

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001497.D
 Acq On : 31 May 2015 05:42
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

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Quant Time: May 31 07:35:17 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	13497	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	49746	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	26260	5.00	ng	0.00
15) Phenanthrene-d10	16.80	188	51383	5.00	ng	0.00
17) Chrysene-d12	21.03	240	40285	5.00	ng	0.00
21) Perylene-d12	23.11	264	36085	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	528	0.24	ng	0.00
3) Phenol-d6	6.57	99	648	0.27	ng	0.00
7) Nitrobenzene-d5	8.53	82	524	0.19	ng	0.00
10) 2,4,6-Tribromophenol	15.56	330	163	0.20	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	1521	0.21	ng	0.00
18) Terphenyl-d14	19.47	244	1091	0.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	510	0.20	ng	# 78
5) n-Nitroso-di-n-propylamine	8.18	70	420	0.28	ng	# 72
8) bis(2-Chloroethoxy)methane	9.60	93	598	0.22	ng	# 74
12) 2,6-Dinitrotoluene	13.66	165	195	0.17	ng	# 83
13) 2,4-Dinitrotoluene	14.46	165	199	0.15	ng	# 78
14) 4-Chlorophenyl-phenylether	15.12	204	769m	0.19	ng	
16) 4-Bromophenyl-phenylether	16.01	248	429	0.21	ng	# 74
19) Benzo(a)anthracene	21.00	228	2346	0.93	ng	# 87
20) 3,3'-Dichlorobenzidine	20.95	252	660m	0.25	ng	

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

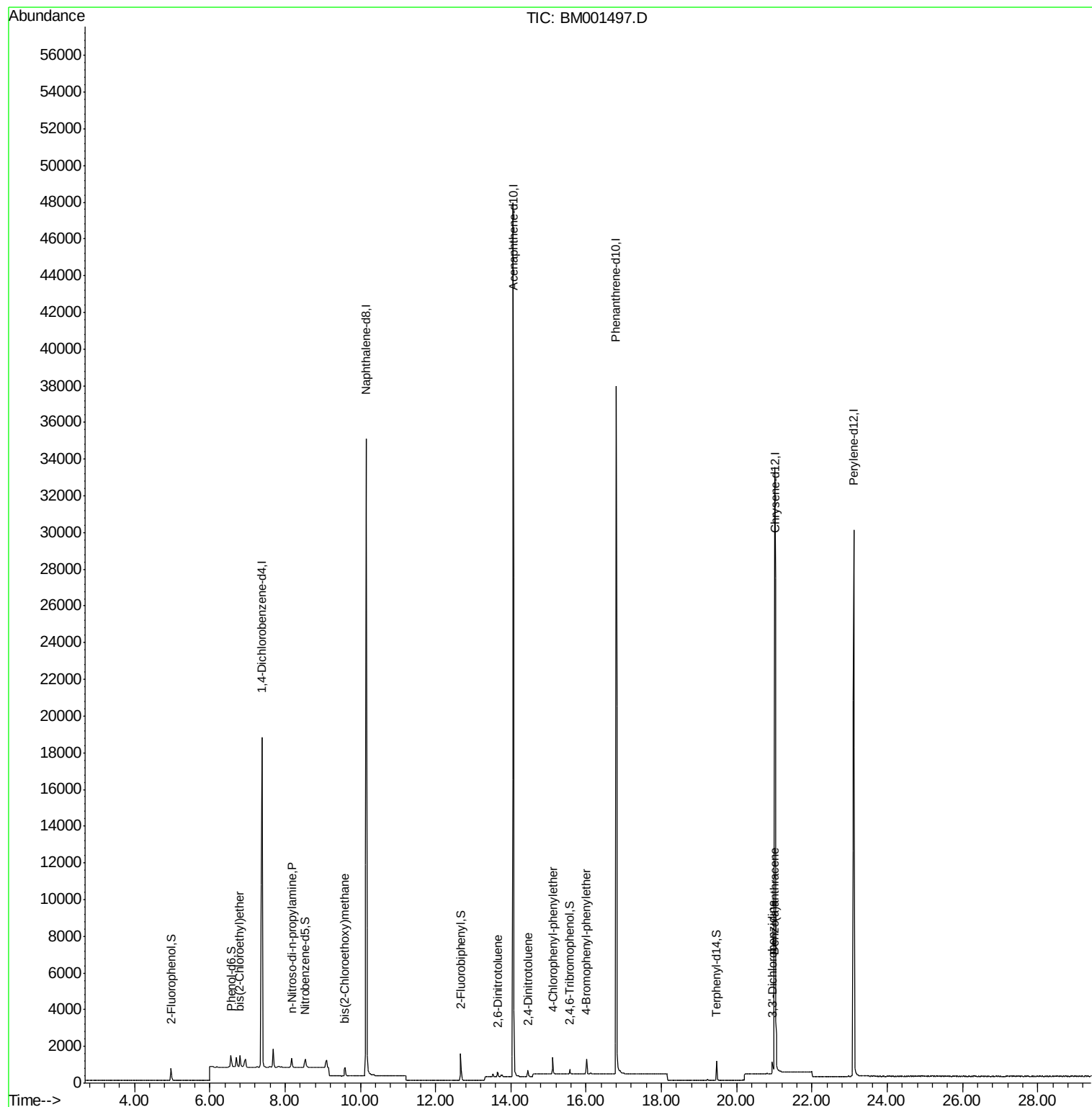
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
Data File : BM001497.D
Acq On : 31 May 2015 05:42
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 26 Sample Multiplier: 1

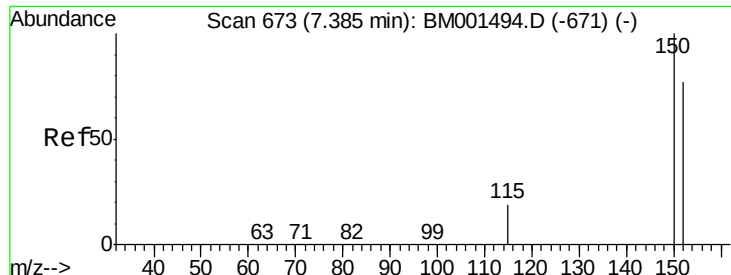
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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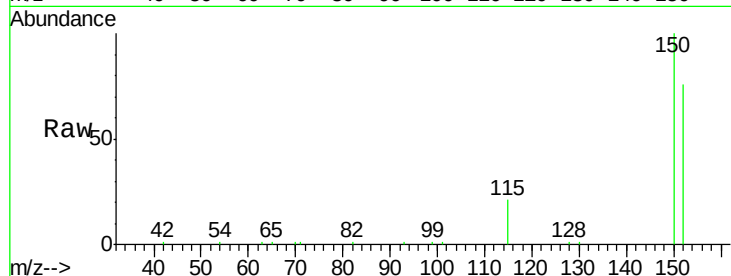




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

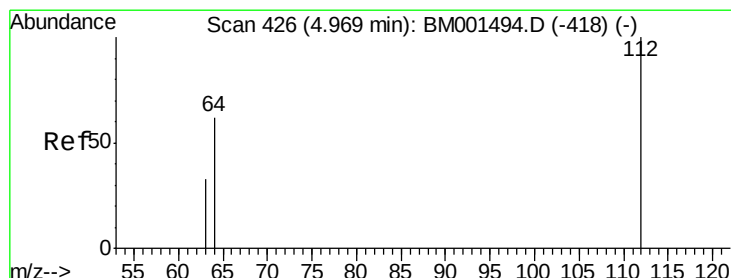
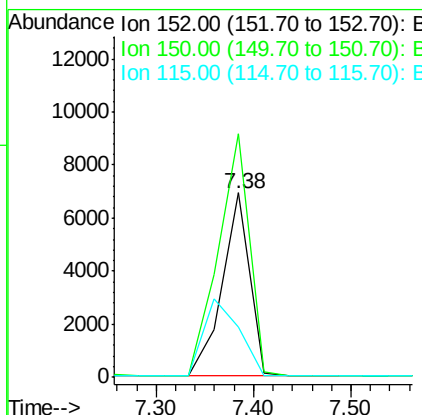
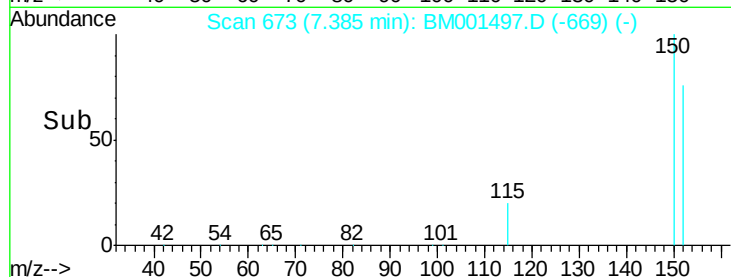
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2



Tgt Ion	Ratio	Lower	Upper
152	100		
150	131.9	103.8	155.8
115	27.2	20.7	31.1

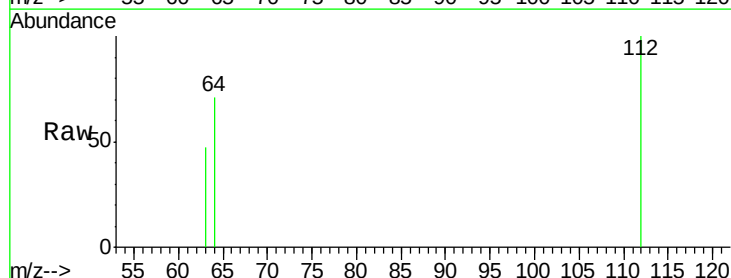
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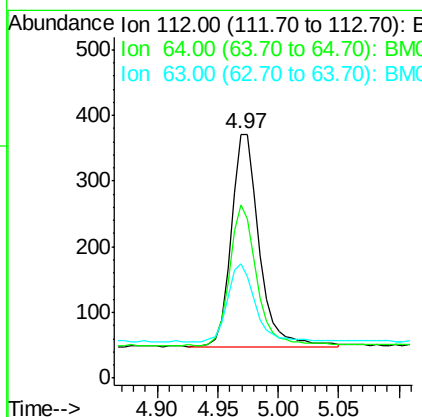
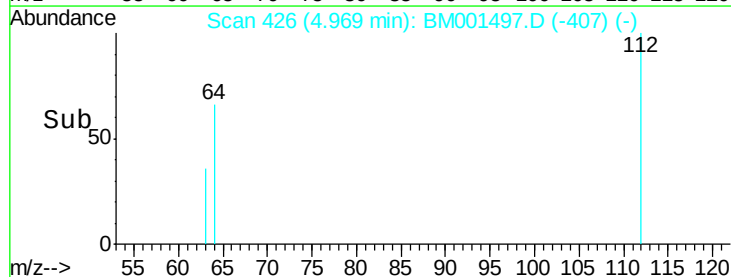


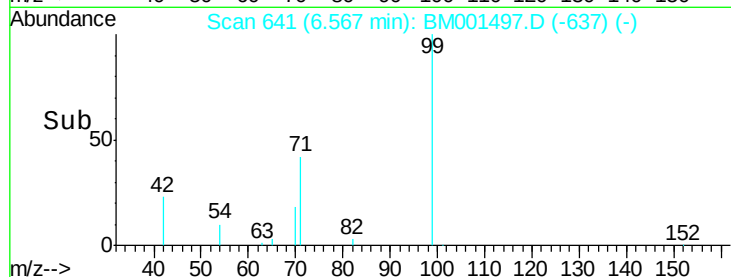
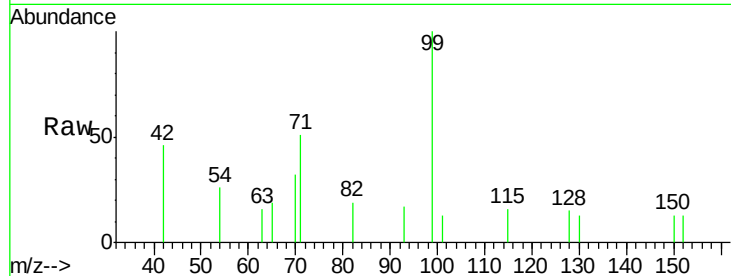
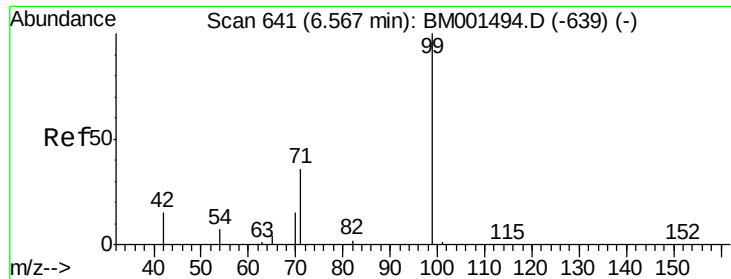
#2

2-Fluorophenol
Concen: 0.24 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42



Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	50.2	75.2
63	46.9	28.2	42.4





#3

Phenol-d6

Concen: 0.27 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

Tgt Ion:	99	Resp:	648
Ion	Ratio	Lower	Upper
99	100		
42	45.6	15.2	22.8#
71	51.1	30.6	46.0#

Instrument :

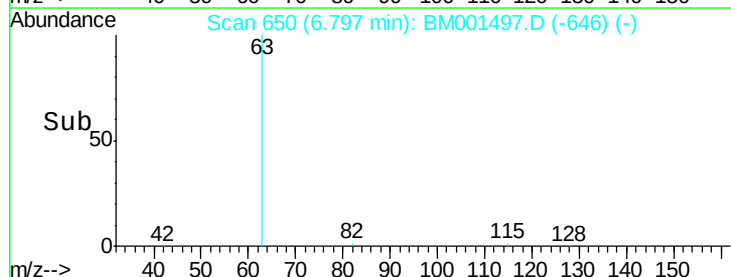
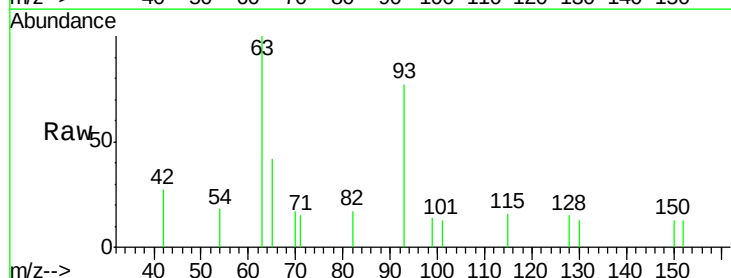
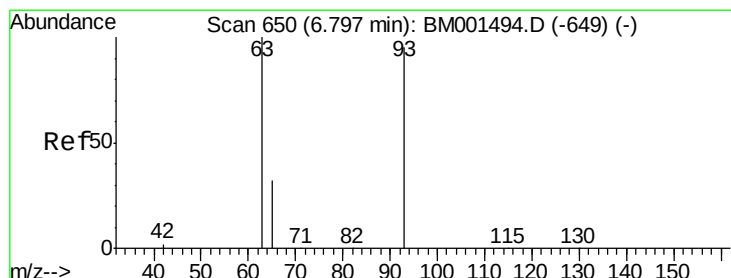
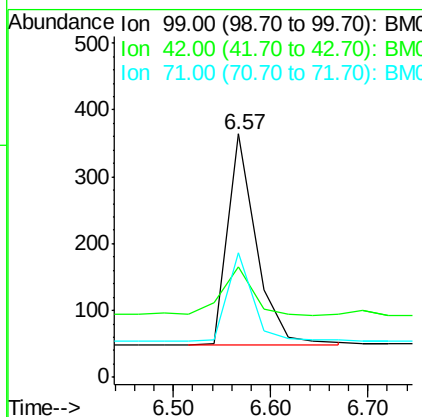
BNA_M

ClientSampleId :

SSTDIC0.2

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#4

bis(2-Chloroethyl)ether

Concen: 0.20 ng

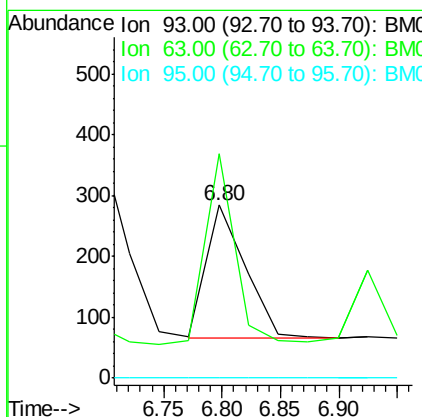
RT: 6.80 min Scan# 650

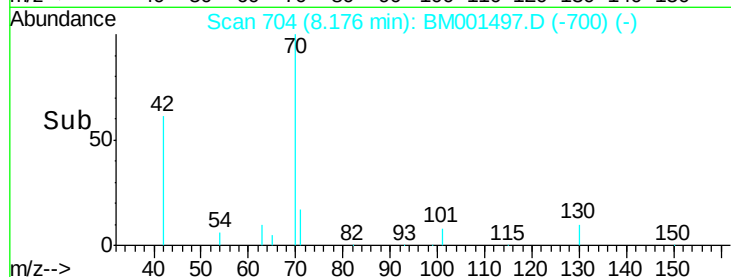
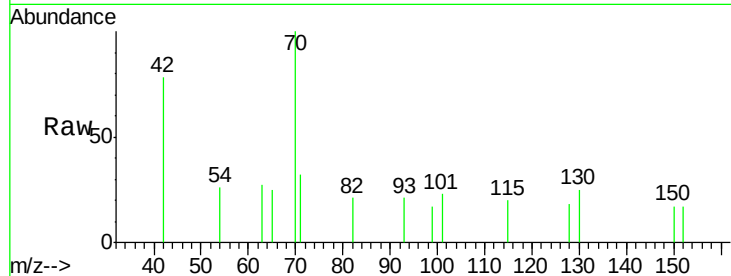
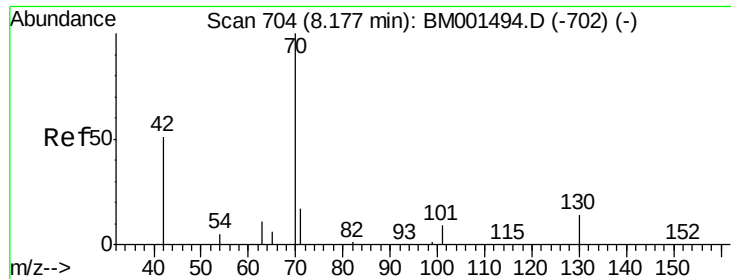
Delta R.T. -0.00 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

Tgt Ion:	93	Resp:	510
Ion	Ratio	Lower	Upper
93	100		
63	129.6	86.8	126.8#
95	0.0	0.0	20.0





#5

n-Nitroso-di-n-propylamine

Concen: 0.28 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

Instrument :

BNA_M

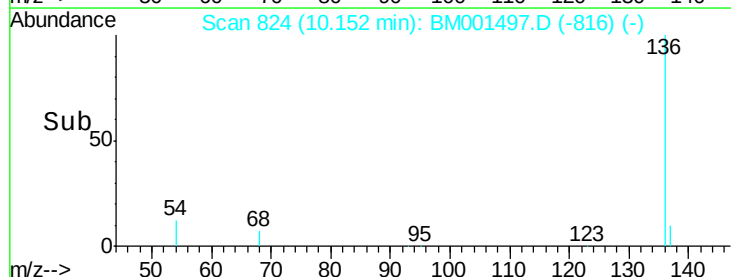
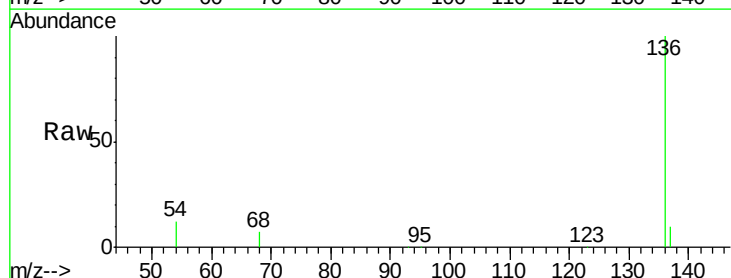
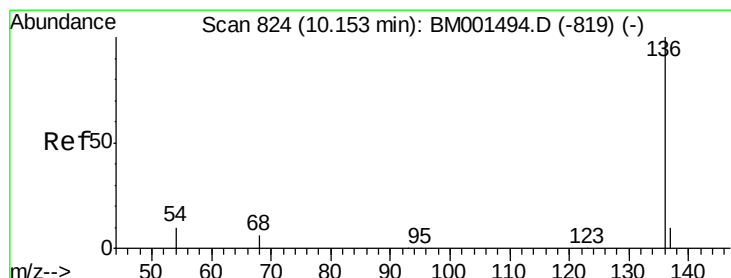
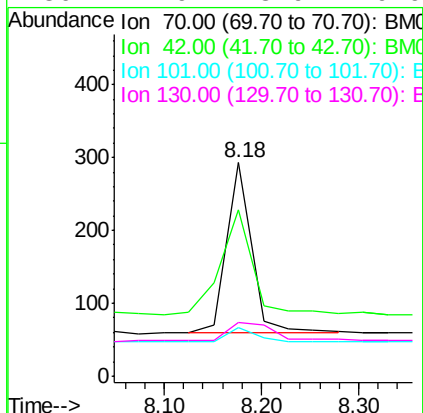
ClientSampleId :

SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
70	100		
42	78.2	44.2	66.2#
101	22.9	10.3	15.5#
130	24.9	13.9	20.9#

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#6

Naphthalene-d8

Concen: 5.00 ng

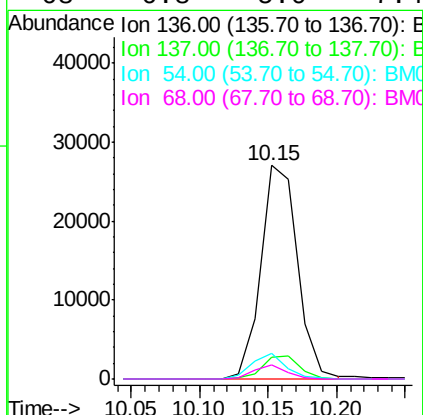
RT: 10.15 min Scan# 824

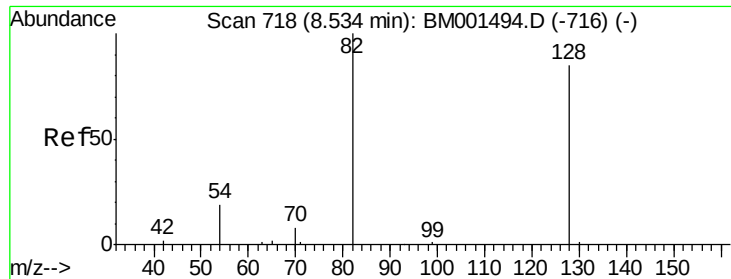
Delta R.T. -0.00 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	12.0	8.5	12.7
68	6.8	5.0	7.4





#7

Nitrobenzene-d5

Concen: 0.19 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

Instrument :

BNA_M

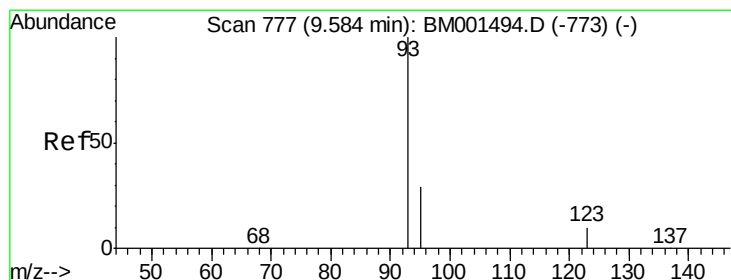
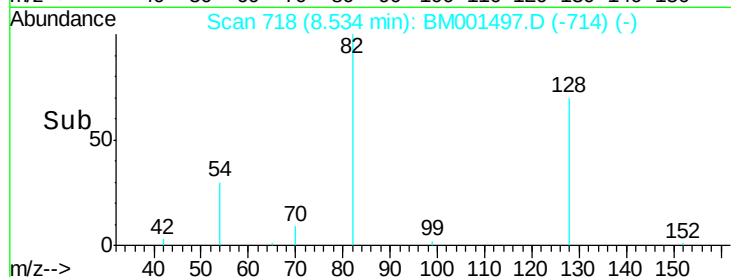
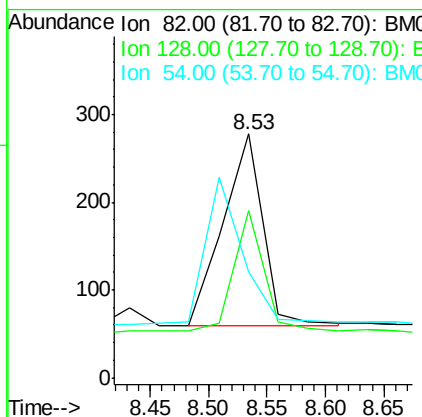
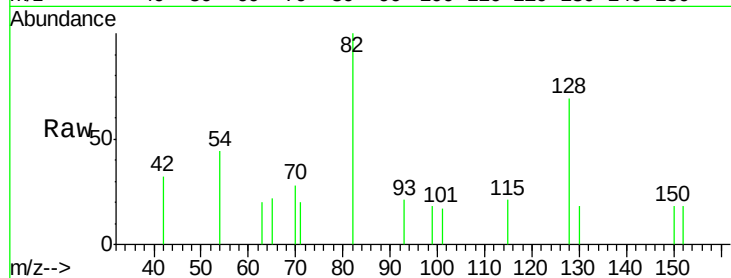
ClientSampleId :

SSTDICC0.2

Tgt Ion:	82	Resp:	524
Ion	Ratio	Lower	Upper
82	100		
128	68.7	68.2	102.2
54	43.5	21.0	31.4#

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#8

bis(2-Chloroethoxy)methane

Concen: 0.22 ng

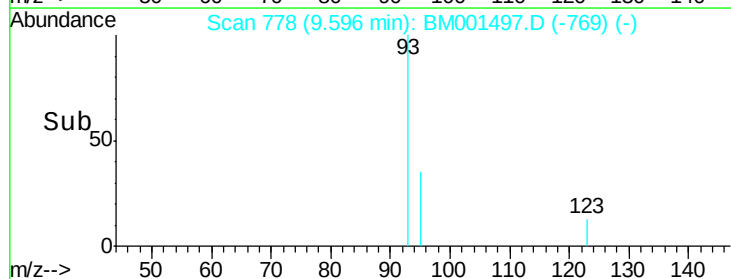
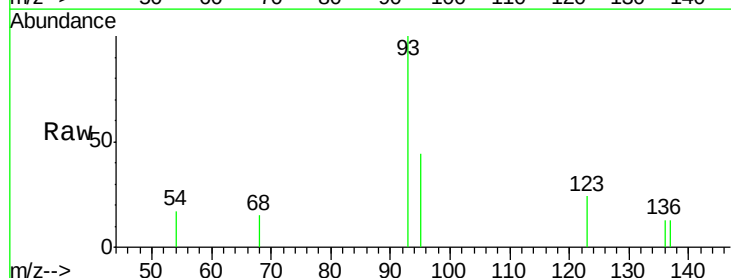
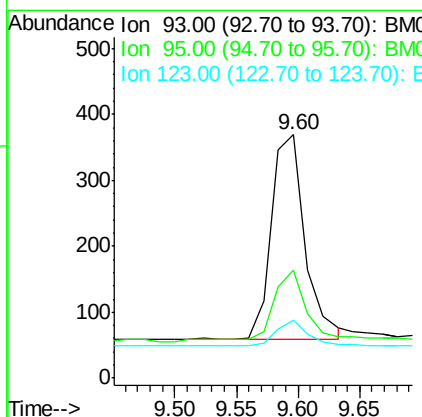
RT: 9.60 min Scan# 778

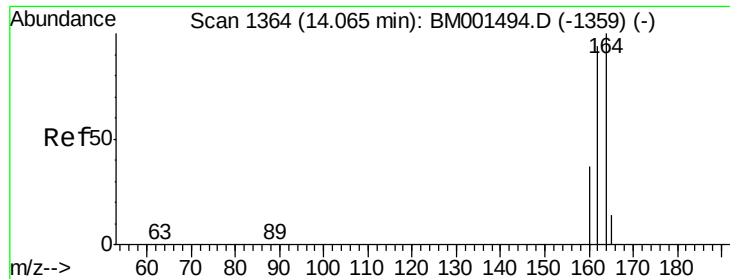
Delta R.T. 0.01 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

Tgt Ion:	93	Resp:	598
Ion	Ratio	Lower	Upper
93	100		
95	44.4	25.0	37.6#
123	24.1	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: BM001497.D

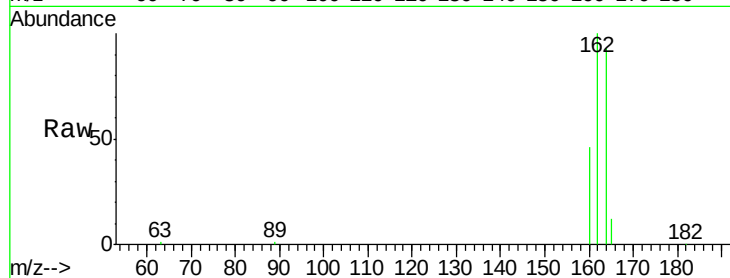
Acq: 31 May 2015 05:42

Instrument :

BNA_M

ClientSampleId :

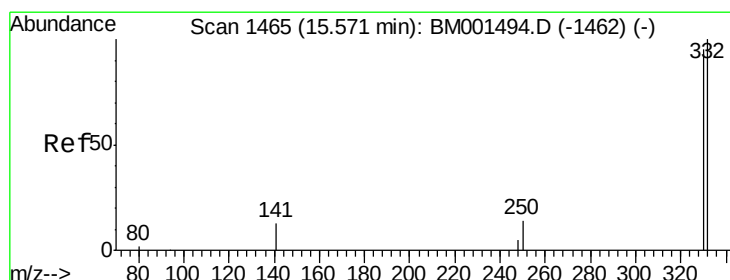
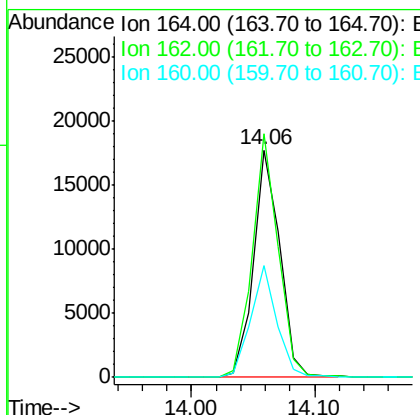
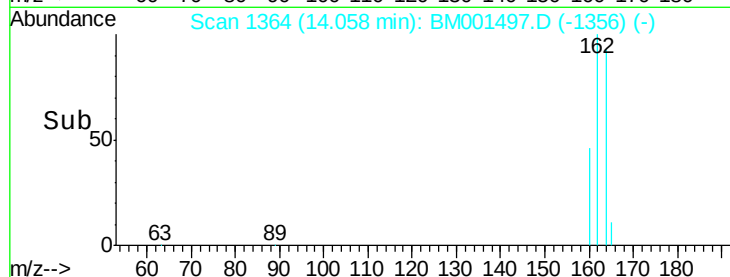
SSTDICC0.2



Tgt Ion:	164	Resp:	26260
Ion Ratio	Lower	Upper	
164	100		
162	107.1	75.3	112.9
160	49.2	30.1	45.1#

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#10

2,4,6-Tribromophenol

Concen: 0.20 ng

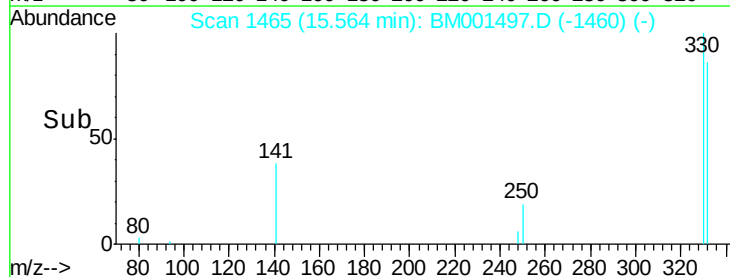
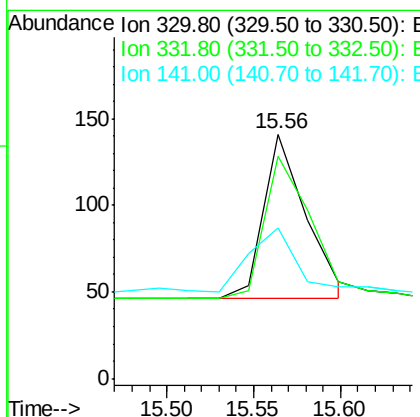
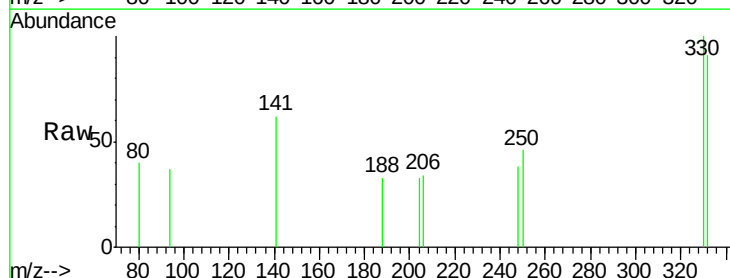
RT: 15.56 min Scan# 1465

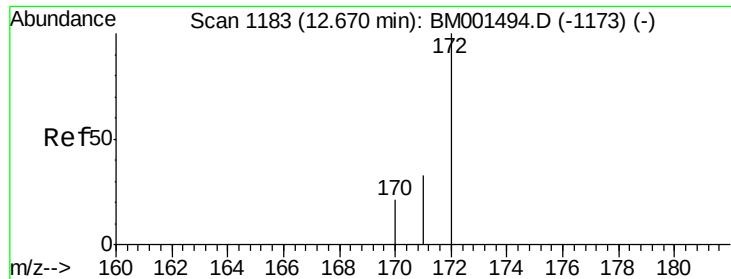
Delta R.T. -0.01 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

Tgt Ion:	330	Resp:	163
Ion Ratio	Lower	Upper	
330	100		
332	93.3	77.6	116.4
141	39.9	34.3	51.5





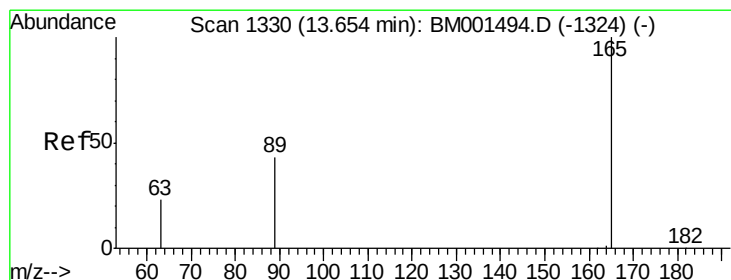
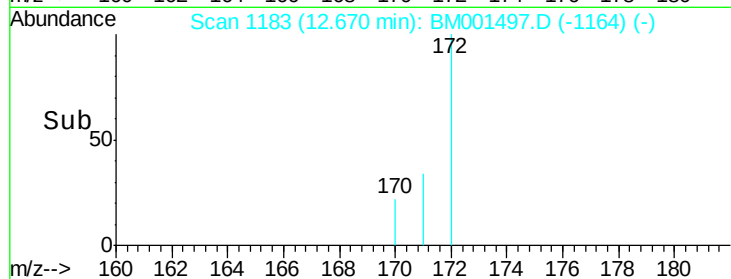
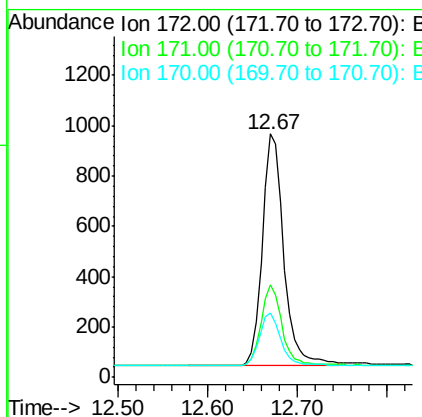
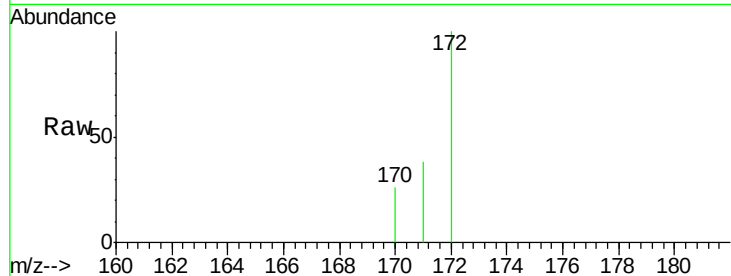
#11
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	27.2	40.8
170	26.3	17.8	26.6

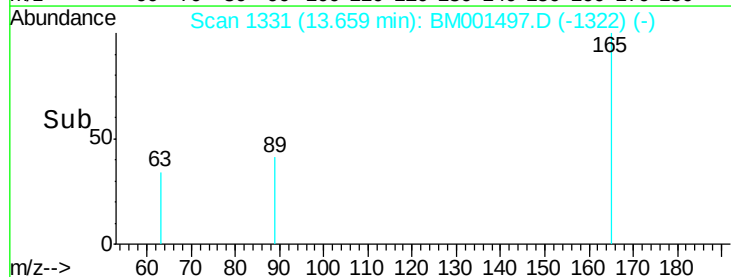
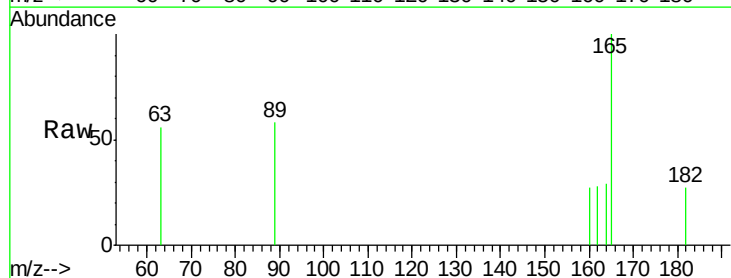
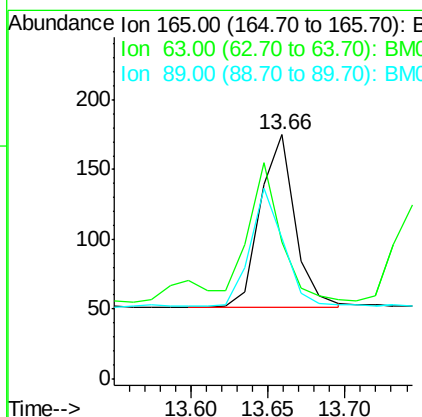
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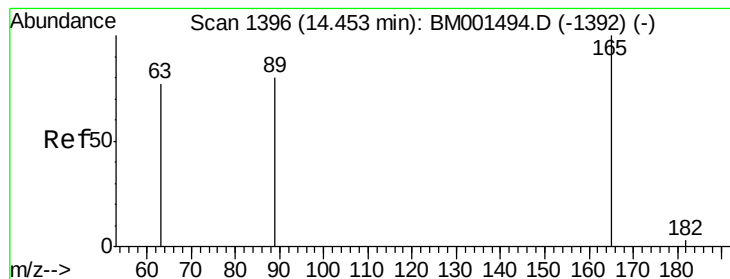
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#12
2,6-Dinitrotoluene
Concen: 0.17 ng
RT: 13.66 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.0	35.3	52.9#
89	57.7	37.4	56.2#





#13

2,4-Dinitrotoluene

Concen: 0.15 ng

RT: 14.46 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BM001497.D

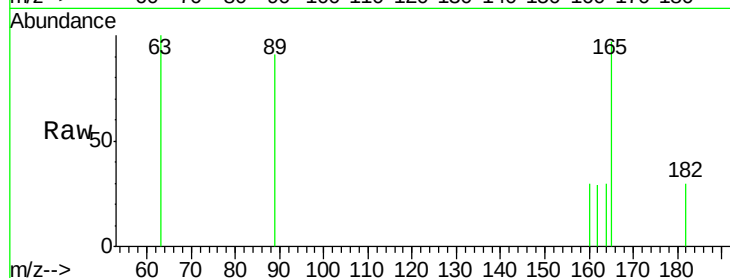
Acq: 31 May 2015 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2



Tgt Ion:165 Resp: 199

Ion Ratio Lower Upper

165 100

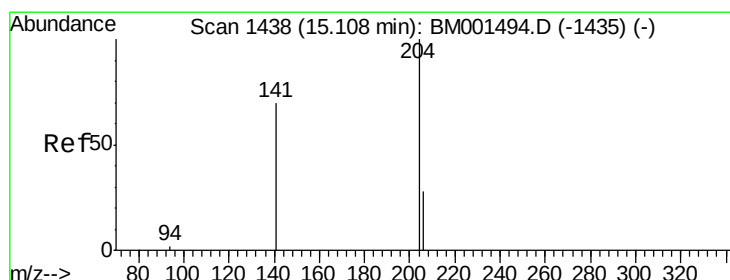
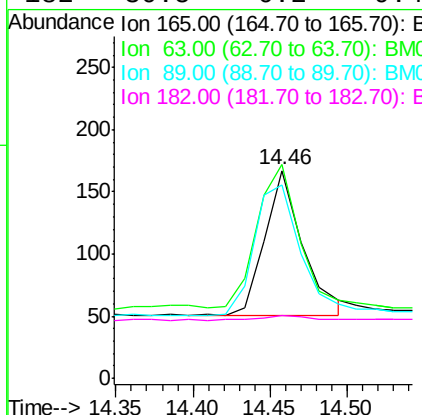
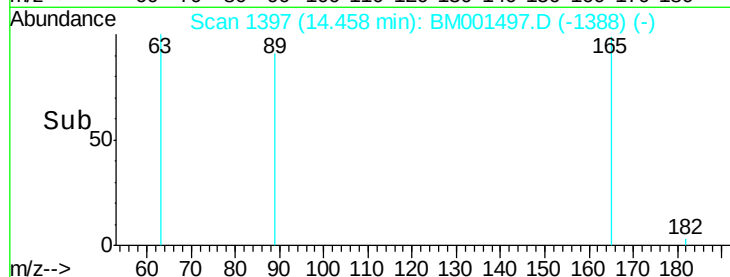
63 103.0 63.9 95.9#

89 93.4 65.0 97.6

182 30.5 6.2 9.4#

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#14

4-Chlorophenyl-phenylether

Concen: 0.19 ng m

RT: 15.12 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BM001497.D

Acq: 31 May 2015 05:42

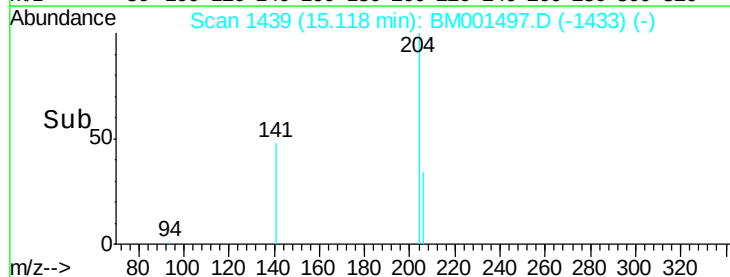
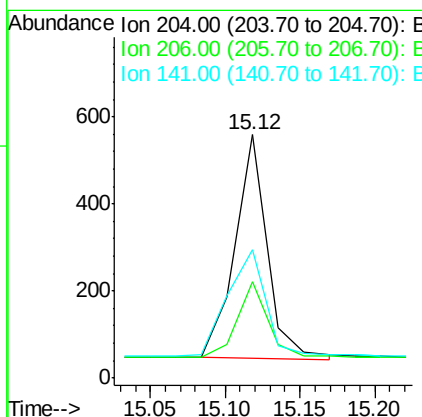
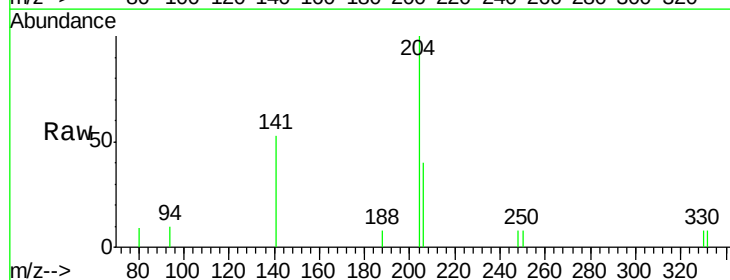
Tgt Ion:204 Resp: 769

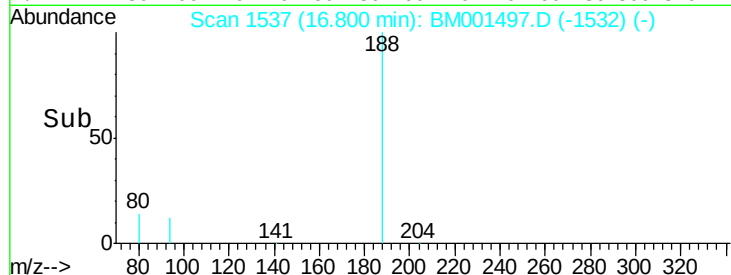
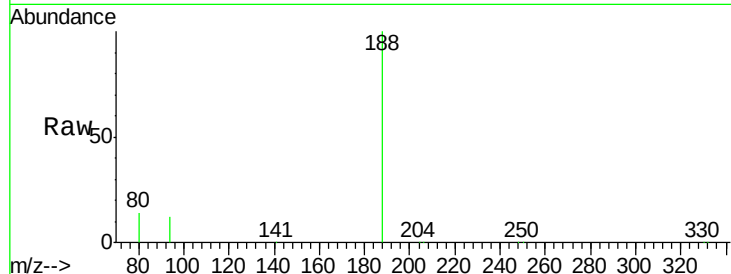
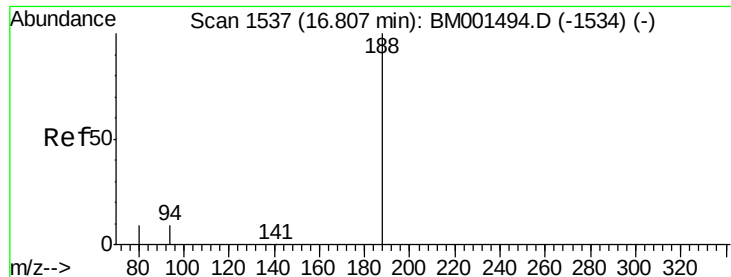
Ion Ratio Lower Upper

204 100

206 39.5 23.8 35.6#

141 52.8 56.6 85.0#





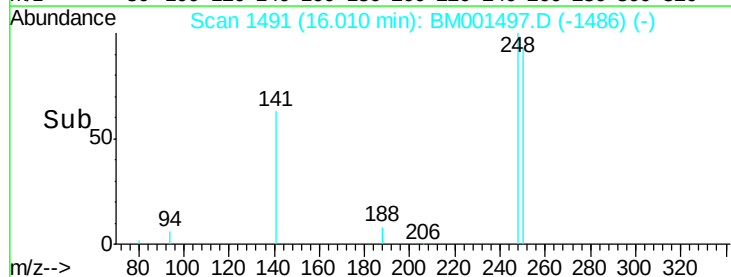
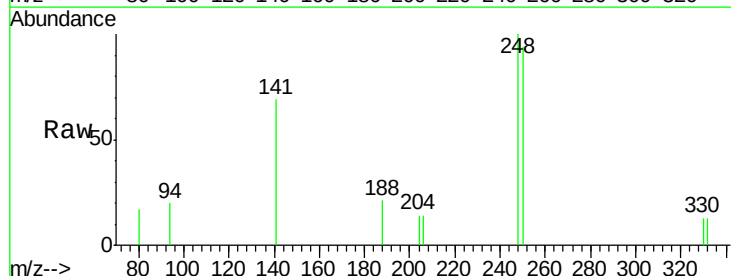
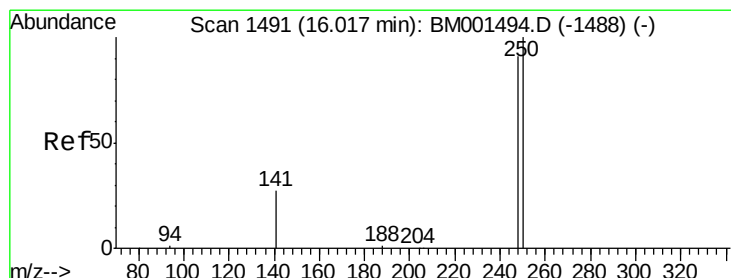
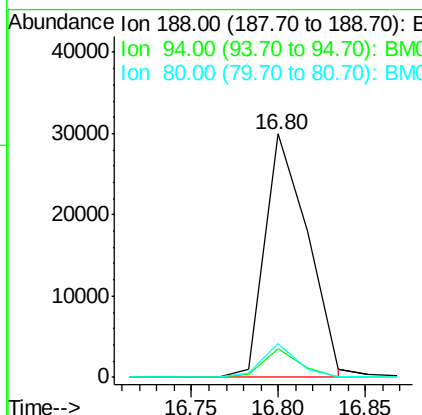
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.80 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	51383		
94	11.8	7.1	10.7#	
80	13.9	7.3	10.9#	

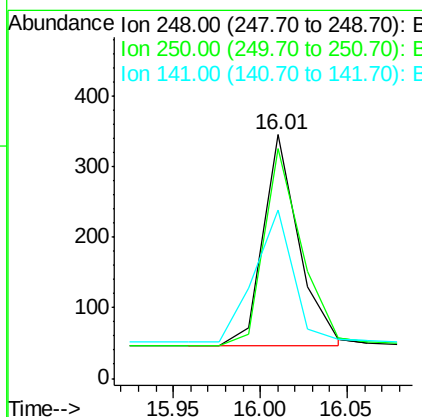
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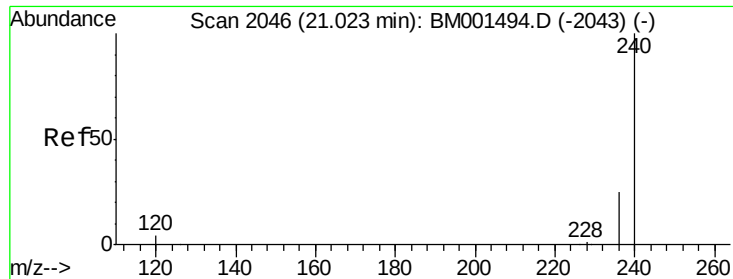
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#16
4-Bromophenyl-phenylether
Concen: 0.21 ng
RT: 16.01 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	429		
250	94.2	87.3	130.9	
141	69.0	25.8	38.8#	





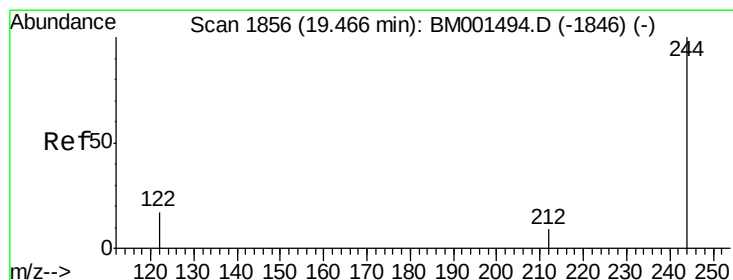
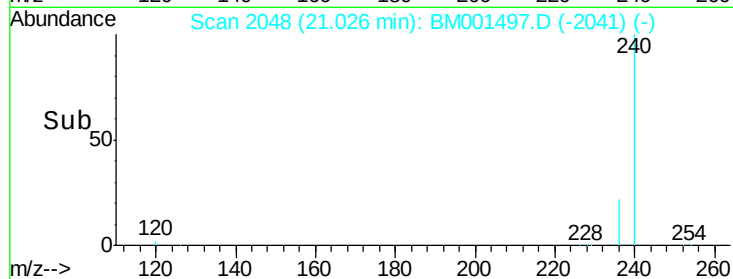
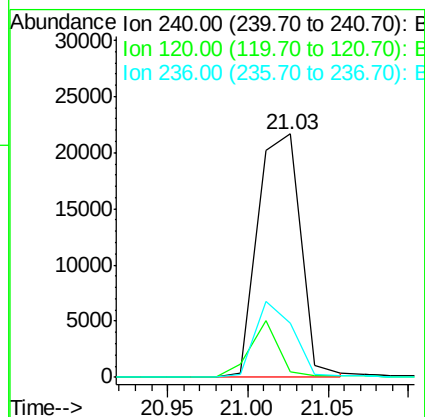
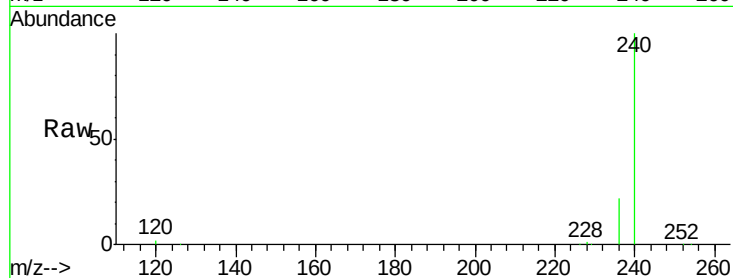
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
240	100		
120	2.5	3.7	5.5#
236	22.2	19.8	29.8

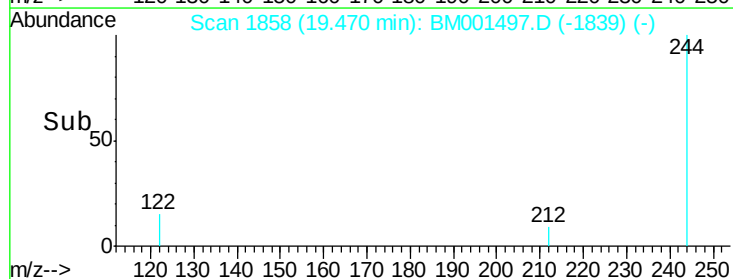
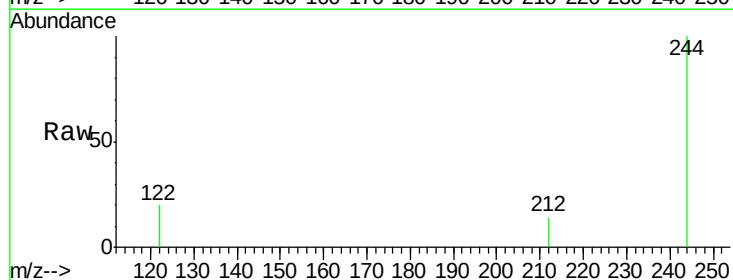
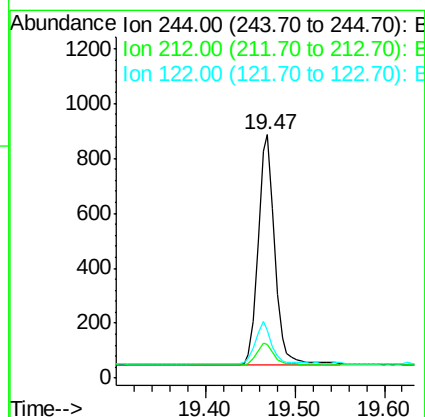
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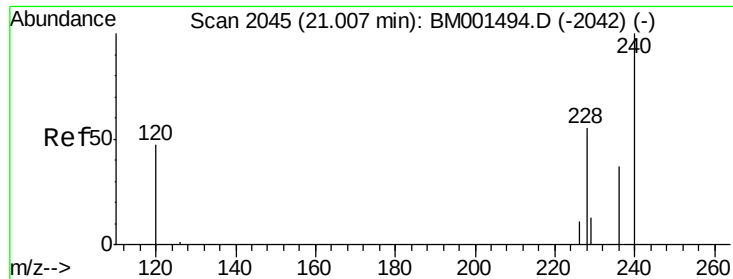
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#18
Terphenyl-d14
Concen: 0.22 ng
RT: 19.47 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.8	8.0	12.0#
122	19.7	14.1	21.1





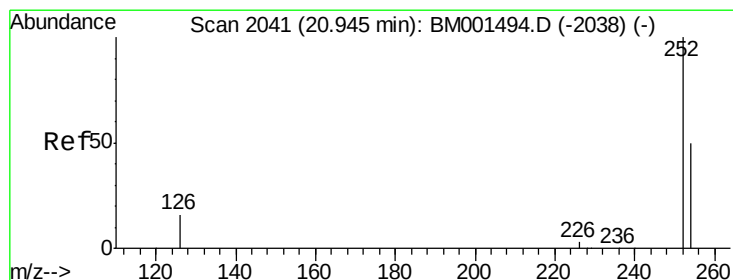
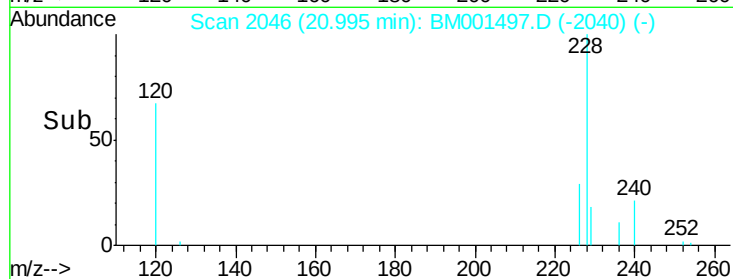
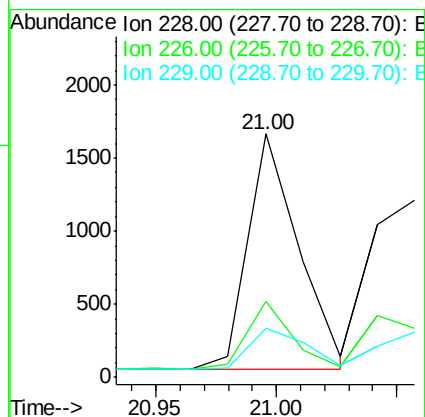
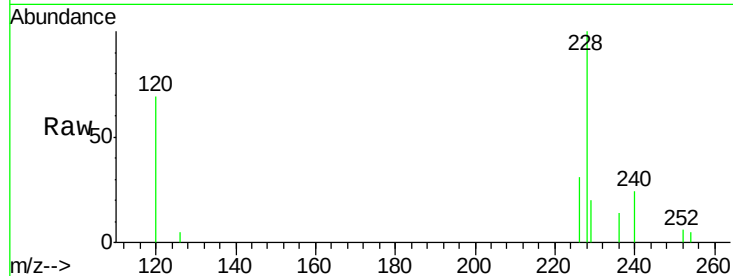
#19
Benzo(a)anthracene
Concen: 0.93 ng
RT: 21.00 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	17.5	26.3#
229	20.3	19.0	28.4

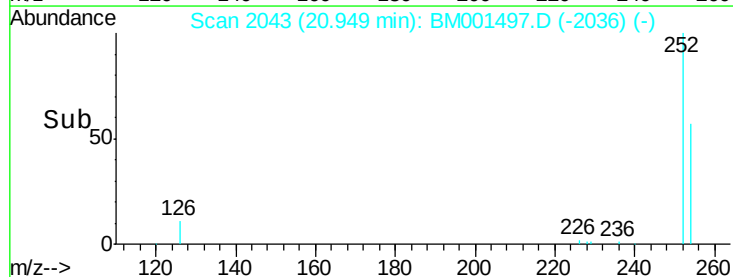
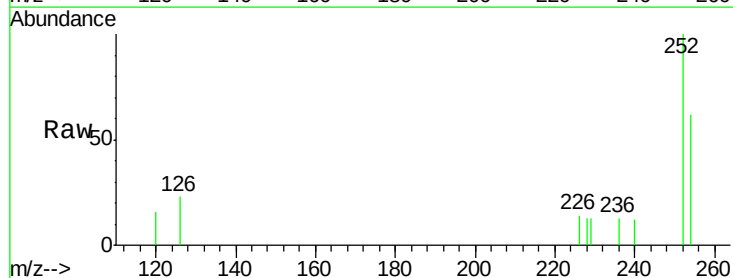
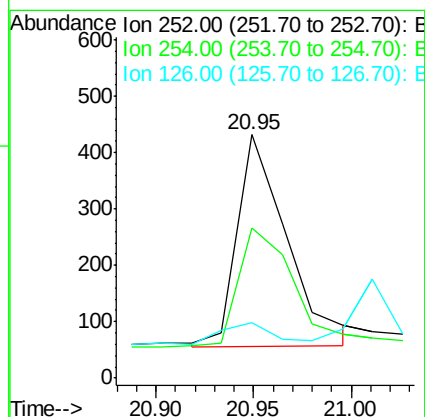
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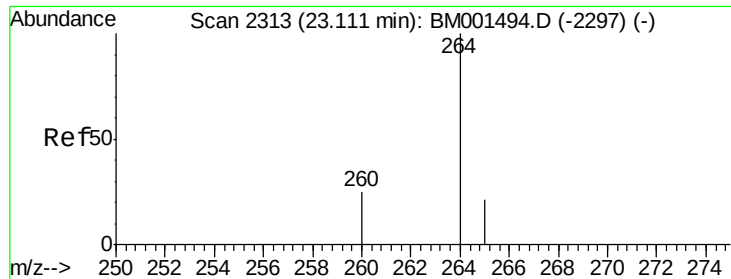
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#20
3,3'-Dichlorobenzidine
Concen: 0.25 ng m
RT: 20.95 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	41.2	61.8
126	22.9	14.7	22.1#





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BM001497.D
Acq: 31 May 2015 05:42

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion:	264	Resp:	36085
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.8	29.8
265	22.1	18.0	27.0

Manual Integrations
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