

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001496.D
 Acq On : 31 May 2015 05:06
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

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Quant Time: May 31 07:34:16 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	12408	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	46206	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	24320	5.00	ng	0.00
15) Phenanthrene-d10	16.80	188	49971	5.00	ng	0.00
17) Chrysene-d12	21.03	240	40885	5.00	ng	0.00
21) Perylene-d12	23.11	264	36214	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	1262	0.61	ng	0.00
3) Phenol-d6	6.57	99	1611	0.73	ng	0.00
7) Nitrobenzene-d5	8.53	82	1249	0.50	ng	0.00
10) 2,4,6-Tribromophenol	15.56	330	417	0.55	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	3555	0.52	ng	0.00
18) Terphenyl-d14	19.47	244	2757	0.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	1255	0.55	ng	90
5) n-Nitroso-di-n-propylamine	8.18	70	972	0.71	ng	# 91
8) bis(2-Chloroethoxy)methane	9.58	93	1448	0.58	ng	# 95
12) 2,6-Dinitrotoluene	13.65	165	515	0.49	ng	# 43
13) 2,4-Dinitrotoluene	14.46	165	549	0.46	ng	# 94
14) 4-Chlorophenyl-phenylether	15.12	204	1757	0.48	ng	# 74
16) 4-Bromophenyl-phenylether	16.01	248	1025	0.52	ng	# 79
19) Benzo(a)anthracene	20.99	228	5709	2.22	ng	# 87
20) 3,3'-Dichlorobenzidine	20.95	252	1861m	0.69	ng	

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

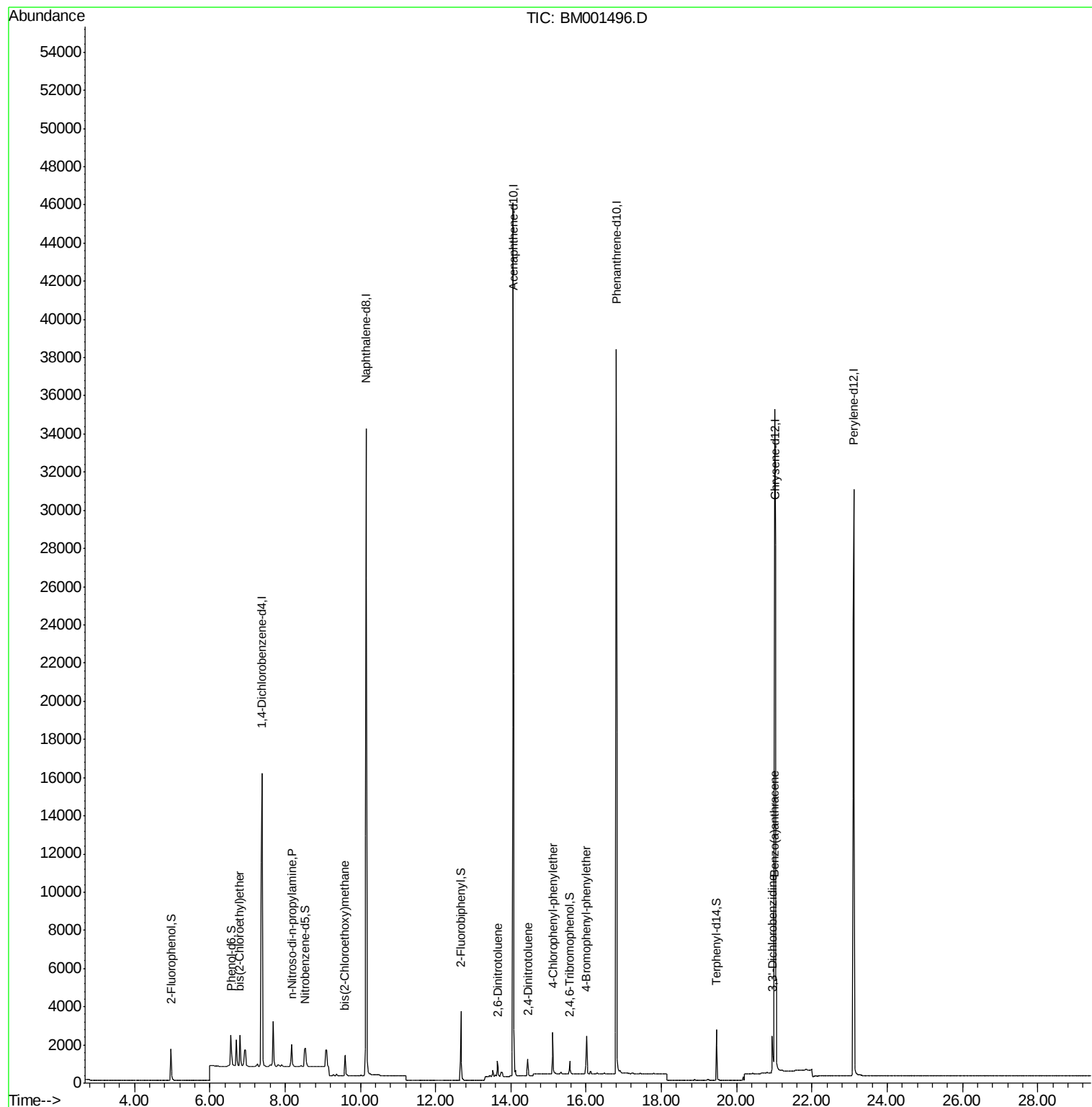
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
Data File : BM001496.D
Acq On : 31 May 2015 05:06
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 25 Sample Multiplier: 1

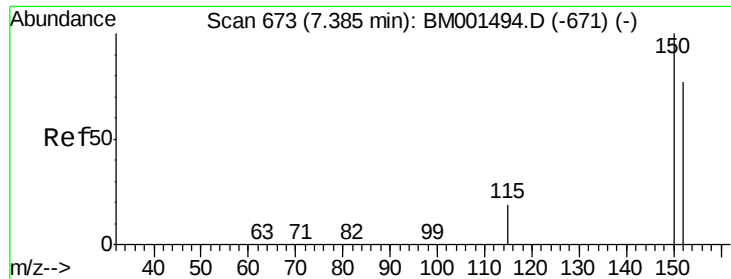
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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#1

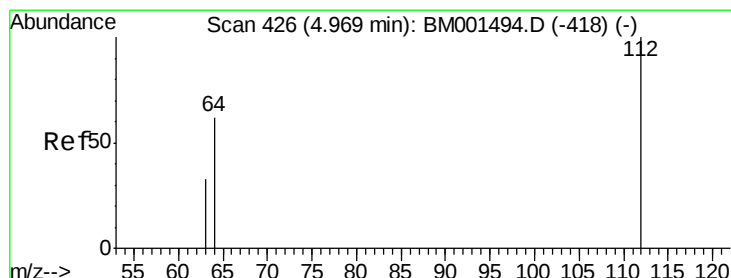
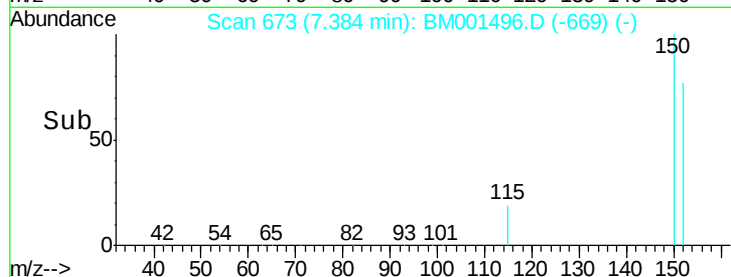
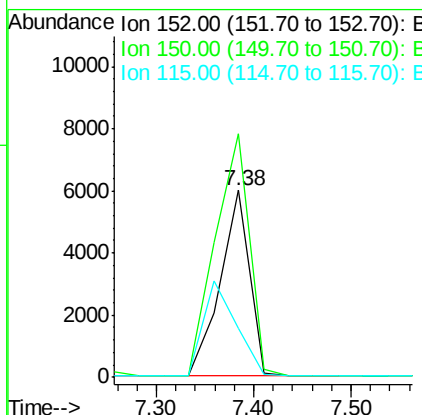
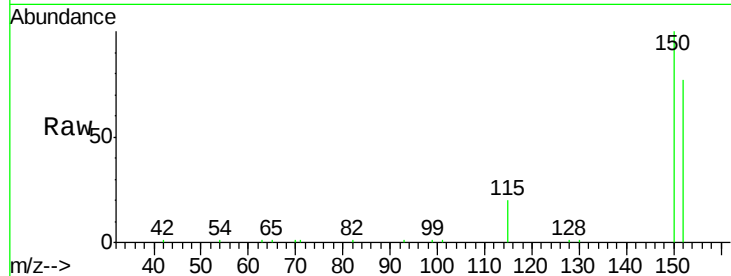
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	130.0	103.8	155.8
115	26.1	20.7	31.1

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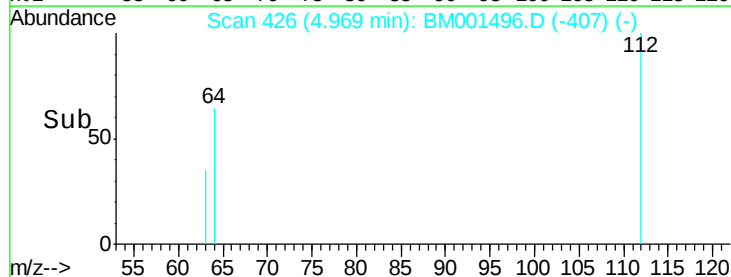
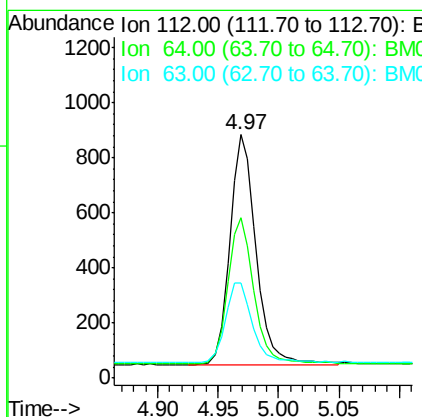
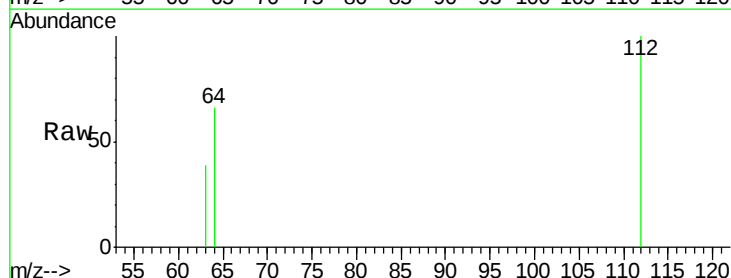
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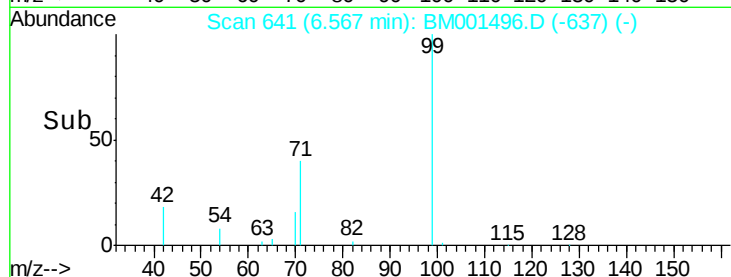
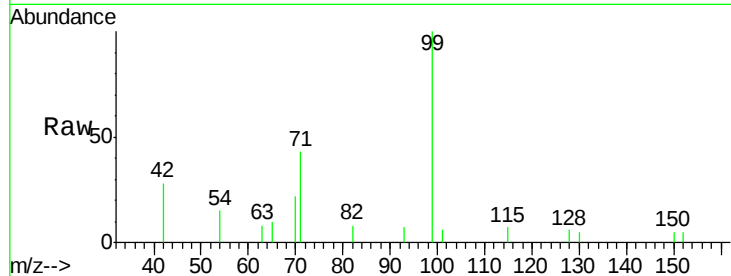
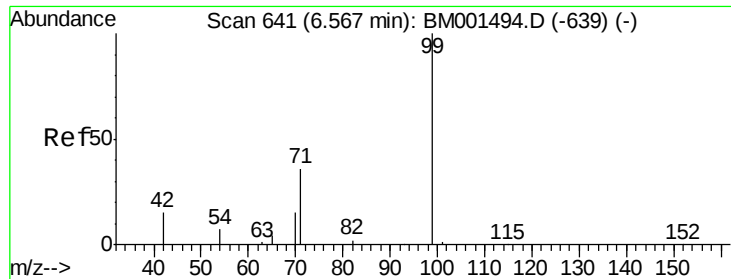


#2

2-Fluorophenol
Concen: 0.61 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	50.2	75.2
63	39.1	28.2	42.4





#3

Phenol-d6

Concen: 0.73 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Tgt Ion:	99	Resp:	1611
Ion Ratio	Lower	Upper	
99	100		
42	27.7	15.2	22.8#
71	43.4	30.6	46.0

Instrument :

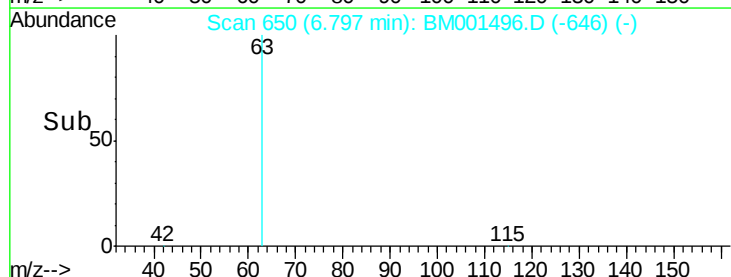
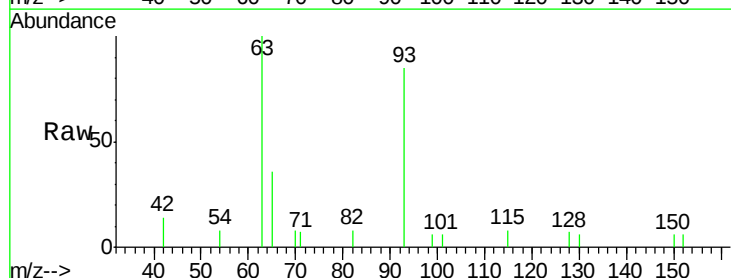
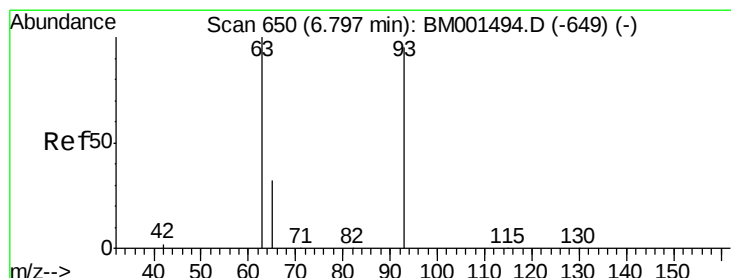
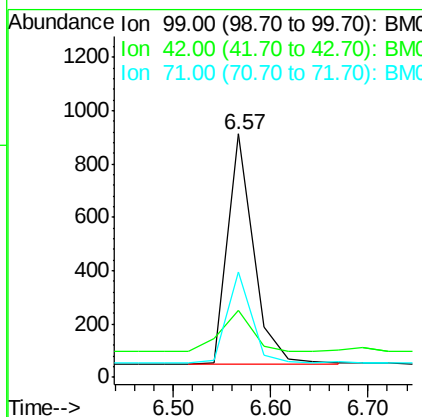
BNA_M

ClientSampleId :

SSTDICC0.5

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#4

bis(2-Chloroethyl)ether

Concen: 0.55 ng

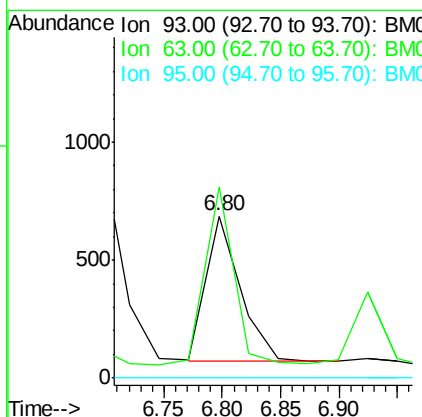
RT: 6.80 min Scan# 650

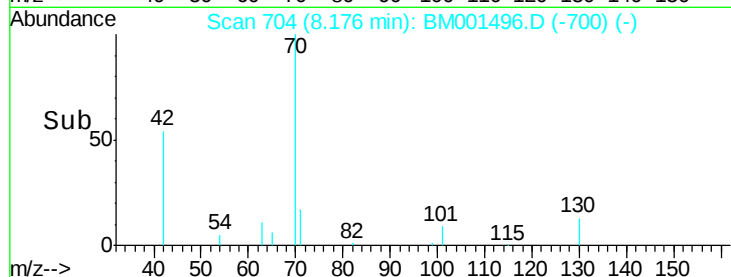
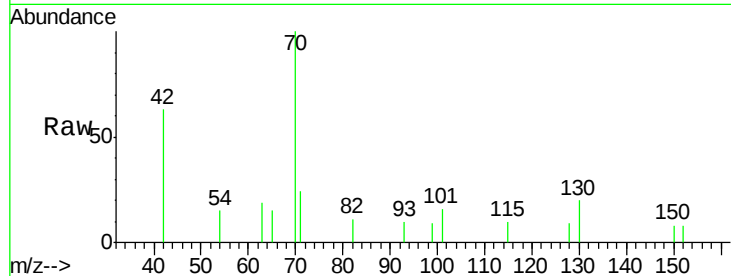
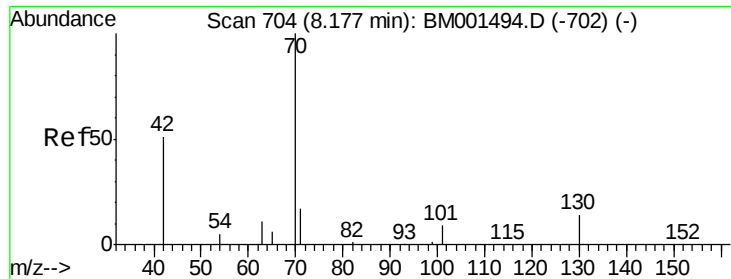
Delta R.T. -0.00 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Tgt Ion:	93	Resp:	1255
Ion Ratio	Lower	Upper	
93	100		
63	117.4	86.8	126.8
95	0.0	0.0	20.0





#5

n-Nitroso-di-n-propylamine

Concen: 0.71 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Instrument :

BNA_M

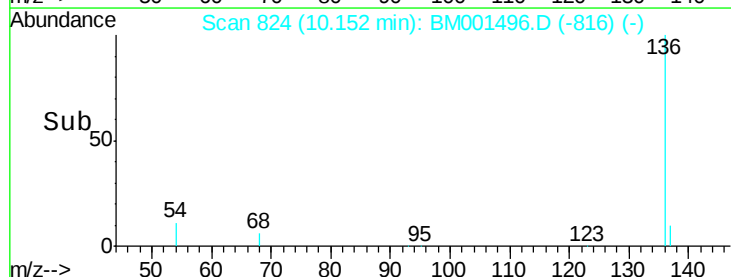
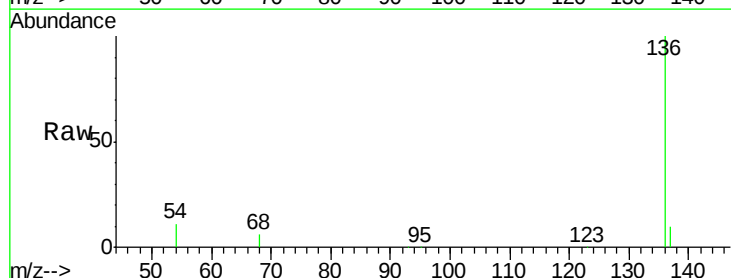
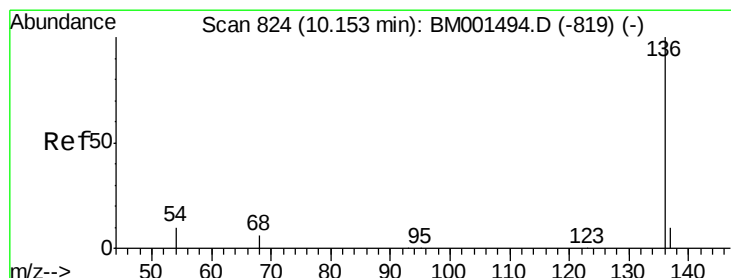
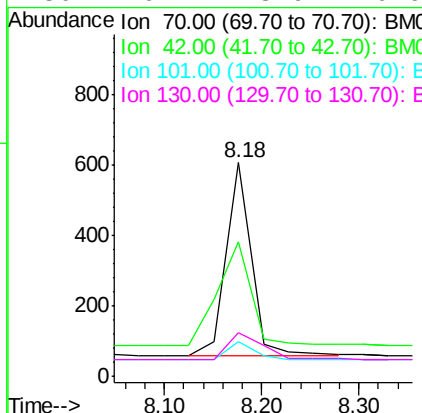
ClientSampleId :

SSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.9	44.2	66.2
101	16.2	10.3	15.5
130	20.1	13.9	20.9

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#6

Naphthalene-d8

Concen: 5.00 ng

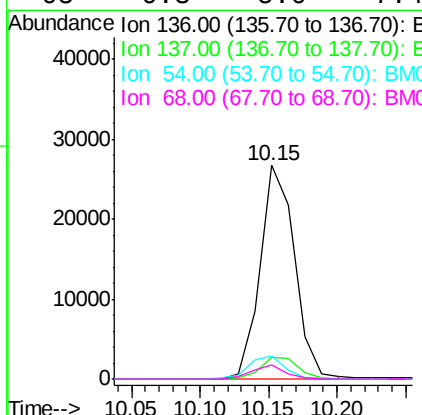
RT: 10.15 min Scan# 824

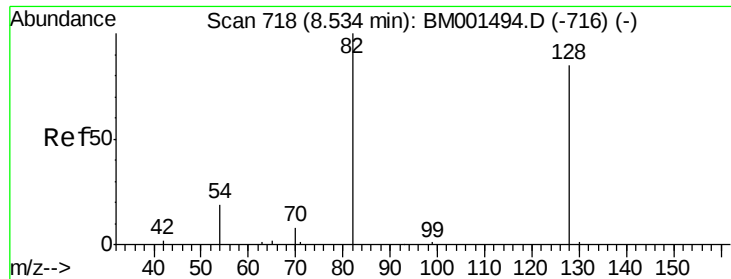
Delta R.T. -0.00 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	10.9	8.5	12.7
68	6.3	5.0	7.4





#7

Nitrobenzene-d5

Concen: 0.50 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Instrument :

BNA_M

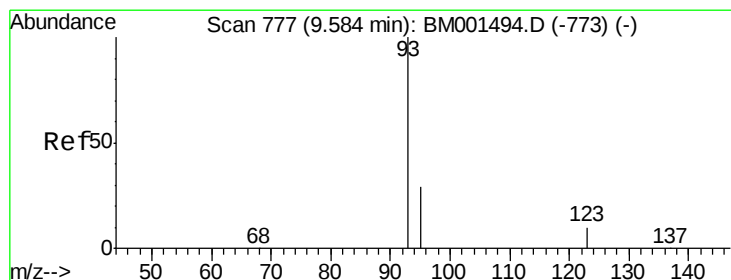
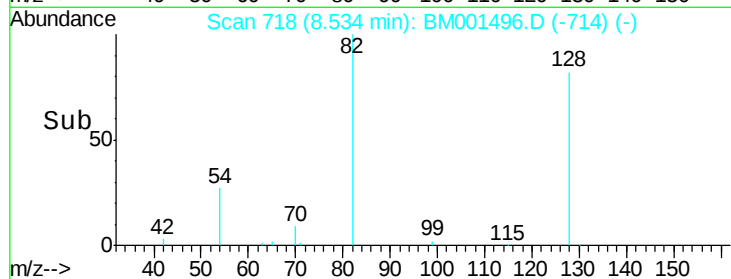
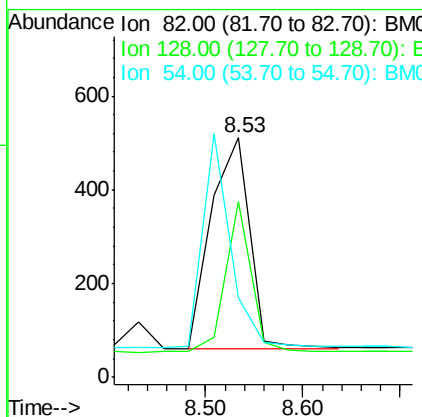
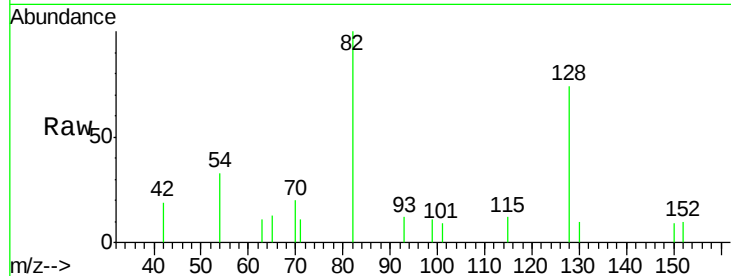
ClientSampleId :

SSTDIC0.5

Tgt Ion:	82	Resp:	1249
Ion Ratio	Lower	Upper	
82	100		
128	73.6	68.2	102.2
54	33.1	21.0	31.4#

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#8

bis(2-Chloroethoxy)methane

Concen: 0.58 ng

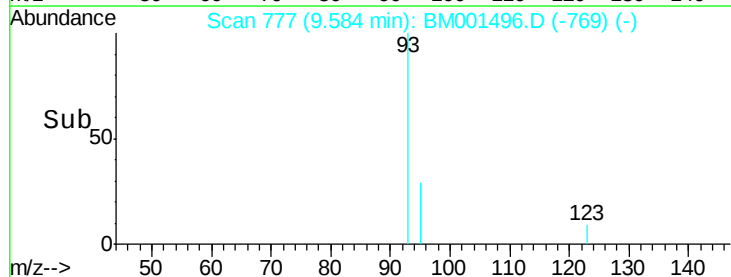
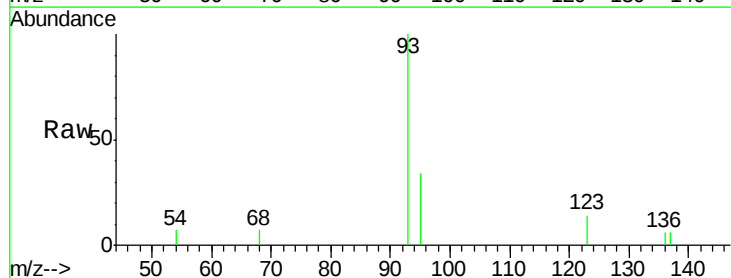
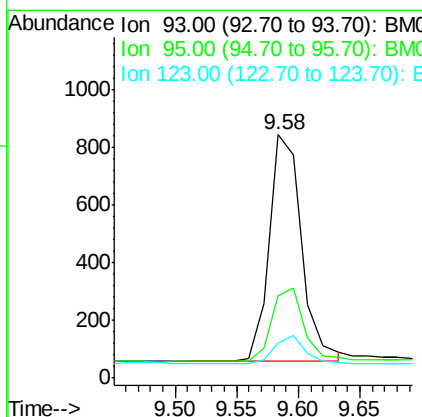
RT: 9.58 min Scan# 777

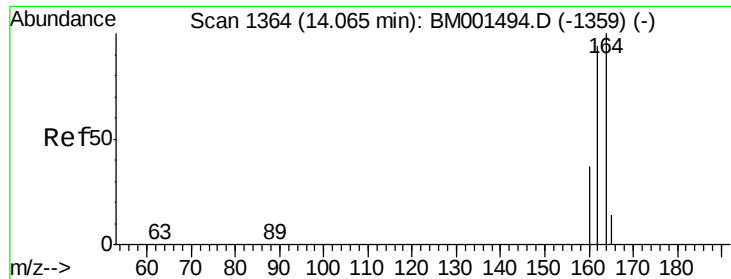
Delta R.T. -0.00 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Tgt Ion:	93	Resp:	1448
Ion Ratio	Lower	Upper	
93	100		
95	33.6	25.0	37.6
123	14.3	9.5	14.3#





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.06 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BM001496.D

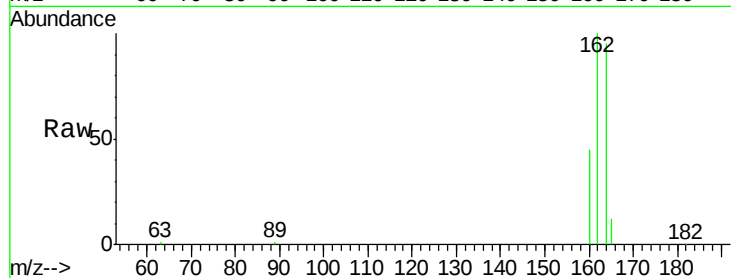
Acq: 31 May 2015 05:06

Instrument :

BNA_M

ClientSampleId :

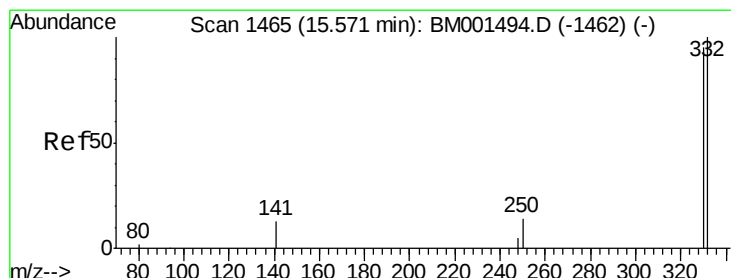
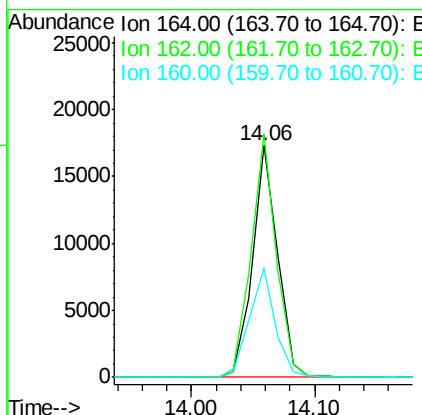
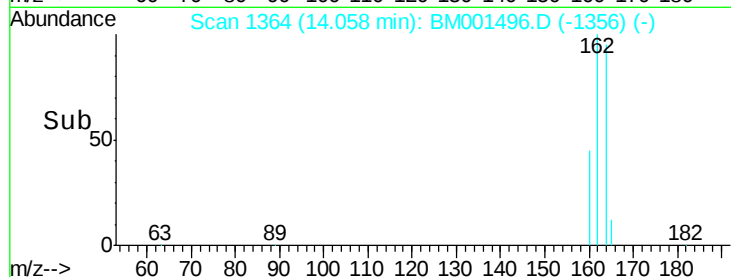
SSTDIC0.5



Tgt Ion:	164	Resp:	24320
Ion Ratio	Lower	Upper	
164	100		
162	105.0	75.3	112.9
160	47.0	30.1	45.1#

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#10

2,4,6-Tribromophenol

Concen: 0.55 ng

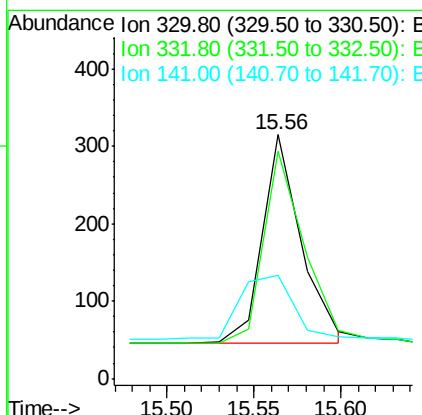
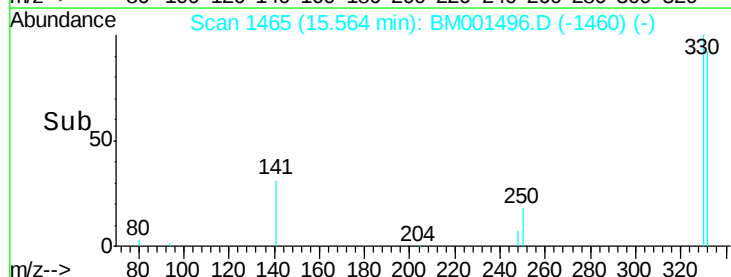
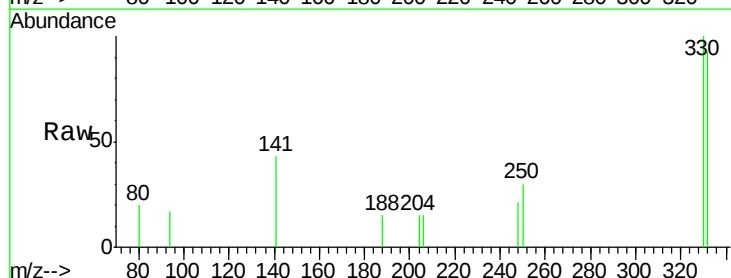
RT: 15.56 min Scan# 1465

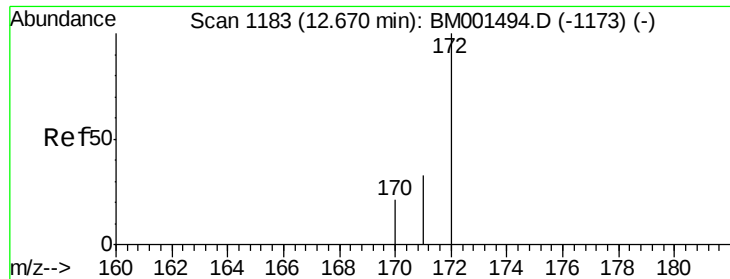
Delta R.T. -0.01 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Tgt Ion:	330	Resp:	417
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.6	116.4
141	42.9	34.3	51.5





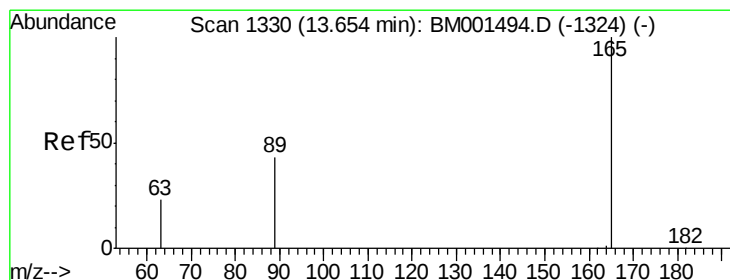
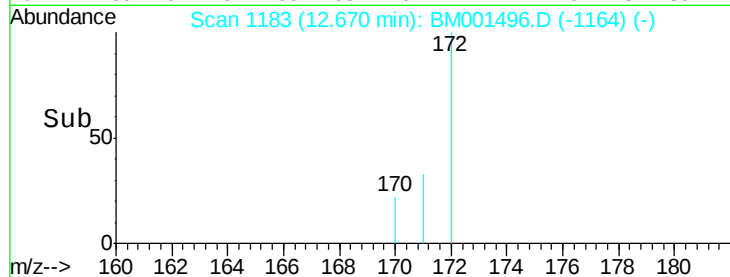
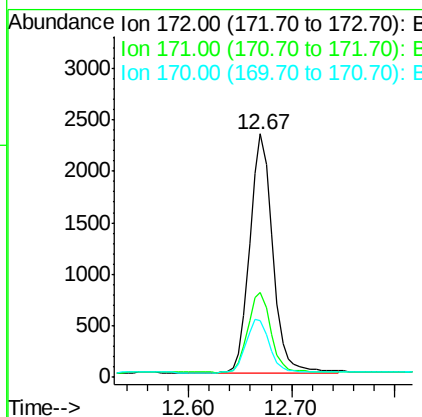
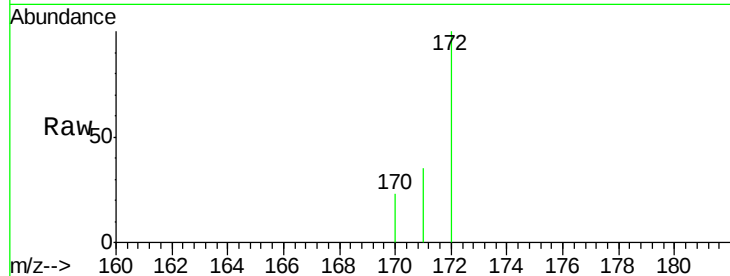
#11
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.2	40.8
170	23.4	17.8	26.6

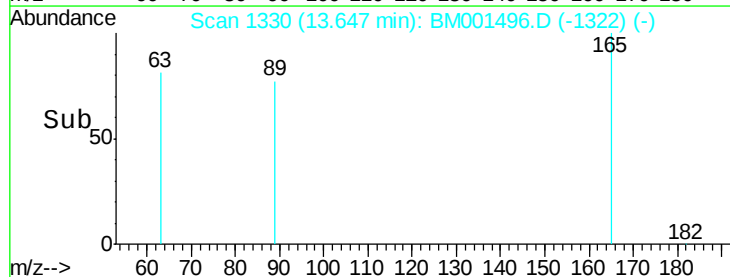
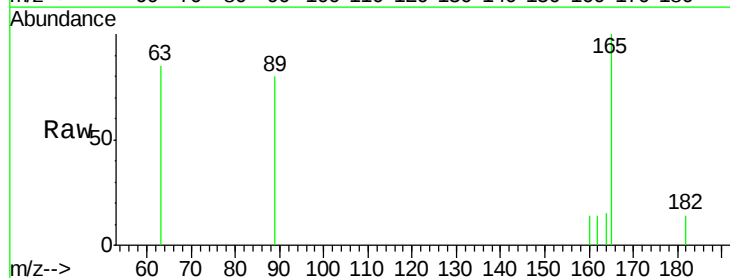
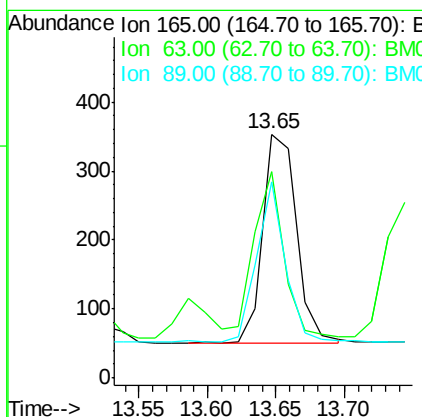
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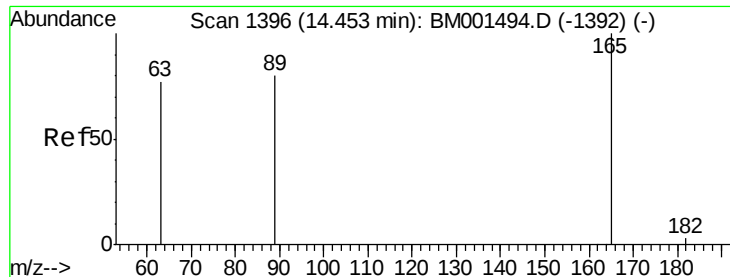
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#12
2,6-Dinitrotoluene
Concen: 0.49 ng
RT: 13.65 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	85.0	35.3	52.9#
89	80.5	37.4	56.2#





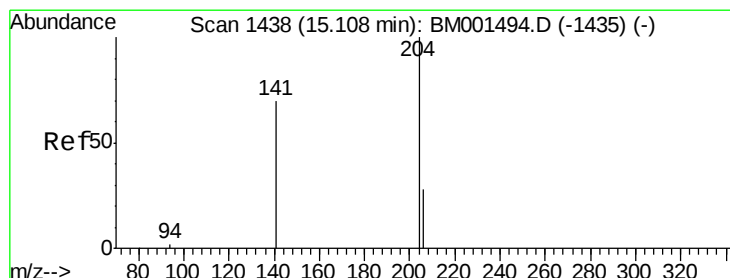
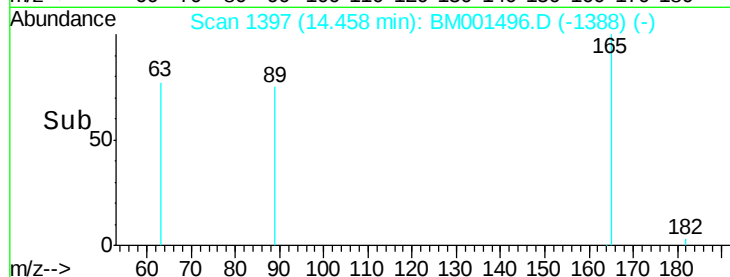
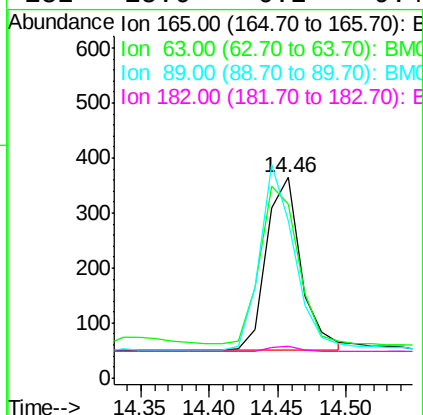
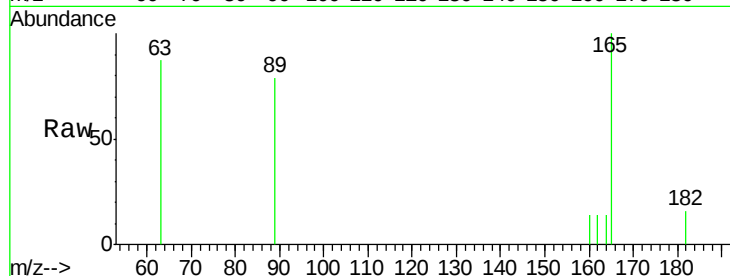
#13
 2,4-Dinitrotoluene
 Concen: 0.46 ng
 RT: 14.46 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BM001496.D
 Acq: 31 May 2015 05:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	86.6	63.9	95.9
89	78.6	65.0	97.6
182	15.6	6.2	9.4#

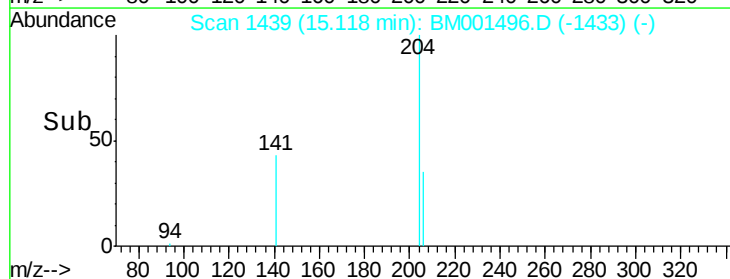
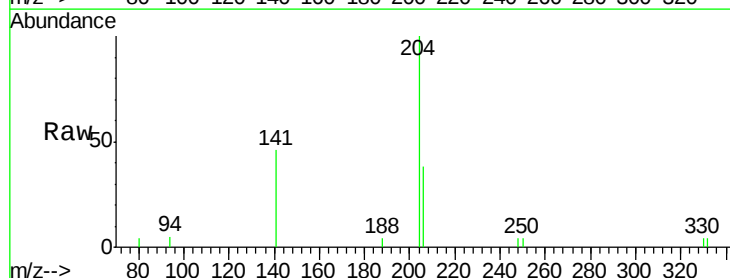
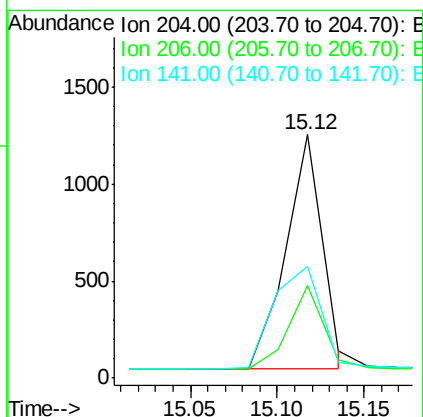
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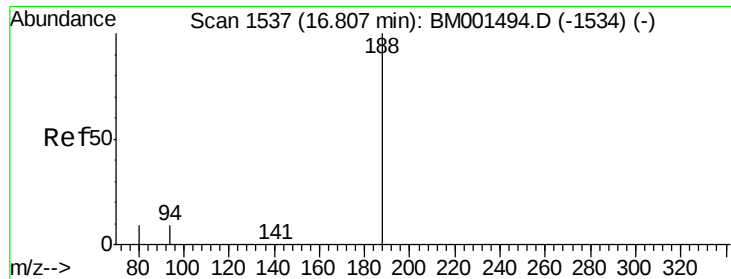
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#14
 4-Chlorophenyl-phenylether
 Concen: 0.48 ng
 RT: 15.12 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BM001496.D
 Acq: 31 May 2015 05:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.8	23.8	35.6#
141	45.9	56.6	85.0#





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.80 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Instrument :

BNA_M

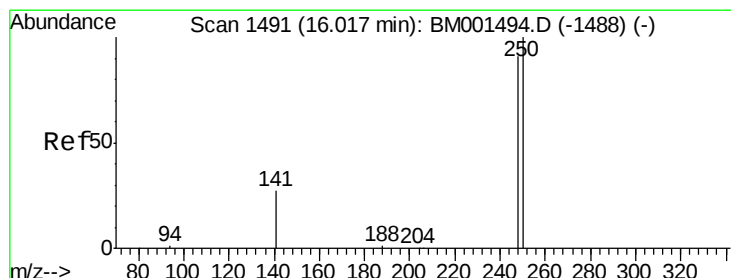
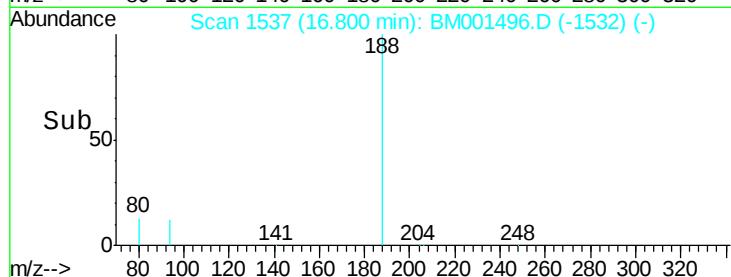
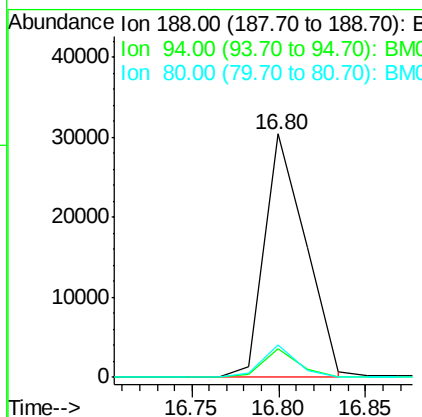
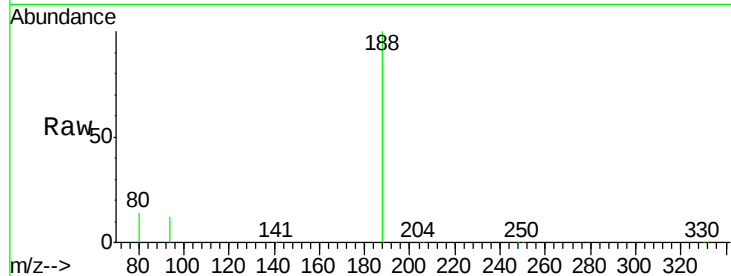
ClientSampleId :

SSTDIC0.5

Tgt Ion:	188	Resp:	49971
Ion Ratio	Lower	Upper	
188	100		
94	11.7	7.1	10.7#
80	13.5	7.3	10.9#

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#16

4-Bromophenyl-phenylether

Concen: 0.52 ng

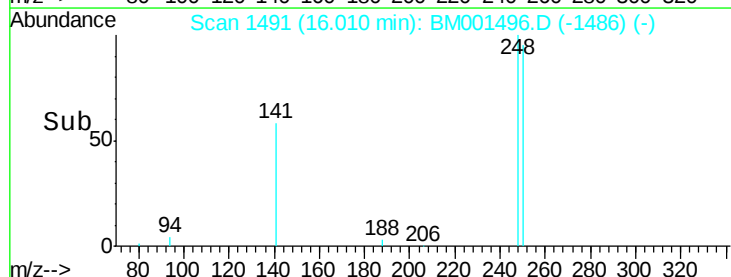
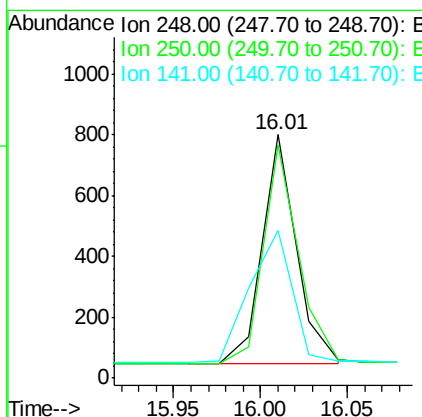
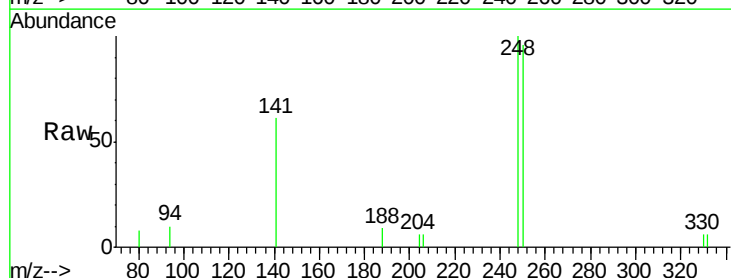
RT: 16.01 min Scan# 1491

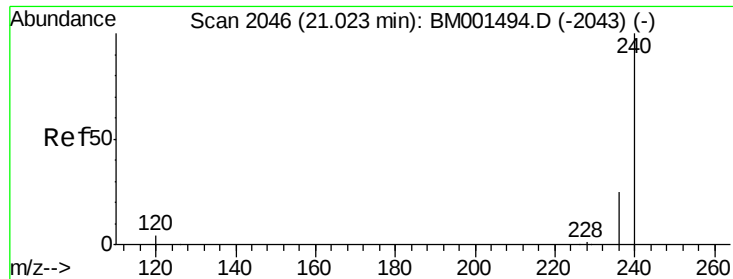
Delta R.T. -0.01 min

Lab File: BM001496.D

Acq: 31 May 2015 05:06

Tgt Ion:	248	Resp:	1025
Ion Ratio	Lower	Upper	
248	100		
250	95.8	87.3	130.9
141	60.8	25.8	38.8#





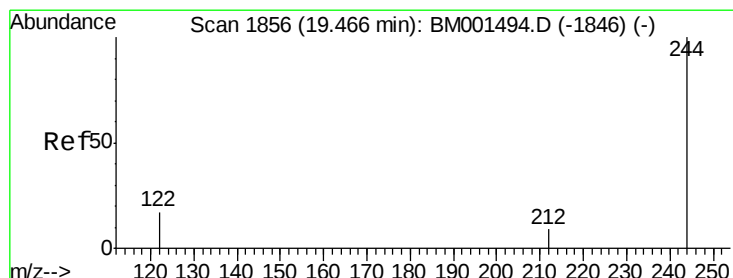
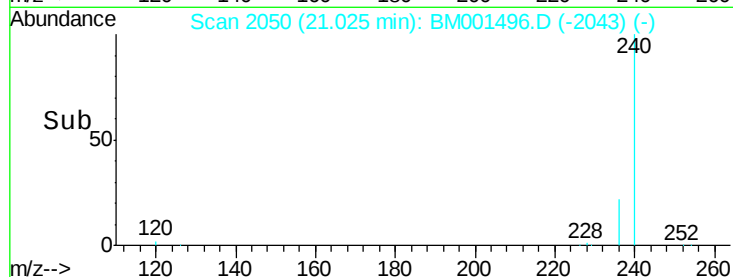
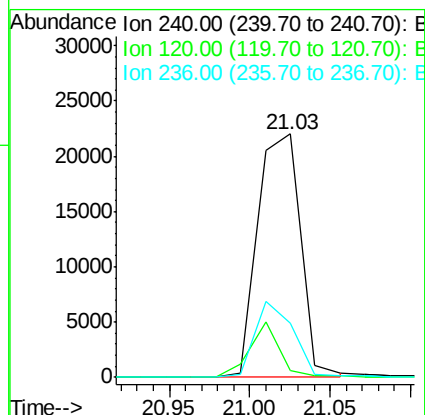
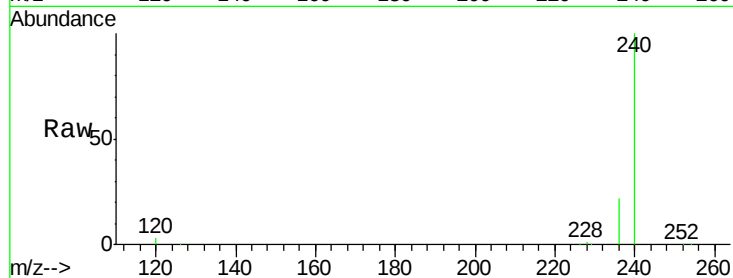
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
240	100		
120	2.6	3.7	5.5#
236	22.4	19.8	29.8

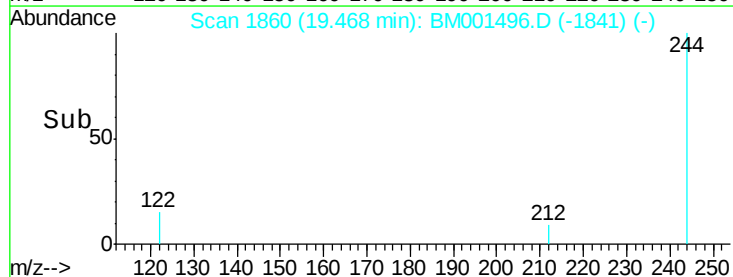
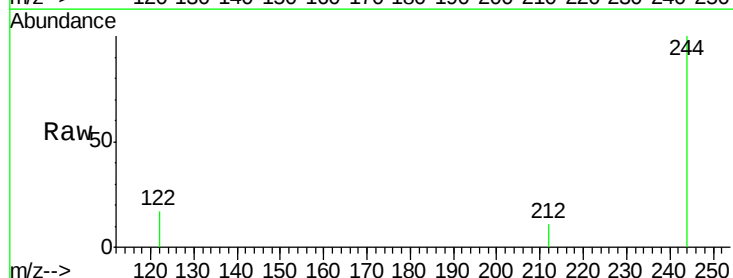
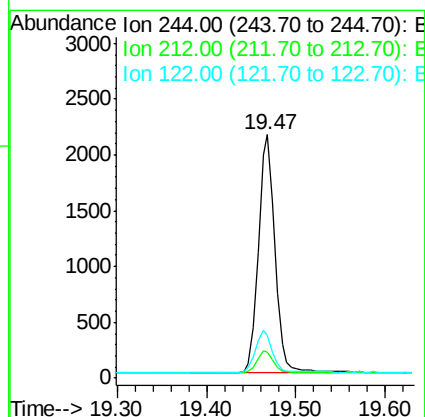
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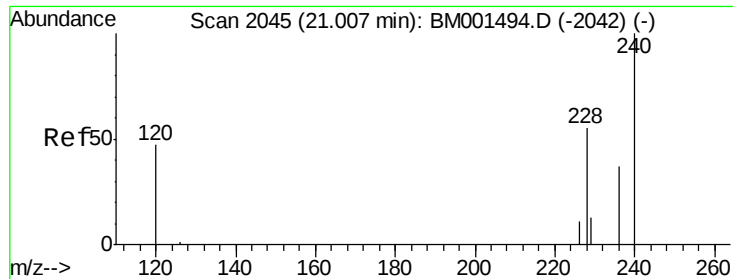
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#18
Terphenyl-d14
Concen: 0.54 ng
RT: 19.47 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.0	12.0
122	17.5	14.1	21.1





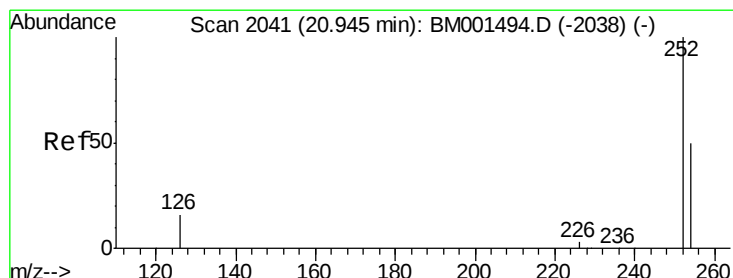
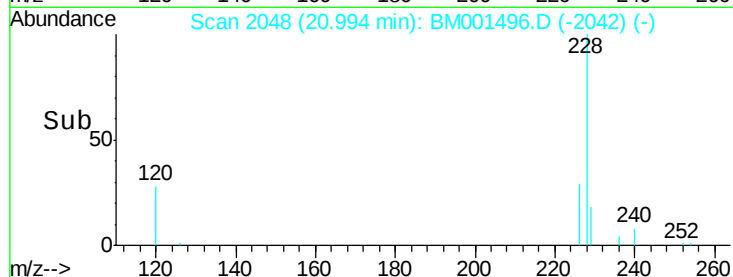
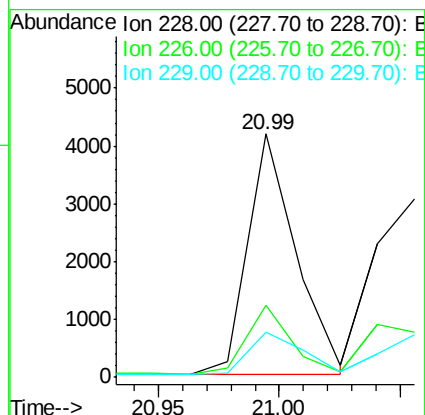
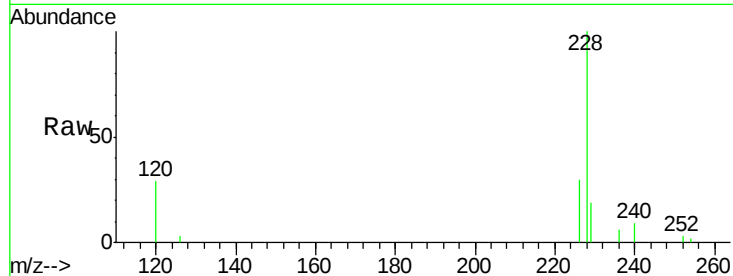
#19
Benzo(a)anthracene
Concen: 2.22 ng
RT: 20.99 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	17.5	26.3#
229	18.7	19.0	28.4#

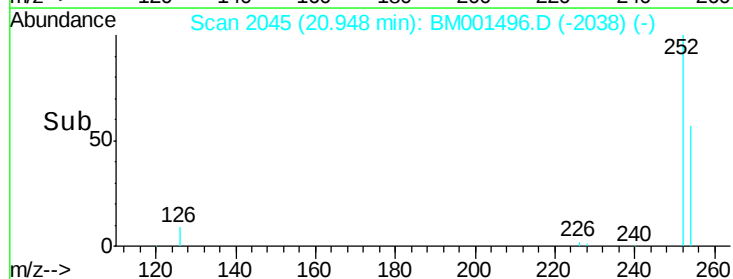
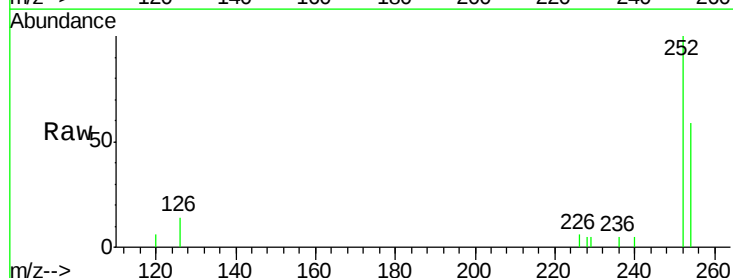
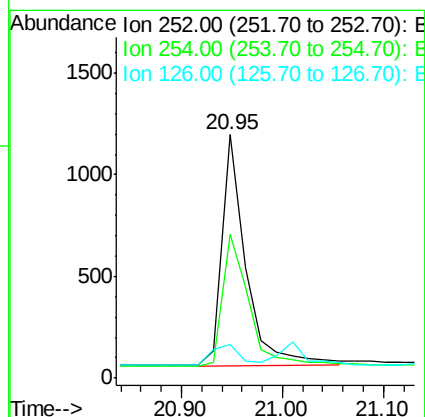
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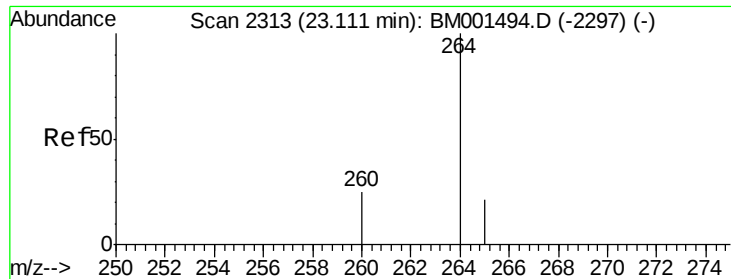
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#20
3,3'-Dichlorobenzidine
Concen: 0.69 ng m
RT: 20.95 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.2	41.2	61.8
126	14.0	14.7	22.1#





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM001496.D
Acq: 31 May 2015 05:06

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	22.5	18.0	27.0

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