

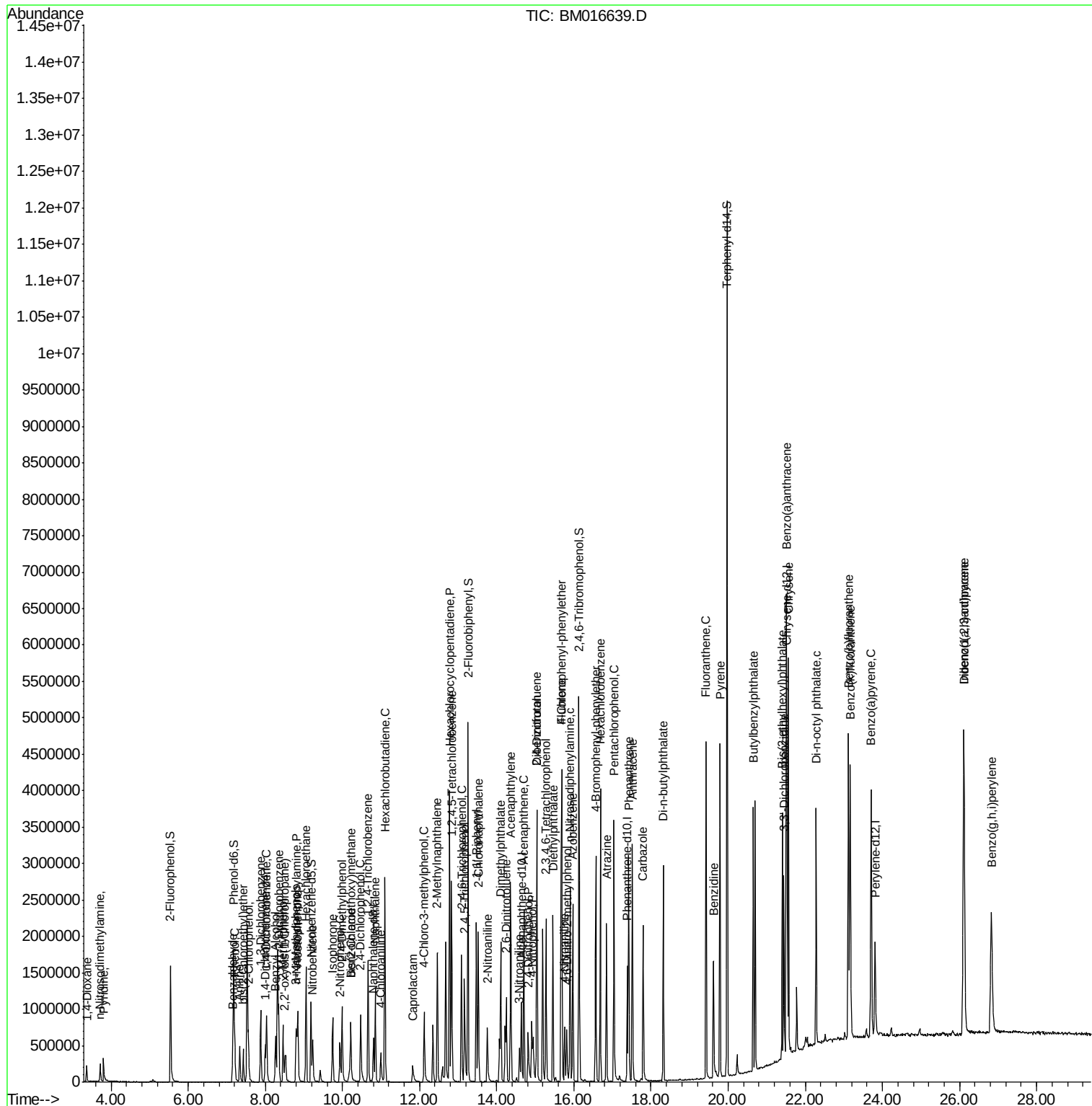
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016639.D
Acq On : 31 Aug 2018 16:37
Operator : SJ/JU
Sample : PB112537BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

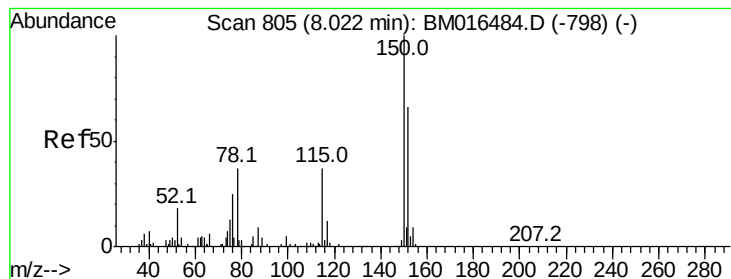
Instrument :
BNA_M
ClientSampleId :
PB112537BS

Manual Integrations
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Sohil
9/4/2018 4:39:12 PM

Quant Time: Aug 31 17:27:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration





#1

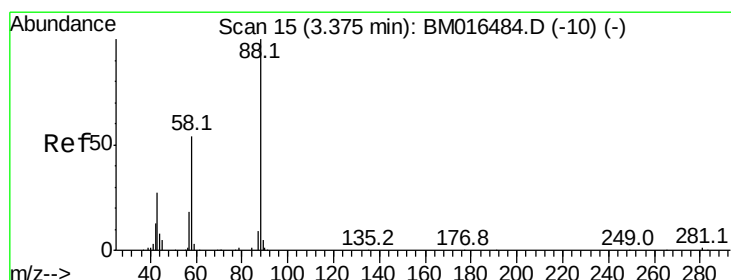
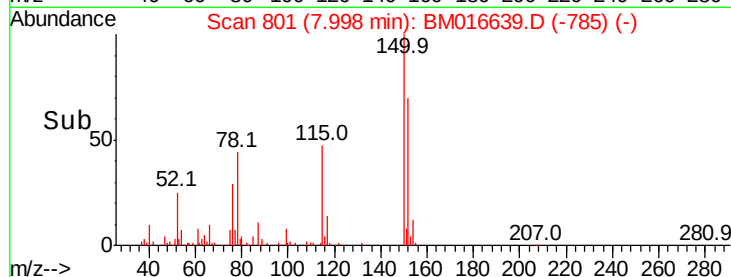
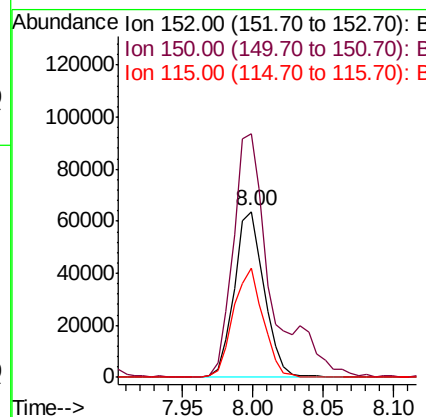
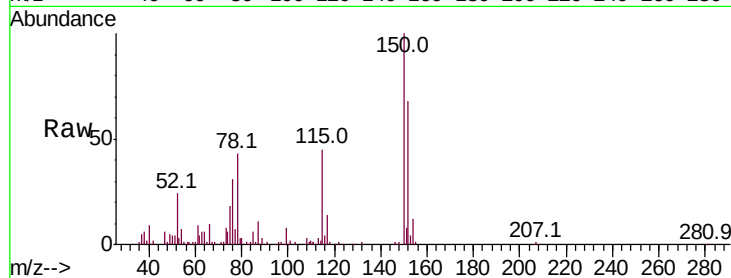
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	66.1	43.0	64.4#

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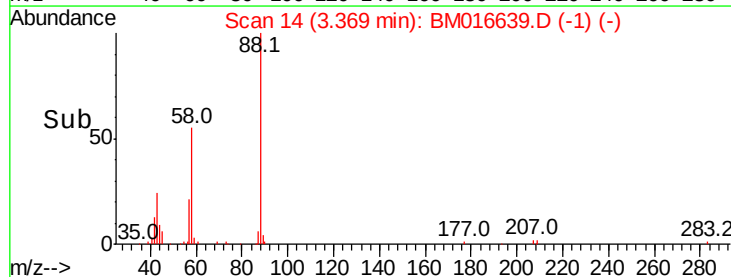
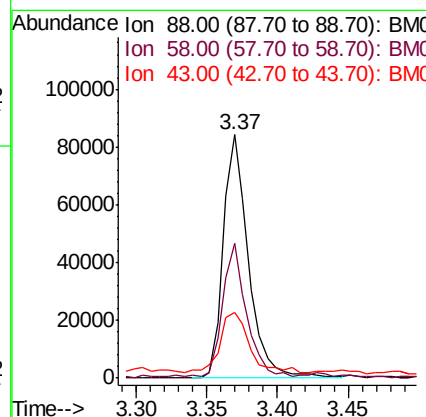
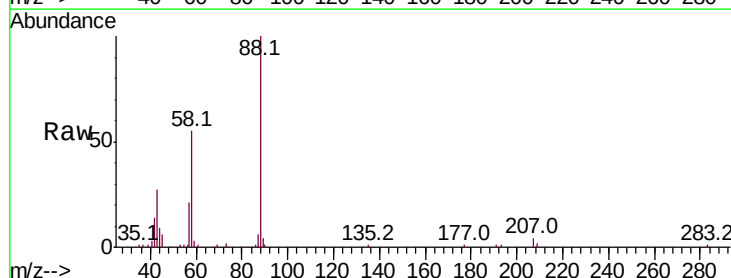
Sohil
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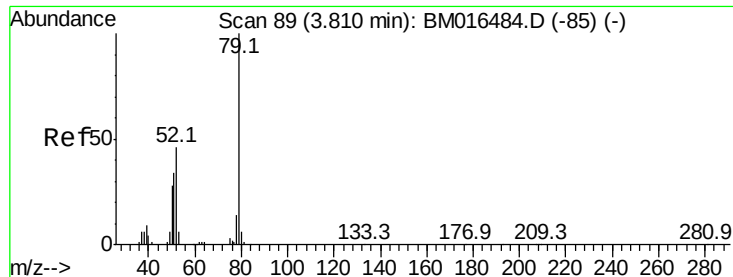


#2

1,4-Dioxane
Concen: 39.479 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.6	0.0	0.0#
43	28.7	0.0	0.0#





#3

Pvridine

Concen: 33.677 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

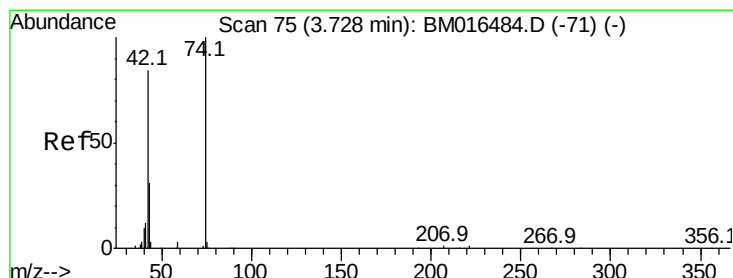
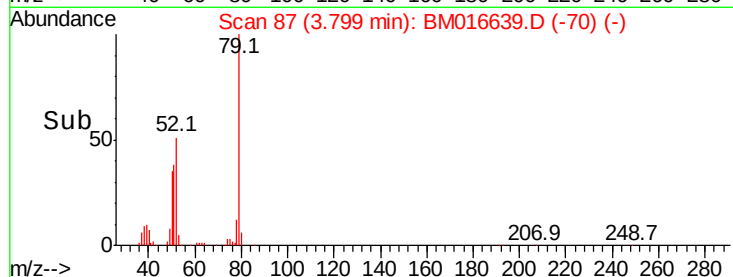
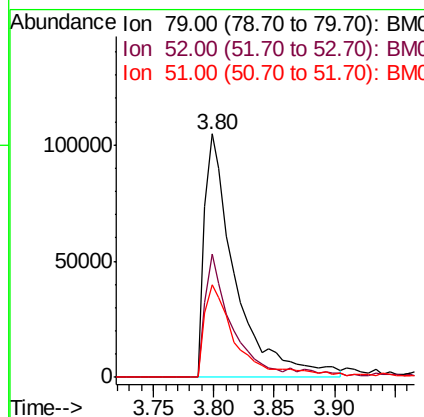
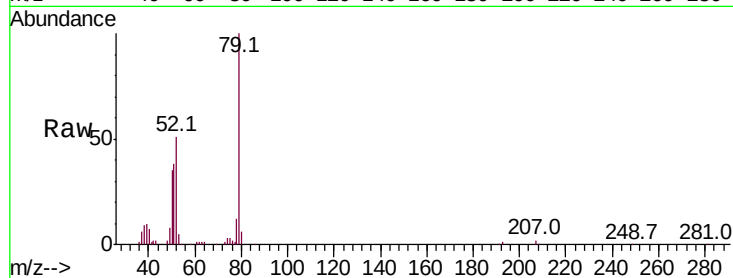
ClientSampleId :

PB112537BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	50.5	51.1	76.7#
51	38.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 51.087 ng

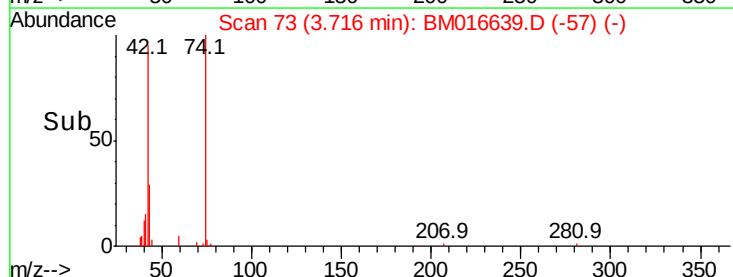
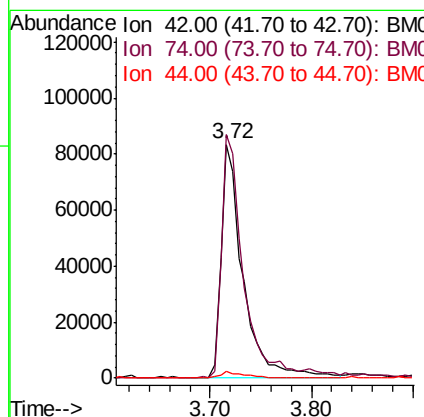
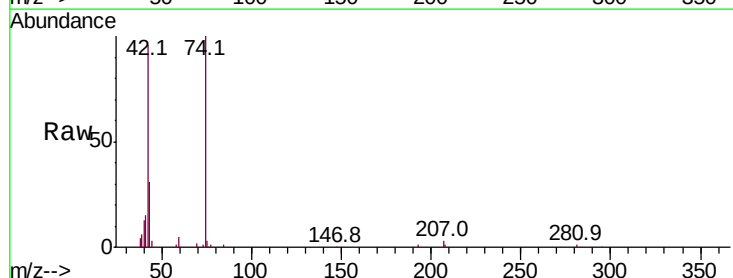
RT: 3.72 min Scan# 73

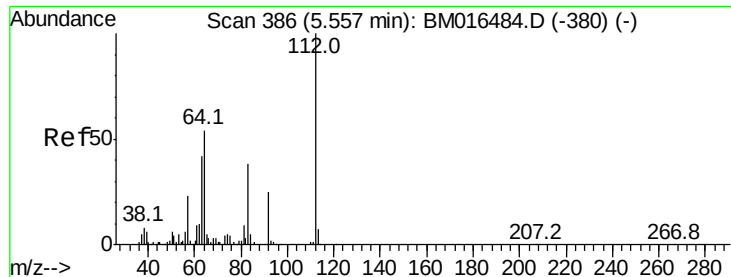
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.1	119.3	178.9#
44	3.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 107.934 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.00 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

ClientSampleId :

PB112537BS

Tot Ion: 112 Resp: 516994

Ion Ratio Lower Upper

112 100

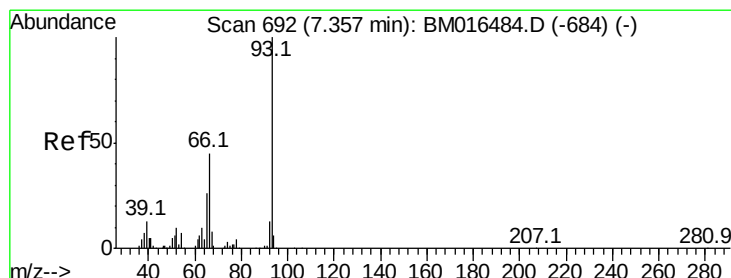
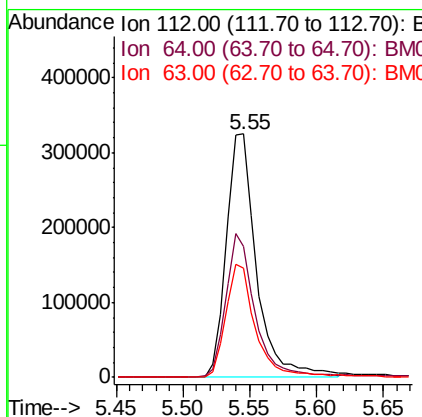
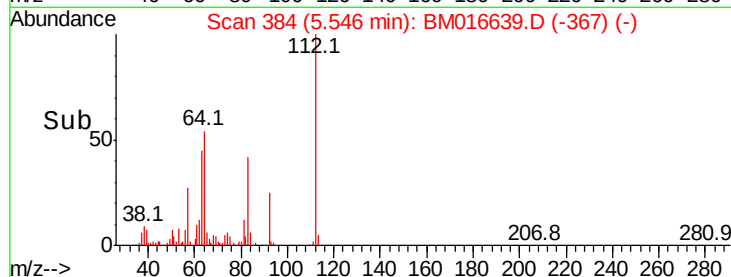
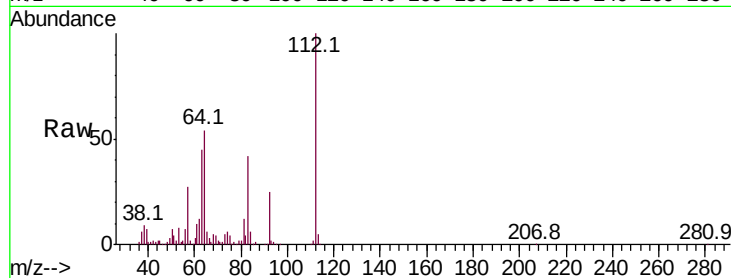
64 53.6 38.6 57.8

63 44.8 19.3 28.9#

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#6

Aniline

Concen: 34.944 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

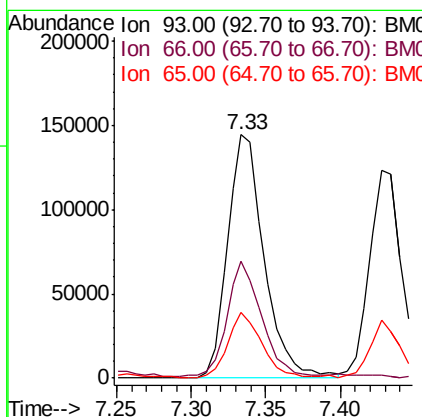
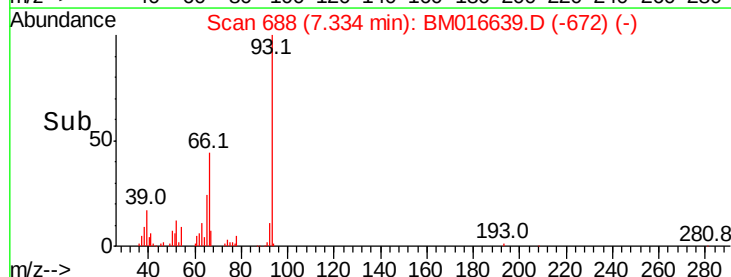
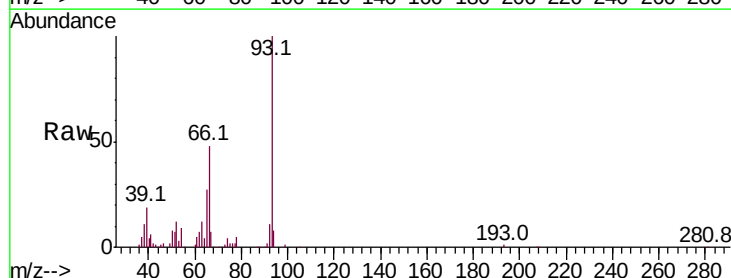
Tgt Ion: 93 Resp: 247846

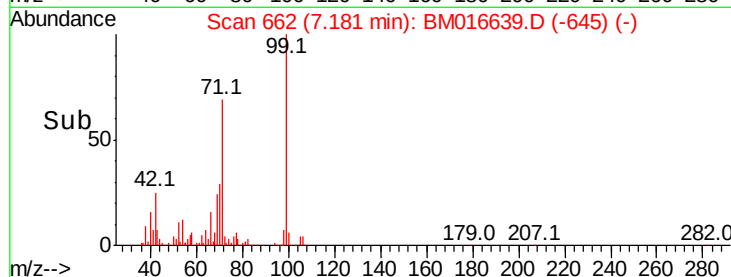
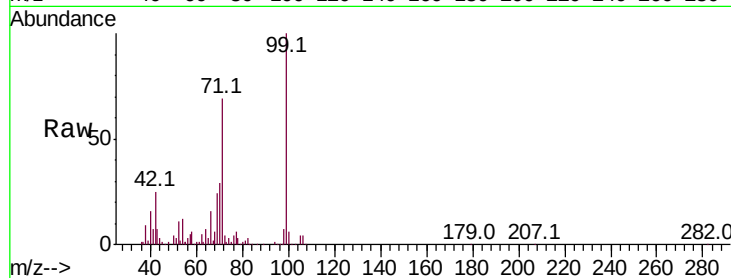
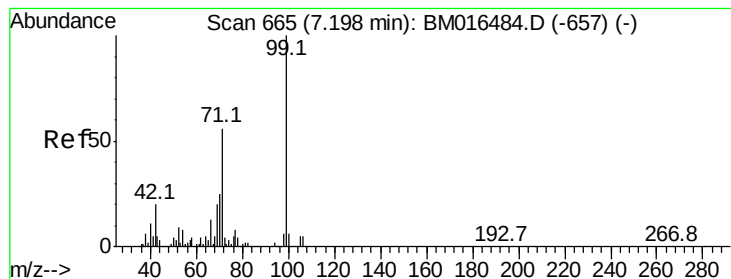
Ion Ratio Lower Upper

93 100

66 48.3 30.8 46.2#

65 26.9 16.0 24.0#





#7

Phenol-d6

Concen: 101.775 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tot Ion	99	Resp	645086
Ion Ratio	Lower	Upper	
99	100		
42	24.8	11.0	16.4#
71	69.4	23.4	35.2#

Instrument :

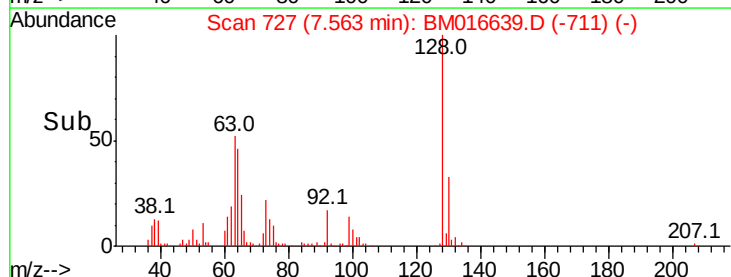
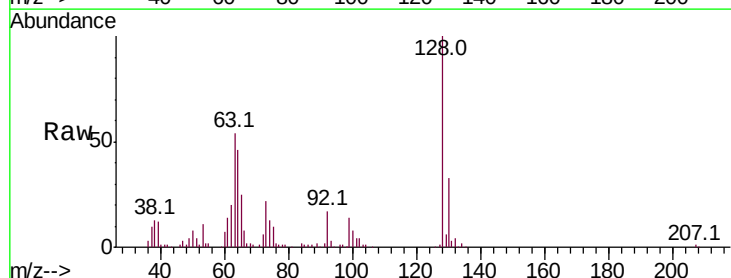
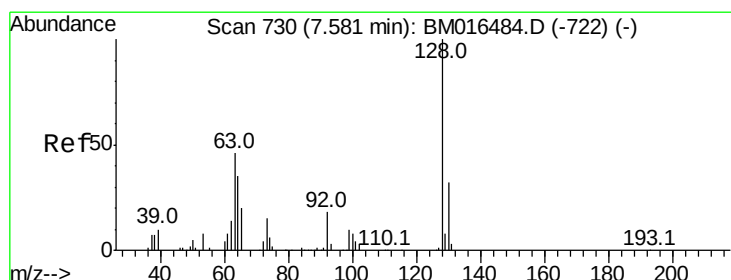
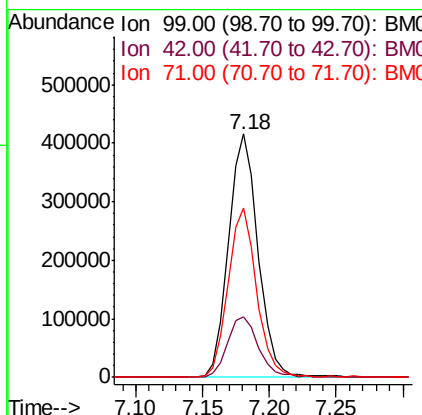
BNA_M

ClientSampled :

PB112537BS

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#8

2-Chlorophenol

Concen: 43.804 ng

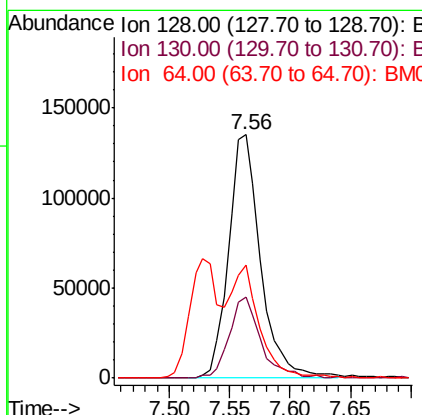
RT: 7.56 min Scan# 727

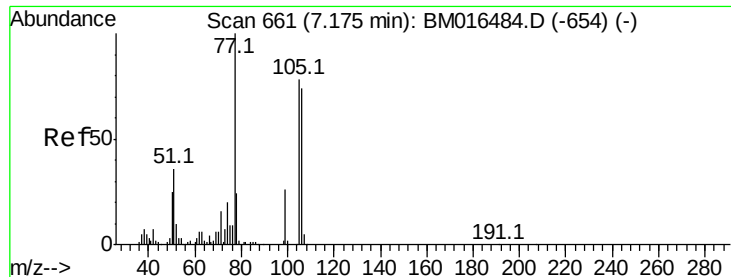
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion	128	Resp	249664
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.0	52.0
64	46.2	24.9	64.9





#9

Benzaldehyde

Concen: 36.062 ng

RT: 7.15 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

ClientSampleId :

PB112537BS

Tot Ion: 77 Resp: 158627

Ion Ratio Lower Upper

77 100

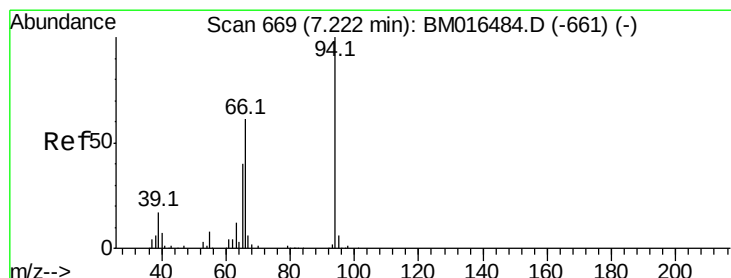
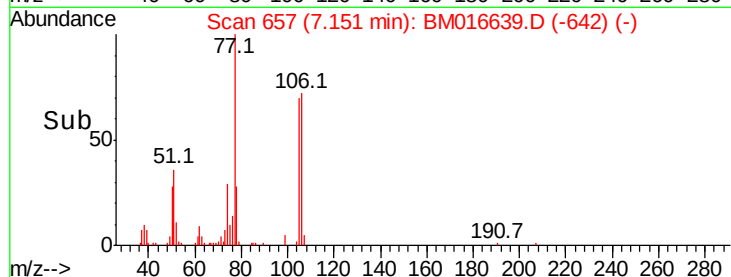
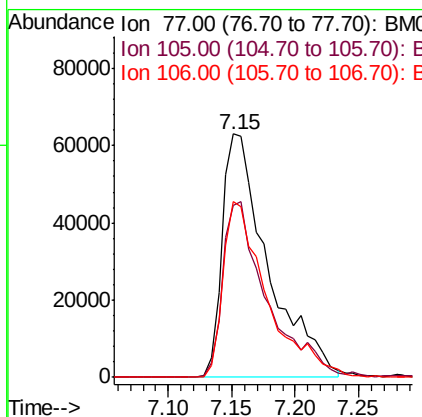
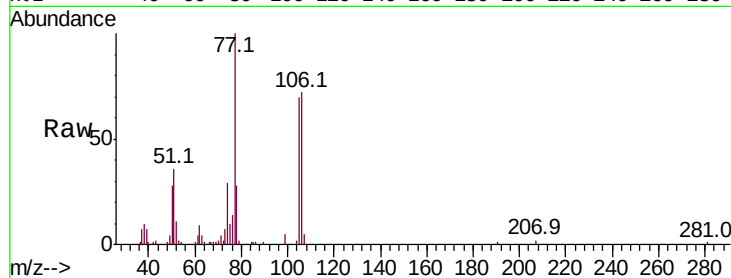
105 70.5 78.8 118.8#

106 72.3 73.7 113.7#

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#10

Phenol

Concen: 41.593 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

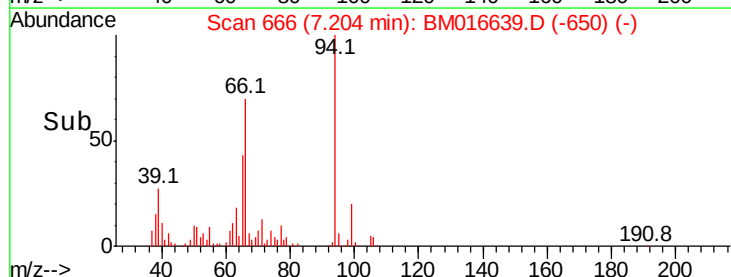
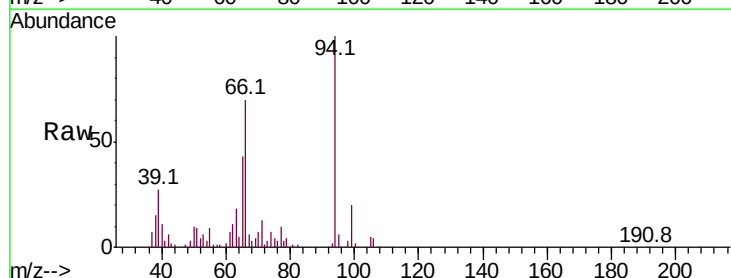
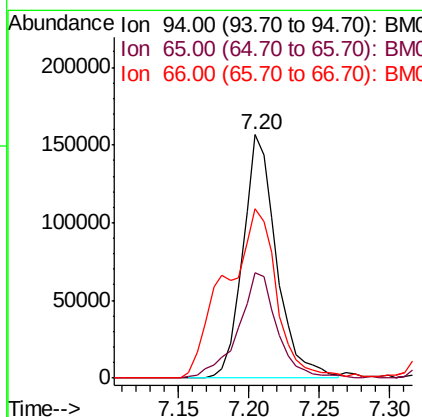
Tgt Ion: 94 Resp: 260717

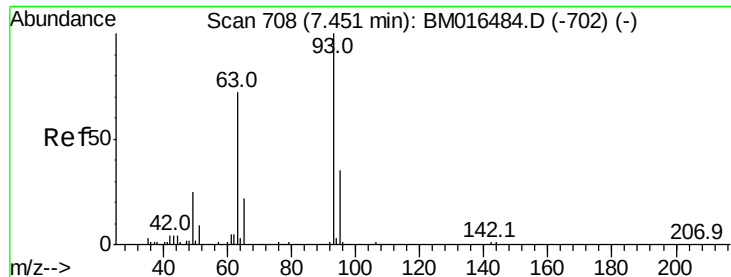
Ion Ratio Lower Upper

94 100

65 43.2 18.8 58.8

66 69.5 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 38.936 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

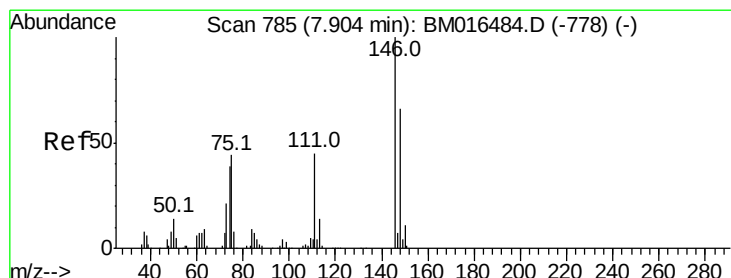
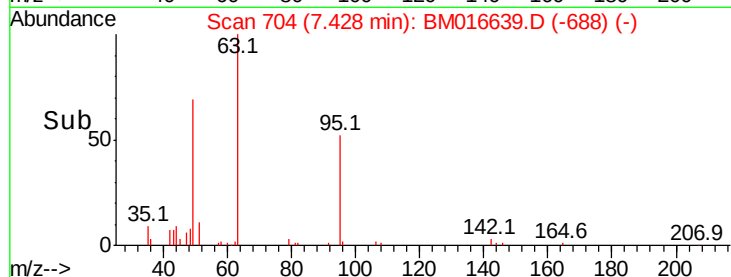
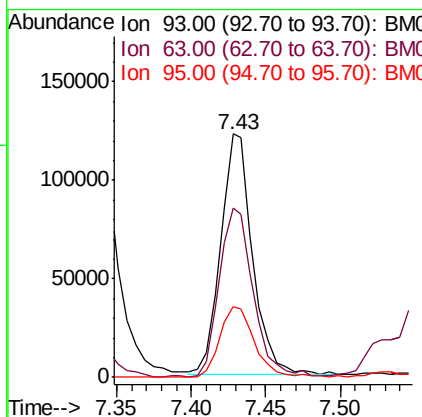
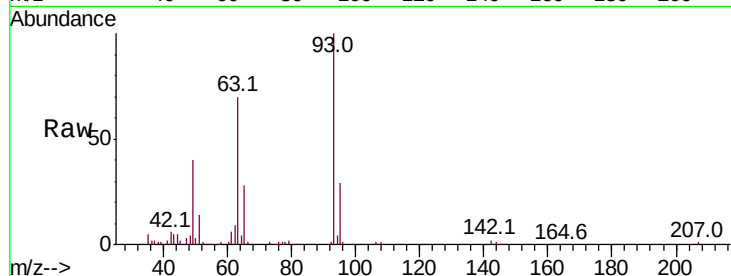
ClientSampleId :

PB112537BS

Tot Ion	93	Ratio	100	Resp	183015
Ion	93	100		Lower	Upper
	63	69.7		49.5	89.5
	95	29.2		13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 38.907 ng

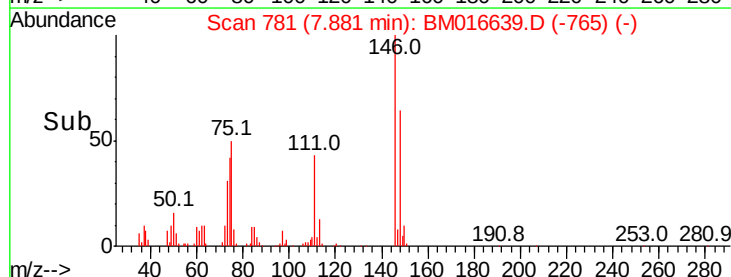
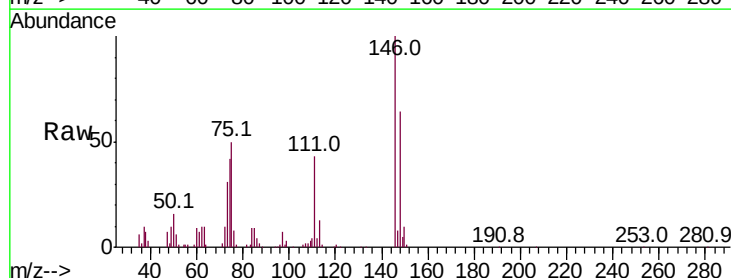
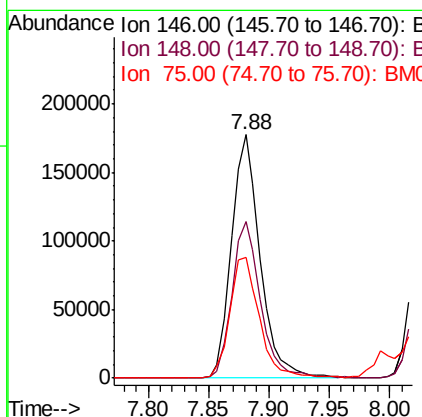
RT: 7.88 min Scan# 781

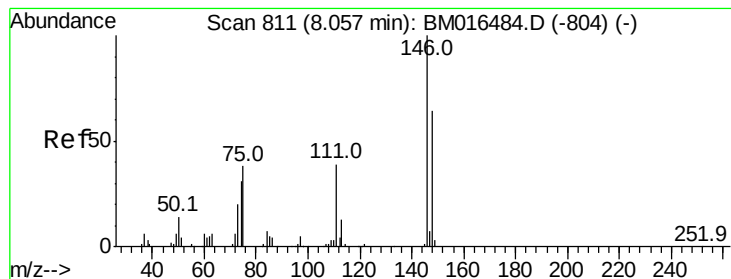
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion	146	Ratio	100	Resp	294006
Ion	146	100		Lower	Upper
	148	64.1		50.9	76.3
	75	49.8		21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 37.135 ng

RT: 8.03 min Scan# 806

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

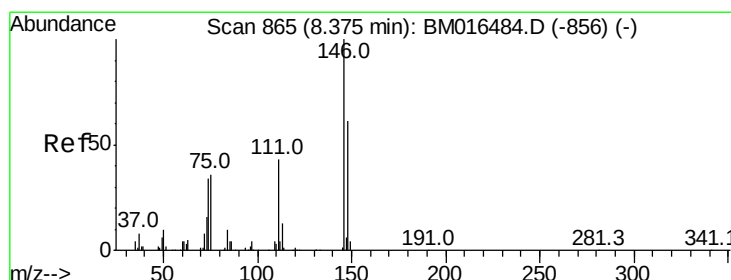
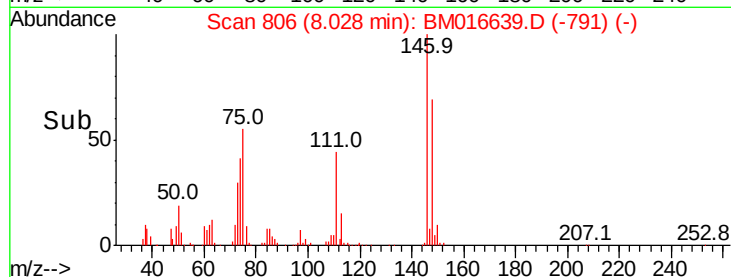
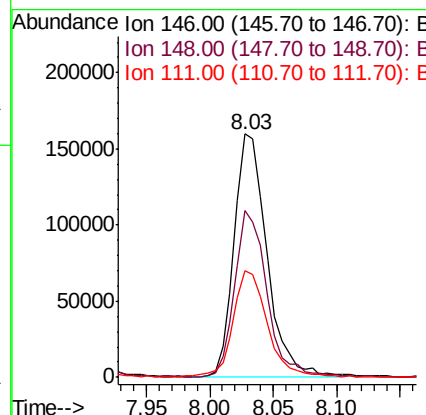
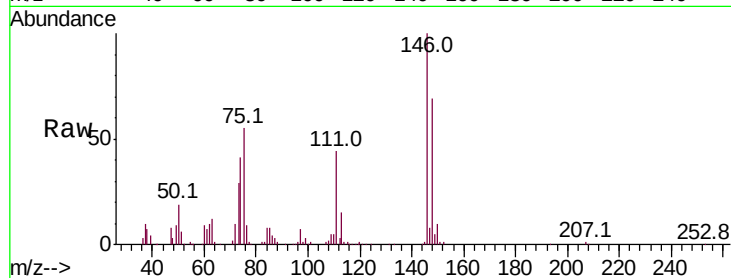
ClientSampleId :

PB112537BS

Tot Ion:	146	Resp:	287983
Ion Ratio	Lower	Upper	
146	100		
148	68.7	51.9	77.9
111	43.8	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 38.201 ng

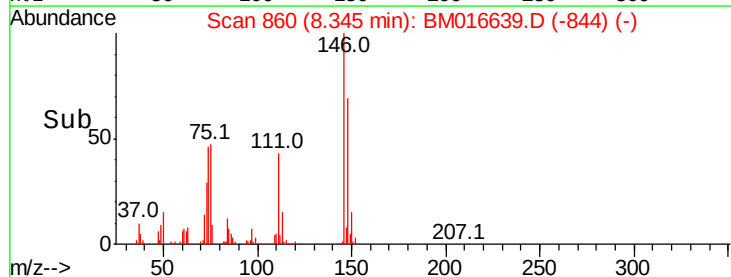
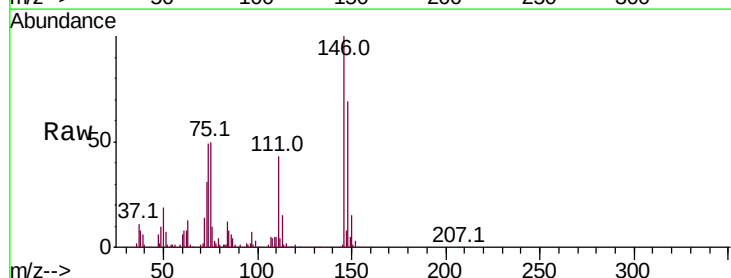
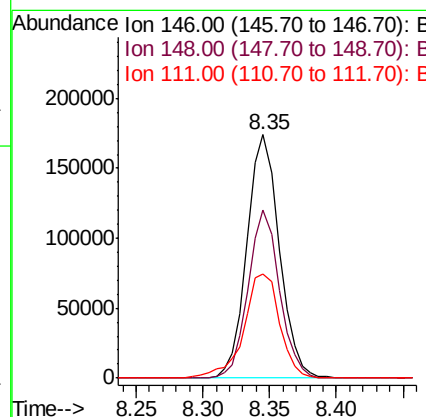
RT: 8.35 min Scan# 860

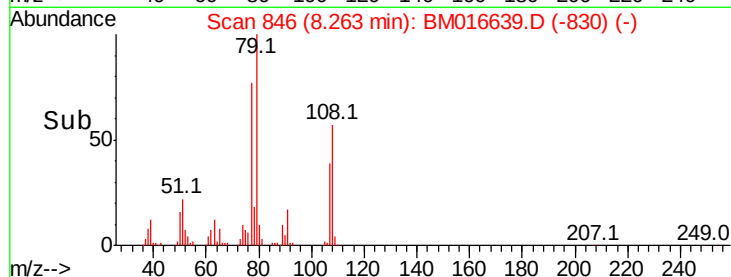
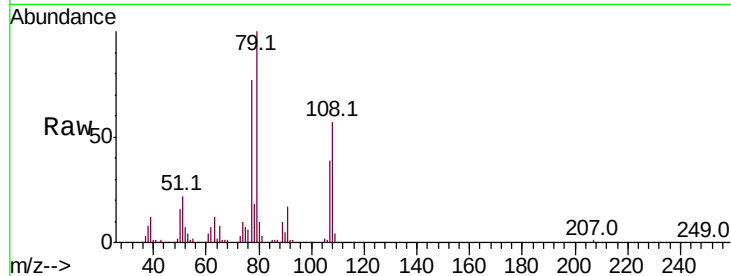
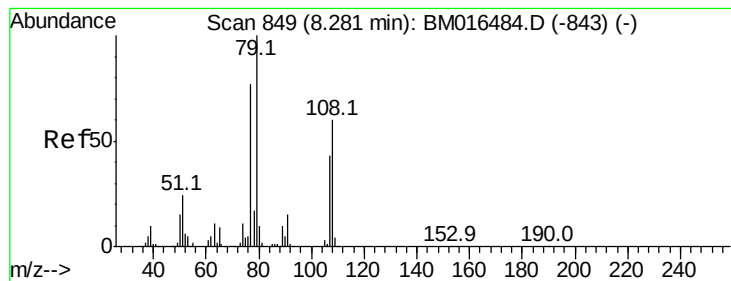
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	146	Resp:	291045
Ion Ratio	Lower	Upper	
146	100		
148	69.1	52.3	78.5
111	43.0	30.6	45.8





#15

Benzyl Alcohol

Concen: 42.712 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tot Ion:	79	Resp:	251404
Ion Ratio	Lower	Upper	
79	100		
108	56.7	65.0	97.4#
77	77.2	53.0	79.6

Instrument :

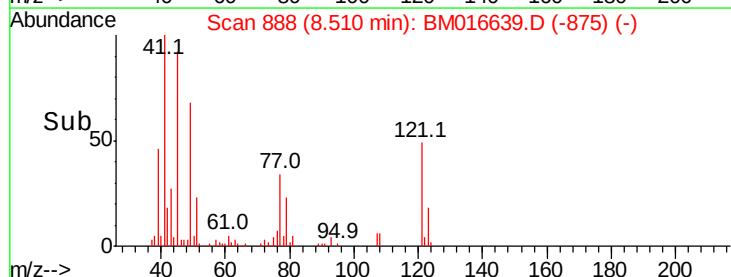
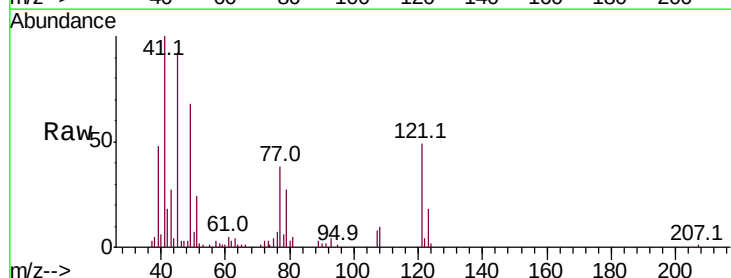
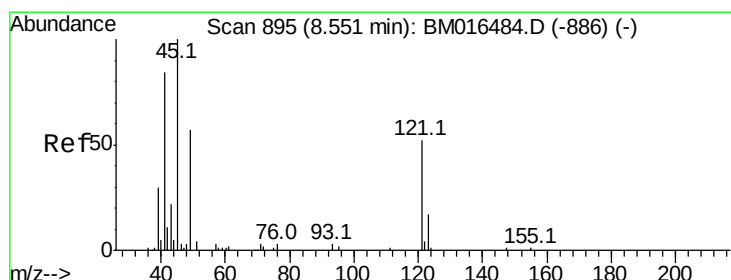
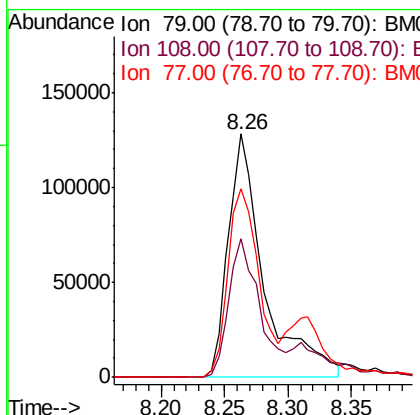
BNA_M

ClientSampleId :

PB112537BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.209 ng

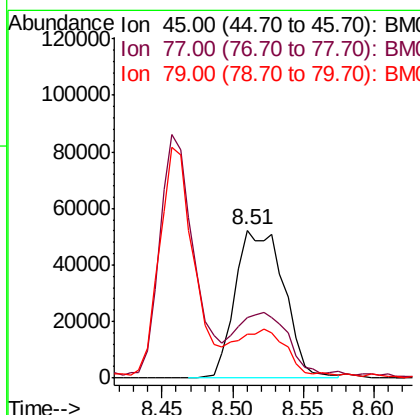
RT: 8.51 min Scan# 888

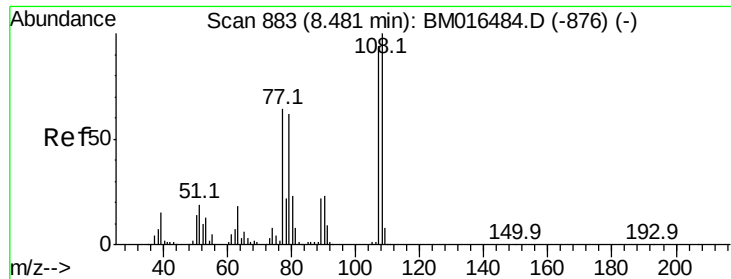
Delta R.T. -0.02 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	45	Resp:	126905
Ion Ratio	Lower	Upper	
45	100		
77	40.7	0.0	35.2#
79	29.7	0.0	32.0





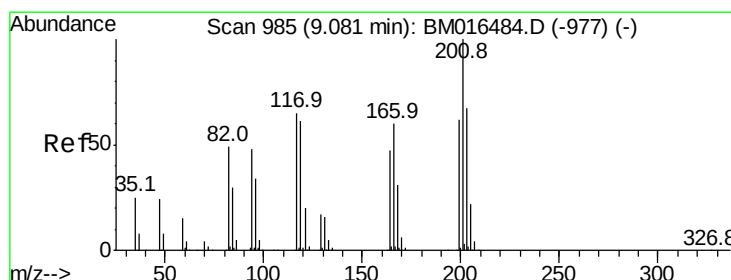
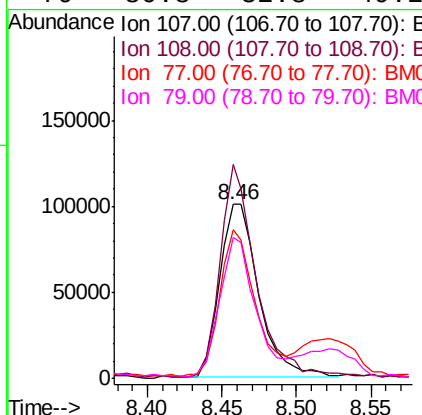
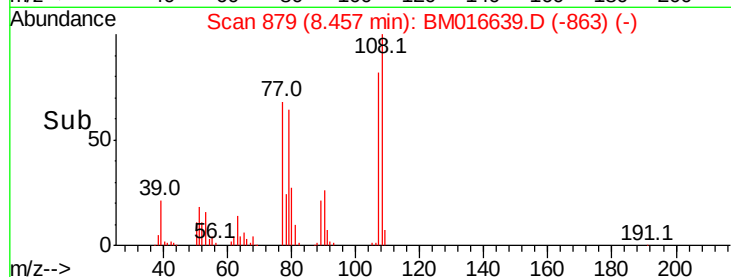
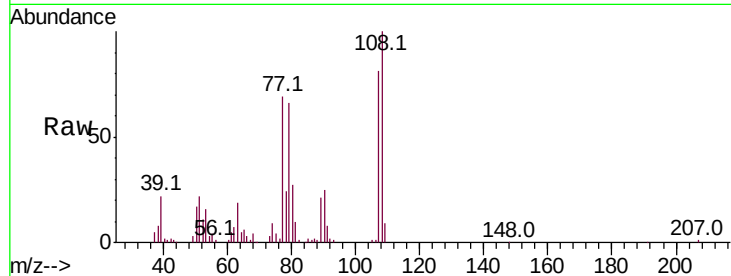
#17
2-Methylphenol
Concen: 40.515 ng
RT: 8.46 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	122.9	89.8	134.8	
77	85.1	32.6	48.8#	
79	80.8	32.8	49.2#	

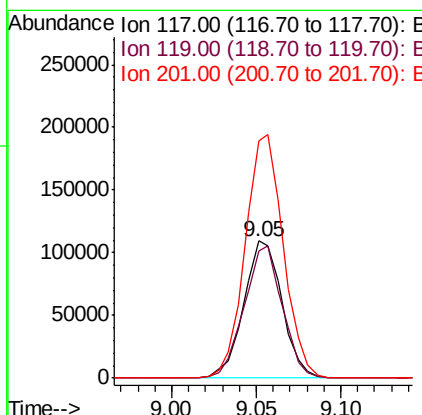
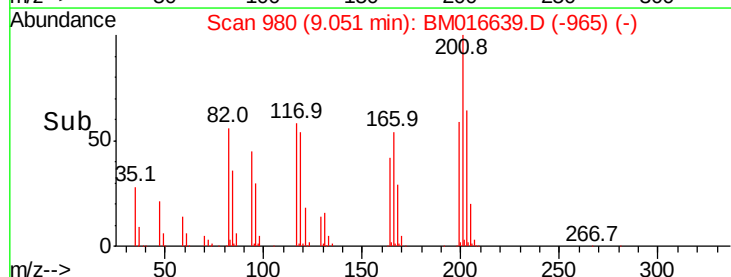
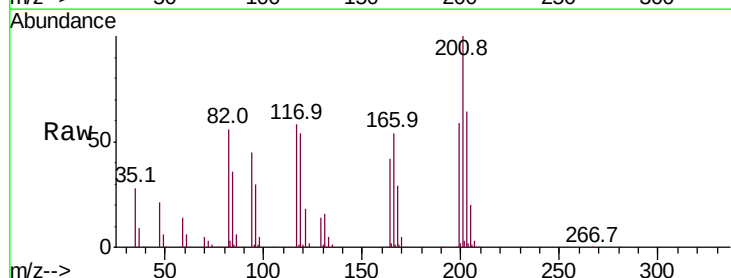
Manual Integrations
APPROVED

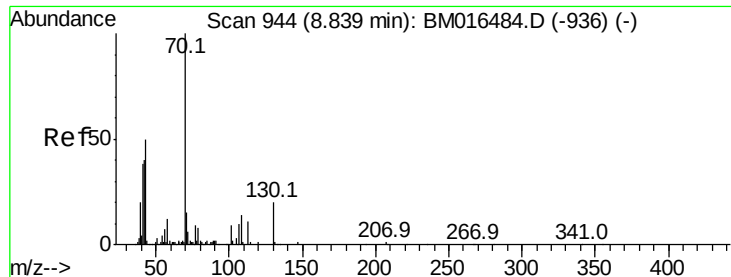
Sohil
9/4/2018 4:39:12 PM



#18
Hexachloroethane
Concen: 48.231 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	79.2	118.8	
201	173.2	69.8	104.6#	





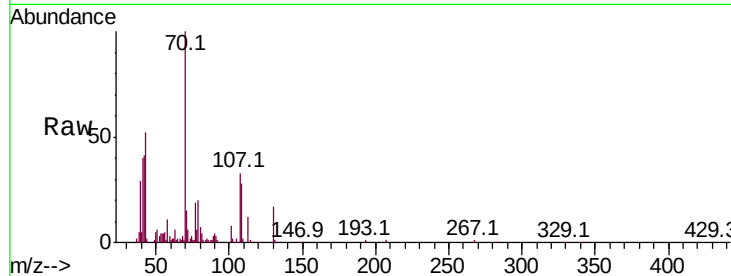
#19
 n-Nitroso-di-n-propylamine
 Concen: 40.497 ng
 RT: 8.82 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.8	44.5	66.7#		
101	8.3	7.4	11.2		
130	17.2	15.3	22.9		

Manual Integrations
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Sohil
 9/4/2018 4:39:12 PM



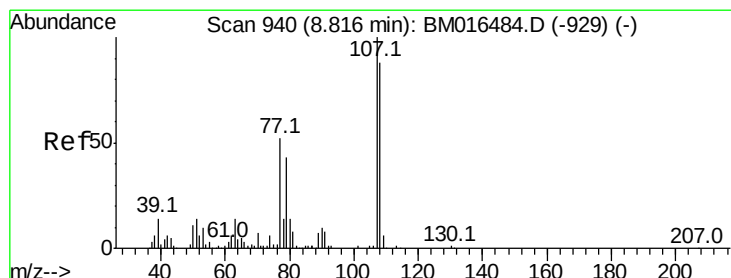
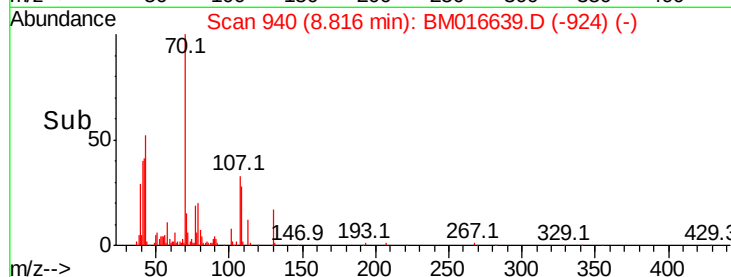
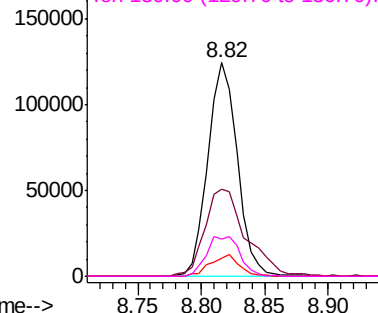
Abundance

Ion 70.00 (69.70 to 70.70): BM016484.D (-936) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-936) (-)

Ion 101.00 (100.70 to 101.70): BM016484.D (-936) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-936) (-)



#20
 3+4-Methylphenols
 Concen: 39.947 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	73.2	113.2		
77	58.8	10.7	50.7#		
79	45.7	9.6	49.6		

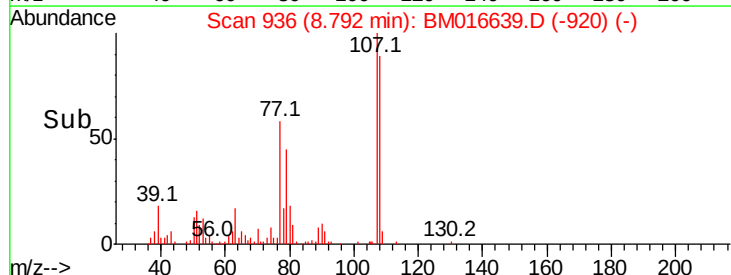
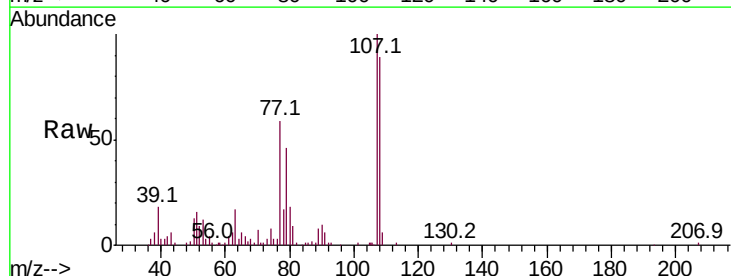
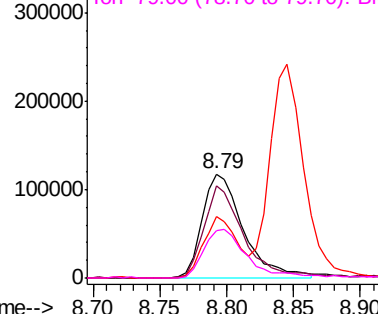
Abundance

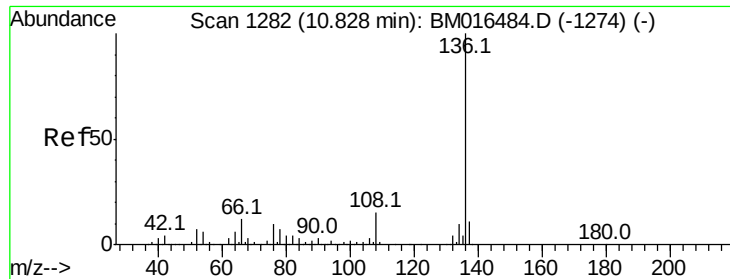
Ion 107.00 (106.70 to 107.70): BM016484.D (-929) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-929) (-)

Ion 79.00 (78.70 to 79.70): BM016484.D (-929) (-)





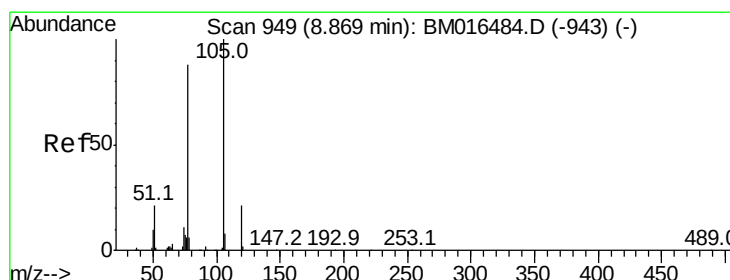
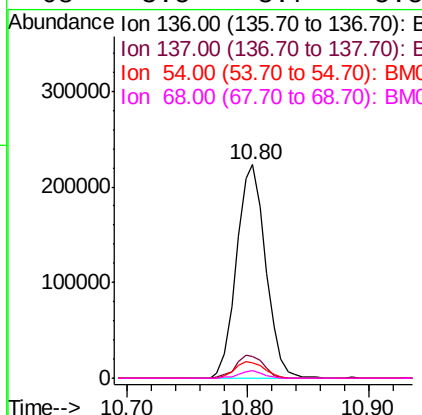
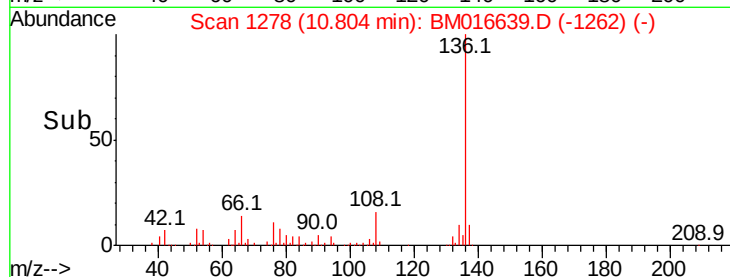
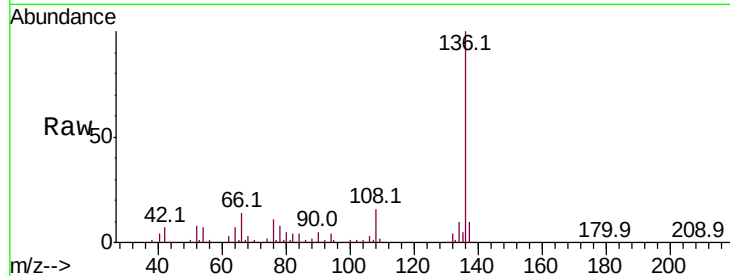
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	375586		
137	10.0	8.7	13.1	
54	7.2	4.6	6.8#	
68	3.5	3.7	5.5#	

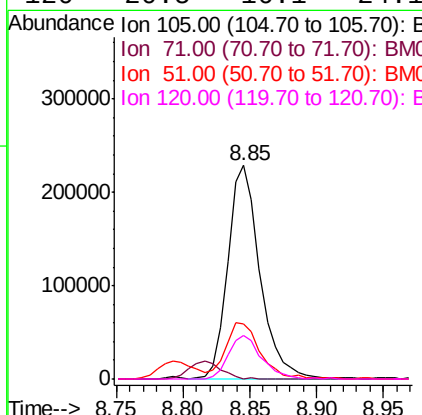
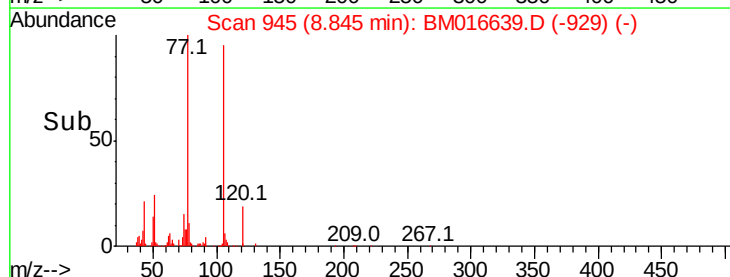
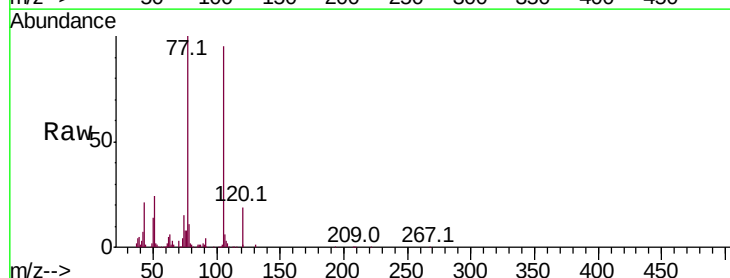
Manual Integrations
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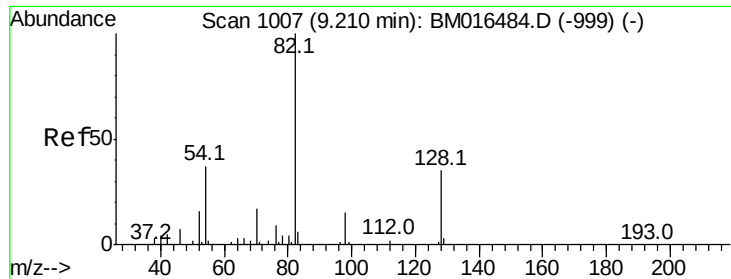
Sohil
9/4/2018 4:39:12 PM



#22
Acetophenone
Concen: 42.145 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	381167		
71	0.3	0.6	1.0#	
51	25.7	21.6	32.4	
120	20.5	16.1	24.1	





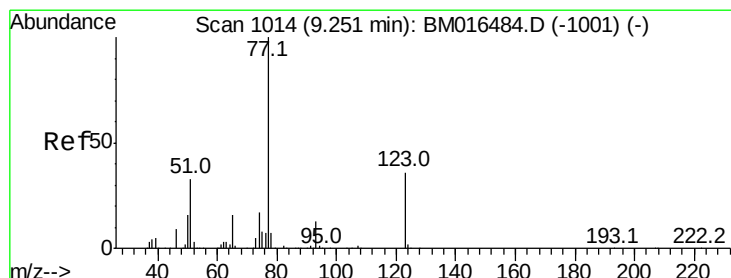
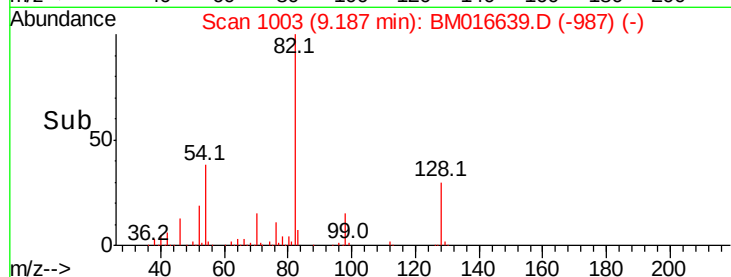
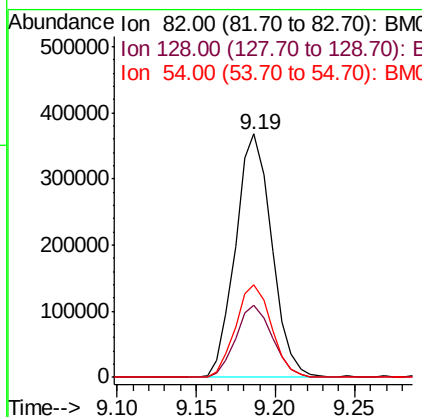
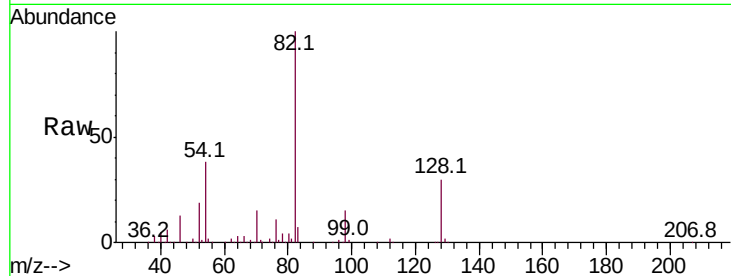
#23
Nitrobenzene-d5
Concen: 71.153 ng
RT: 9.19 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleID :
PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	29.5	32.8	49.2#	
54	38.1	40.6	60.8#	

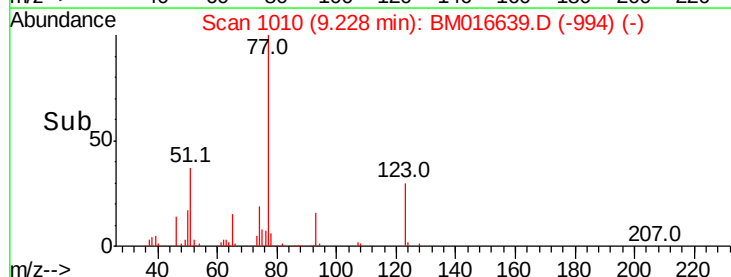
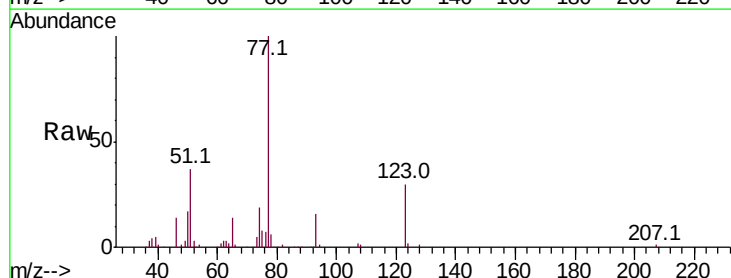
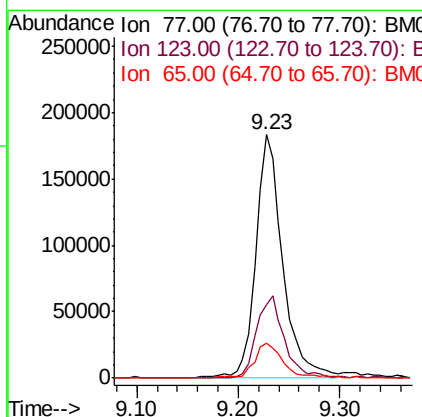
Manual Integrations
APPROVED

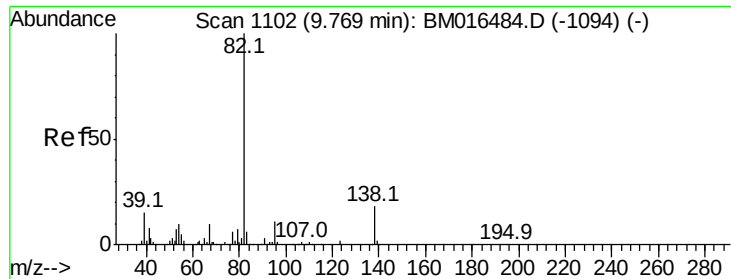
Sohil
9/4/2018 4:39:12 PM



#24
Nitrobenzene
Concen: 41.360 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	30.3	32.6	49.0#	
65	14.5	10.9	16.3	





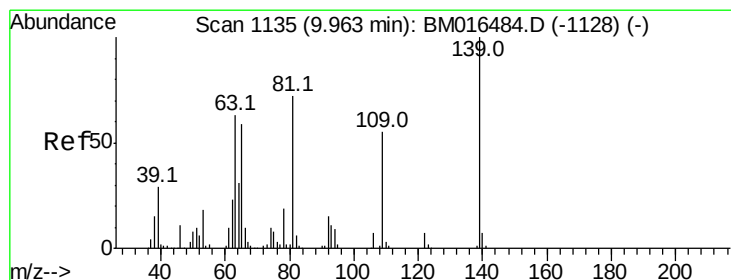
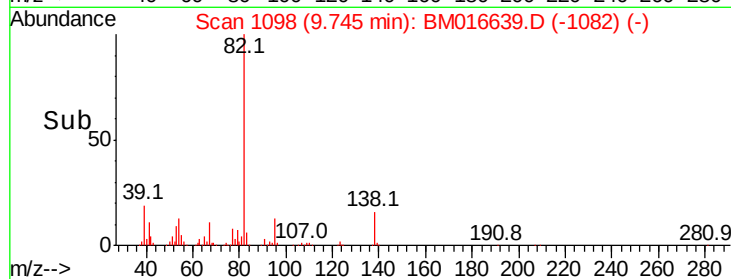
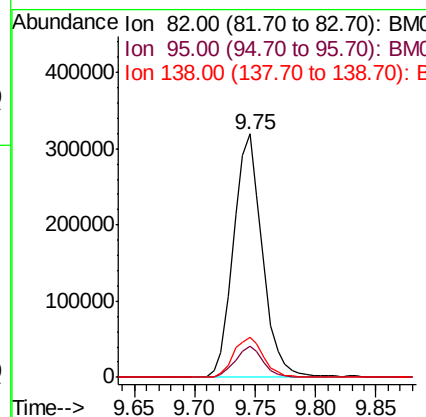
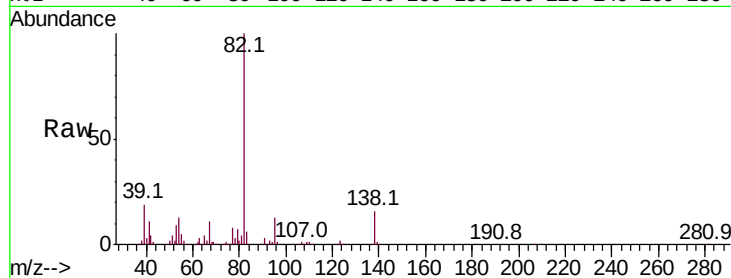
#25
Isophorone
Concen: 48.248 ng
RT: 9.75 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	13.0	5.8	8.6#	
138	16.3	16.3	24.5	

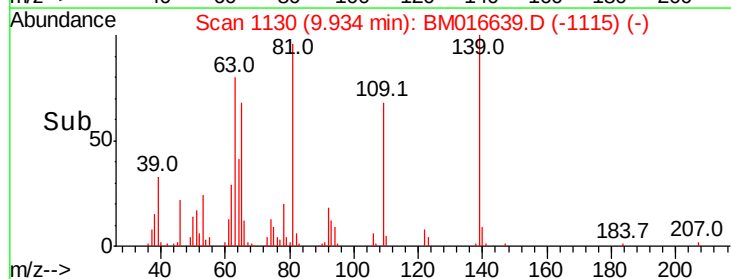
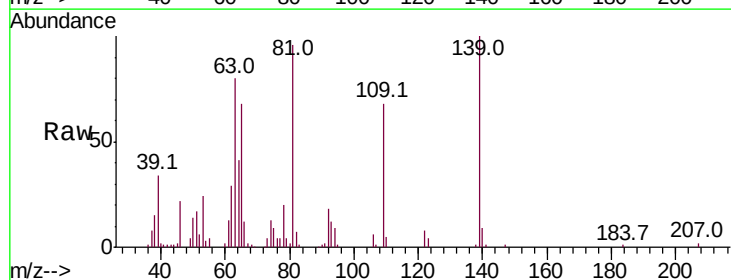
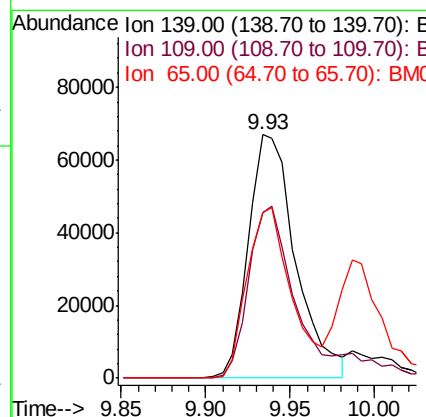
Manual Integrations
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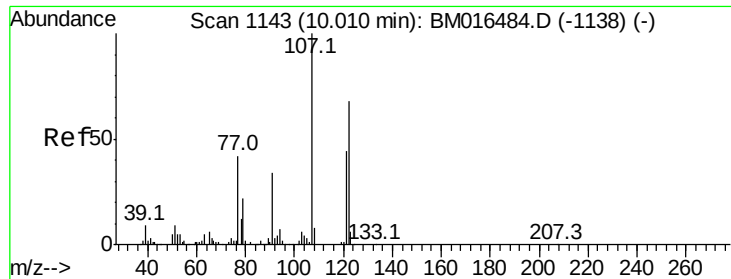
Sohil
9/4/2018 4:39:12 PM



#26
2-Nitrophenol
Concen: 36.929 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.9	20.1	30.1#	
65	68.2	31.5	47.3#	





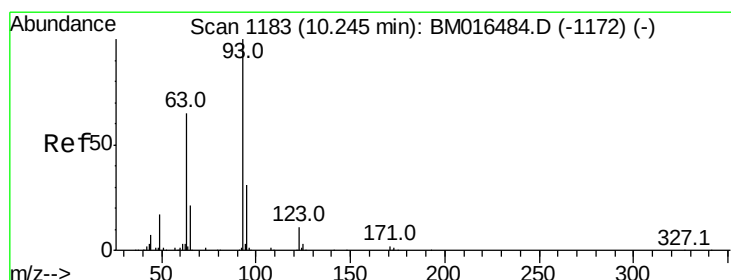
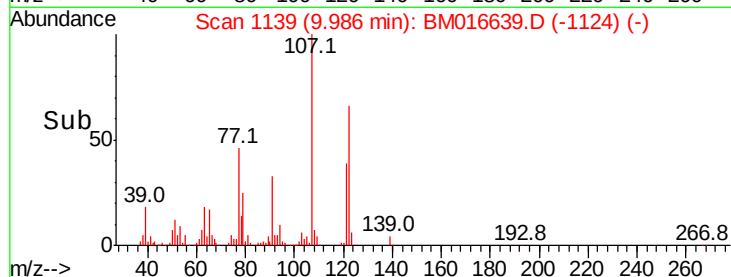
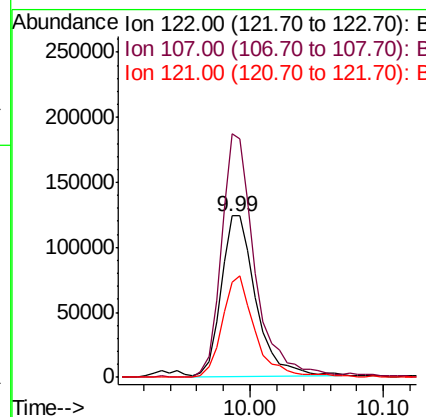
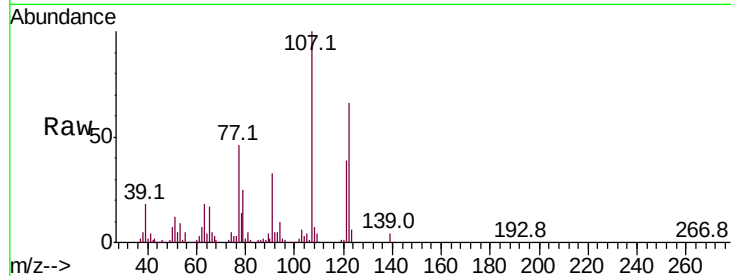
#27
2,4-Dimethylphenol
Concen: 49.072 ng
RT: 9.99 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampled :
PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	224699		
107	151.0	84.7	127.1#	
121	58.8	46.6	69.8	

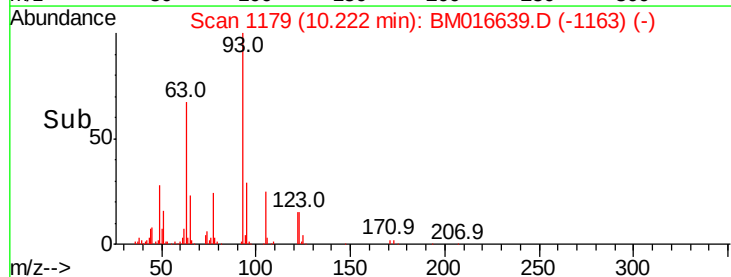
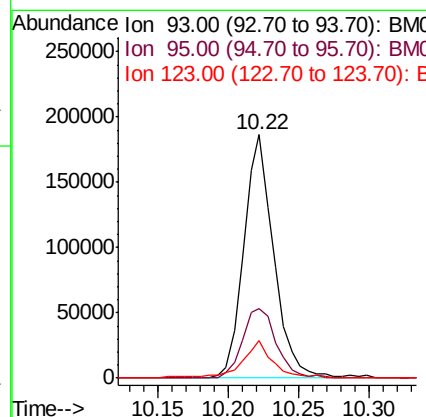
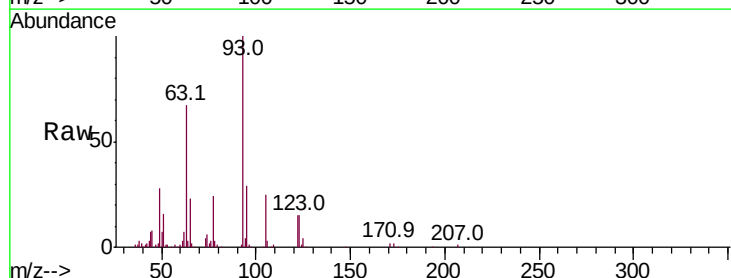
Manual Integrations
APPROVED

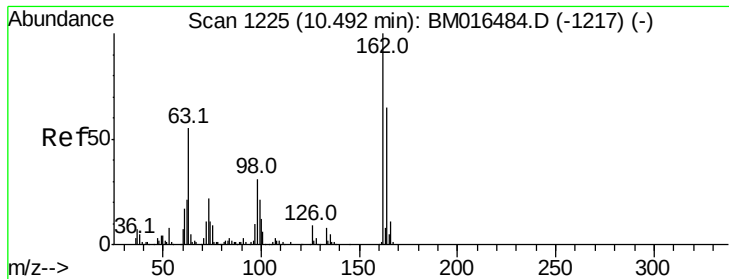
Sohil
9/4/2018 4:39:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.560 ng
RT: 10.22 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	272748		
95	28.7	25.5	38.3	
123	15.4	8.6	13.0#	





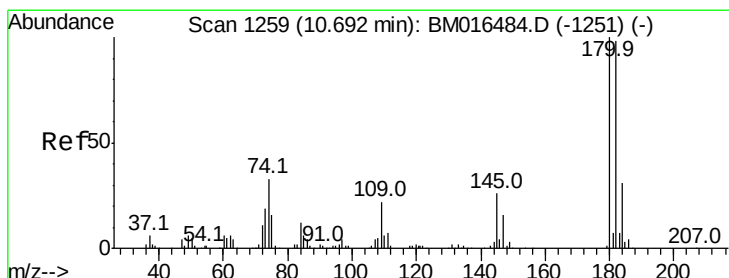
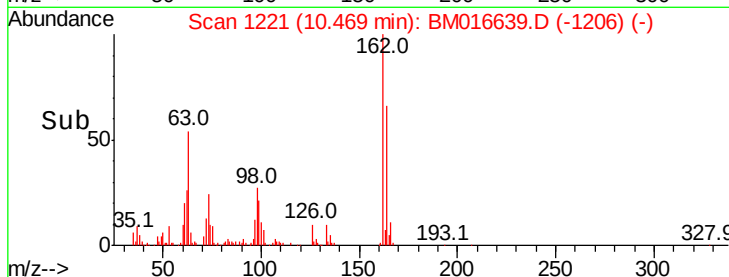
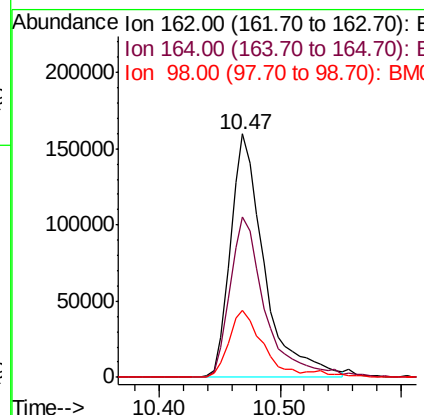
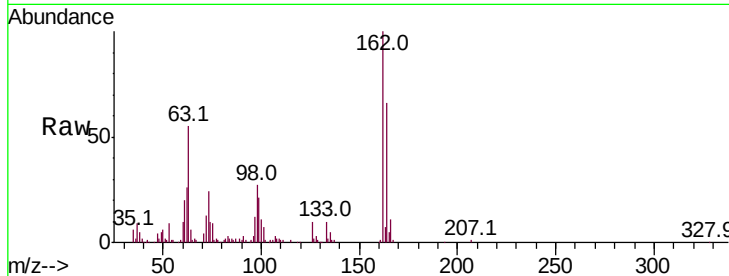
#29
 2,4-Dichlorophenol
 Concen: 45.445 ng
 RT: 10.47 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	311440		
164	65.8	42.8	82.8	
98	27.3	14.5	54.5	

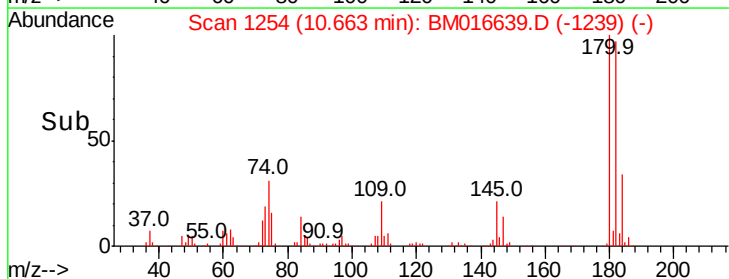
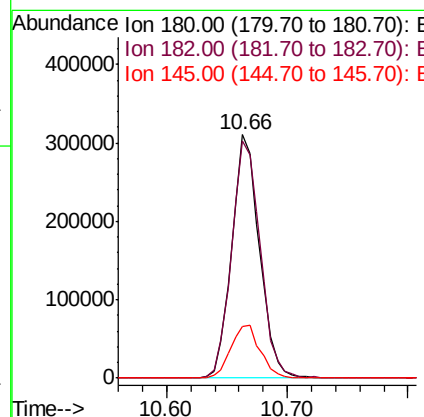
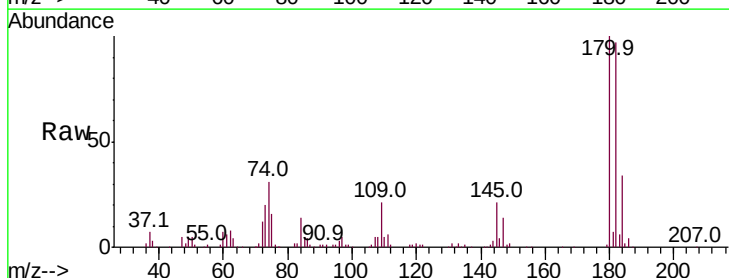
Manual Integrations
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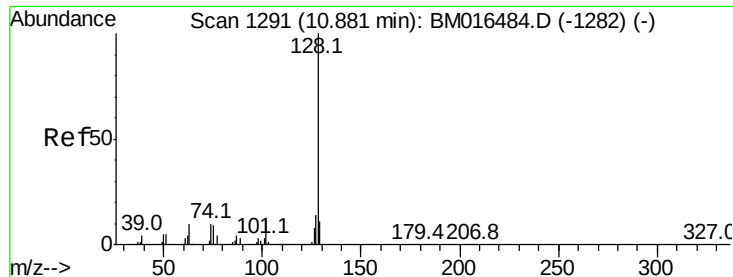
Sohil
 9/4/2018 4:39:12 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.686 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	495870		
182	97.2	77.6	116.4	
145	21.0	23.4	35.2	





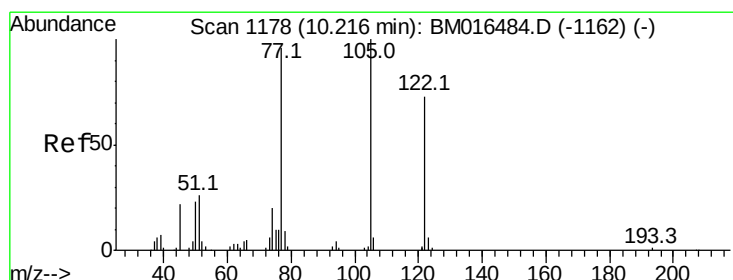
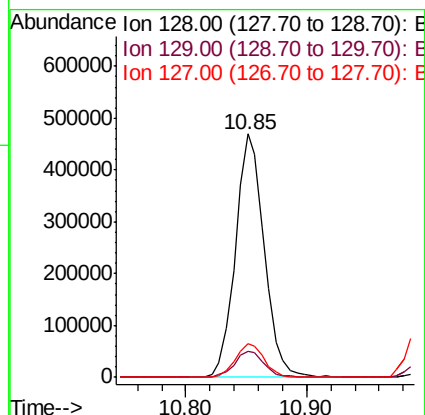
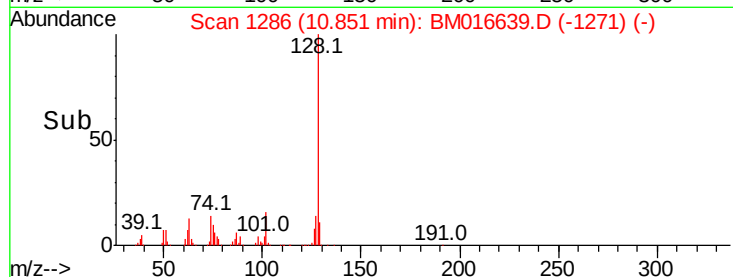
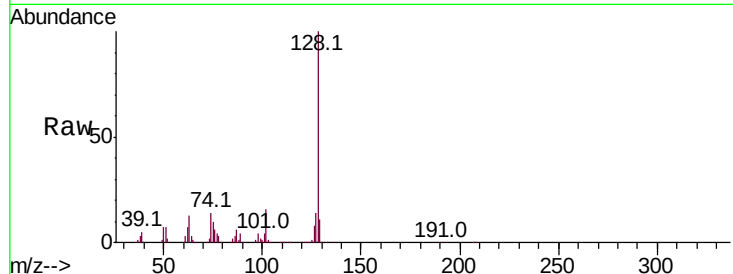
#31
Naphthalene
Concen: 43.431 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion:128	Resp:	777167
Ion Ratio	Lower	Upper
128 100		
129 10.9	8.9	13.3
127 13.9	10.4	15.6

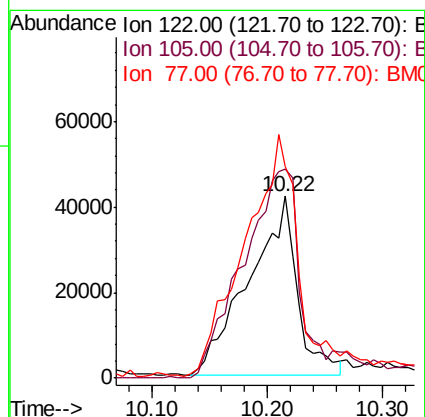
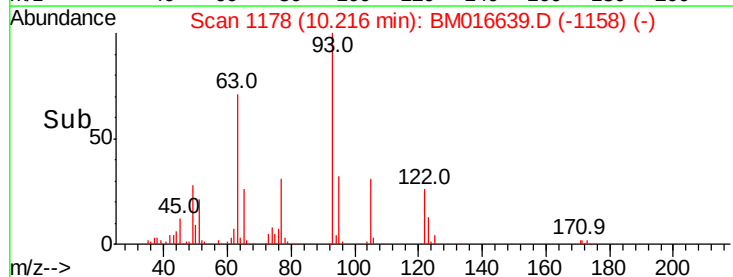
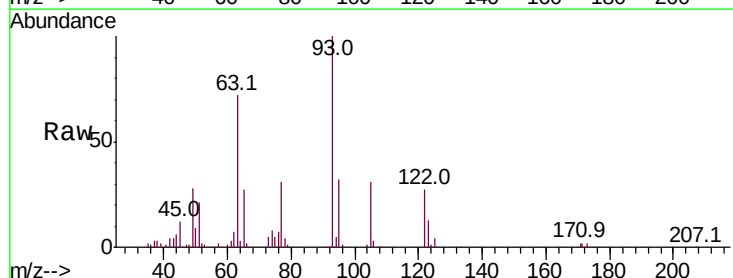
Manual Integrations
APPROVED

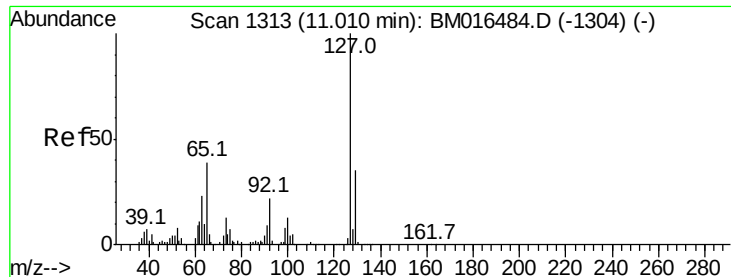
Sohil
9/4/2018 4:39:12 PM



#32
Benzoic acid
Concen: 32.260 ng
RT: 10.22 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion:122	Resp:	123593
Ion Ratio	Lower	Upper
122 100		
105 115.1	99.9	139.9
77 116.4	73.7	113.7#





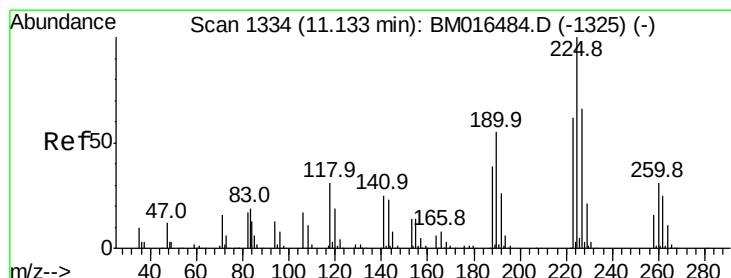
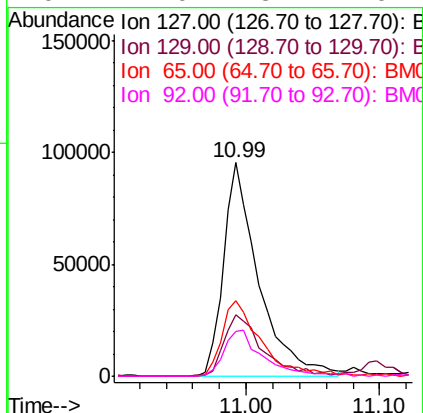
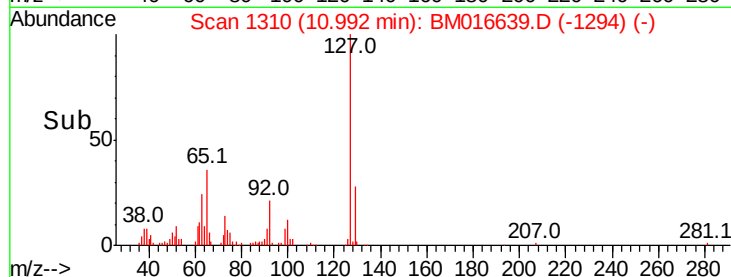
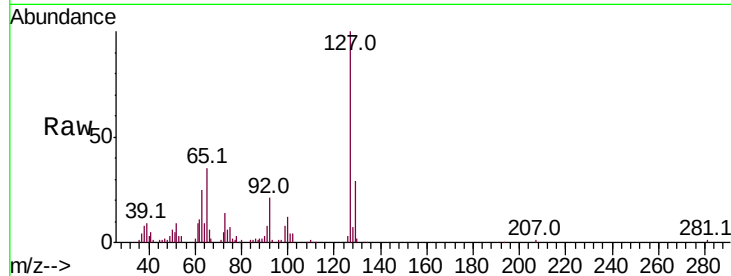
#33
4-Chloroaniline
Concen: 23.322 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.9	25.3	37.9		
65	35.2	17.6	26.4		
92	21.0	13.1	19.7		

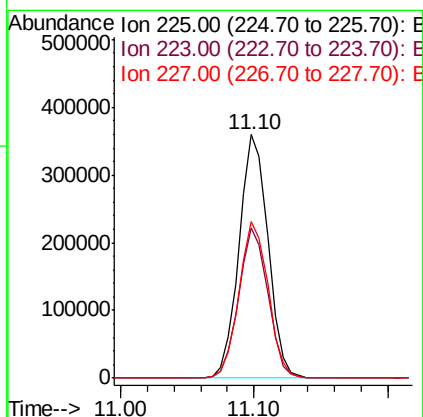
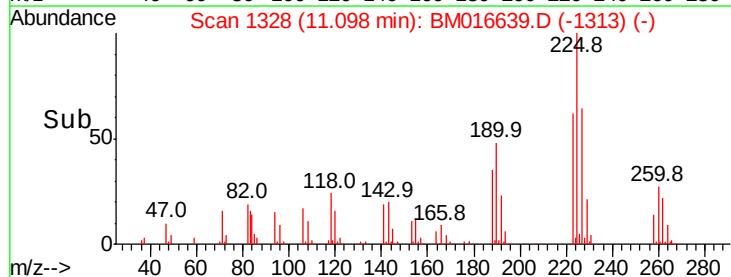
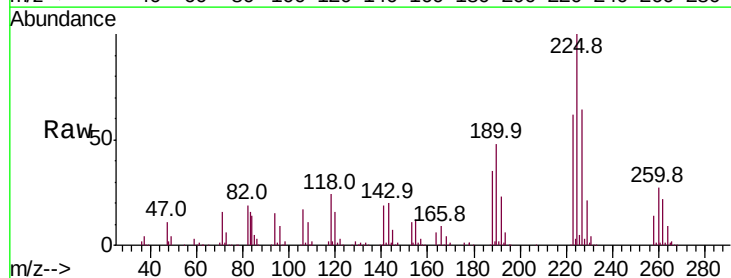
Manual Integrations
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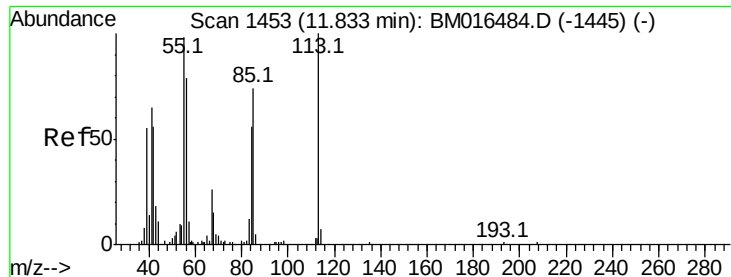
Sohil
9/4/2018 4:39:12 PM



#34
Hexachlorobutadiene
Concen: 54.264 ng
RT: 11.10 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	47.9	71.9		
227	64.2	50.1	75.1		





#35

Caprolactam

Concen: 35.521 ng/ml

RT: 11.82 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

ClientSampleId :

PB112537BS

Tot Ion:113 Resp: 58412

Ion Ratio Lower Upper

113 100

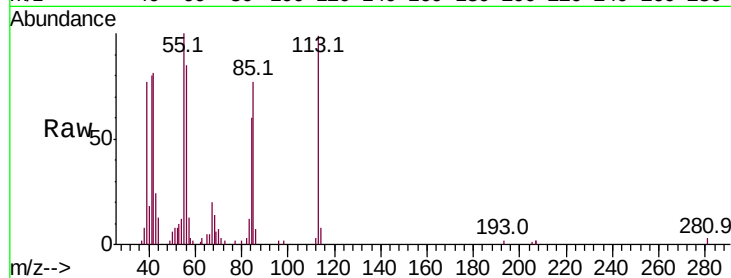
55 100.8 145.9 185.9#

56 85.5 101.0 141.0#

Manual Integrations
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Sohil

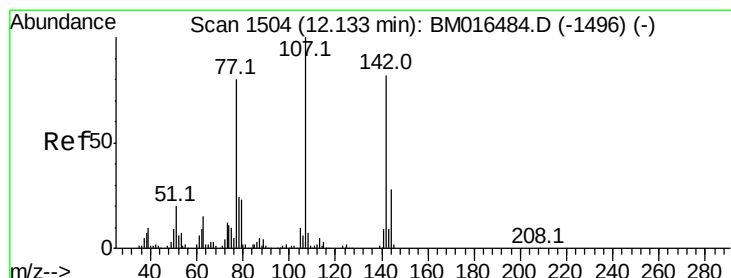
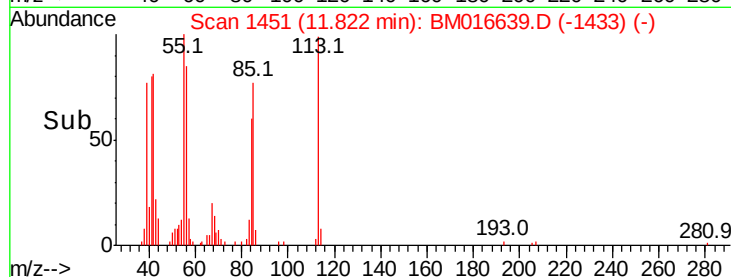
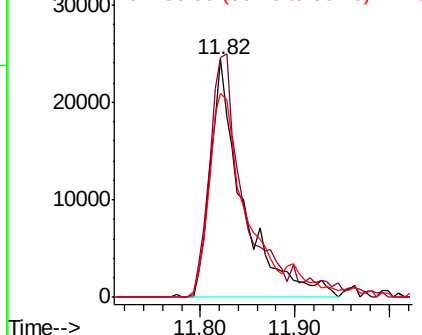
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.888 ng/ml

RT: 12.12 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

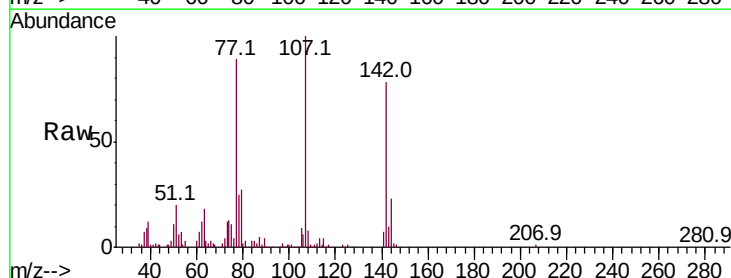
Tgt Ion:107 Resp: 262794

Ion Ratio Lower Upper

107 100

144 22.8 23.3 34.9#

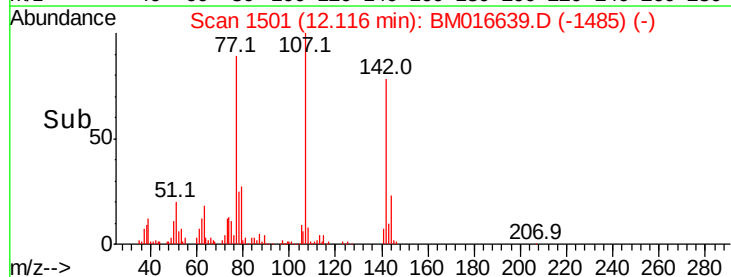
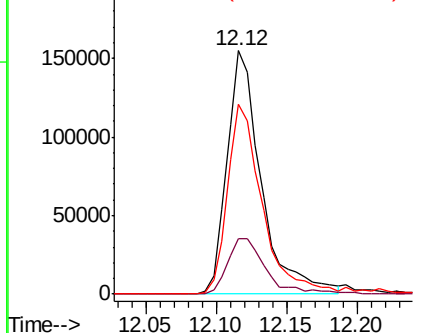
142 77.8 72.6 109.0

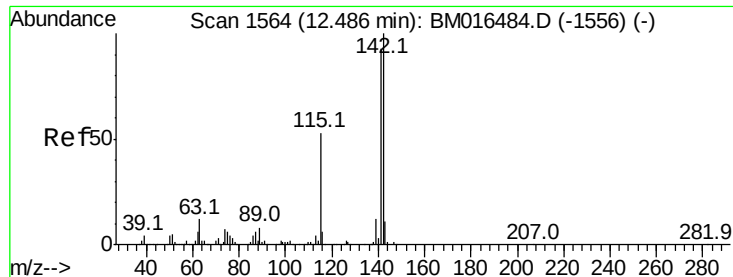


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





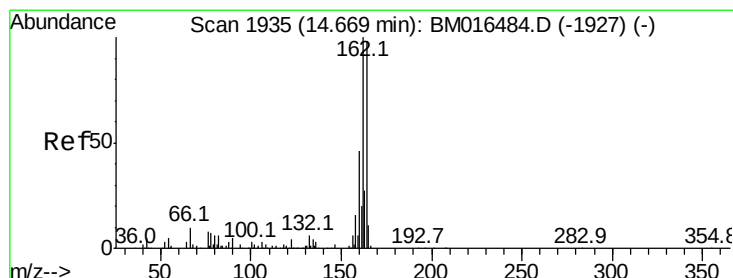
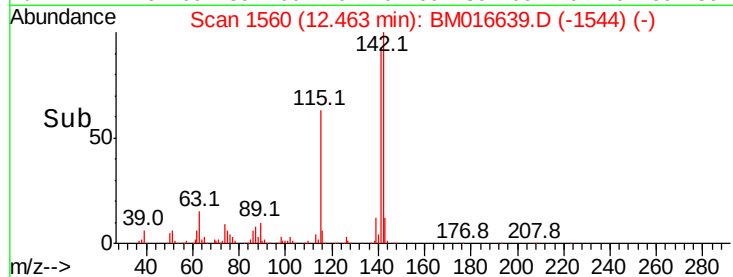
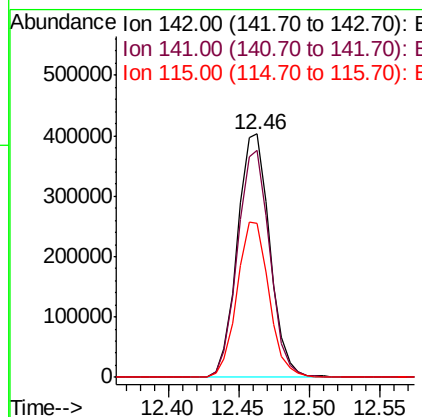
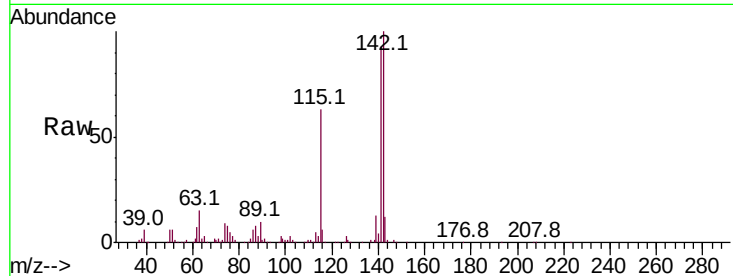
#37
2-Methylnaphthalene
Concen: 46.279 ng
RT: 12.46 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampled :
PB112537BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	71.9	107.9
115	63.1	25.4	38.0

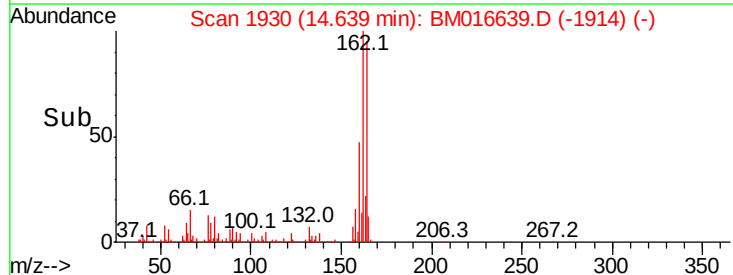
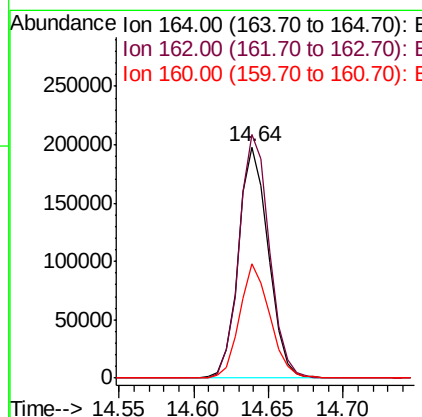
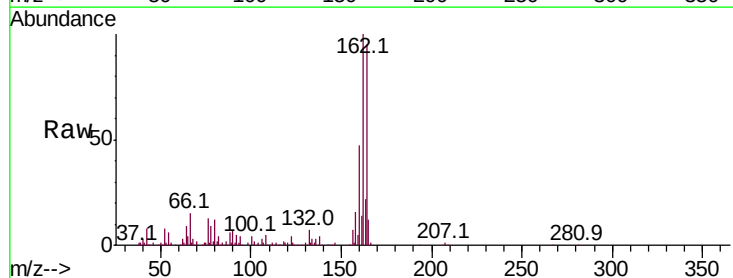
Manual Integrations
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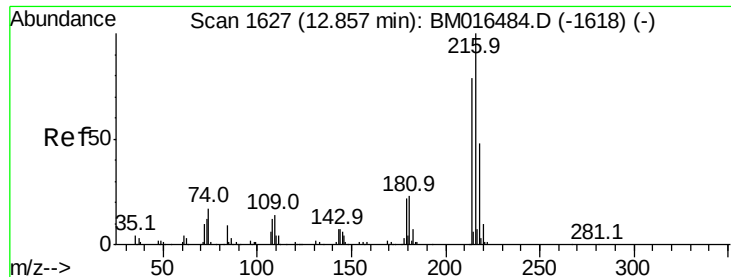
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	49.7	35.8	53.6





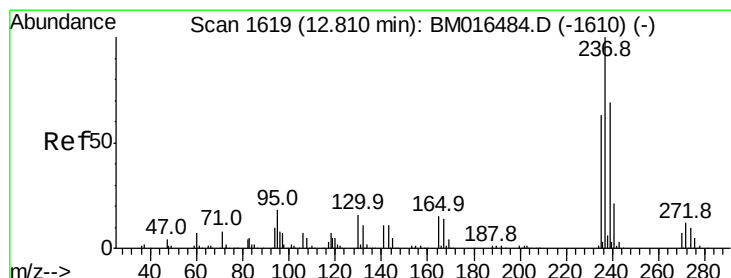
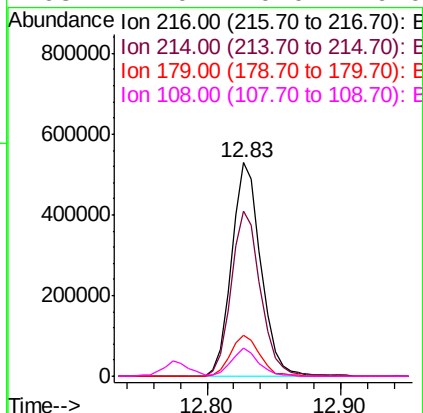
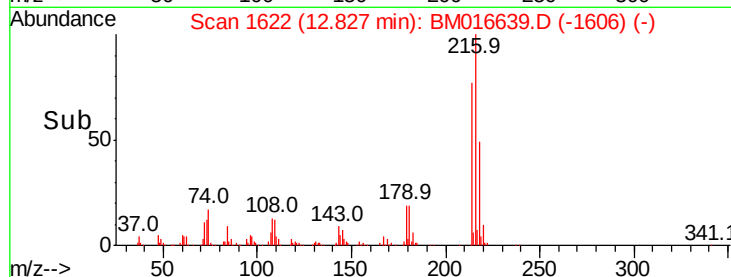
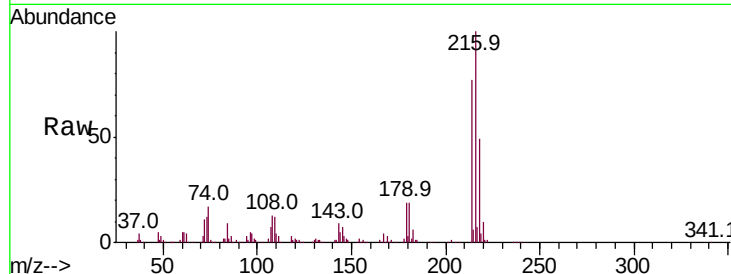
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.000 ng
 RT: 12.83 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	811126		
214	77.3	0.0	0.0	0.0
179	19.2	0.0	0.0	0.0
108	12.0	0.0	0.0	0.0

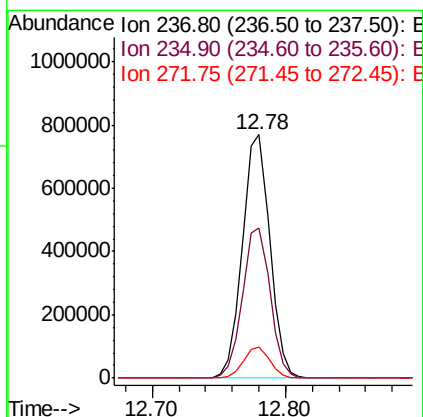
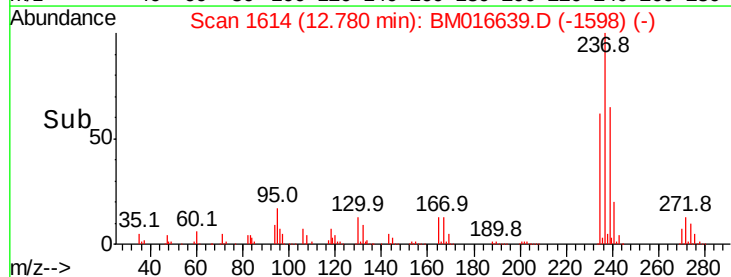
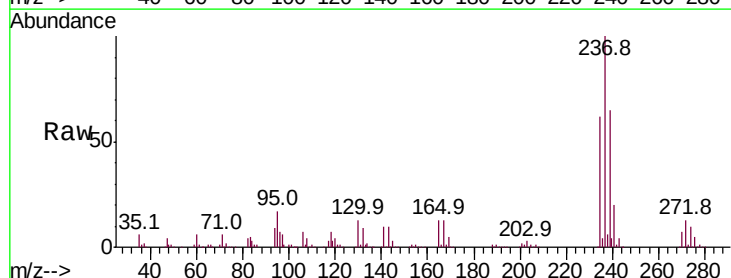
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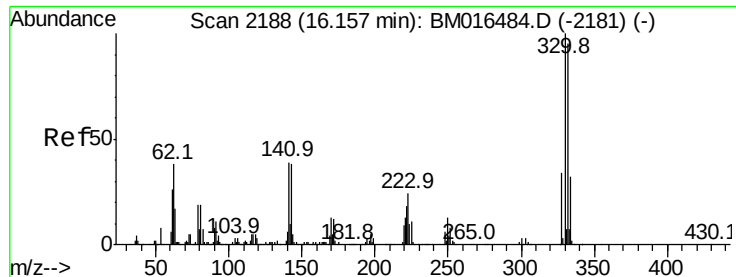
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 126.102 ng
 RT: 12.78 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1091057		
235	61.9	42.0	82.0	
272	12.9	0.0	33.4	





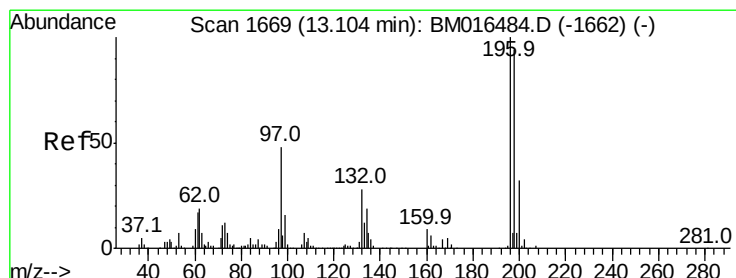
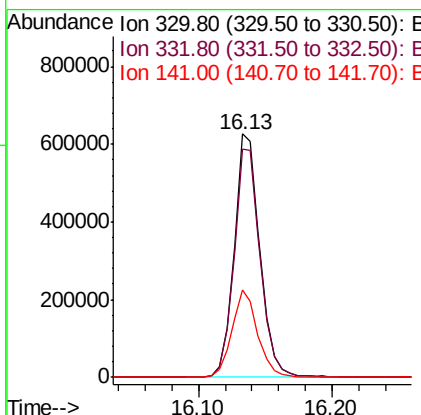
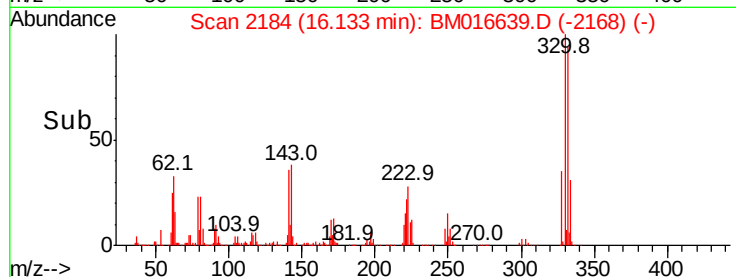
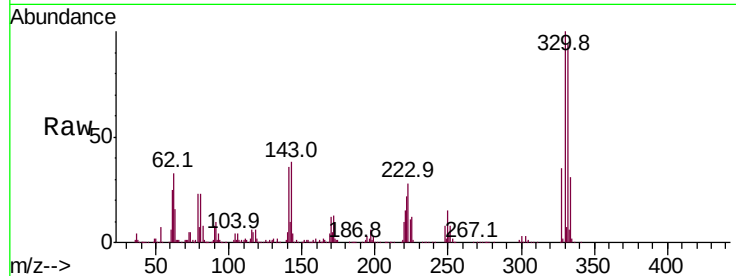
#41
 2,4,6-Tribromophenol
 Concen: 108.251 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.6	0.0	0.0#
141	36.2	0.0	0.0#

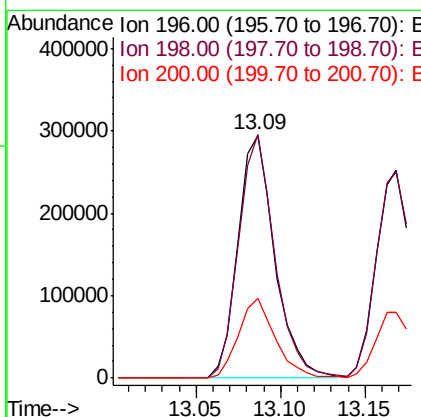
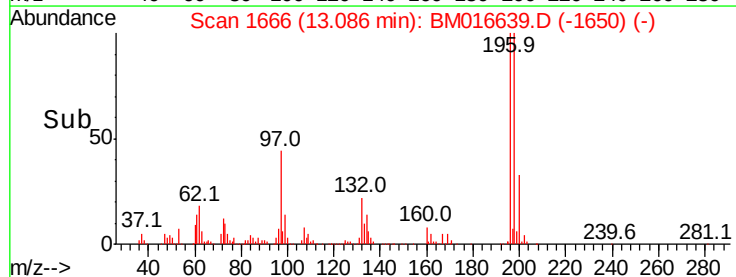
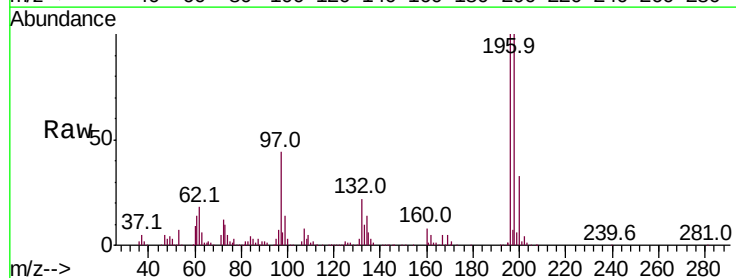
Manual Integrations
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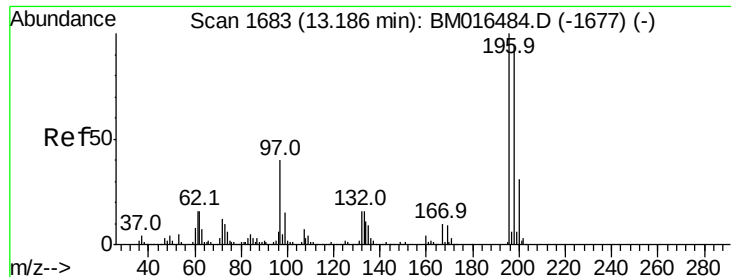
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 48.131 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	100.3	76.3	114.5
200	32.6	25.6	38.4





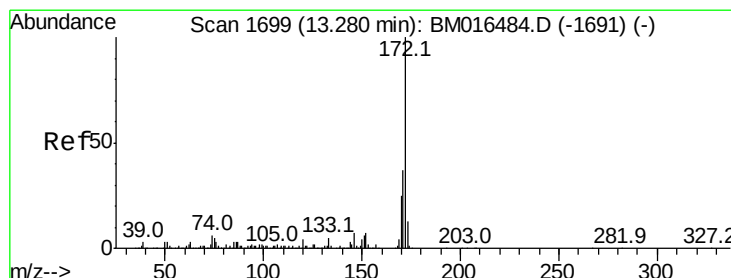
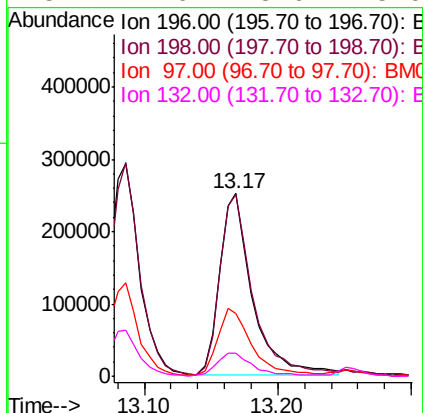
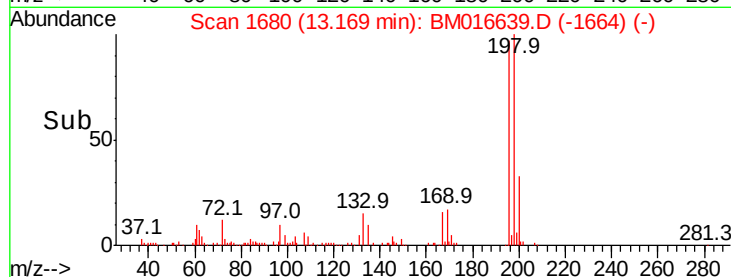
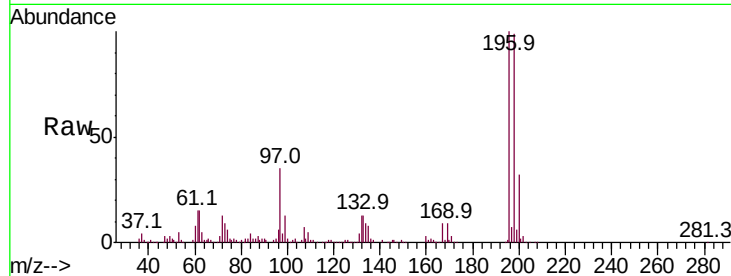
#43
 2,4,5-Trichlorophenol
 Concen: 47.059 ng
 RT: 13.17 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	428782		
198	99.3	79.4	119.0	
97	34.5	26.8	40.2	
132	12.6	18.6	28.0	

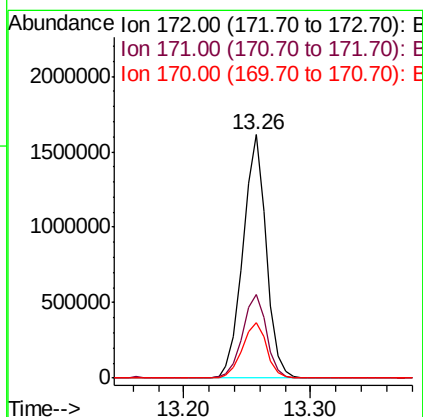
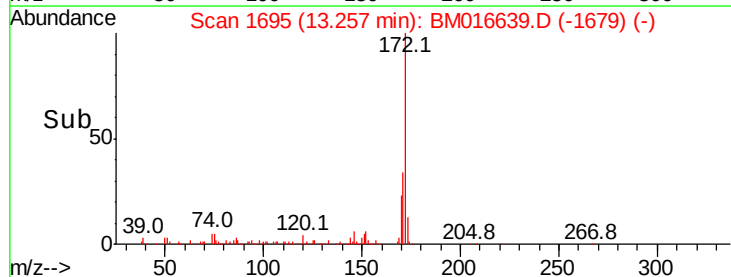
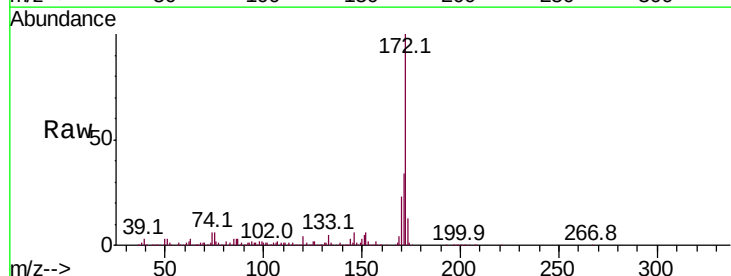
Manual Integrations
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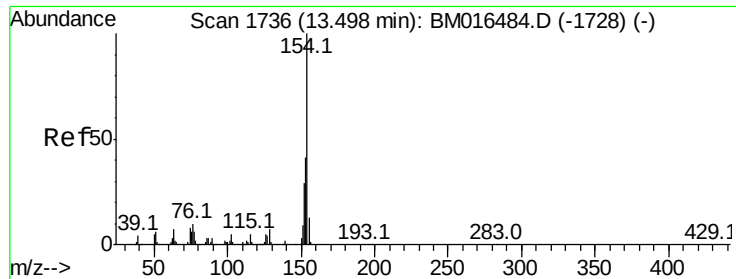
Sohil
 9/4/2018 4:39:12 PM



#44
 2-Fluorobiphenyl
 Concen: 71.057 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2041710		
171	34.2	28.5	42.7	
170	23.0	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 37.682 ng

RT: 13.47 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

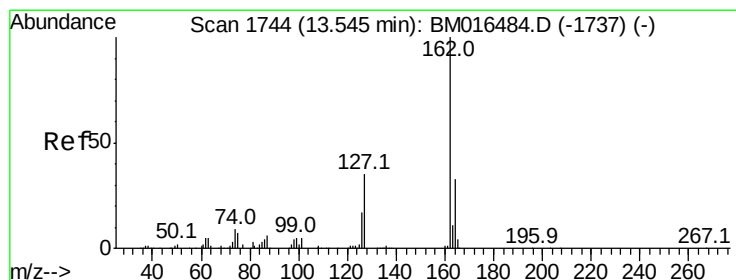
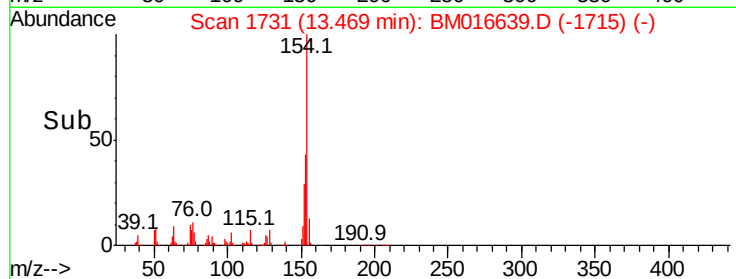
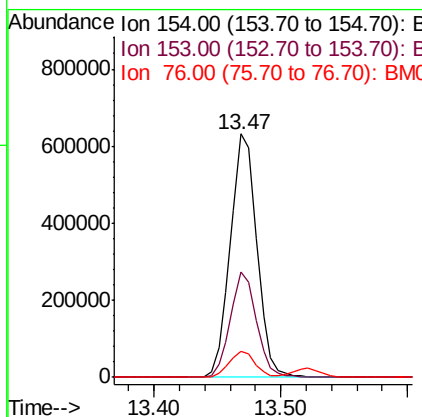
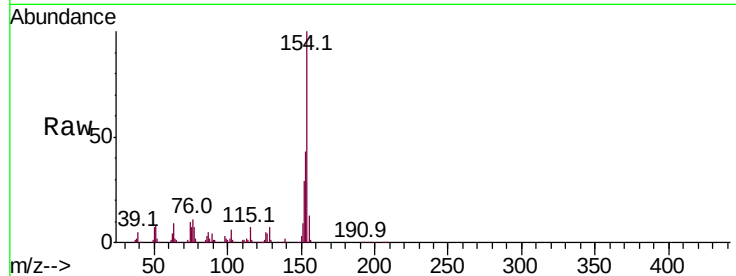
ClientSampleId :

PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.5	20.7	60.7	
76	10.5	0.0	30.9	

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 38.871 ng

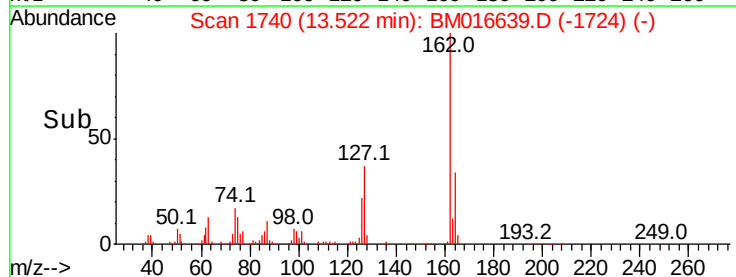
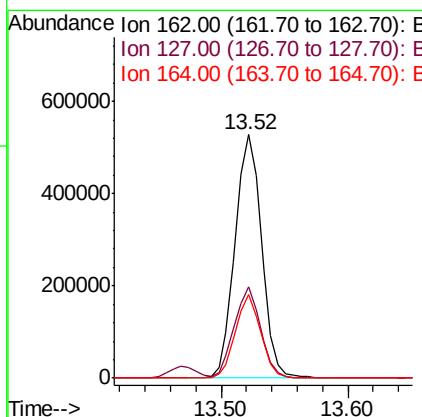
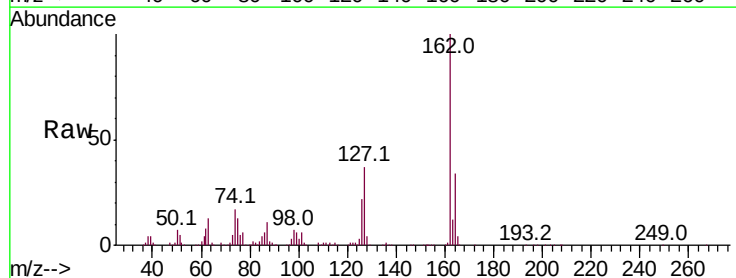
RT: 13.52 min Scan# 1740

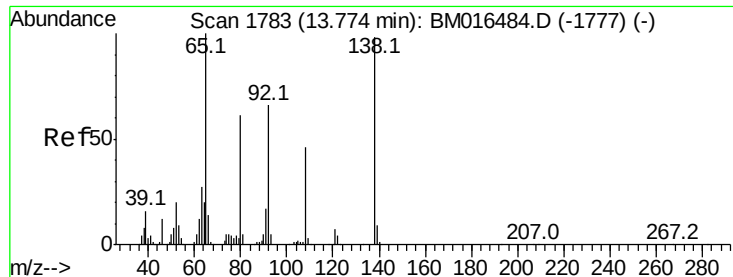
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.3	26.9	40.3	
164	34.5	26.8	40.2	





#47

2-Nitroaniline

Concen: 37.450 ng

RT: 13.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

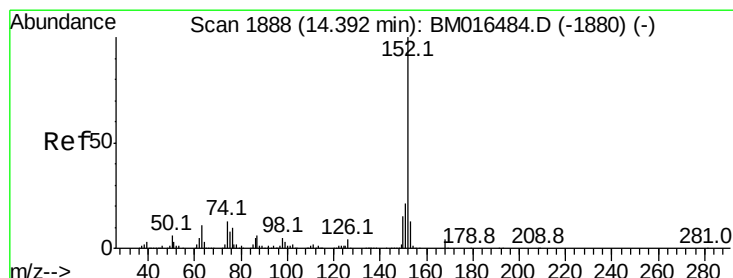
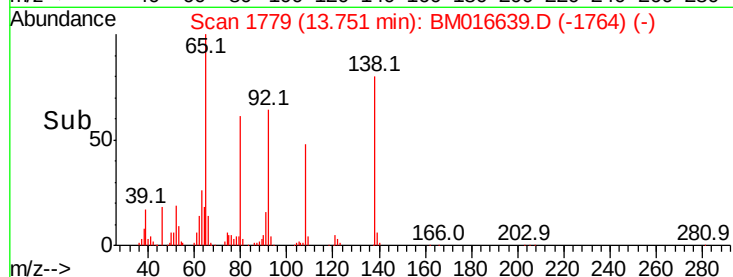
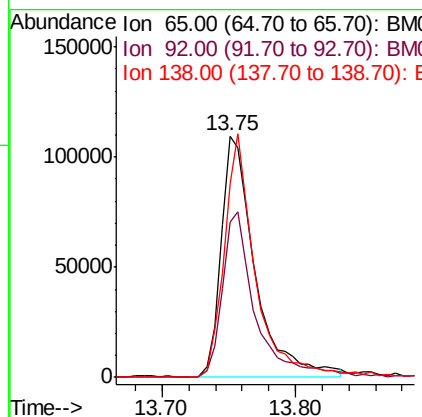
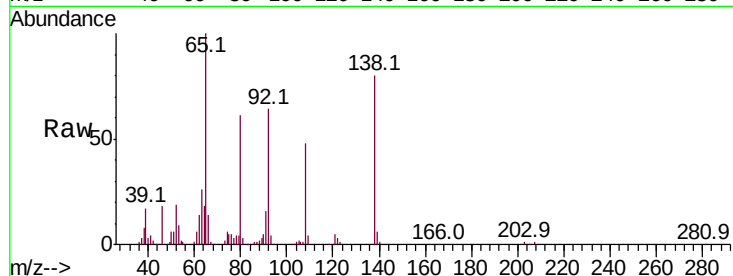
ClientSampleId :

PB112537BS

Tot Ion:	65	Resp:	196263
Ion Ratio	Lower	Upper	
65	100		
92	64.3	59.1	88.7
138	80.1	93.9	140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 41.046 ng

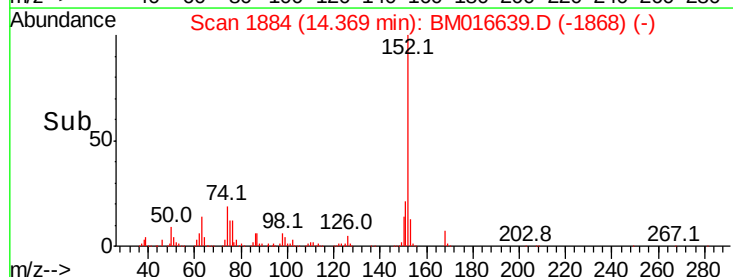
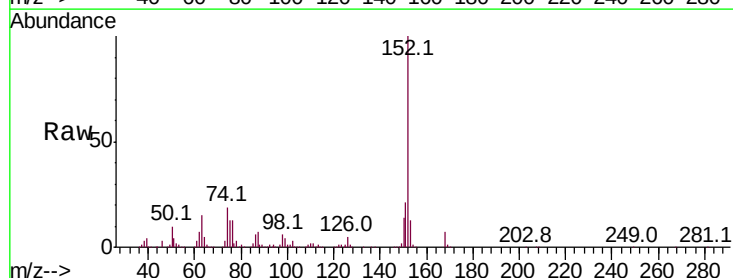
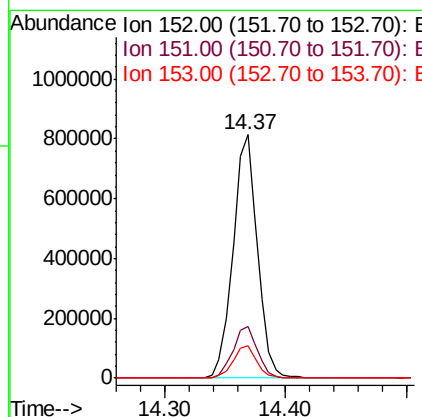
RT: 14.37 min Scan# 1884

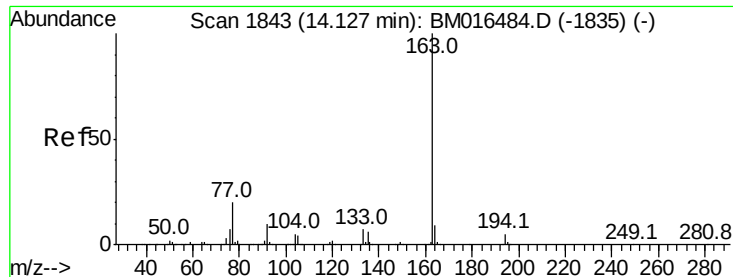
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	152	Resp:	1139993
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.9	23.9
153	13.4	10.6	16.0





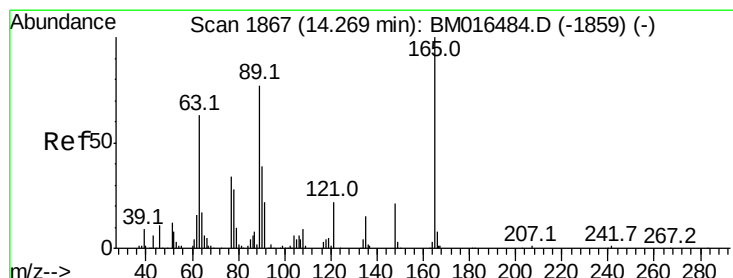
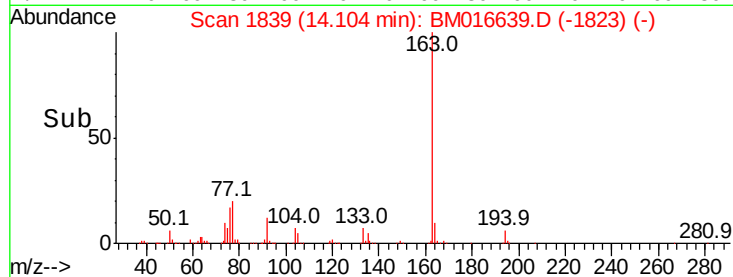
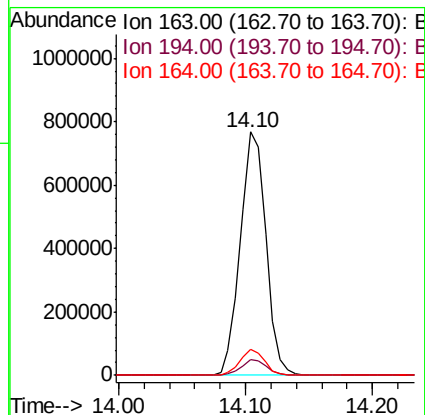
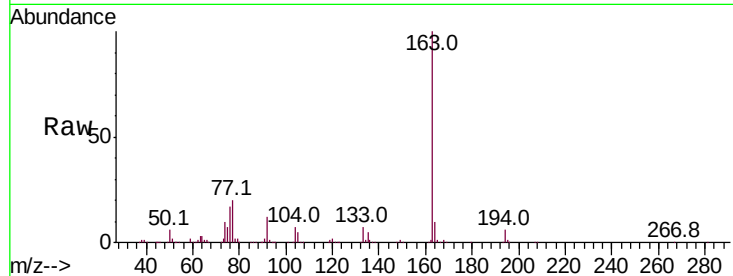
#49
Dimethylphthalate
Concen: 40.439 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion:163 Resp: 1073052
Ion Ratio Lower Upper
163 100
194 6.5 2.7 4.1#
164 10.4 8.2 12.2

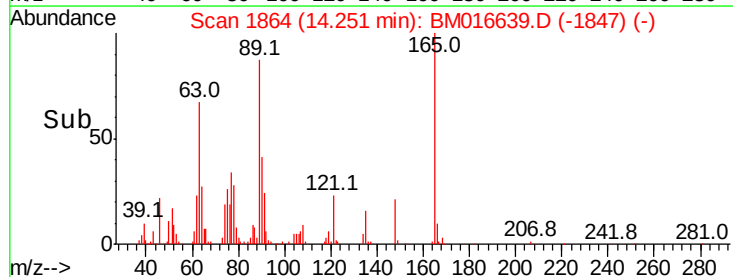
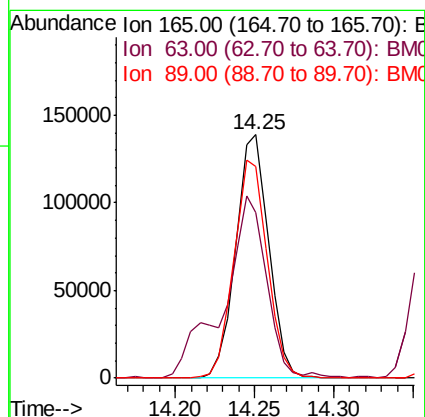
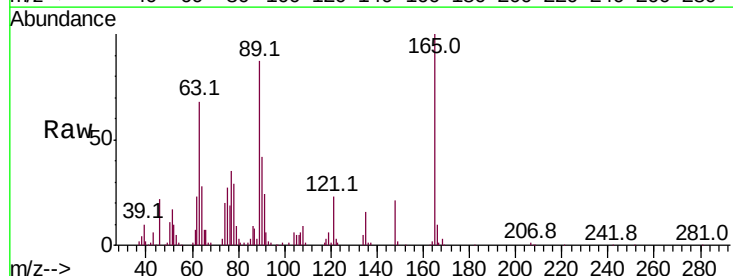
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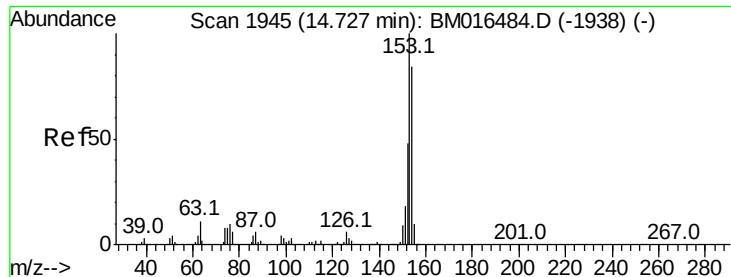
Sohil
9/4/2018 4:39:12 PM



#50
2,6-Dinitrotoluene
Concen: 38.587 ng
RT: 14.25 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion:165 Resp: 199713
Ion Ratio Lower Upper
165 100
63 68.0 44.1 66.1#
89 86.7 44.3 66.5#





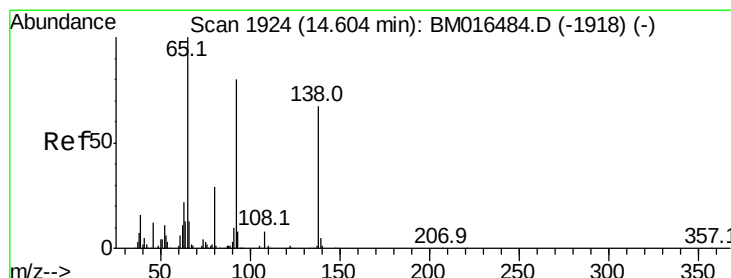
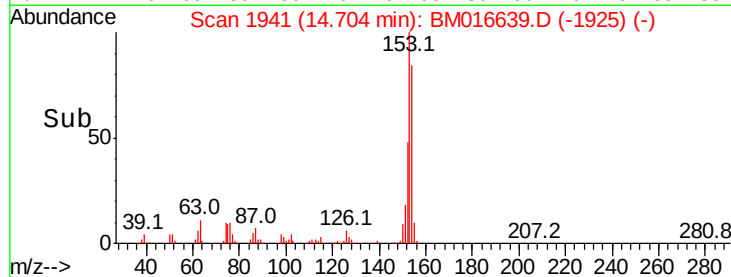
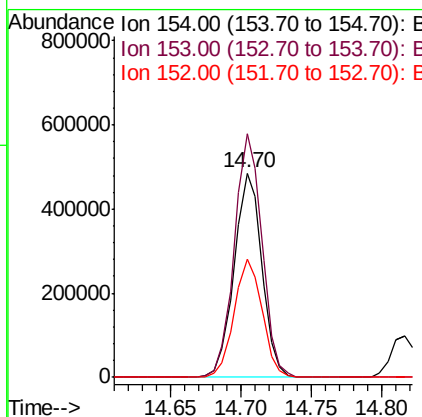
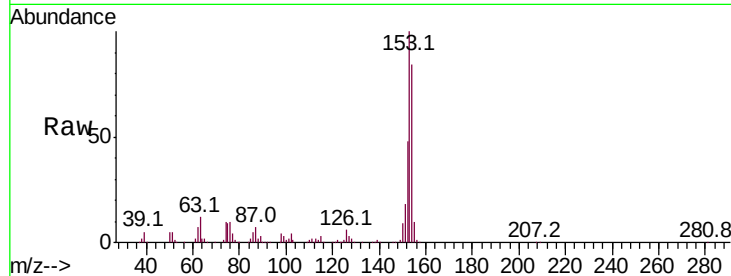
#51
Acenaphthene
Concen: 39.002 ng
RT: 14.70 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion:154	Resp:	665476
Ion Ratio	Lower	Upper
154	100	
153	119.1	90.0 135.0
152	57.6	42.6 63.8

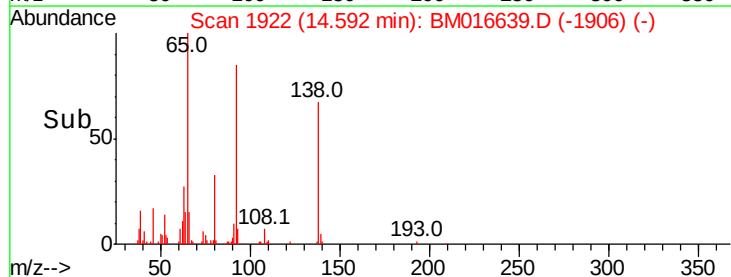
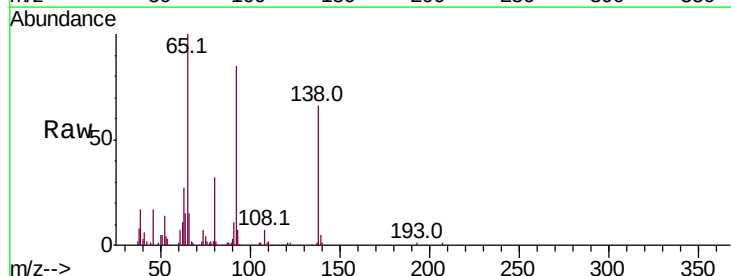
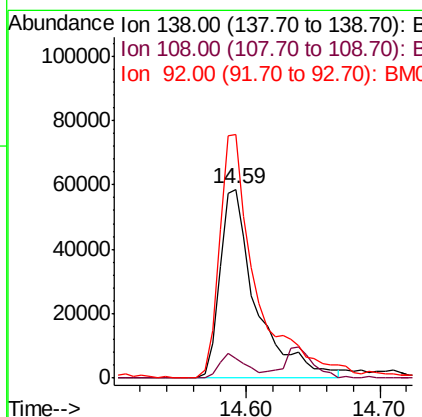
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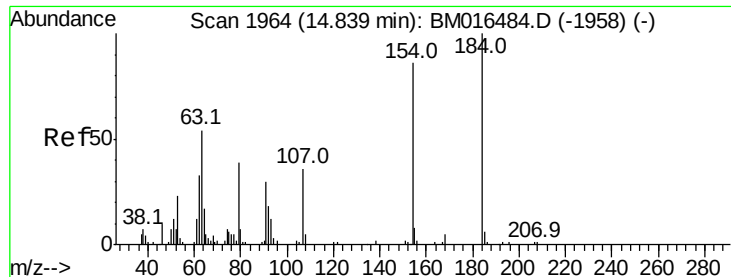
Sohil
9/4/2018 4:39:12 PM



#52
3-Nitroaniline
Concen: 23.719 ng
RT: 14.59 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion:138	Resp:	111699
Ion Ratio	Lower	Upper
138	100	
108	10.5	7.3 10.9
92	128.9	76.6 114.8#





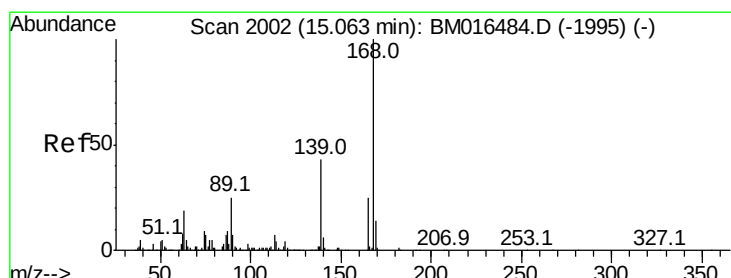
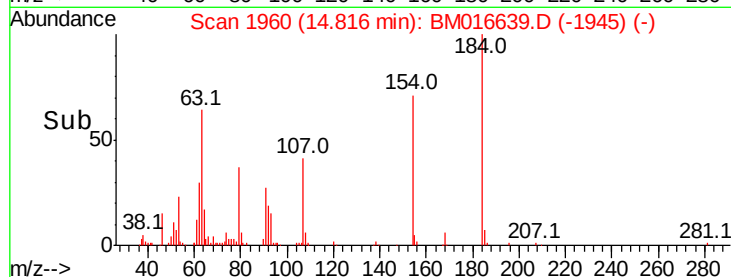
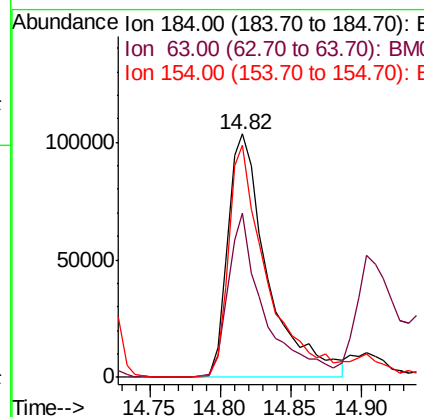
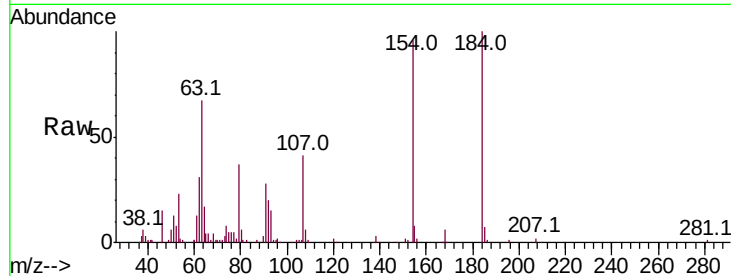
#53
2,4-Dinitrophenol
Concen: 78.923 ng
RT: 14.82 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	204416		
63	67.2	69.2	103.8#	
154	95.6	53.3	79.9#	

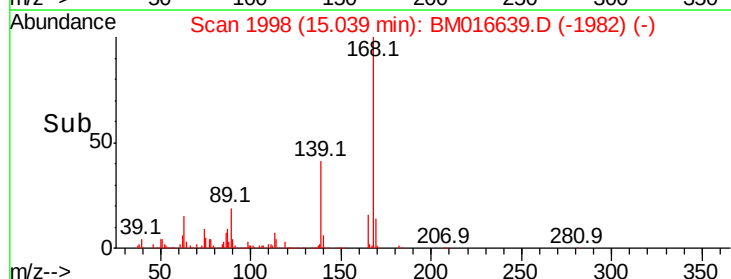
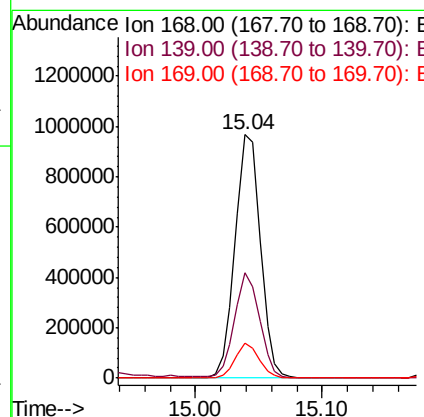
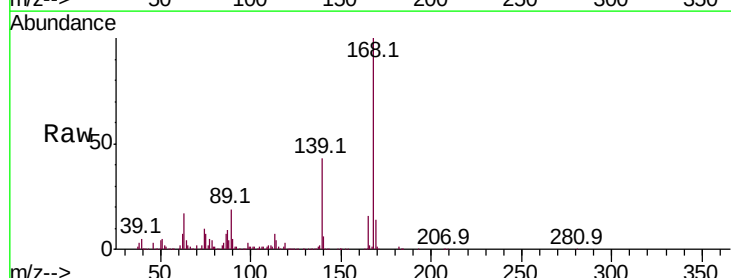
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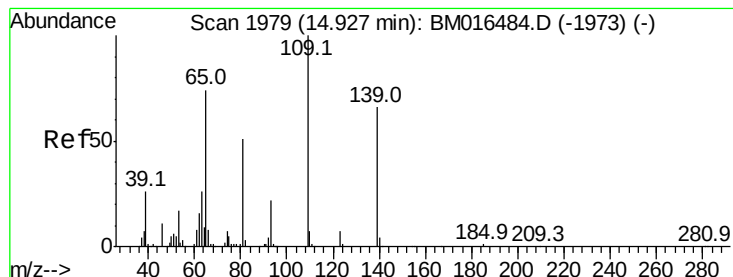
Sohil
9/4/2018 4:39:12 PM



#54
Dibenzofuran
Concen: 40.883 ng
RT: 15.04 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1335383		
139	43.2	27.3	40.9#	
169	14.3	10.6	16.0	





#55

4-Nitrophenol

Concen: 56.134 ng

RT: 14.91 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

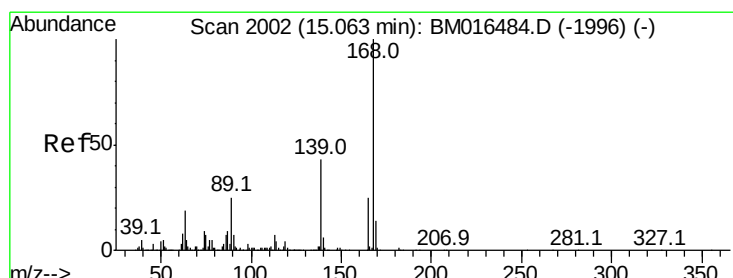
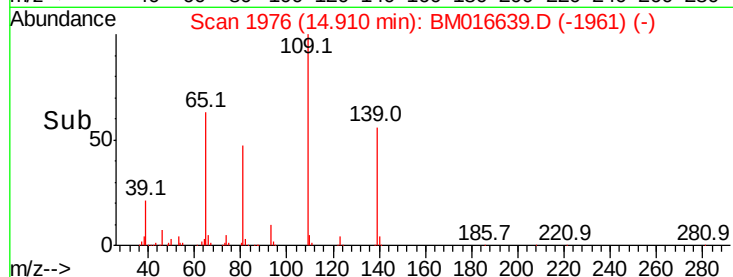
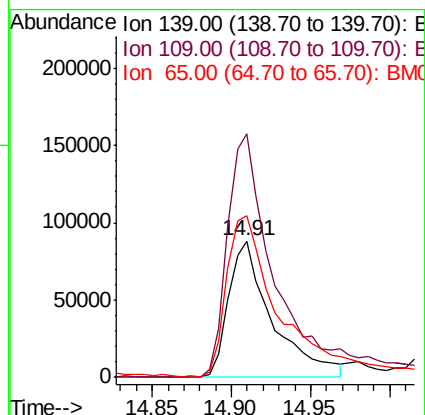
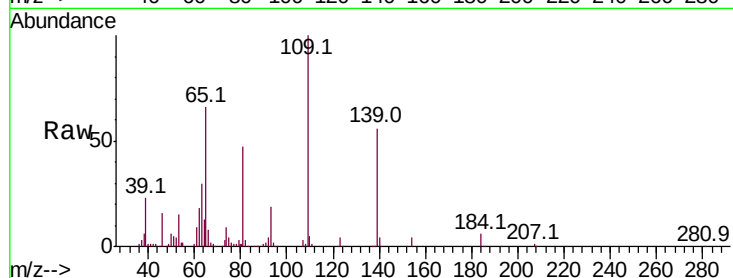
ClientSampleId :

PB112537BS

Tot Ion:	139	Resp:	168606
Ion Ratio	Lower	Upper	
139	100		
109	178.6	130.0	170.0#
65	118.7	130.0	170.0#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 38.115 ng

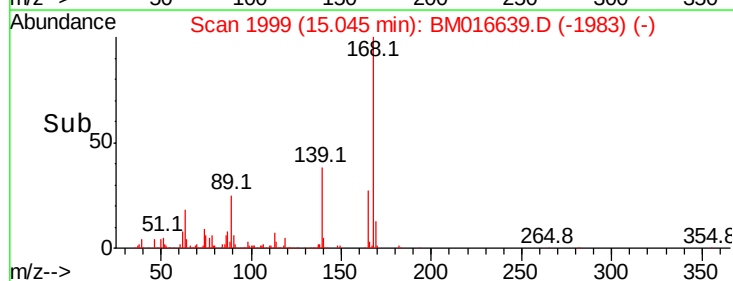
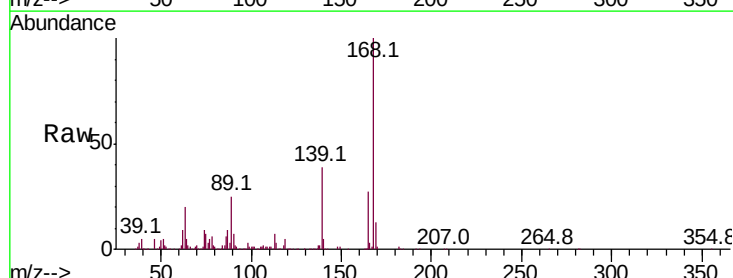
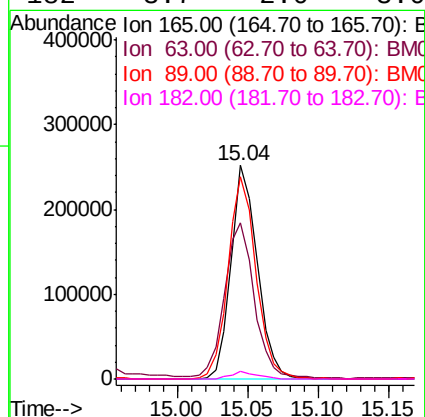
RT: 15.04 min Scan# 1999

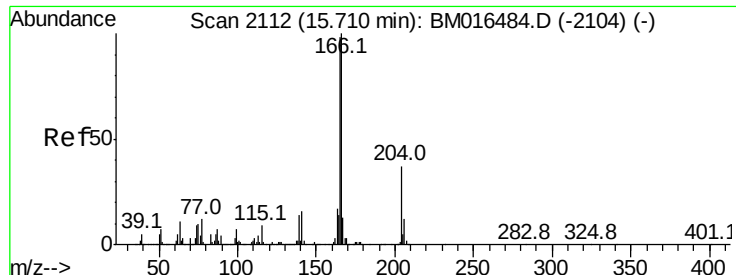
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	165	Resp:	328948
Ion Ratio	Lower	Upper	
165	100		
63	73.3	52.4	78.6
89	95.0	72.4	108.6
182	3.7	2.0	3.0#





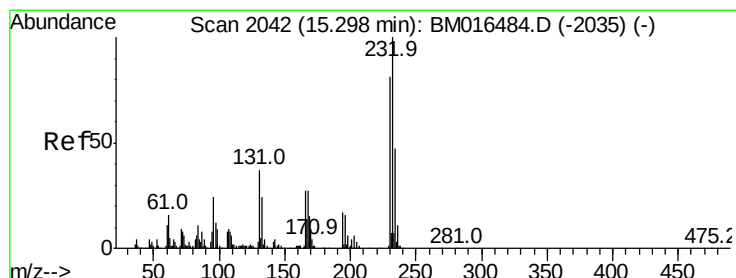
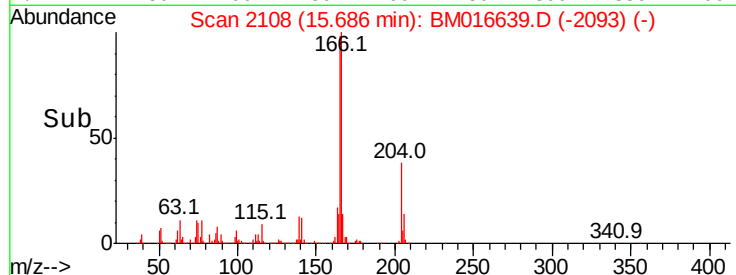
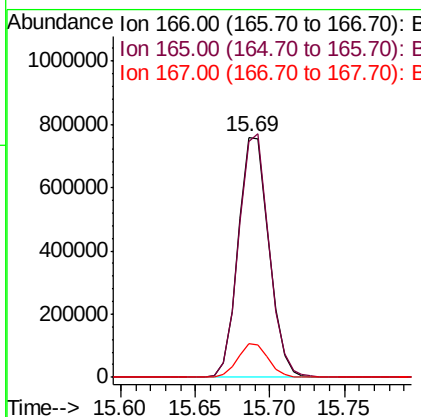
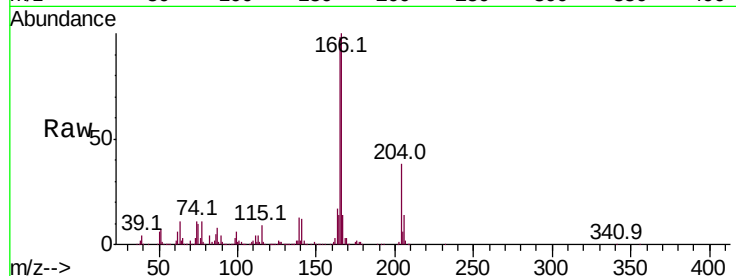
#57
 Fluorene
 Concen: 43.980 ng
 RT: 15.69 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampled :
 PB112537BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	14.0	10.3	15.5

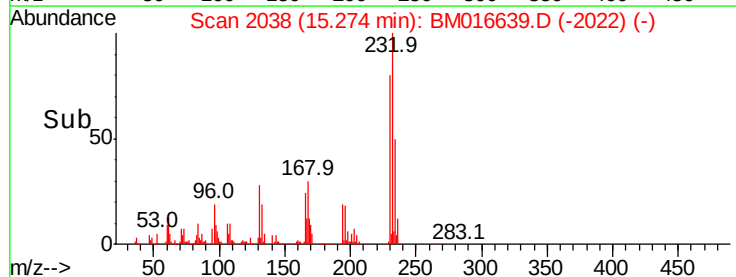
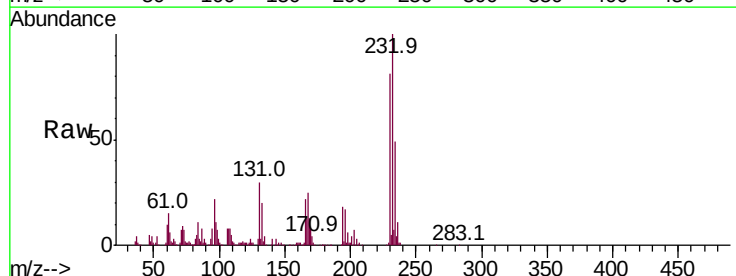
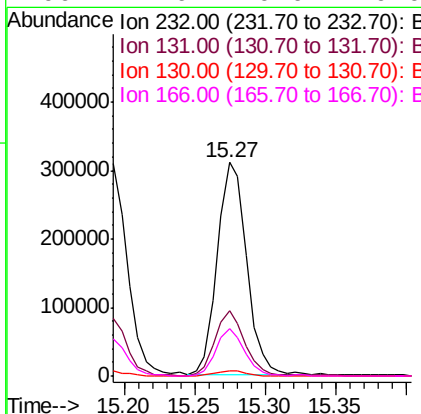
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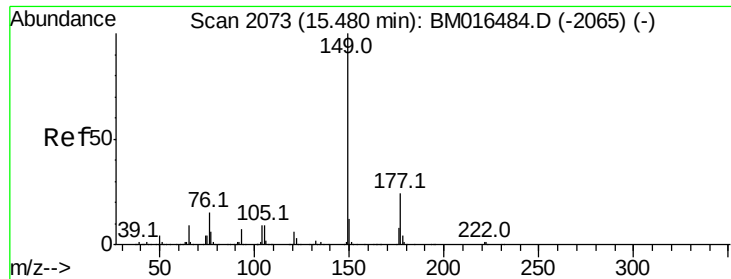
Sohil
 9/4/2018 4:39:12 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.881 ng
 RT: 15.27 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.7	0.0	0.0#
130	2.7	0.0	0.0#
166	21.6	0.0	0.0#





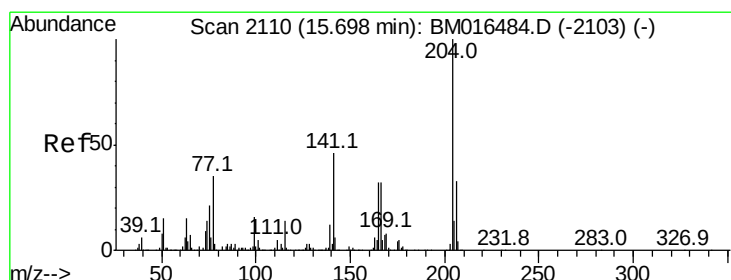
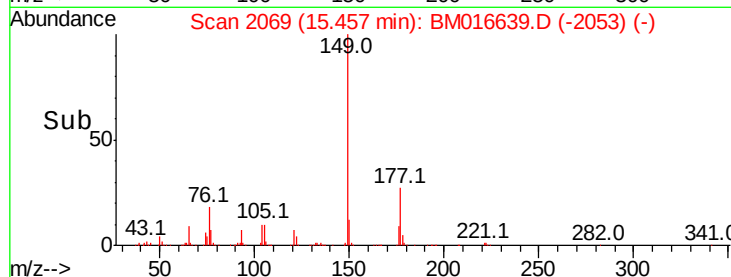
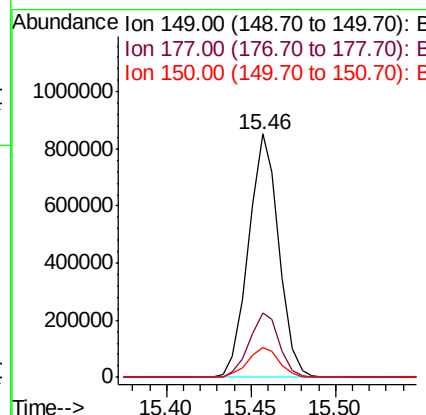
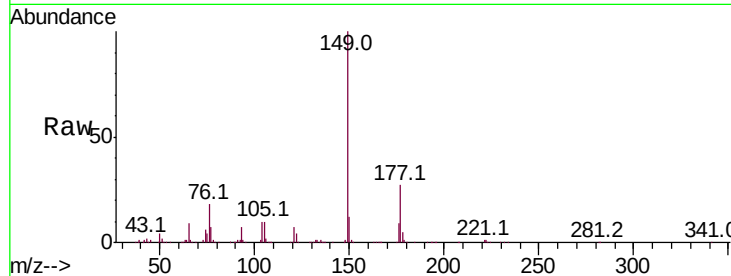
#59
Diethylphthalate
Concen: 38.382 ng
RT: 15.46 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampled :
PB112537BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.6	18.3	27.5
150	12.2	9.8	14.8

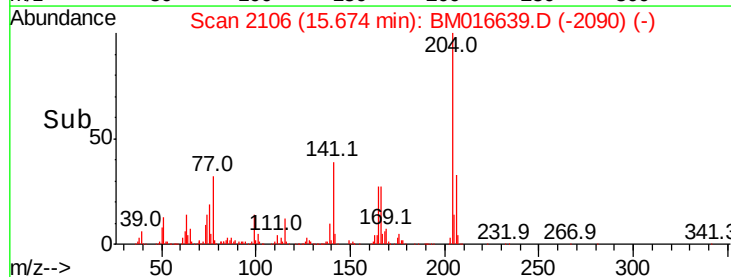
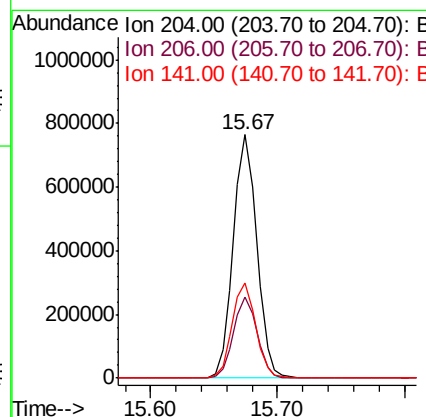
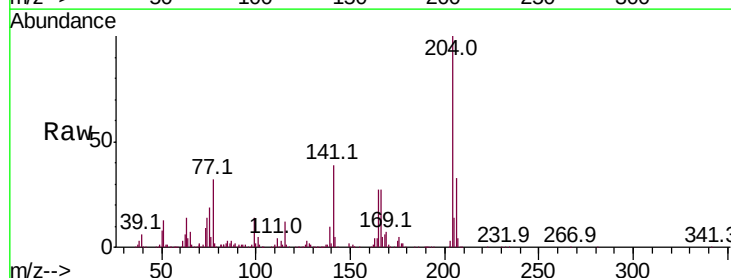
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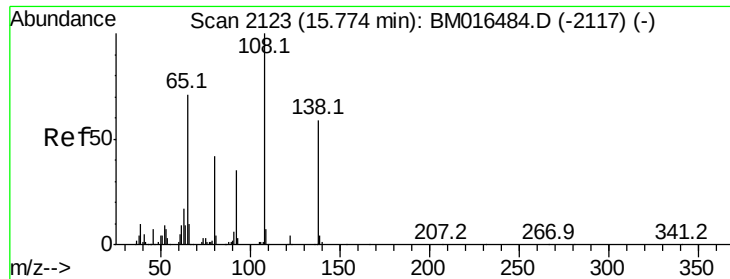
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 47.303 ng
RT: 15.67 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	39.1	45.2	67.8#





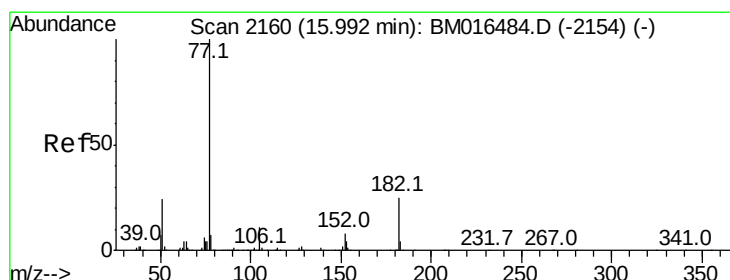
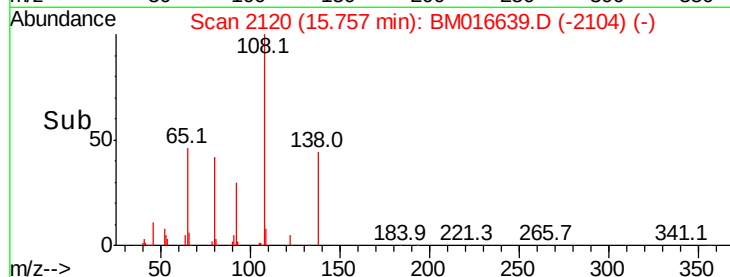
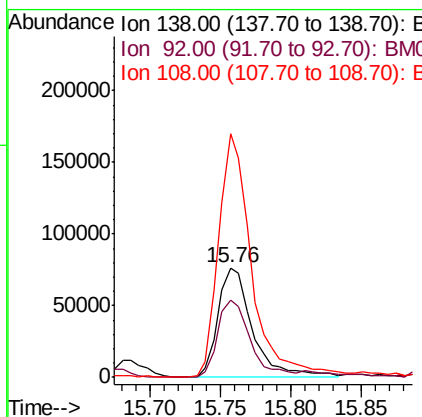
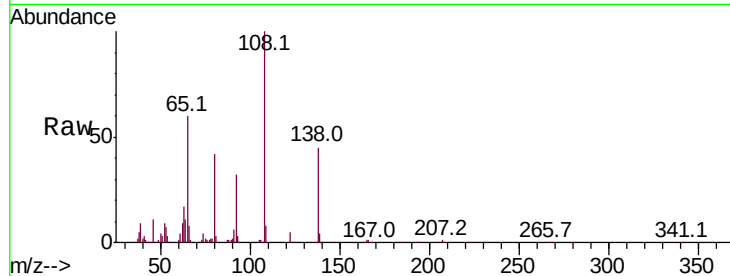
#61
4-Nitroaniline
Concen: 28.539 ng
RT: 15.76 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	70.4	16.7	56.7#
108	222.7	37.6	77.6#

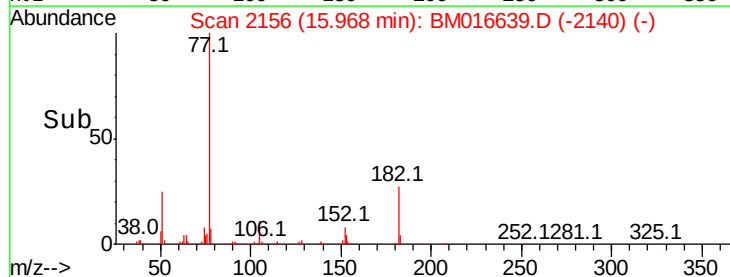
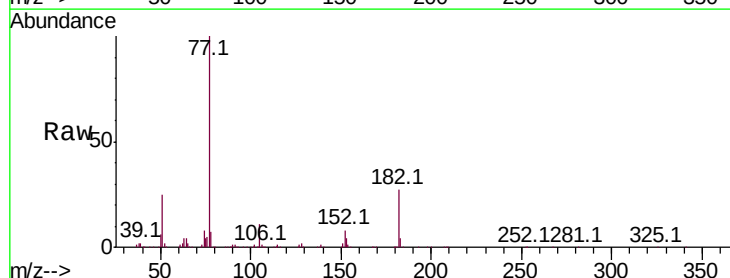
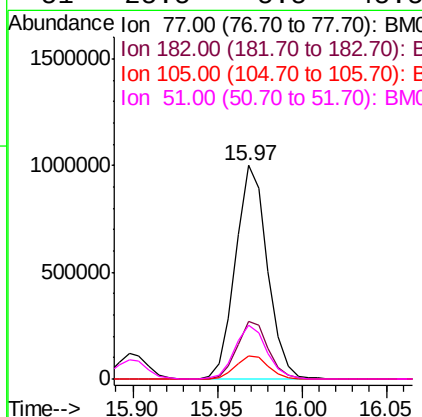
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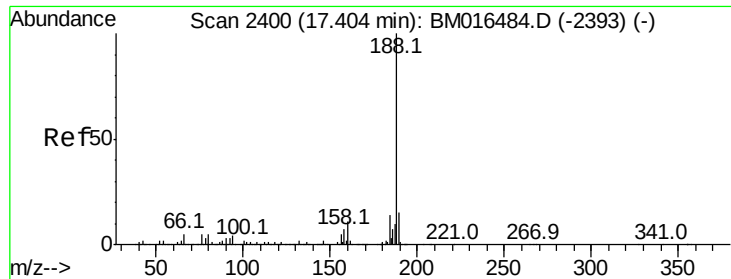
Sohil
9/4/2018 4:39:12 PM



#62
Azobenzene
Concen: 44.557 ng
RT: 15.97 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.5	46.5
105	10.7	3.8	43.8
51	25.5	5.5	45.5





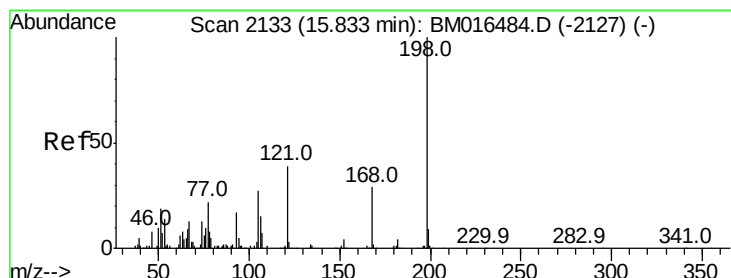
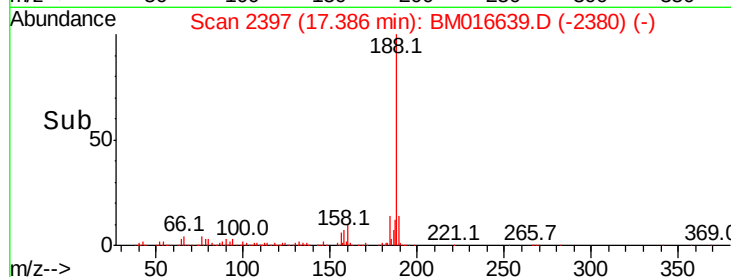
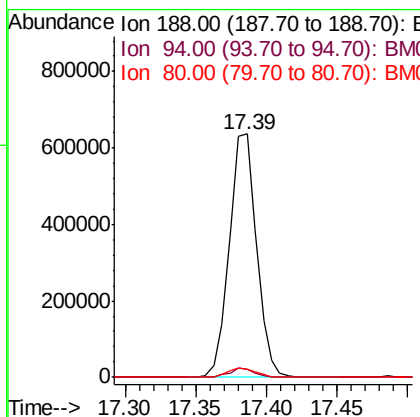
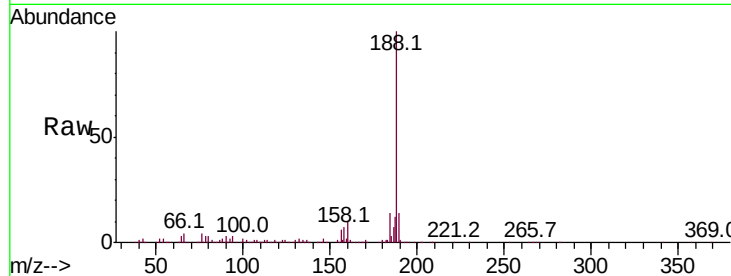
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	3.4	8.7	13.1#	
80	3.4	9.3	13.9#	

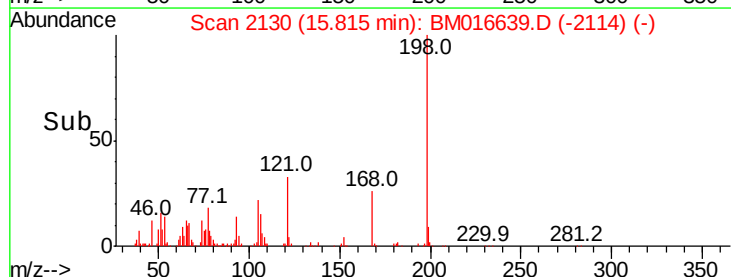
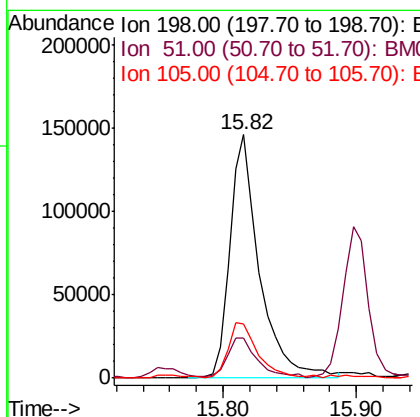
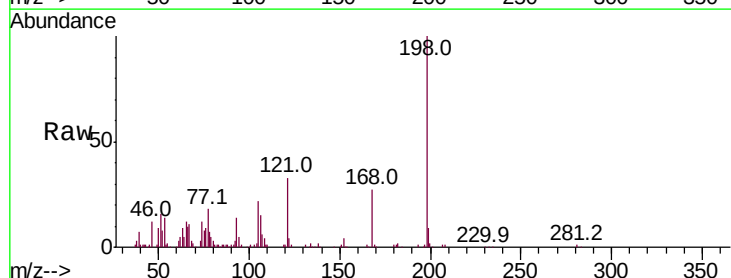
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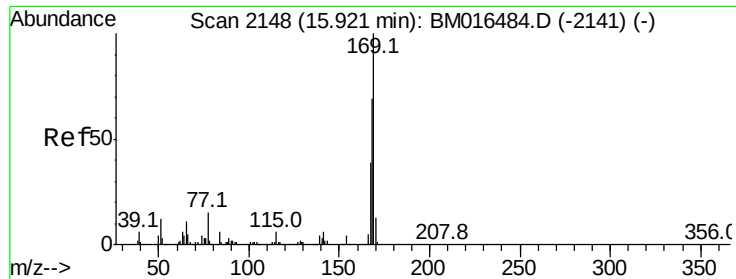
Sohil
 9/4/2018 4:39:12 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.752 ng
 RT: 15.82 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	16.4	28.8	68.8#	
105	22.3	30.5	70.5#	





#65

n-Nitrosodiphenylamine

Concen: 37.401 ng

RT: 15.90 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

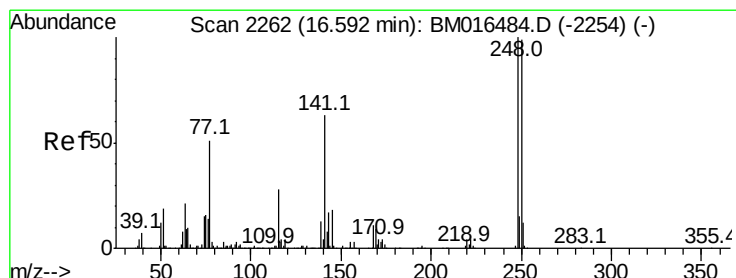
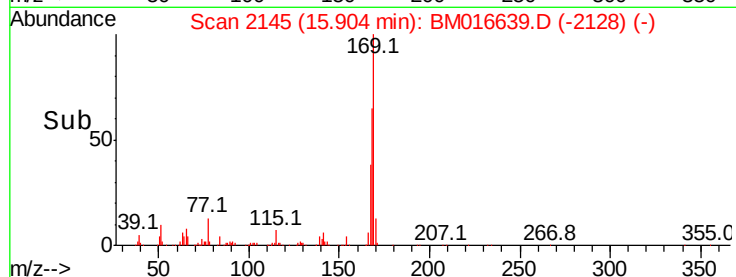
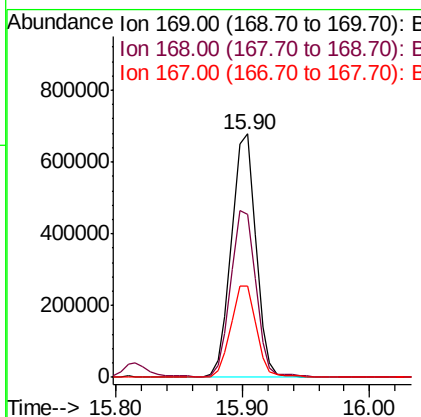
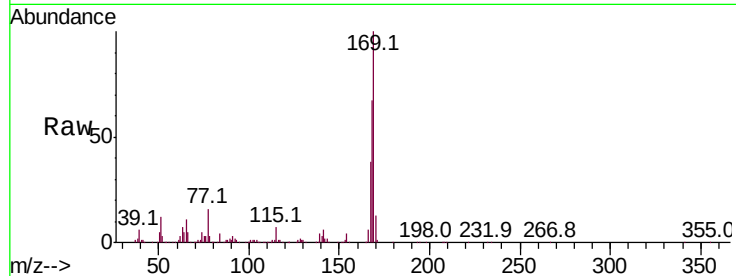
ClientSampleId :

PB112537BS

Tot Ion:	169	Resp:	902341
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.9	80.9
167	37.6	28.9	43.3

Manual Integrations
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Sohil
9/4/2018 4:39:12 PM



#66

4-Bromophenyl-phenylether

Concen: 46.344 ng

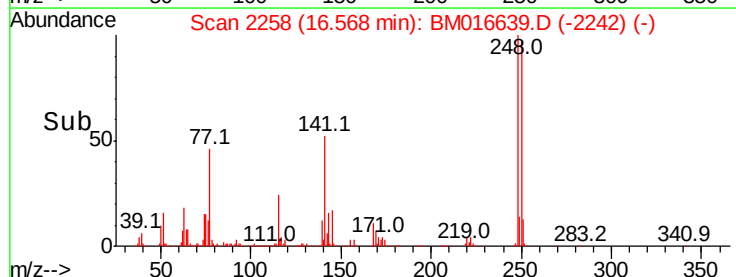
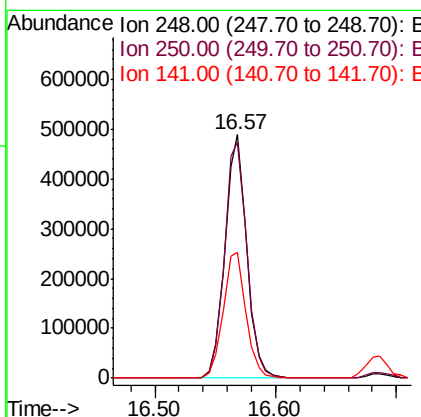
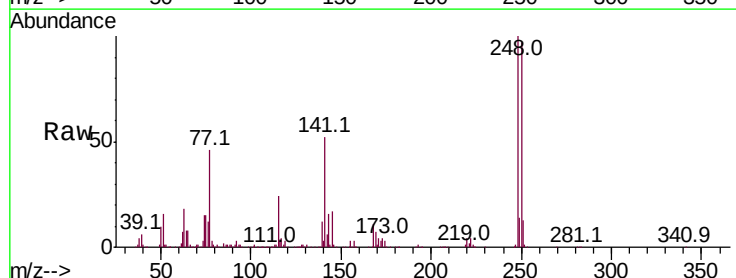
RT: 16.57 min Scan# 2258

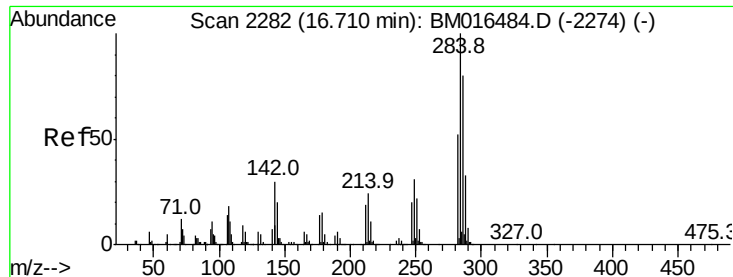
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	248	Resp:	610685
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.4	116.0
141	51.8	45.2	67.8





#67

Hexachlorobenzene

Concen: 42.749 ng

RT: 16.69 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

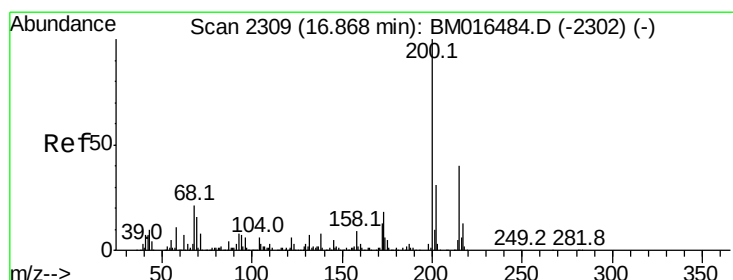
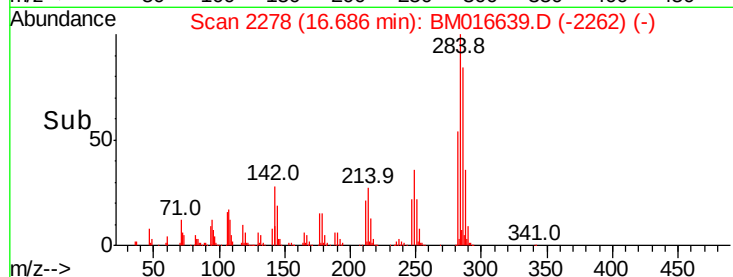
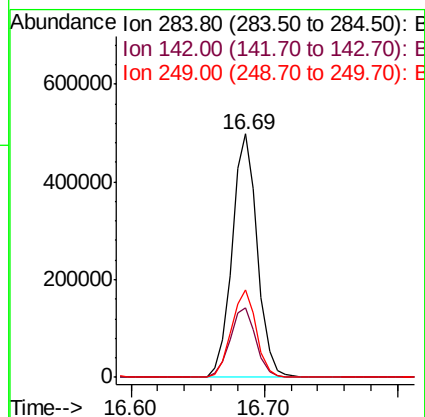
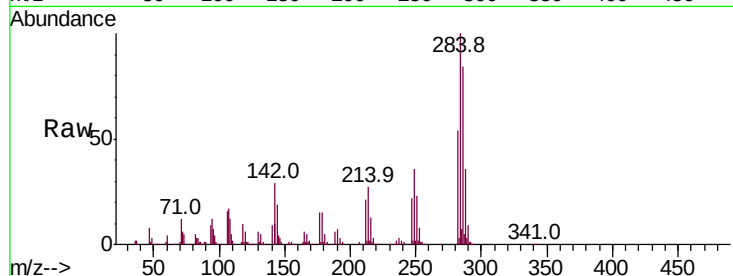
ClientSampleId :

PB112537BS

Tot Ion:	284	Resp:	656929
Ion Ratio	Lower	Upper	
284	100		
142	28.7	20.4	30.6
249	36.1	23.8	35.6

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#68

Atrazine

Concen: 51.785 ng

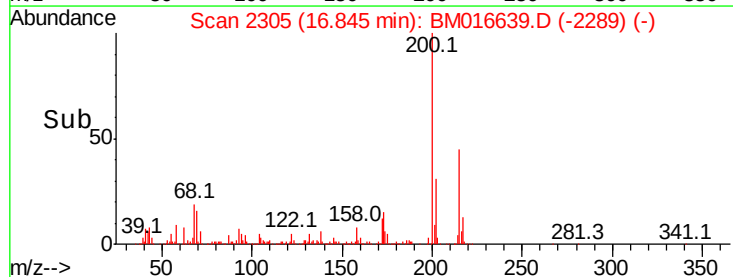
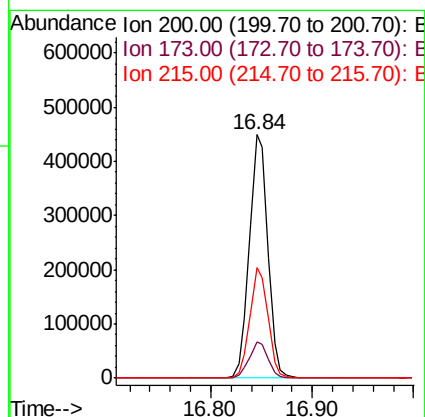
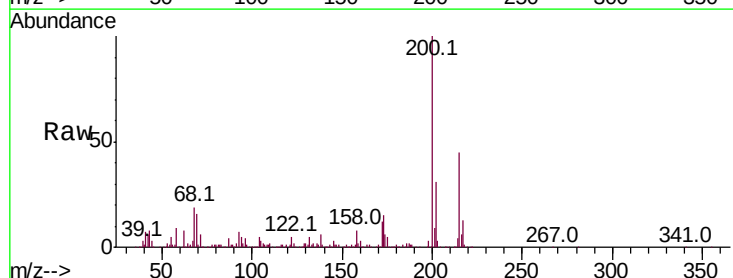
RT: 16.84 min Scan# 2305

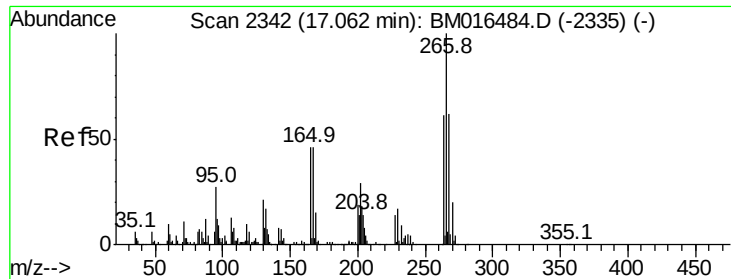
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	200	Resp:	570180
Ion Ratio	Lower	Upper	
200	100		
173	15.1	4.8	44.8
215	45.2	26.9	66.9





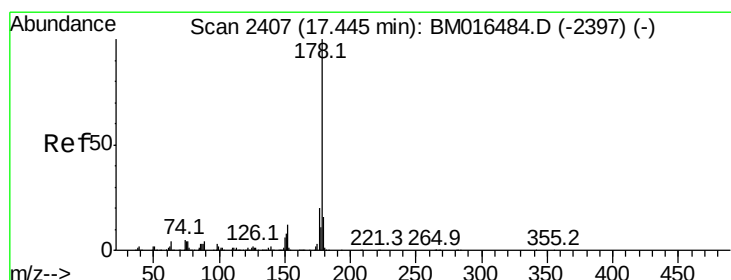
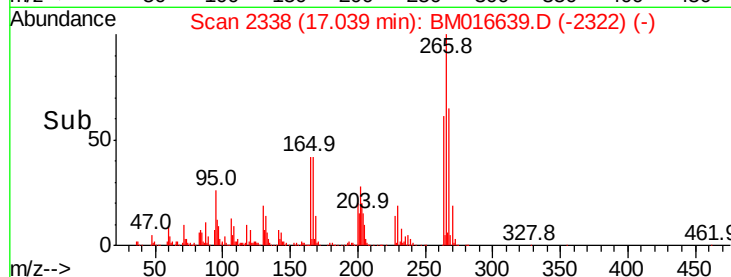
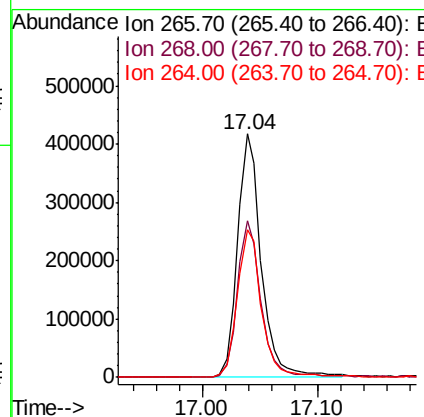
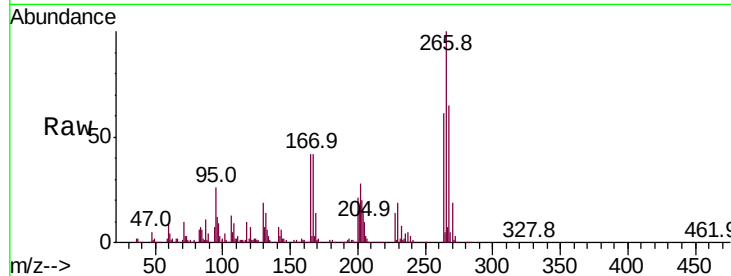
#69
 Pentachlorophenol
 Concen: 73.015 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	593671		
268	64.5	52.0	78.0	
264	60.8	49.0	73.4	

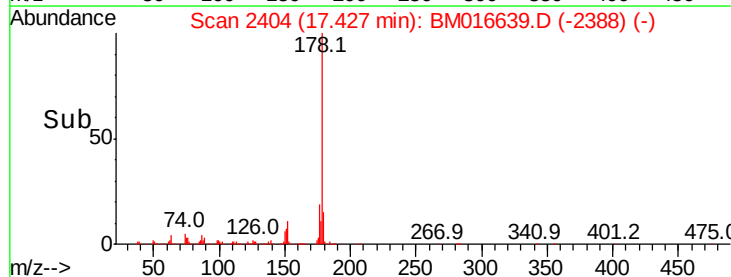
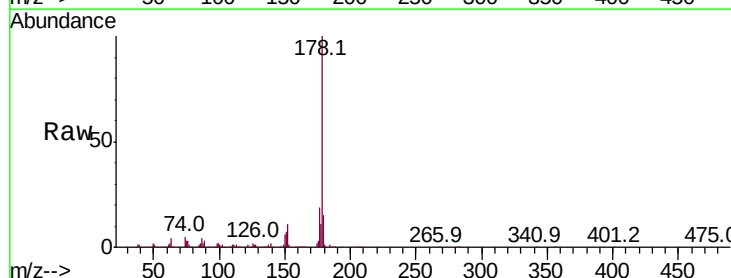
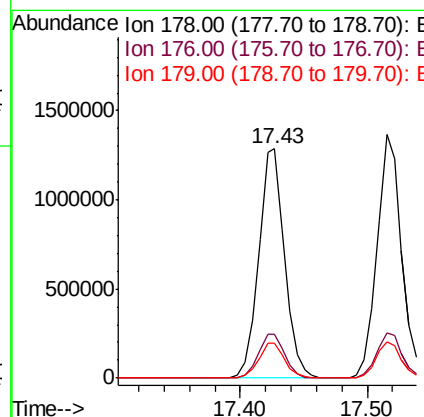
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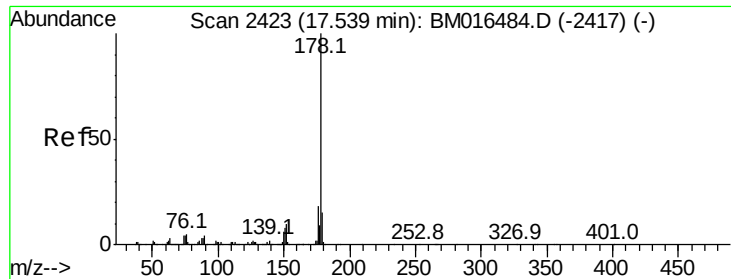
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#70
 Phenanthrene
 Concen: 41.309 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1831046		
176	19.2	15.2	22.8	
179	15.1	12.1	18.1	





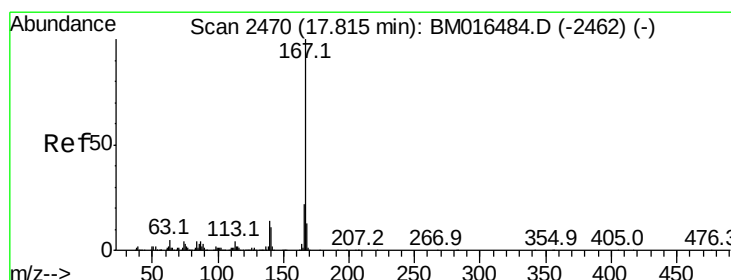
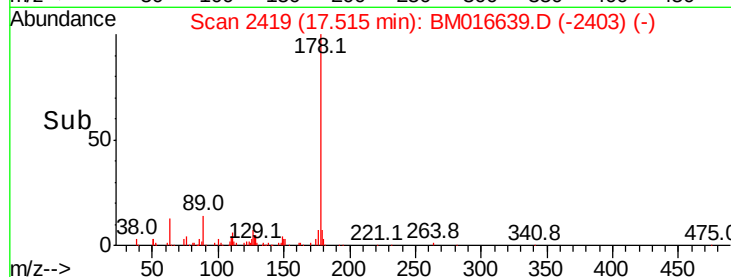
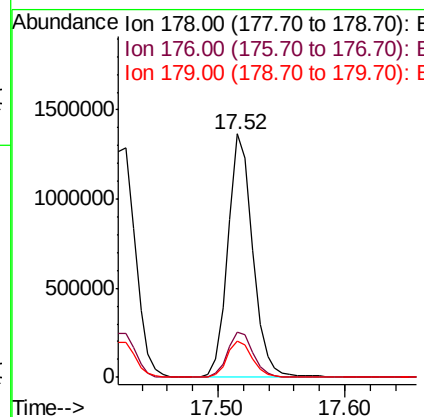
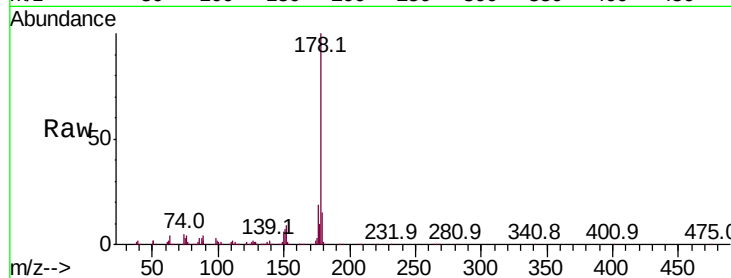
#71
 Anthracene
 Concen: 41.977 ng
 RT: 17.52 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	14.9	12.6	19.0

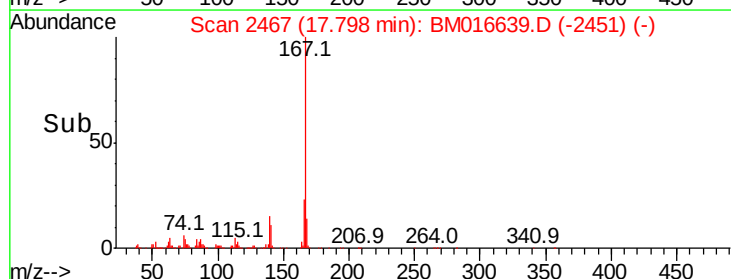
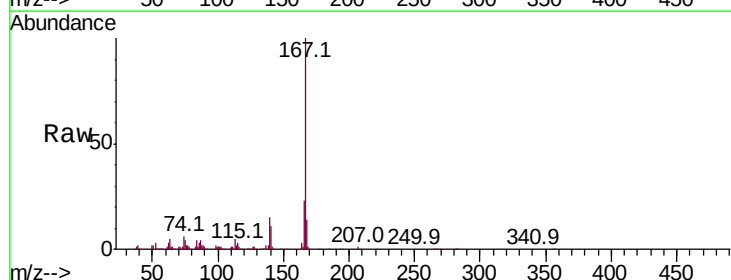
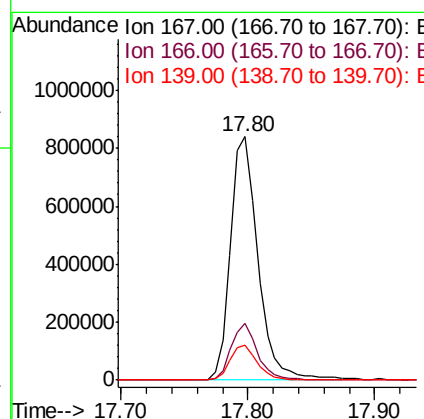
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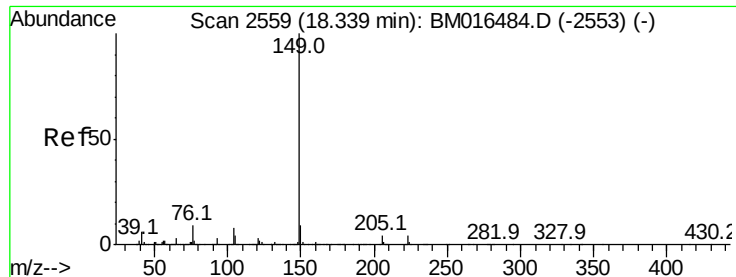
Sohil
 9/4/2018 4:39:12 PM



#72
 Carbazole
 Concen: 31.866 ng
 RT: 17.80 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.2	25.8
139	14.5	10.8	16.2





#73

Di-n-butylphthalate

Concen: 36.060 ng

RT: 18.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

ClientSampleId :

PB112537BS

Tot Ion:149 Resp: 1738948

Ion Ratio Lower Upper

149 100

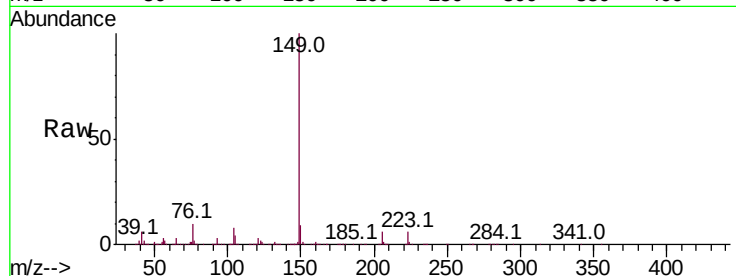
150 9.3 7.5 11.3

104 8.2 3.7 5.5#

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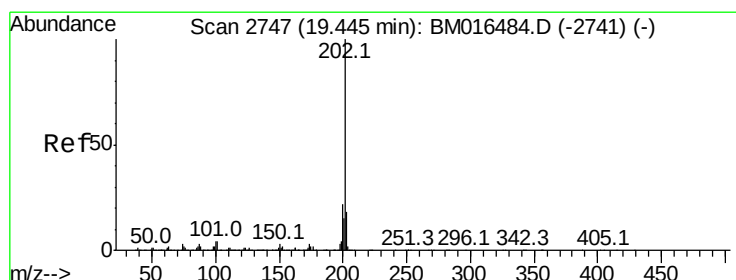
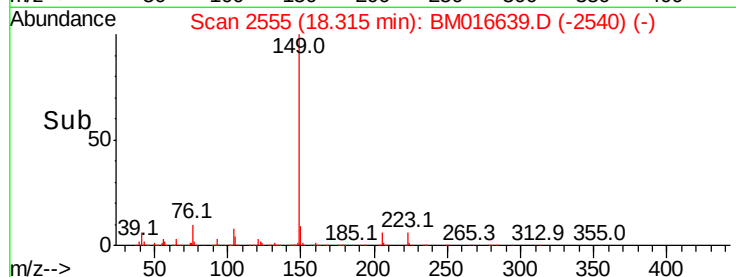
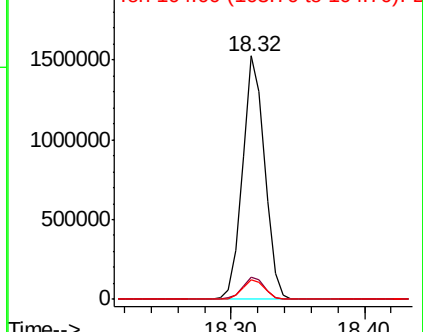


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.861 ng

RT: 19.43 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

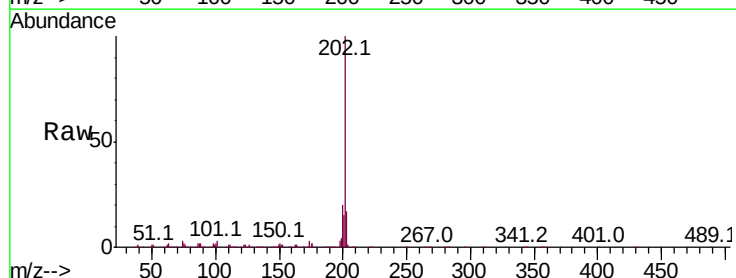
Tgt Ion:202 Resp: 2720570

Ion Ratio Lower Upper

202 100

101 2.7 0.0 28.7

203 16.8 0.0 37.2

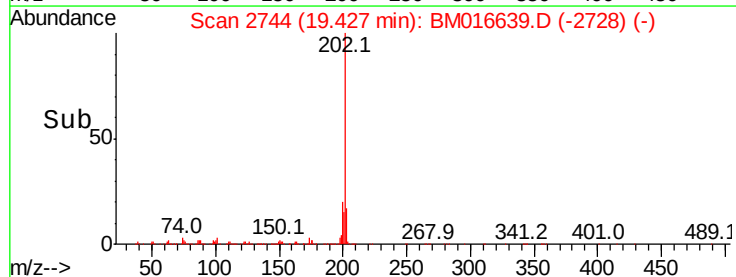
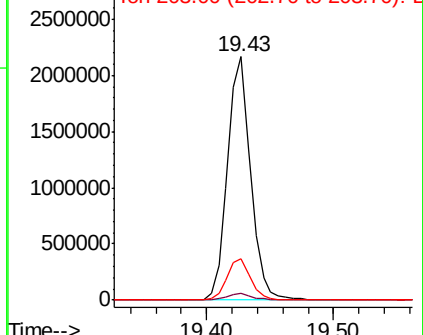


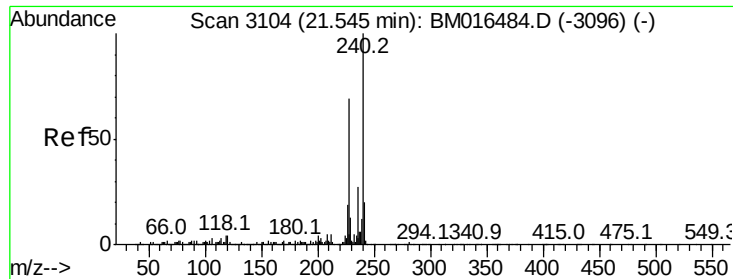
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

ClientSampleId :

PB112537BS

Tot Ion:240 Resp: 1116881

Ion Ratio Lower Upper

240 100

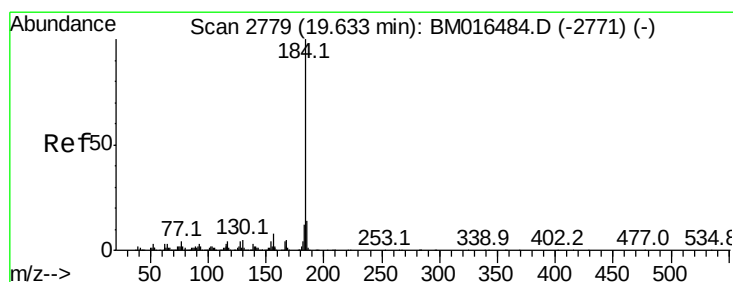
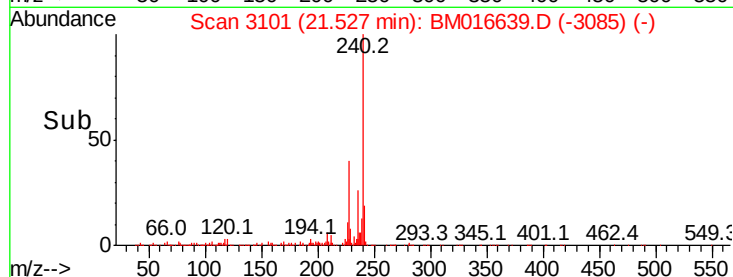
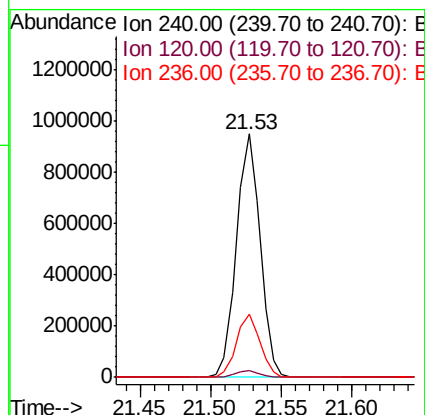
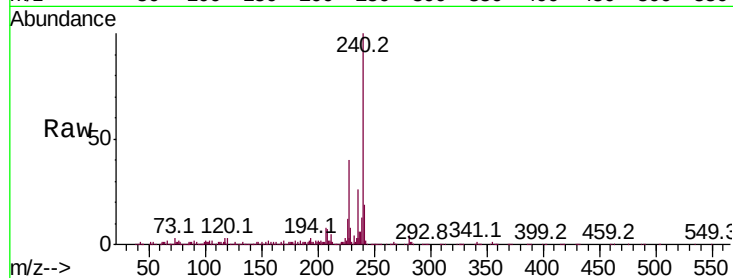
120 3.0 8.2 12.2#

236 25.7 20.0 30.0

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#76

Benzidine

Concen: 46.635 ng

RT: 19.62 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

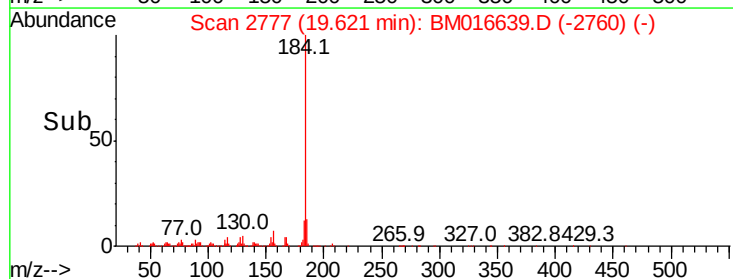
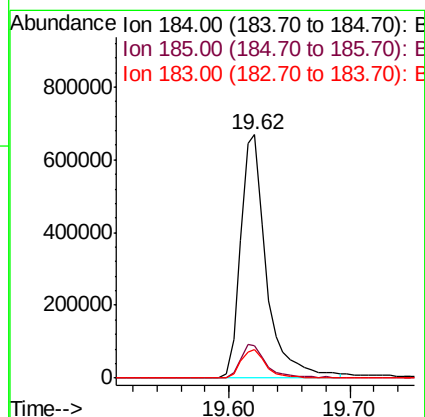
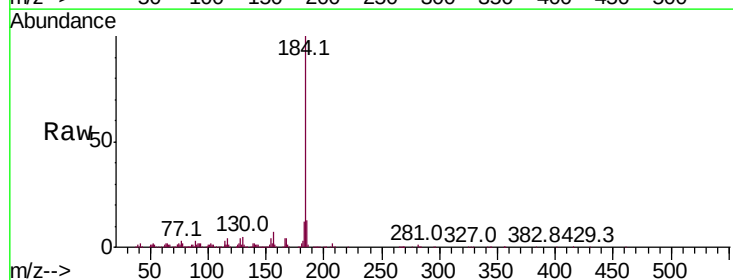
Tgt Ion:184 Resp: 1001673

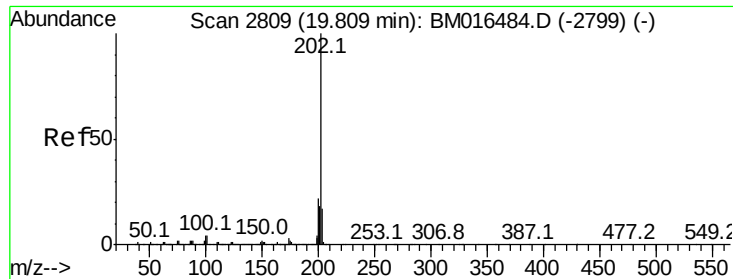
Ion Ratio Lower Upper

184 100

185 13.2 11.3 16.9

183 11.5 8.9 13.3





#77

Pvrene

Concen: 45.083 ng

RT: 19.79 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

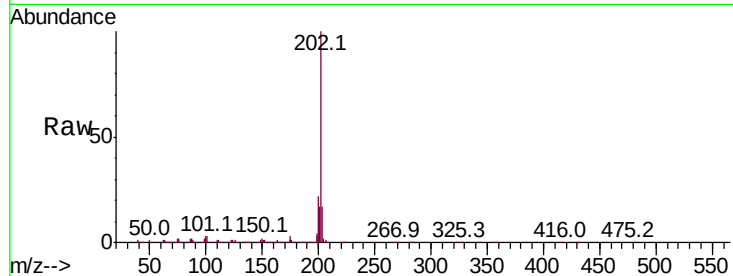
ClientSampleId :

PB112537BS

Tot Ion:	202	Resp:	2736482
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.9	25.3
203	16.8	14.1	21.1

Manual Integrations
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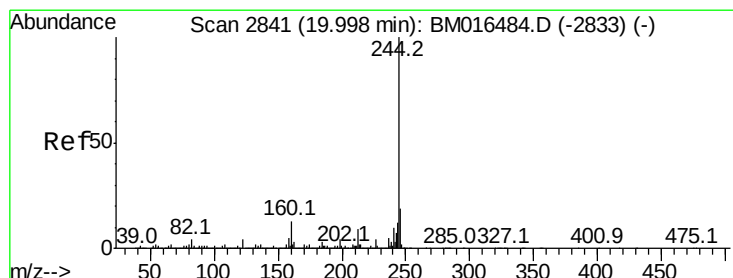
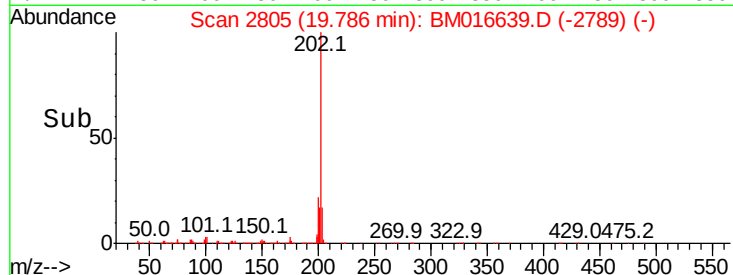
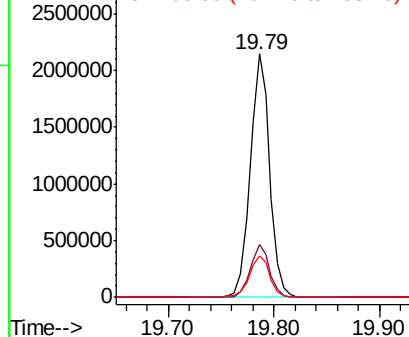


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.028 ng

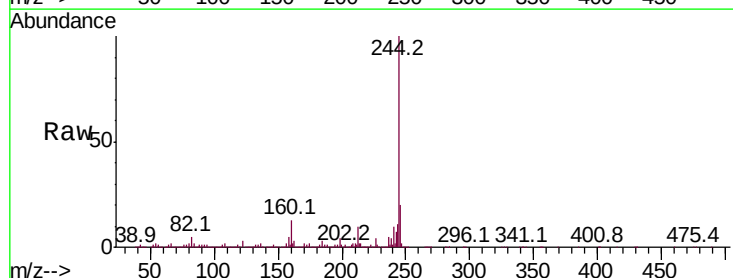
RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	244	Resp:	4592311
Ion Ratio	Lower	Upper	
244	100		
212	9.6	4.9	7.3#
122	3.2	6.2	9.4#

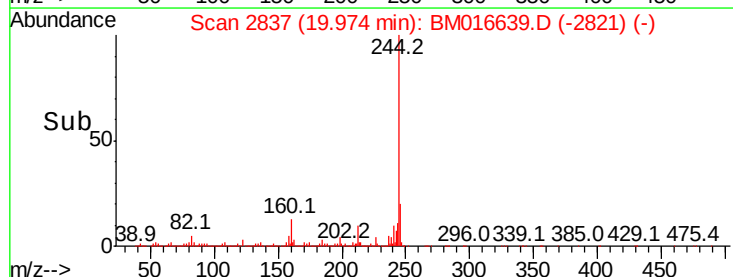
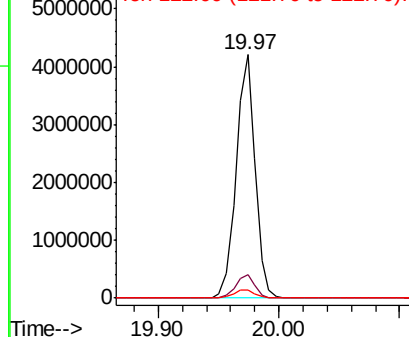


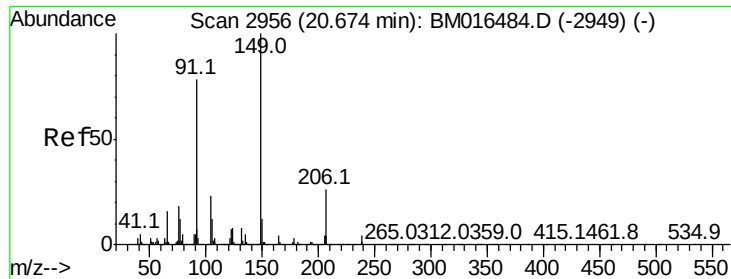
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





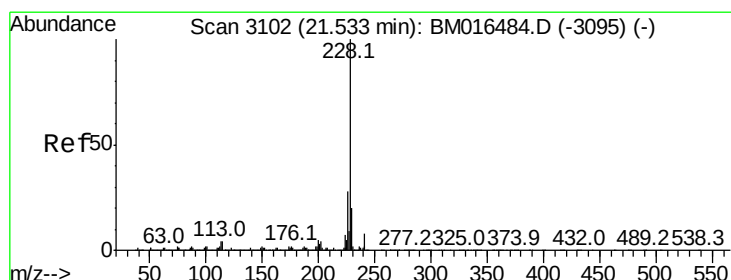
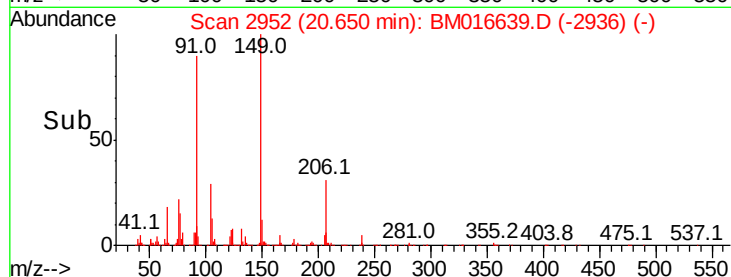
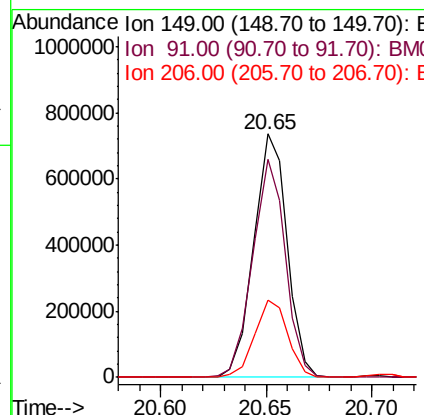
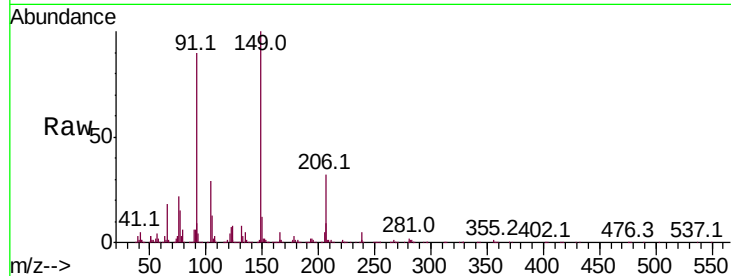
#79
Butylbenzylphthalate
Concen: 38.679 ng
RT: 20.65 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	810387		
91	89.6	50.1	75.1#	
206	31.5	16.2	24.2#	

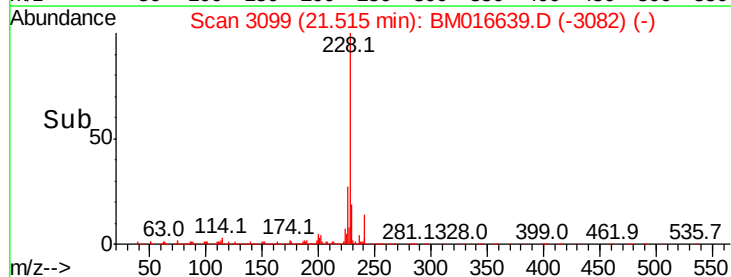
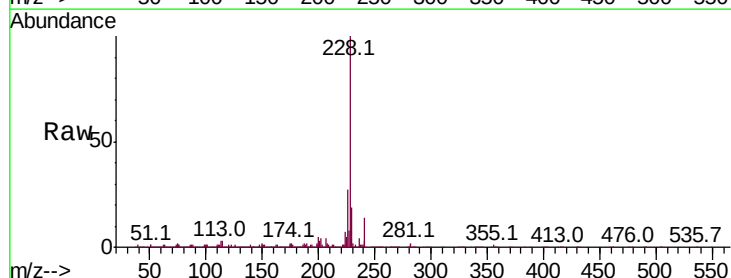
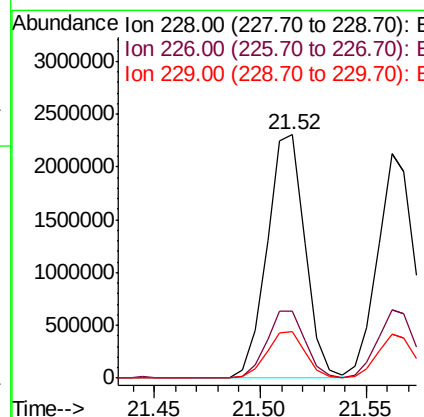
Manual Integrations
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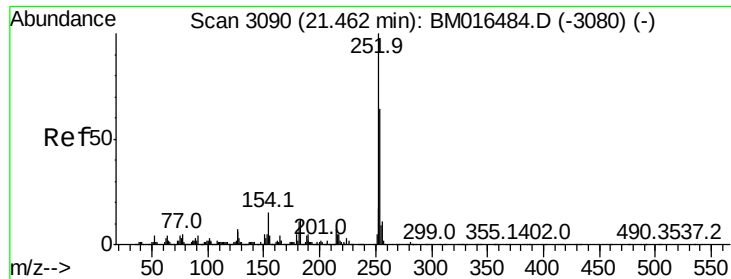
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#80
Benzo(a)anthracene
Concen: 43.801 ng
RT: 21.52 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2876102		
226	27.3	21.7	32.5	
229	19.1	16.0	24.0	





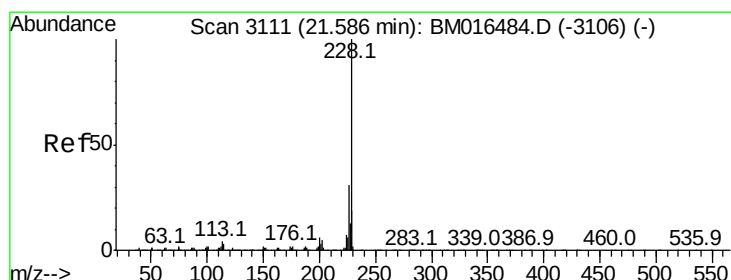
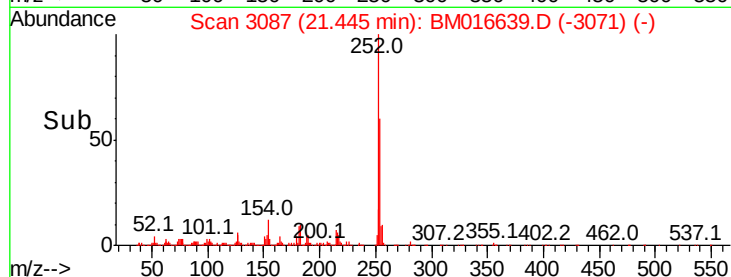
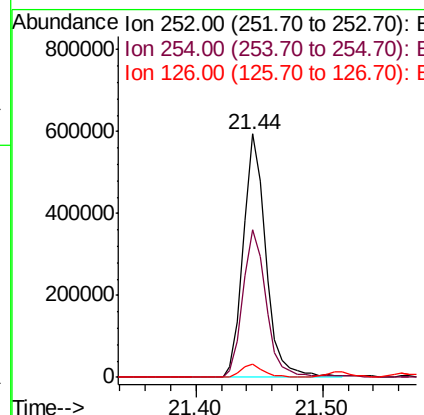
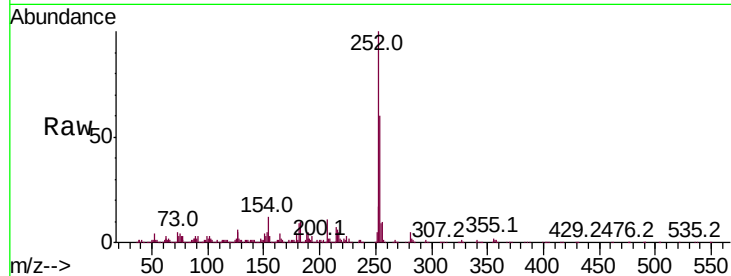
#81
 3,3'-Dichlorobenzidine
 Concen: 24.843 ng
 RT: 21.44 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	60.4	51.9	77.9
126	5.2	9.8	14.8

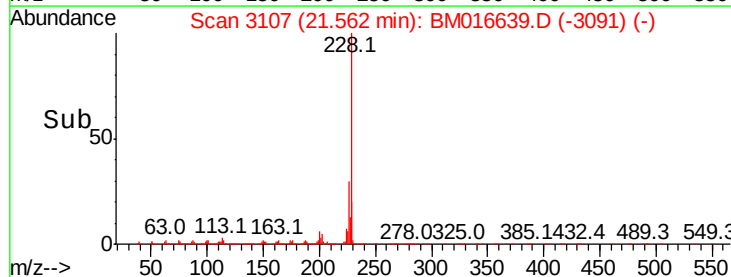
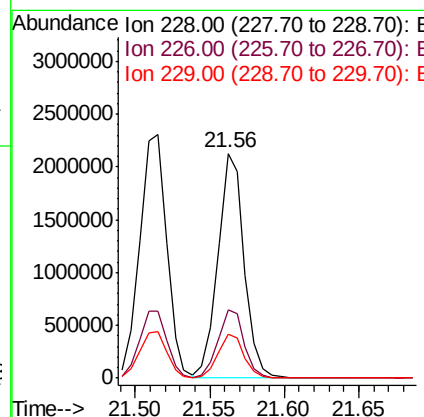
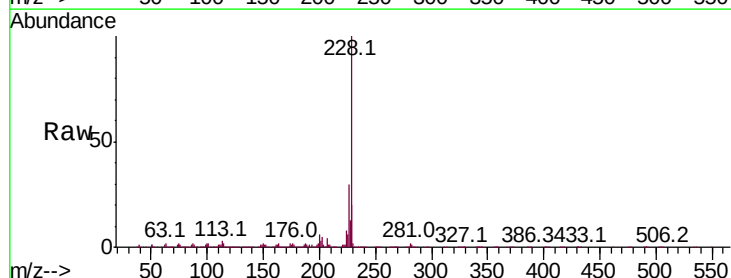
Manual Integrations
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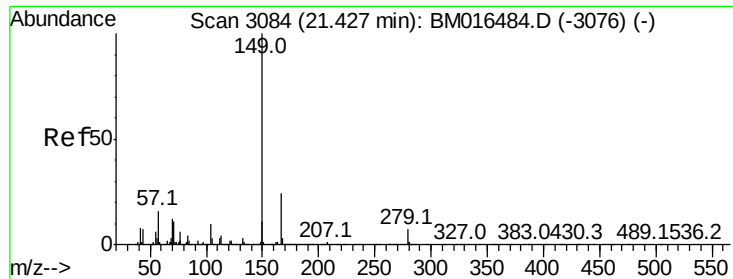
Sohil
 9/4/2018 4:39:12 PM



#82
 Chrysene
 Concen: 41.587 ng
 RT: 21.56 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.8	15.5	23.3





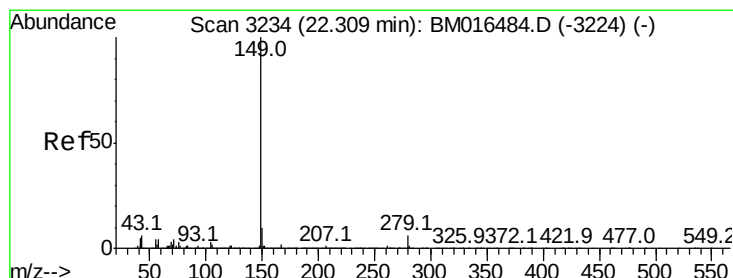
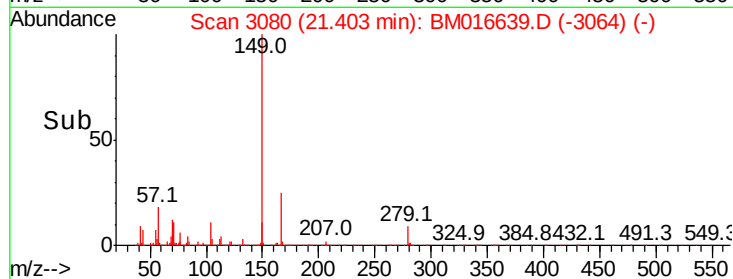
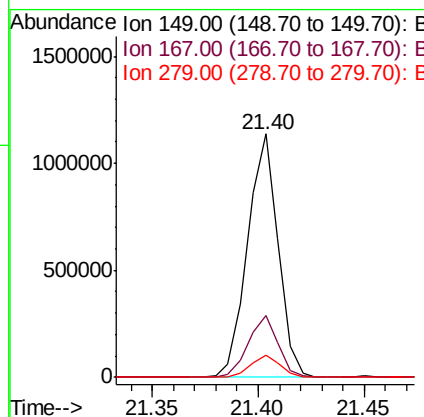
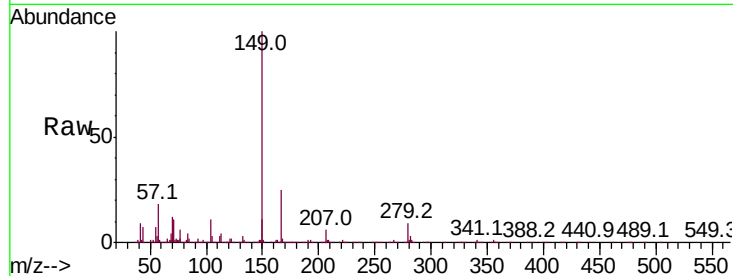
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.576 ng
 RT: 21.40 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.4	33.6
279	8.9	3.4	5.0#

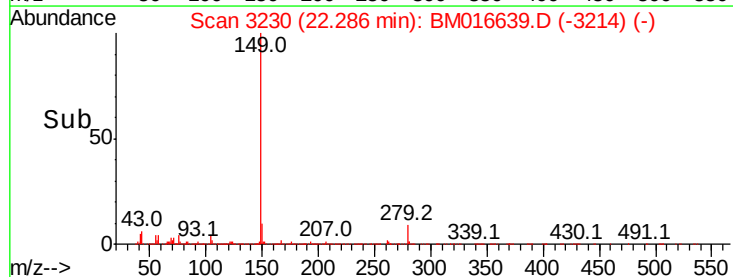
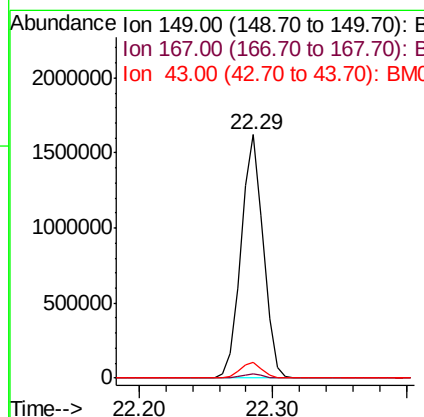
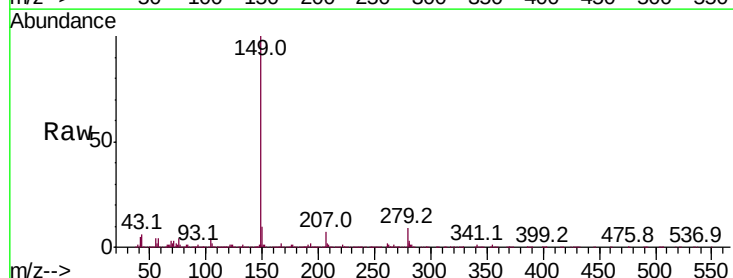
Manual Integrations
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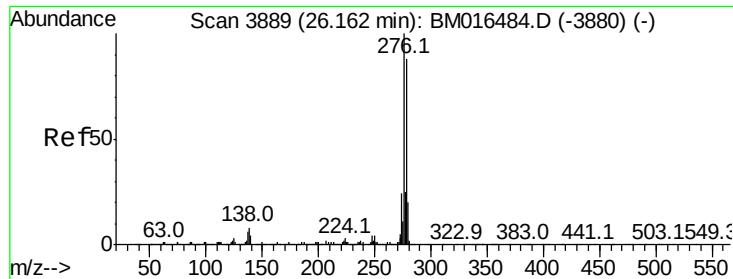
Sohil
 9/4/2018 4:39:12 PM



#84
 Di-n-octyl phthalate
 Concen: 35.780 ng
 RT: 22.29 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	6.4	7.3	10.9#





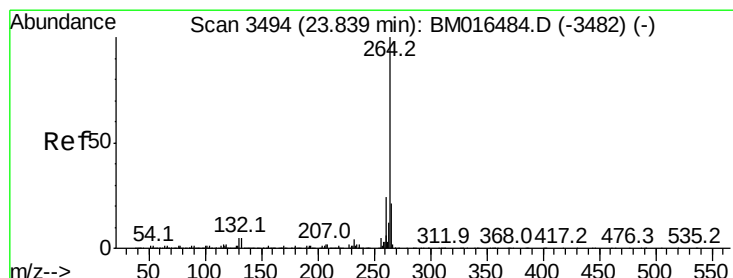
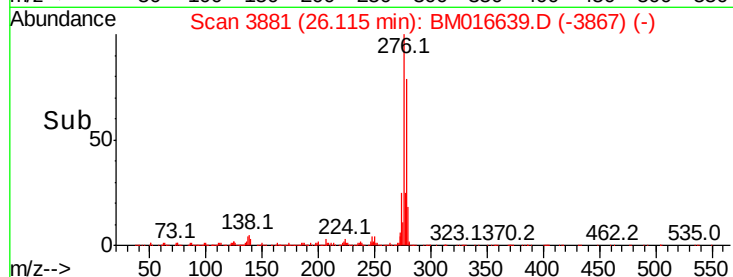
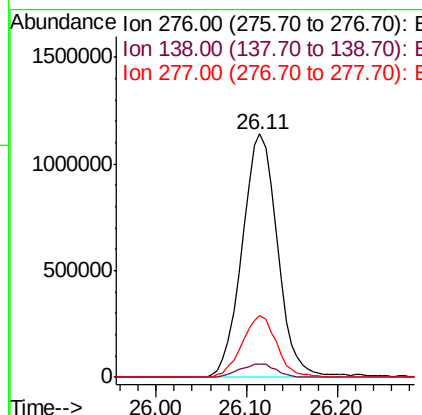
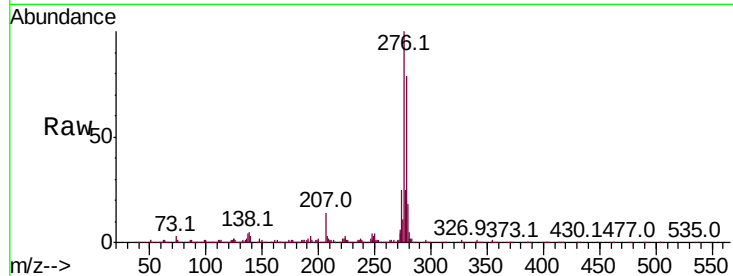
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.336 ng
RT: 26.11 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	12.0	18.0#
277	24.7	20.0	30.0

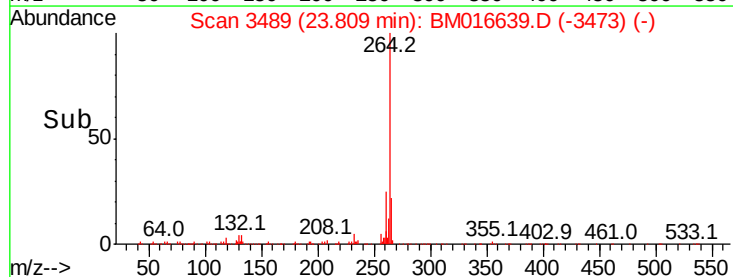
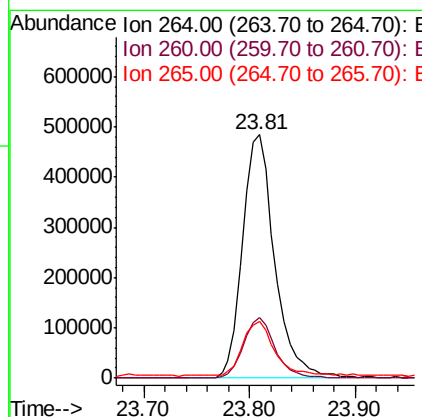
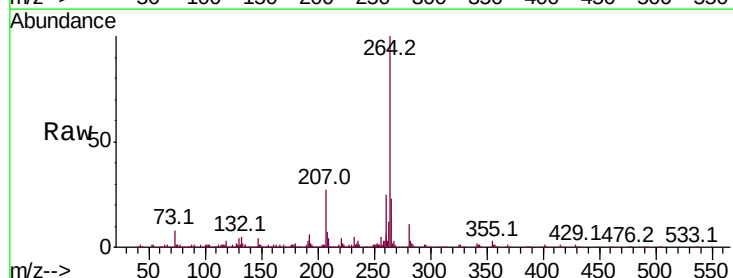
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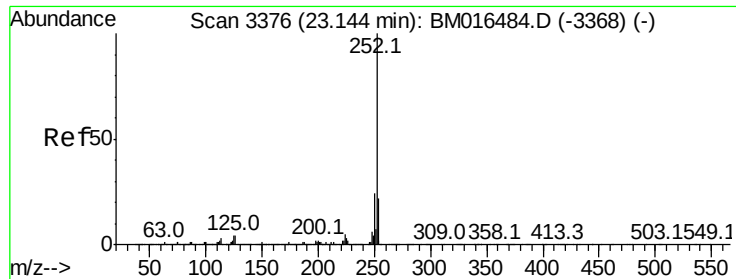
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM016639.D
Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	23.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 47.904 ng

RT: 23.12 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

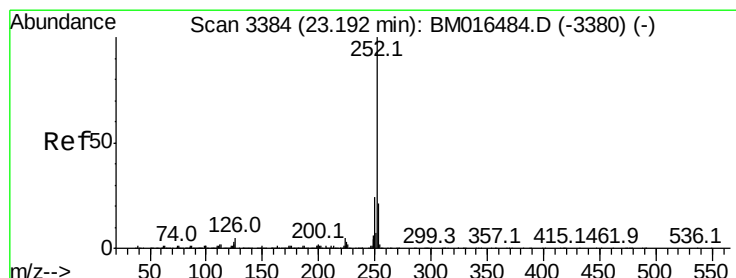
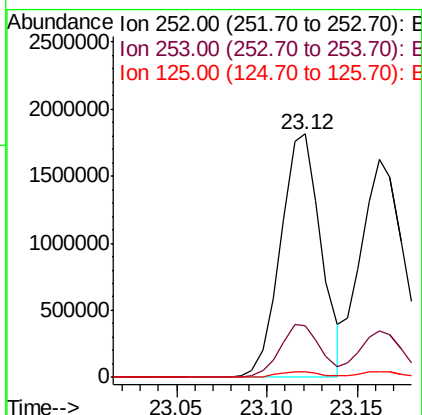
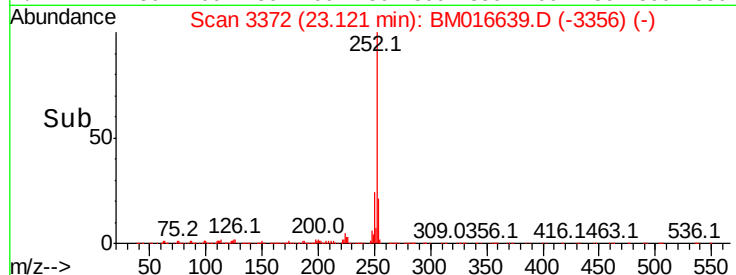
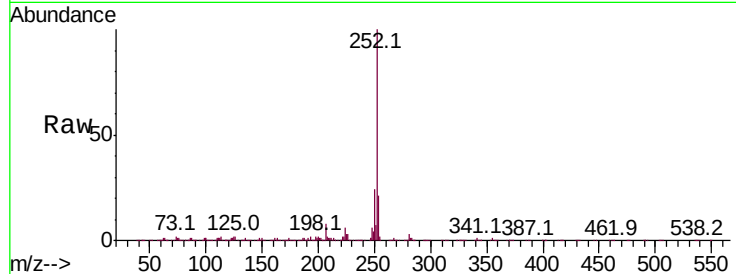
Instrument :
BNA_M

ClientSampleId :
PB112537BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	2.4	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 45.860 ng

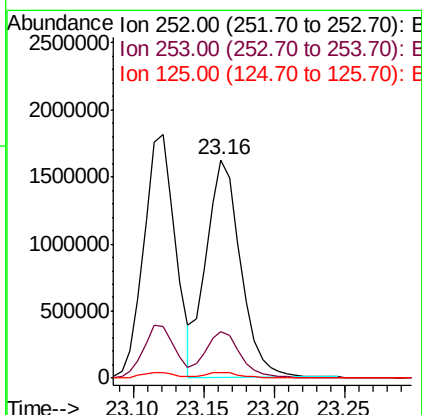
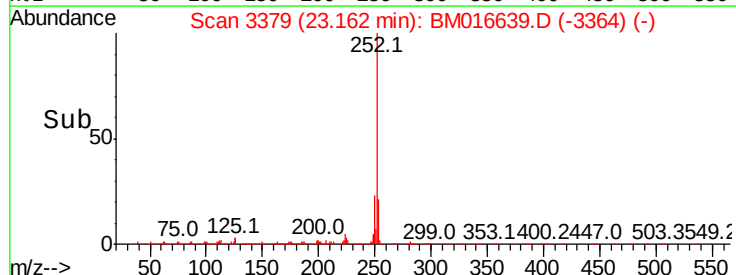
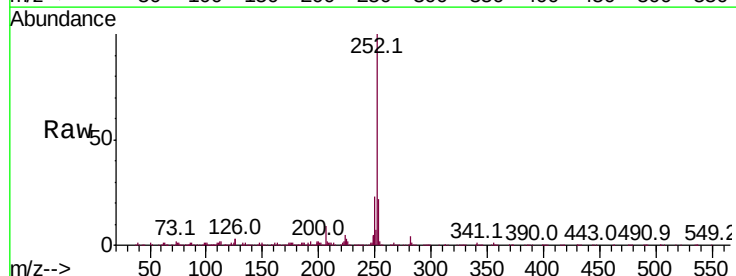
RT: 23.16 min Scan# 3379

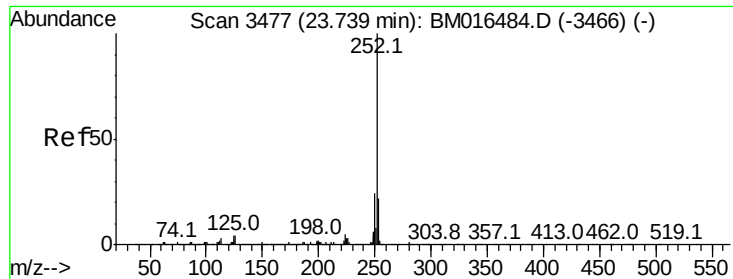
Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	2.5	8.1	12.1





#89

Benzo(a)pyrene

Concen: 46.055 ng

RT: 23.71 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Instrument :

BNA_M

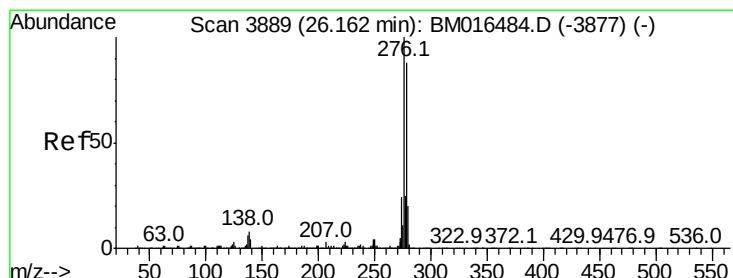
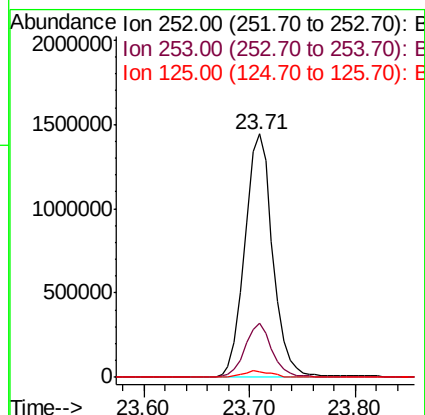
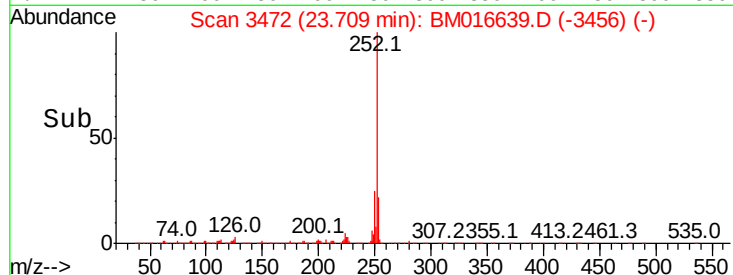
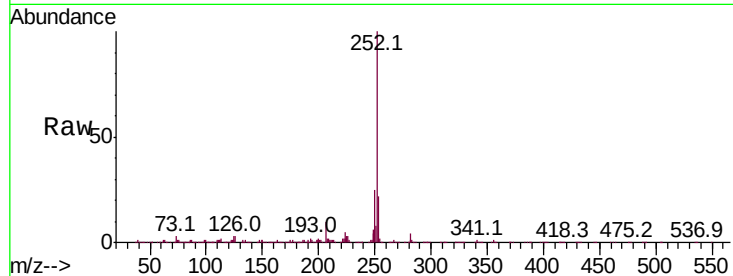
ClientSampleId :

PB112537BS

Tot Ion:	252	Resp:	2645750
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	2.5	7.4	11.2#

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#90

Dibenzo(a,h)anthracene

Concen: 40.065 ng

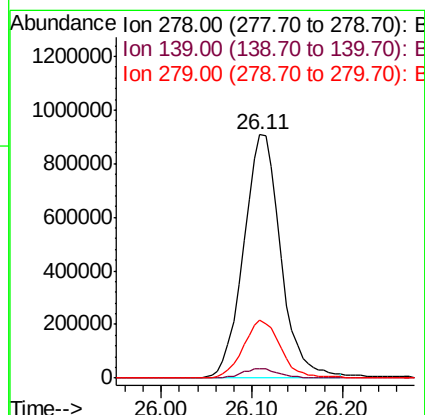
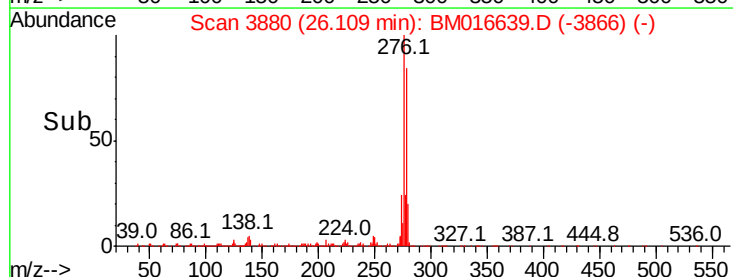
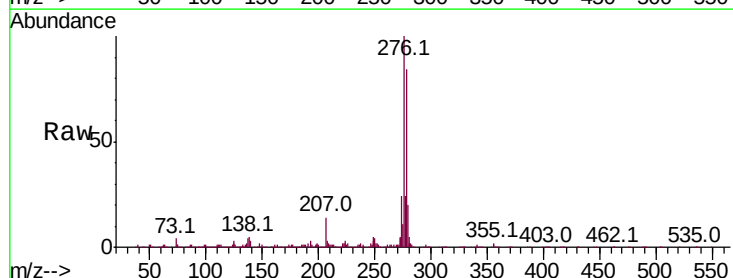
RT: 26.11 min Scan# 3880

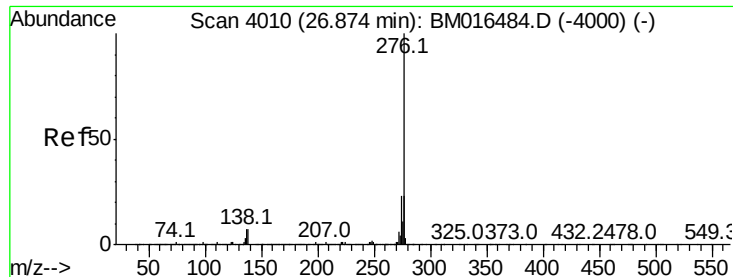
Delta R.T. -0.02 min

Lab File: BM016639.D

Acq: 31 Aug 2018 16:37

Tgt Ion:	278	Resp:	2579458
Ion Ratio	Lower	Upper	
278	100		
139	3.8	13.4	20.0#
279	23.9	19.0	28.4





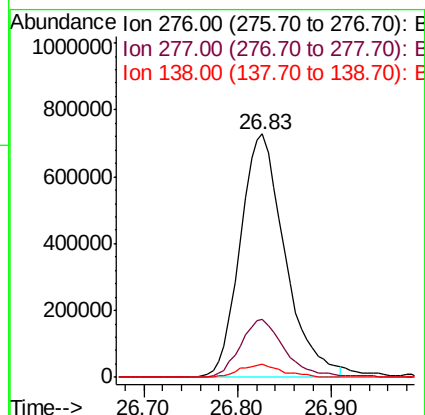
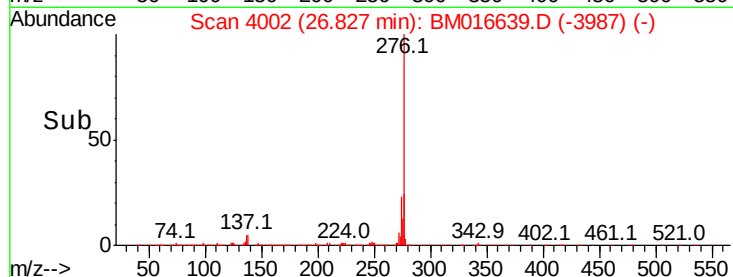
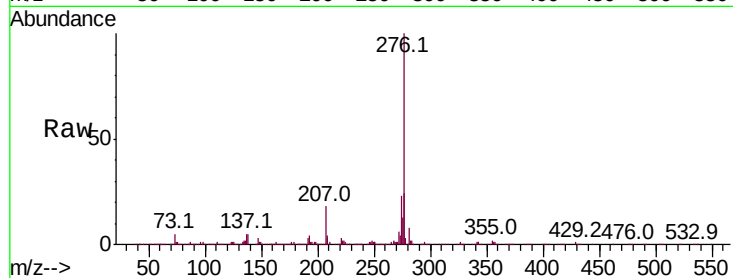
#91
 Benzo(a,h,i)perylene
 Concen: 41.463 ng
 RT: 26.83 min Scan# 4002
 Delta R.T. -0.01 min
 Lab File: BM016639.D
 Acq: 31 Aug 2018 16:37

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	5.3	19.0	28.6

Manual Integrations
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 9/4/2018 4:39:12 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
 Data File : BM016639.D
 Acq On : 31 Aug 2018 16:37
 Operator : SJ/JU
 Sample : PB112537BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Manual Integrations
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Sohil
 9/4/2018 4:39:12 PM

Quant Time: Aug 31 17:27:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	93862	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	375586	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	276194	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	857596	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1116881	20.00	ng	0.00
86) Perylene-d12	23.81	264	1024213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	516994	107.93	ng	0.00
7) Phenol-d6	7.18	99	645086	101.77	ng	0.00
23) Nitrobenzene-d5	9.19	82	585298	71.15	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	835785	108.25	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2041710	71.06	ng	0.00
78) Terphenyl-d14	19.97	244	4592311	87.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	104470	39.479	ng	# 100
3) Pyridine	3.80	79	185416	33.677	ng	# 85
4) n-Nitrosodimethylamine	3.72	42	125303	51.087	ng	# 66
6) Aniline	7.33	93	247846	34.944	ng	# 84
8) 2-Chlorophenol	7.56	128	249664	43.804	ng	# 98
9) Benzaldehyde	7.15	77	158627	36.062	ng	# 75
10) Phenol	7.20	94	260717	41.593	ng	# 89
11) bis(2-Chloroethyl)ether	7.43	93	183015	38.936	ng	# 97
12) 1,3-Dichlorobenzene	7.88	146	294006	38.907	ng	# 86
13) 1,4-Dichlorobenzene	8.03	146	287983	37.135	ng	# 92
14) 1,2-Dichlorobenzene	8.35	146	291045	38.201	ng	# 94
15) Benzyl Alcohol	8.26	79	251404	42.712	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.51	45	126905	39.209	ng	# 46
17) 2-Methylphenol	8.46	107	183904	40.515	ng	# 66
18) Hexachloroethane	9.05	117	172313	48.231	ng	# 53
19) n-Nitroso-di-n-propylamine	8.82	70	201245	40.497	ng	# 85
20) 3+4-Methylphenols	8.79	107	250711	39.947	ng	# 82
22) Acetophenone	8.85	105	381167	42.145	ng	# 98
24) Nitrobenzene	9.23	77	339933	41.360	ng	# 87
25) Isophorone	9.75	82	530436	48.248	ng	# 89
26) 2-Nitrophenol	9.93	139	129755	36.929	ng	# 38
27) 2,4-Dimethylphenol	9.99	122	224699	49.072	ng	# 72
28) bis(2-Chloroethoxy)methane	10.22	93	272748	41.560	ng	# 93
29) 2,4-Dichlorophenol	10.47	162	311440	45.445	ng	# 93
30) 1,2,4-Trichlorobenzene	10.66	180	495870	47.686	ng	# 96
31) Naphthalene	10.85	128	777167	43.431	ng	# 99
32) Benzoic acid	10.22	122	123593	32.260	ng	# 87
33) 4-Chloroaniline	10.99	127	175636	23.322	ng	# 87
34) Hexachlorobutadiene	11.10	225	538581	54.264	ng	# 98
35) Caprolactam	11.82	113	58412m	35.521	ng	#
36) 4-Chloro-3-methylphenol	12.12	107	262794	39.888	ng	# 87
37) 2-Methylnaphthalene	12.46	142	648304	46.279	ng	# 83
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	811126	52.000	ng	# 100
40) Hexachlorocyclopentadiene	12.78	237	1091057	126.102	ng	# 100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
 Data File : BM016639.D
 Acq On : 31 Aug 2018 16:37
 Operator : SJ/JU
 Sample : PB112537BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BS

Manual Integrations
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Sohil
 9/4/2018 4:39:12 PM

Quant Time: Aug 31 17:27:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	448963	48.131	nq	96
43) 2,4,5-Trichlorophenol	13.17	196	428782	47.059	nq #	96
45) 1,1'-Biphenyl	13.47	154	912576	37.682	nq	96
46) 2-Chloronaphthalene	13.52	162	764799	38.871	nq	96
47) 2-Nitroaniline	13.75	65	196263	37.450	nq #	75
48) Acenaphthylene	14.37	152	1139993	41.046	nq	98
49) Dimethylphthalate	14.10	163	1073052	40.439	nq #	97
50) 2,6-Dinitrotoluene	14.25	165	199713	38.587	nq #	69
51) Acenaphthene	14.70	154	665476	39.002	nq	94
52) 3-Nitroaniline	14.59	138	111699	23.719	nq #	69
53) 2,4-Dinitrophenol	14.82	184	204416	78.923	nq #	72
54) Dibenzofuran	15.04	168	1335383	40.883	nq #	88
55) 4-Nitrophenol	14.91	139	168606	56.134	nq #	76
56) 2,4-Dinitrotoluene	15.04	165	328948	38.115	nq #	93
57) Fluorene	15.69	166	1085199	43.980	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	445587	50.881	nq #	100
59) Diethylphthalate	15.46	149	1061913	38.382	nq	95
60) 4-Chlorophenyl-phenylether	15.67	204	978826	47.303	nq #	85
61) 4-Nitroaniline	15.76	138	131347	28.539	nq #	1
62) Azobenzene	15.97	77	1313053	44.557	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	226452	34.752	nq #	56
65) n-Nitrosodiphenylamine	15.90	169	902341	37.401	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	610685	46.344	nq	98
67) Hexachlorobenzene	16.69	284	656929	42.749	nq #	91
68) Atrazine	16.84	200	570180	51.785	nq	92
69) Pentachlorophenol	17.04	266	593671	73.015	nq	99
70) Phenanthrene	17.43	178	1831046	41.309	nq	100
71) Anthracene	17.52	178	1847631	41.977	nq	99
72) Carbazole	17.80	167	1260470	31.866	nq	97
73) Di-n-butylphthalate	18.32	149	1738948	36.060	nq #	96
74) Fluoranthene	19.43	202	2720570	41.861	nq	94
76) Benzo(a)pyrene	19.62	184	1001673	46.635	nq	98
77) Pyrene	19.79	202	2736482	45.083	nq	98
79) Butylbenzylphthalate	20.65	149	810387	38.679	nq #	68
80) Benzo(a)anthracene	21.52	228	2876102	43.801	nq	99
81) 3,3'-Dichlorobenzidine	21.44	252	726126	24.843	nq #	92
82) Chrysene	21.56	228	2605487	41.587	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1139216	36.576	nq #	93
84) Di-n-octyl phthalate	22.29	149	1851958	35.780	nq #	93
85) Indeno(1,2,3-cd)pyrene	26.11	276	3093671	34.336	nq #	91
87) Benzo(b)fluoranthene	23.12	252	2828324	47.904	nq #	89
88) Benzo(k)fluoranthene	23.16	252	2754986	45.860	nq #	93
89) Benzo(a)pyrene	23.71	252	2645750	46.055	nq #	94
90) Dibenzo(a,h)anthracene	26.11	278	2579458	40.065	nq #	87
91) Benzo(g,h,i)perylene	26.83	276	2396264	41.463	nq #	80

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