Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052815\
Data File : BM001430.D
Acq On : 28 May 2015 14:58
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Quant Time: May 28 15:31:49 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	10690	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	32648	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	20534	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	46032	5.00	ng	0.00
17) Chrysene-d12	21.03	240	43196	5.00	ng	0.00
21) Perylene-d12	23.12	264	37982	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.99	112	156	0.09	ng	0.00
3) Phenol-d6	6.59	99	158	0.09	ng	0.00
7) Nitrobenzene-d5	8.53	82	149	0.08	ng	0.00
10) 2,4,6-Tribromophenol	15.57	330	43	0.07	ng	0.00
11) 2-Fluorobiphenyl	12.69	172	530	0.09	ng	0.00
18) Terphenyl-d14	19.48	244	523	0.10	ng	0.00
Target Compounds						Qvalue
4) bis(2-Chloroethyl)ether	6.82	93	182	0.09	ng	# 56
5) n-Nitroso-di-n-propylamine	8.20	70	95	0.09	ng	# 57
8) bis(2-Chloroethoxy)methane	9.61	93	94	0.05	ng	# 20
12) 2,6-Dinitrotoluene	13.67	165	65	0.08	ng	# 16
13) 2,4-Dinitrotoluene	14.48	165	49	0.05	ng	# 79
14) 4-Chlorophenyl-phenylether	15.12	204	289	0.09	ng	# 78
16) 4-Bromophenyl-phenylether	16.02	248	166	0.09	ng	# 82
19) Benzo(a)anthracene	21.01	228	1084	0.41	ng	# 90
20) 3,3'-Dichlorobenzidine	20.97	252	178	0.07	ng	# 90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052815\
Data File : BM001430.D
Acq On : 28 May 2015 14:58
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Quant Time: May 28 15:31:49 2015
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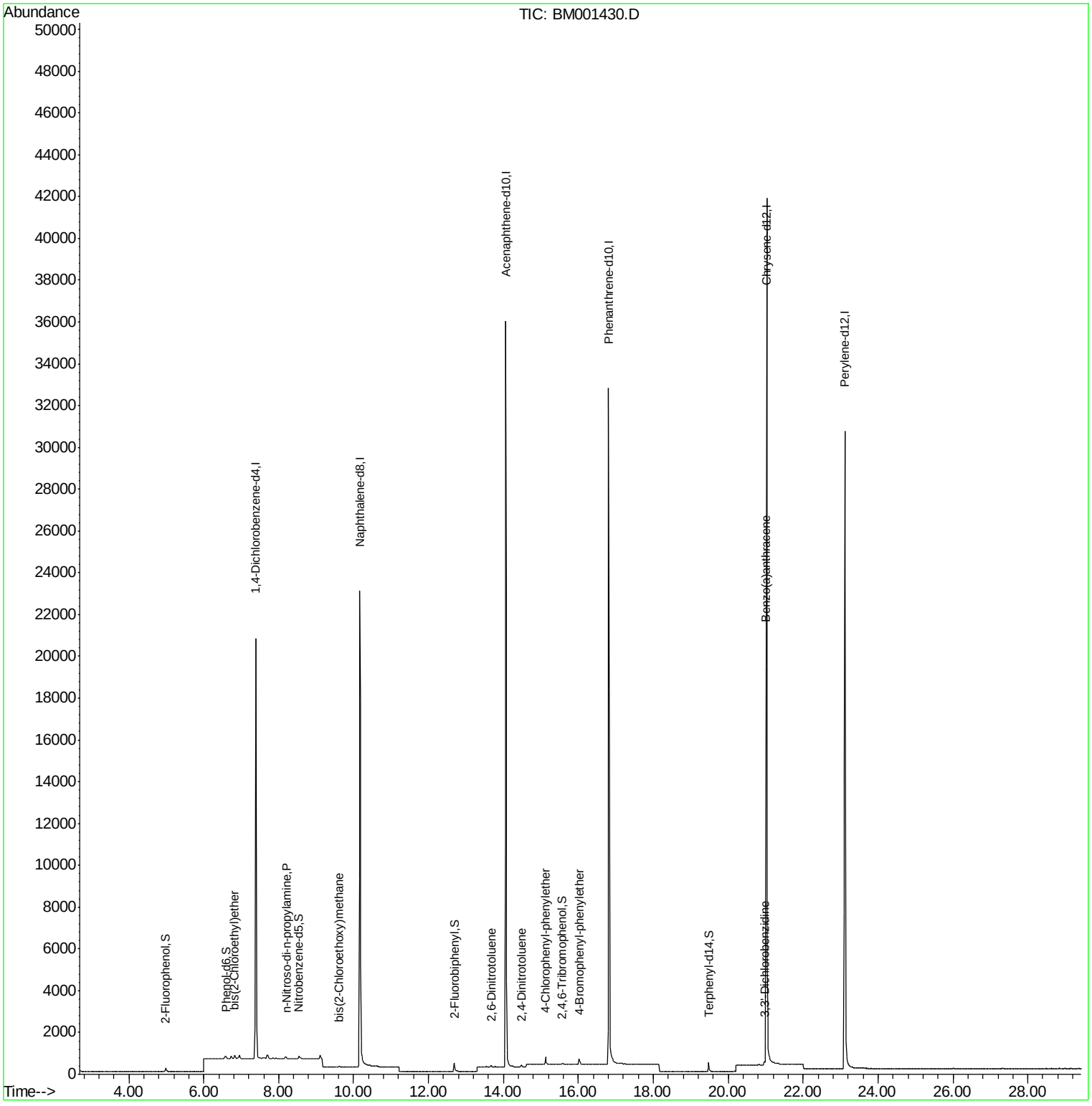
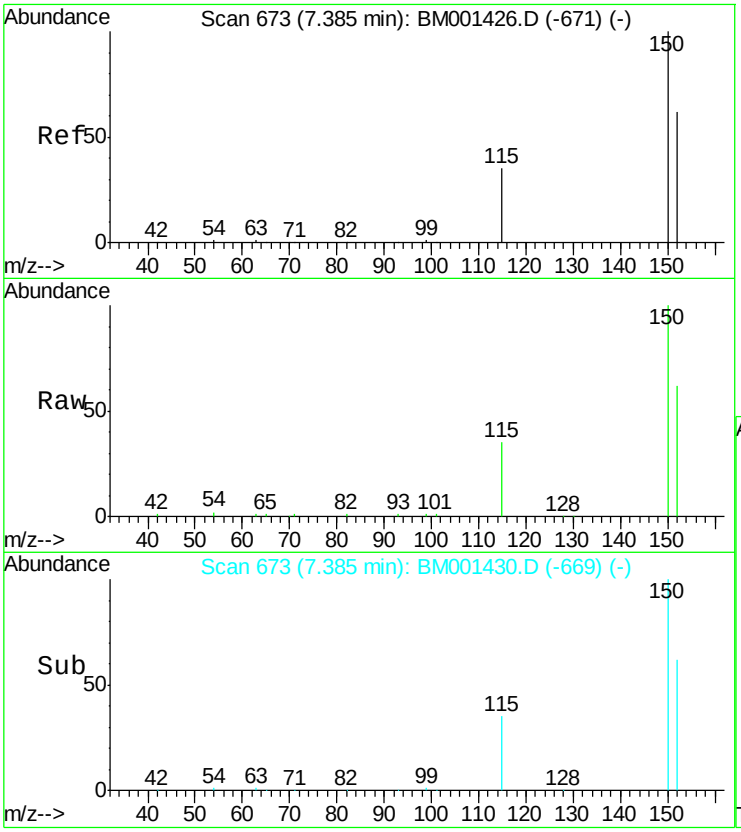


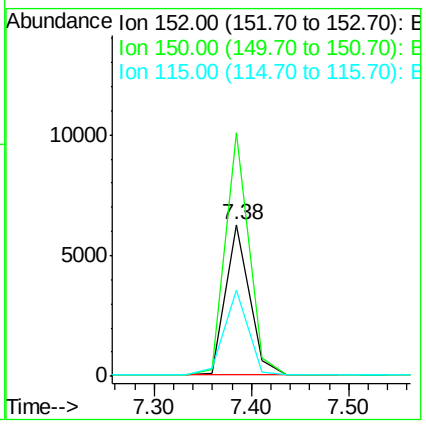


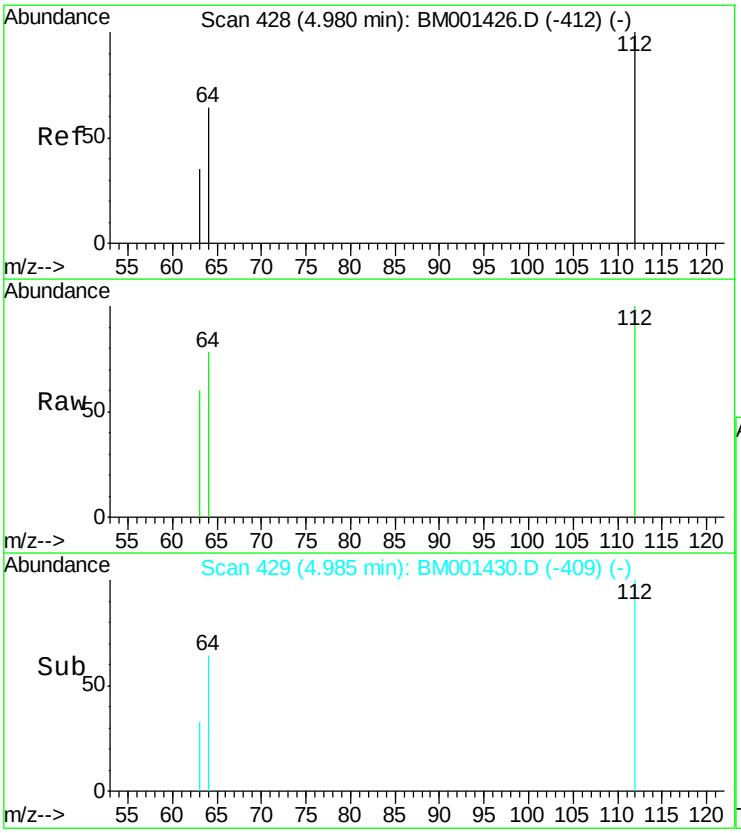
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 10690

Ion	Ratio	Lower	Upper
152	100		
150	160.8	128.4	192.6
115	56.8	45.6	68.4

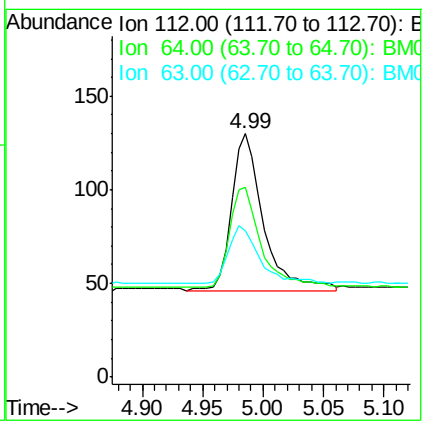


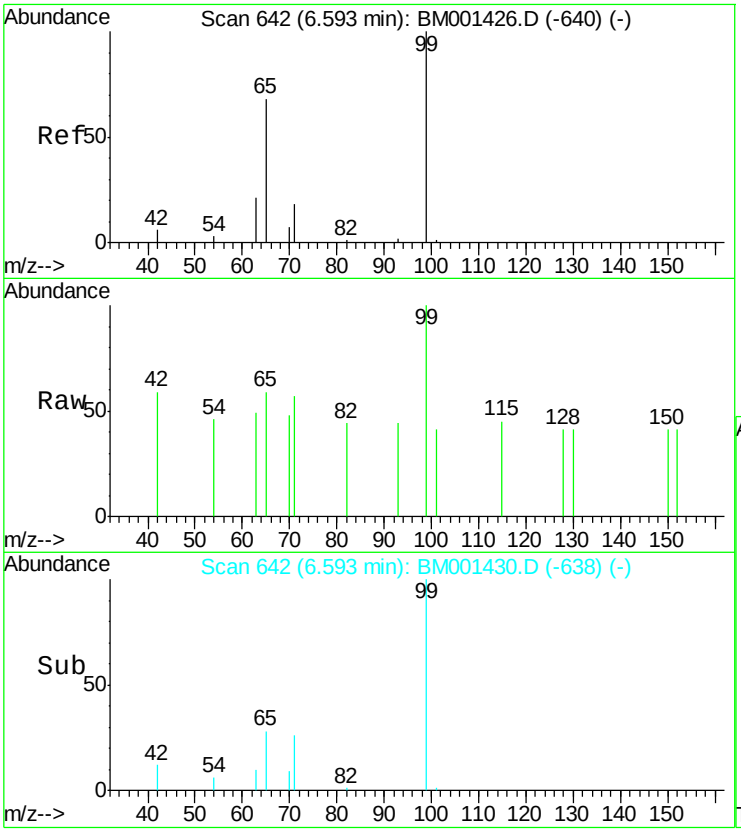


#2
2-Fluorophenol
Concen: 0.09 ng
RT: 4.99 min Scan# 429
Delta R.T. 0.01 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:112 Resp: 156

Ion	Ratio	Lower	Upper
112	100		
64	77.7	52.1	78.1
63	60.0	30.2	45.2#



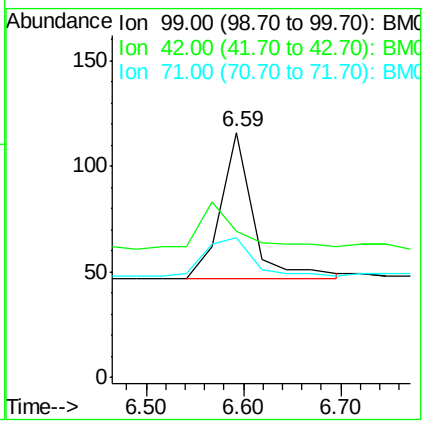


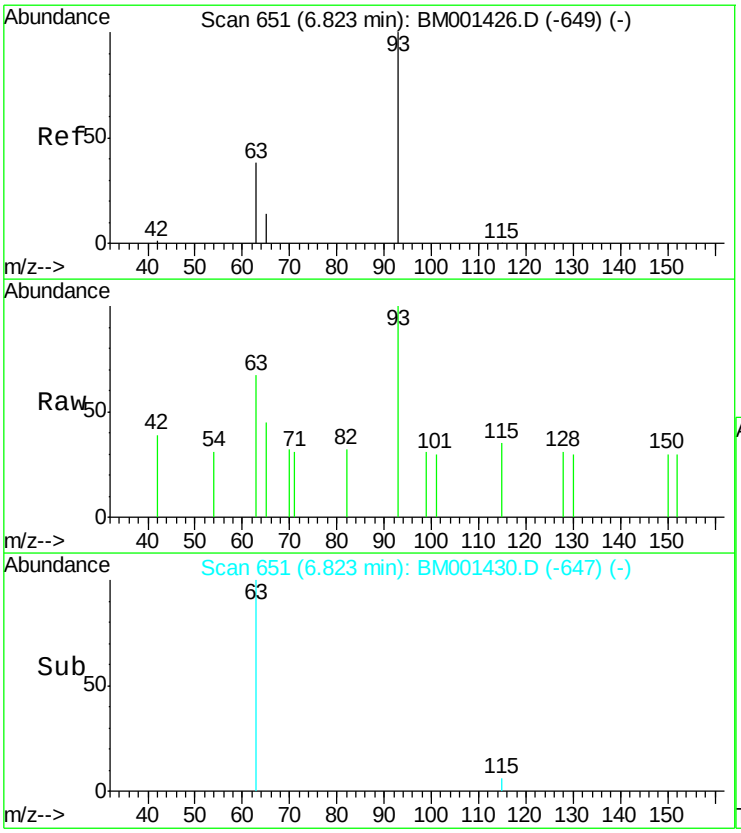
#3
Phenol-d6
Concen: 0.09 ng
RT: 6.59 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 158

Ion	Ratio	Lower	Upper
99	100		
42	59.5	13.7	20.5#
71	56.9	19.8	29.6#

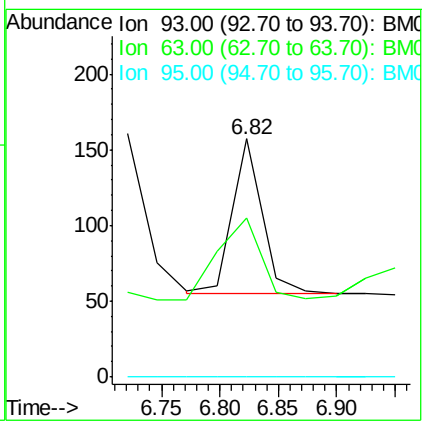


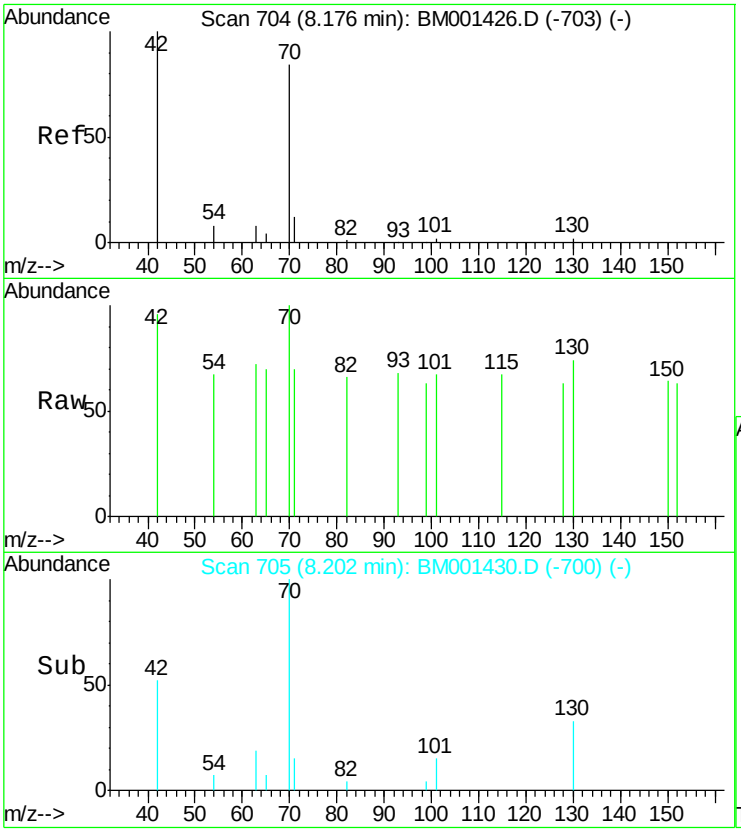


#4
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 6.82 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion: 93 Resp: 182

Ion	Ratio	Lower	Upper
93	100		
63	66.9	20.0	60.0#
95	0.0	0.0	20.0



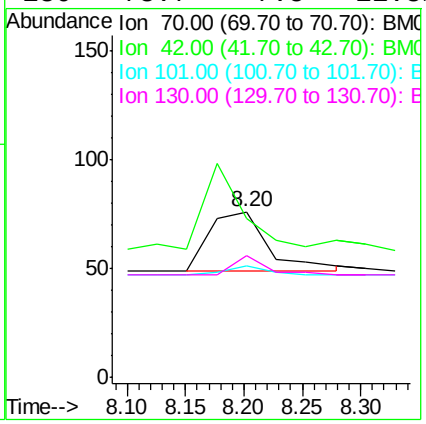


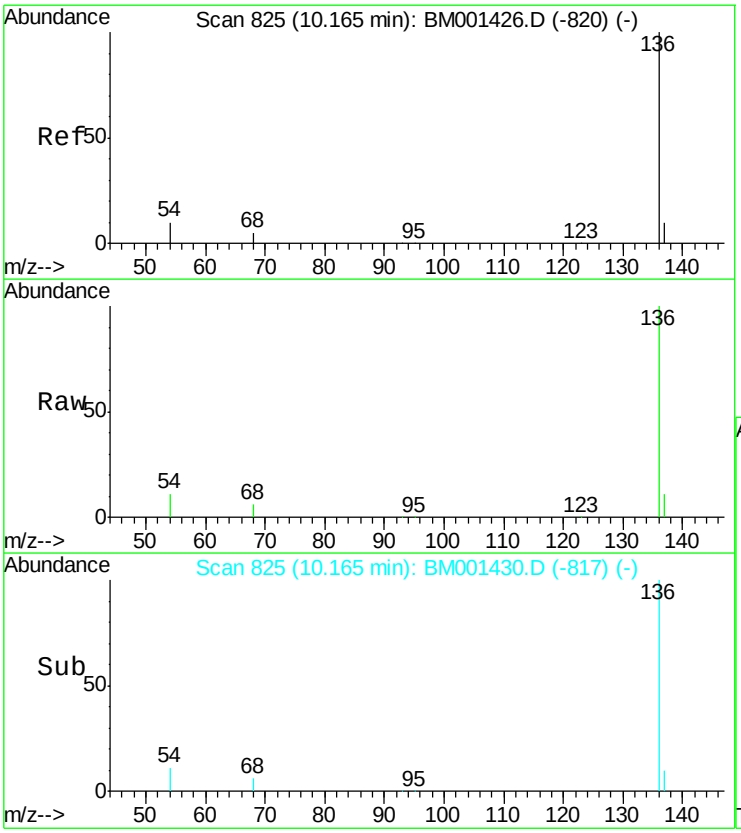
#5
n-Nitroso-di-n-propylamine
Concen: 0.09 ng
RT: 8.20 min Scan# 705
Delta R.T. 0.03 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 70 Resp: 95

Ion	Ratio	Lower	Upper
70	100		
42	96.1	97.8	146.6#
101	67.1	8.2	12.2#
130	73.7	7.5	11.3#

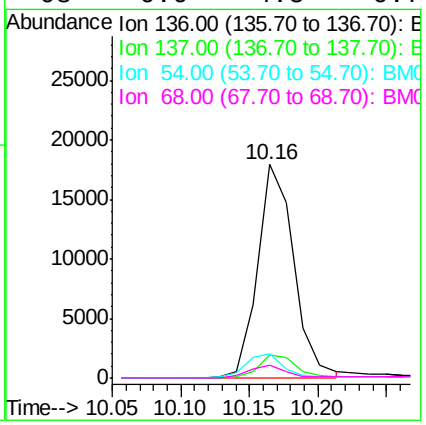


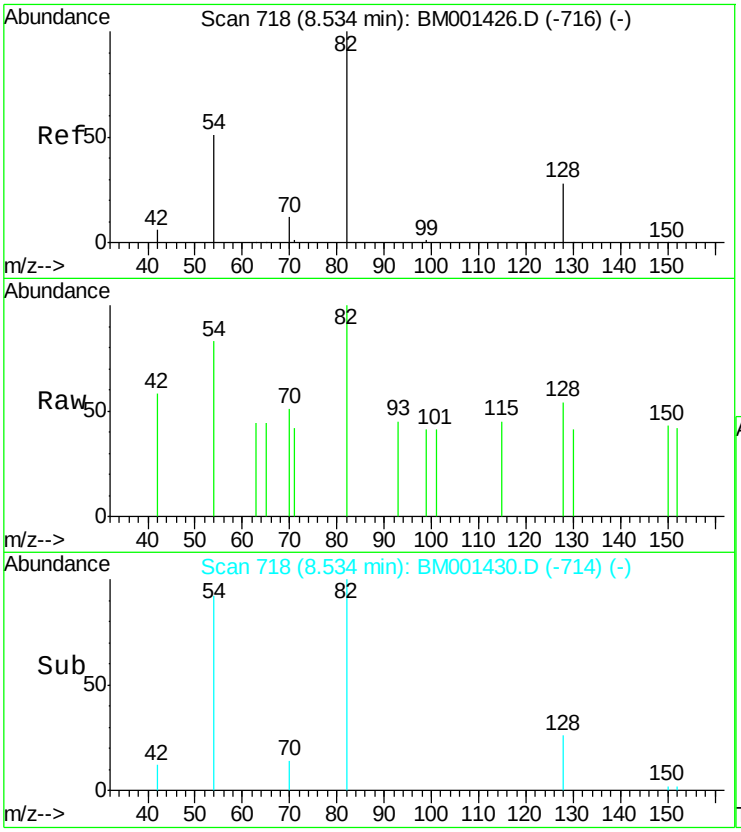


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.16 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:136 Resp: 32648

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	11.3	8.2	12.4
68	6.0	4.5	6.7



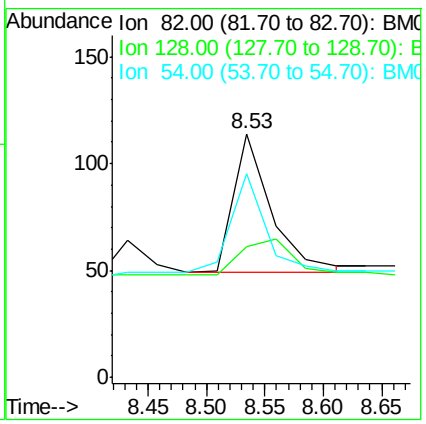


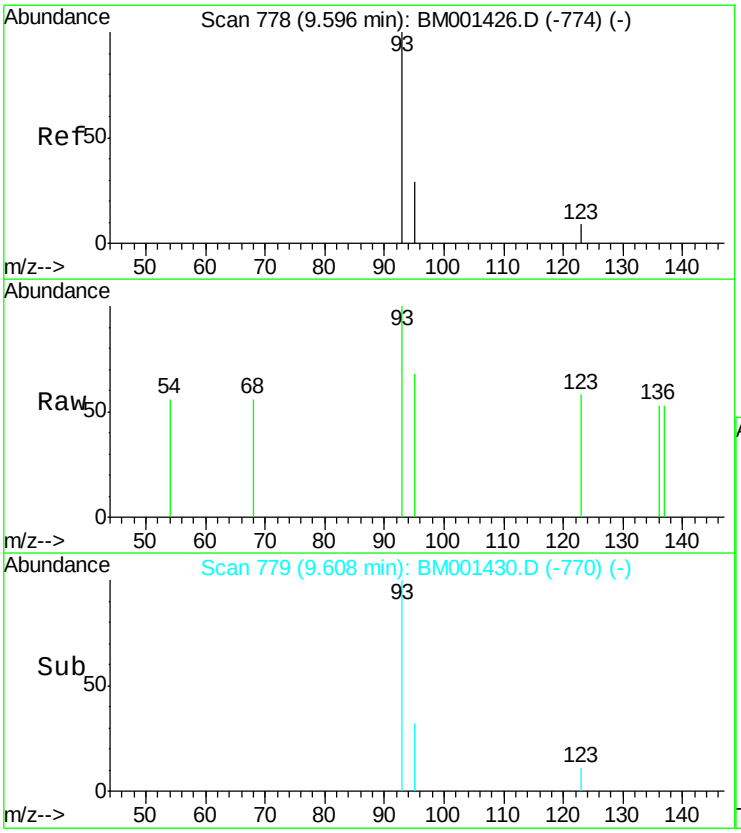
#7
Nitrobenzene-d5
Concen: 0.08 ng
RT: 8.53 min Scan# 718
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 149

Ion	Ratio	Lower	Upper
82	100		
128	53.5	24.4	36.6#
54	83.3	42.3	63.5#

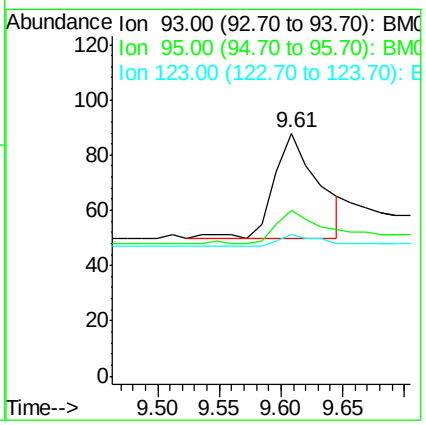


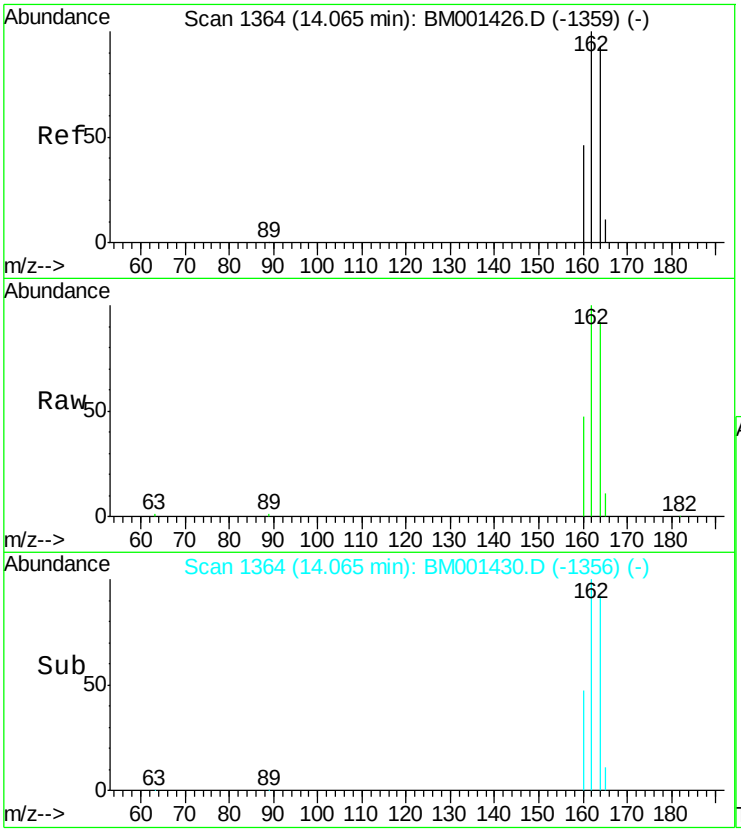


#8
bis(2-Chloroethoxy)methane
Concen: 0.05 ng
RT: 9.61 min Scan# 779
Delta R.T. 0.01 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion: 93 Resp: 94

Ion	Ratio	Lower	Upper
93	100		
95	68.2	25.3	37.9#
123	58.0	10.2	15.2#



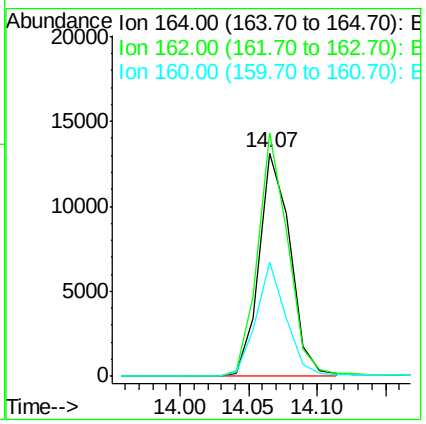


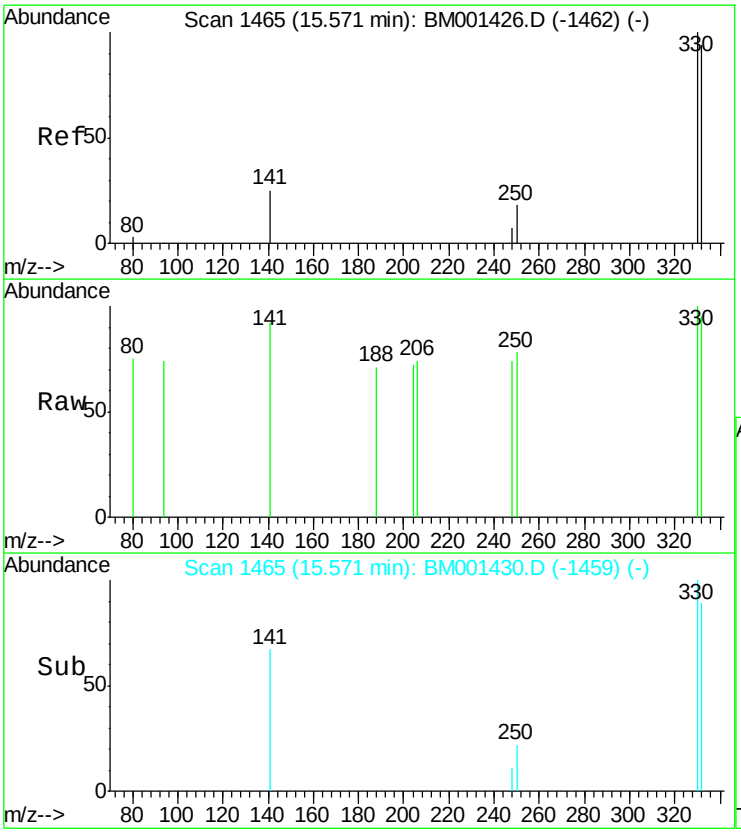
#9
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.07 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 20534

Ion	Ratio	Lower	Upper
164	100		
162	108.8	86.2	129.2
160	51.0	39.4	59.2

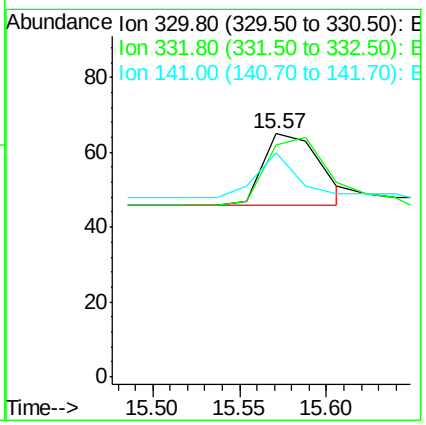


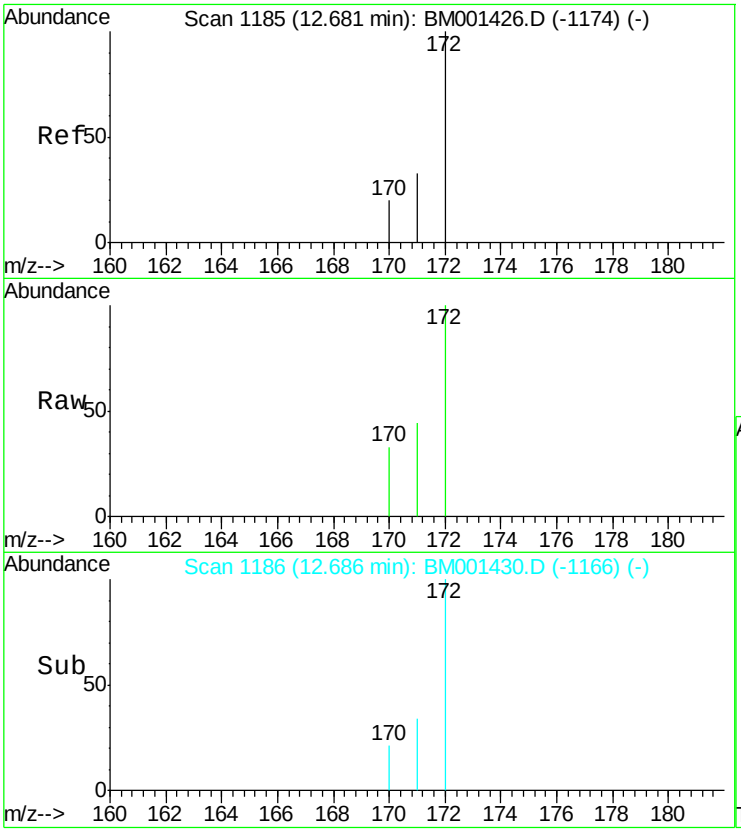


#10
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.57 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:330 Resp: 43

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.3	114.5
141	46.5	35.0	52.4



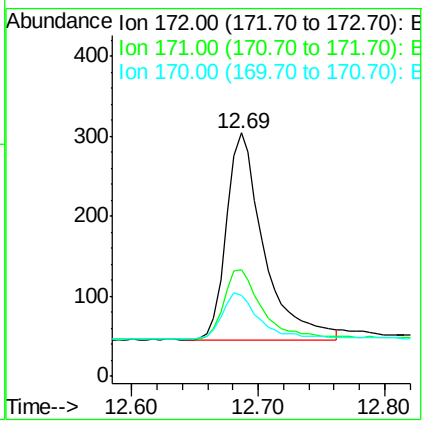


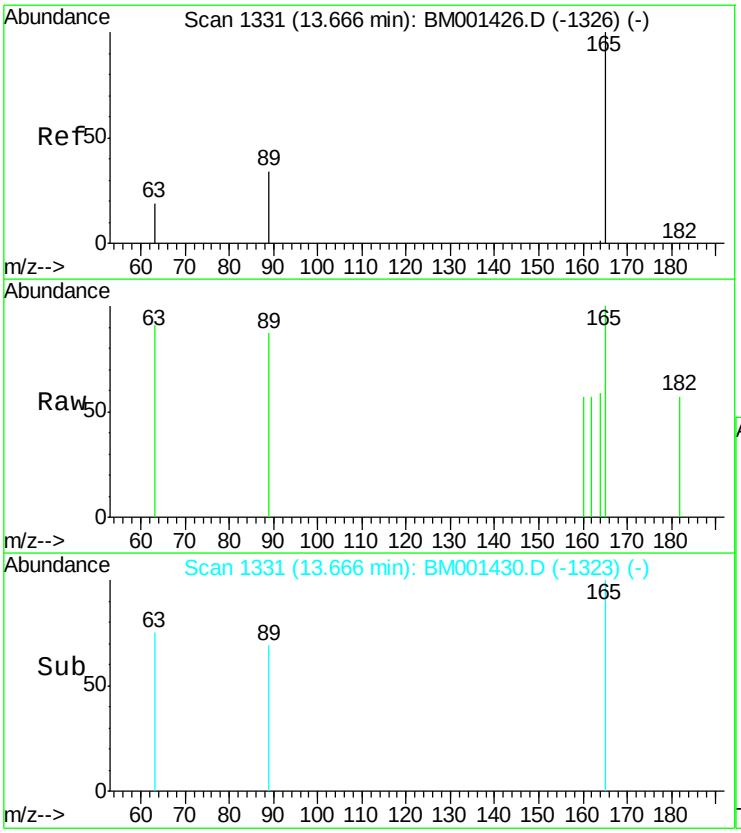
#11
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 12.69 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 530

Ion	Ratio	Lower	Upper
172	100		
171	44.1	26.9	40.3#
170	33.2	17.1	25.7#

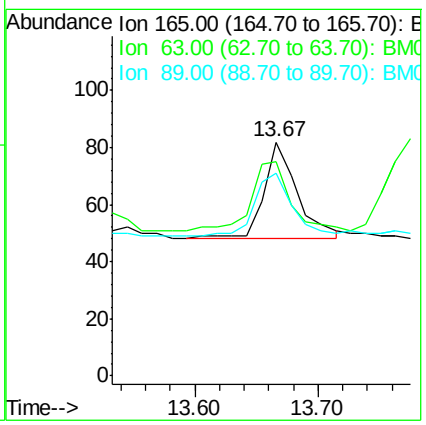


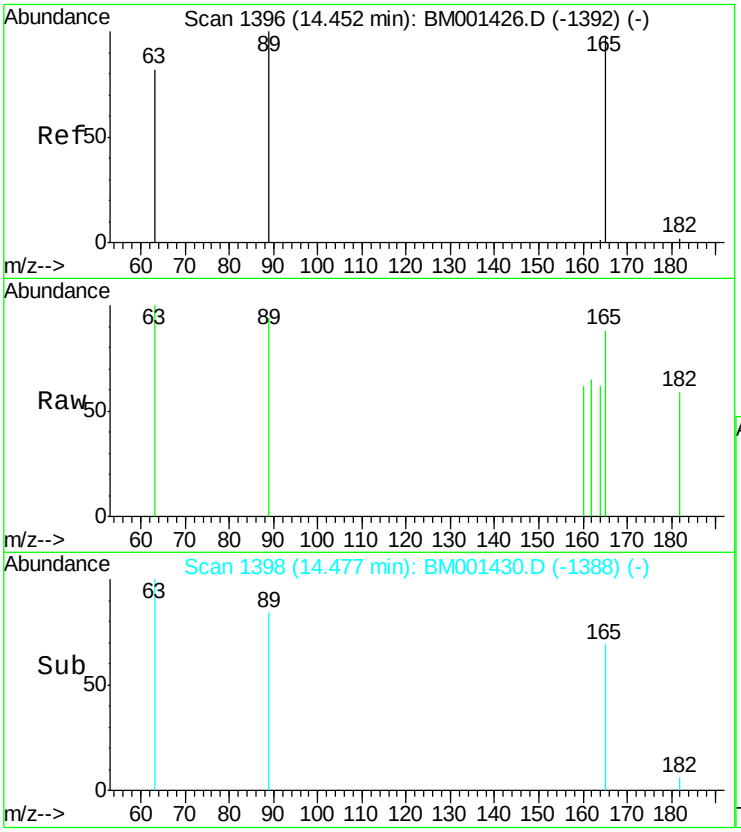


#12
2,6-Dinitrotoluene
Concen: 0.08 ng
RT: 13.67 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:165 Resp: 65

Ion	Ratio	Lower	Upper
165	100		
63	91.5	29.1	43.7#
89	86.6	32.1	48.1#



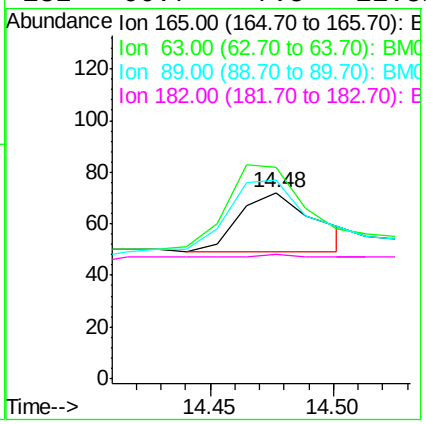


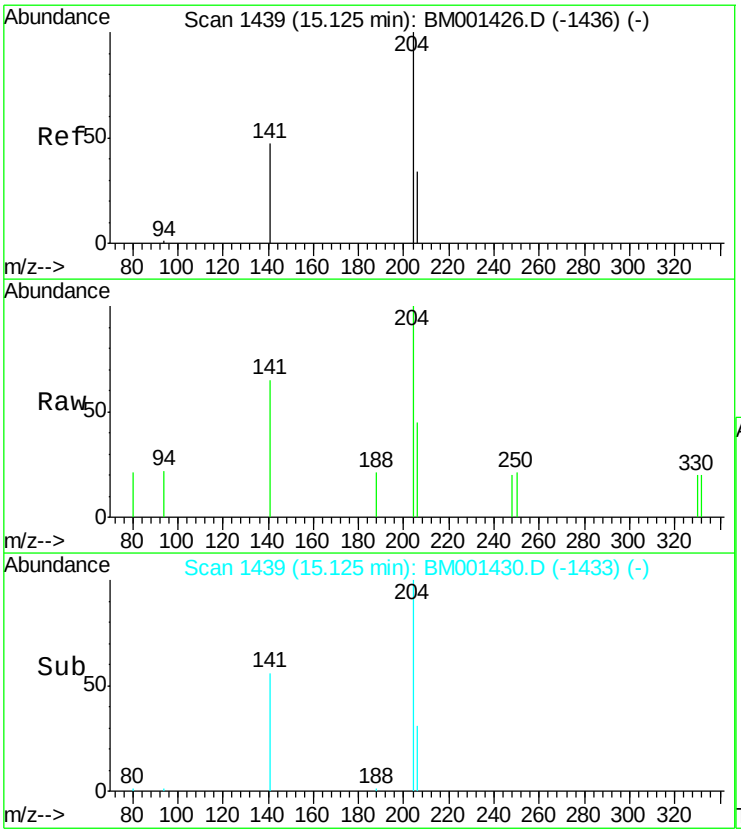
#13
2,4-Dinitrotoluene
Concen: 0.05 ng
RT: 14.48 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:165 Resp: 49

Ion	Ratio	Lower	Upper
165	100		
63	113.9	70.6	105.8#
89	106.9	82.4	123.6
182	66.7	7.5	11.3#

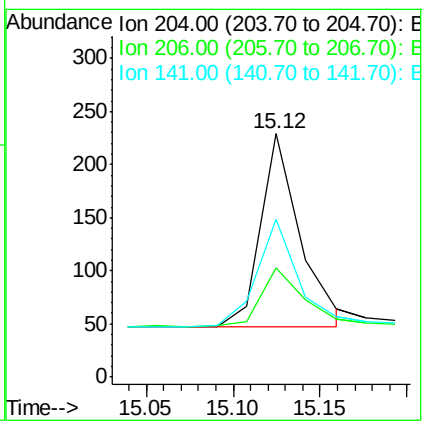


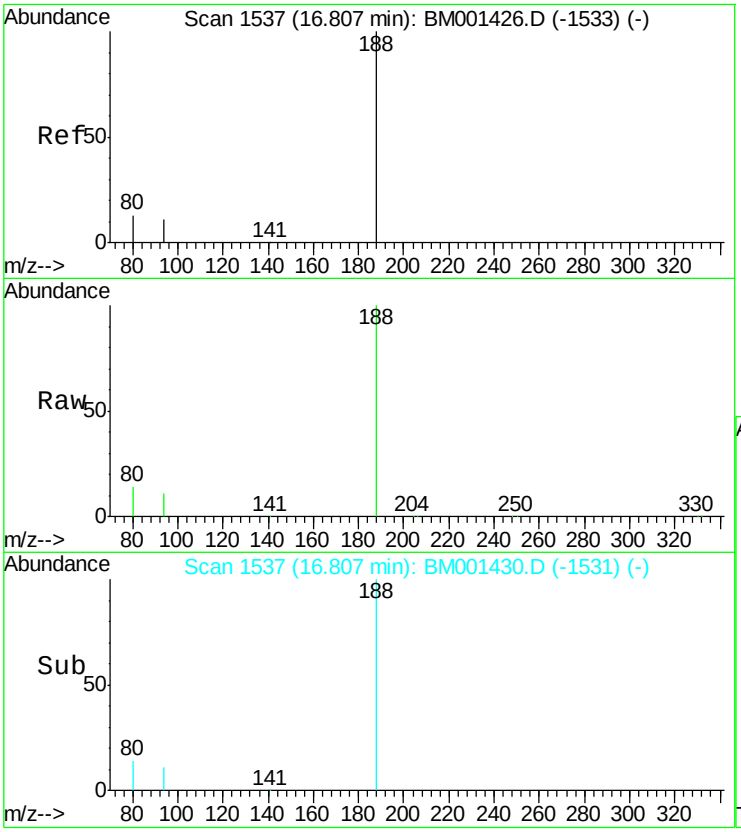


#14
4-Chlorophenyl-phenylether
Concen: 0.09 ng
RT: 15.12 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:204 Resp: 289

Ion	Ratio	Lower	Upper
204	100		
206	45.0	27.8	41.8#
141	65.1	38.2	57.4#



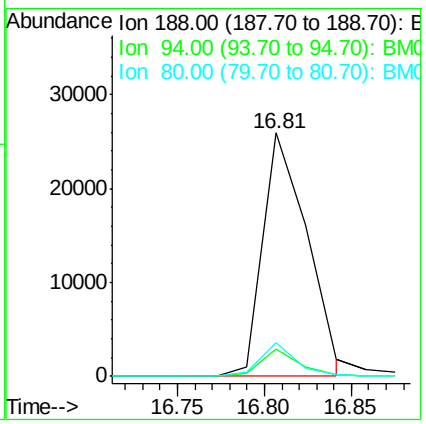


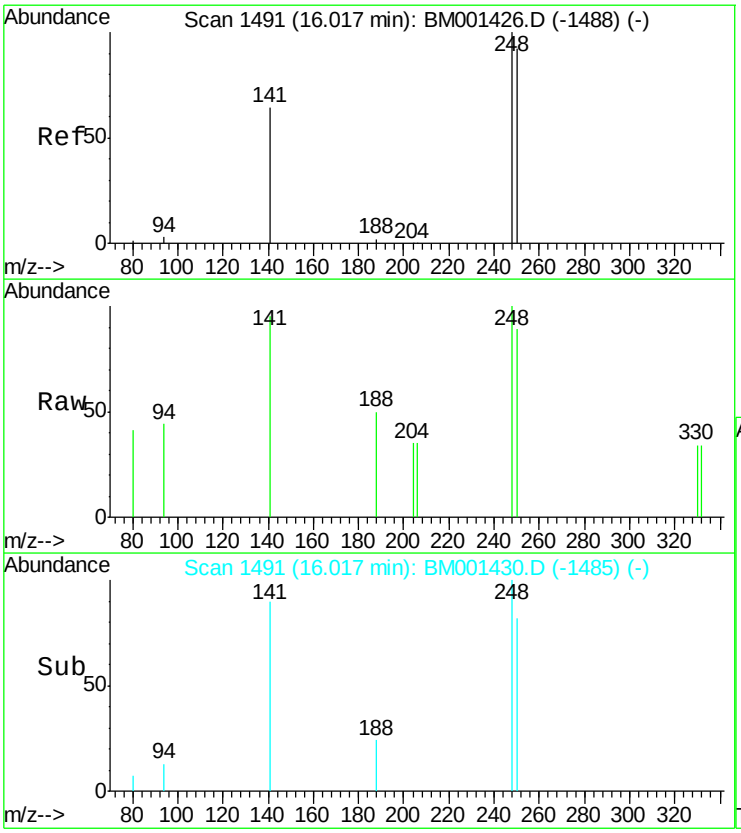
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.81 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 46032

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.4
80	13.8	10.6	15.8

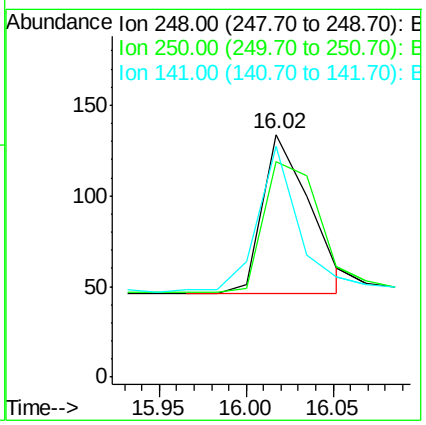


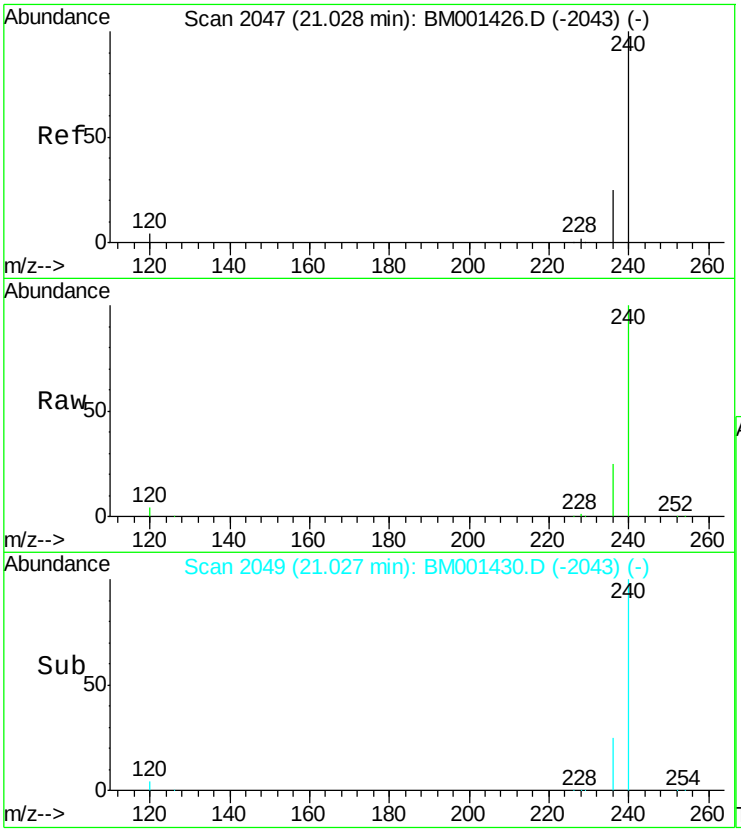


#16
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.02 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:248 Resp: 166

Ion	Ratio	Lower	Upper
248	100		
250	88.8	74.1	111.1
141	94.8	52.4	78.6#



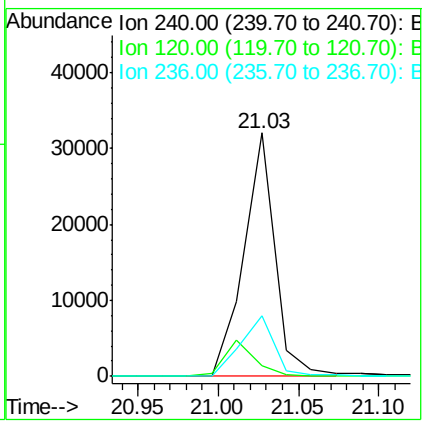


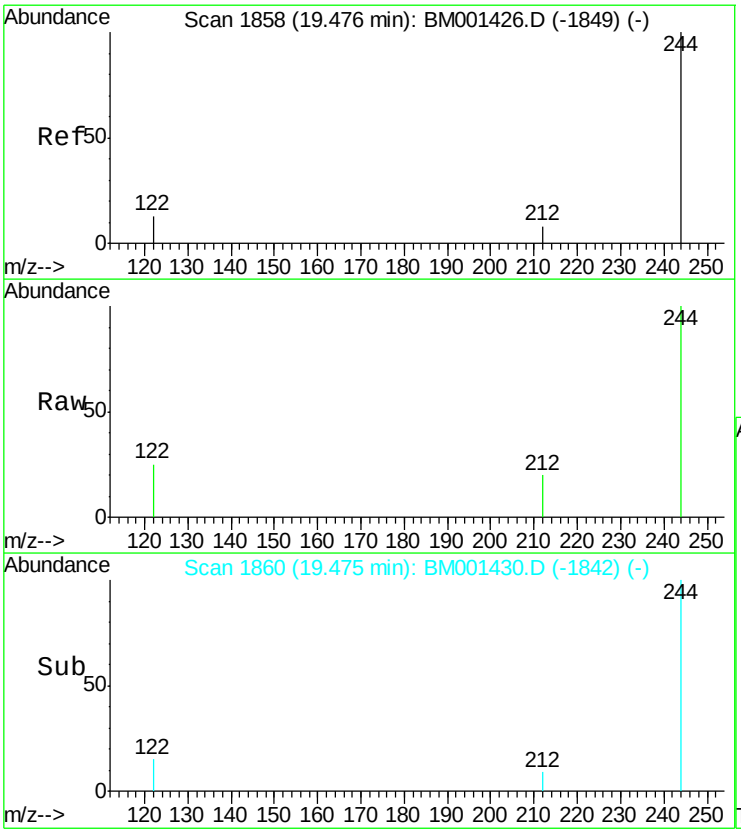
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 43196

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.2	4.8
236	24.7	19.8	29.6

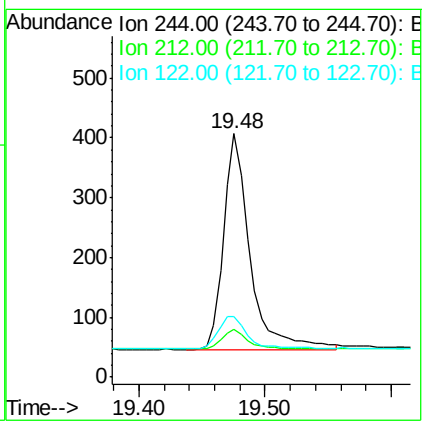


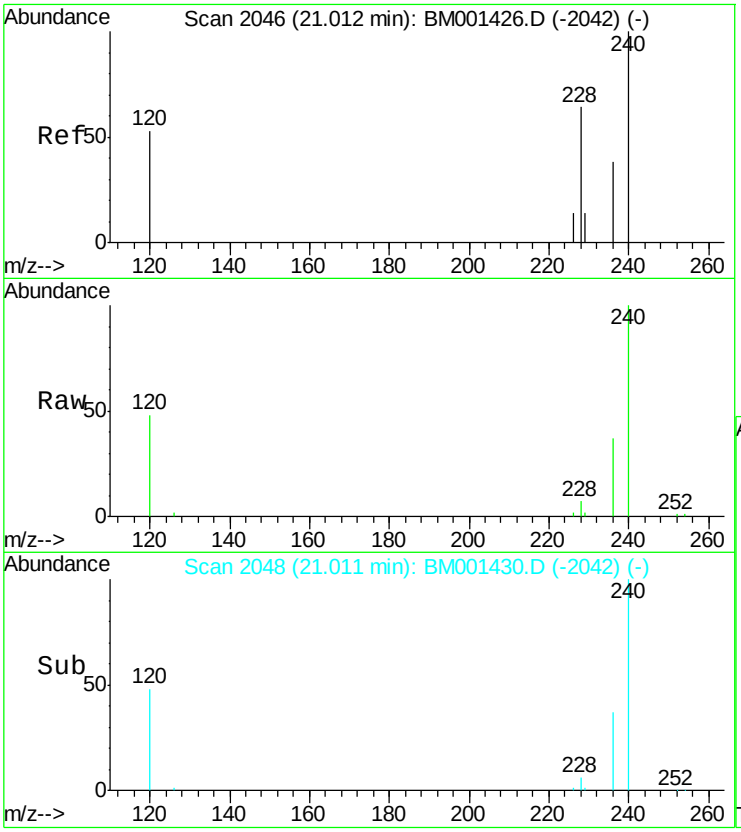


#18
Terphenyl-d14
Concen: 0.10 ng
RT: 19.48 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:244 Resp: 523

Ion	Ratio	Lower	Upper
244	100		
212	19.9	7.4	11.2#
122	25.1	11.4	17.0#



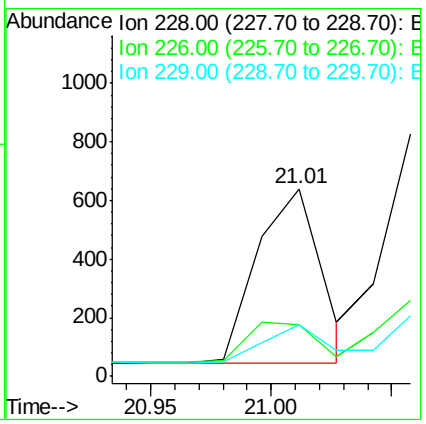


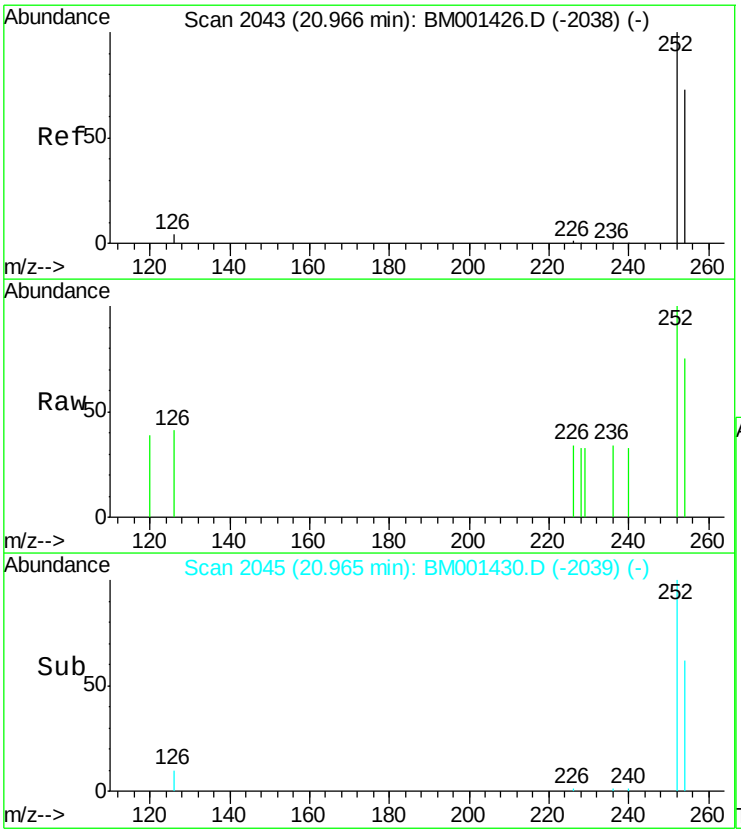
#19
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.01 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1084

Ion	Ratio	Lower	Upper
228	100		
226	27.2	18.2	27.2
229	27.3	17.8	26.8#

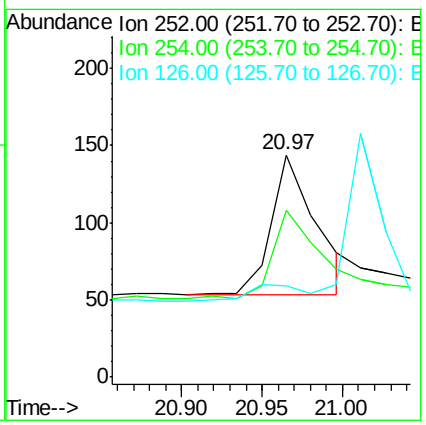


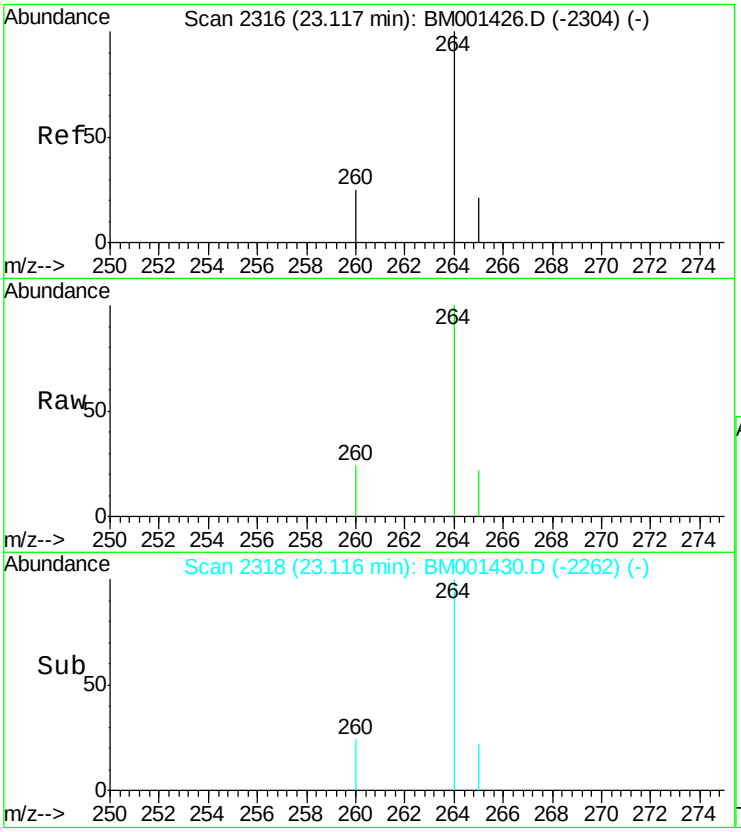


#20
3,3'-Dichlorobenzidine
Concen: 0.07 ng
RT: 20.97 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BM001430.D
Acq: 28 May 2015 14:58

Tgt Ion:252 Resp: 178

Ion	Ratio	Lower	Upper
252	100		
254	75.0	59.0	88.6
126	41.0	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: BM001430.D
Acq: 28 May 2015 14:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 37982

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	22.4	17.3	25.9