

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001507.D
 Acq On : 31 May 2015 11:44
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Manual Integrations
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 6/1/2015 8:45:24 PM

Quant Time: Jun 01 05:57:48 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 07:43:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12281	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	46133	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	24392	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	49709m	5.00	ng	0.00
17) Chrysene-d12	21.01	240	39460	5.00	ng	-0.01
21) Perylene-d12	23.11	264	35416	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	2391	0.99	ng	0.00
3) Phenol-d6	6.57	99	3188	1.01	ng	0.00
7) Nitrobenzene-d5	8.53	82	2380	0.95	ng	0.00
10) 2,4,6-Tribromophenol	15.56	330	790	0.91	ng	-0.01
11) 2-Fluorobiphenyl	12.67	172	7052	1.00	ng	0.00
18) Terphenyl-d14	19.46	244	5246	0.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	2431	1.00	ng	92
5) n-Nitroso-di-n-propylamine	8.18	70	1825	0.92	ng	99
8) bis(2-Chloroethoxy)methane	9.58	93	2933	0.99	ng	100
12) 2,6-Dinitrotoluene	13.65	165	1076	0.89	ng	# 50
13) 2,4-Dinitrotoluene	14.45	165	1179	0.87	ng	# 80
14) 4-Chlorophenyl-phenylether	15.11	204	3787m	1.07	ng	
16) 4-Bromophenyl-phenylether	16.01	248	1994	0.96	ng	# 61
19) Benzo(a)anthracene	21.00	228	10530	0.98	ng	# 87
20) 3,3'-Dichlorobenzidine	20.95	252	3523m	1.00	ng	

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

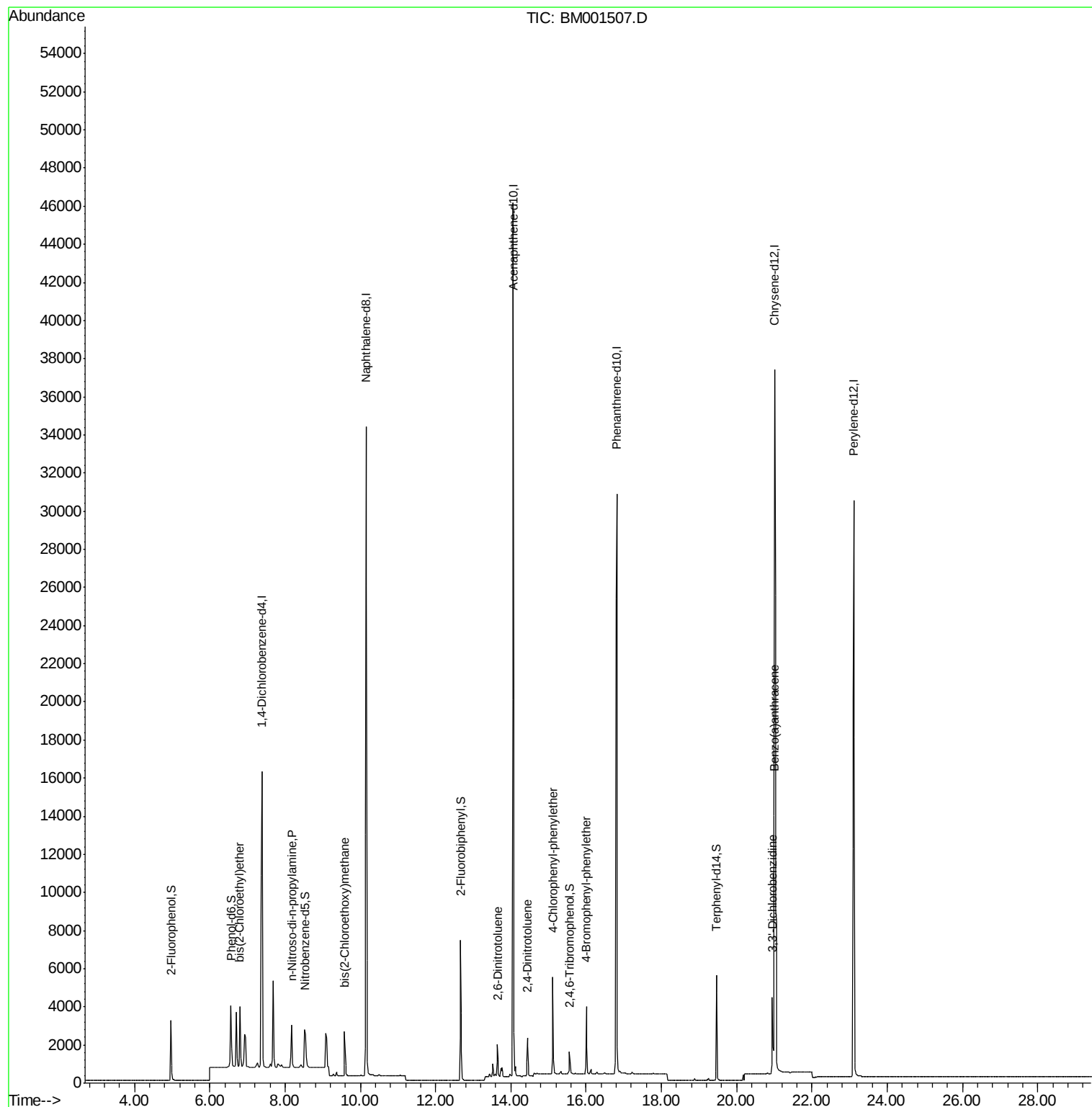
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
Data File : BM001507.D
Acq On : 31 May 2015 11:44
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 23 Sample Multiplier: 1

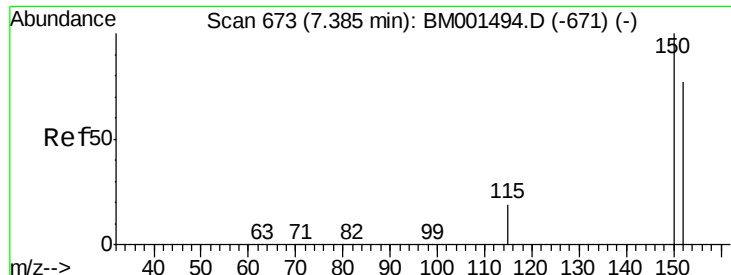
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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#1

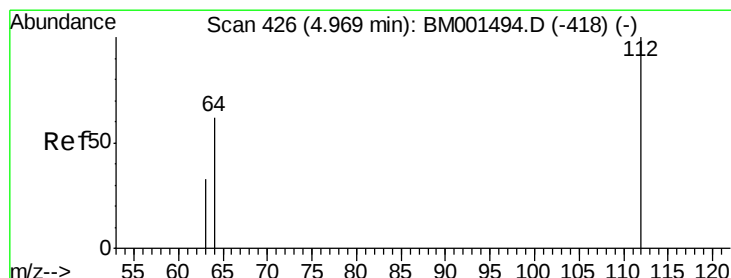
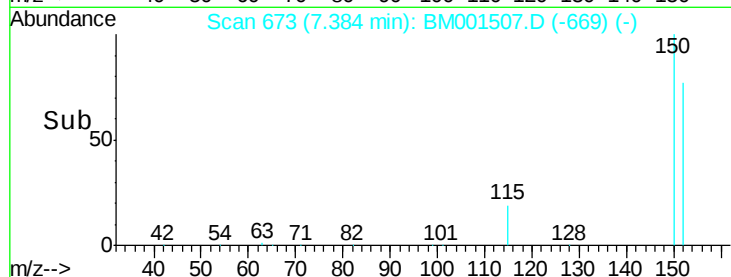
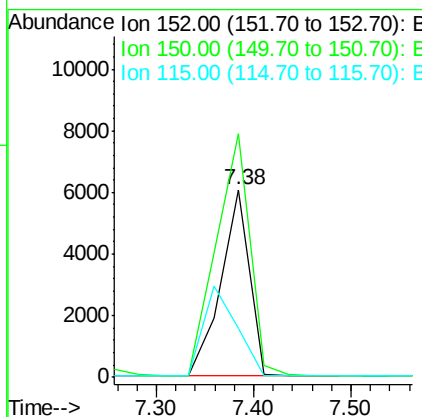
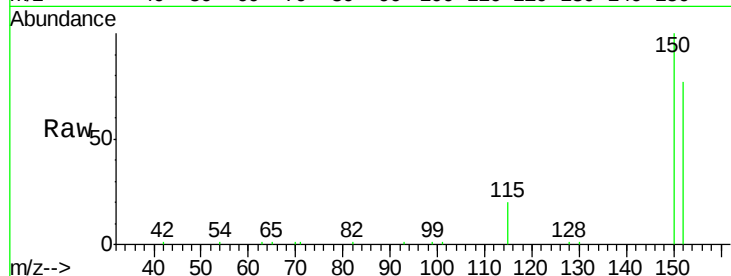
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	129.9	103.8	155.8
115	25.9	20.7	31.1

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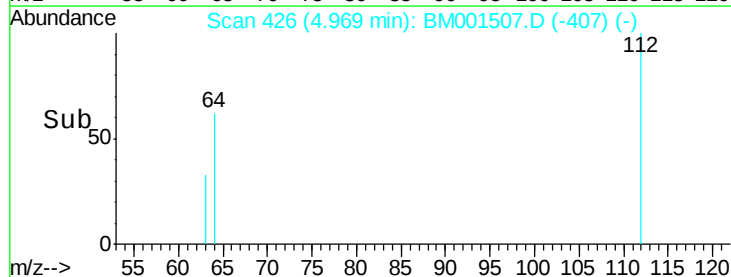
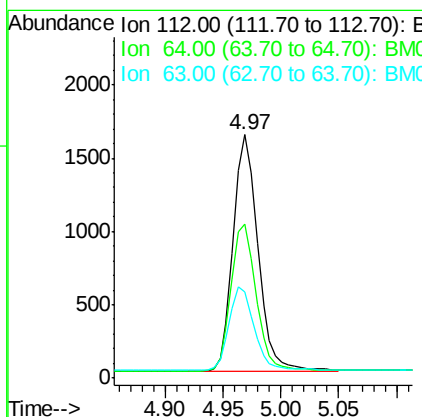
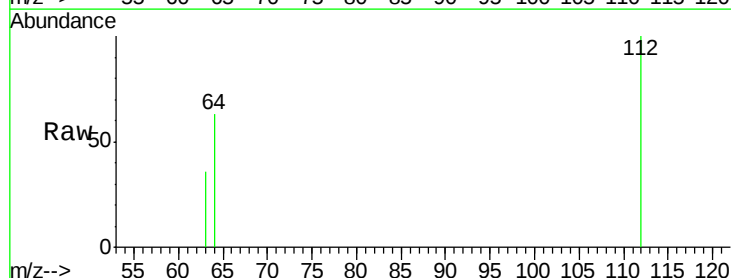
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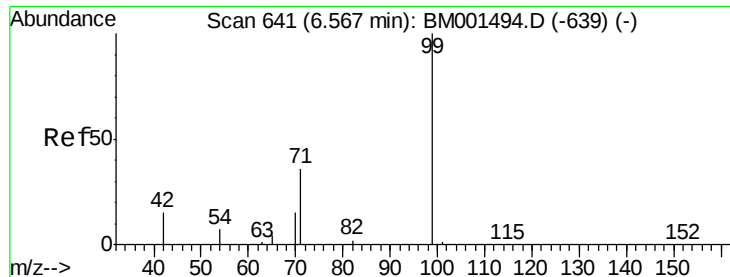


#2

2-Fluorophenol
Concen: 0.99 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	50.2	75.2
63	35.6	28.2	42.4





#3

Phenol-d6

Concen: 1.01 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

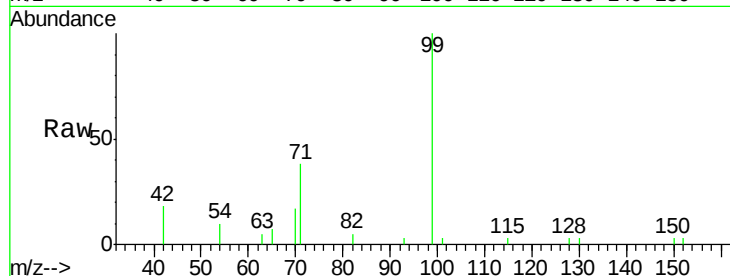
ClientSampleId :

SSTDCCC001EC

Tgt Ion:	99	Resp:	3188
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.2	22.8
71	37.9	30.6	46.0

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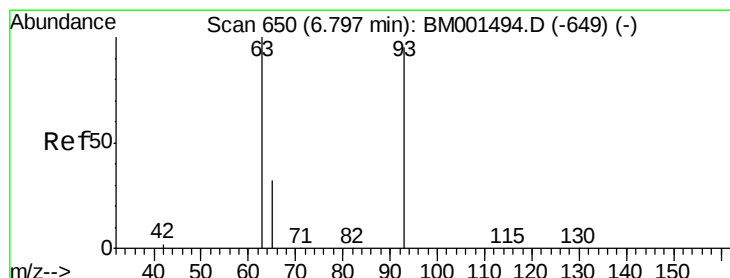
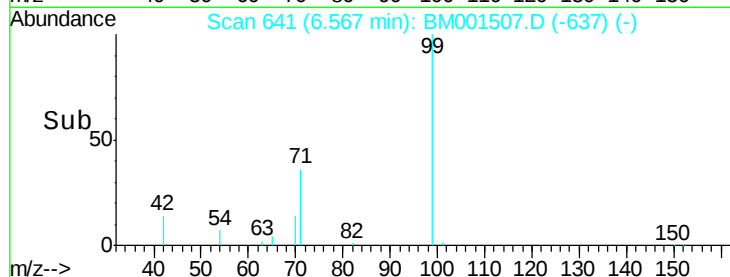


Abundance Ion 99.00 (98.70 to 99.70): BM001494.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM001494.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM001494.D (-639) (-)

Time-->



#4

bis(2-Chloroethyl)ether

Concen: 1.00 ng

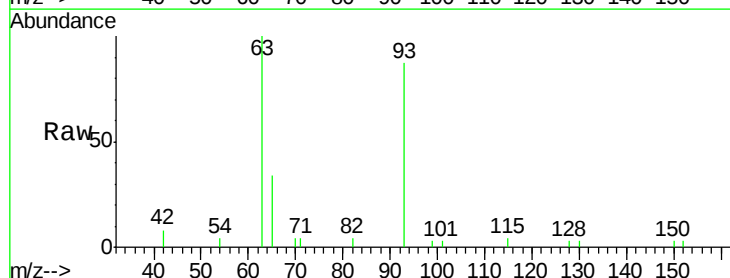
RT: 6.80 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Tgt Ion:	93	Resp:	2431
Ion	Ratio	Lower	Upper
93	100		
63	115.4	86.8	126.8
95	0.0	0.0	20.0

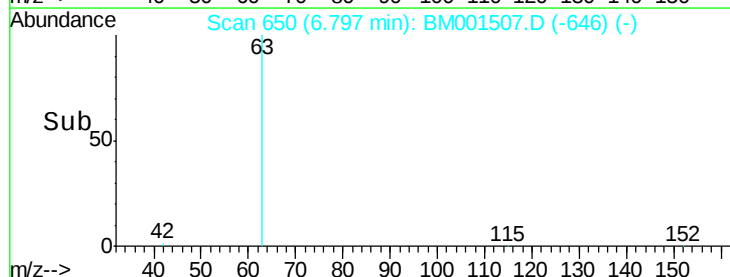


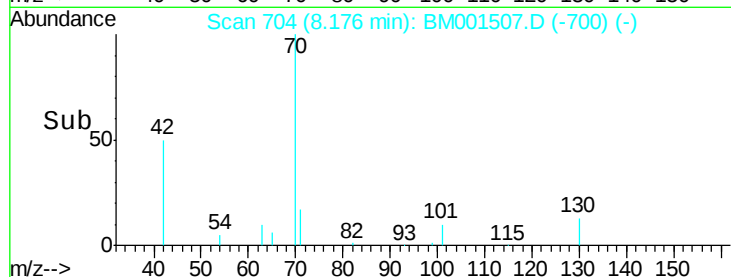
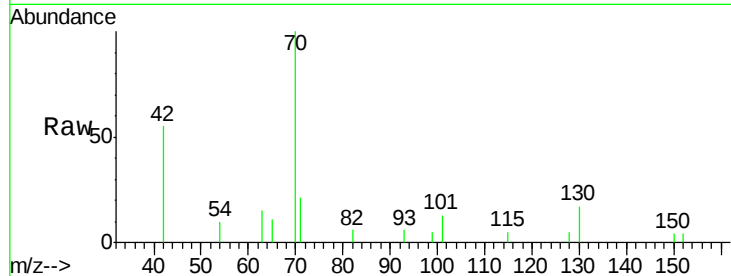
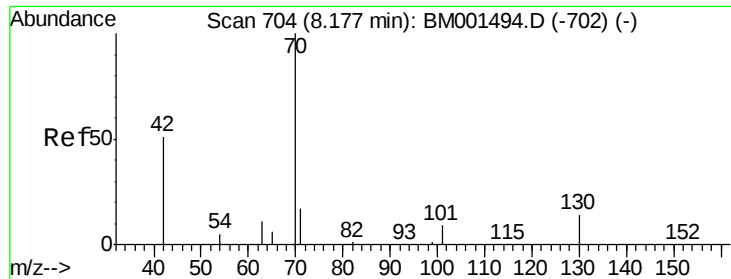
Abundance Ion 93.00 (92.70 to 93.70): BM001494.D (-649) (-)

Ion 63.00 (62.70 to 63.70): BM001494.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BM001494.D (-649) (-)

Time-->





#5

n-Nitroso-di-n-propylamine

Concen: 0.92 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

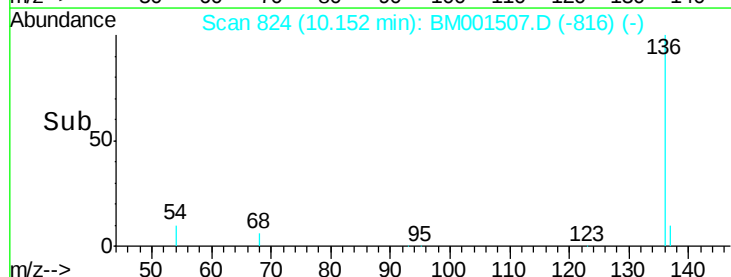
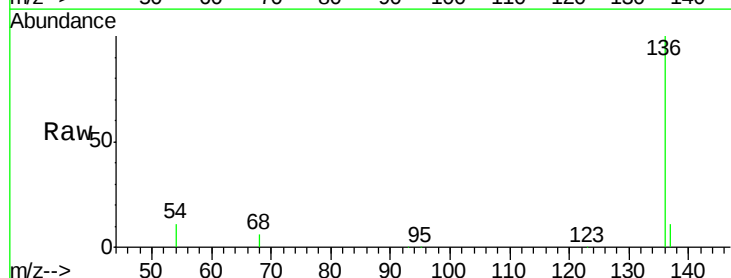
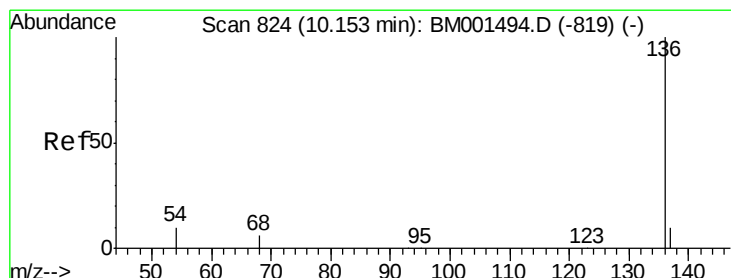
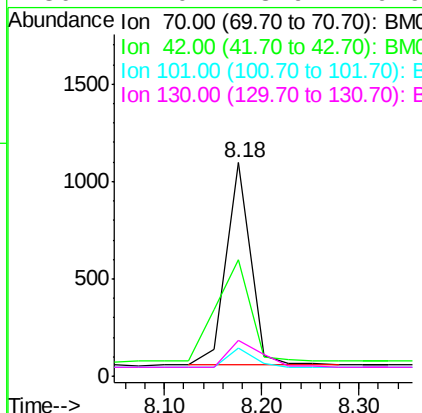
ClientSampleId :

SSTDCCC001EC

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	44.2	66.2	
101	13.4	10.3	15.5	
130	17.0	13.9	20.9	

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#6

Naphthalene-d8

Concen: 5.00 ng

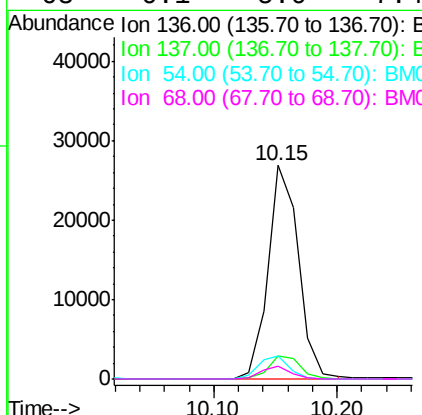
RT: 10.15 min Scan# 824

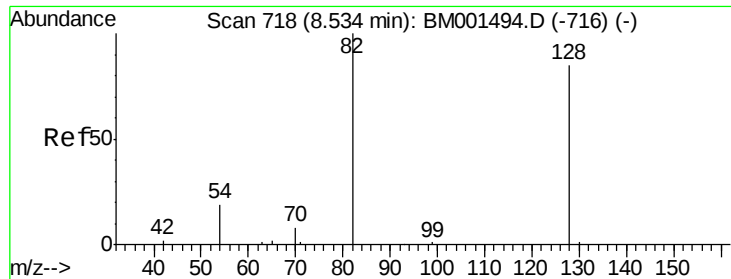
Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.5	8.3	12.5	
54	10.6	8.5	12.7	
68	6.1	5.0	7.4	





#7

Nitrobenzene-d5

Concen: 0.95 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

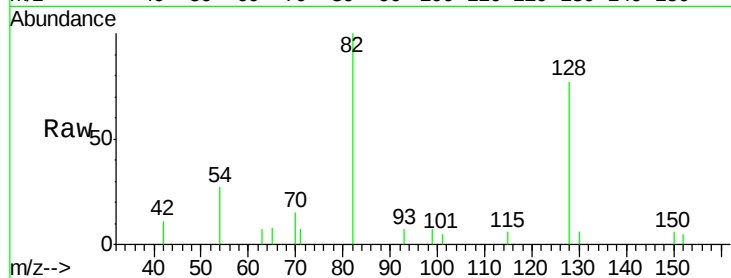
ClientSampleId :

SSTDCCC001EC

Tgt Ion:	82	Resp:	2380
Ion	Ratio	Lower	Upper
82	100		
128	77.3	68.2	102.2
54	27.3	21.0	31.4

Manual Integrations
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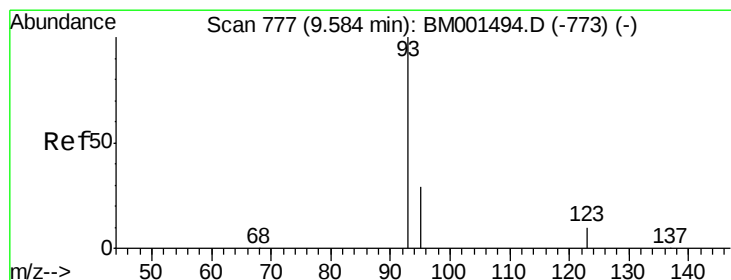
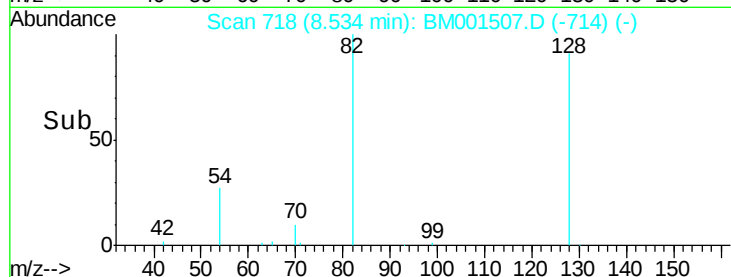
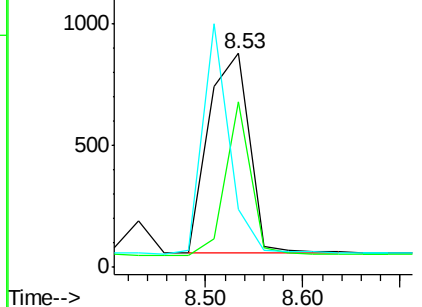
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Abundance Ion 82.00 (81.70 to 82.70): BM001507.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BM001507.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001507.D (-714) (-)



#8

bis(2-Chloroethoxy)methane

Concen: 0.99 ng

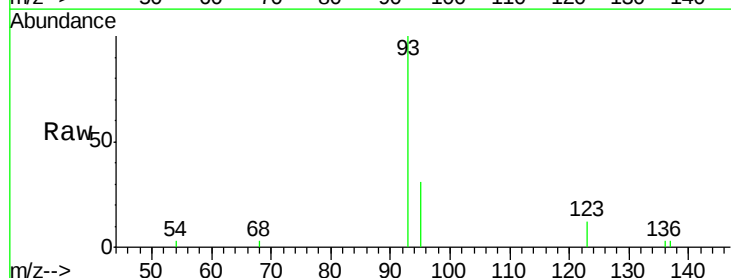
RT: 9.58 min Scan# 777

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

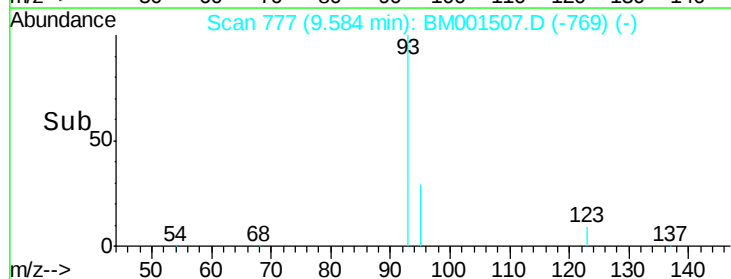
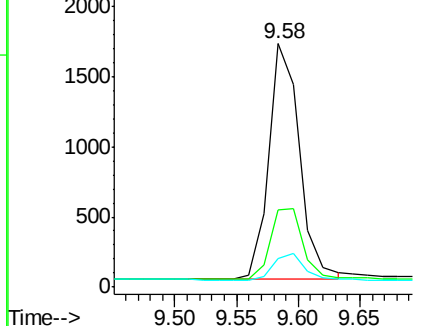
Tgt Ion:	93	Resp:	2933
Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.0	37.6
123	11.9	9.5	14.3

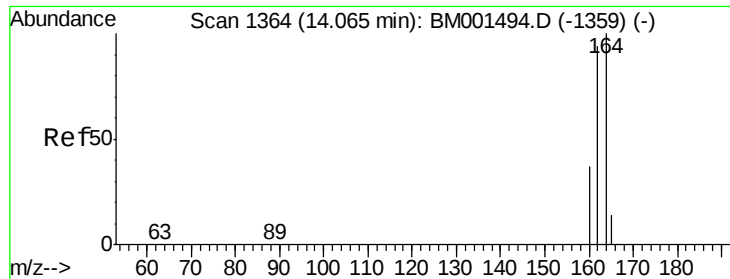


Abundance Ion 93.00 (92.70 to 93.70): BM001507.D (-769) (-)

Ion 95.00 (94.70 to 95.70): BM001507.D (-769) (-)

Ion 123.00 (122.70 to 123.70): BM001507.D (-769) (-)





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.06 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BM001507.D

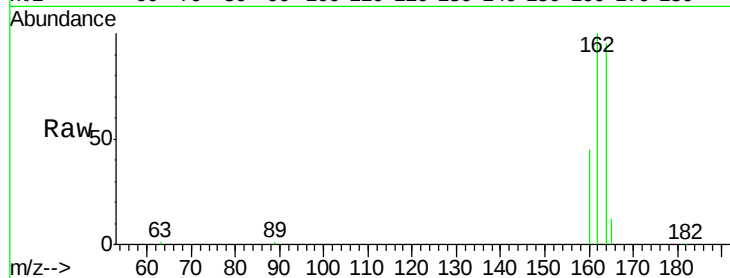
Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

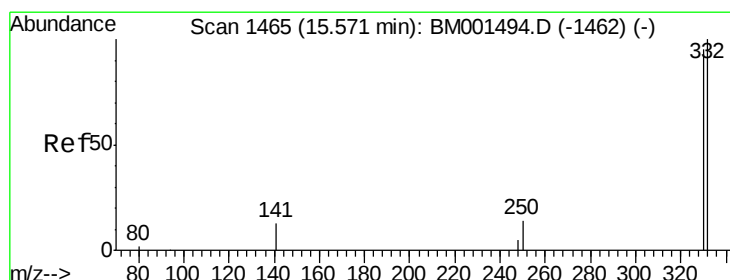
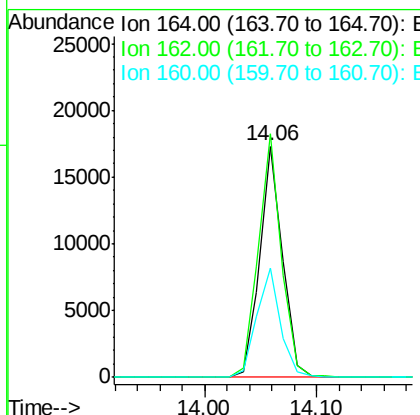
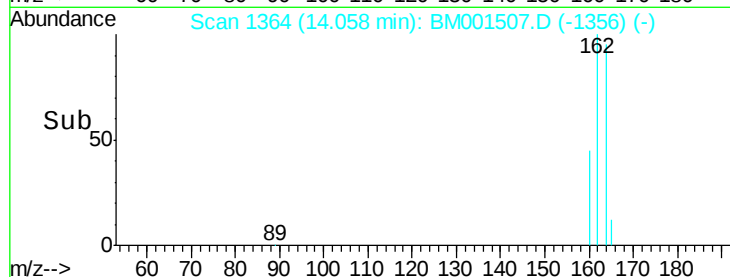
SSTDCCC001EC



Tgt Ion:	164	Resp:	24392
Ion Ratio	Lower	Upper	
164	100		
162	105.3	75.3	112.9
160	47.1	30.1	45.1#

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#10

2,4,6-Tribromophenol

Concen: 0.91 ng

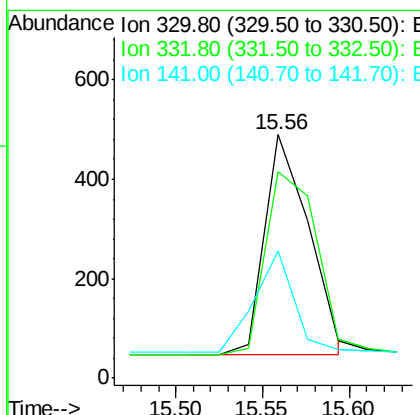
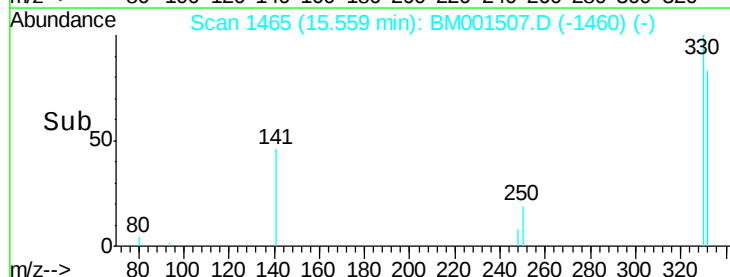
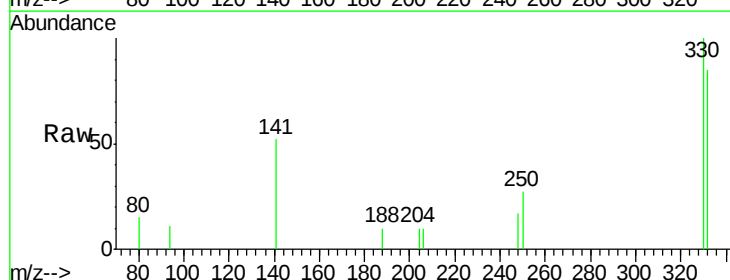
RT: 15.56 min Scan# 1465

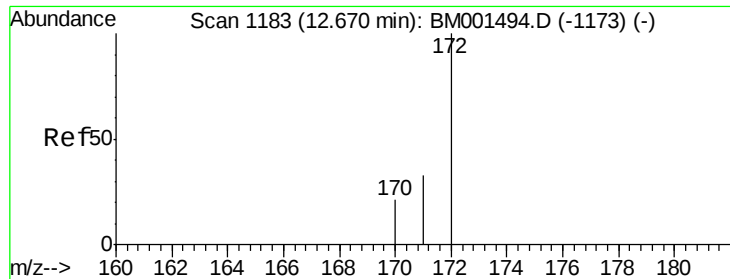
Delta R.T. -0.01 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Tgt Ion:	330	Resp:	790
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.6	116.4
141	41.8	34.3	51.5





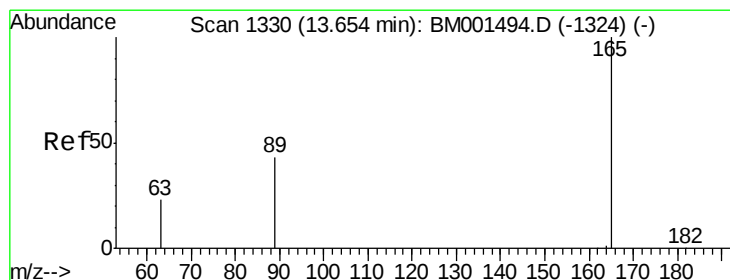
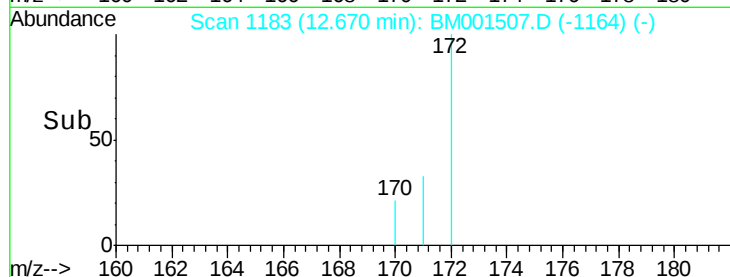
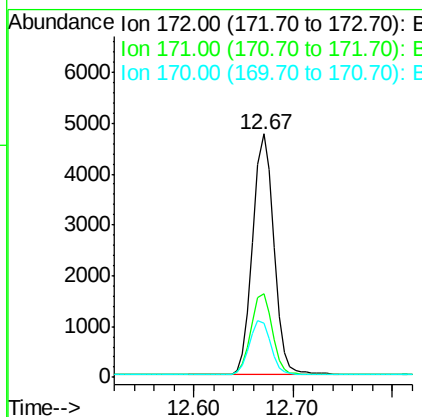
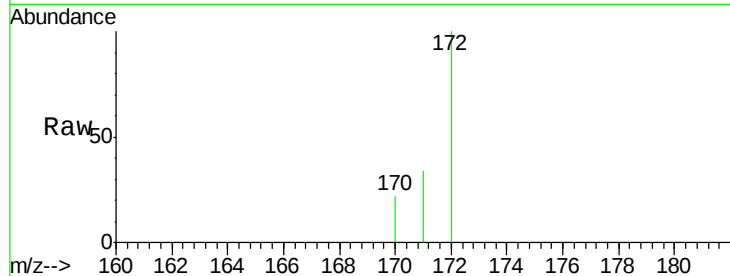
#11
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:172 Resp: 7052
Ion Ratio Lower Upper
172 100
171 34.1 27.2 40.8
170 22.1 17.8 26.6

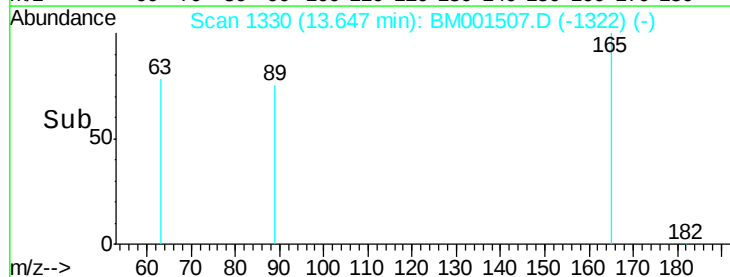
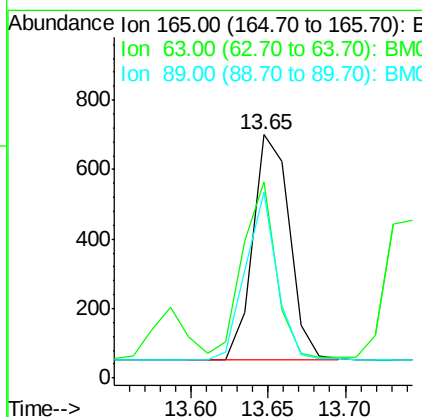
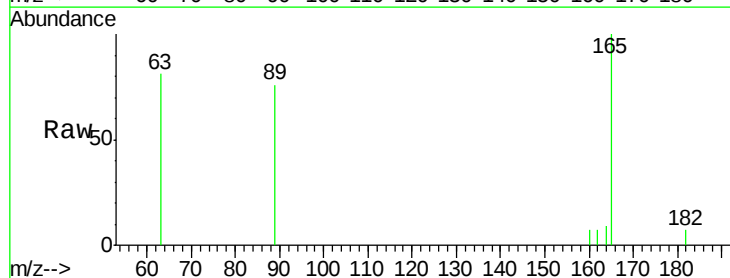
Manual Integrations
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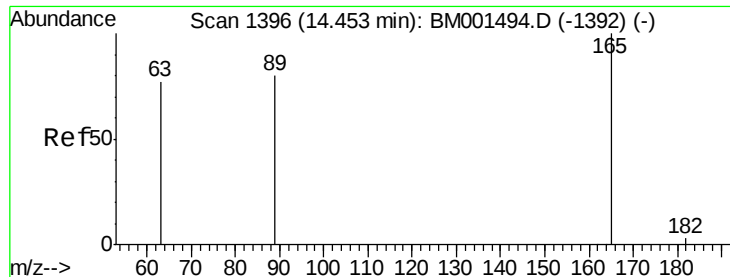
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#12
2,6-Dinitrotoluene
Concen: 0.89 ng
RT: 13.65 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Tgt Ion:165 Resp: 1076
Ion Ratio Lower Upper
165 100
63 80.6 35.3 52.9#
89 76.5 37.4 56.2#





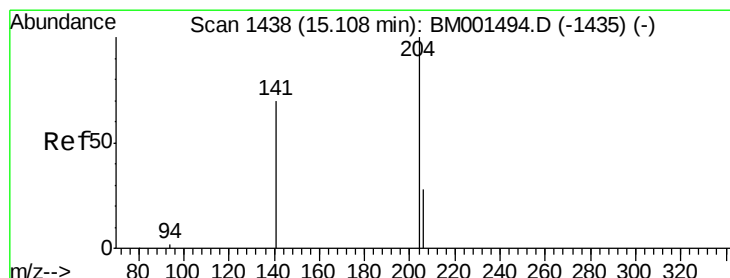
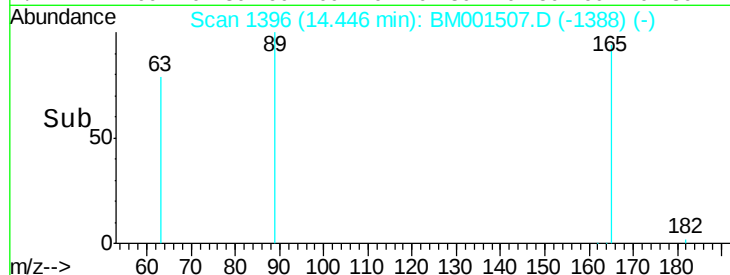
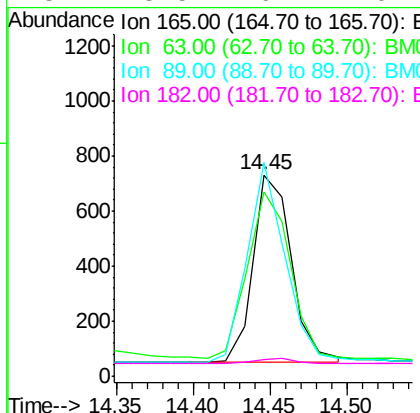
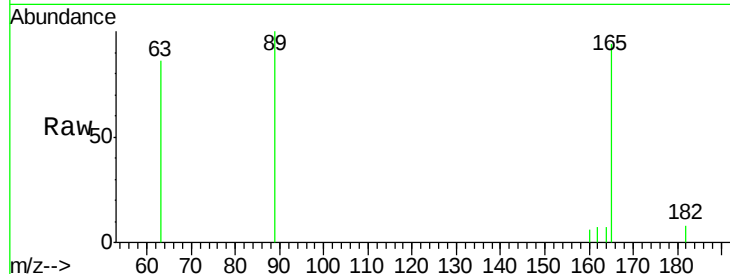
#13
 2,4-Dinitrotoluene
 Concen: 0.87 ng
 RT: 14.45 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BM001507.D
 Acq: 31 May 2015 11:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion	Ratio	Lower	Upper
165	100		
63	91.5	63.9	95.9
89	106.2	65.0	97.6
182	8.5	6.2	9.4

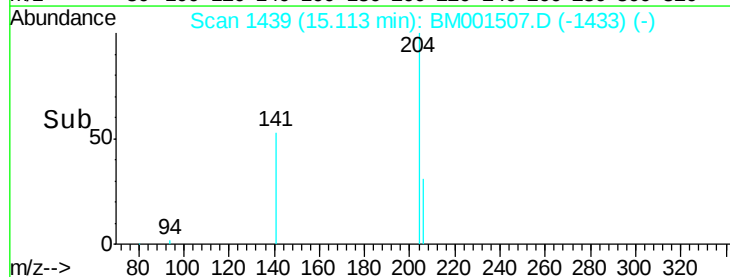
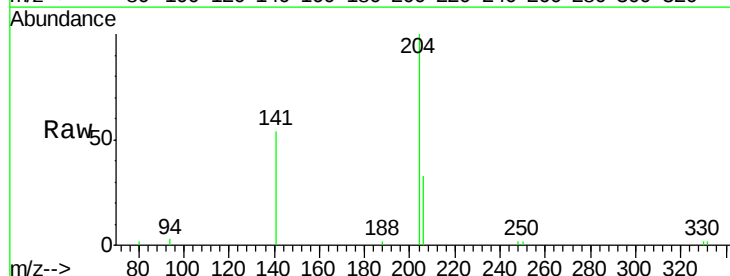
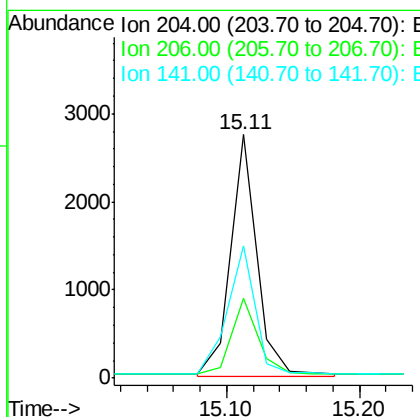
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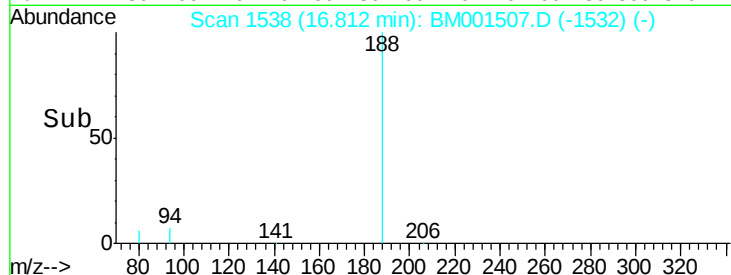
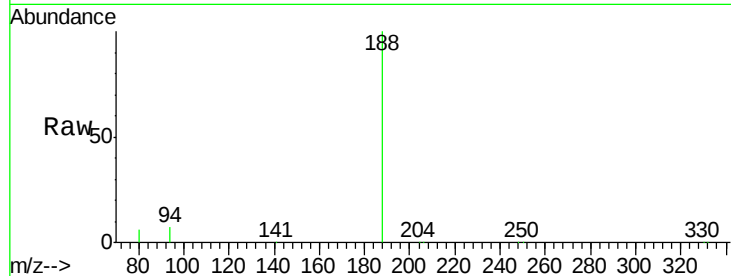
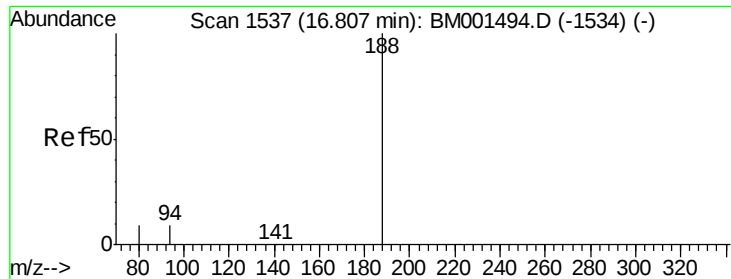
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#14
 4-Chlorophenyl-phenylether
 Concen: 1.07 ng m
 RT: 15.11 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BM001507.D
 Acq: 31 May 2015 11:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	23.8	35.6
141	54.1	56.6	85.0





#15

Phenanthrene-d10

Concen: 5.00 ng m

RT: 16.81 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Tgt Ion:	188	Resp:	49709
Ion Ratio	Lower	Upper	
188	100		
94	6.8	7.1	10.7#
80	6.3	7.3	10.9#

Instrument :

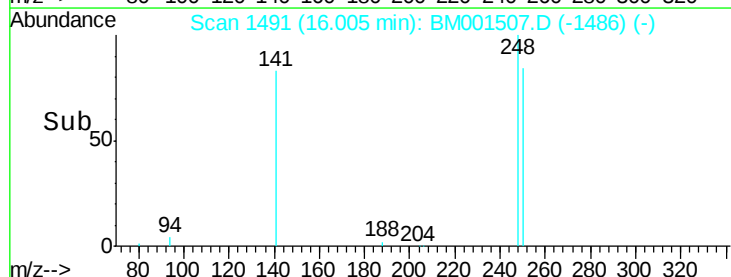
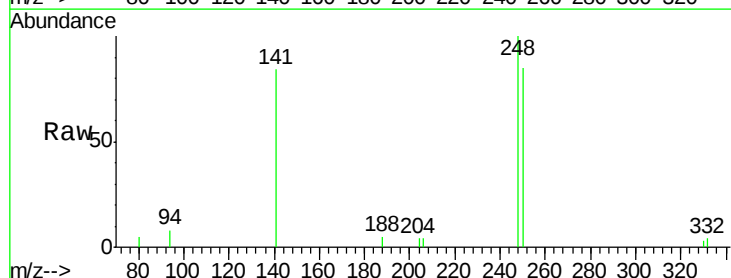
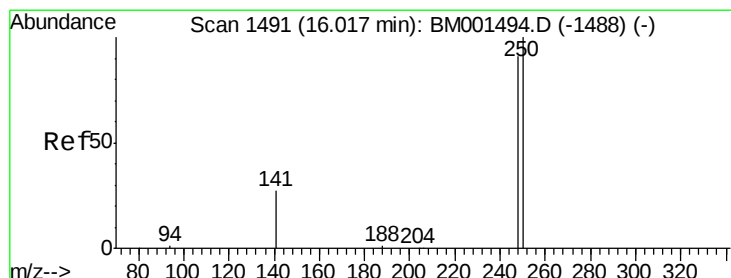
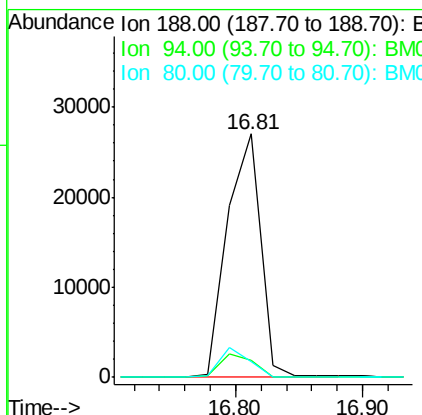
BNA_M

ClientSampleId :

SSTDCCC001EC

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#16

4-Bromophenyl-phenylether

Concen: 0.96 ng

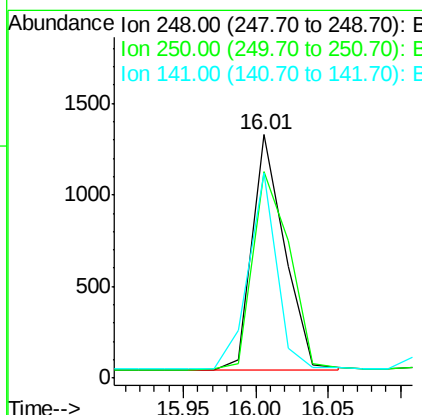
RT: 16.01 min Scan# 1491

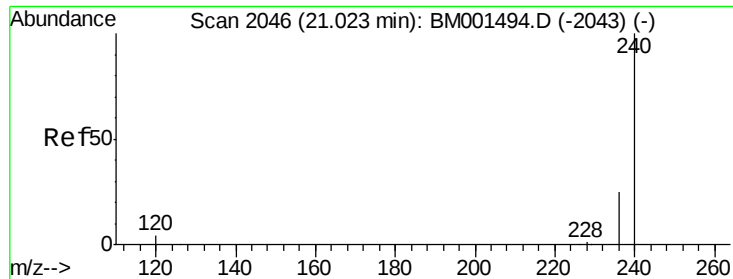
Delta R.T. -0.01 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Tgt Ion:	248	Resp:	1994
Ion Ratio	Lower	Upper	
248	100		
250	85.0	87.3	130.9#
141	84.4	25.8	38.8#





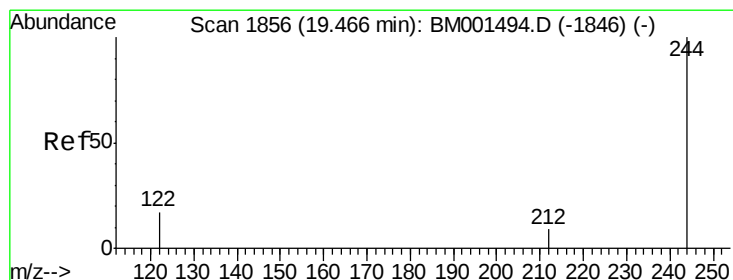
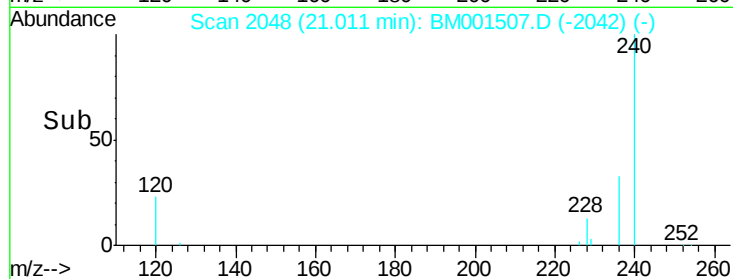
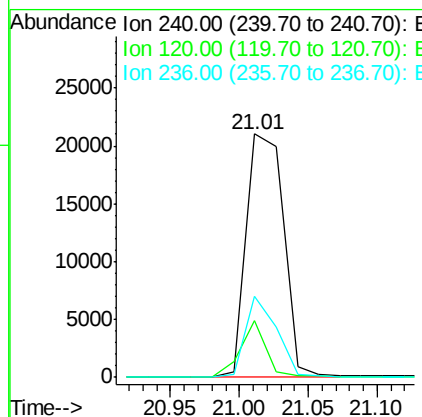
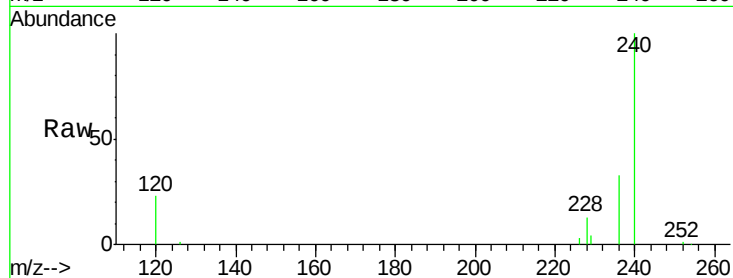
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.01 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	23.2	3.7	5.5#
236	33.1	19.8	29.8#

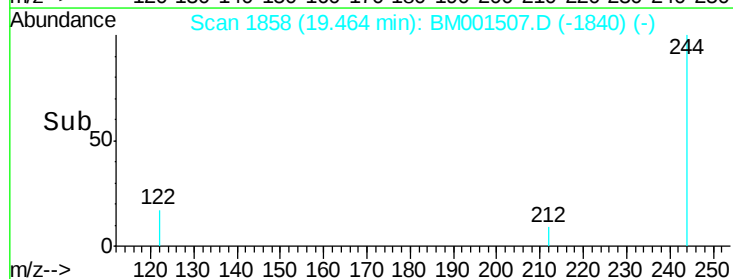
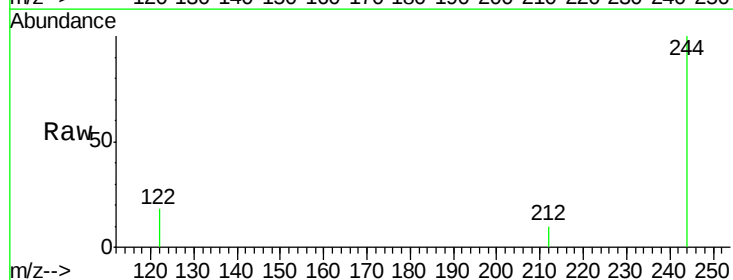
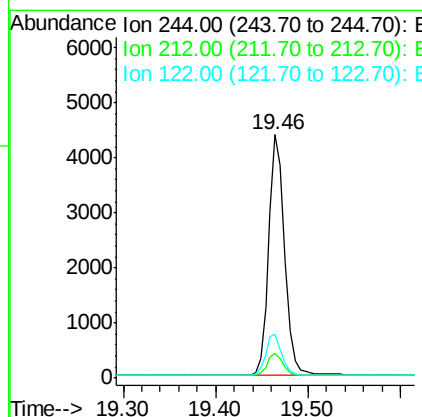
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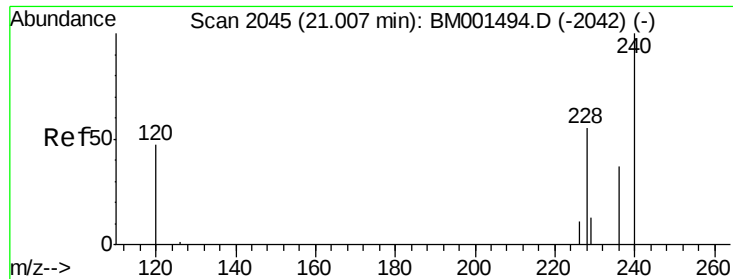
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#18
Terphenyl-d14
Concen: 0.99 ng
RT: 19.46 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.0	12.0
122	17.9	14.1	21.1





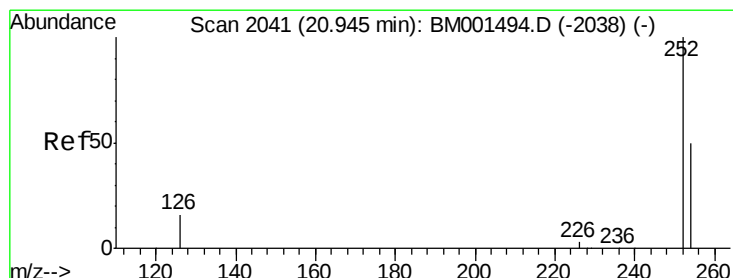
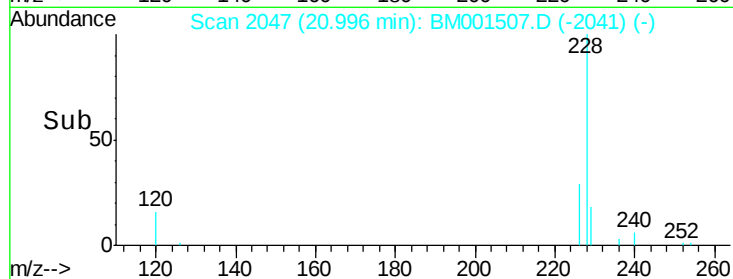
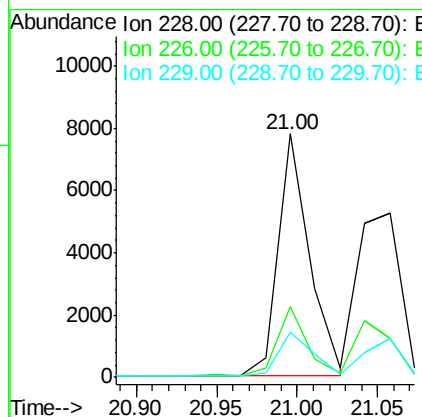
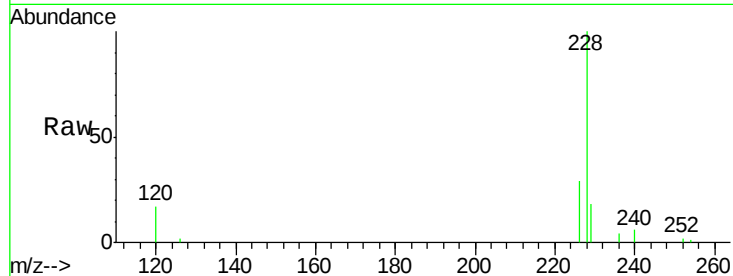
#19
Benzo(a)anthracene
Concen: 0.98 ng
RT: 21.00 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	17.5	26.3#
229	18.3	19.0	28.4#

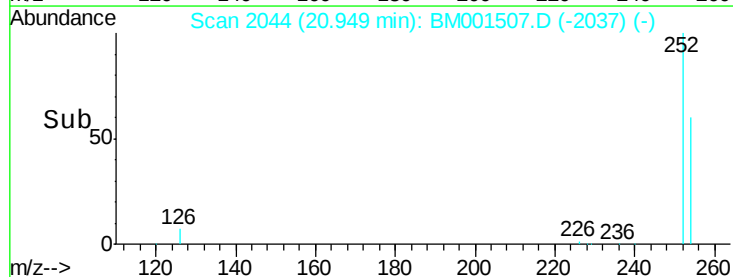
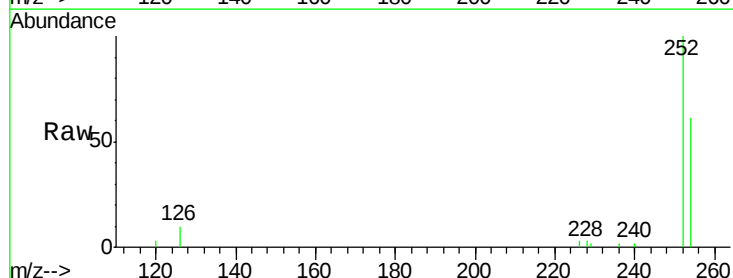
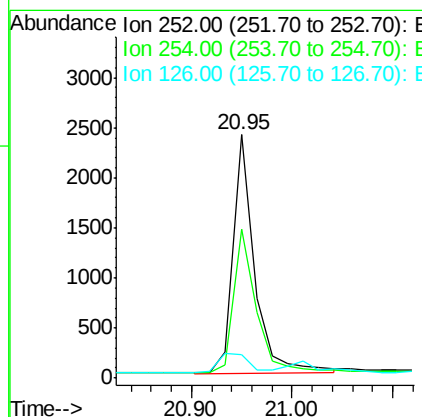
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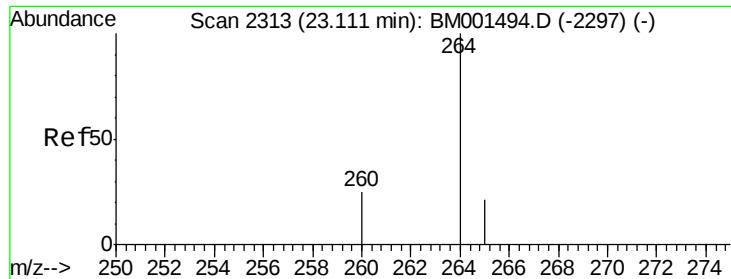
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#20
3,3'-Dichlorobenzidine
Concen: 1.00 ng m
RT: 20.95 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.9	41.2	61.8
126	9.5	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: BM001507.D
Acq: 31 May 2015 11:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt	Ion	264	Resp:	35416
Ion	Ratio	Lower	Upper	
264	100			
260	24.9	19.8	29.8	
265	21.9	18.0	27.0	

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