

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001495.D
 Acq On : 31 May 2015 04:30
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Manual Integrations
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Quant Time: May 31 05:20:39 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	13661	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	51919	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	26726	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	51735	5.00	ng	0.00
17) Chrysene-d12	21.01	240	42099	5.00	ng	-0.01
21) Perylene-d12	23.11	264	37137	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.97	112	2190	0.97	ng	0.00
3) Phenol-d6	6.57	99	2915	1.20	ng	0.00
7) Nitrobenzene-d5	8.53	82	2228	0.79	ng	0.00
10) 2,4,6-Tribromophenol	15.56	330	727	0.88	ng	-0.01
11) 2-Fluorobiphenyl	12.67	172	6381	0.85	ng	0.00
18) Terphenyl-d14	19.46	244	4577	0.87	ng	0.00
Target Compounds						Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	2304	0.91	ng	98
5) n-Nitroso-di-n-propylamine	8.18	70	1717	1.14	ng	99
8) bis(2-Chloroethoxy)methane	9.58	93	2708	0.96	ng	99
12) 2,6-Dinitrotoluene	13.65	165	959	0.84	ng	# 55
13) 2,4-Dinitrotoluene	14.45	165	1053	0.80	ng	# 82
14) 4-Chlorophenyl-phenylether	15.11	204	3263m	0.81	ng	
16) 4-Bromophenyl-phenylether	16.01	248	1764	0.87	ng	# 62
19) Benzo(a)anthracene	21.00	228	9292	3.51	ng	# 87
20) 3,3'-Dichlorobenzidine	20.95	252	3126m	1.12	ng	

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

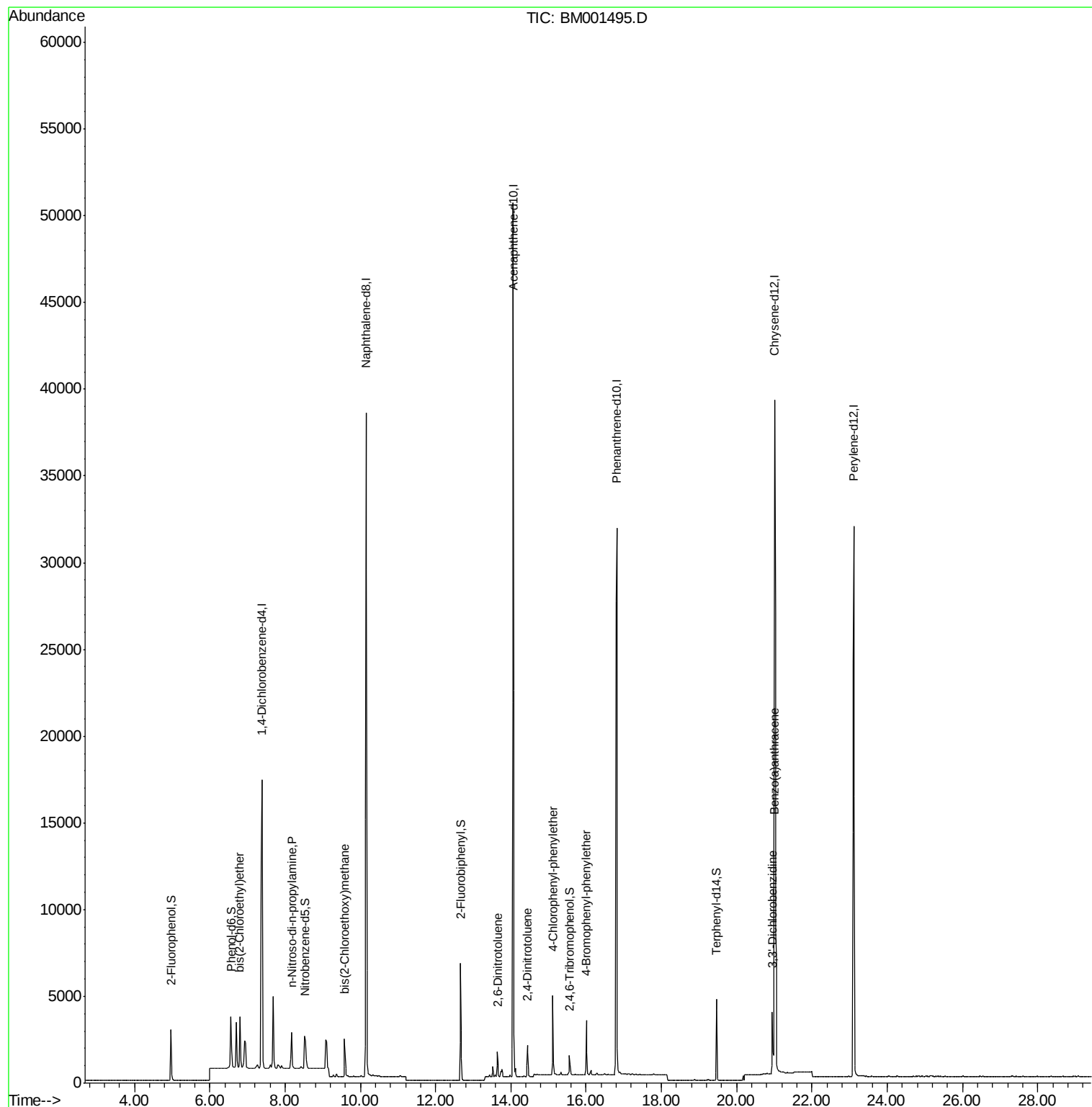
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
Data File : BM001495.D
Acq On : 31 May 2015 04:30
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 24 Sample Multiplier: 1

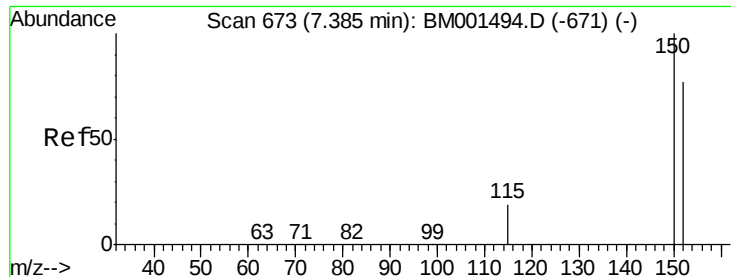
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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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: BM001495.D

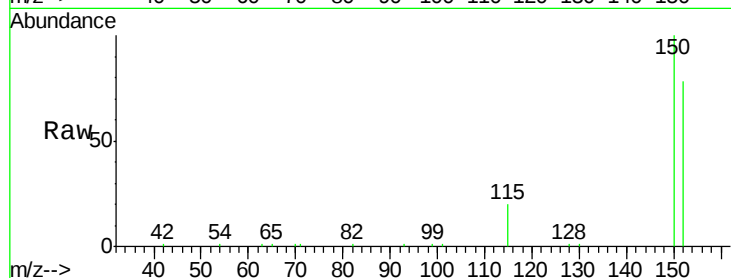
Acq: 31 May 2015 04:30

Instrument :

BNA_M

ClientSampleId :

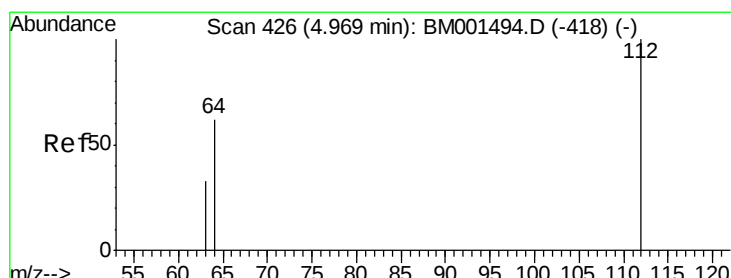
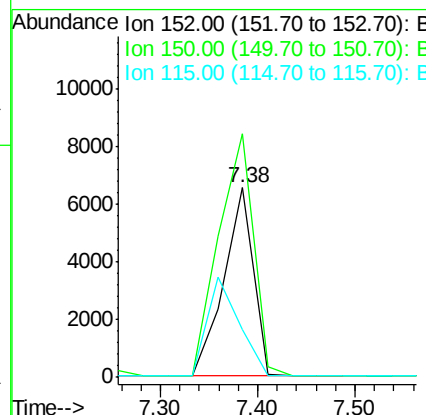
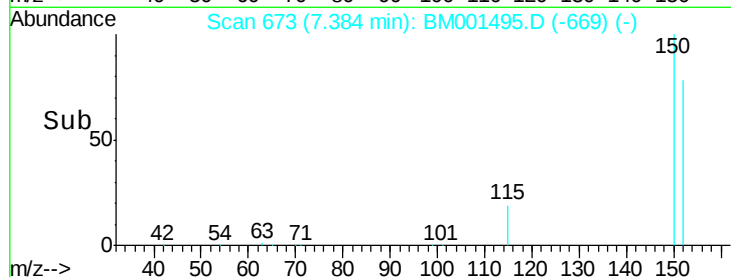
SSTDICC0.8



Tgt Ion:	152	Resp:	13661
Ion Ratio	Lower	Upper	
152	100		
150	128.4	103.8	155.8
115	25.3	20.7	31.1

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#2

2-Fluorophenol

Concen: 0.97 ng

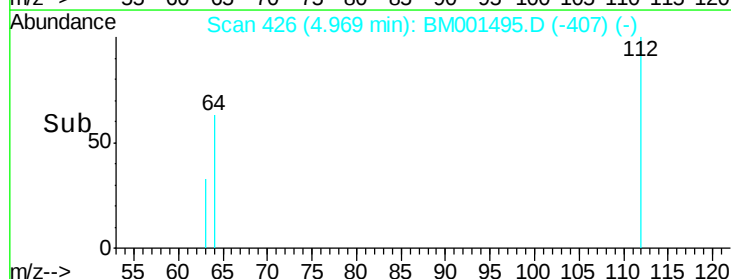
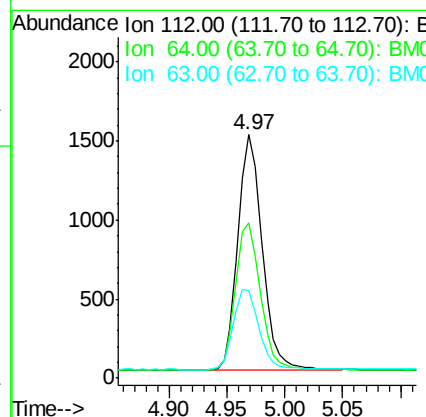
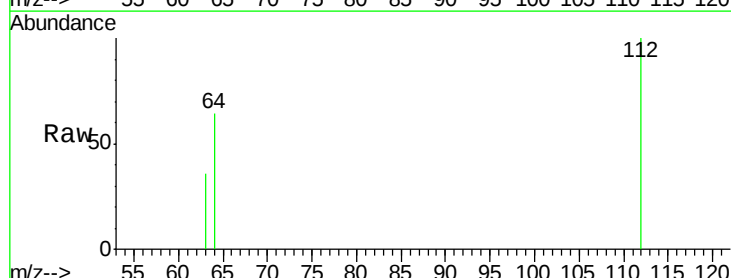
RT: 4.97 min Scan# 426

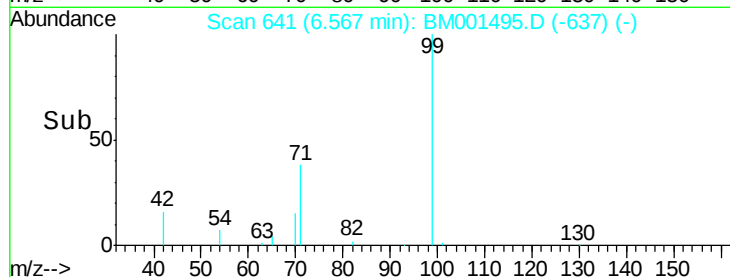
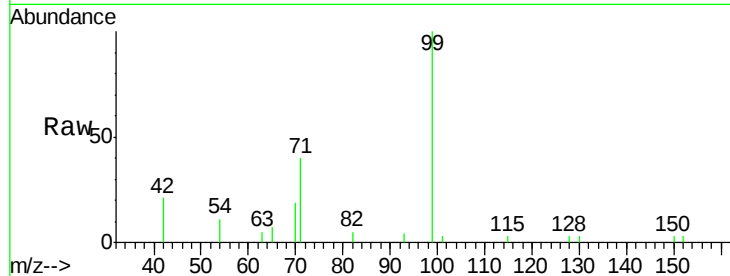
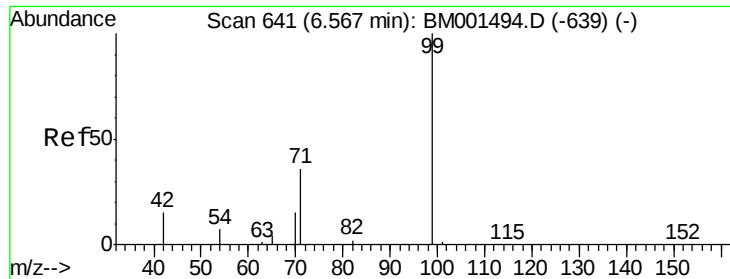
Delta R.T. -0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Tgt Ion:	112	Resp:	2190
Ion Ratio	Lower	Upper	
112	100		
64	64.0	50.2	75.2
63	36.0	28.2	42.4





#3

Phenol-d6

Concen: 1.20 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Tgt Ion:	99	Resp:	2915
Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.2	22.8
71	39.8	30.6	46.0

Instrument :

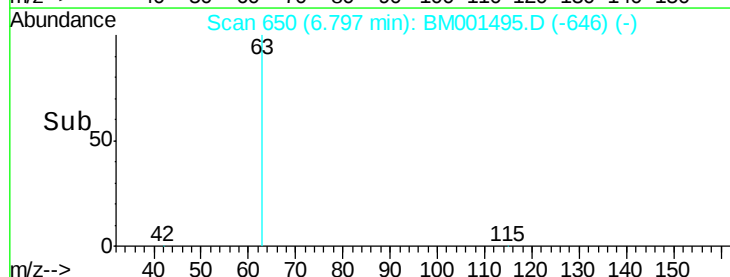
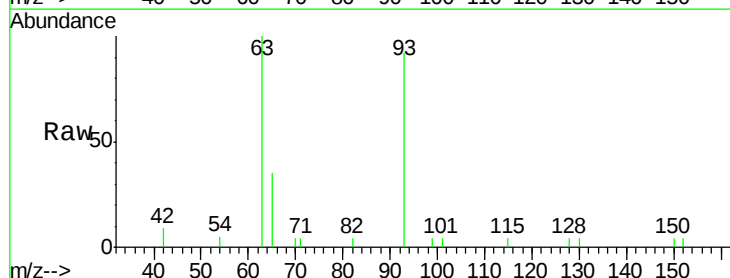
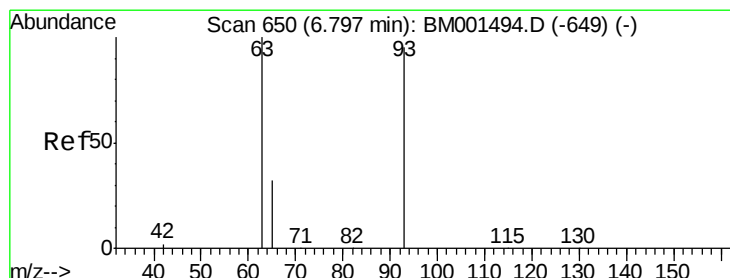
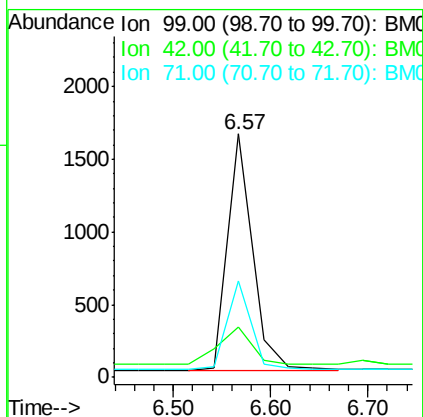
BNA_M

ClientSampleId :

SSTDICC0.8

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#4

bis(2-Chloroethyl)ether

Concen: 0.91 ng

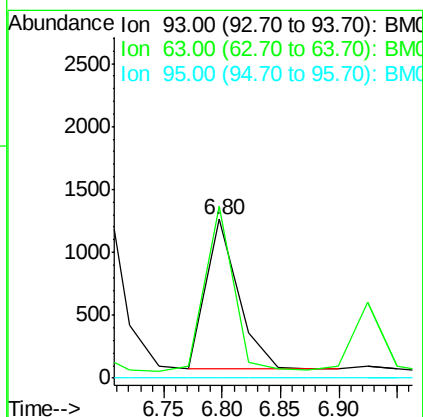
RT: 6.80 min Scan# 650

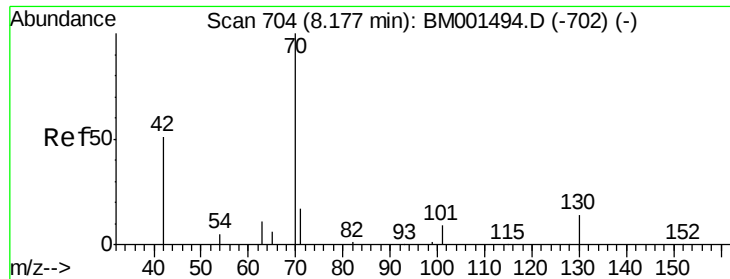
Delta R.T. -0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Tgt Ion:	93	Resp:	2304
Ion	Ratio	Lower	Upper
93	100		
63	108.7	86.8	126.8
95	0.0	0.0	20.0





#5

n-Nitroso-di-n-propylamine

Concen: 1.14 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001495.D

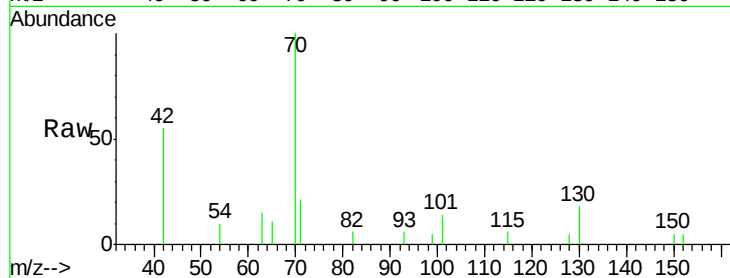
Acq: 31 May 2015 04:30

Instrument :

BNA_M

ClientSampleId :

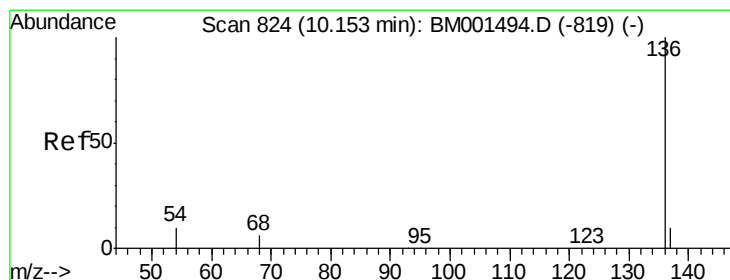
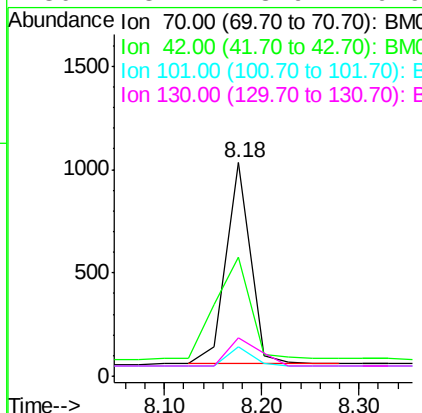
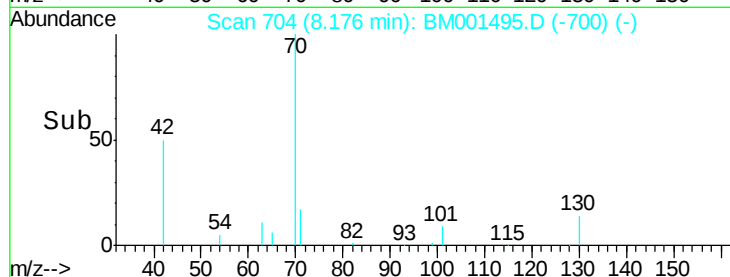
SSTDICC0.8



Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.5	44.2	66.2
101	13.6	10.3	15.5
130	18.1	13.9	20.9

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#6

Naphthalene-d8

Concen: 5.00 ng

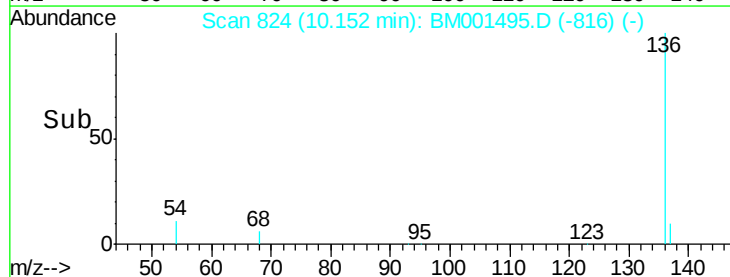
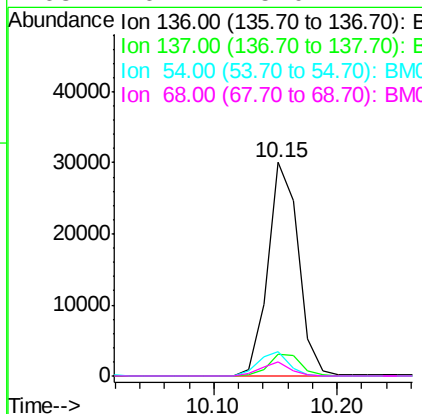
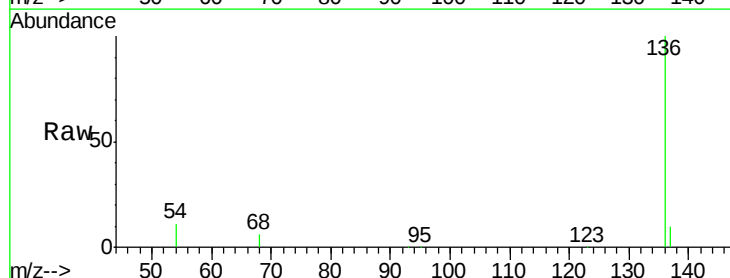
RT: 10.15 min Scan# 824

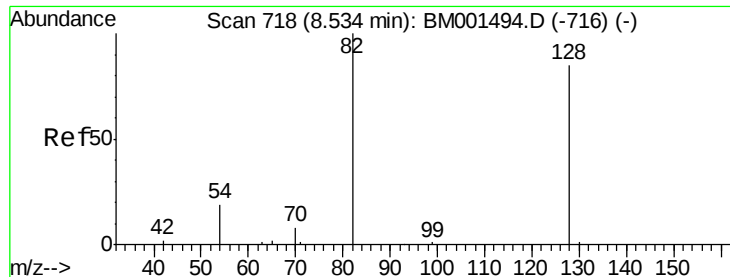
Delta R.T. -0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	11.1	8.5	12.7
68	6.4	5.0	7.4





#7

Nitrobenzene-d5

Concen: 0.79 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Instrument :

BNA_M

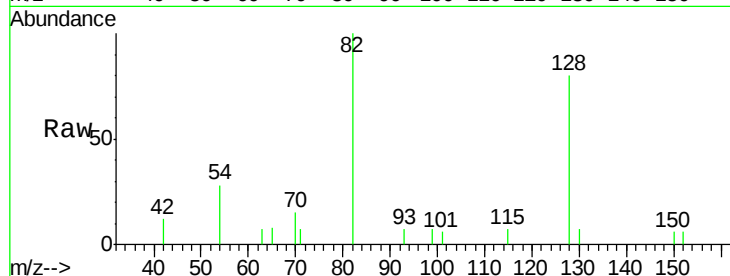
ClientSampleId :

SSTDICC0.8

Tgt Ion:	82	Resp:	2228
Ion	Ratio	Lower	Upper
82	100		
128	79.7	68.2	102.2
54	27.5	21.0	31.4

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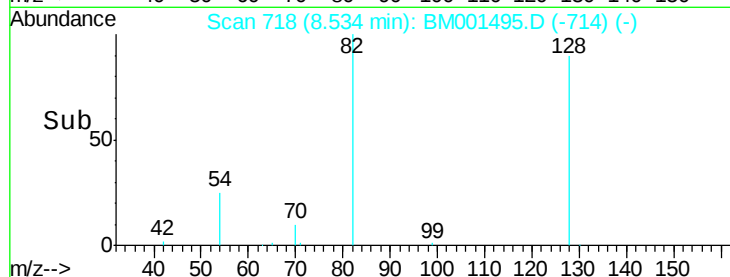
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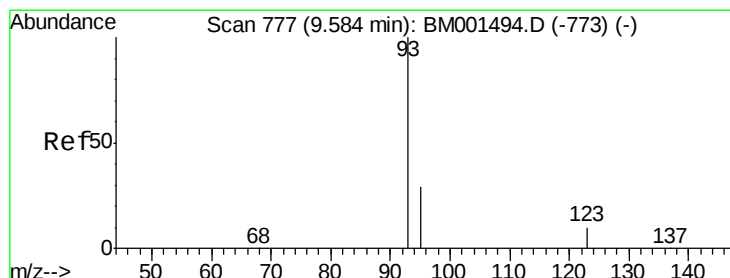
Abundance Ion 82.00 (81.70 to 82.70): BM001495.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BM001495.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001495.D (-714) (-)



Time-->



#8

bis(2-Chloroethoxy)methane

Concen: 0.96 ng

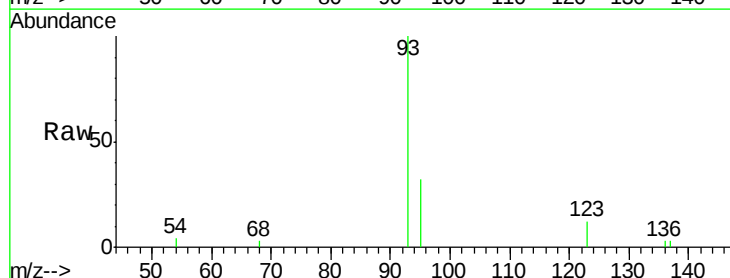
RT: 9.58 min Scan# 777

Delta R.T. -0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

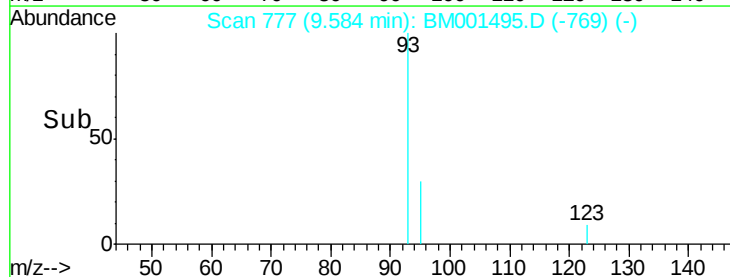
Tgt Ion:	93	Resp:	2708
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.6
123	12.4	9.5	14.3



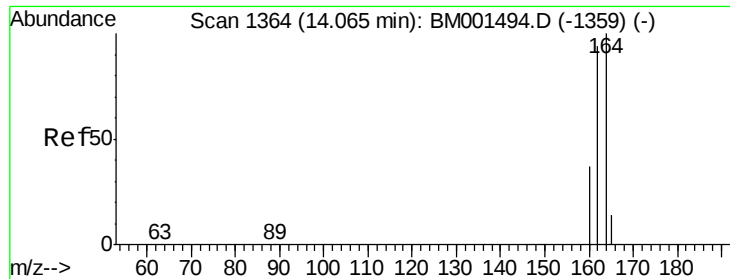
Abundance Ion 93.00 (92.70 to 93.70): BM001495.D (-769) (-)

Ion 95.00 (94.70 to 95.70): BM001495.D (-769) (-)

Ion 123.00 (122.70 to 123.70): BM001495.D (-769) (-)



Time-->



#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.06 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BM001495.D

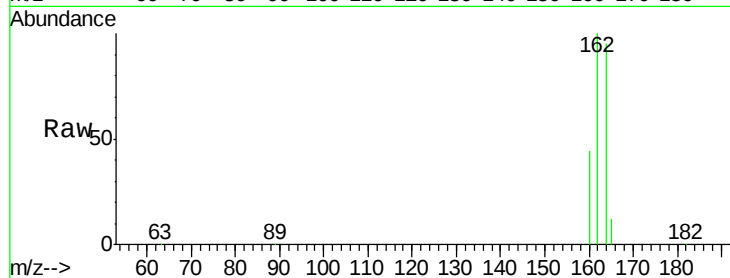
Acq: 31 May 2015 04:30

Instrument :

BNA_M

ClientSampleId :

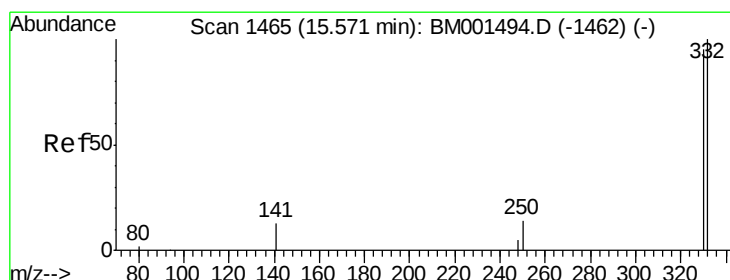
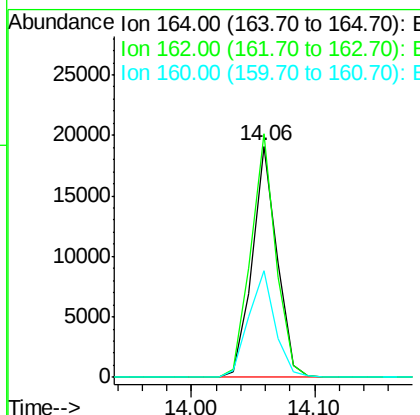
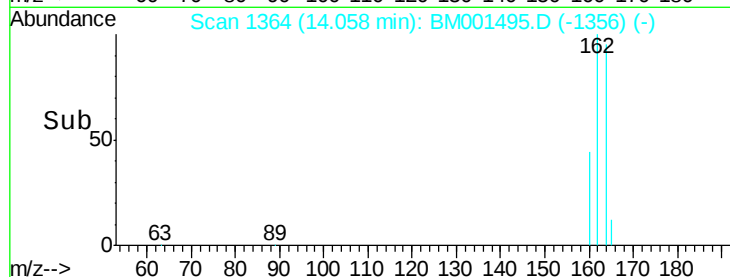
SSTDIC0.8



Tgt Ion:	164	Resp:	26726
Ion Ratio	Lower	Upper	
164	100		
162	105.2	75.3	112.9
160	46.1	30.1	45.1#

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#10

2,4,6-Tribromophenol

Concen: 0.88 ng

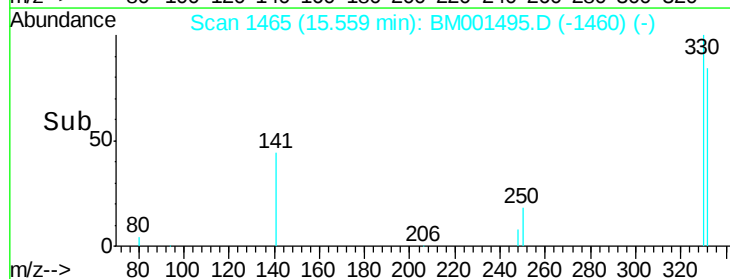
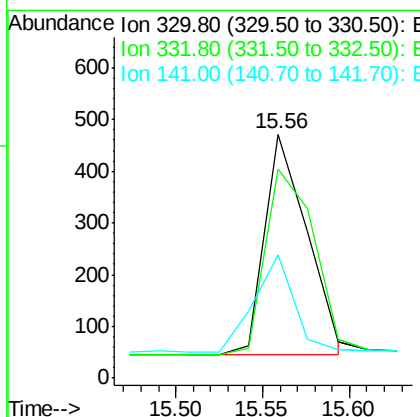
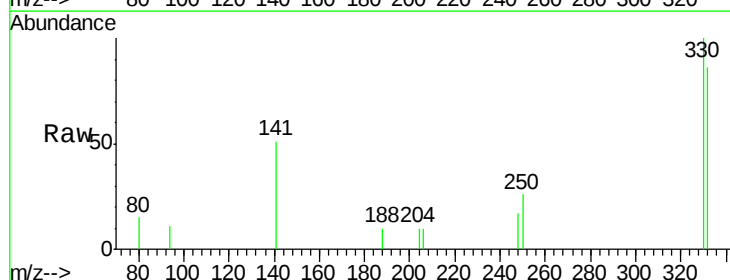
RT: 15.56 min Scan# 1465

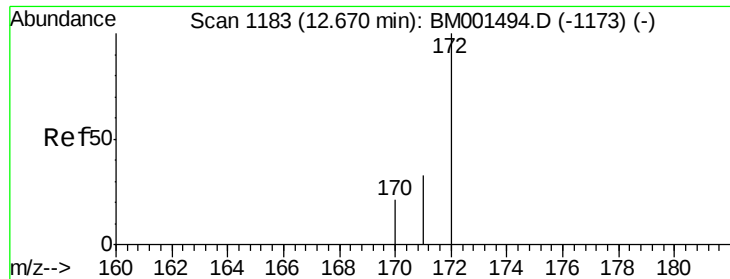
Delta R.T. -0.01 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Tgt Ion:	330	Resp:	727
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.6	116.4
141	42.0	34.3	51.5





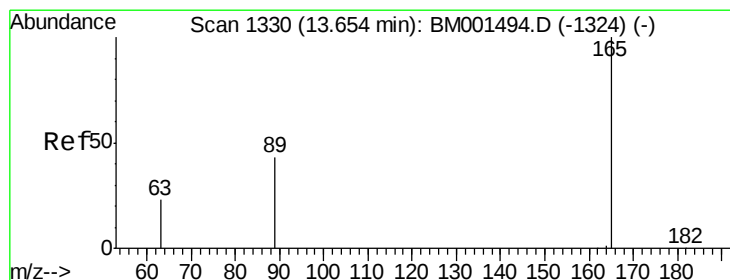
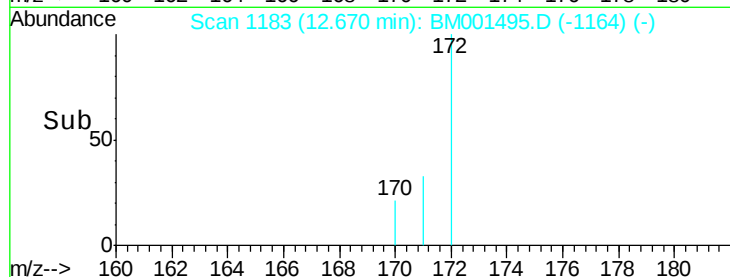
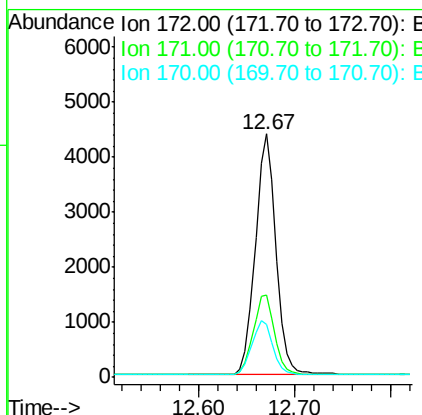
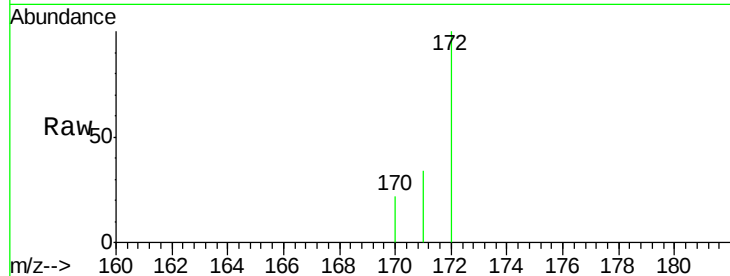
#11
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001495.D
Acq: 31 May 2015 04:30

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.2	40.8
170	21.6	17.8	26.6

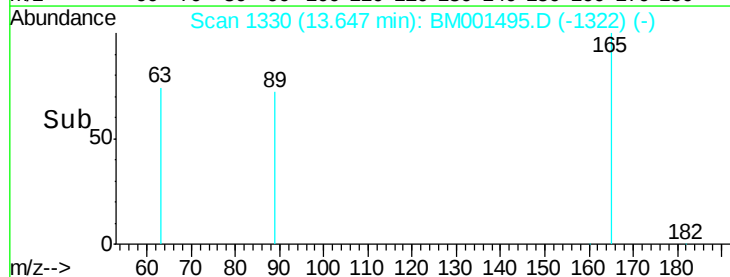
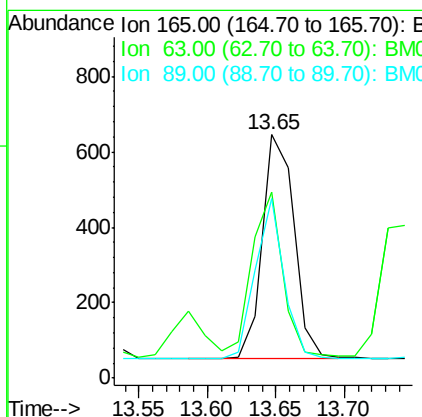
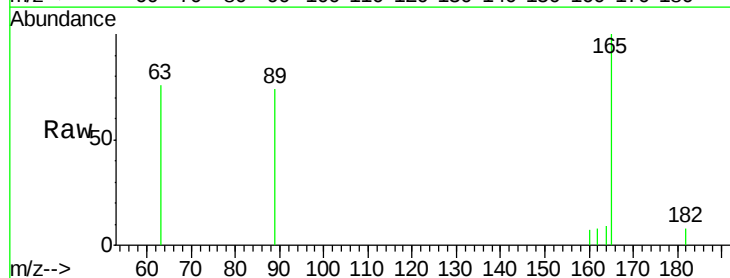
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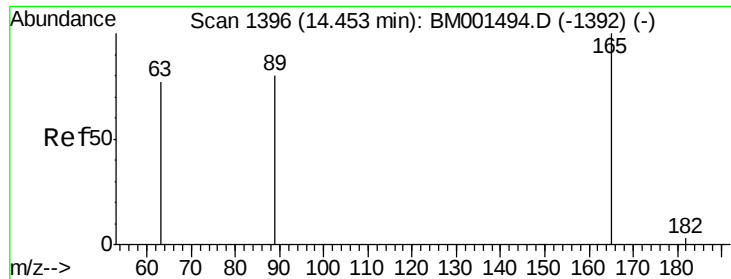
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#12
2,6-Dinitrotoluene
Concen: 0.84 ng
RT: 13.65 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BM001495.D
Acq: 31 May 2015 04:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.3	35.3	52.9#
89	73.8	37.4	56.2#





#13

2,4-Dinitrotoluene

Concen: 0.80 ng

RT: 14.45 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BM001495.D

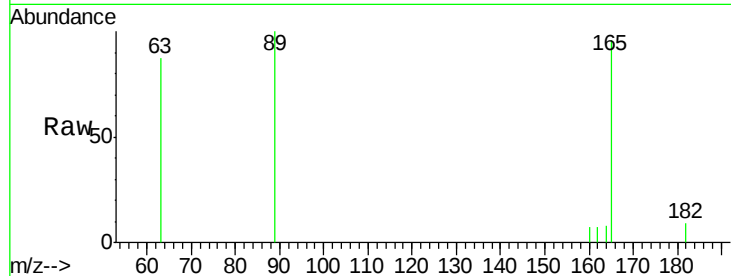
Acq: 31 May 2015 04:30

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8



Tgt Ion:165 Resp: 1053

Ion Ratio Lower Upper

165 100

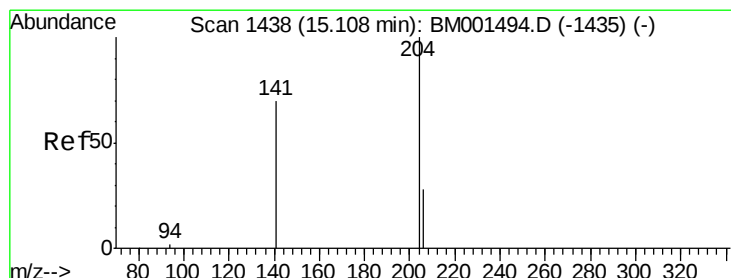
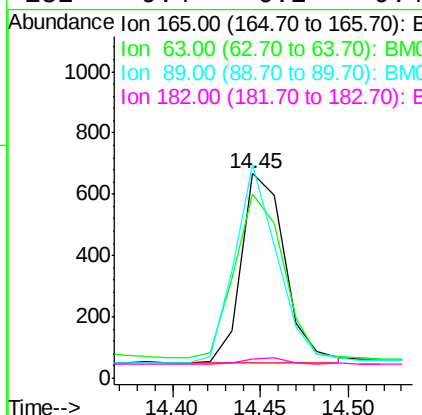
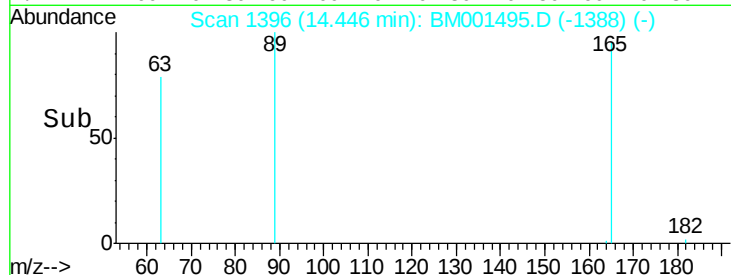
63 90.4 63.9 95.9

89 104.5 65.0 97.6#

182 9.4 6.2 9.4#

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#14

4-Chlorophenyl-phenylether

Concen: 0.81 ng m

RT: 15.11 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

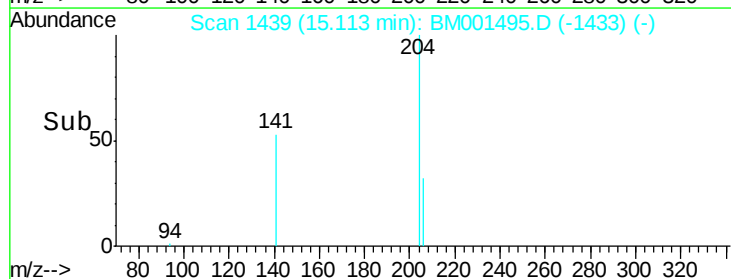
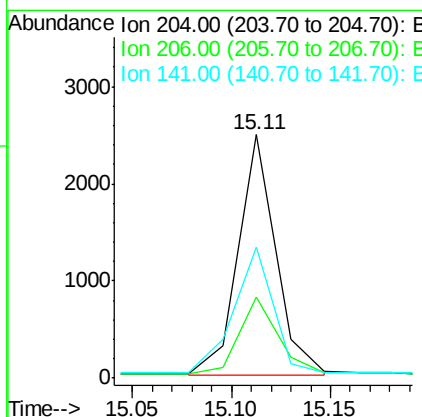
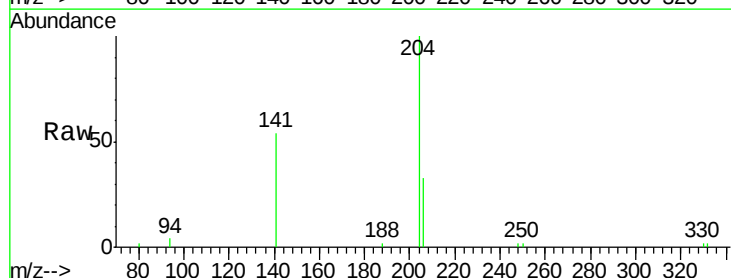
Tgt Ion:204 Resp: 3263

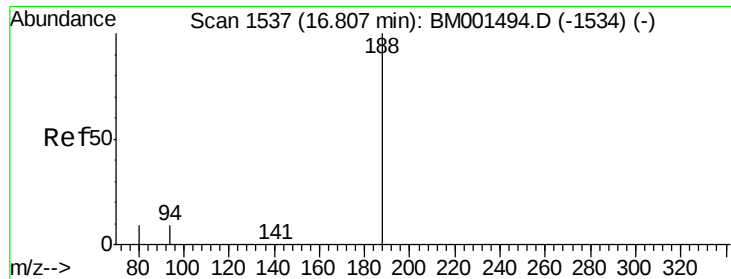
Ion Ratio Lower Upper

204 100

206 33.1 23.8 35.6

141 53.8 56.6 85.0#





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Instrument :

BNA_M

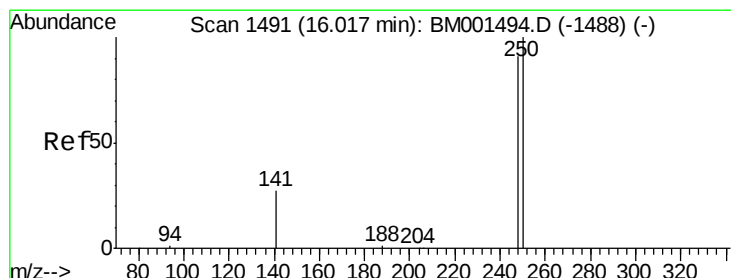
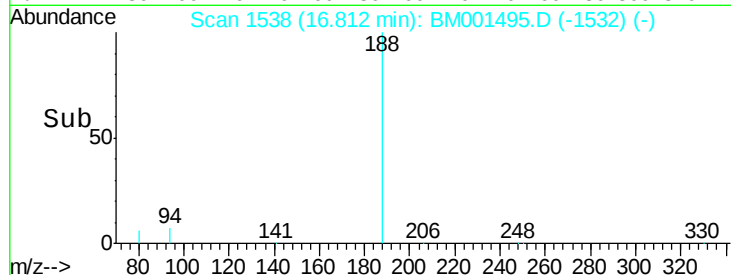
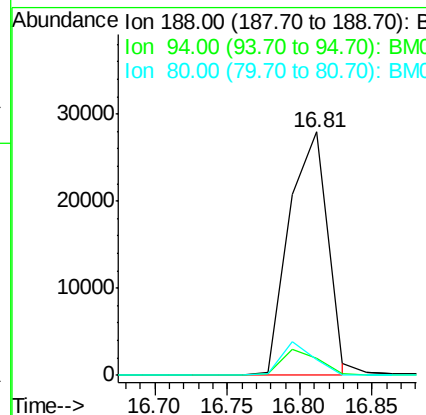
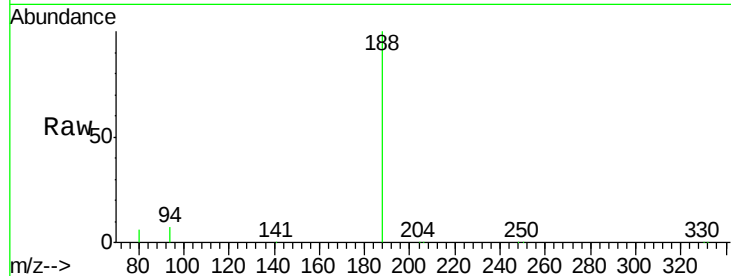
ClientSampleId :

SSTDIC0.8

Tgt Ion:	188	Resp:	51735
Ion Ratio	Lower	Upper	
188	100		
94	7.0	7.1	10.7#
80	6.3	7.3	10.9#

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#16

4-Bromophenyl-phenylether

Concen: 0.87 ng

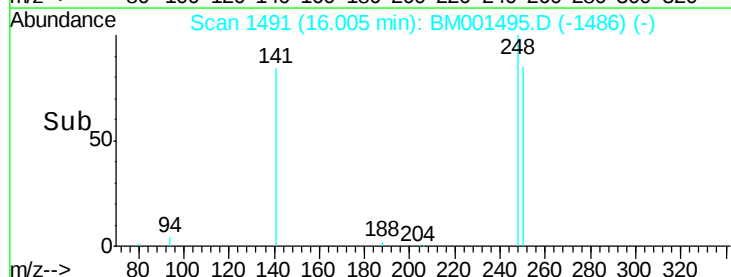
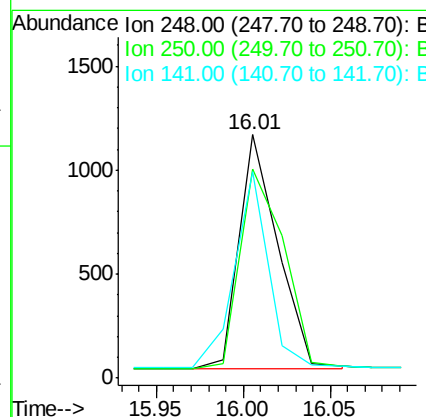
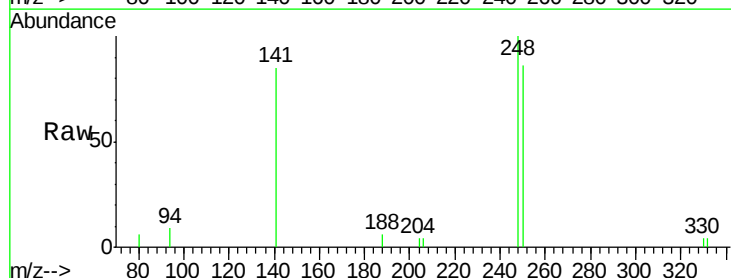
RT: 16.01 min Scan# 1491

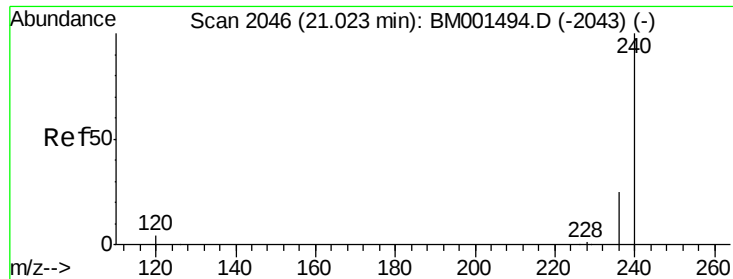
Delta R.T. -0.01 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Tgt Ion:	248	Resp:	1764
Ion Ratio	Lower	Upper	
248	100		
250	86.0	87.3	130.9#
141	84.8	25.8	38.8#





#17

Chrysene-d12

Concen: 5.00 ng

RT: 21.01 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BM001495.D

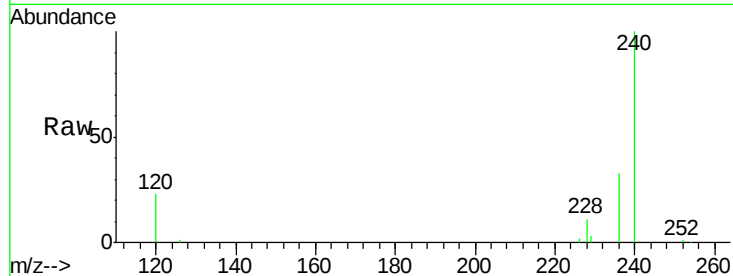
Acq: 31 May 2015 04:30

Instrument :

BNA_M

ClientSampleId :

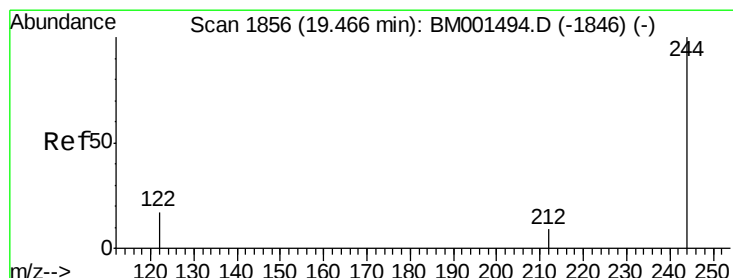
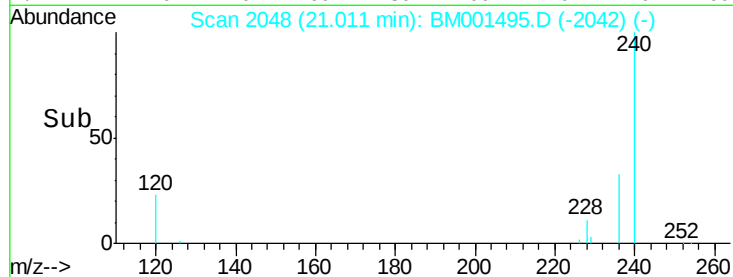
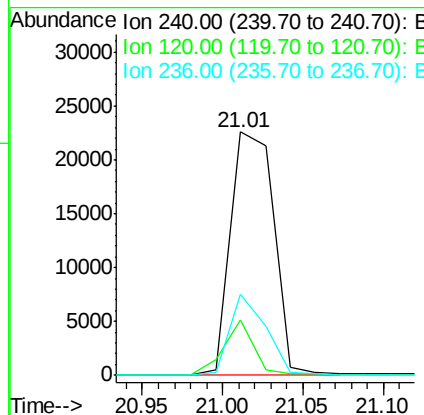
SSTDICC0.8



Tgt Ion:	240	Resp:	42099
Ion Ratio	Lower	Upper	
240	100		
120	23.0	3.7	5.5#
236	33.4	19.8	29.8#

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#18

Terphenyl-d14

Concen: 0.87 ng

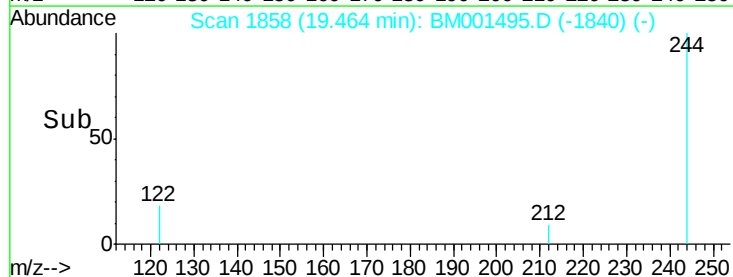
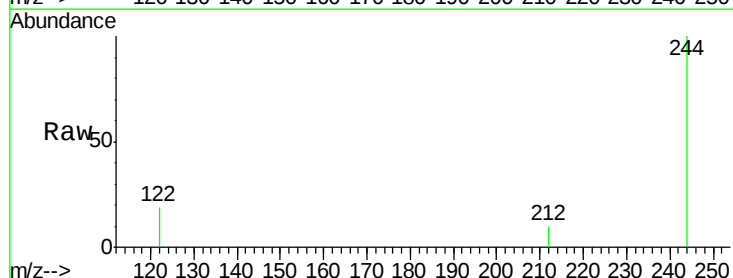
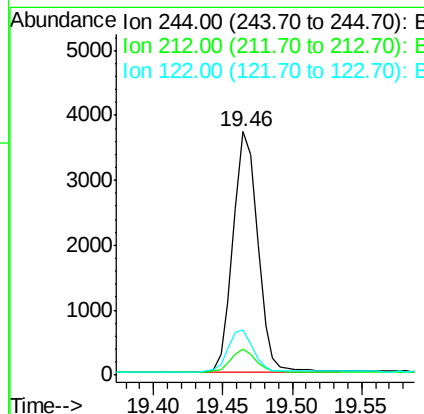
RT: 19.46 min Scan# 1858

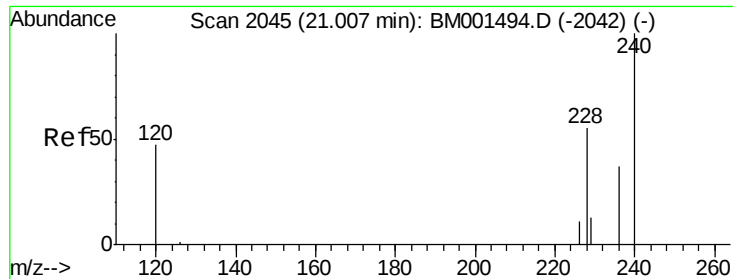
Delta R.T. -0.00 min

Lab File: BM001495.D

Acq: 31 May 2015 04:30

Tgt Ion:	244	Resp:	4577
Ion Ratio	Lower	Upper	
244	100		
212	10.5	8.0	12.0
122	18.8	14.1	21.1





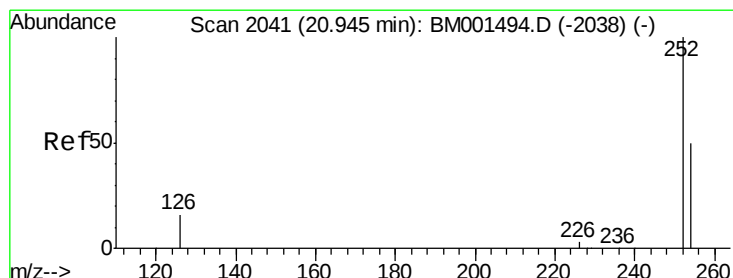
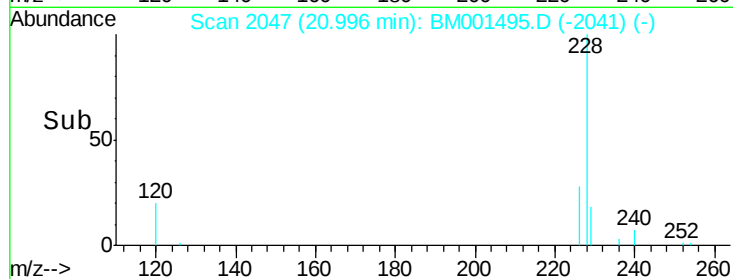
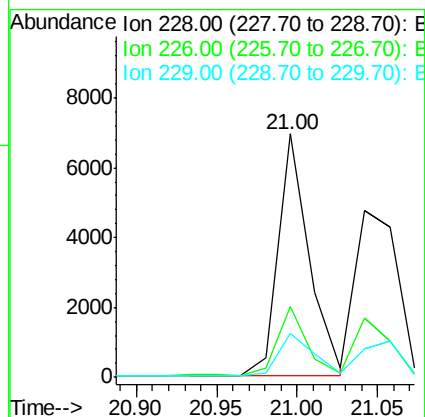
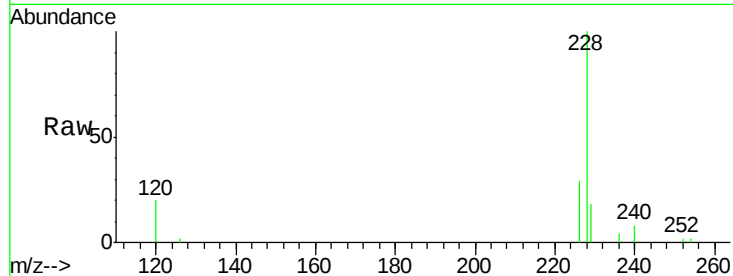
#19
Benzo(a)anthracene
Concen: 3.51 ng
RT: 21.00 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BM001495.D
Acq: 31 May 2015 04:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	9292		
226	28.8	17.5	26.3#	
229	18.2	19.0	28.4#	

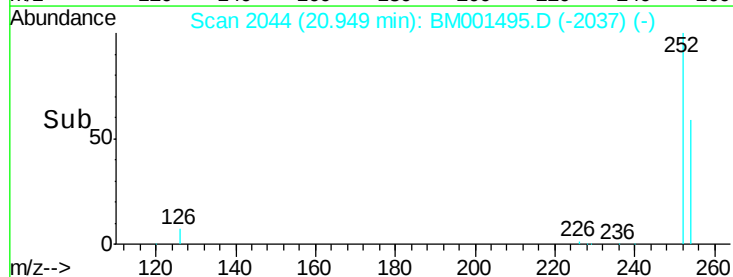
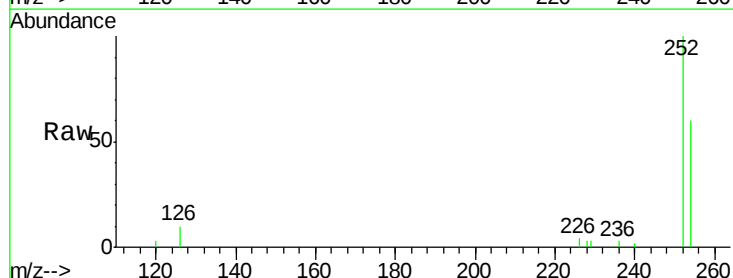
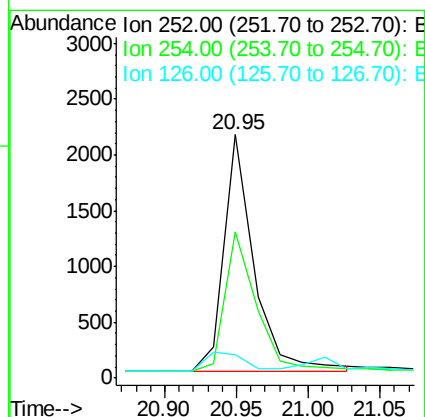
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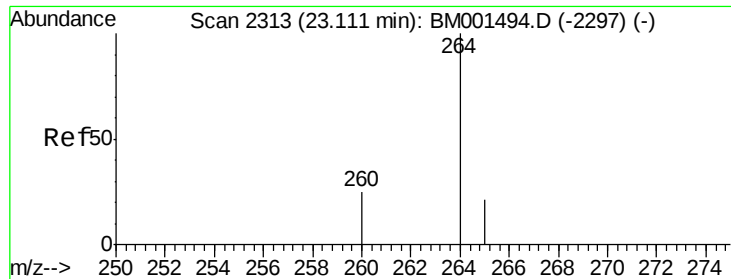
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#20
3,3'-Dichlorobenzidine
Concen: 1.12 ng m
RT: 20.95 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BM001495.D
Acq: 31 May 2015 04:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3126		
254	59.9	41.2	61.8	
126	9.7	14.7	22.1#	





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM001495.D
Acq: 31 May 2015 04:30

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.3	18.0	27.0

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