Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052815\
Data File : BM001427.D
Acq On : 28 May 2015 12:32
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Quant Time: May 28 15:27:06 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	11890	5.00	ng		0.00
6) Naphthalene-d8	10.16	136	37743	5.00	ng		0.00
9) Acenaphthene-d10	14.07	164	22665	5.00	ng		0.00
15) Phenanthrene-d10	16.81	188	52431	5.00	ng		0.00
17) Chrysene-d12	21.03	240	47230	5.00	ng		0.00
21) Perylene-d12	23.12	264	40773	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	4.98	112	1442	0.76	ng		0.00
3) Phenol-d6	6.57	99	1477	0.76	ng		-0.03
7) Nitrobenzene-d5	8.53	82	1583	0.77	ng		0.00
10) 2,4,6-Tribromophenol	15.58	330	520	0.75	ng		0.00
11) 2-Fluorobiphenyl	12.68	172	5160	0.81	ng		0.00
18) Terphenyl-d14	19.48	244	4767	0.82	ng		0.00
Target Compounds							Qvalue
4) bis(2-Chloroethyl)ether	6.82	93	1592	0.74	ng		100
5) n-Nitroso-di-n-propylamine	8.18	70	1002	0.81	ng		95
8) bis(2-Chloroethoxy)methane	9.60	93	1623	0.80	ng		96
12) 2,6-Dinitrotoluene	13.66	165	693	0.73	ng	#	61
13) 2,4-Dinitrotoluene	14.46	165	780	0.70	ng		92
14) 4-Chlorophenyl-phenylether	15.13	204	2772	0.80	ng		89
16) 4-Bromophenyl-phenylether	16.02	248	1625	0.79	ng	#	80
19) Benzo(a)anthracene	21.01	228	9116	3.17	ng		100
20) 3,3'-Dichlorobenzidine	20.96	252	2091	0.70	ng		95

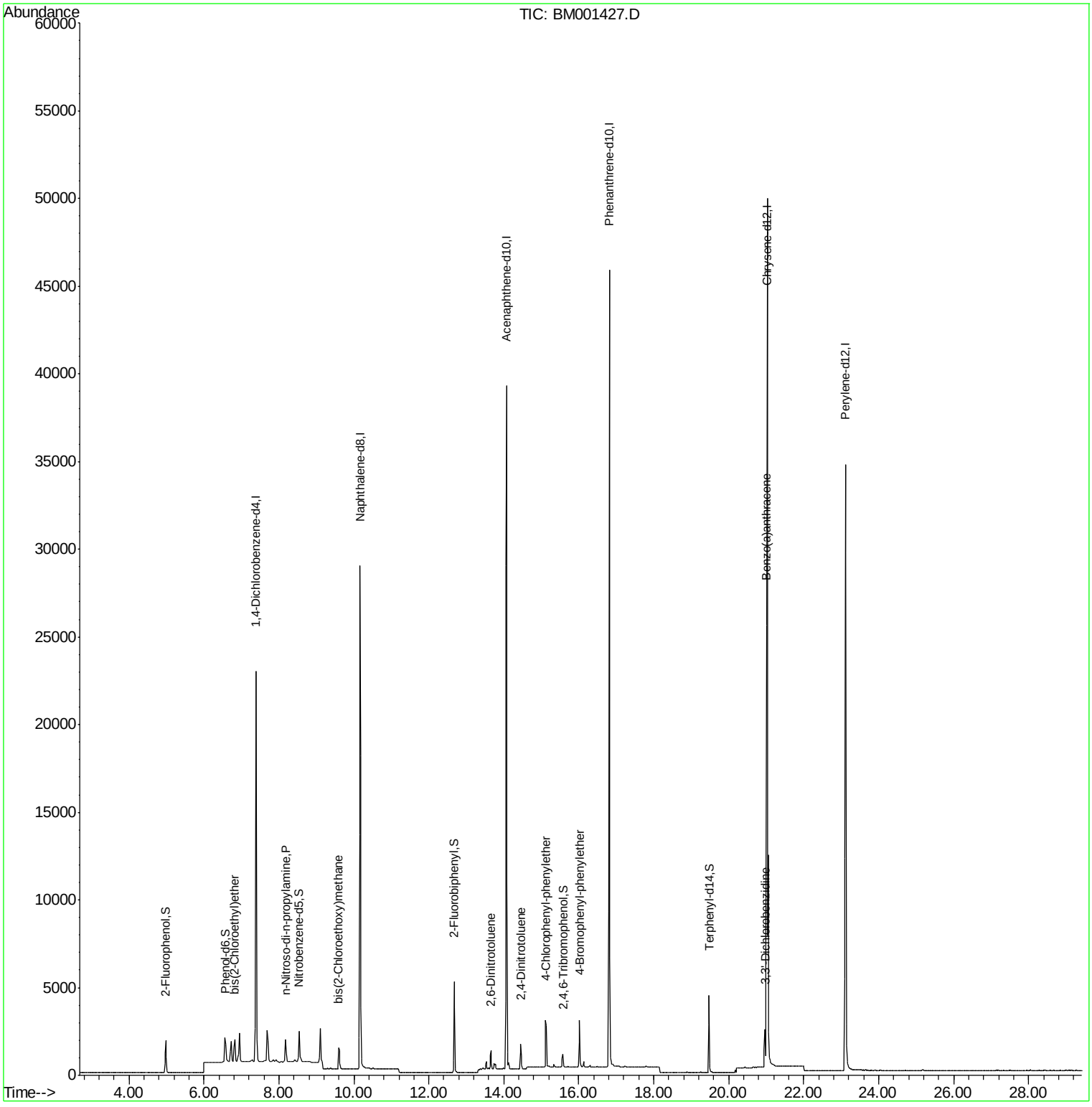
(#) = qualifier out of range (m) = manual integration (+) = signals summed

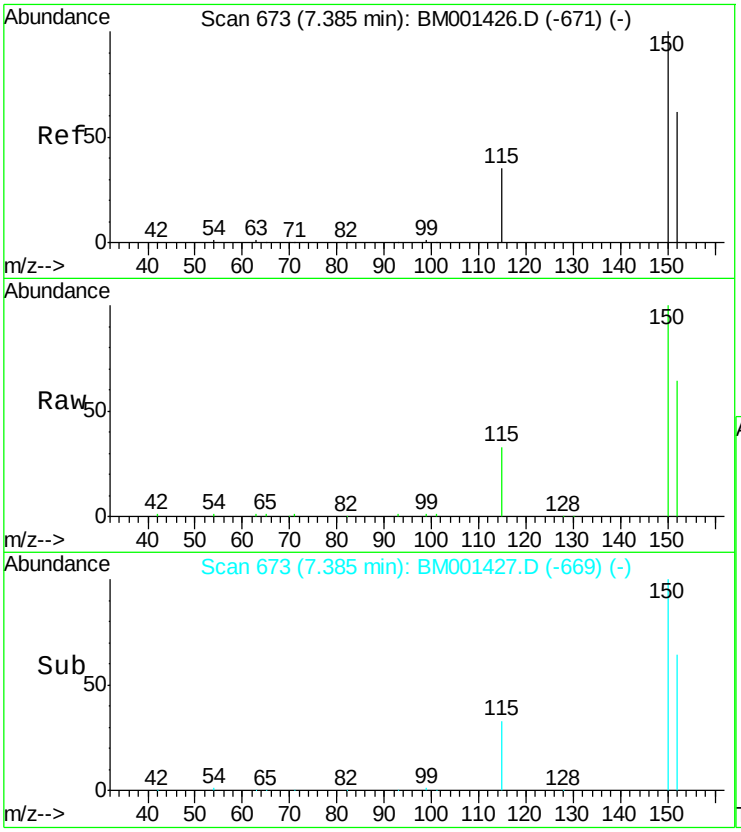
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052815\
Data File : BM001427.D
Acq On : 28 May 2015 12:32
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Quant Time: May 28 15:27:06 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



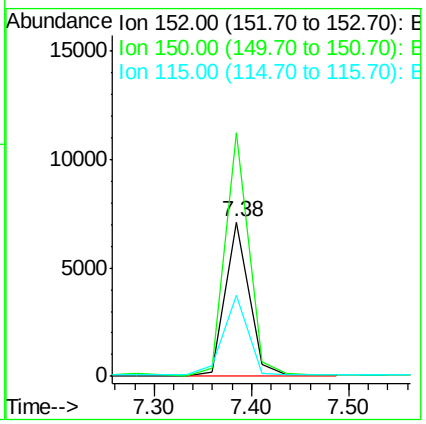


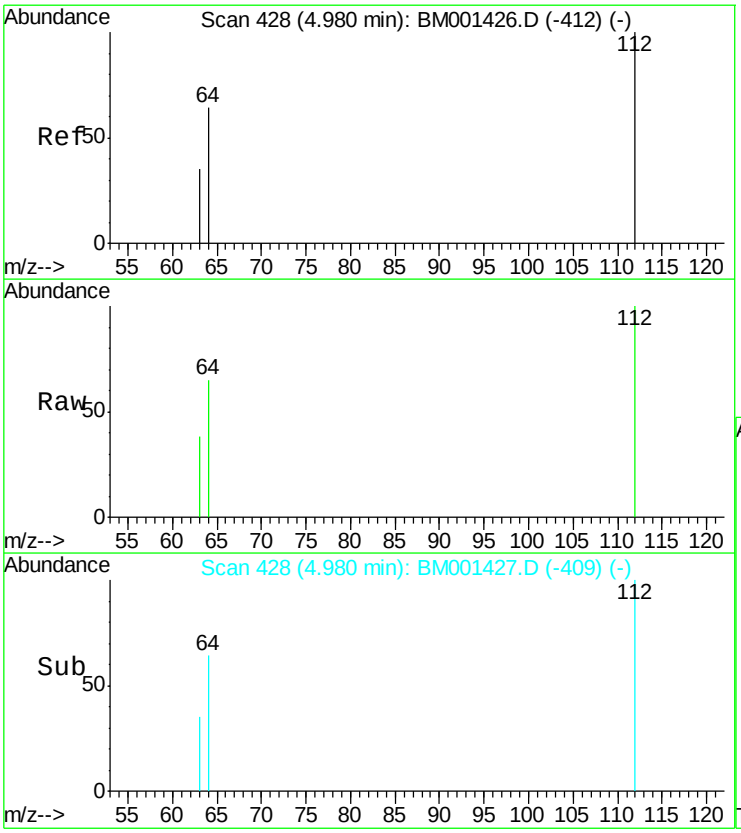
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 11890

Ion	Ratio	Lower	Upper
152	100		
150	157.4	128.4	192.6
115	52.1	45.6	68.4

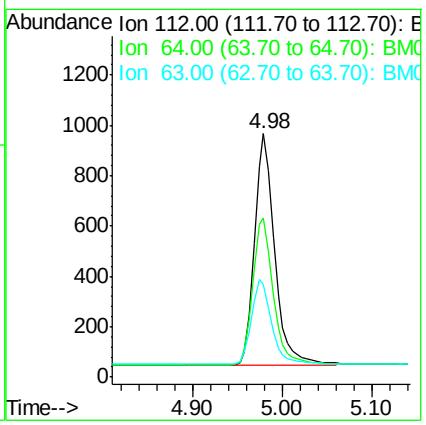


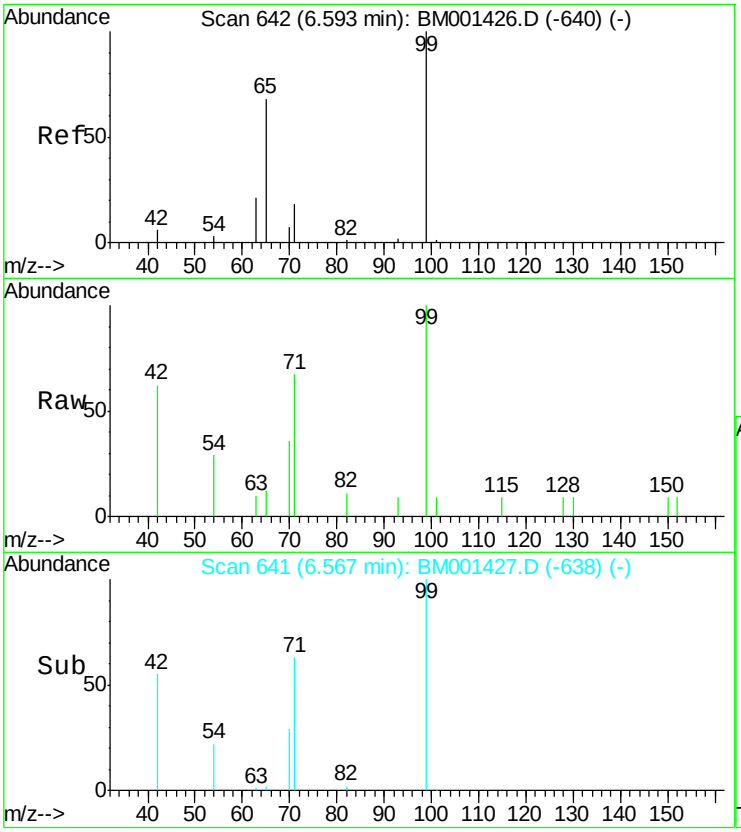


#2
2-Fluorophenol
Concen: 0.76 ng
RT: 4.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:112 Resp: 1442

Ion	Ratio	Lower	Upper
112	100		
64	65.5	52.1	78.1
63	38.1	30.2	45.2



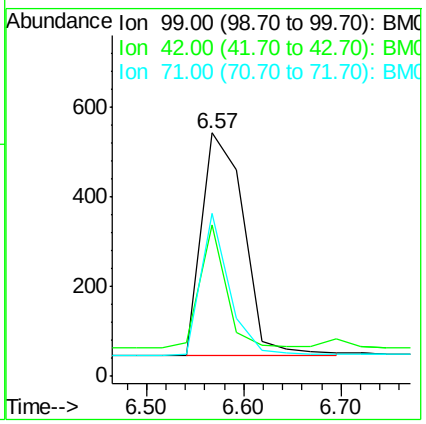


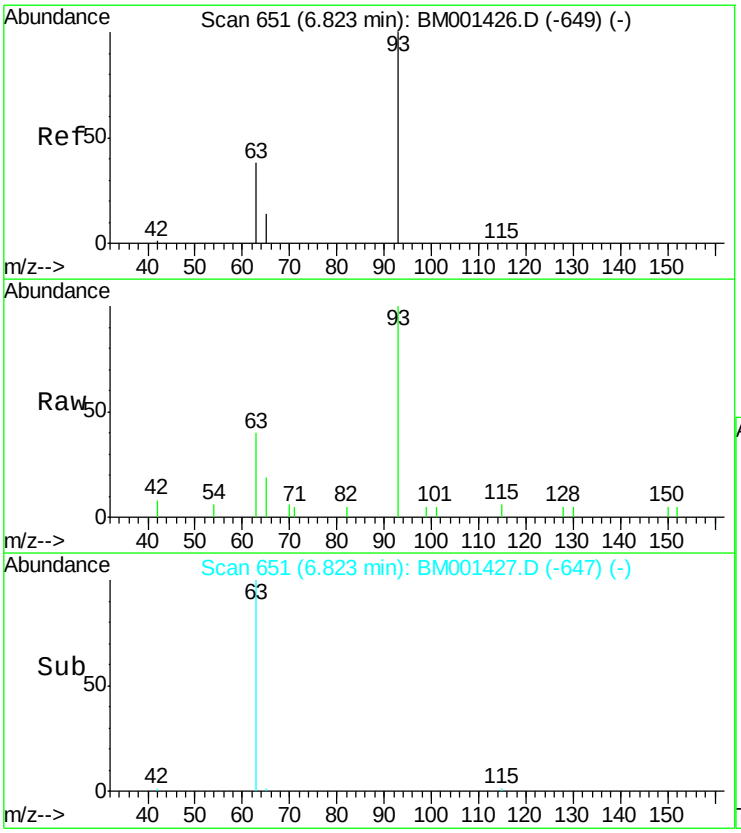
#3
Phenol-d6
Concen: 0.76 ng
RT: 6.57 min Scan# 641
Delta R.T. -0.03 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 1477

Ion	Ratio	Lower	Upper
99	100		
42	62.2	13.7	20.5#
71	66.8	19.8	29.6#

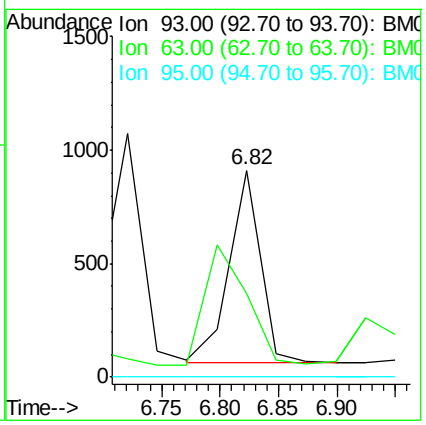


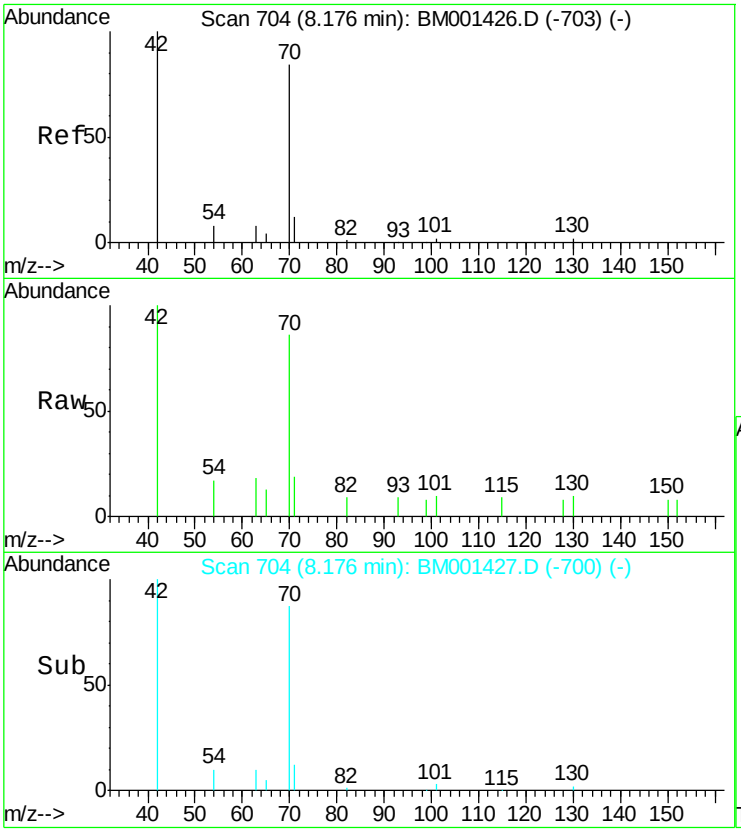


#4
bis(2-Chloroethyl)ether
Concen: 0.74 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion: 93 Resp: 1592

Ion	Ratio	Lower	Upper
93	100		
63	40.2	20.0	60.0
95	0.0	0.0	20.0



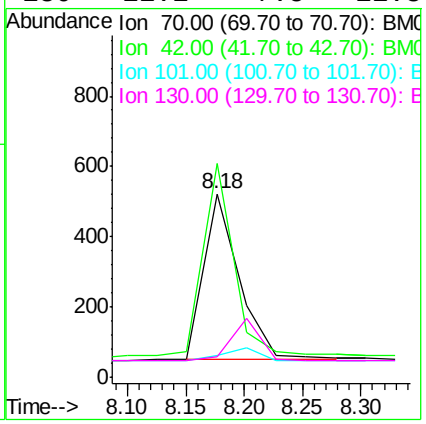


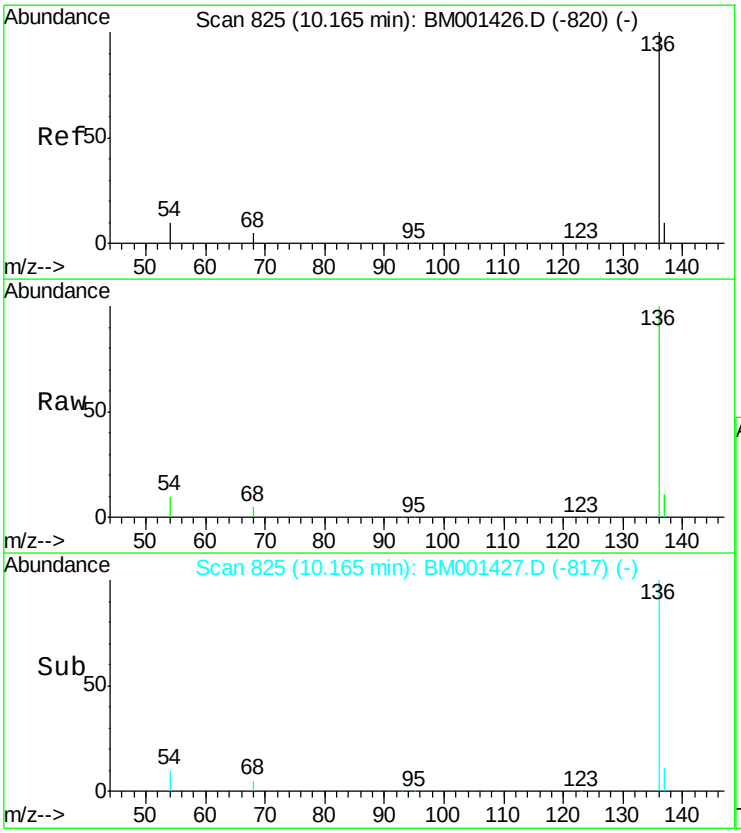
#5
n-Nitroso-di-n-propylamine
Concen: 0.81 ng
RT: 8.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 70 Resp: 1002

Ion	Ratio	Lower	Upper
70	100		
42	116.3	97.8	146.6
101	11.7	8.2	12.2
130	11.1	7.5	11.3

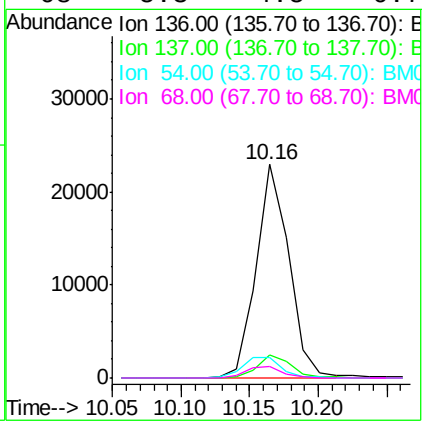


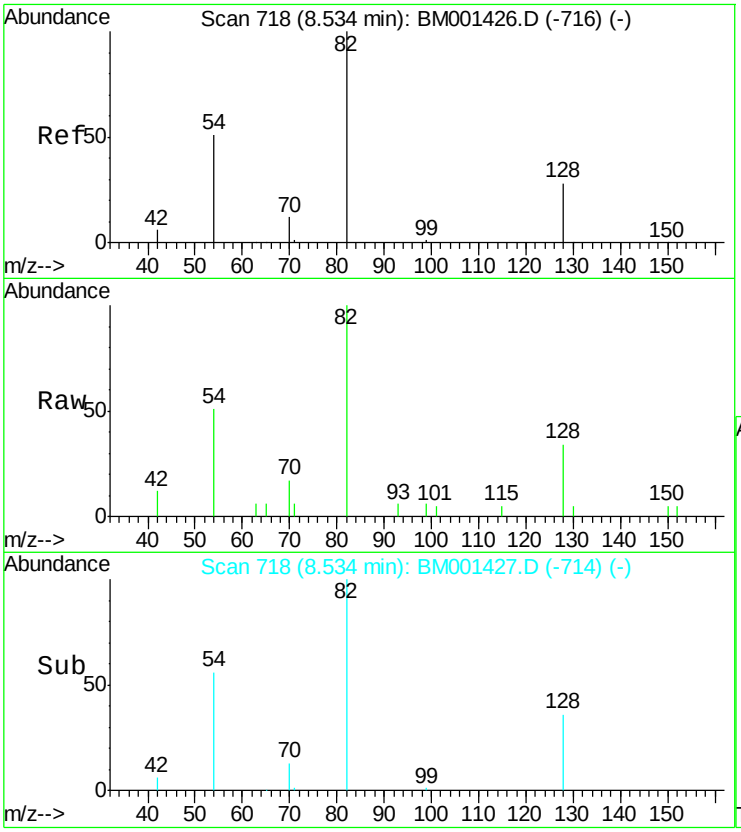


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.16 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:136 Resp: 37743

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	9.7	8.2	12.4
68	5.3	4.5	6.7



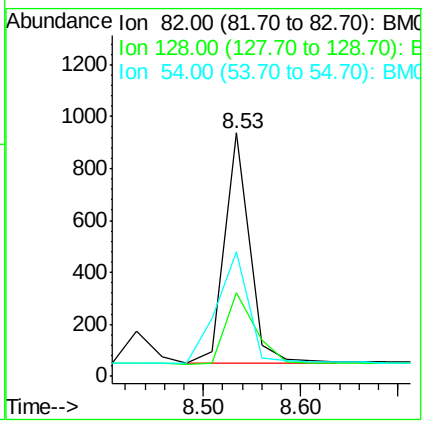


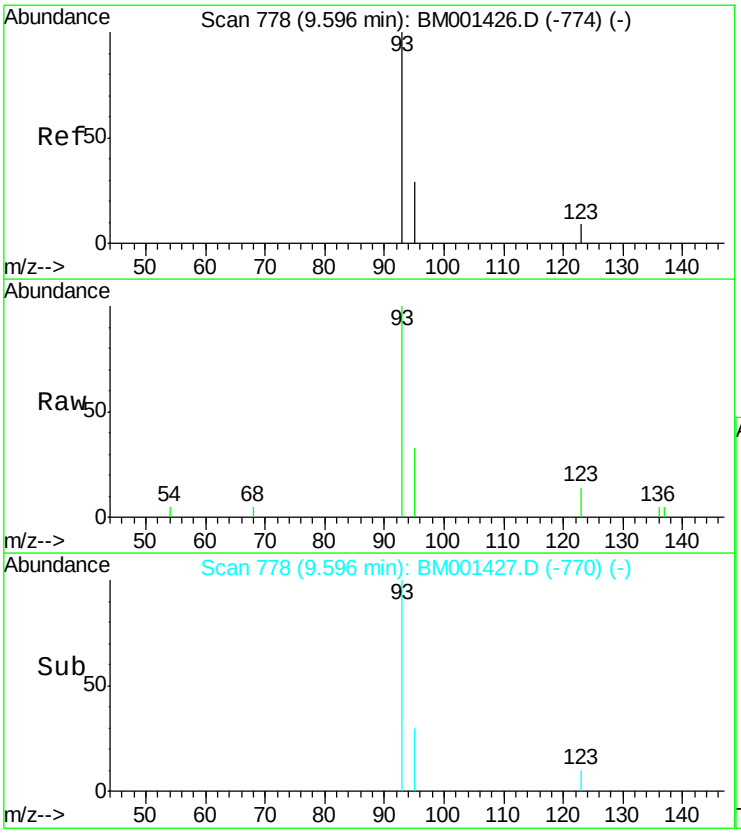
#7
Nitrobenzene-d5
Concen: 0.77 ng
RT: 8.53 min Scan# 718
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 1583

Ion	Ratio	Lower	Upper
82	100		
128	34.2	24.4	36.6
54	51.1	42.3	63.5

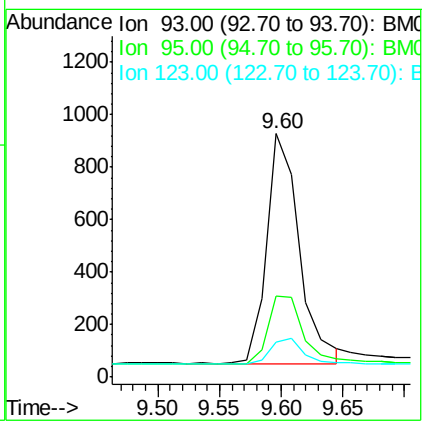


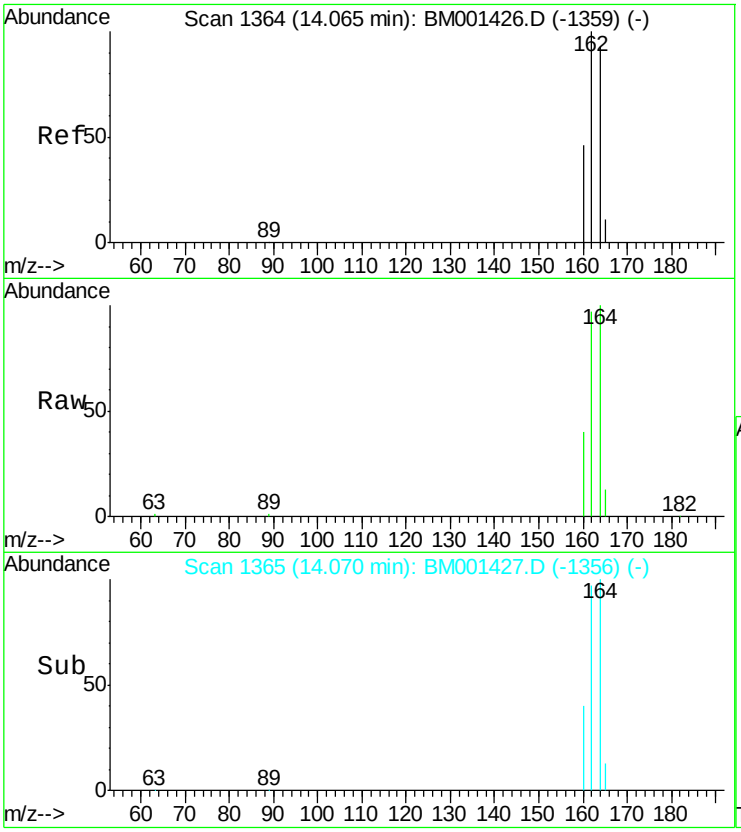


#8
bis(2-Chloroethoxy)methane
Concen: 0.80 ng
RT: 9.60 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion: 93 Resp: 1623

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.3	37.9
123	14.4	10.2	15.2



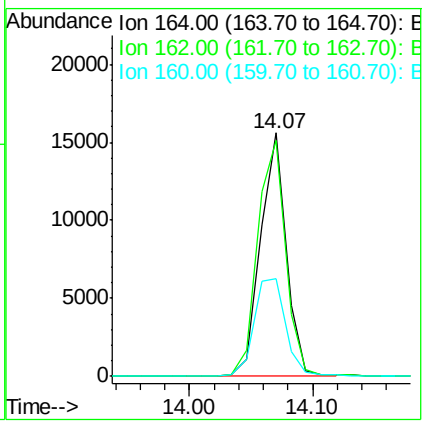


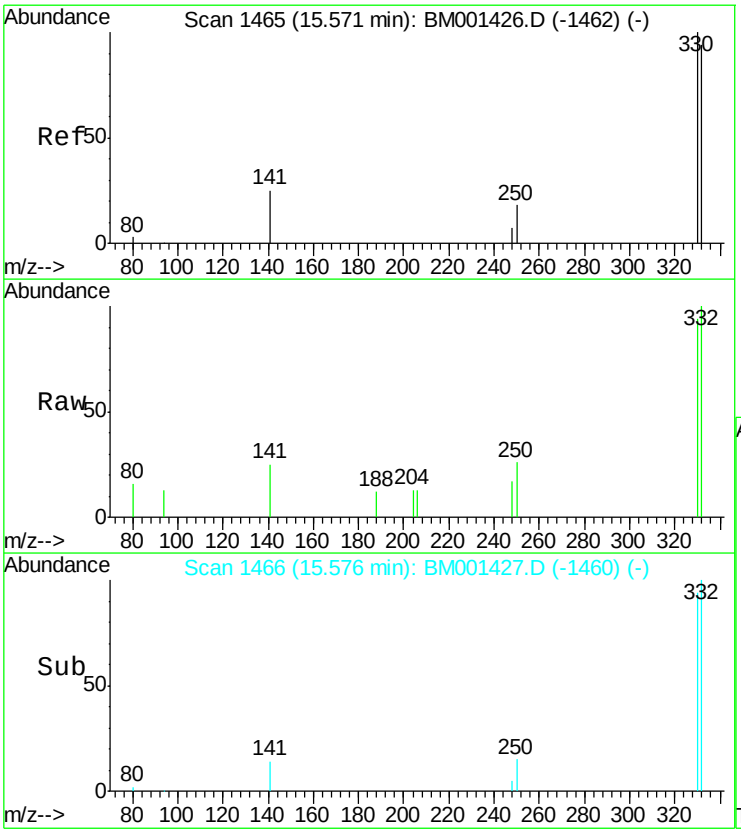
#9
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.07 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 22665

Ion	Ratio	Lower	Upper
164	100		
162	96.8	86.2	129.2
160	40.2	39.4	59.2

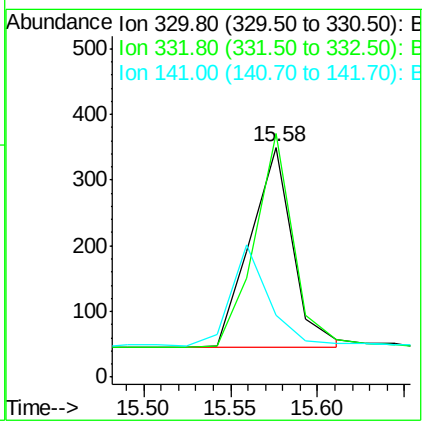


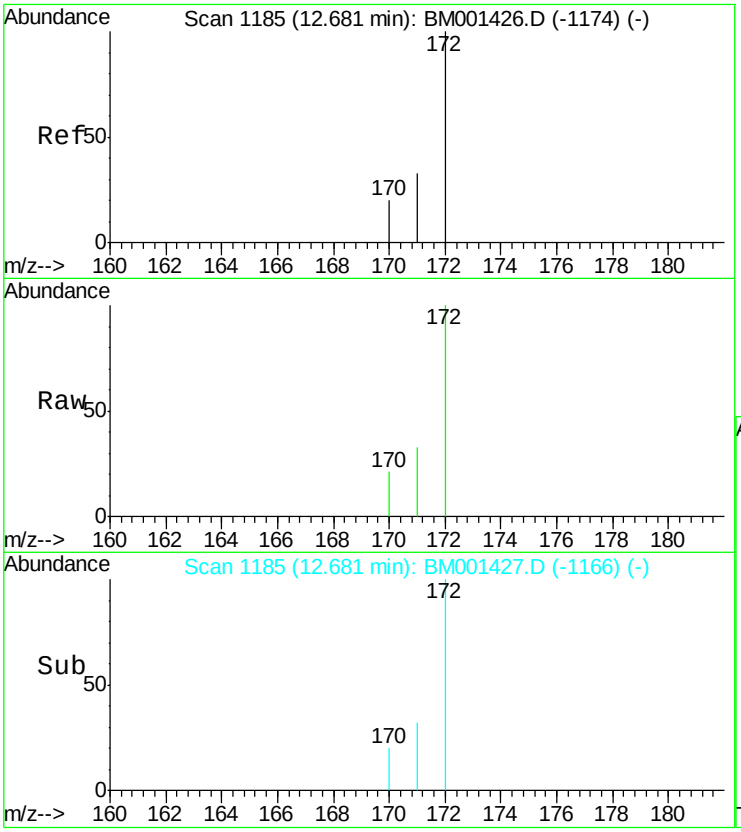


#10
2,4,6-Tribromophenol
Concen: 0.75 ng
RT: 15.58 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:330 Resp: 520

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.3	114.5
141	45.0	35.0	52.4



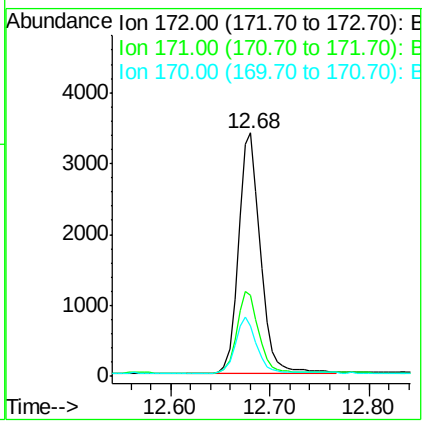


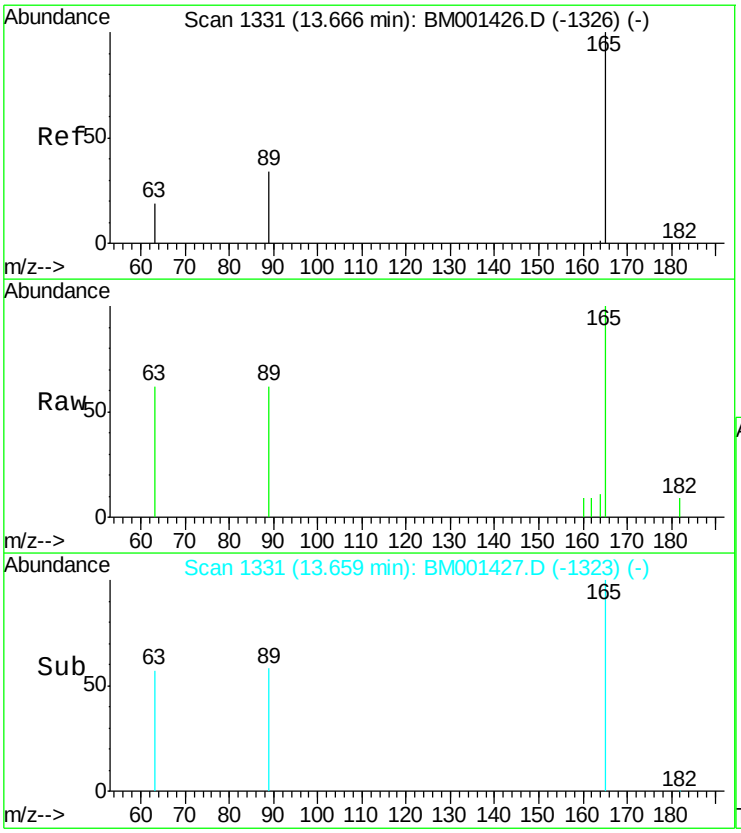
#11
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 12.68 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 5160

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.9	40.3
170	20.9	17.1	25.7

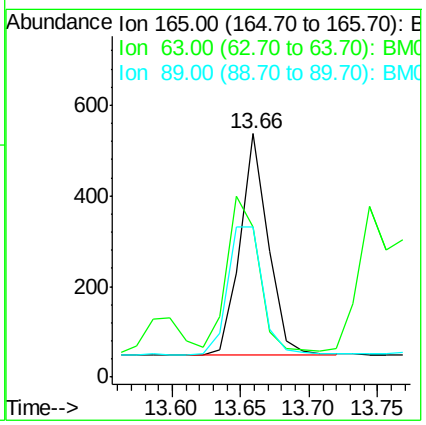


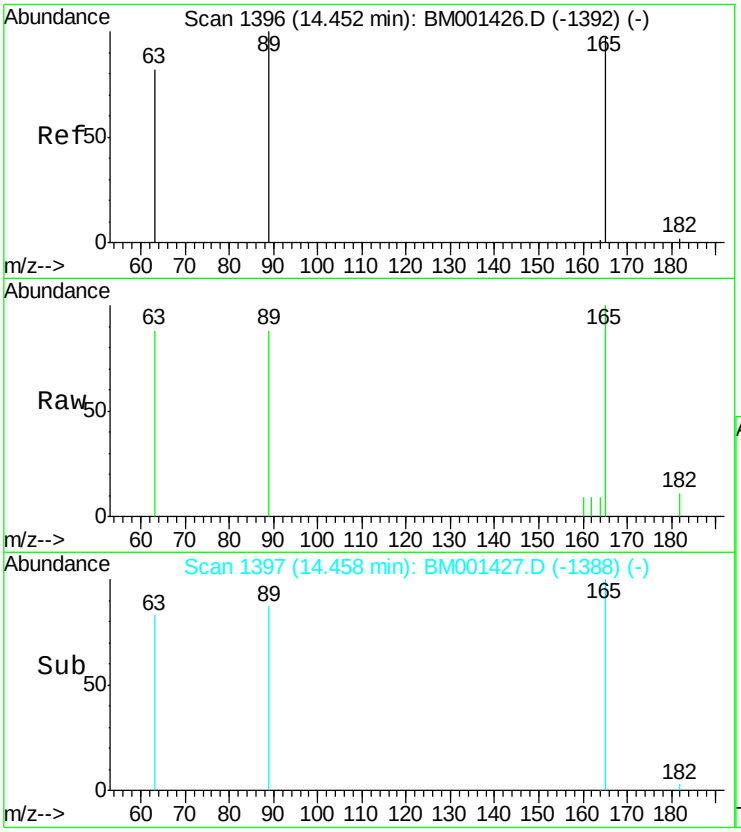


#12
2,6-Dinitrotoluene
Concen: 0.73 ng
RT: 13.66 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:165 Resp: 693

Ion	Ratio	Lower	Upper
165	100		
63	61.6	29.1	43.7#
89	61.8	32.1	48.1#



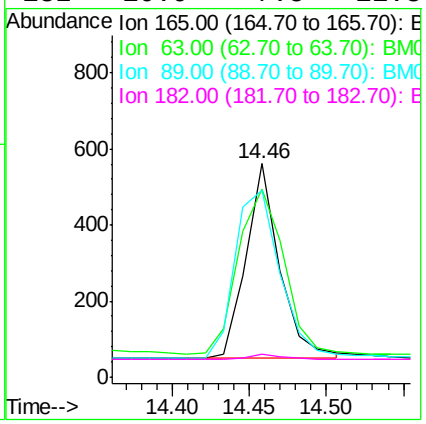


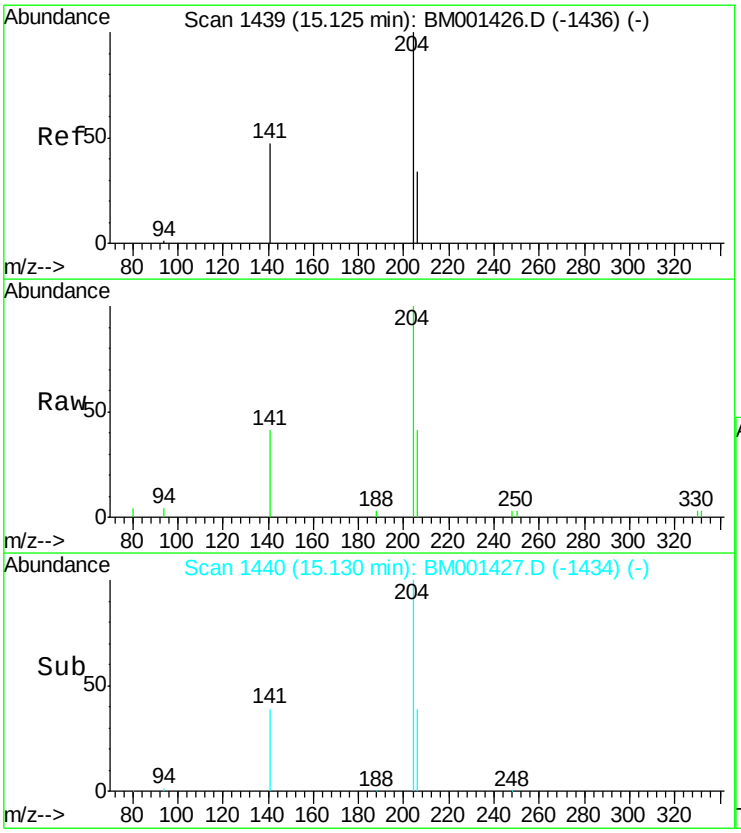
#13
2,4-Dinitrotoluene
Concen: 0.70 ng
RT: 14.46 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:165 Resp: 780

Ion	Ratio	Lower	Upper
165	100		
63	88.2	70.6	105.8
89	87.7	82.4	123.6
182	10.9	7.5	11.3

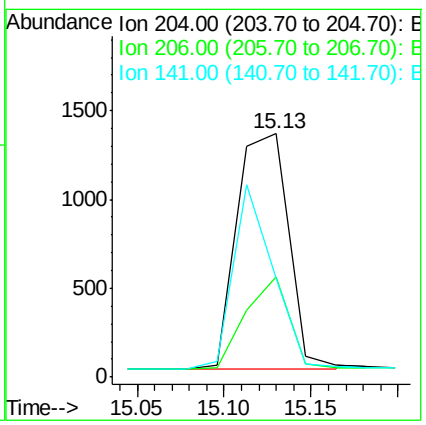


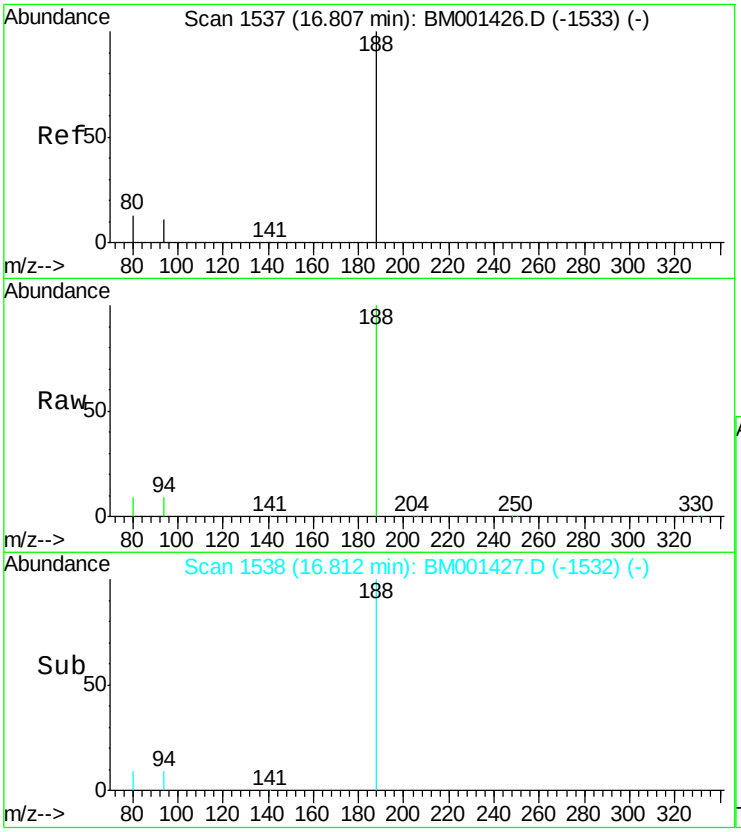


#14
4-Chlorophenyl-phenylether
Concen: 0.80 ng
RT: 15.13 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:204 Resp: 2772

Ion	Ratio	Lower	Upper
204	100		
206	41.4	27.8	41.8
141	40.8	38.2	57.4



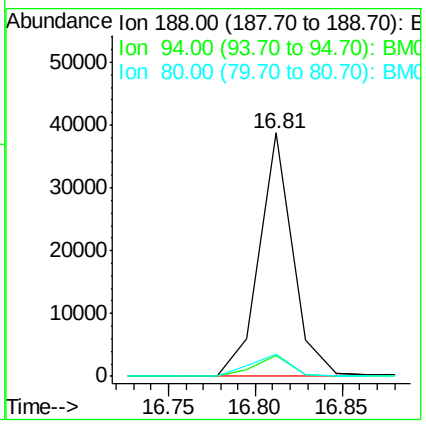


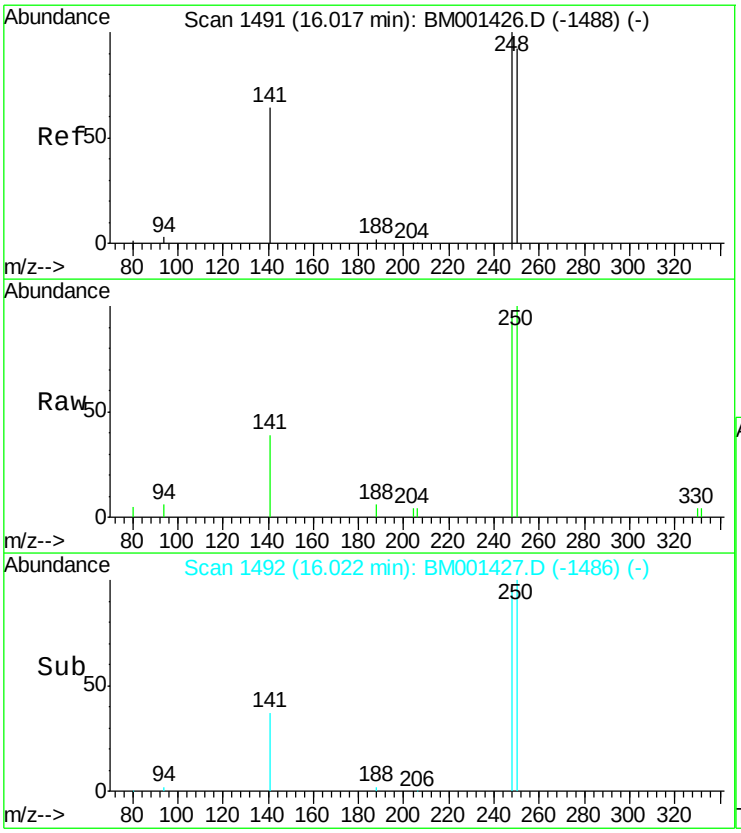
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.81 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 52431

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.9	10.6	15.8#

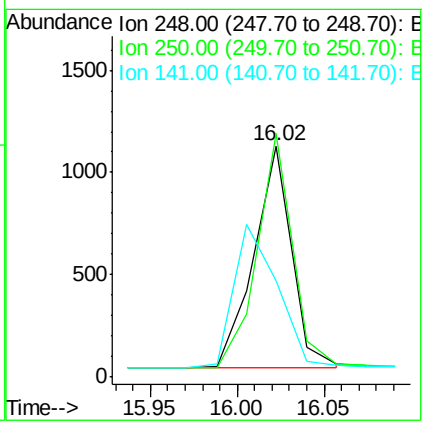


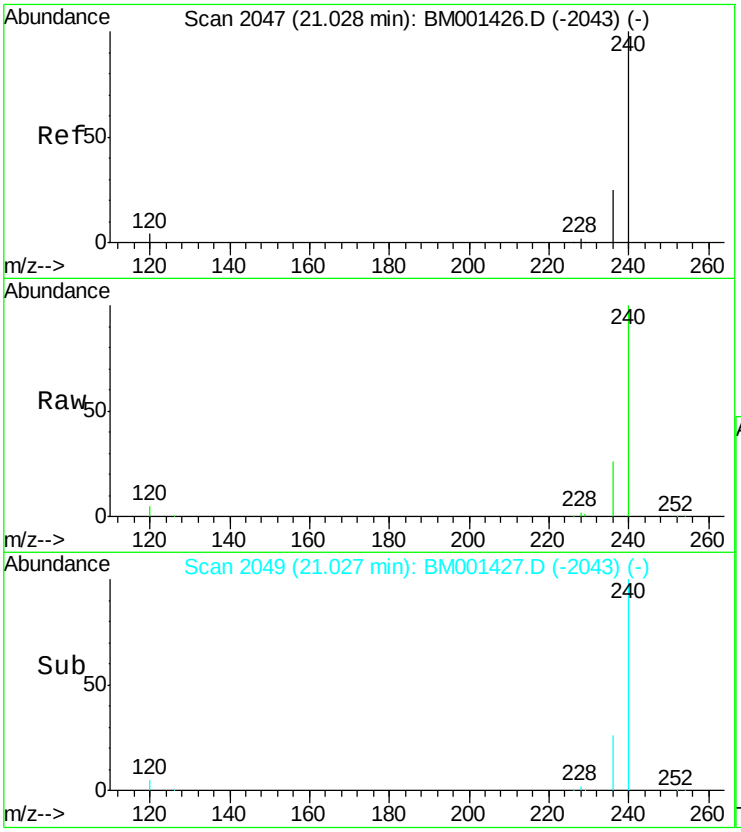


#16
4-Bromophenyl-phenylether
Concen: 0.79 ng
RT: 16.02 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:248 Resp: 1625

Ion	Ratio	Lower	Upper
248	100		
250	105.5	74.1	111.1
141	41.5	52.4	78.6#



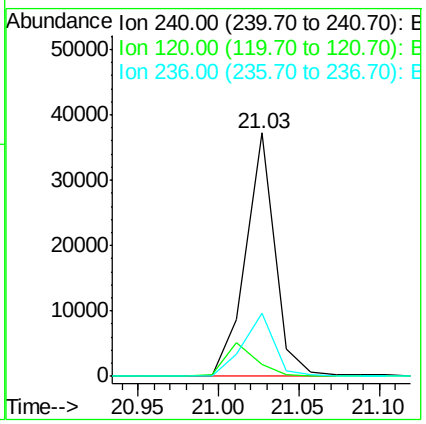


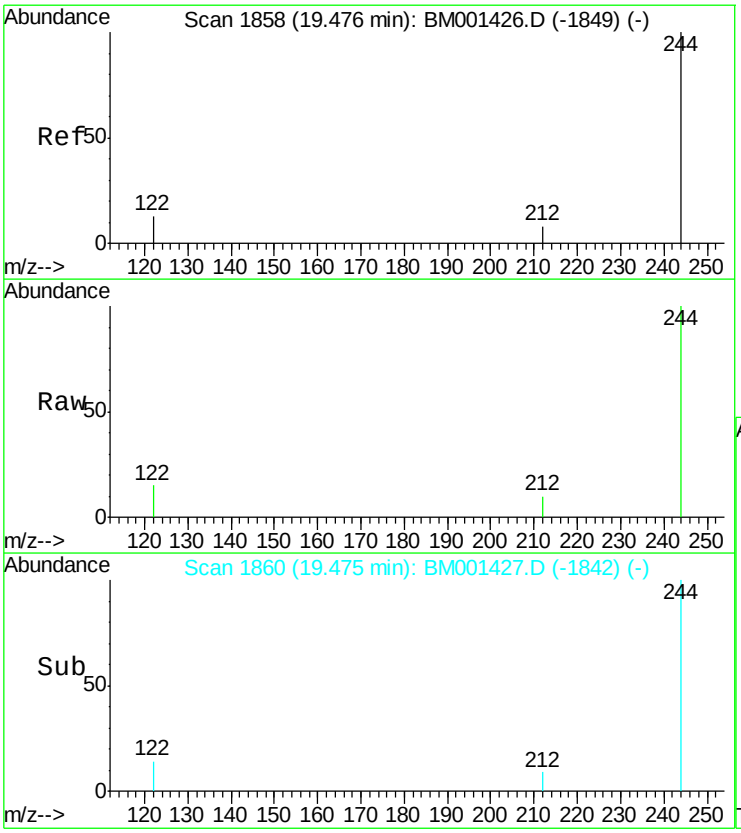
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 47230

Ion	Ratio	Lower	Upper
240	100		
120	5.0	3.2	4.8#
236	25.7	19.8	29.6

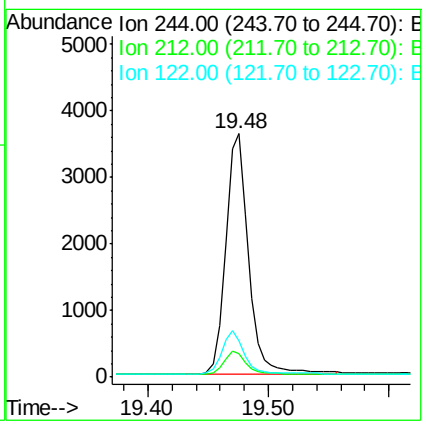


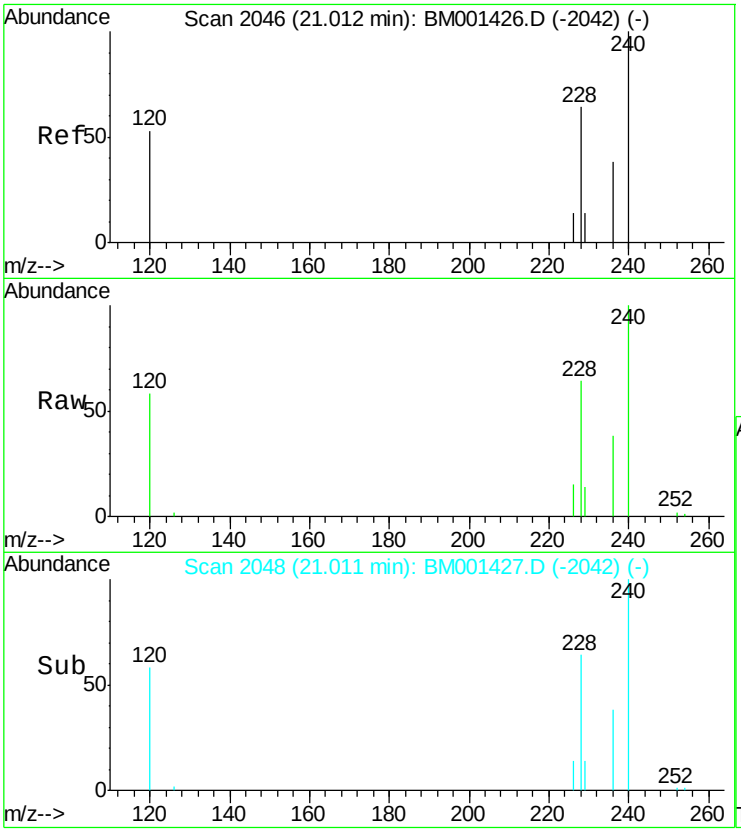


#18
Terphenyl-d14
Concen: 0.82 ng
RT: 19.48 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:244 Resp: 4767

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.4	11.2
122	15.1	11.4	17.0



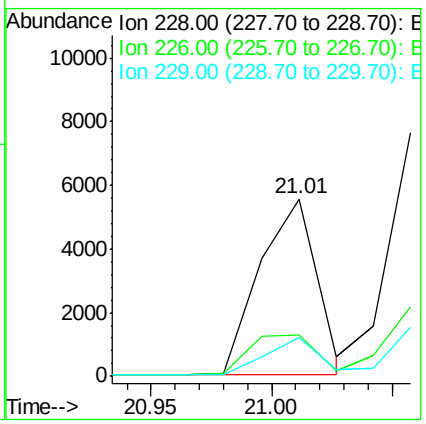


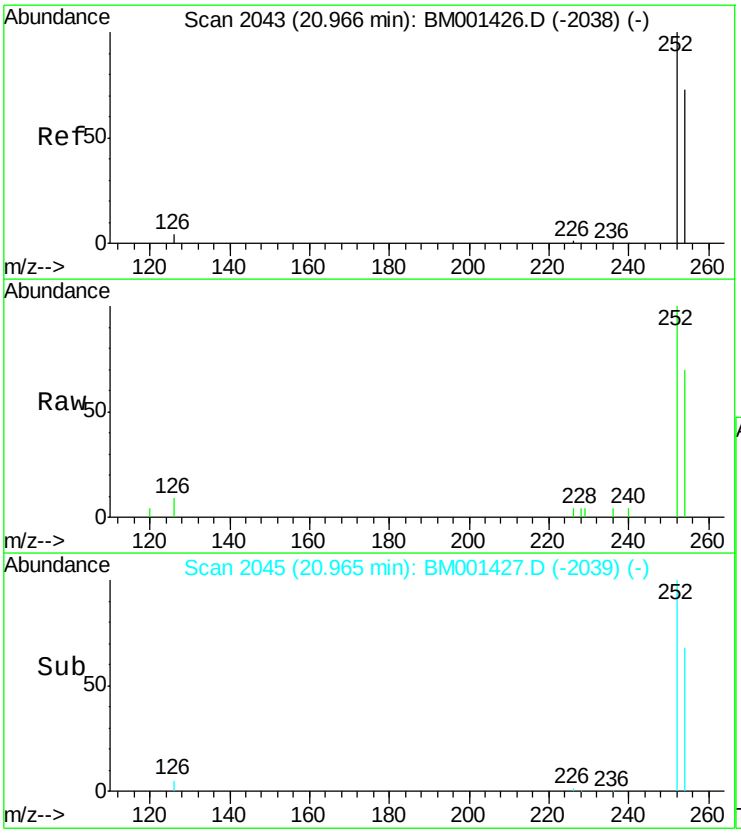
#19
Benzo(a)anthracene
Concen: 3.17 ng
RT: 21.01 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 9116

Ion	Ratio	Lower	Upper
228	100		
226	23.0	18.2	27.2
229	22.1	17.8	26.8

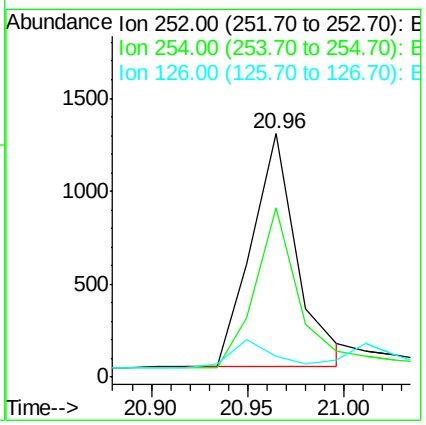


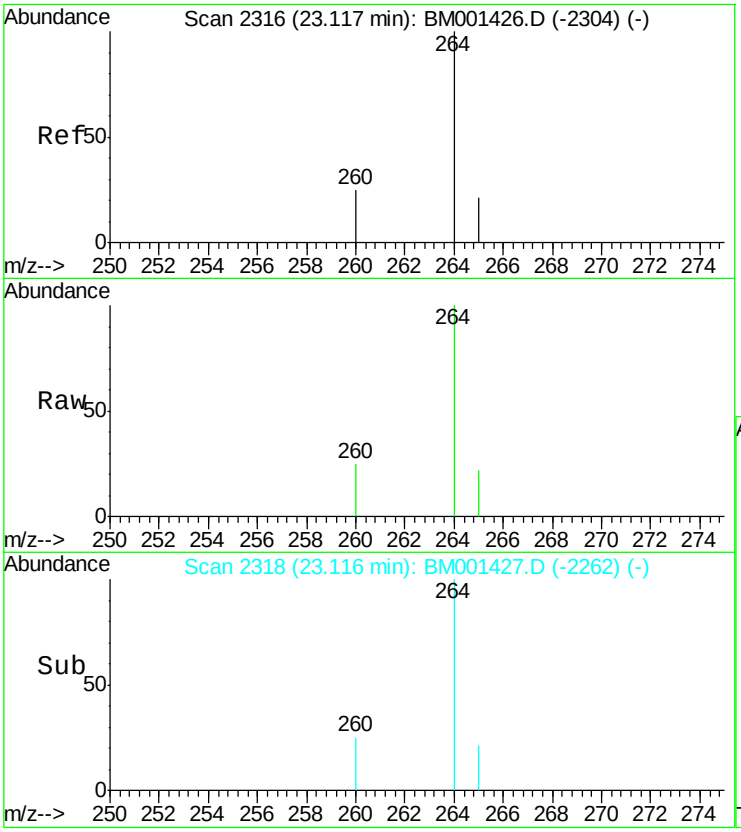


#20
3,3'-Dichlorobenzidine
Concen: 0.70 ng
RT: 20.96 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:252 Resp: 2091

Ion	Ratio	Lower	Upper
252	100		
254	69.5	59.0	88.6
126	8.5	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: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 40773

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.6	17.3	25.9