

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060115\
 Data File : BM001514.D
 Acq On : 01 Jun 2015 23:12
 Operator : TP/IZ
 Sample : SSTD16066
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16066

Manual Integrations
 APPROVED

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Quant Time: Jun 02 02:02:29 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 01:26:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	91674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	359466	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	209913	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	479918	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	601141	20.00	ng/ul	0.01
83) Perylene-d12	23.56	264	596881	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.89	99	1207874	173.67	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	679226	159.12	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.43	113	967398	167.41	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.65	131	650510	103.06	ng/ul	0.00
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.59	143	490065	166.99	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.50	200	473864	167.24	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

						Ovalue
4) Benzaldehyde	6.86	77	253139	68.39	ng/ul	98
6) Phenol	6.92	94	1267619	173.32	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	932145	162.19	ng/ul	99
11) 2-Methylphenol	8.16	108	950438	167.56	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.26	45	1225177	122.36	ng/ul	99
14) Acetophenone	8.55	105	1534569	162.57	ng/ul	98
16) 4-Methylphenol	8.50	108	1013247	164.81	ng/ul	98
30) 4-Chloroaniline	10.67	127	700171	107.93	ng/ul	98
32) Caprolactam	11.49	113	278220m	160.24	ng/ul	
37) Hexachlorocyclopentadiene	12.53	237	867905	218.86	ng/ul	95
48) 3-Nitroaniline	14.29	138	445675	135.88	ng/ul#	99
50) 2,4-Dinitrophenol	14.49	184	335356	174.10	ng/ul	96
52) 4-Nitrophenol	14.60	109	484849	187.34	ng/ul	99
60) 4-Nitroaniline	15.47	138	577881	161.76	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.51	198	513062	168.14	ng/ul#	90
67) Atrazine	16.60	200	851252	162.78	ng/ul	99
68) Pentachlorophenol	16.76	266	625249	194.63	ng/ul	100
72) Carbazole	17.53	167	3914686	153.71	ng/ul	99
74) Fluoranthene	19.18	202	5142402	159.65	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.23	252	1827729	157.12	ng/ul	99
84) Di-n-octyl phthalate	22.11	149	5684794	131.91	ng/ul	100

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 01:26:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

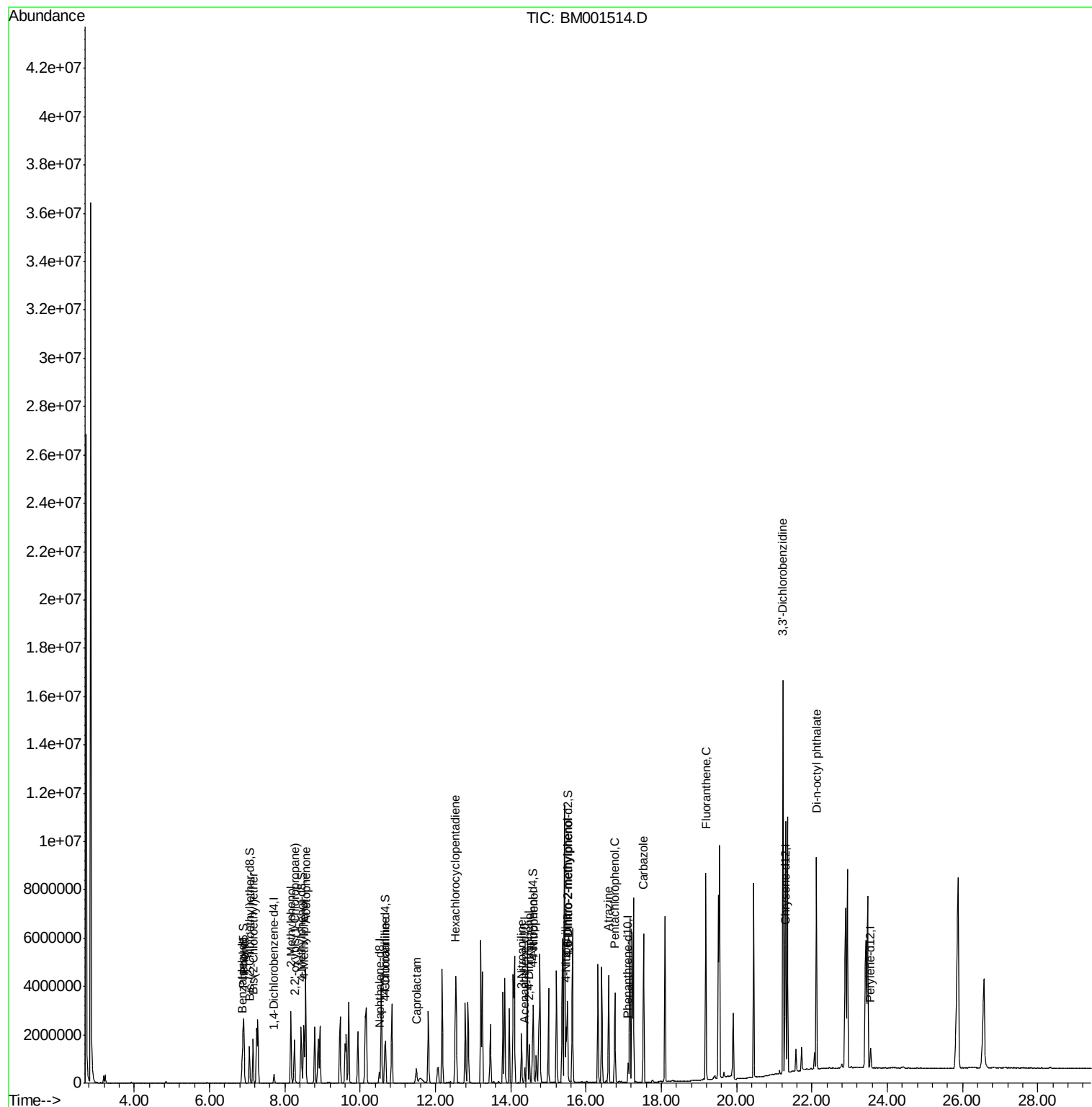
Data Path : Z:\HPCHEM1\BNA M\DATA\BM060115\
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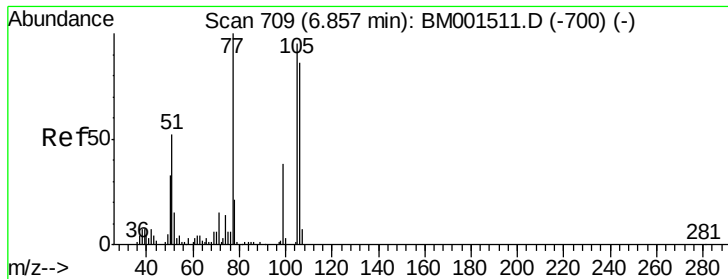
Instrument :
BNA_M
ClientSampleId :
SSTD16066

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#4

Benzaldehyde

Concen: 68.39 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Instrument :

BNA_M

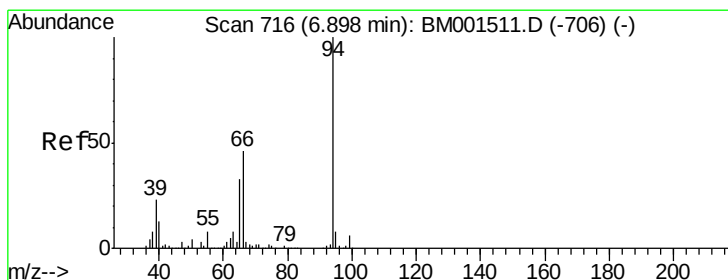
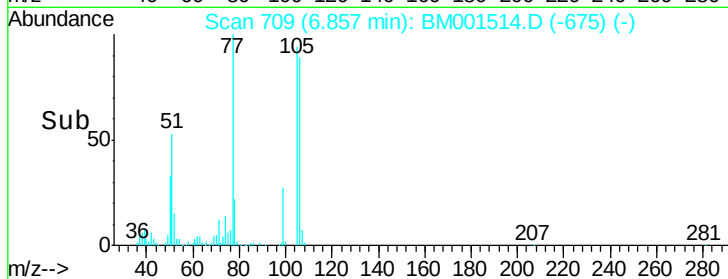
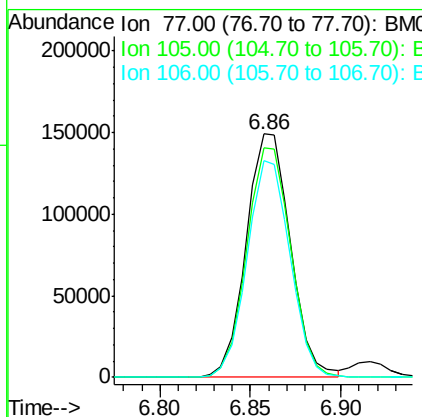
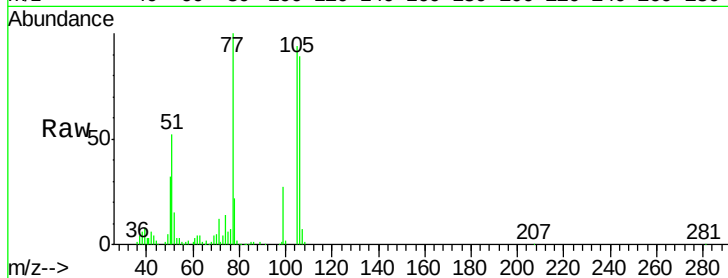
ClientSampleId :

SSTD16066

Tot Ion:	77	Resp:	253139
Ion Ratio	Lower	Upper	
77	100		
105	94.1	75.8	113.6
106	89.0	68.5	102.7

Manual Integrations
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#6

Phenol

Concen: 173.32 ng/ul

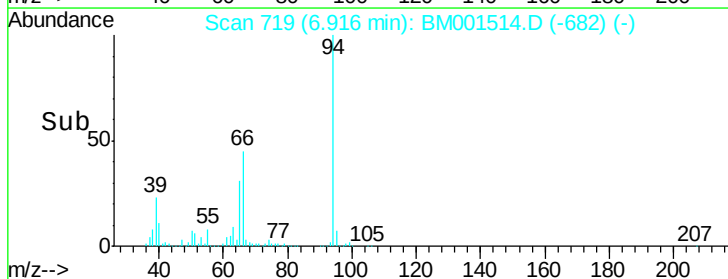
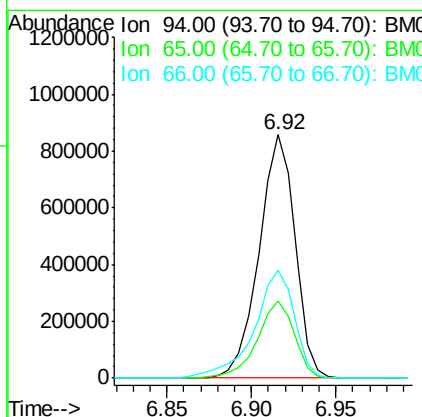
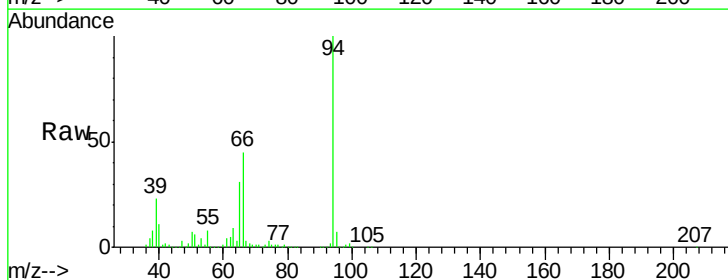
RT: 6.92 min Scan# 719

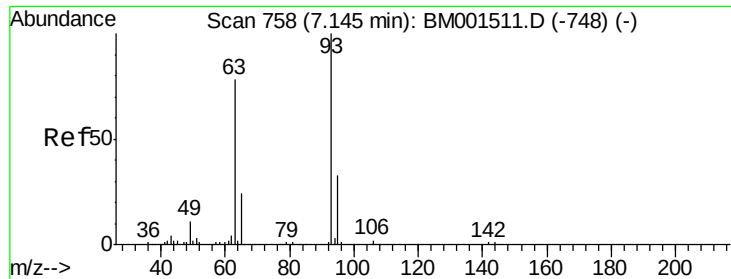
Delta R.T. 0.02 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Tgt Ion:	94	Resp:	1267619
Ion Ratio	Lower	Upper	
94	100		
65	31.5	26.0	39.0
66	44.5	36.5	54.7





#8

Bis(2-Chloroethyl)ether

Concen: 162.19 ng/ul

RT: 7.15 min Scan# 759

Delta R.T. 0.01 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Instrument :

BNA_M

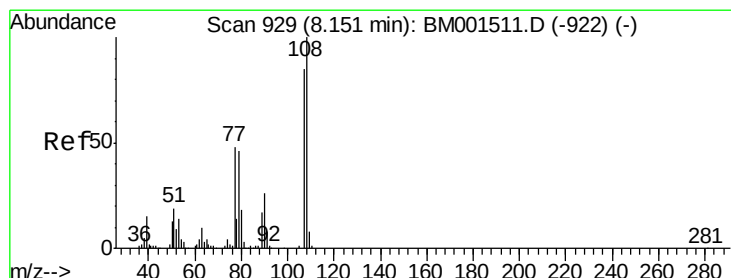
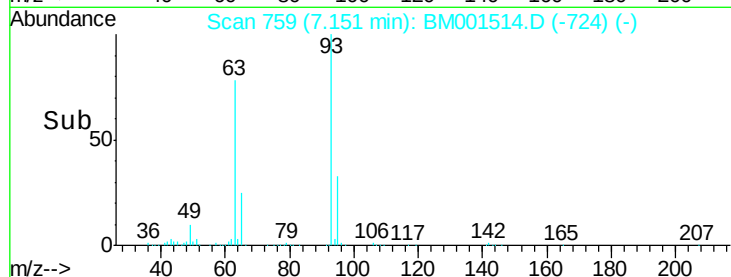
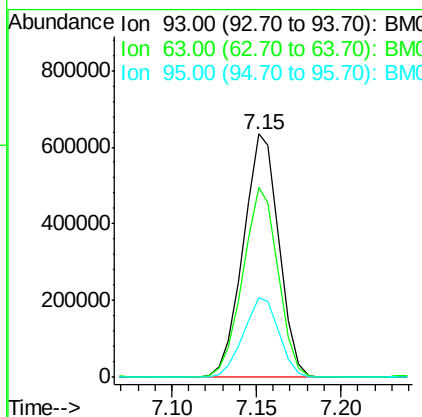
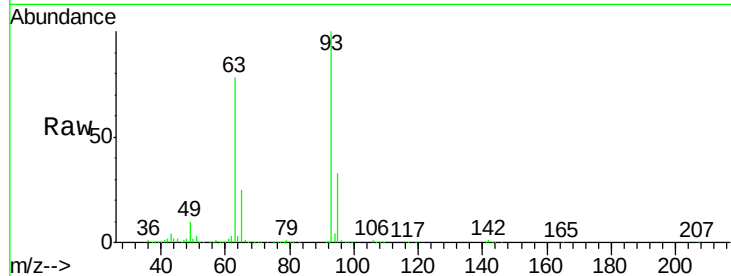
ClientSampleId :

SSTD16066

Tot Ion:	93	Resp:	932145
Ion Ratio	Lower	Upper	
93	100		
63	78.1	62.0	93.0
95	33.0	26.0	39.0

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#11

2-Methylphenol

Concen: 167.56 ng/ul

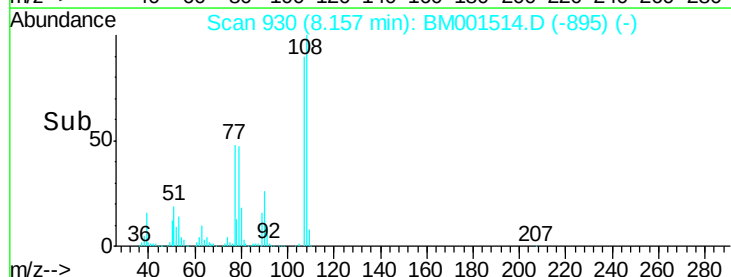
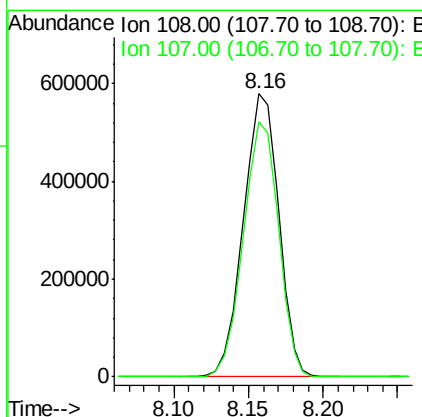
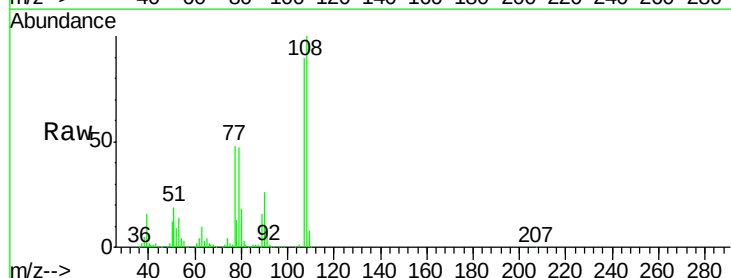
RT: 8.16 min Scan# 930

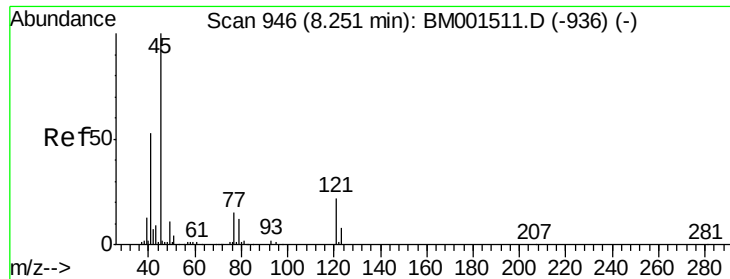
Delta R.T. 0.01 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Tgt Ion:	108	Resp:	950438
Ion Ratio	Lower	Upper	
108	100		
107	90.0	68.3	102.5





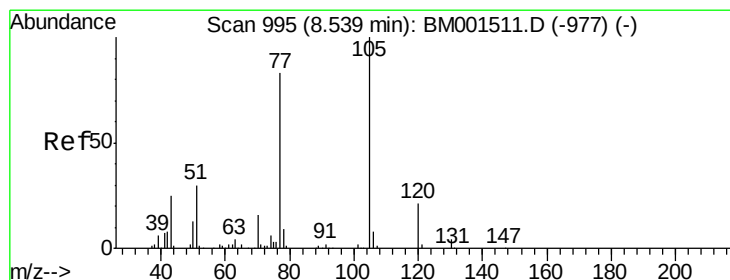
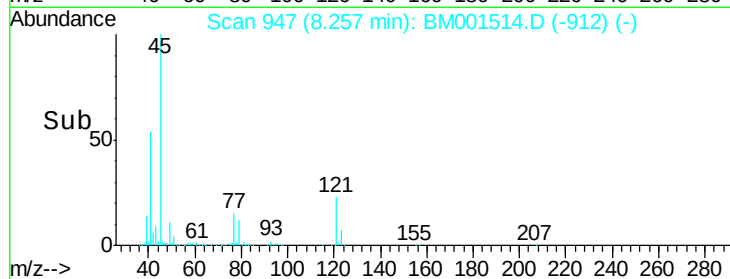
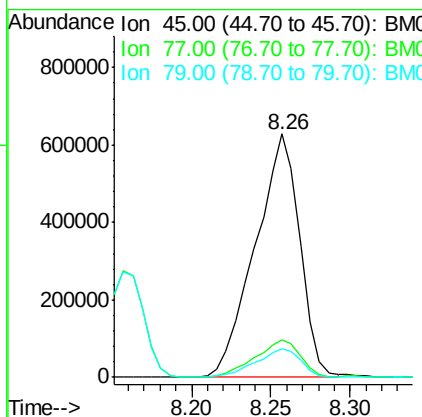
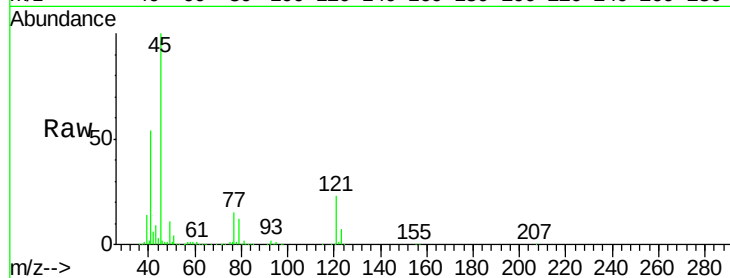
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 122.36 ng/ul
RT: 8.26 min Scan# 947
Delta R.T. 0.01 min
Lab File: BM001514.D
Acq: 01 Jun 2015 23:12

Instrument :
BNA_M
ClientSampleId :
SSTD16066

Tot Ion	Ratio	Lower	Upper
45	100		
77	15.2	12.0	18.0
79	11.9	10.0	15.0

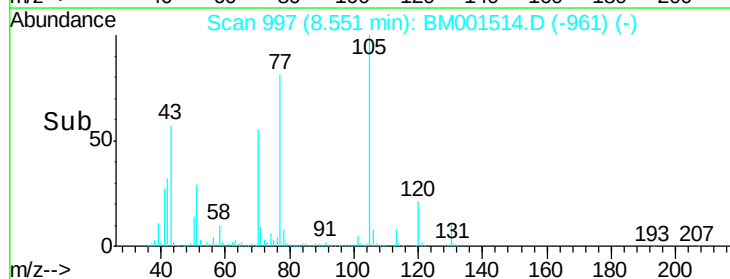
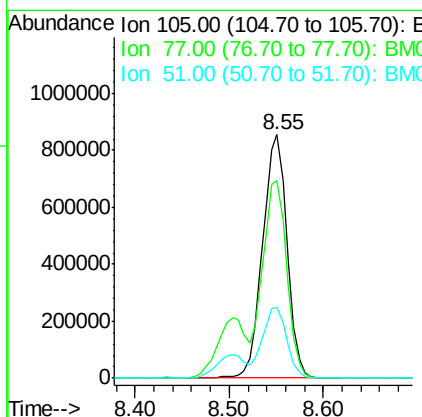
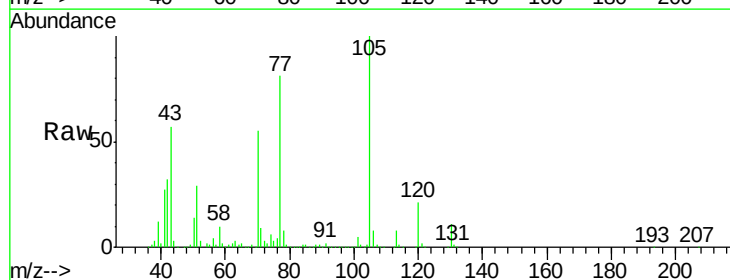
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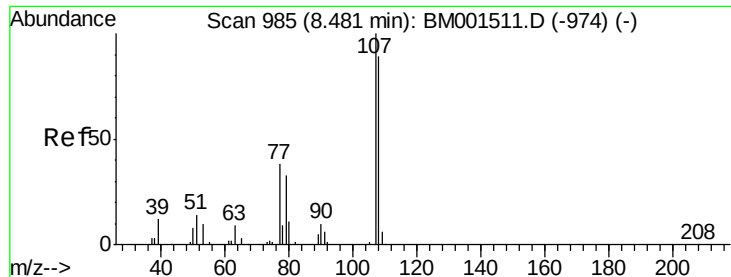
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#14
Acetophenone
Concen: 162.57 ng/ul
RT: 8.55 min Scan# 997
Delta R.T. 0.01 min
Lab File: BM001514.D
Acq: 01 Jun 2015 23:12

Tgt Ion	Ratio	Lower	Upper
105	100		
77	81.1	66.5	99.7
51	28.9	24.3	36.5





#16

4-Methylphenol

Concen: 164.81 ng/ul

RT: 8.50 min Scan# 989

Delta R.T. 0.02 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Instrument :

BNA_M

ClientSampleId :

SSTD16066

Tot Ion:108 Resp: 1013247

Ion Ratio Lower Upper

108 100

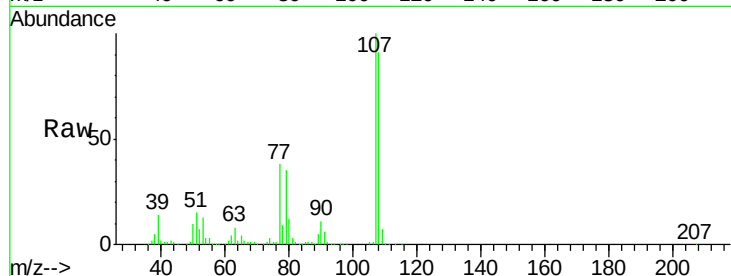
107 110.4 90.4 135.6

Manual Integrations

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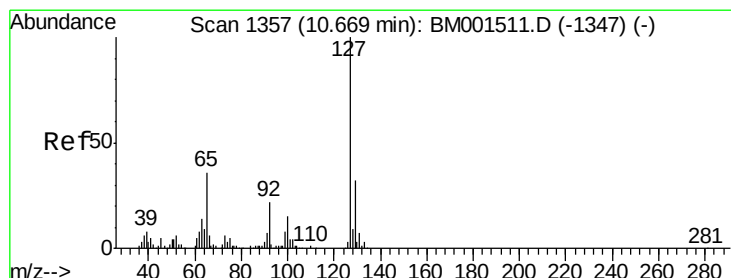
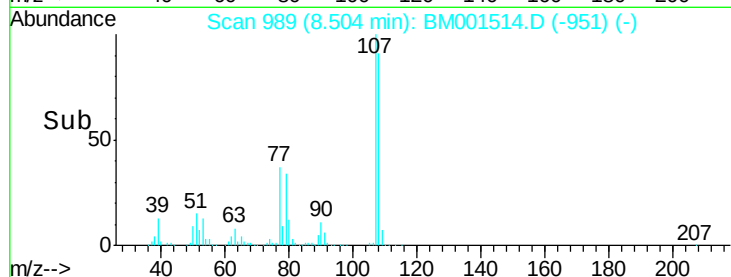
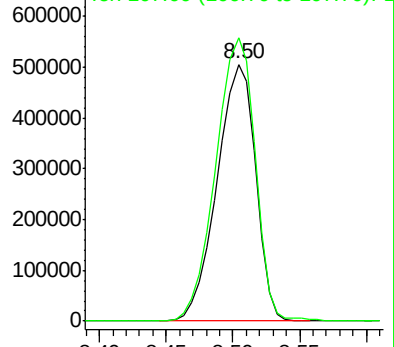
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#30

4-Chloroaniline

Concen: 107.93 ng/ul

RT: 10.67 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BM001514.D

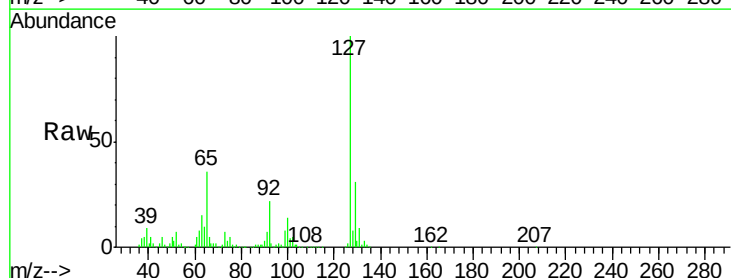
Acq: 01 Jun 2015 23:12

Tgt Ion:127 Resp: 700171

Ion Ratio Lower Upper

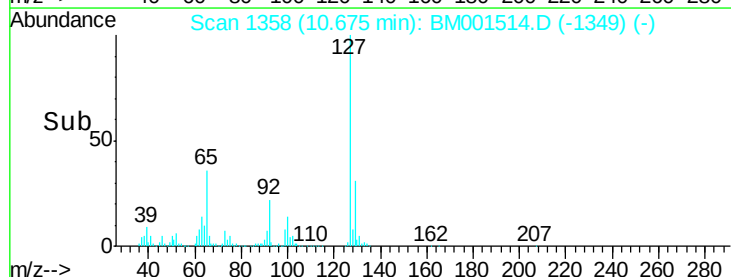
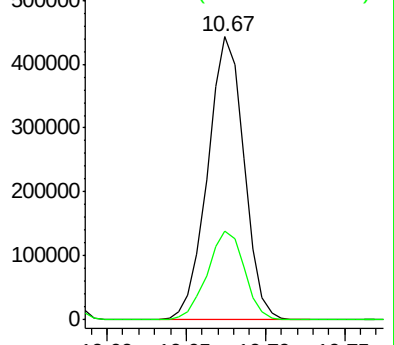
127 100

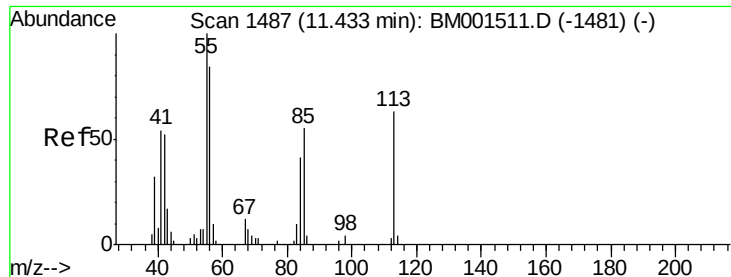
129 31.5 25.9 38.9



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 160.24 ng/ul m

RT: 11.49 min Scan# 1497

Delta R.T. 0.06 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Instrument :

BNA_M

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Tot Ion:113 Resp: 278220

Ion Ratio Lower Upper

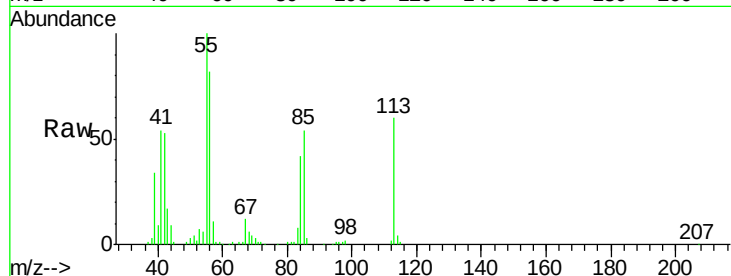
113 100

55 167.5 133.1 199.7

56 137.8 110.2 165.2

Manual Integrations
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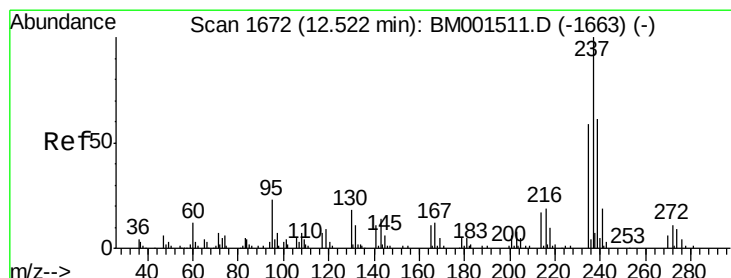
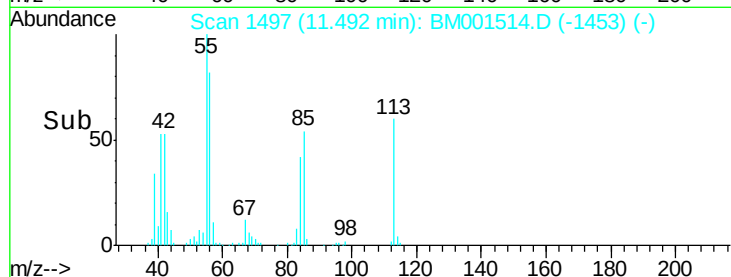
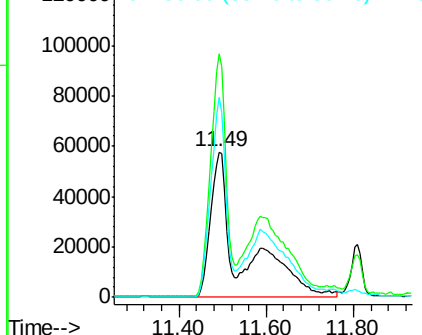
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

Hexachlorocyclopentadiene

Concen: 218.86 ng/ul

RT: 12.53 min Scan# 1673

Delta R.T. 0.01 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

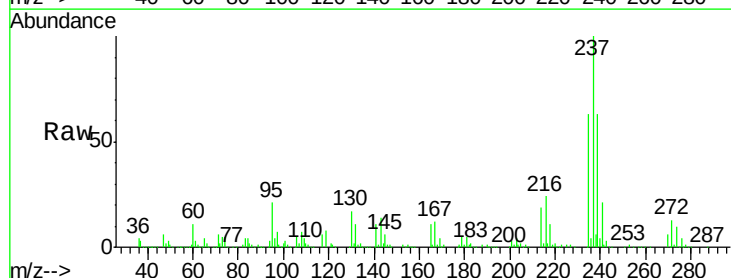
Tgt Ion:237 Resp: 867905

Ion Ratio Lower Upper

237 100

235 63.2 47.1 70.7

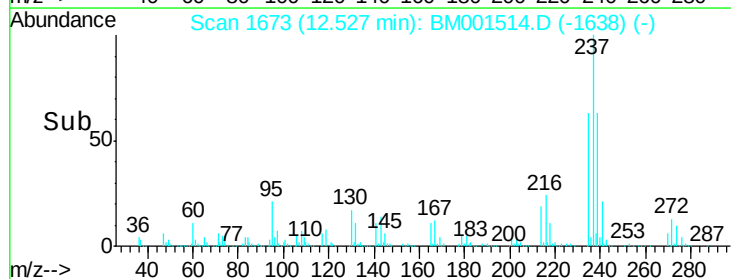
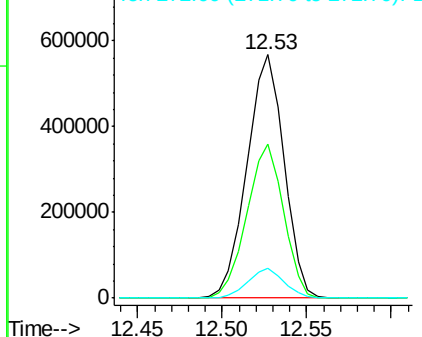
272 12.5 9.0 13.6

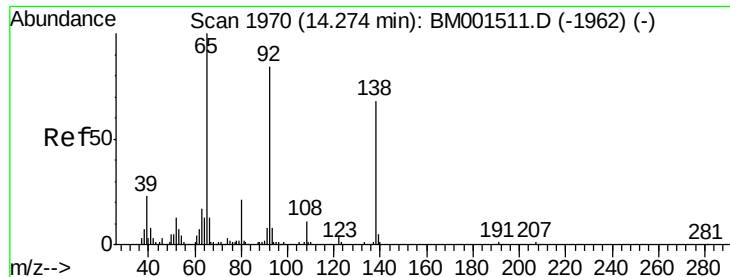


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





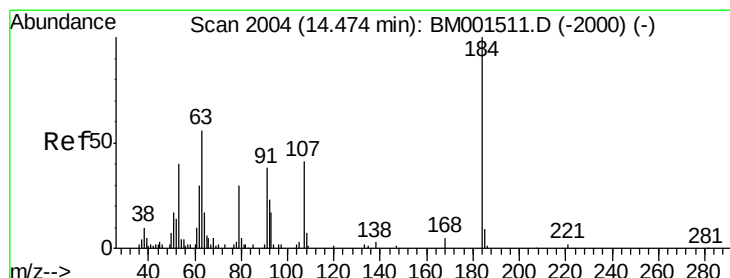
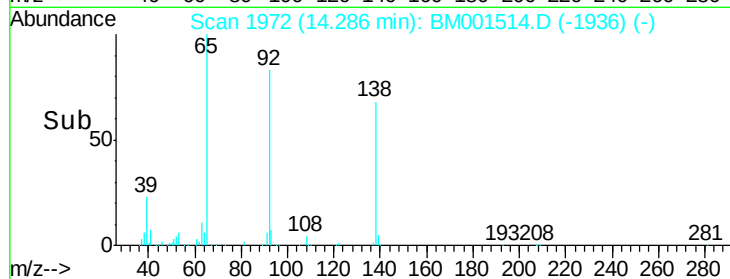
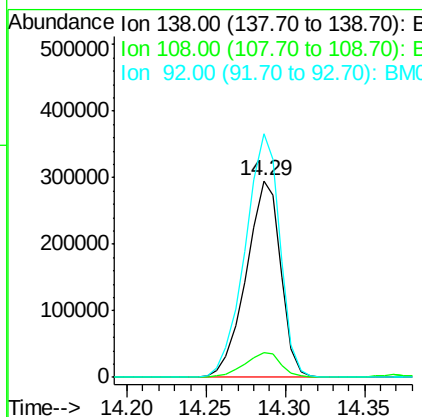
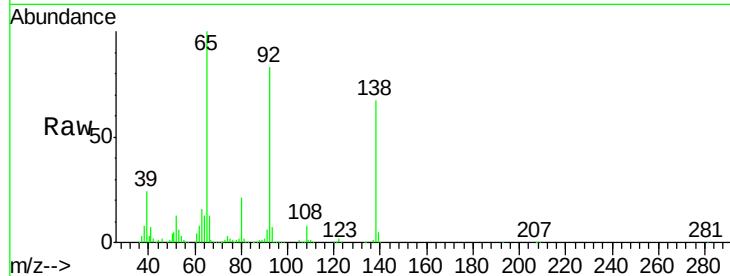
#48
 3-Nitroaniline
 Concen: 135.88 ng/ul
 RT: 14.29 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BM001514.D
 Acq: 01 Jun 2015 23:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16066

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.5	13.2	19.8#	
92	123.8	99.3	148.9	

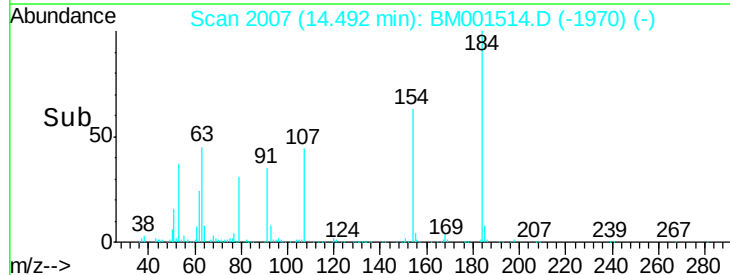
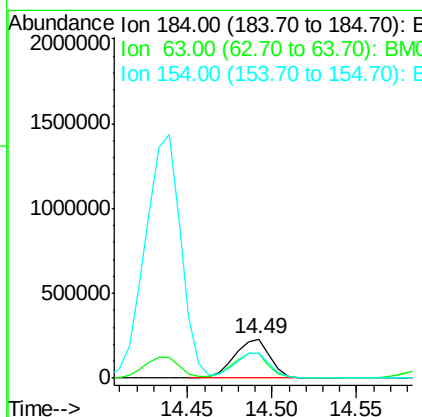
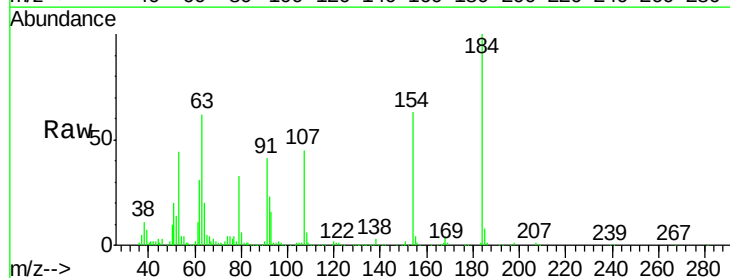
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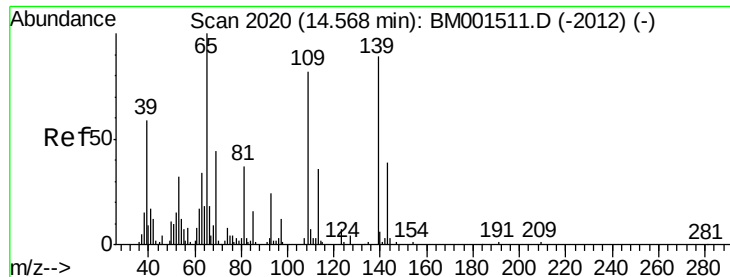
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#50
 2,4-Dinitrophenol
 Concen: 174.10 ng/ul
 RT: 14.49 min Scan# 2007
 Delta R.T. 0.02 min
 Lab File: BM001514.D
 Acq: 01 Jun 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.0	49.2	73.8	
154	63.3	46.5	69.7	





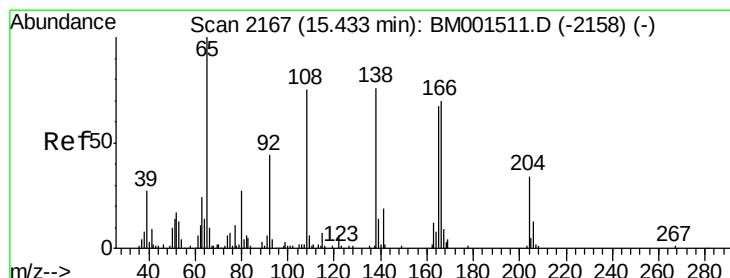
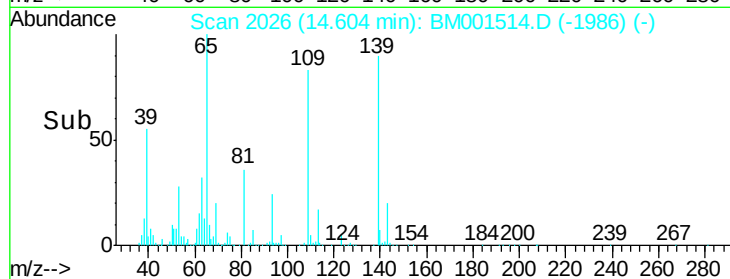
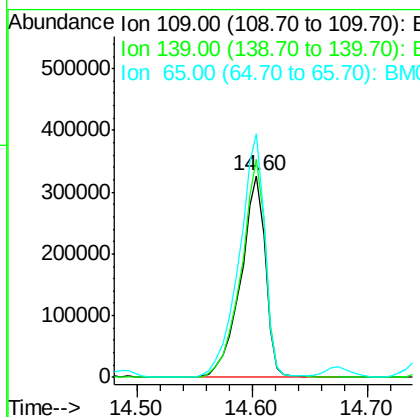
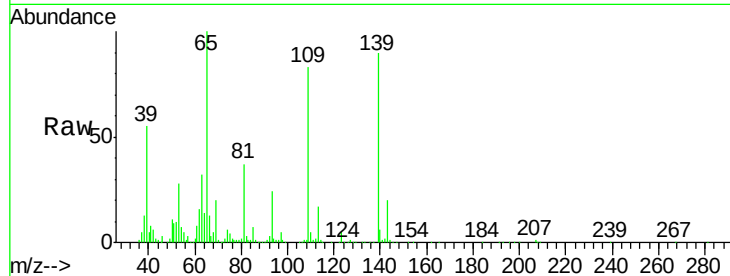
#52
4-Nitrophenol
Concen: 187.34 ng/ul
RT: 14.60 min Scan# 2026
Delta R.T. 0.04 min
Lab File: BM001514.D
Acq: 01 Jun 2015 23:12

Instrument :
BNA_M
ClientSampleId :
SSTD16066

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	108.1	87.4	131.0	
65	120.6	97.7	146.5	

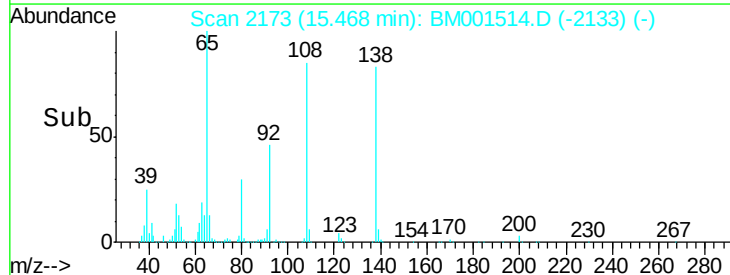
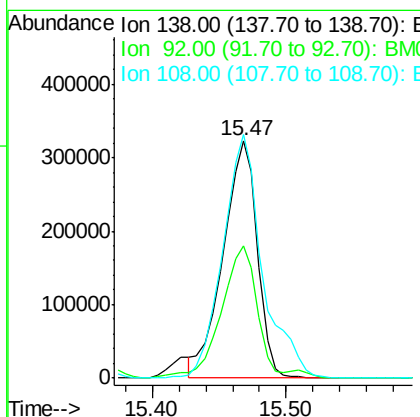
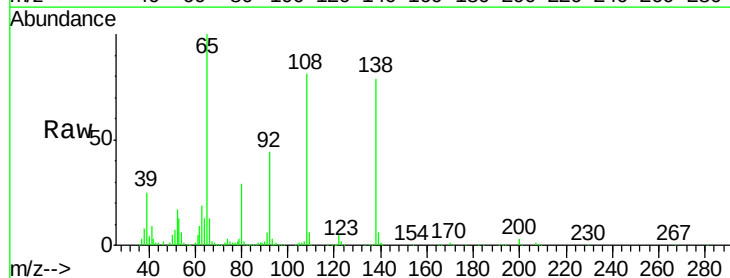
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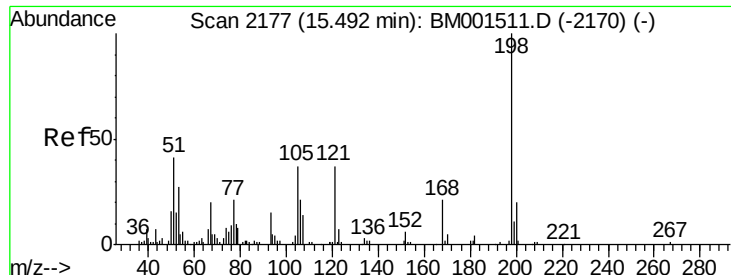
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#60
4-Nitroaniline
Concen: 161.76 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. 0.04 min
Lab File: BM001514.D
Acq: 01 Jun 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.8	46.2	69.2	
108	102.4	78.5	117.7	





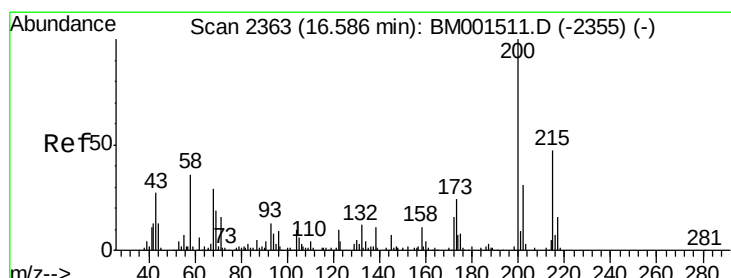
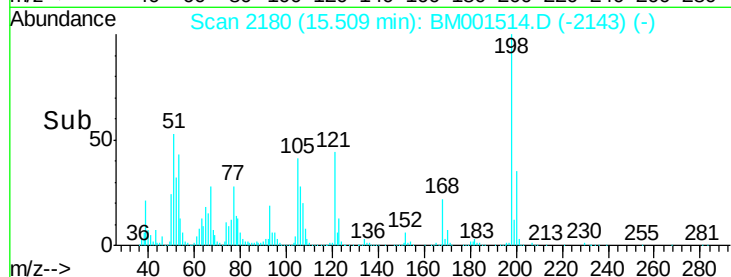
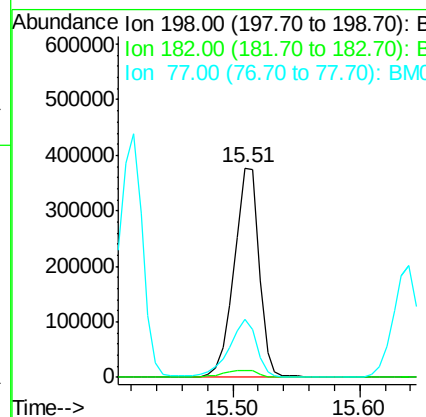
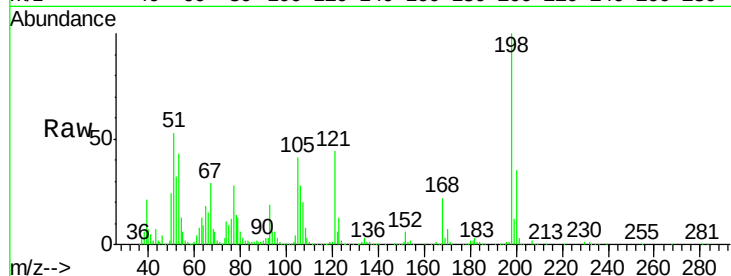
#63
 4,6-Dinitro-2-methylphenol
 Concen: 168.14 ng/ul
 RT: 15.51 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BM001514.D
 Acq: 01 Jun 2015 23:12

Instrument :
 BNA_M
 ClientSampled :
 SSTD16066

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
182	3.5	3.0	4.4	
77	27.9	18.0	27.0	

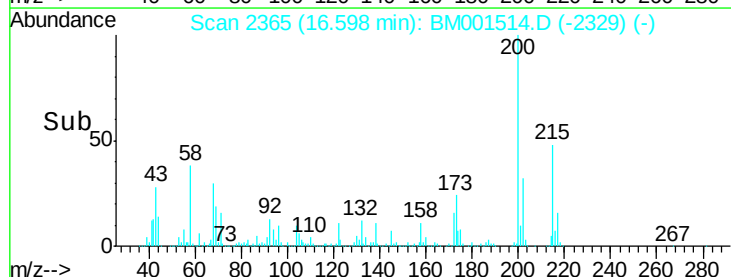
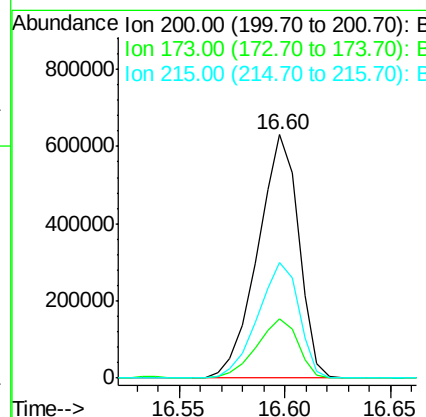
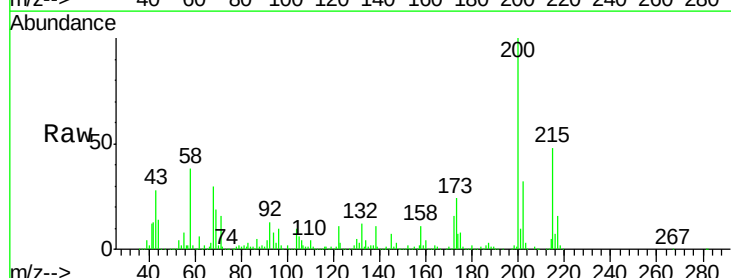
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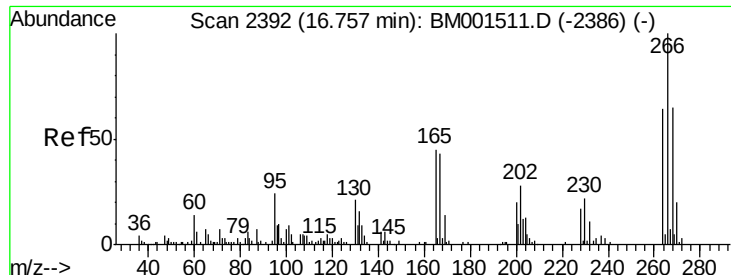
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#67
 Atrazine
 Concen: 162.78 ng/ul
 RT: 16.60 min Scan# 2365
 Delta R.T. 0.01 min
 Lab File: BM001514.D
 Acq: 01 Jun 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.4	19.0	28.4	
215	47.7	37.4	56.2	





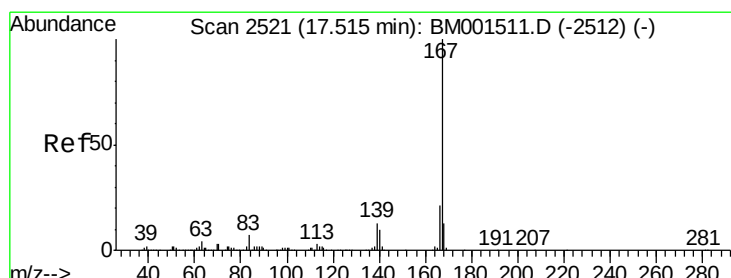
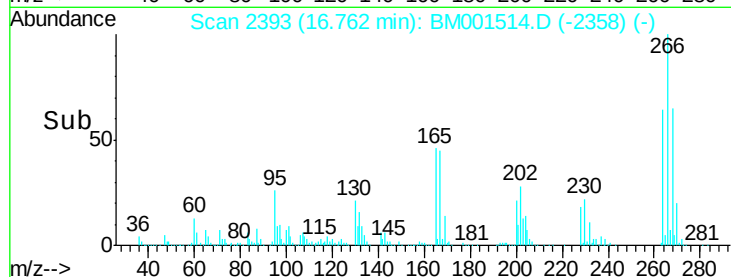
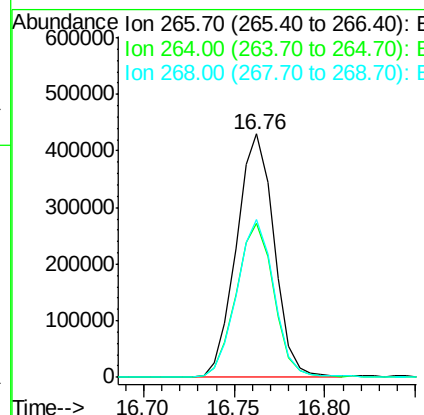
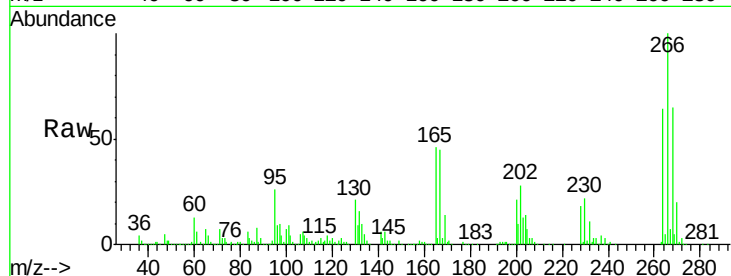
#68
 Pentachlorophenol
 Concen: 194.63 ng/ul
 RT: 16.76 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM001514.D
 Acq: 01 Jun 2015 23:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16066

Tot Ion	Ratio	Resp	Lower	Upper
266	100	625249		
264	63.5	51.2	76.8	
268	64.7	51.8	77.8	

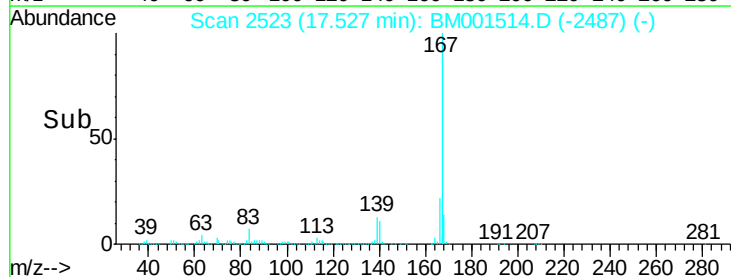
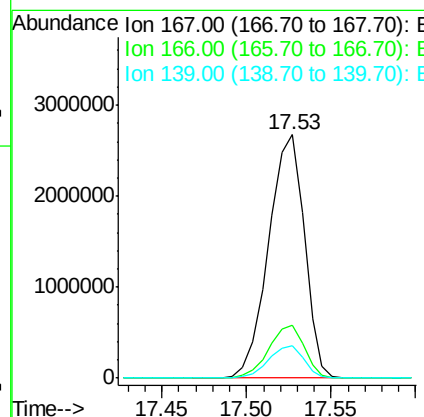
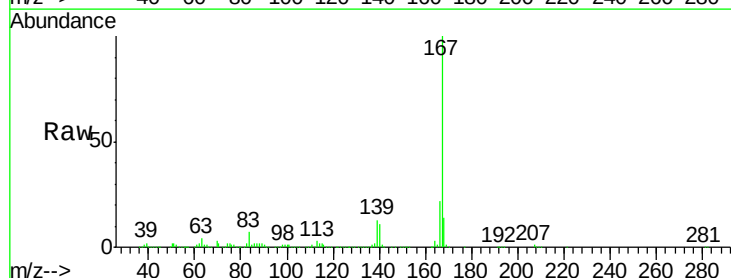
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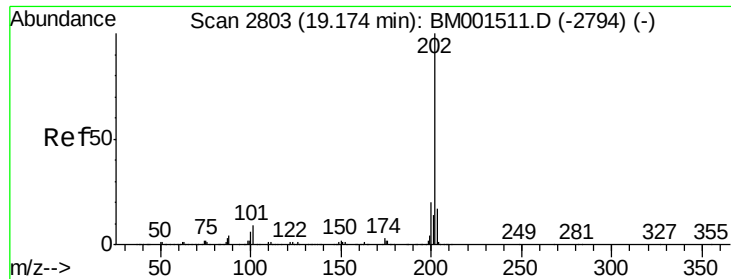
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#72
 Carbazole
 Concen: 153.71 ng/ul
 RT: 17.53 min Scan# 2523
 Delta R.T. 0.01 min
 Lab File: BM001514.D
 Acq: 01 Jun 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	3914686		
166	21.8	16.6	25.0	
139	13.2	10.4	15.6	





#74

Fluoranthene

Concen: 159.65 ng/ul

RT: 19.18 min Scan# 2804

Delta R.T. 0.01 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Instrument :

BNA_M

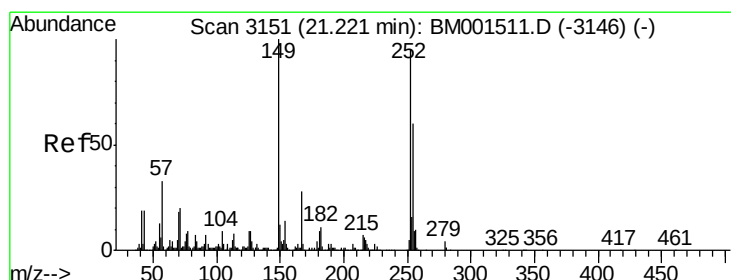
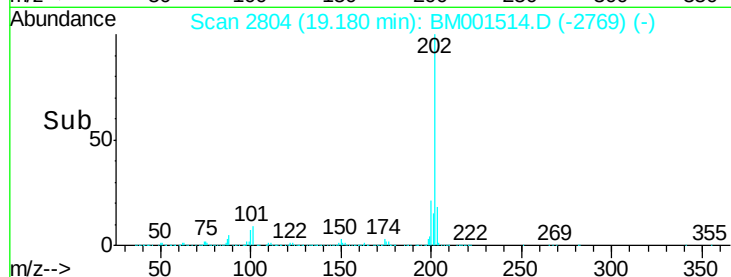
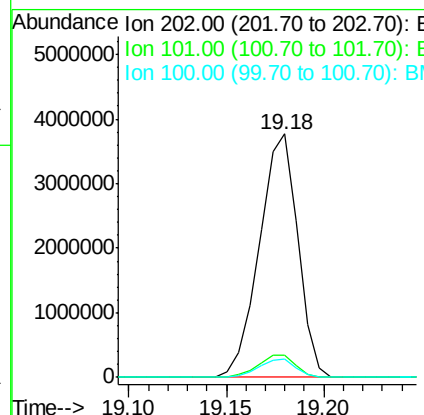
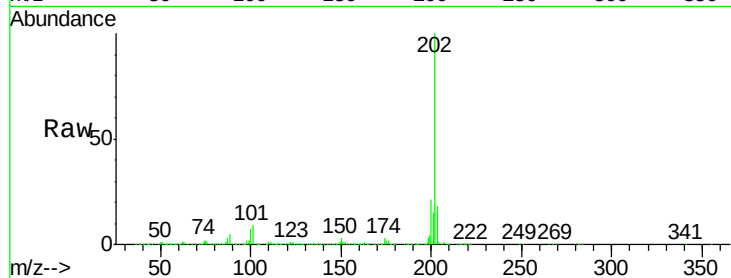
ClientSampleId :

SSTD16066

Tot Ion:	202	Resp:	5142402
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.0	10.4
100	7.3	5.1	7.7

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#79

3,3'-Dichlorobenzidine

Concen: 157.12 ng/ul

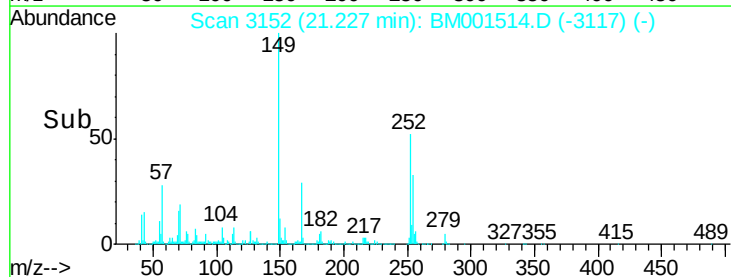
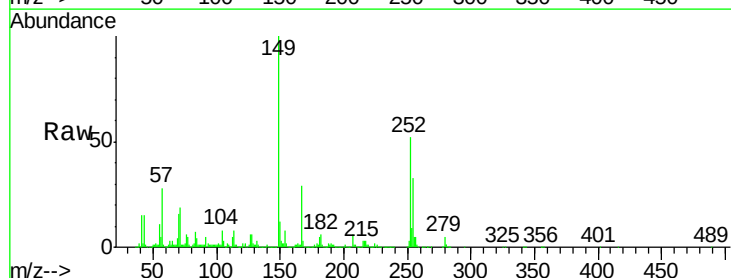
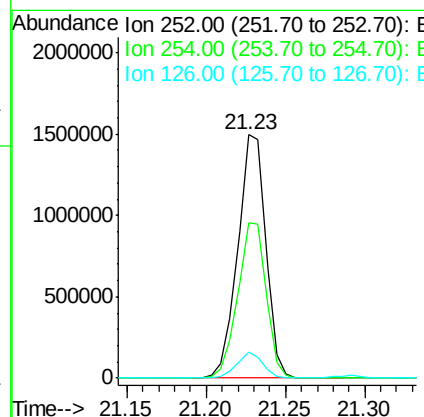
RT: 21.23 min Scan# 3152

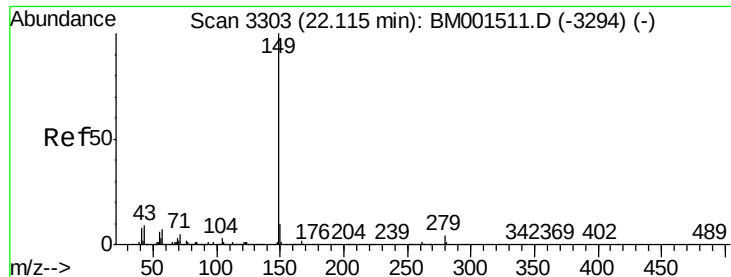
Delta R.T. 0.01 min

Lab File: BM001514.D

Acq: 01 Jun 2015 23:12

Tgt Ion:	252	Resp:	1827729
Ion Ratio	Lower	Upper	
252	100		
254	63.6	50.6	75.8
126	10.6	8.0	12.0





#84
 Di-n-octyl phthalate
 Concen: 131.91 ng/ul
 RT: 22.11 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: BM001514.D
 Acq: 01 Jun 2015 23:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16066

Tgt Ion:149 Resp: 5684794

Manual Integrations
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