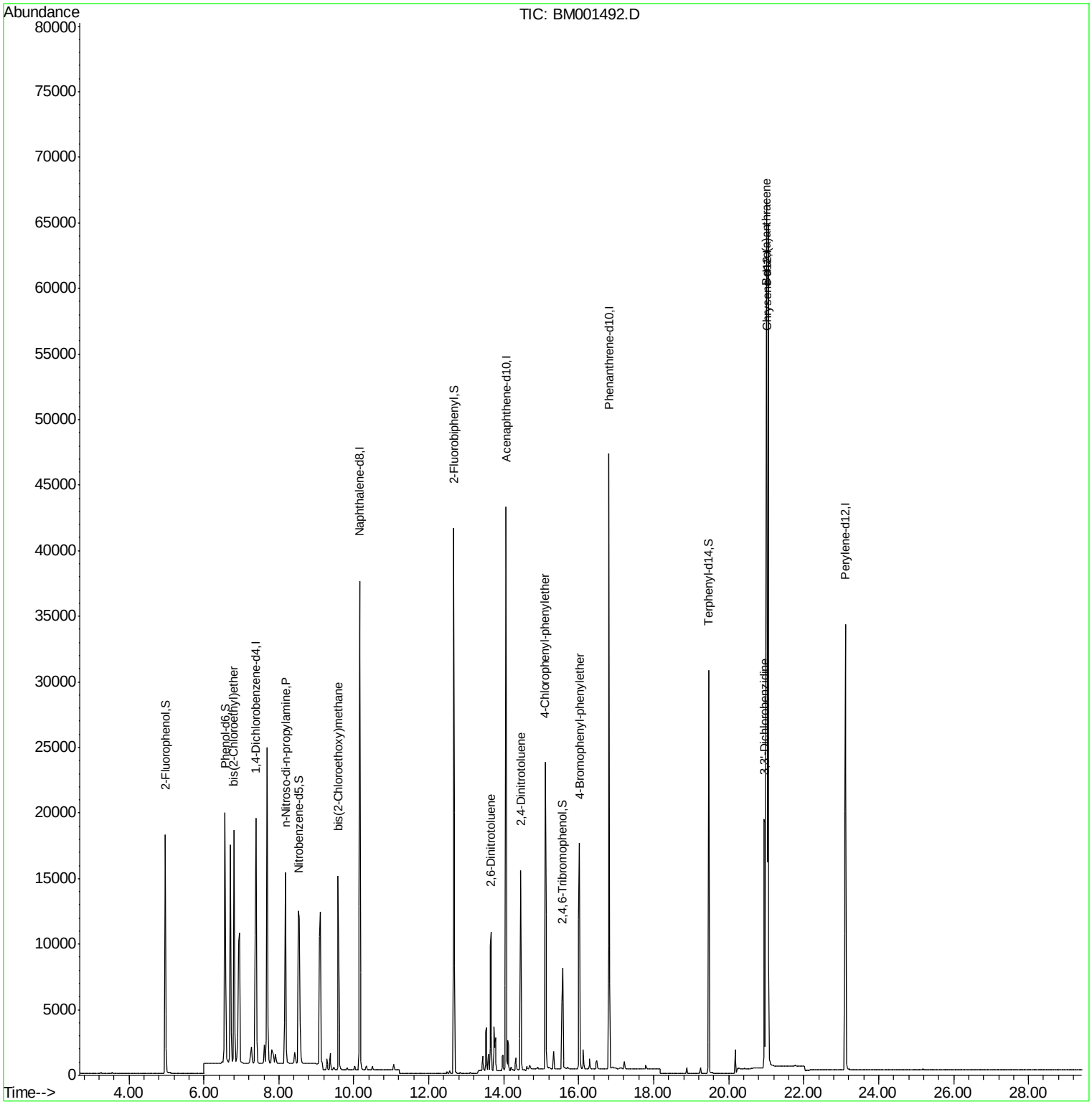
(#) = qualifier out of range (m) = manual integration (+) = signals summed

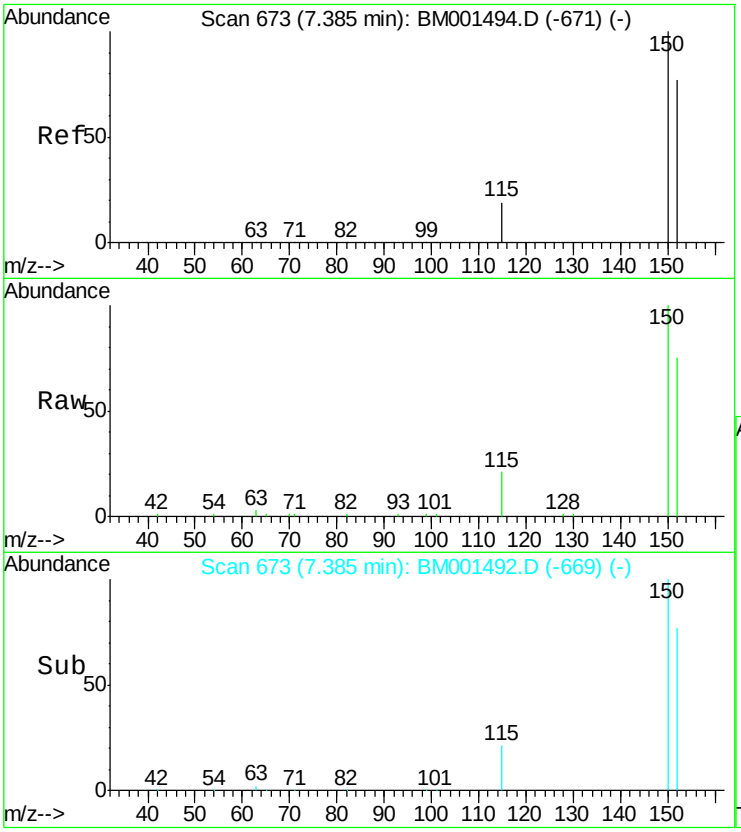
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
Data File : BM001492.D
Acq On : 31 May 2015 02:42
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: May 31 05:13:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM053115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 31 05:09:58 2015
Response via : Initial Calibration



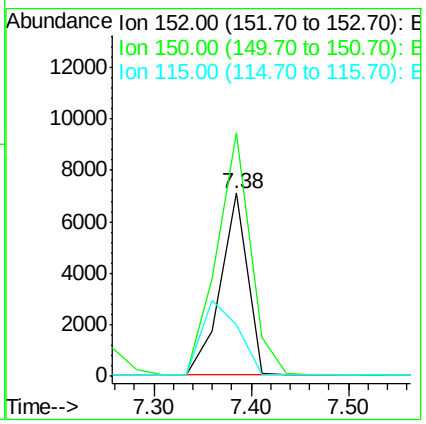


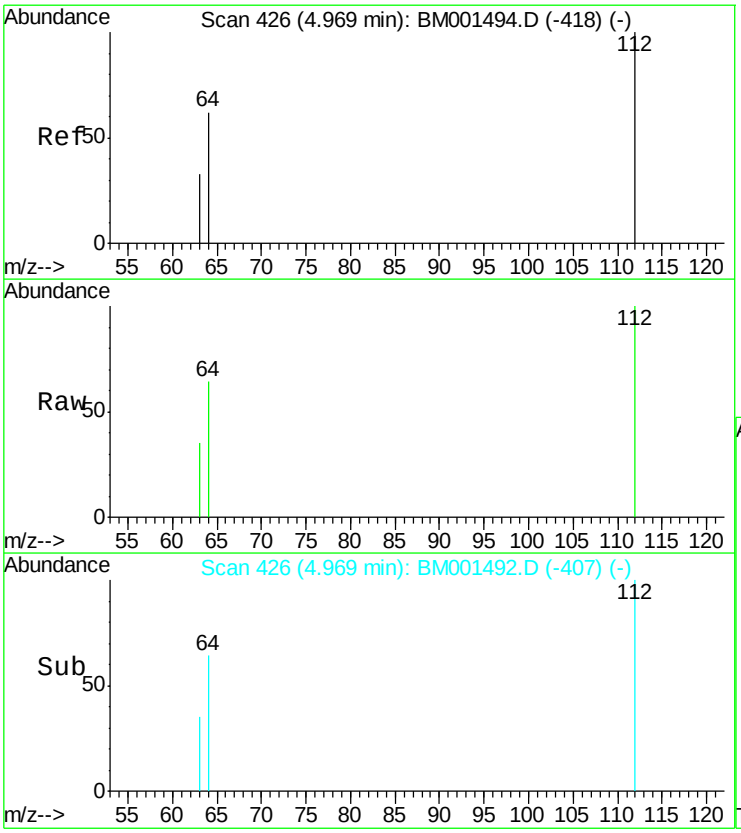
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 13582

Ion	Ratio	Lower	Upper
152	100		
150	133.1	103.8	155.8
115	28.1	20.7	31.1

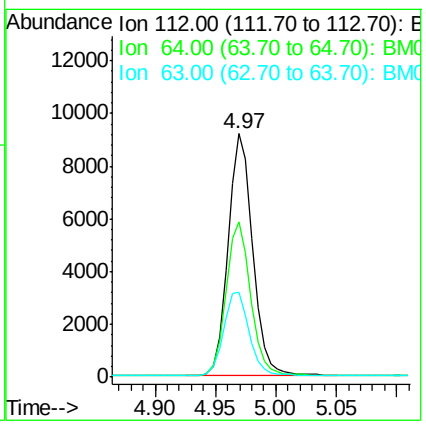


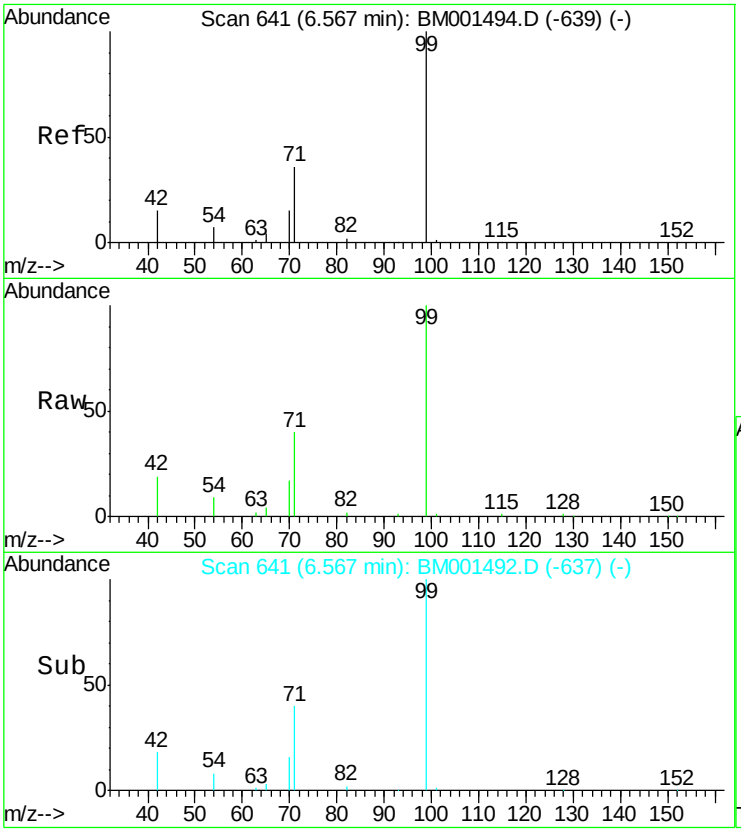


#2
2-Fluorophenol
Concen: 5.84 ng
RT: 4.97 min Scan# 426
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:112 Resp: 13164

Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.2	75.2
63	34.9	28.2	42.4



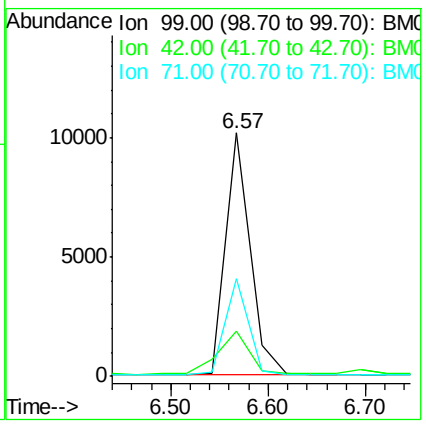


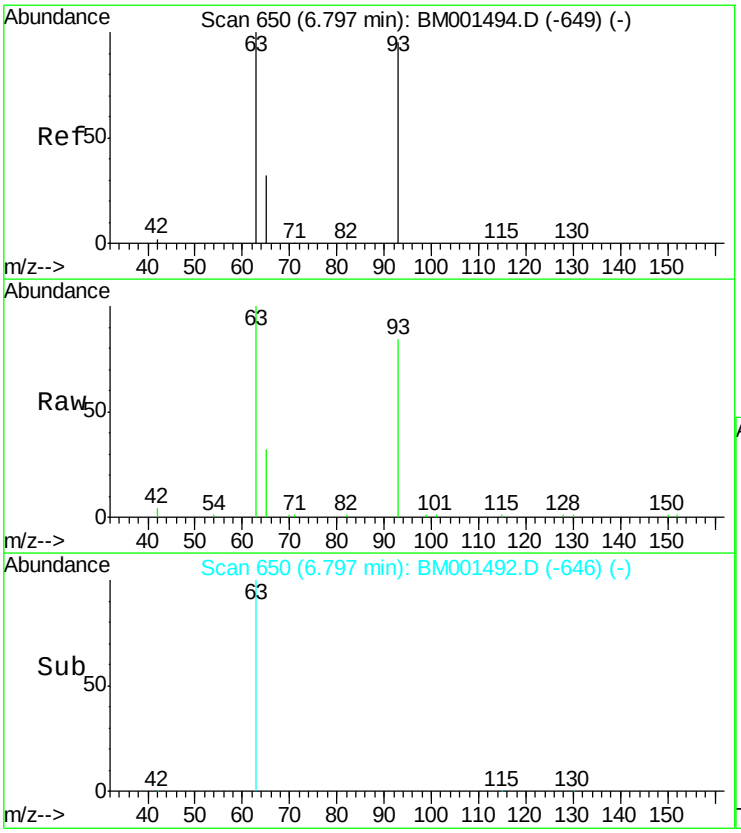
#3
Phenol-d6
Concen: 7.40 ng
RT: 6.57 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 17803

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.2	22.8
71	40.2	30.6	46.0

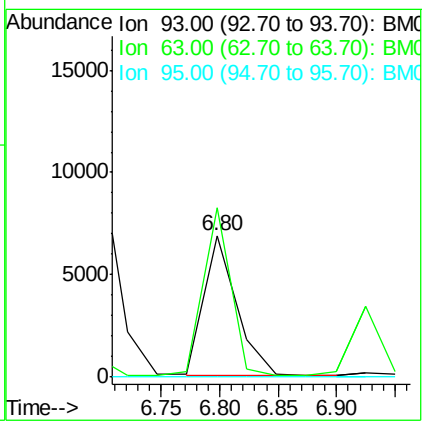


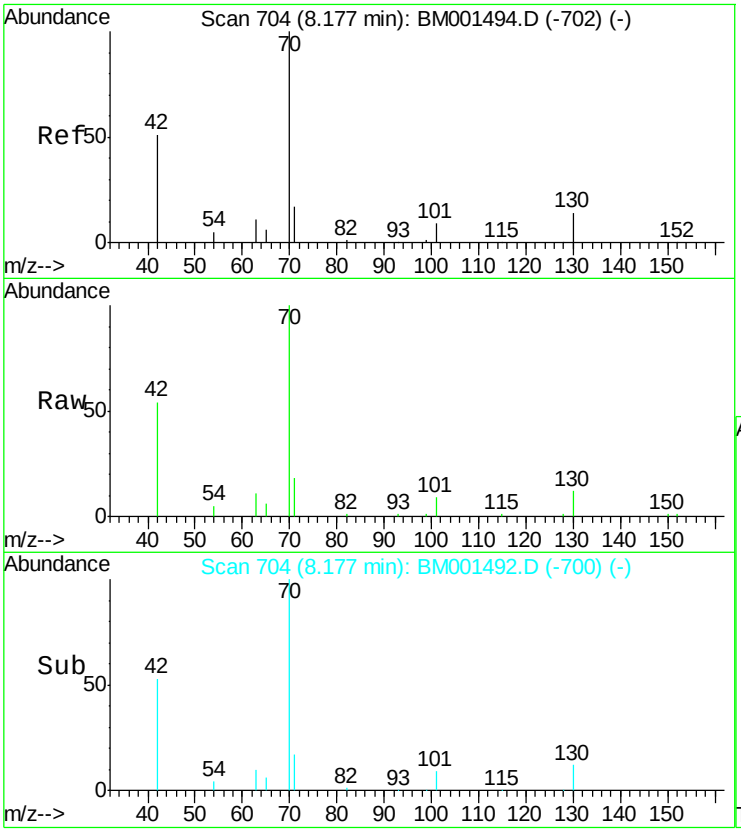


#4
bis(2-Chloroethyl)ether
Concen: 5.24 ng
RT: 6.80 min Scan# 650
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion: 93 Resp: 13196

Ion	Ratio	Lower	Upper
93	100		
63	119.5	86.8	126.8
95	0.0	0.0	20.0



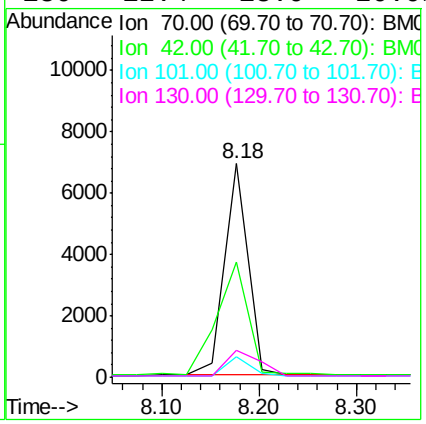


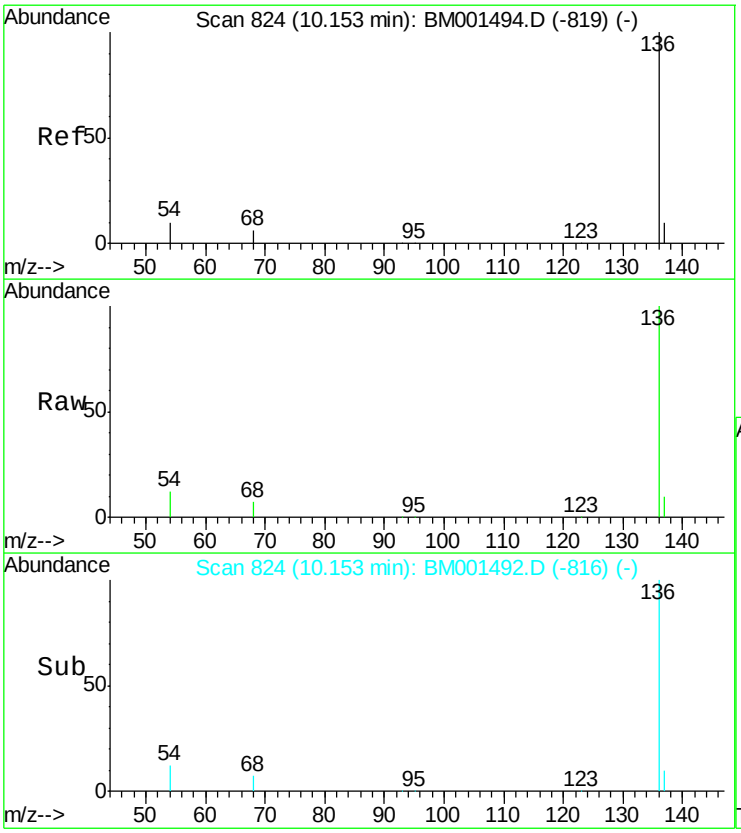
#5
n-Nitroso-di-n-propylamine
Concen: 7.70 ng
RT: 8.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 11510

Ion	Ratio	Lower	Upper
70	100		
42	53.8	44.2	66.2
101	9.4	10.3	15.5#
130	12.4	13.9	20.9#

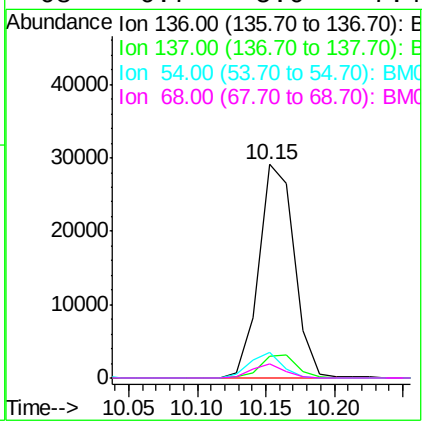


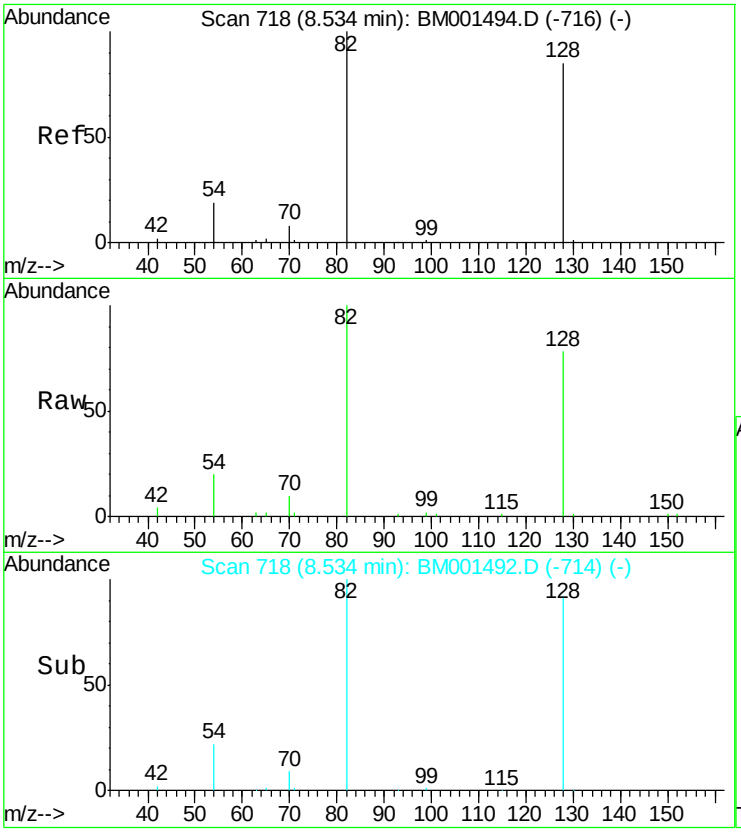


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.15 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:136 Resp: 51688

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	11.8	8.5	12.7
68	6.7	5.0	7.4



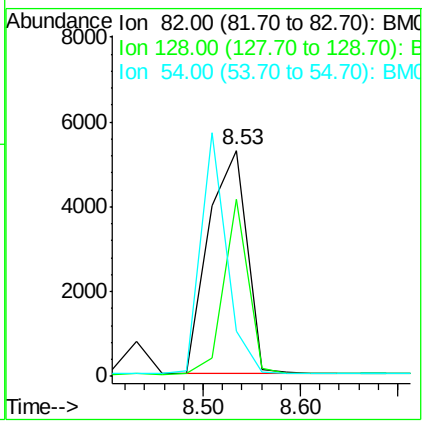


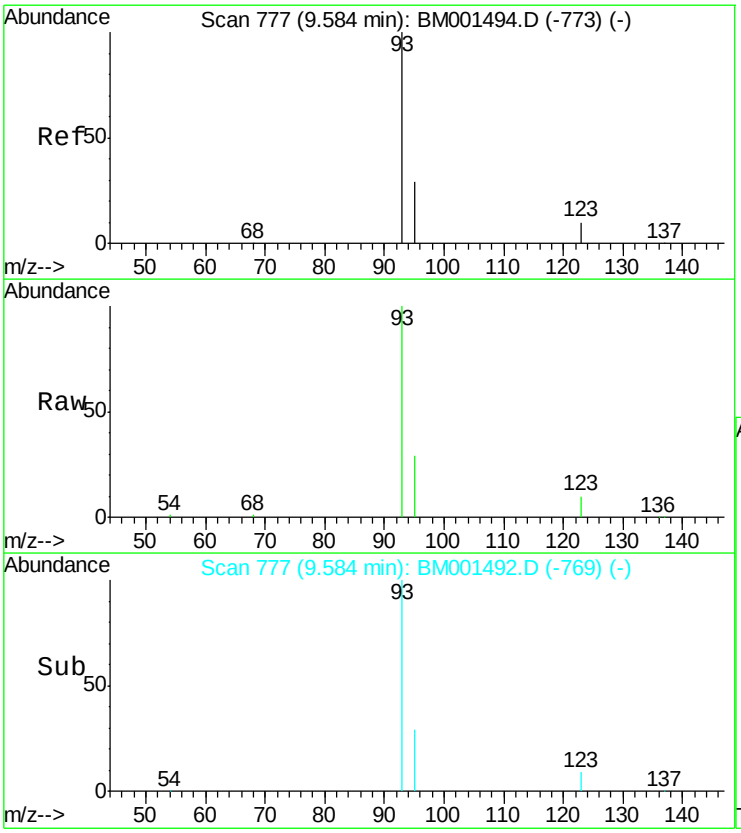
#7
Nitrobenzene-d5
Concen: 5.15 ng
RT: 8.53 min Scan# 718
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 14402

Ion	Ratio	Lower	Upper
82	100		
128	78.4	68.2	102.2
54	20.0	21.0	31.4#

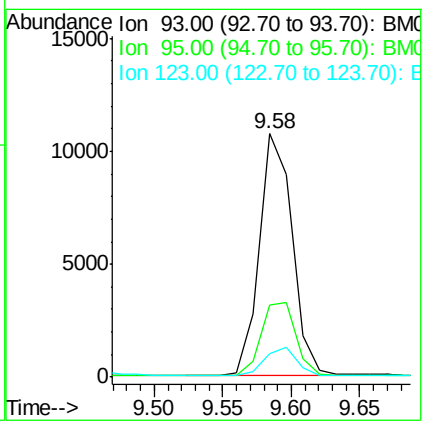


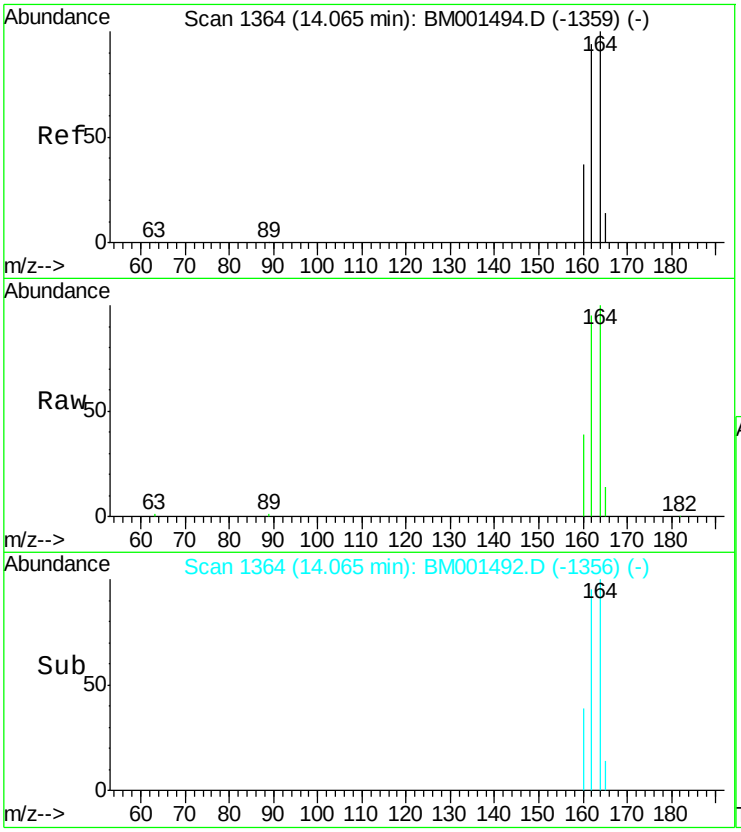


#8
bis(2-Chloroethoxy)methane
Concen: 6.32 ng
RT: 9.58 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion: 93 Resp: 17790

Ion	Ratio	Lower	Upper
93	100		
95	29.5	25.0	37.6
123	9.5	9.5	14.3



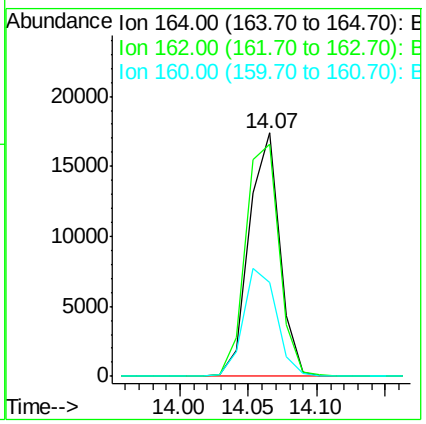


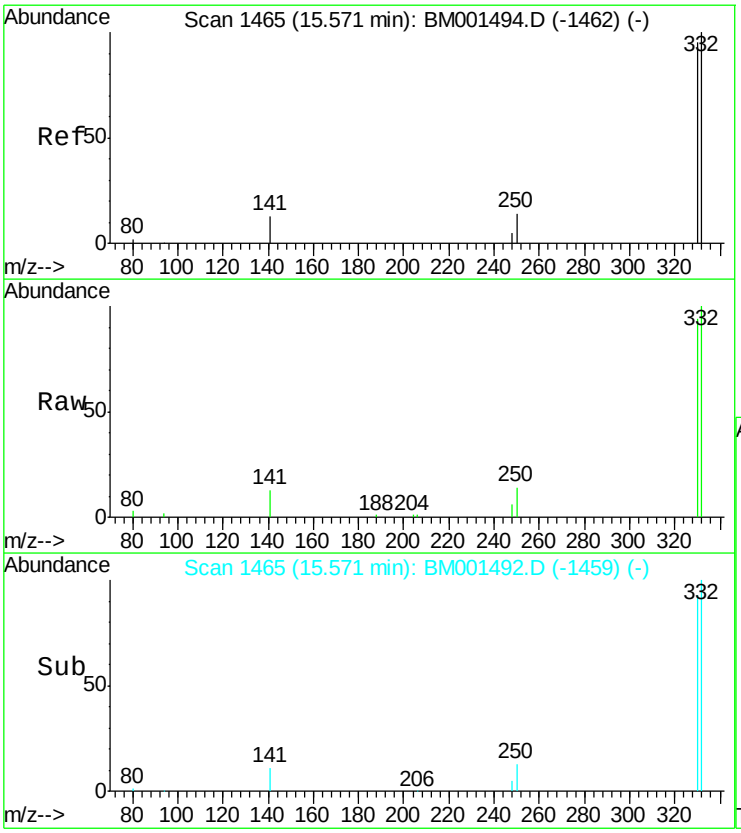
#9
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.07 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 26770

Ion	Ratio	Lower	Upper
164	100		
162	95.4	75.3	112.9
160	38.8	30.1	45.1

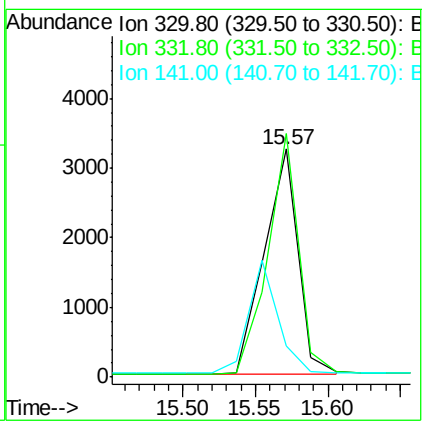


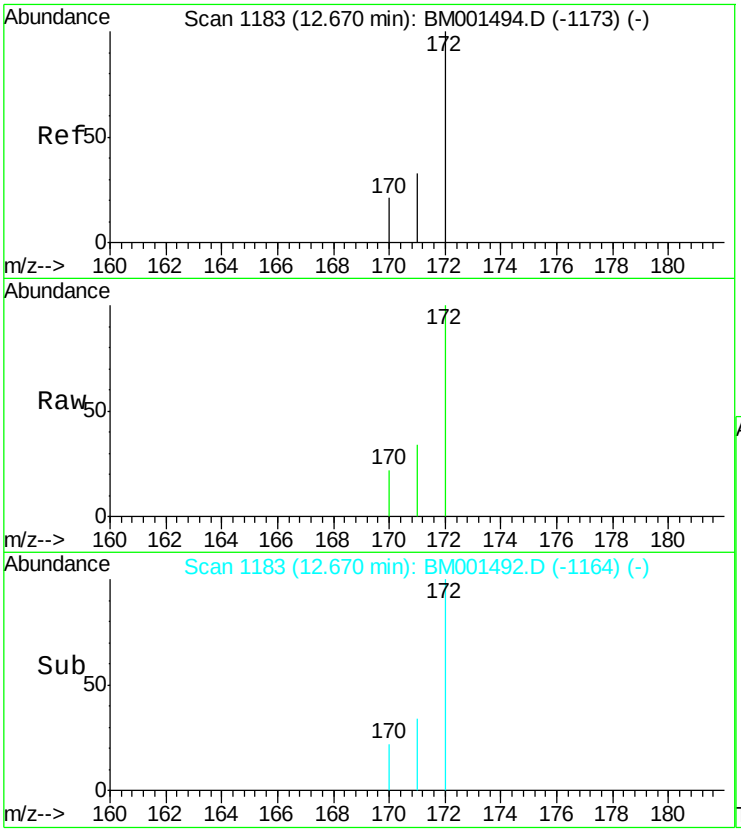


#10
2,4,6-Tribromophenol
Concen: 6.32 ng
RT: 15.57 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:330 Resp: 5255

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	43.4	34.3	51.5



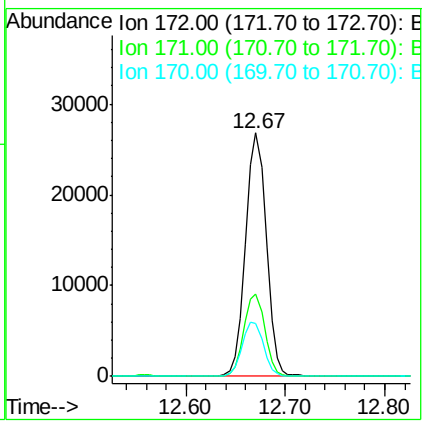


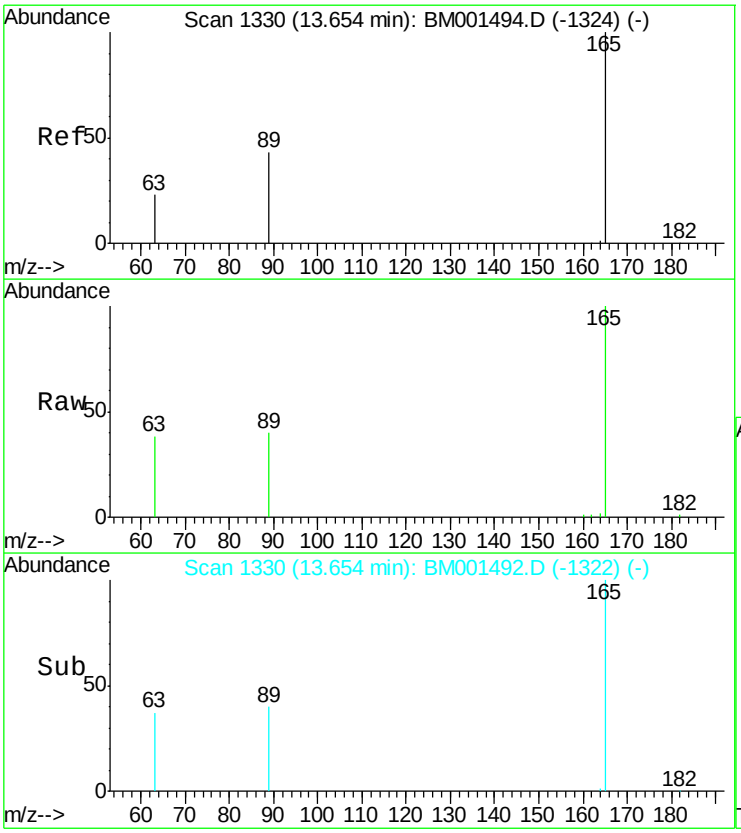
#11
2-Fluorobiphenyl
Concen: 5.11 ng
RT: 12.67 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 38615

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.2	40.8
170	21.8	17.8	26.6

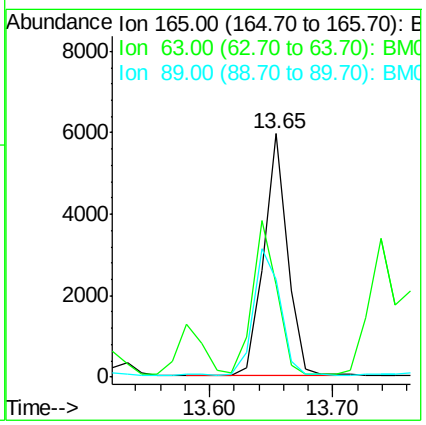


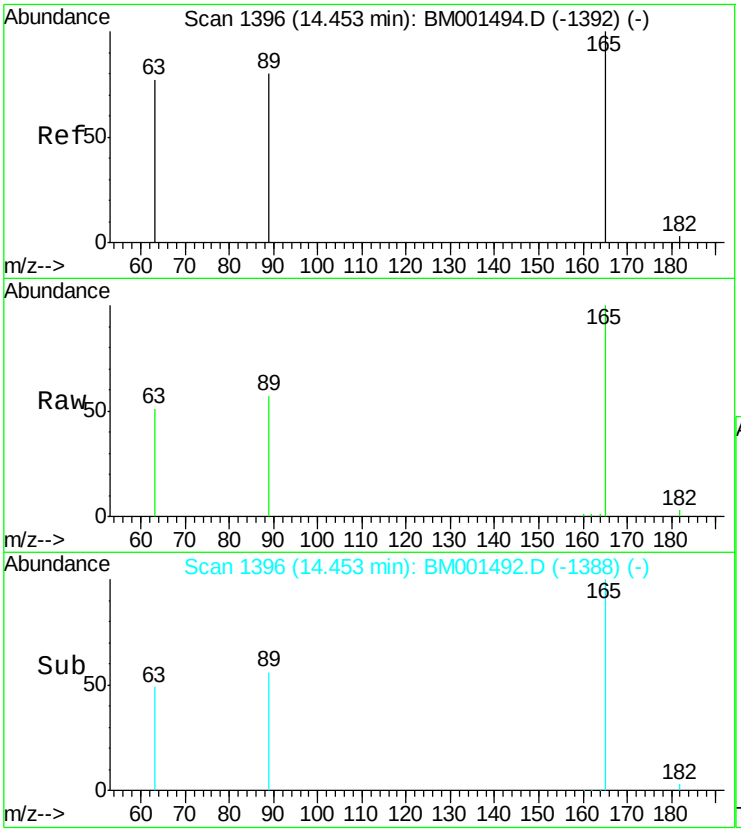


#12
2,6-Dinitrotoluene
Concen: 6.90 ng
RT: 13.65 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:165 Resp: 7905

Ion	Ratio	Lower	Upper
165	100		
63	37.9	35.3	52.9
89	40.3	37.4	56.2



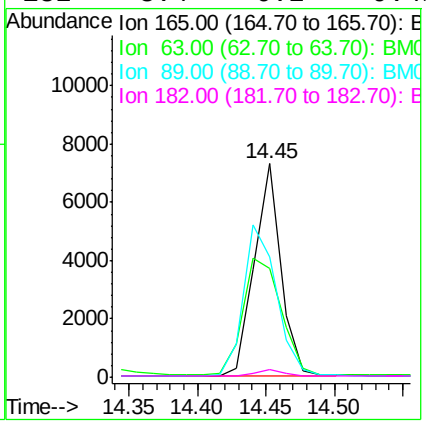


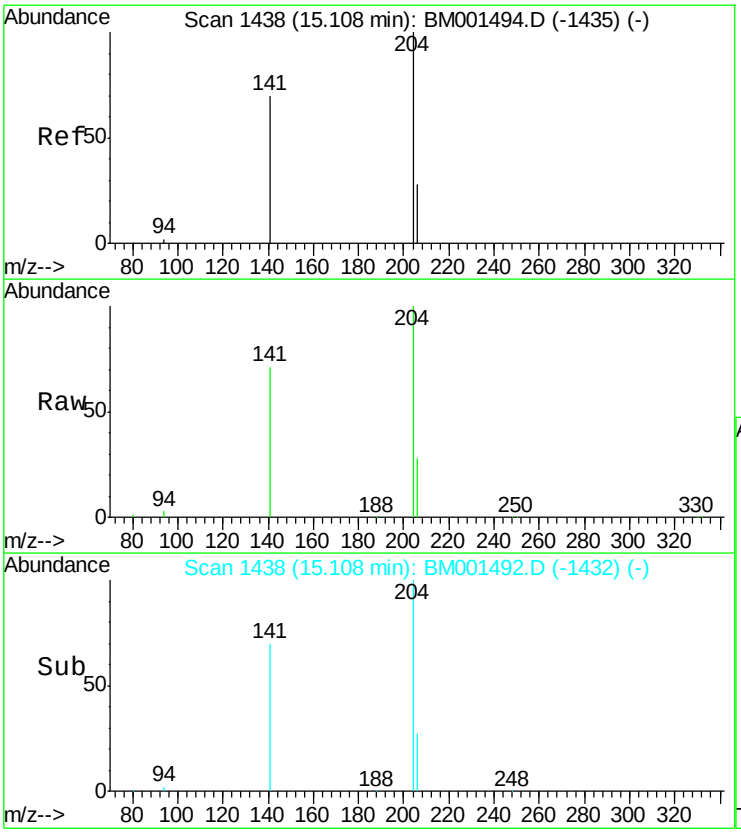
#13
2,4-Dinitrotoluene
Concen: 7.38 ng
RT: 14.45 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 9764

Ion	Ratio	Lower	Upper
165	100		
63	51.0	63.9	95.9#
89	56.6	65.0	97.6#
182	3.4	6.2	9.4#

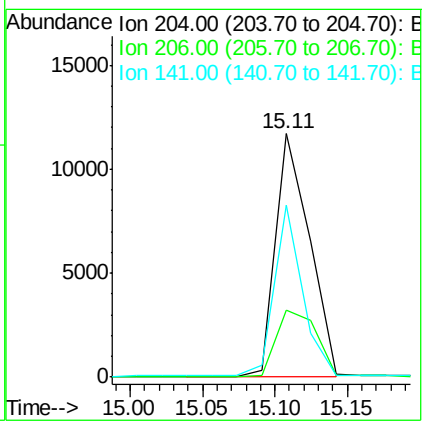


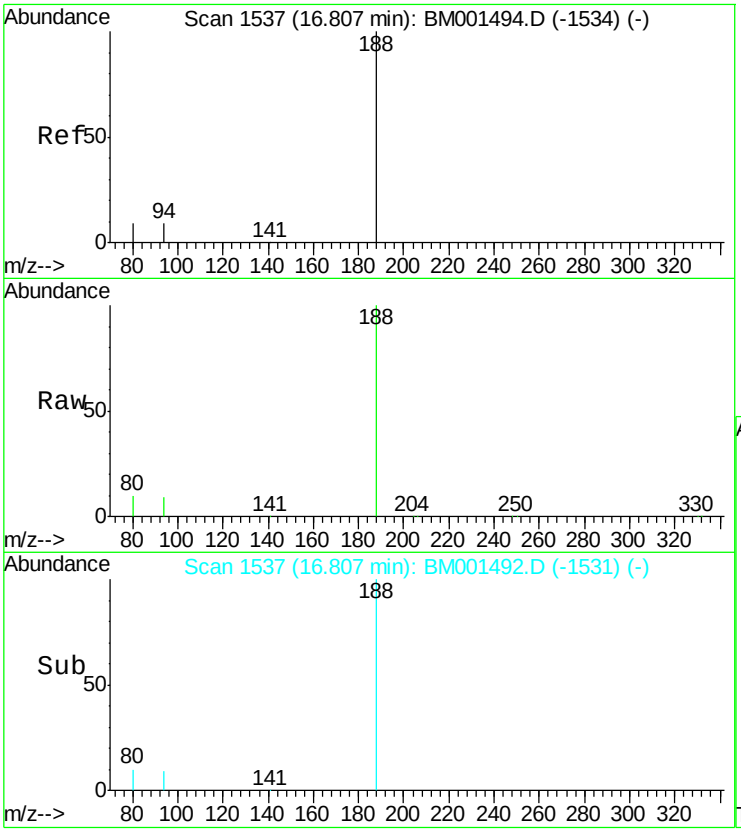


#14
4-Chlorophenyl-phenylether
Concen: 4.74 ng
RT: 15.11 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:204 Resp: 19119

Ion	Ratio	Lower	Upper
204	100		
206	27.8	23.8	35.6
141	70.6	56.6	85.0



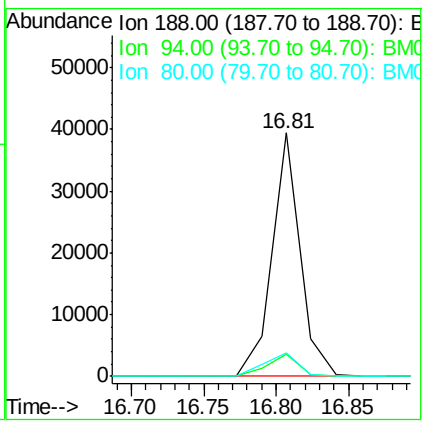


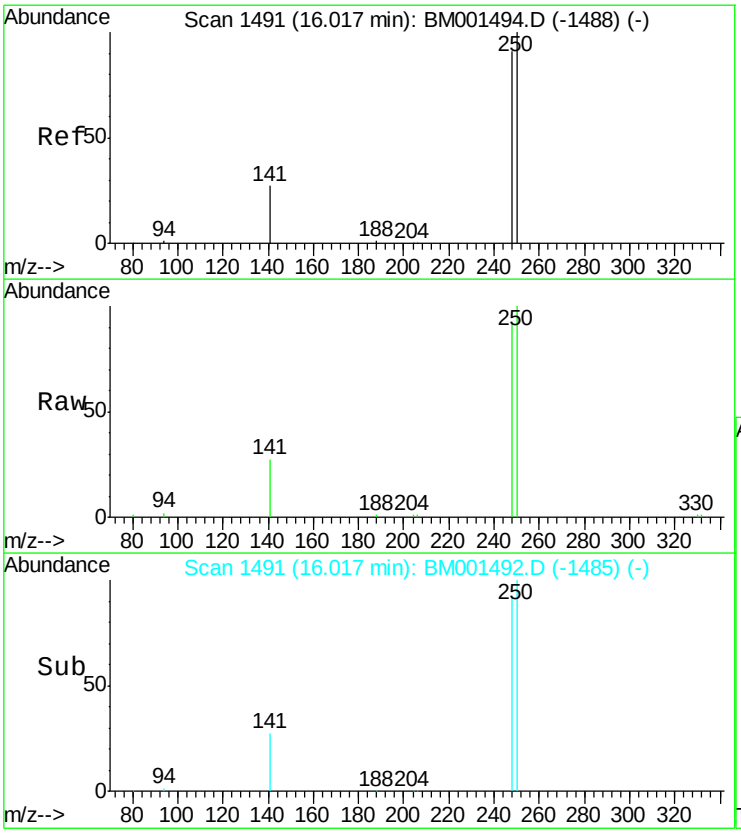
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.81 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 53615

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	9.9	7.3	10.9

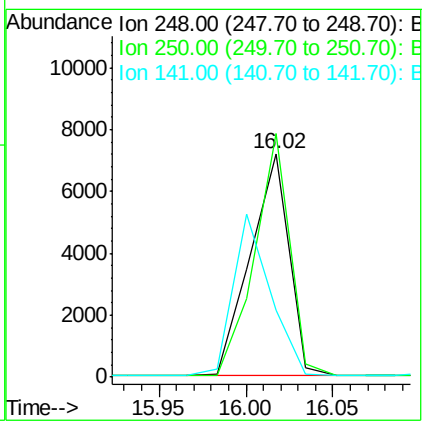


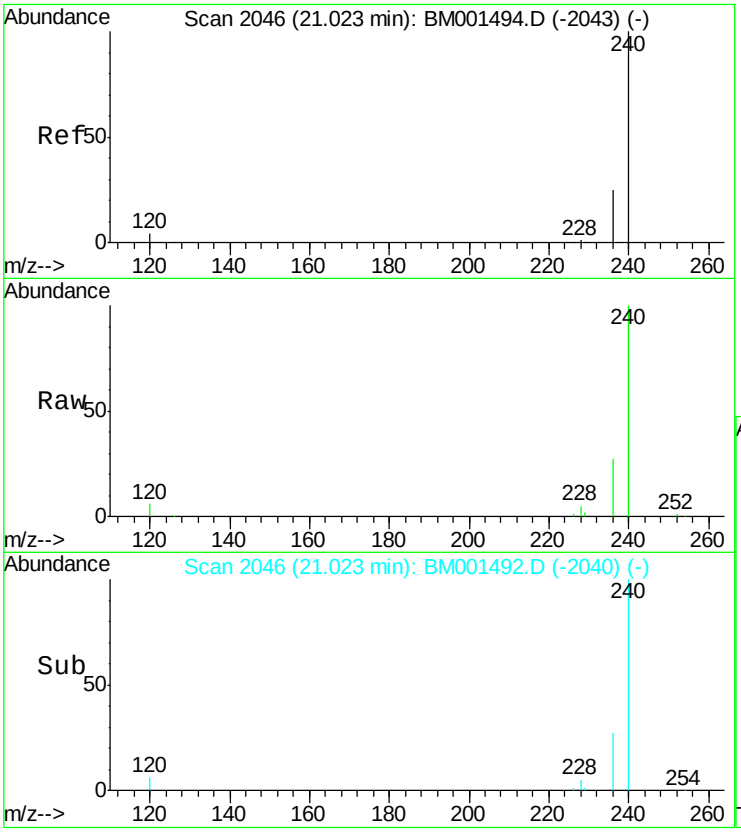


#16
4-Bromophenyl-phenylether
Concen: 5.35 ng
RT: 16.02 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:248 Resp: 11246

Ion	Ratio	Lower	Upper
248	100		
250	109.0	87.3	130.9
141	29.8	25.8	38.8



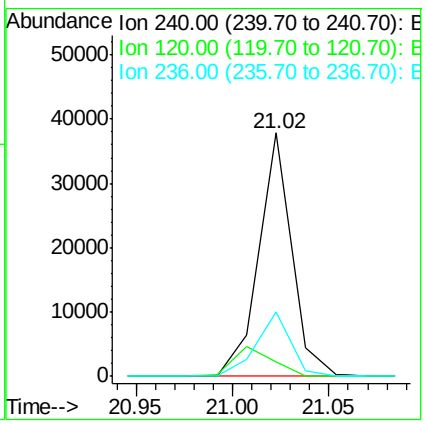


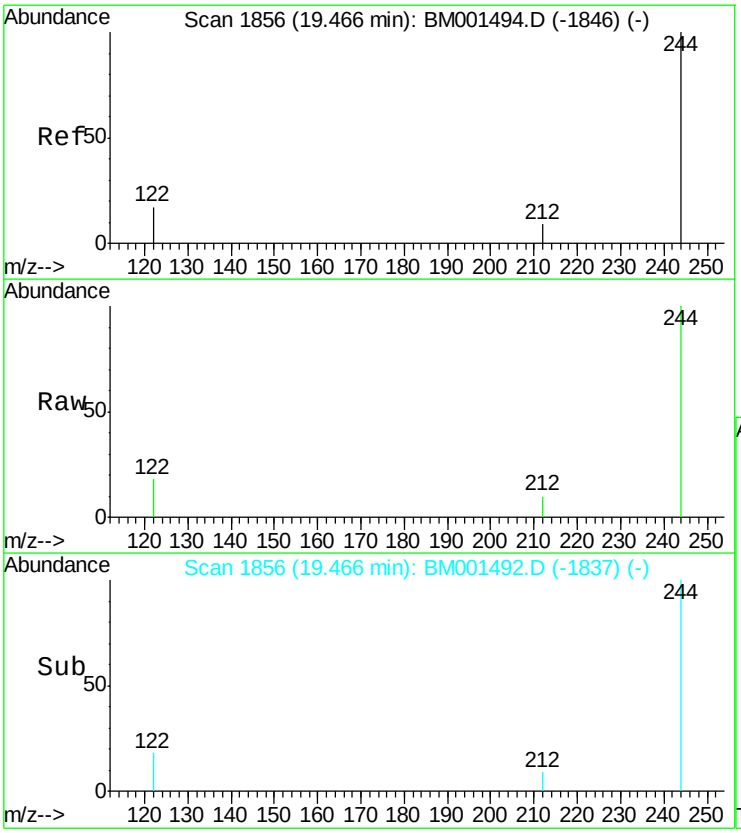
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.02 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 45268

Ion	Ratio	Lower	Upper
240	100		
120	5.8	3.7	5.5#
236	26.7	19.8	29.8

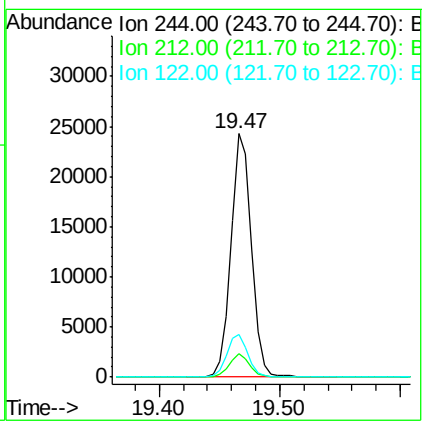


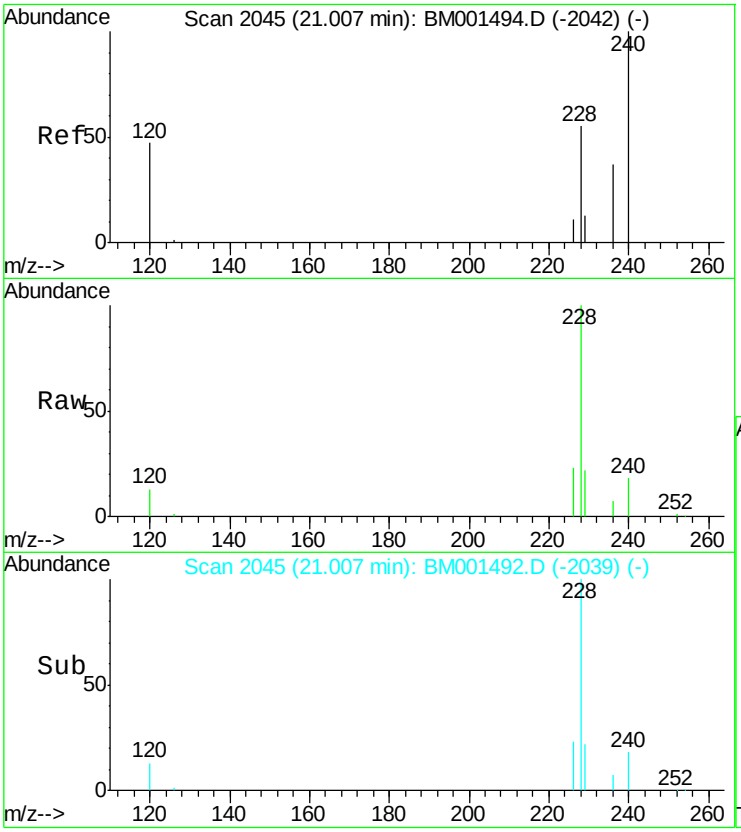


#18
Terphenyl-d14
Concen: 5.07 ng
RT: 19.47 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:244 Resp: 28701

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.0	12.0
122	17.7	14.1	21.1



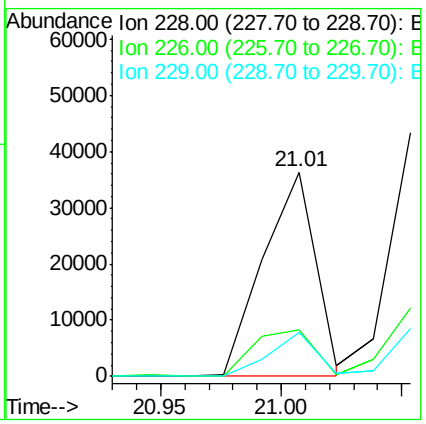


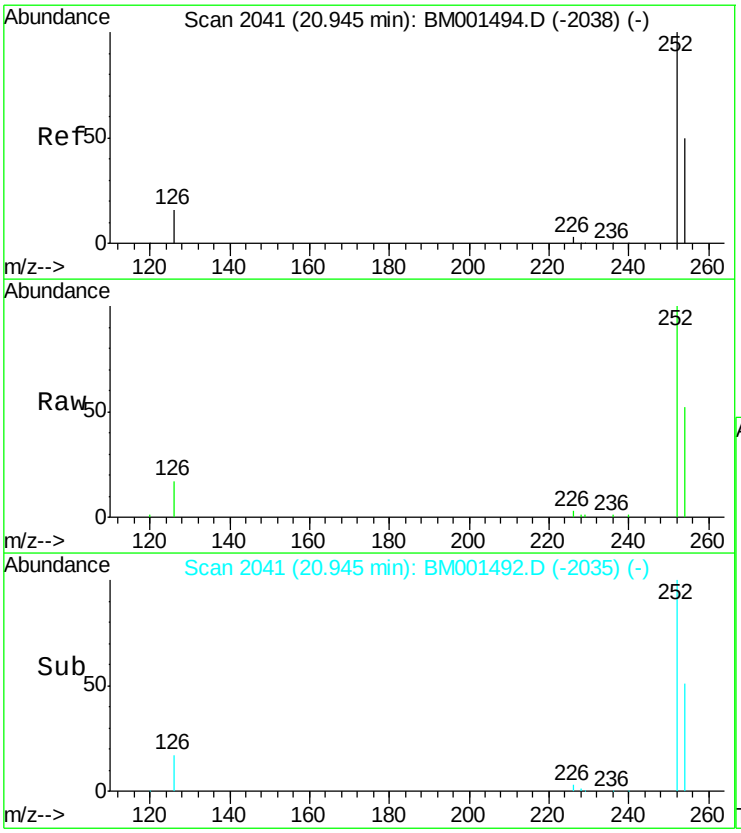
#19
Benzo(a)anthracene
Concen: 19.19 ng
RT: 21.01 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 54616

Ion	Ratio	Lower	Upper
228	100		
226	22.8	17.5	26.3
229	21.6	19.0	28.4

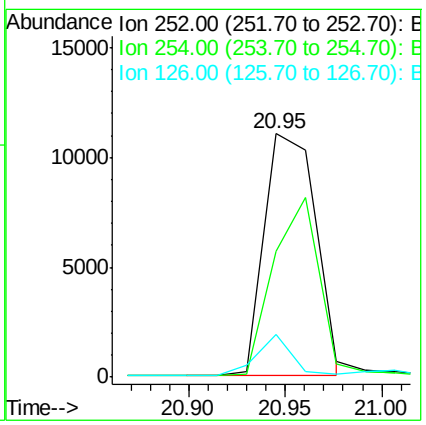


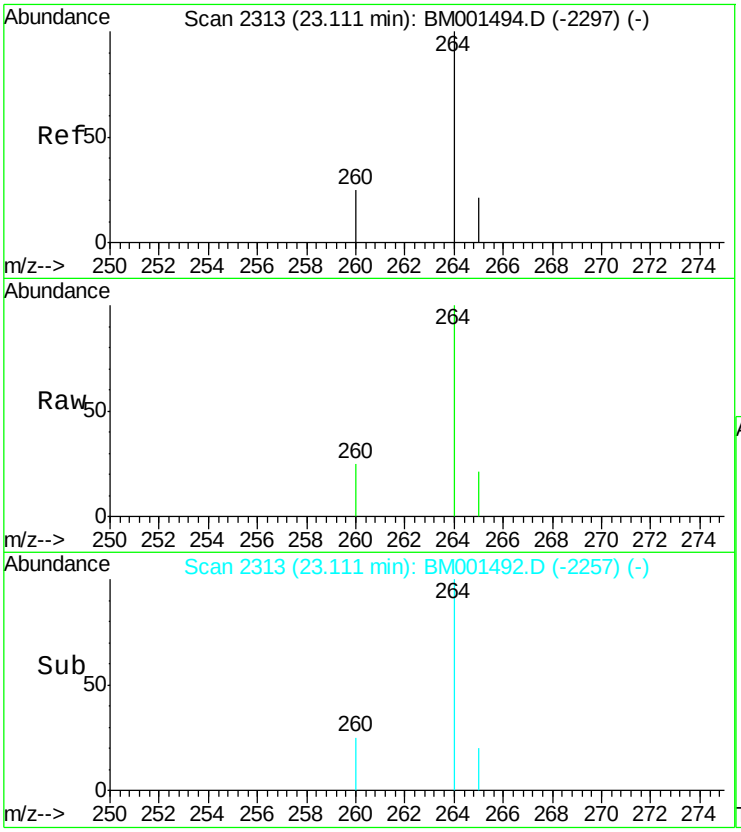


#20
3,3'-Dichlorobenzidine
Concen: 6.83 ng
RT: 20.95 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:252 Resp: 20535

Ion	Ratio	Lower	Upper
252	100		
254	51.5	41.2	61.8
126	17.5	14.7	22.1





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 39560

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	21.4	18.0	27.0