

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018637.D
 Acq On : 18 Jan 2019 15:13
 Operator : JU/SJ
 Sample : PB116472BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

Manual Integrations
 APPROVED

Sohil
 1/21/2019 1:58:27 PM

Quant Time: Jan 19 00:32:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 16:48:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	228509	20.00	ng	0.00
21) Naphthalene-d8	10.53	136	866561	20.00	ng	0.00
39) Acenaphthene-d10	14.39	164	460456	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	991891	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1067557	20.00	ng	0.00
87) Perylene-d12	23.60	264	1126168	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1724985	139.39	ng	0.00
7) Phenol-d6	6.92	99	2111073	134.31	ng	0.00
23) Nitrobenzene-d5	8.90	82	1178734	78.85	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	828238	141.27	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	2815332	79.78	ng	0.00
79) Terphenyl-d14	19.77	244	4152515	82.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	178593	35.408	ng	94
3) Pyridine	3.67	79	462225	36.757	ng	96
4) n-Nitrosodimethylamine	3.59	42	228357	43.915	ng	# 93
6) Aniline	7.07	93	532976	30.398	ng	100
8) 2-Chlorophenol	7.30	128	588035	40.685	ng	95
9) Benzaldehyde	6.89	77	143114	13.190	ng	96
10) Phenol	6.94	94	628242	39.334	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	481777	38.388	ng	94
12) 1,3-Dichlorobenzene	7.62	146	658439	38.253	ng	99
13) 1,4-Dichlorobenzene	7.77	146	665855	38.167	ng	99
14) 1,2-Dichlorobenzene	8.09	146	629843	38.074	ng	99
15) Benzyl Alcohol	7.98	79	451141	39.739	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	602664	37.576	ng	95
17) 2-Methylphenol	8.18	107	437809	40.381	ng	99
18) Hexachloroethane	8.80	117	240847	38.719	ng	95
19) n-Nitroso-di-n-propylamine	8.55	70	377204	36.876	ng	91
20) 3+4-Methylphenols	8.51	107	581734	38.868	ng	97
22) Acetophenone	8.56	105	777828	36.285	ng	# 96
24) Nitrobenzene	8.95	77	561671	38.188	ng	96
25) Isophorone	9.46	82	995857	43.995	ng	97
26) 2-Nitrophenol	9.65	139	314017	44.154	ng	96
27) 2,4-Dimethylphenol	9.70	122	483884	45.393	ng	99
28) bis(2-Chloroethoxy)methane	9.95	93	622835	39.830	ng	99
29) 2,4-Dichlorophenol	10.18	162	524411	41.314	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	599788	38.069	ng	98
31) Naphthalene	10.57	128	1703564	40.820	ng	99
32) Benzoic acid	9.84	122	331380m	46.419	ng	
33) 4-Chloroaniline	10.70	127	289016	17.584	ng	97
34) Hexachlorobutadiene	10.85	225	373641	37.539	ng	99
35) Caprolactam	11.51	113	154286m	35.751	ng	
36) 4-Chloro-3-methylphenol	11.82	107	515735	38.728	ng	100
37) 2-Methylnaphthalene	12.19	142	1225123	41.549	ng	100
38) 1-Methylnaphthalene	12.42	142	1151761	40.370	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	633780	39.360	ng	100

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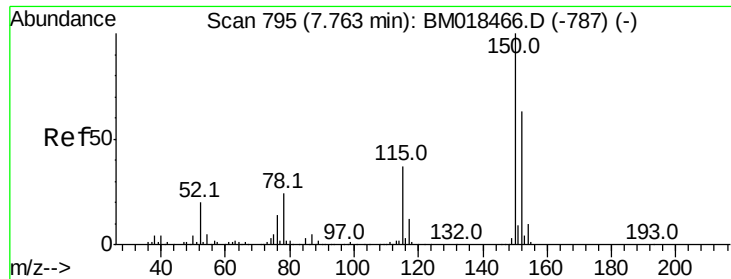
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	822189	93.037	nq	99
43) 2,4,6-Trichlorophenol	12.81	196	414854	42.427	nq	98
44) 2,4,5-Trichlorophenol	12.88	196	436168	42.414	nq	98
46) 1,1'-Biphenyl	13.22	154	1516420	37.717	nq	98
47) 2-Chloronaphthalene	13.26	162	1184371	37.988	nq	99
48) 2-Nitroaniline	13.47	65	302795	39.476	nq	88
49) Acenaphthylene	14.11	152	1869586	41.149	nq	99
50) Dimethylphthalate	13.85	163	1435304	37.955	nq	100
51) 2,6-Dinitrotoluene	13.97	165	316712	39.538	nq	92
52) Acenaphthene	14.45	154	1071241	38.534	nq	98
53) 3-Nitroaniline	14.31	138	207067	25.641	nq	96
54) 2,4-Dinitrophenol	14.52	184	384110	87.806	nq	# 89
55) Dibenzofuran	14.79	168	1717830	37.399	nq	100
56) 4-Nitrophenol	14.62	139	553043	79.271	nq	95
57) 2,4-Dinitrotoluene	14.76	165	443320	39.115	nq	95
58) Fluorene	15.44	166	1381934	40.387	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.01	232	390979	42.893	nq	97
60) Diethylphthalate	15.22	149	1449076	37.958	nq	99
61) 4-Chlorophenyl-phenylether	15.43	204	712100	36.109	nq	97
62) 4-Nitroaniline	15.47	138	297232	33.744	nq	97
63) Azobenzene	15.73	77	1157297	37.182	nq	96
65) 4,6-Dinitro-2-methylphenol	15.52	198	245117	39.807	nq	92
66) n-Nitrosodiphenylamine	15.65	169	1200707	39.025	nq	98
67) 4-Bromophenyl-phenylether	16.33	248	426621	38.435	nq	98
68) Hexachlorobenzene	16.43	284	464900	37.413	nq	98
69) Atrazine	16.60	200	437596	39.341	nq	99
70) Pentachlorophenol	16.78	266	605805	74.440	nq	100
71) Phenanthrene	17.18	178	2123988	40.259	nq	100
72) Anthracene	17.27	178	2165536	42.685	nq	100
73) Carbazole	17.54	167	1936372	37.150	nq	99
74) Di-n-butylphthalate	18.10	149	2486482	43.551	nq	99
75) Fluoranthene	19.20	202	2469345	40.597	nq	98
77) Benzidine	19.40	184	855253	32.446	nq	100
78) Pyrene	19.56	202	2533362	40.035	nq	100
80) Butylbenzylphthalate	20.46	149	1176468	43.570	nq	99
81) Benzo(a)anthracene	21.31	228	2596736	41.289	nq	99
82) 3,3'-Dichlorobenzidine	21.25	252	741272	31.169	nq	100
83) Chrysene	21.37	228	2461550	40.532	nq	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	1699103	43.577	nq	100
85) Di-n-octyl phthalate	22.12	149	3074553	46.883	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.91	276	3348214	47.811	nq	97
88) Benzo(b)fluoranthene	22.91	252	2774966	43.403	nq	99
89) Benzo(k)fluoranthene	22.96	252	2595565	40.283	nq	98
90) Benzo(a)pyrene	23.50	252	2691223	43.968	nq	98
91) Dibenzo(a,h)anthracene	25.92	278	2832722	45.675	nq	98
92) Benzo(g,h,i)perylene	26.61	276	2808888	46.541	nq	97

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



#1

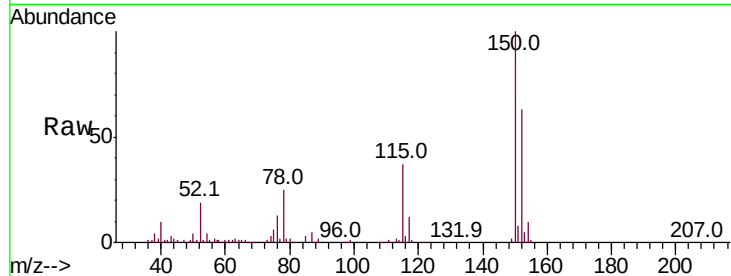
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.9	190.3
115	58.7	45.5	68.3

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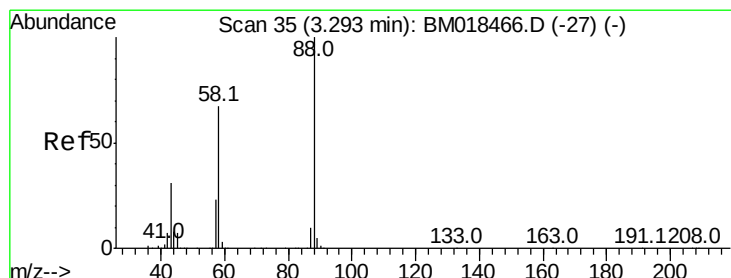
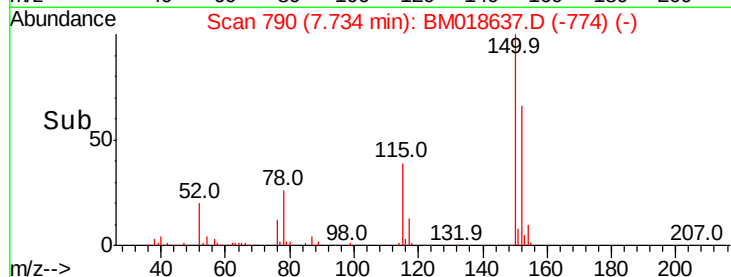
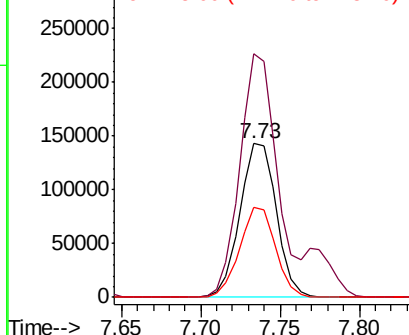


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

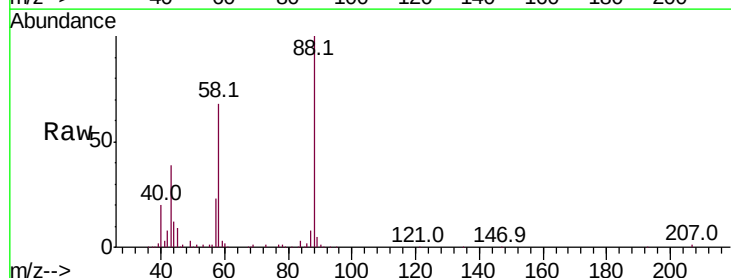
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.408 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	58.4	87.6
43	34.5	26.2	39.4

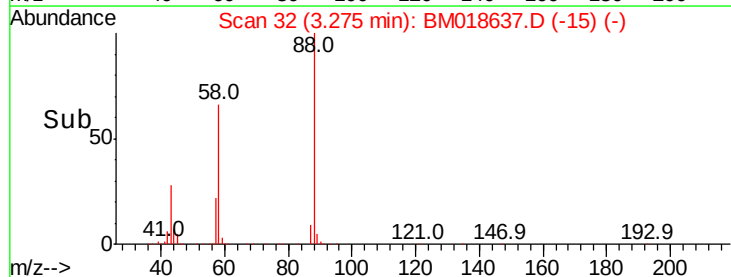
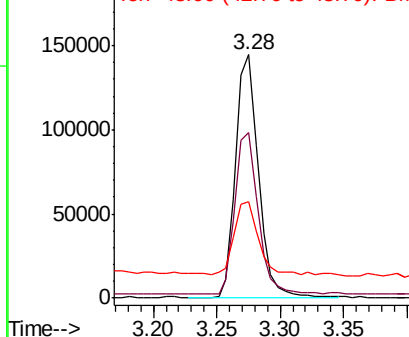


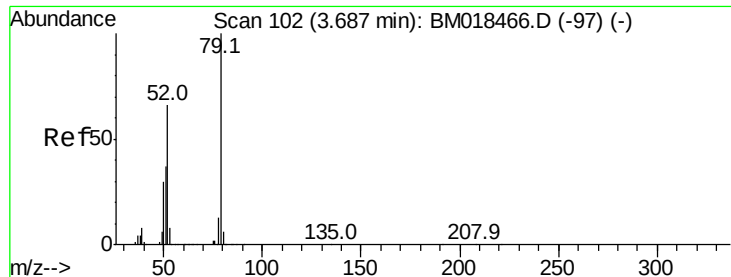
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.757 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

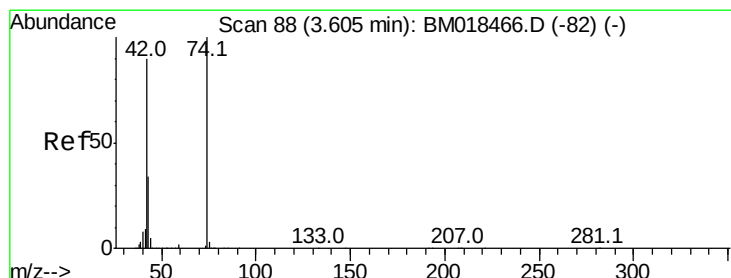
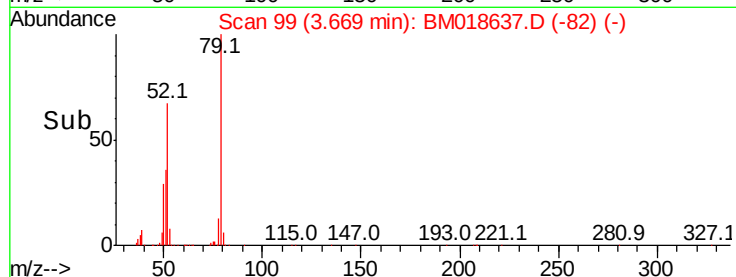
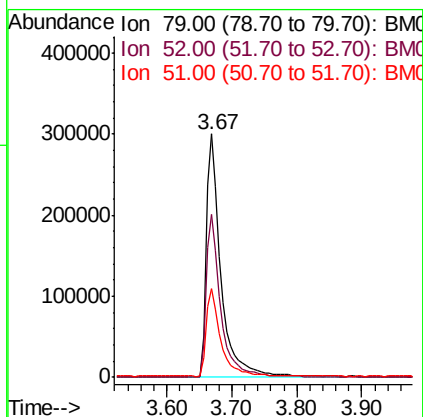
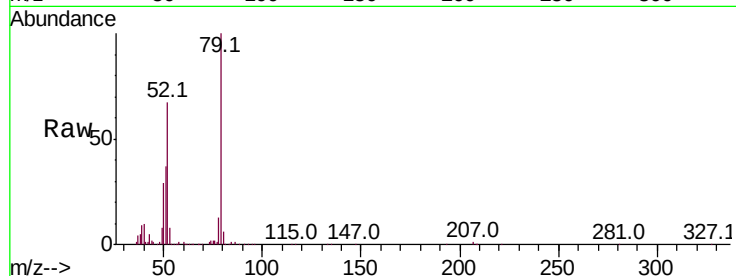
ClientSampleId :

PB116472BS

Tot Ion:	79	Resp:	462225
Ion	Ratio	Lower	Upper
79	100		
52	66.9	56.4	84.6
51	36.6	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 43.915 ng

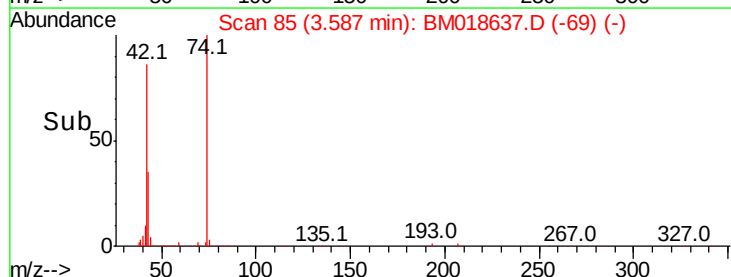
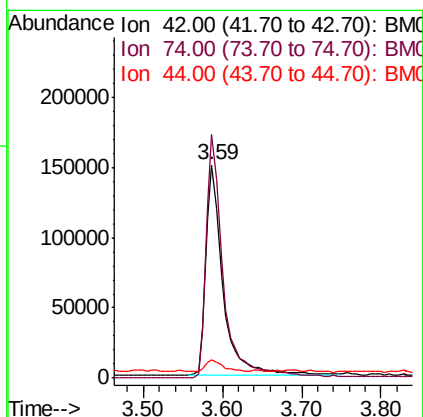
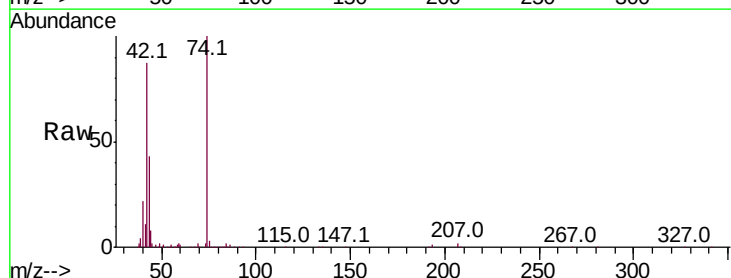
RT: 3.59 min Scan# 85

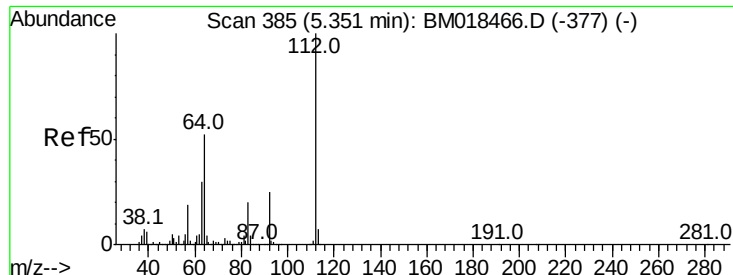
Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	42	Resp:	228357
Ion	Ratio	Lower	Upper
42	100		
74	114.3	88.6	132.8
44	8.7	16.9	25.3





#5

2-Fluorophenol

Concen: 139.389 ng

RT: 5.33 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

Tot Ion:112 Resp: 1724985

Ion Ratio Lower Upper

112 100

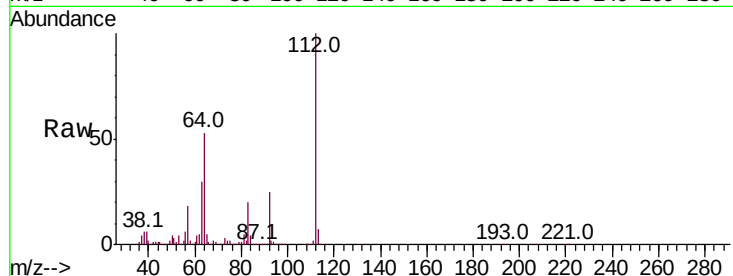
64 53.4 46.5 69.7

63 29.6 25.2 37.8

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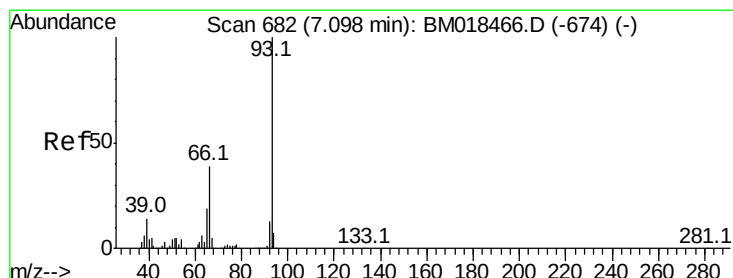
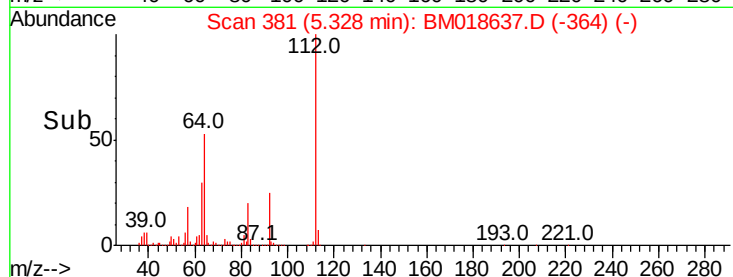
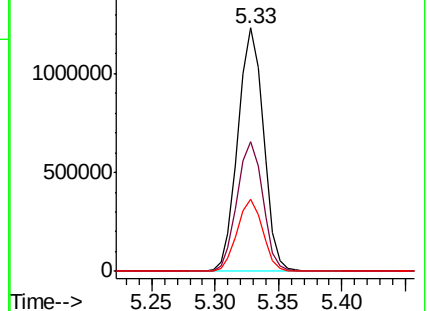
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.398 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

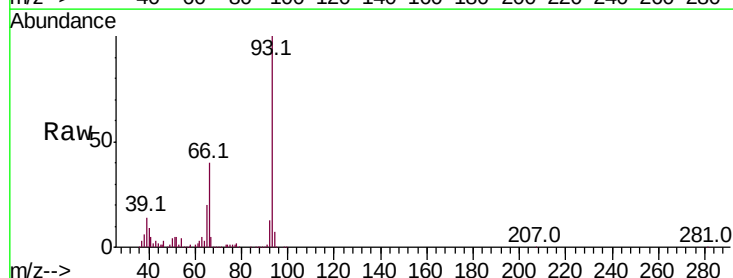
Tgt Ion: 93 Resp: 532976

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

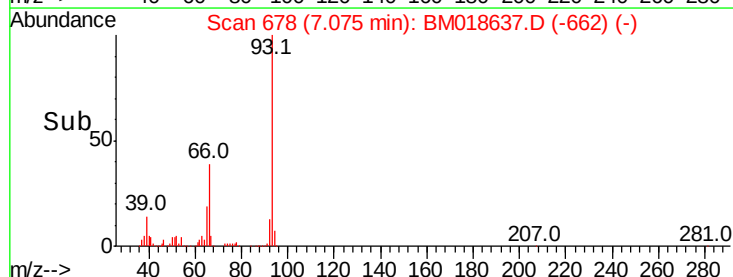
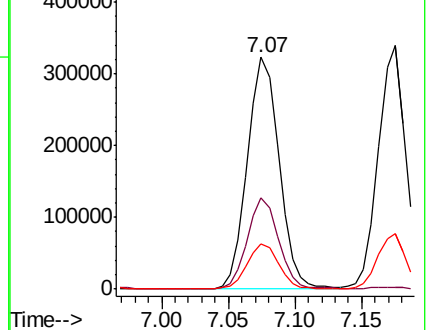
65 19.7 15.9 23.9

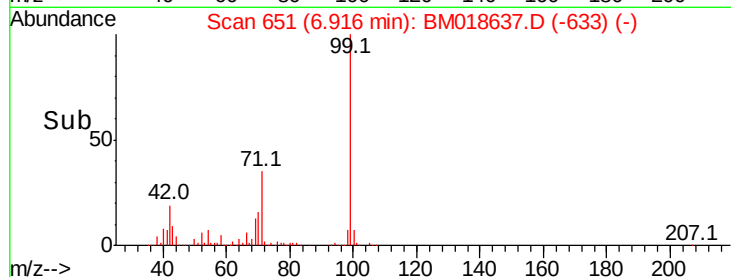
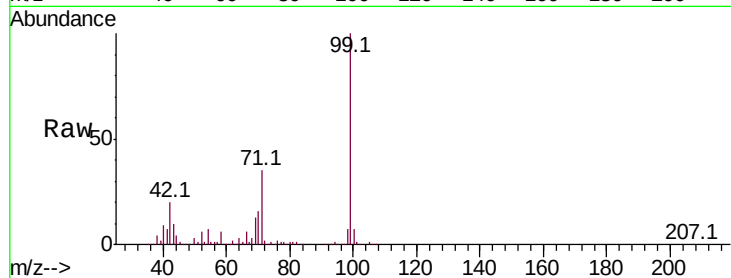
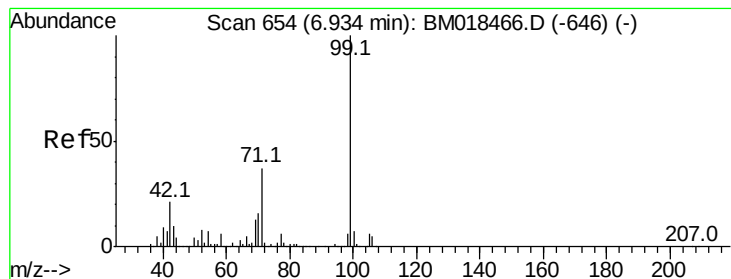


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 134.308 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tot Ion: 99 Resp: 2111073

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

71 35.3 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

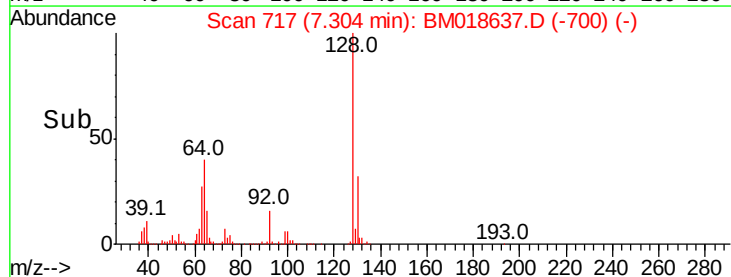
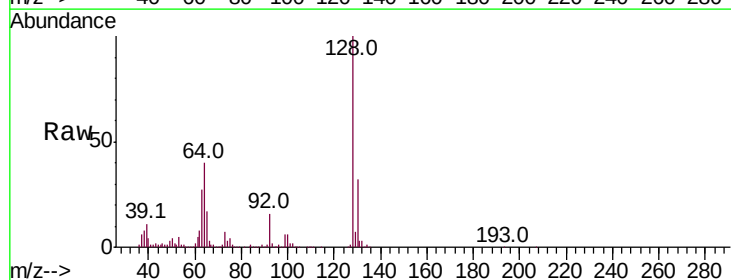
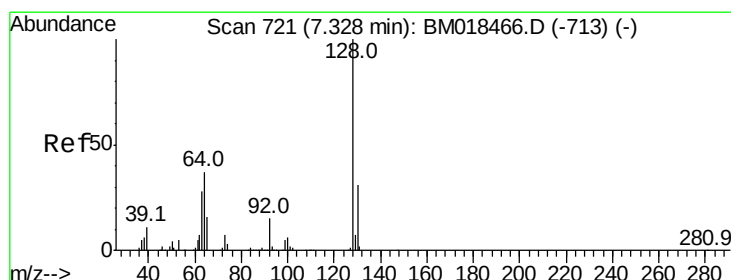
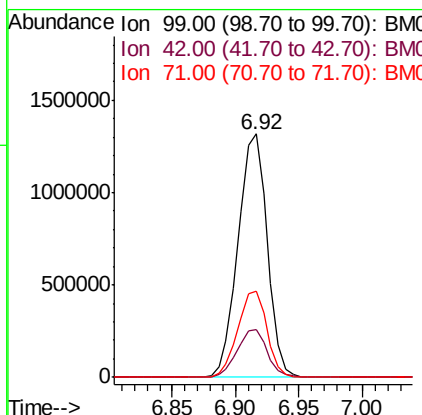
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#8

2-Chlorophenol

Concen: 40.685 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

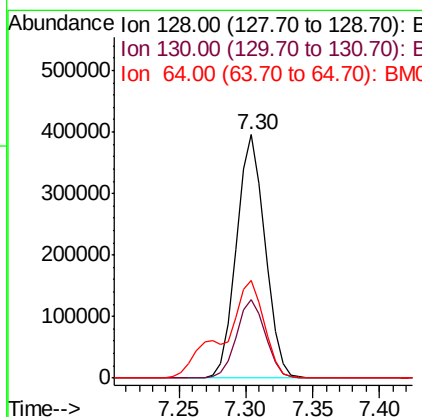
Tgt Ion: 128 Resp: 588035

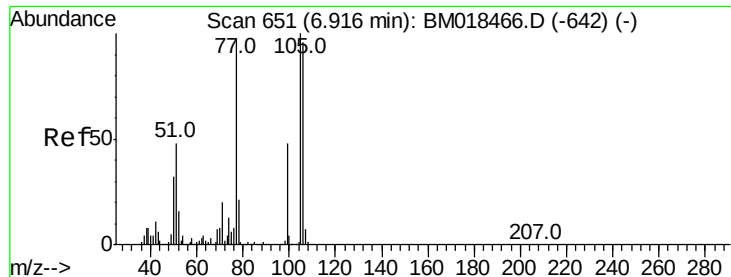
Ion Ratio Lower Upper

128 100

130 32.3 13.6 53.6

64 40.1 24.8 64.8





#9

Benzaldehyde

Concen: 13.190 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

Tot Ion: 77 Resp: 143114

Ion Ratio Lower Upper

77 100

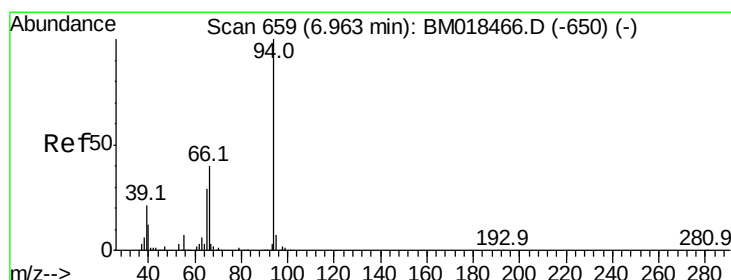
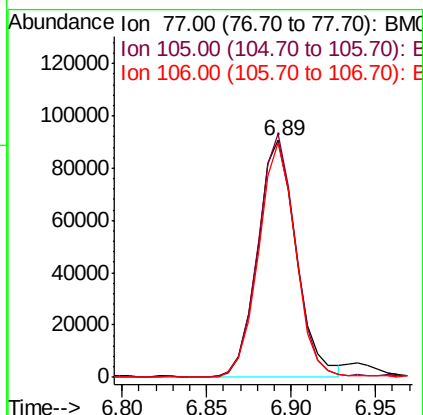
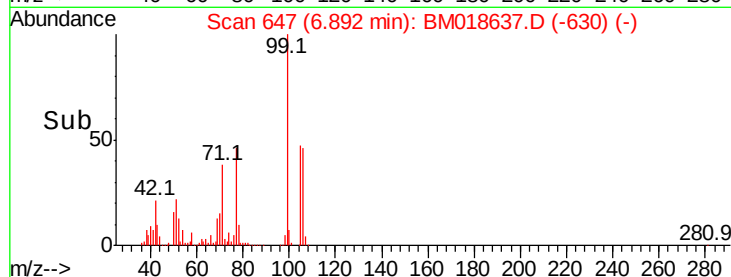
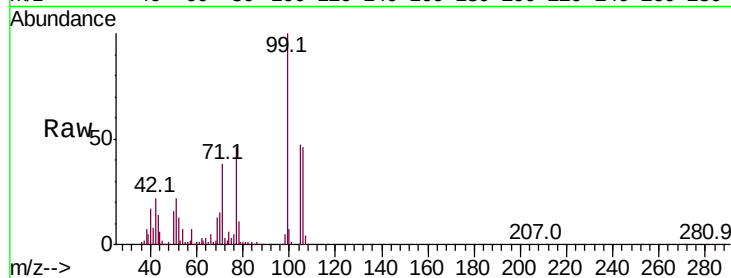
105 102.7 79.7 119.7

106 99.2 75.2 115.2

Manual Integrations
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#10

Phenol

Concen: 39.334 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

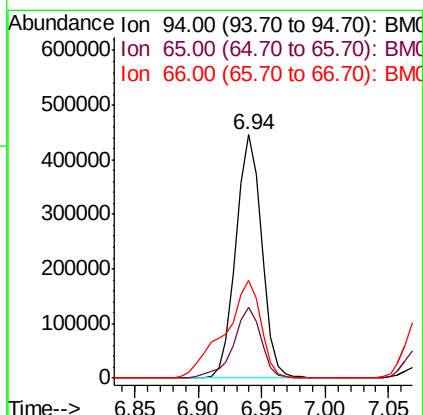
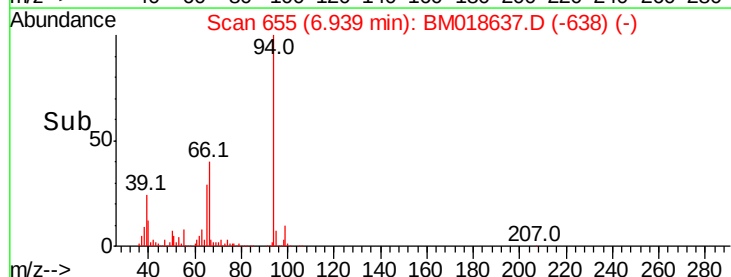
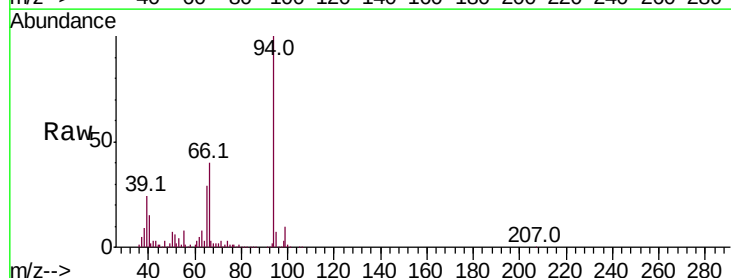
Tgt Ion: 94 Resp: 628242

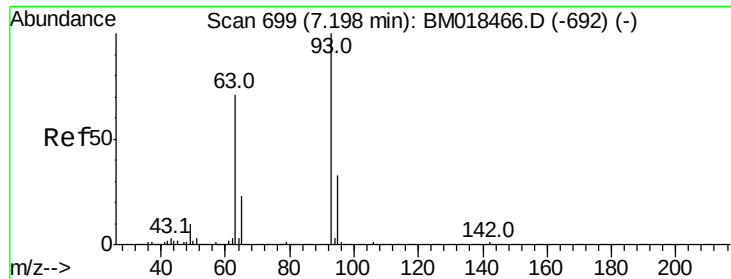
Ion Ratio Lower Upper

94 100

65 28.9 9.4 49.4

66 39.9 19.1 59.1





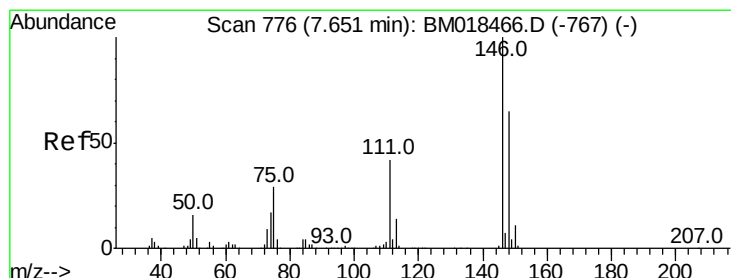
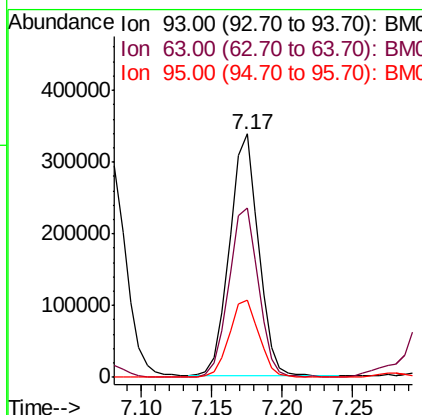
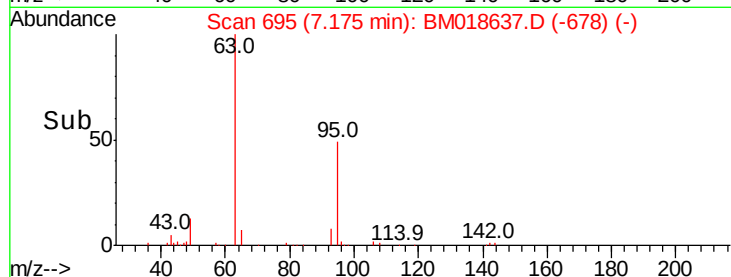
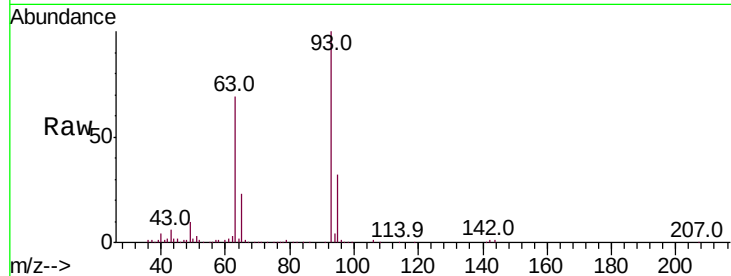
#11
bis(2-Chloroethyl)ether
Concen: 38.388 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	56.4	96.4
95	31.8	12.7	52.7

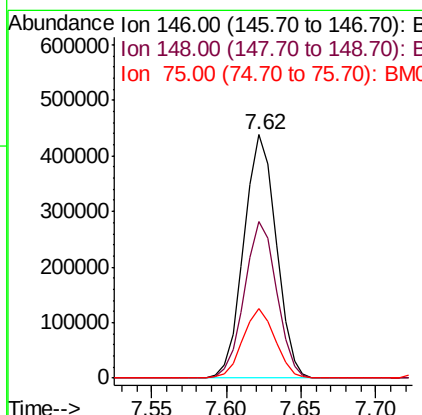
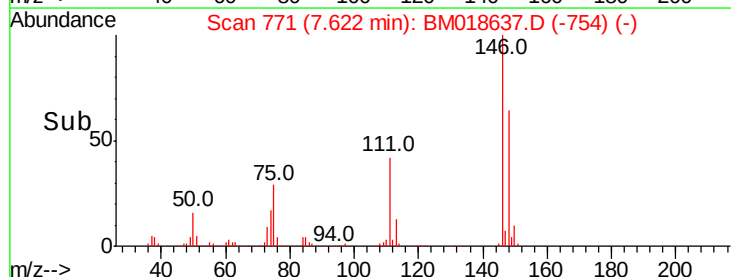
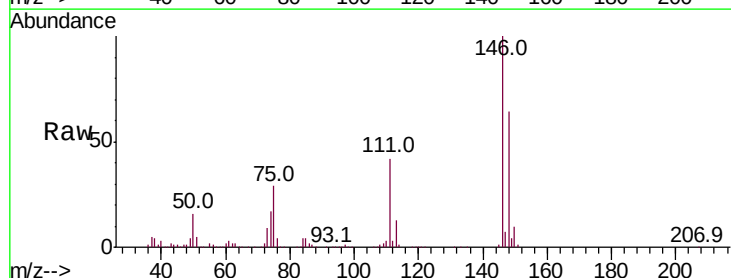
Manual Integrations
APPROVED

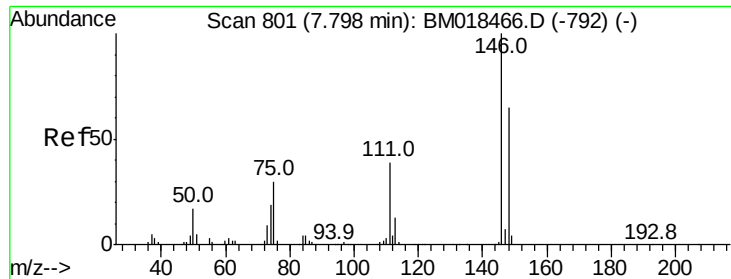
Sohil
1/21/2019 1:58:27 PM



#12
1,3-Dichlorobenzene
Concen: 38.253 ng
RT: 7.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	28.6	23.0	34.6





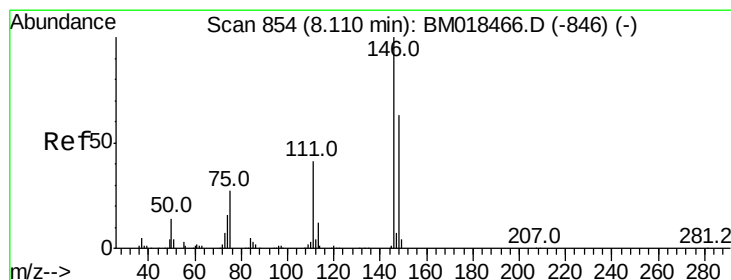
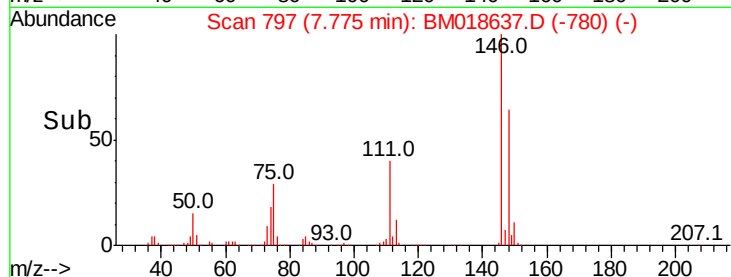
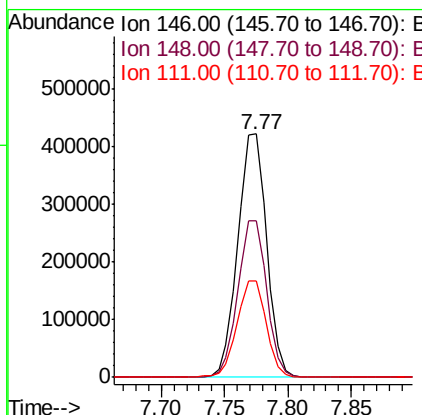
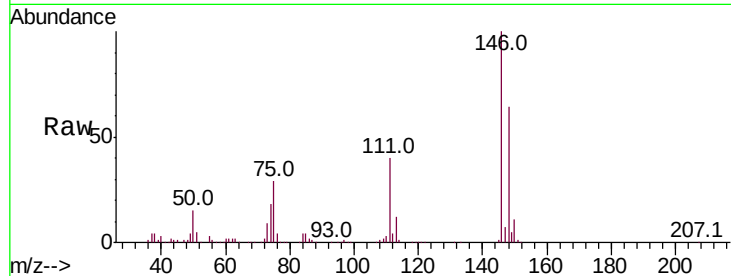
#13
1,4-Dichlorobenzene
Concen: 38.167 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampled :
PB116472BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.8	32.2	48.2

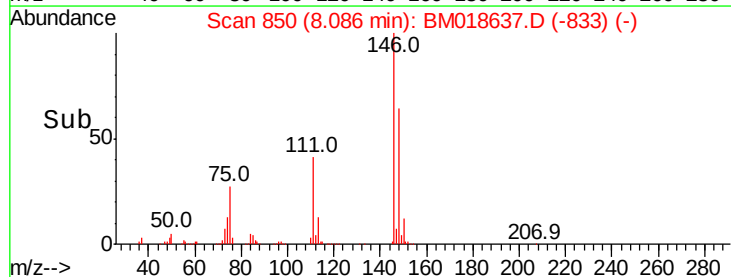
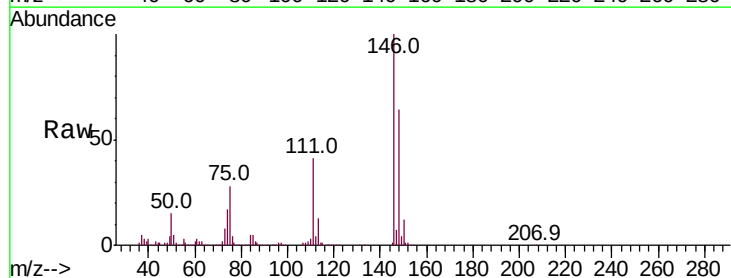
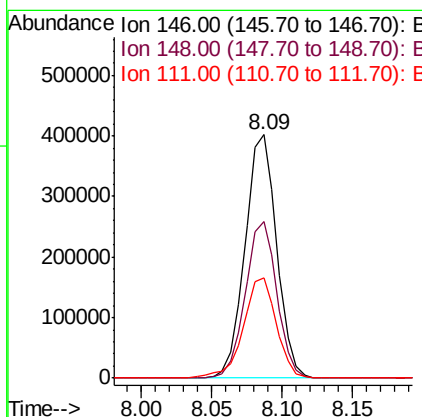
Manual Integrations
APPROVED

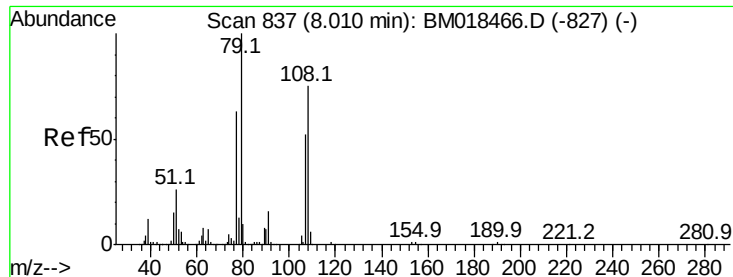
Sohil
1/21/2019 1:58:27 PM



#14
1,2-Dichlorobenzene
Concen: 38.074 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	41.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.739 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

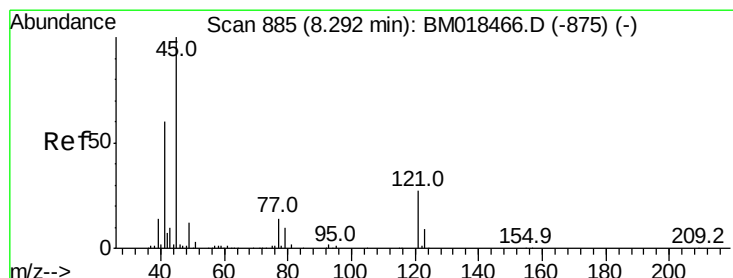
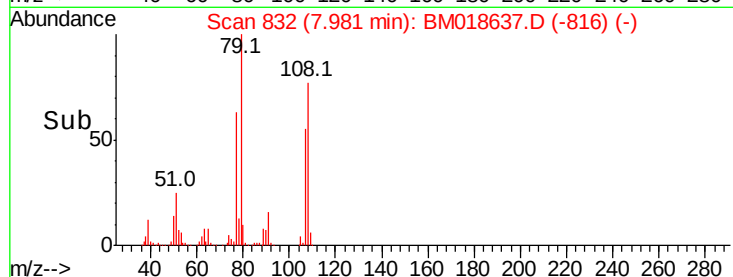
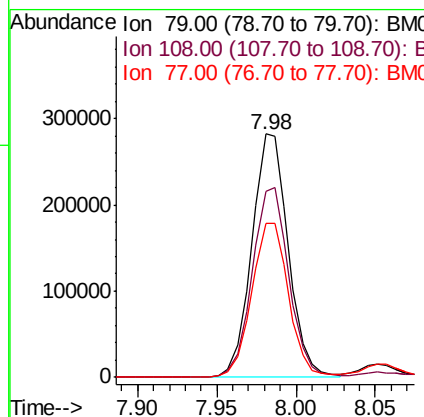
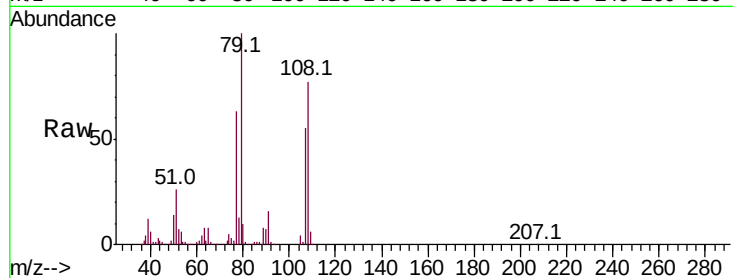
ClientSampleId :

PB116472BS

Tot Ion:	79	Resp:	451141
Ion Ratio	Lower	Upper	
79	100		
108	76.6	60.4	90.6
77	63.4	53.4	80.2

Manual Integrations
APPROVED

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1/21/2019 1:58:27 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.576 ng

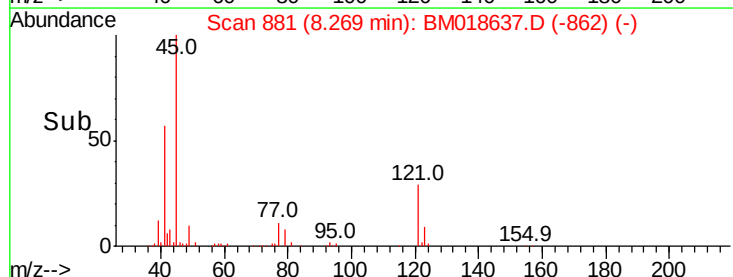
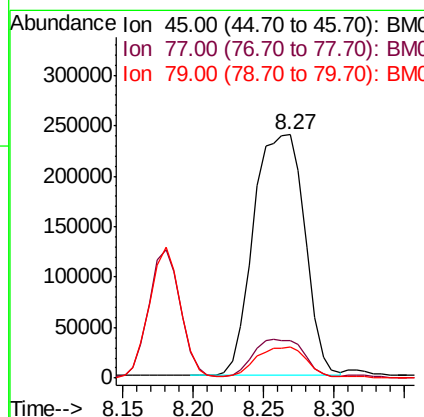
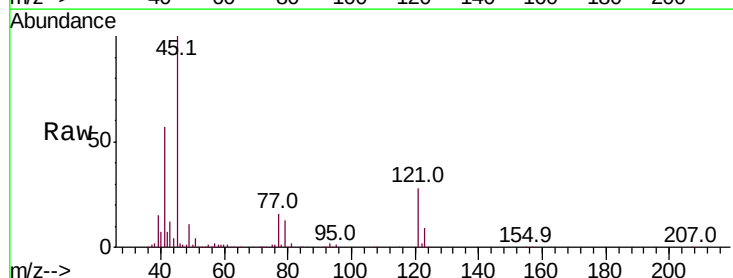
RT: 8.27 min Scan# 881

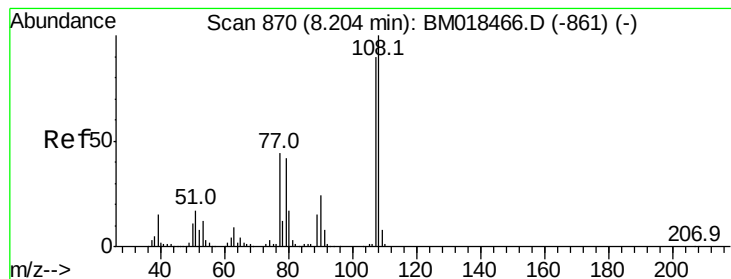
Delta R.T. 0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	45	Resp:	602664
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	33.4
79	12.7	0.0	31.1





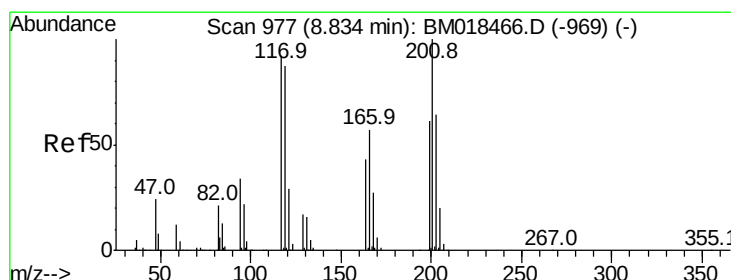
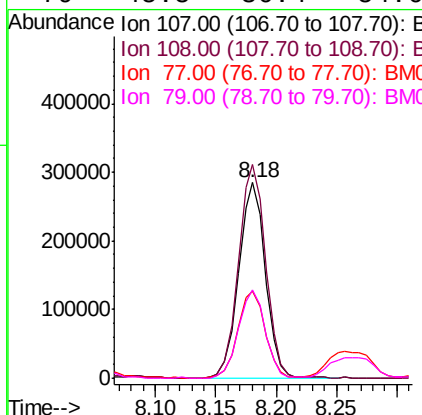
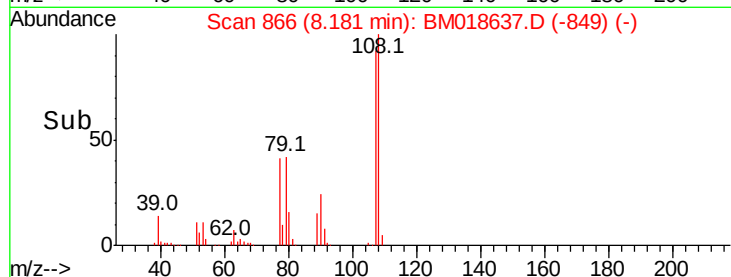
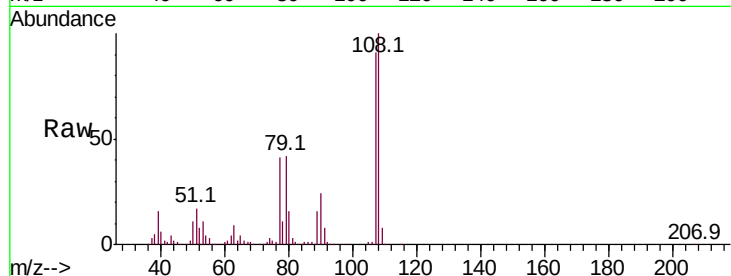
#17
2-Methylphenol
Concen: 40.381 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	87.5	131.3	
77	44.9	37.3	55.9	
79	45.5	36.4	54.6	

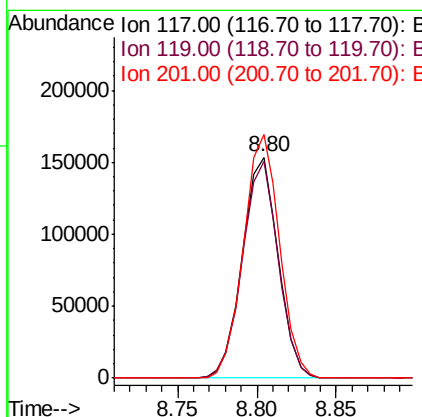
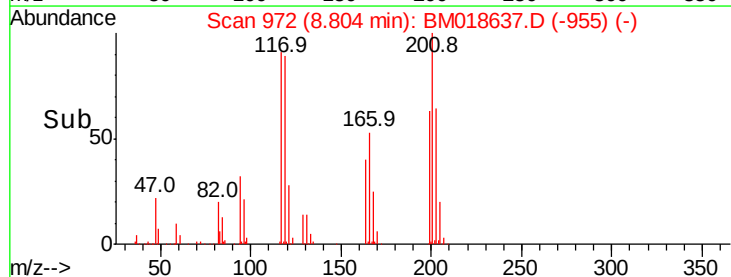
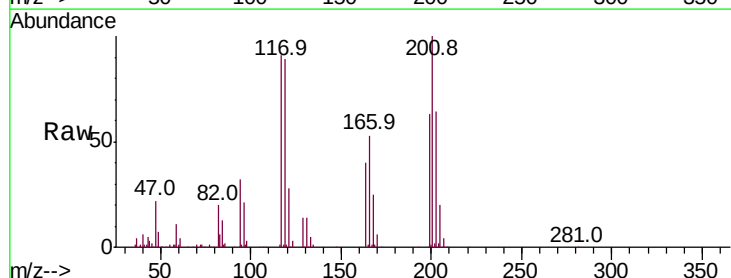
Manual Integrations
APPROVED

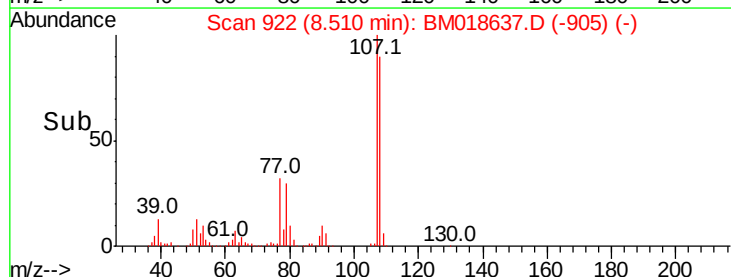
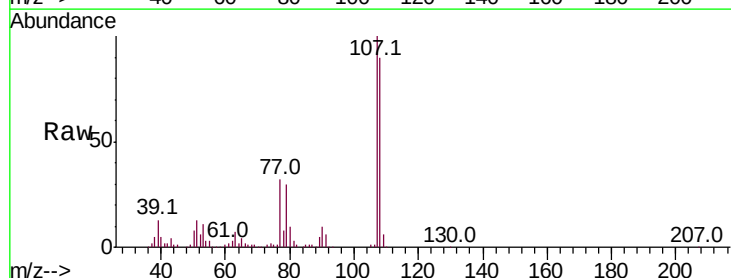
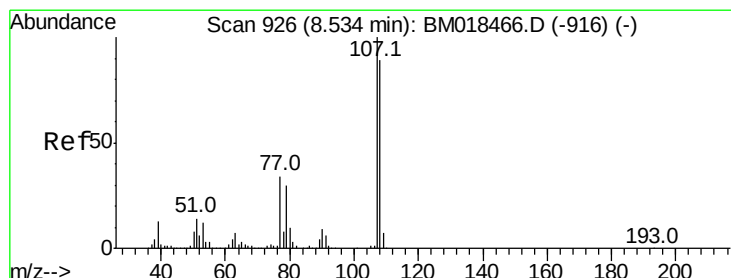
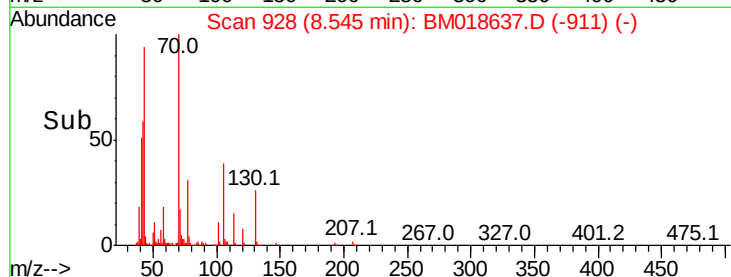
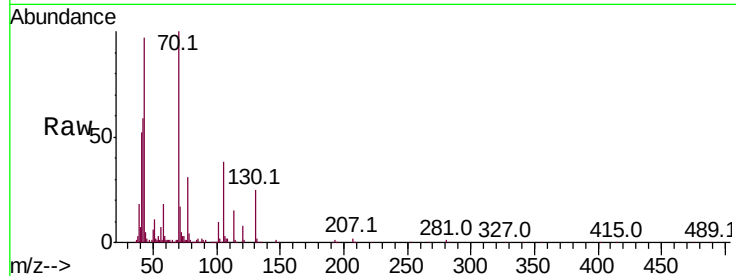
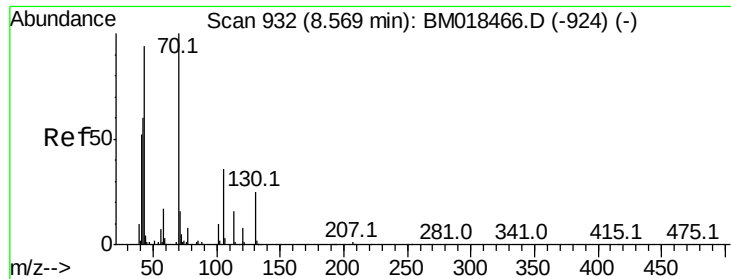
Sohil
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#18
Hexachloroethane
Concen: 38.719 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	78.3	117.5	
201	110.4	81.4	122.0	





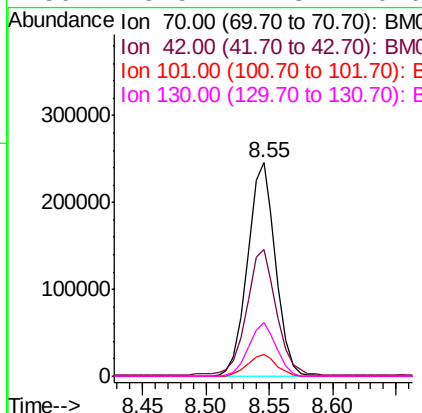
#19
n-Nitroso-di-n-propylamine
Concen: 36.876 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	54.0	81.0
101	10.5	8.1	12.1
130	25.5	17.8	26.6

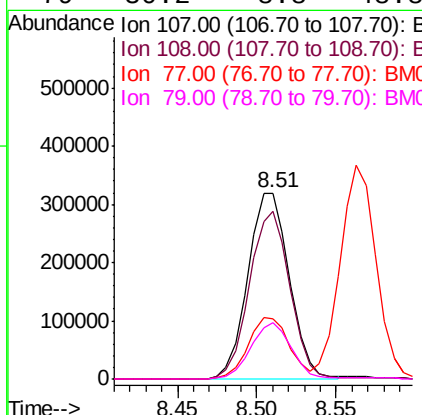
Manual Integrations
APPROVED

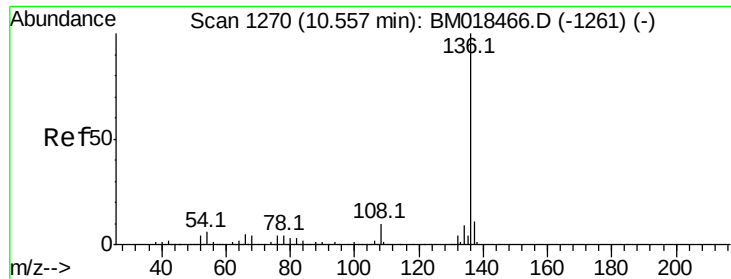
Sohil
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#20
3+4-Methylphenols
Concen: 38.868 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	66.8	106.8
77	32.4	13.3	53.3
79	30.2	8.8	48.8





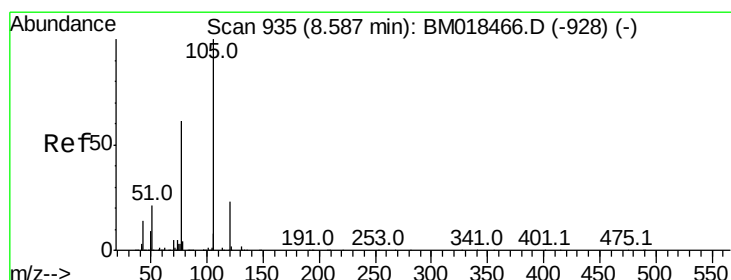
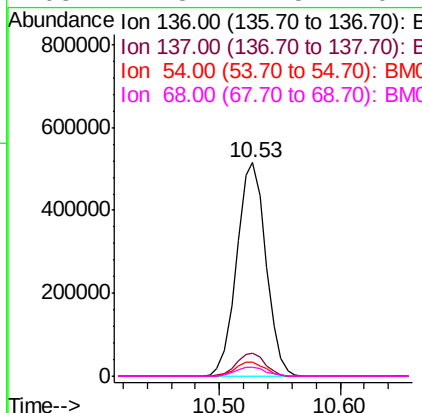
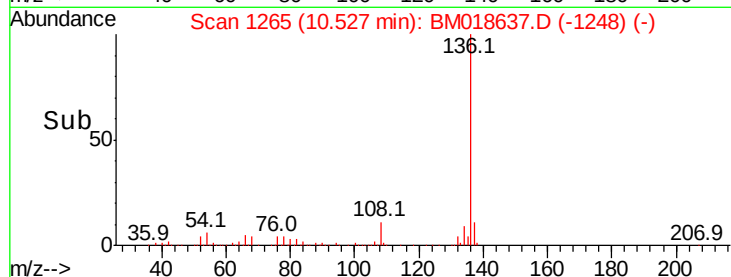
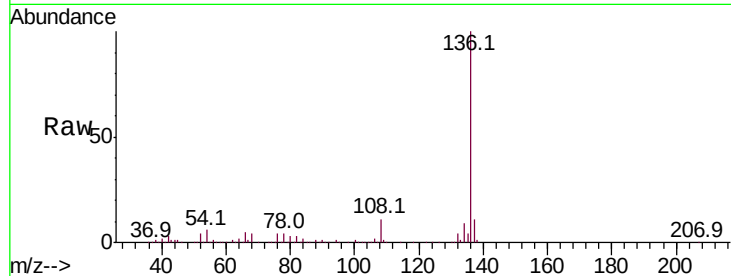
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	6.5	6.0	9.0	
68	4.3	4.5	6.7#	

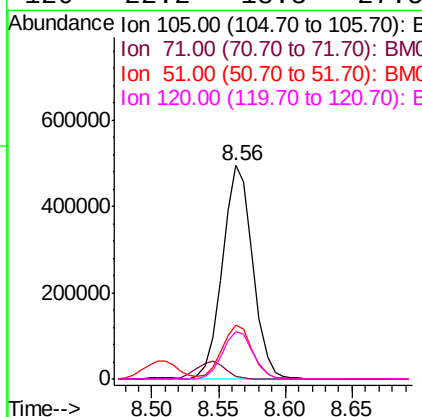
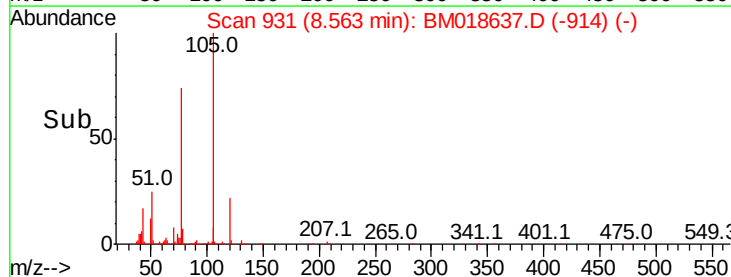
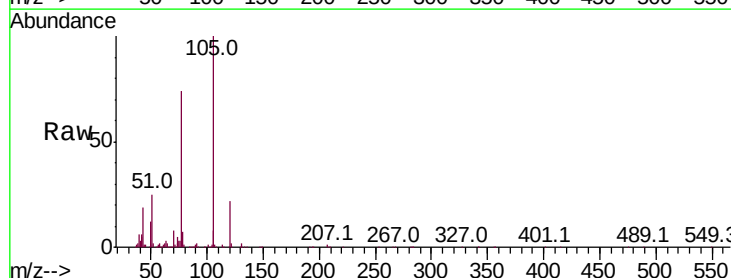
Manual Integrations
APPROVED

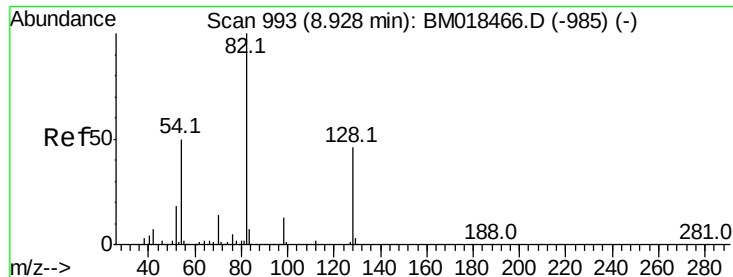
Sohil
1/21/2019 1:58:27 PM



#22
Acetophenone
Concen: 36.285 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	1.7	2.5#	
51	25.2	22.6	34.0	
120	22.2	18.3	27.5	





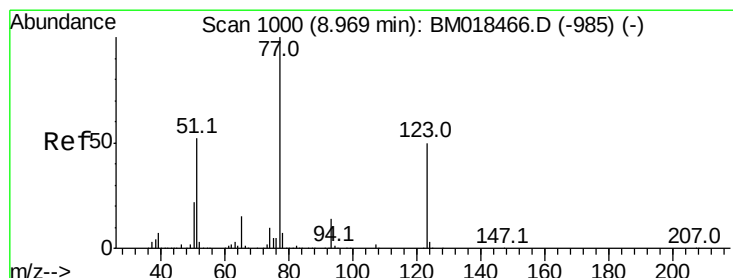
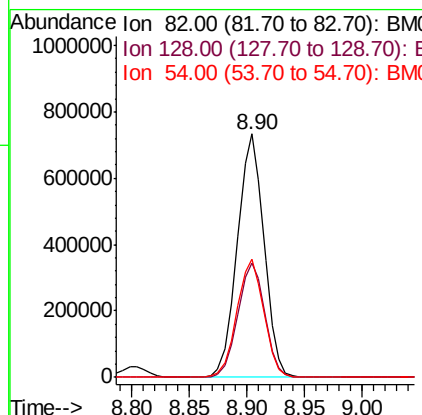
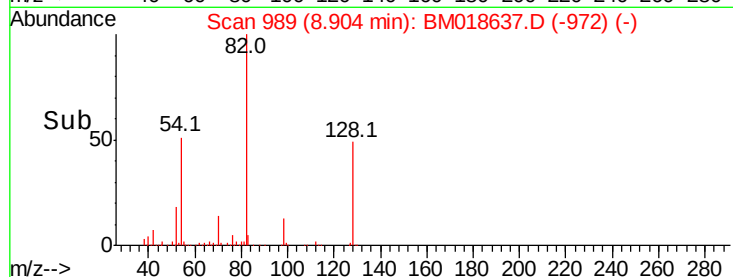
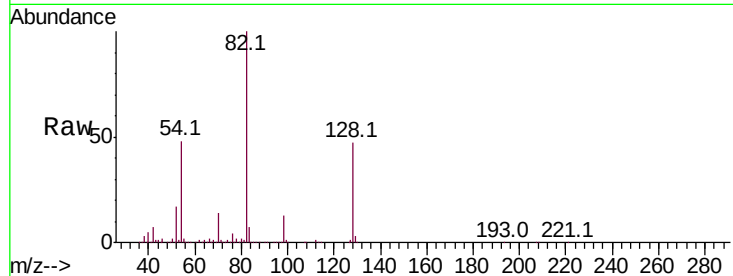
#23
Nitrobenzene-d5
Concen: 78.855 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampled :
PB116472BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	48.4	41.7	62.5

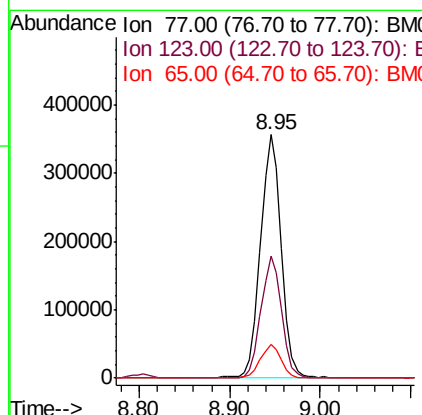
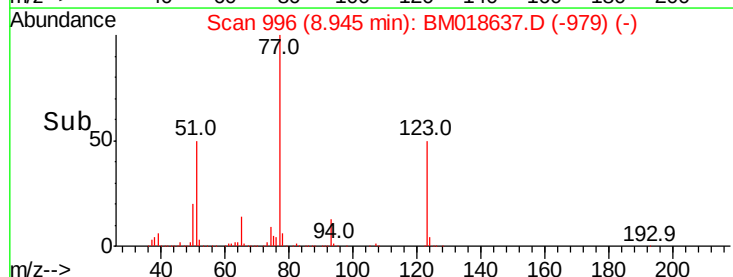
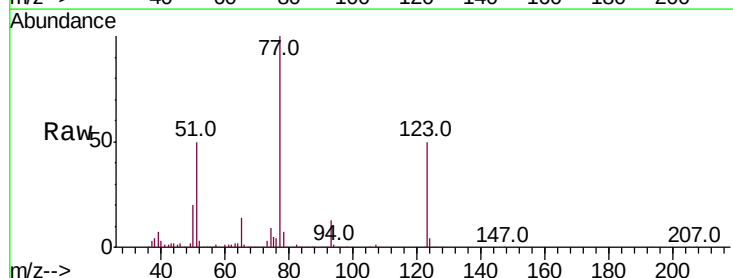
Manual Integrations
APPROVED

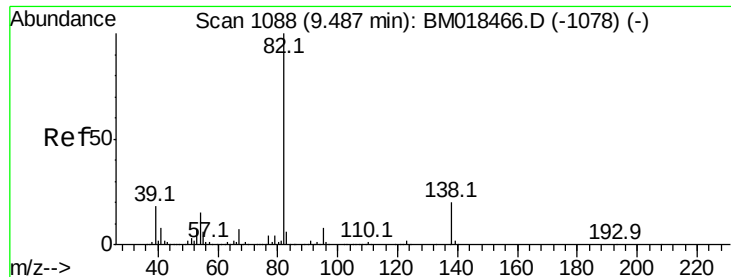
Sohil
1/21/2019 1:58:27 PM



#24
Nitrobenzene
Concen: 38.188 ng
RT: 8.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.7	56.5
65	13.9	11.0	16.6





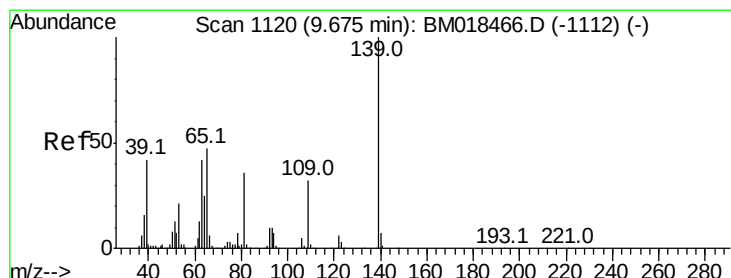
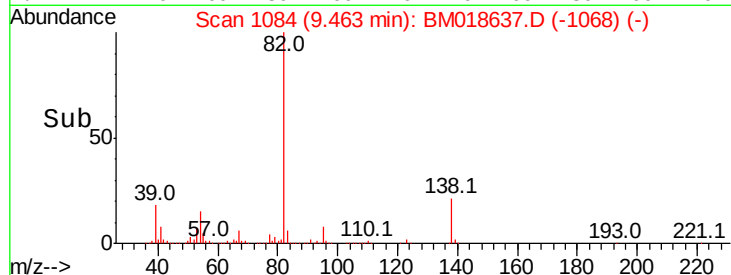
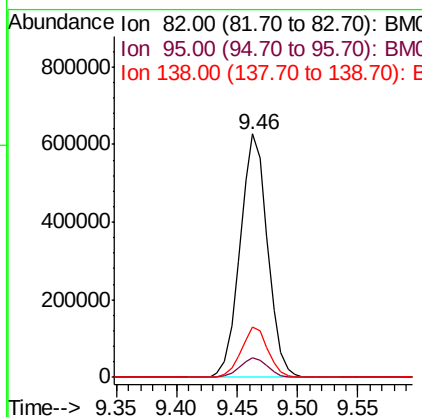
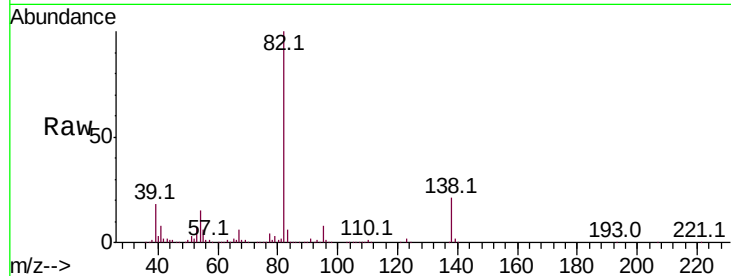
#25
Isophorone
Concen: 43.995 ng
RT: 9.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.9	6.1	9.1
138	20.6	15.1	22.7

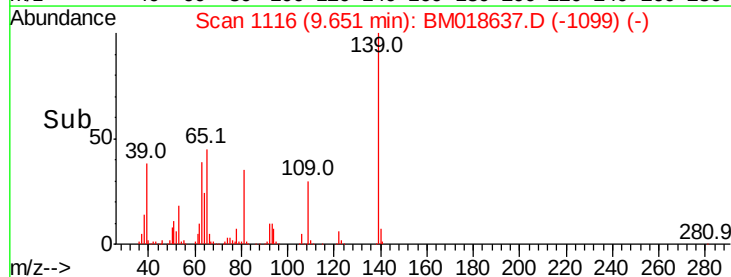
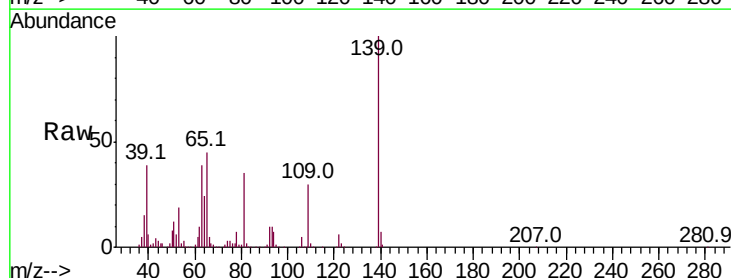
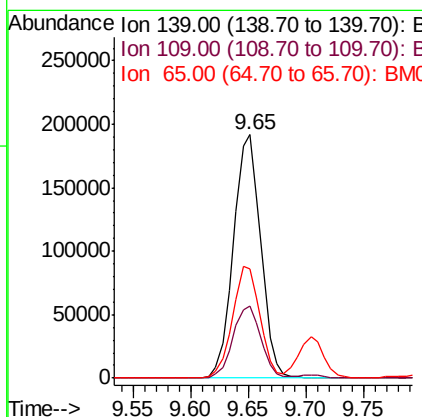
Manual Integrations
APPROVED

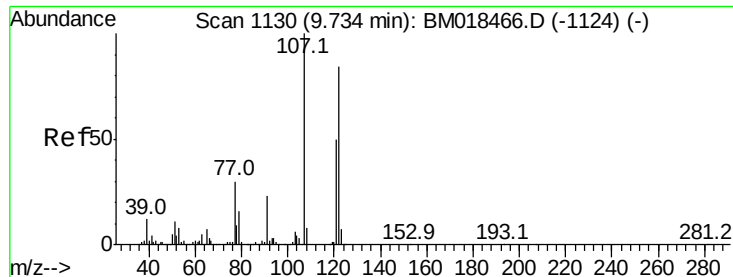
Sohil
1/21/2019 1:58:27 PM



#26
2-Nitrophenol
Concen: 44.154 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	29.8	23.4	35.2
65	45.1	39.4	59.2





#27

2,4-Dimethylphenol

Concen: 45.393 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

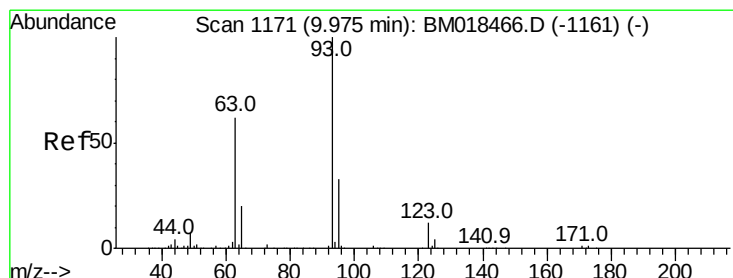
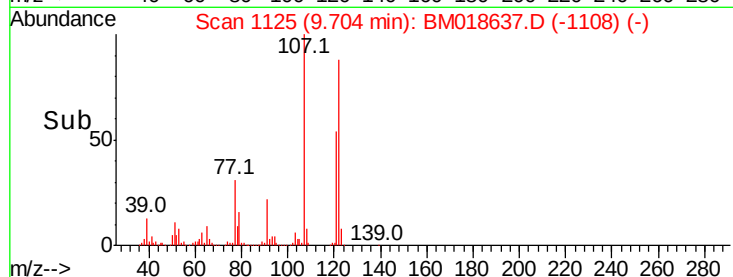
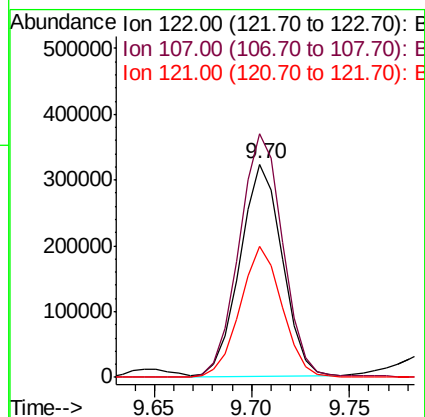
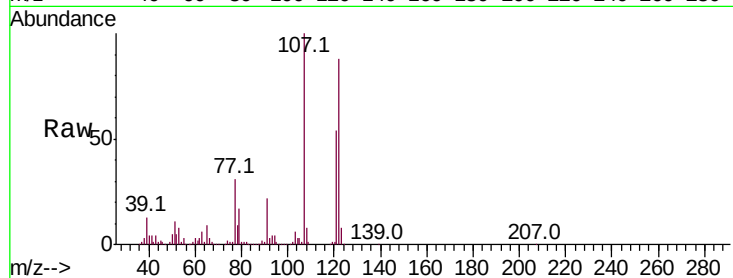
ClientSampled :

PB116472BS

Tot Ion:	122	Resp:	483884
Ion Ratio	Lower	Upper	
122	100		
107	114.2	91.9	137.9
121	61.5	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 39.830 ng

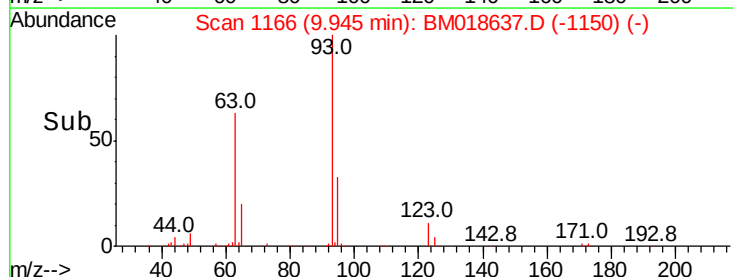
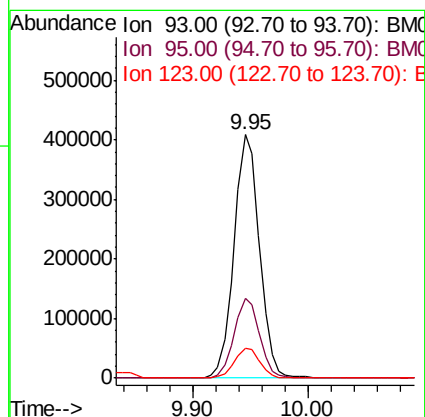
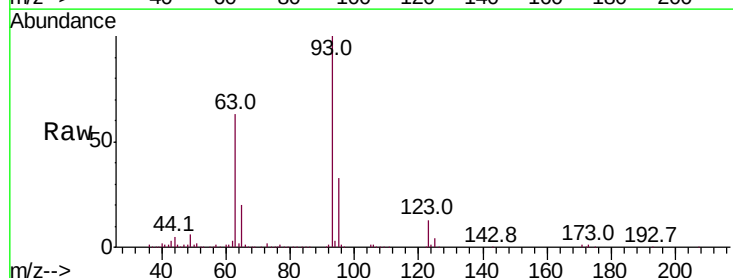
RT: 9.95 min Scan# 1166

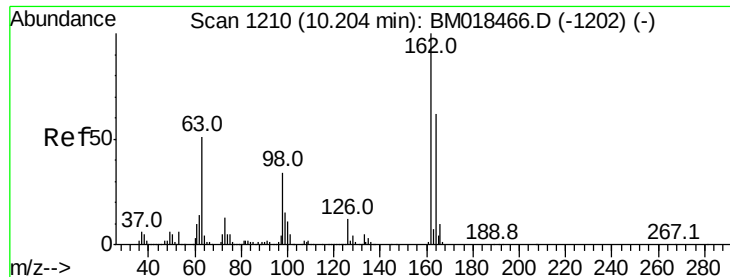
Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	93	Resp:	622835
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	39.8
123	12.5	9.9	14.9





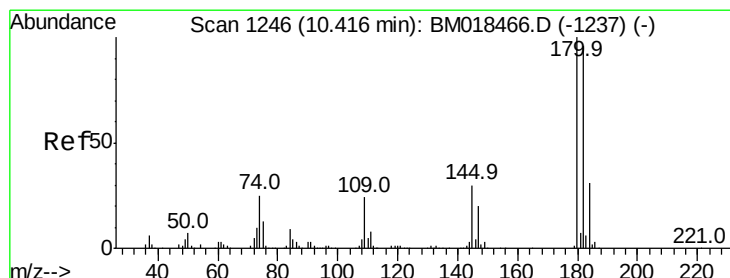
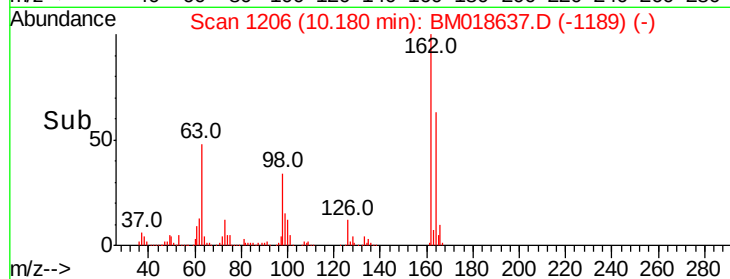
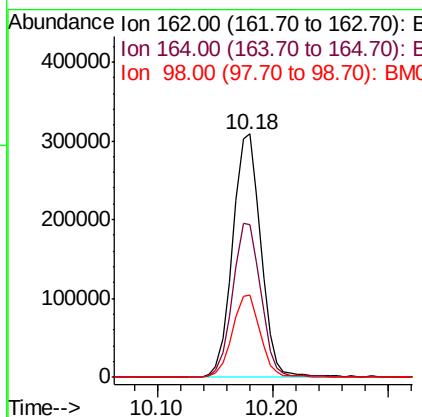
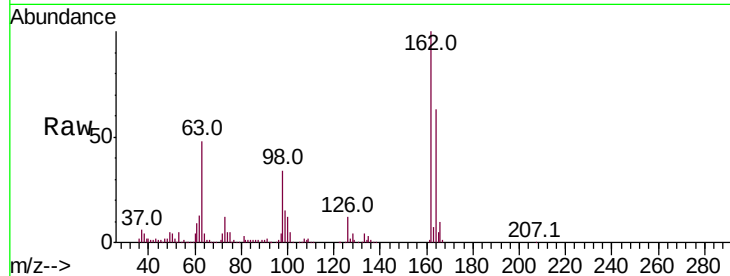
#29
2,4-Dichlorophenol
Concen: 41.314 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	524411		
164	62.9	45.6	85.6	
98	33.7	14.7	54.7	

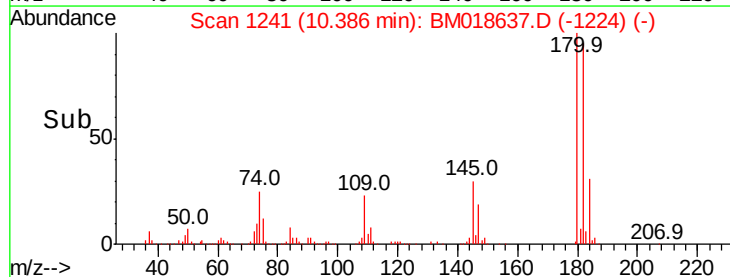
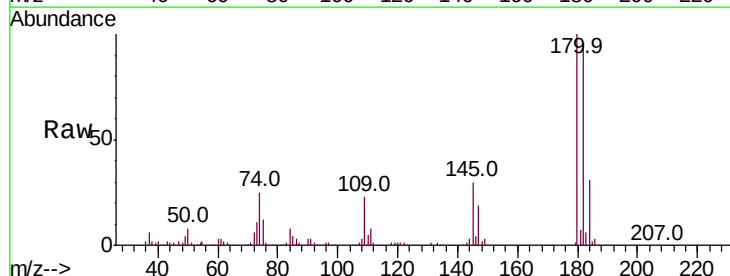
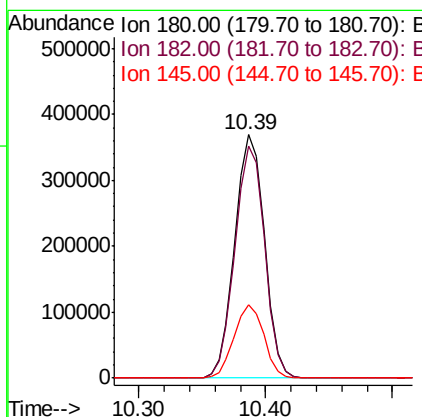
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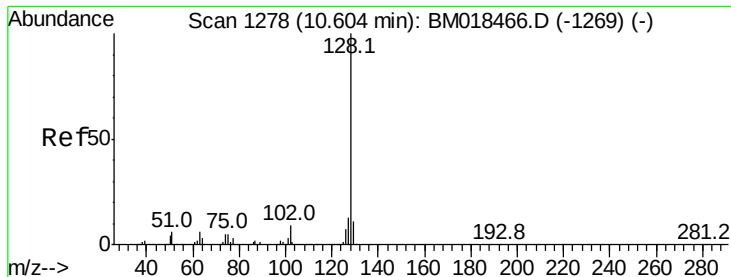
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#30
1,2,4-Trichlorobenzene
Concen: 38.069 ng
RT: 10.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	599788		
182	95.2	77.4	116.2	
145	30.0	24.6	37.0	





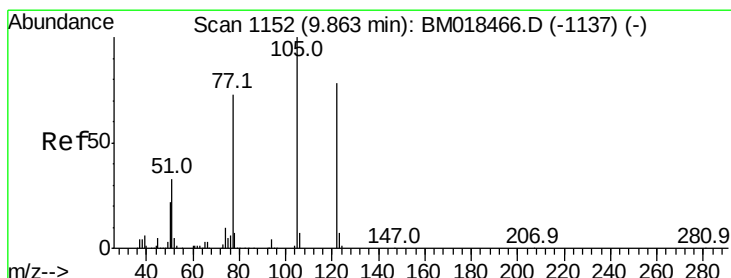
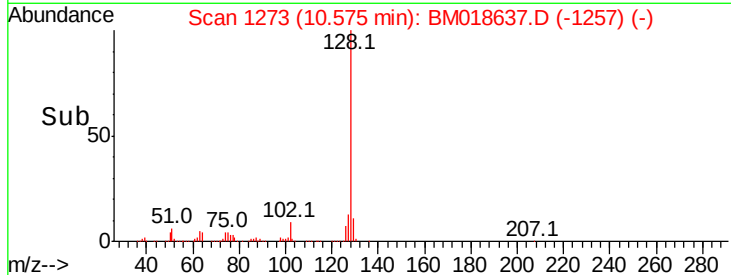
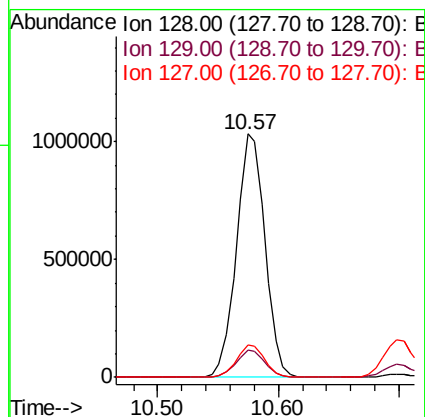
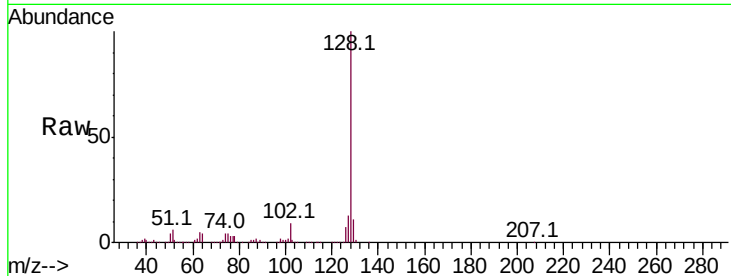
#31
Naphthalene
Concen: 40.820 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampled :
PB116472BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.8	16.2

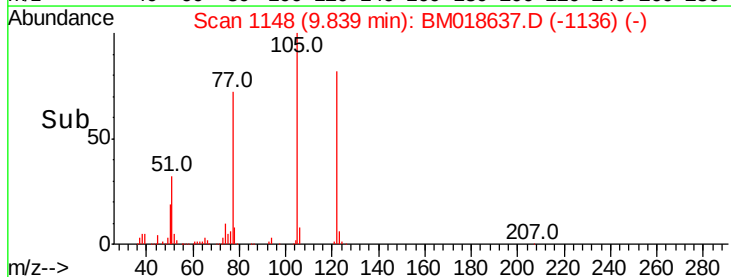
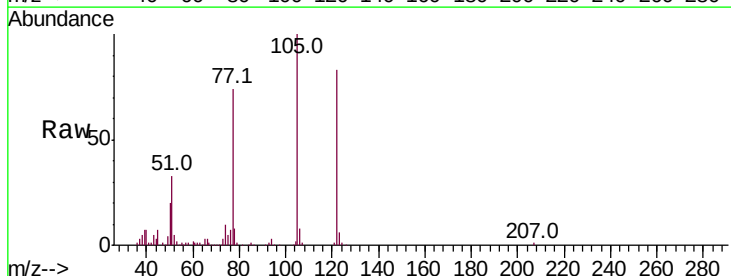
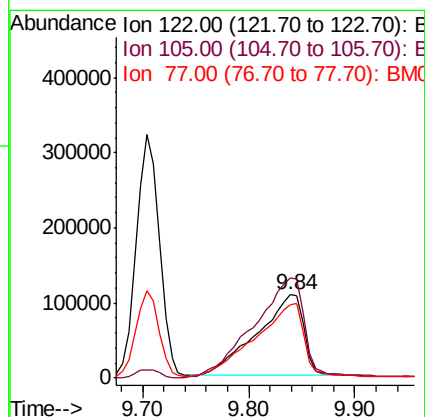
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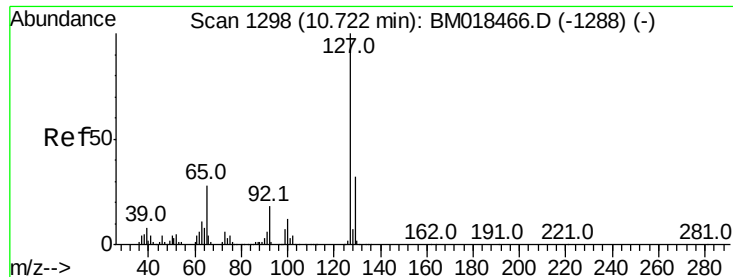
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#32
Benzoic acid
Concen: 46.419 ng m
RT: 9.84 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	100.4	140.4
77	88.7	71.7	111.7





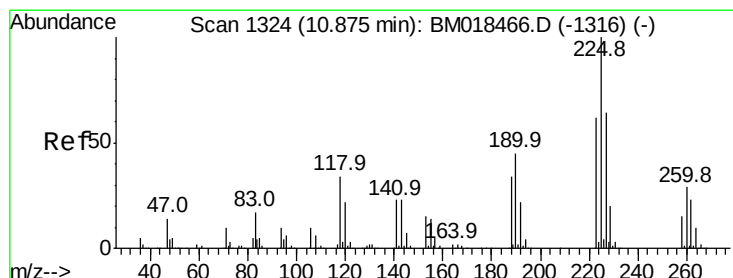
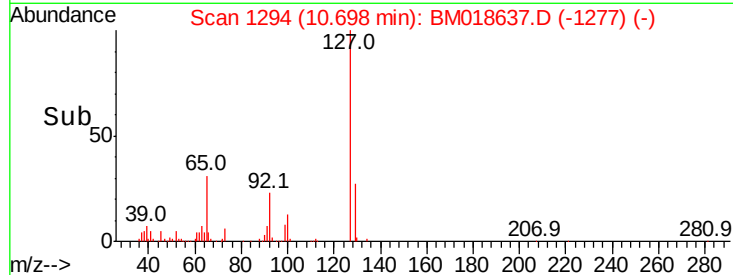
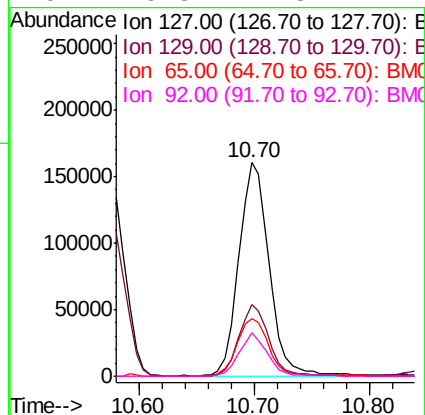
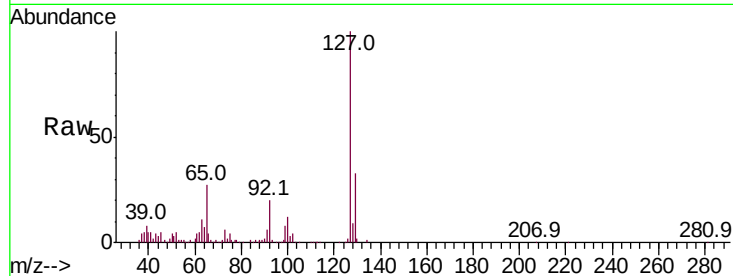
#33
4-Chloroaniline
Concen: 17.584 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampled :
PB116472BS

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.3	25.9	38.9
65	27.1	23.4	35.2
92	20.3	14.5	21.7

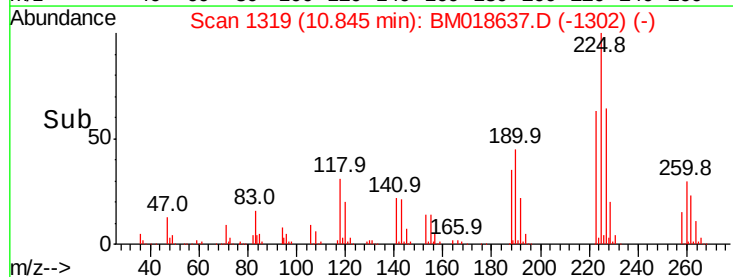
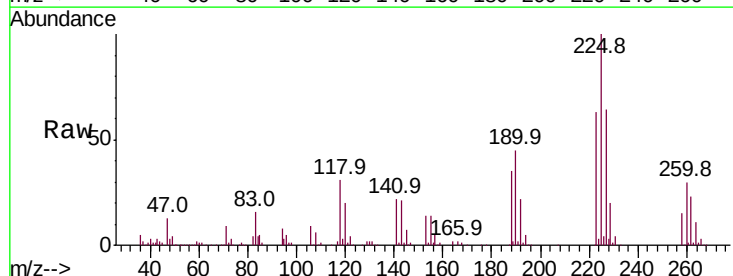
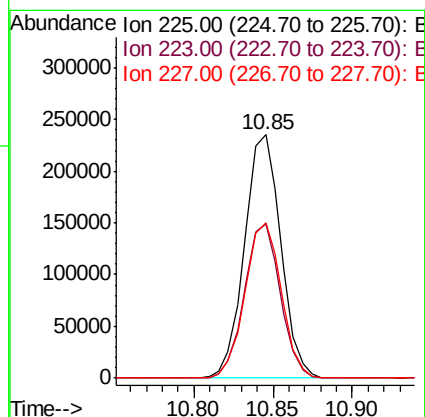
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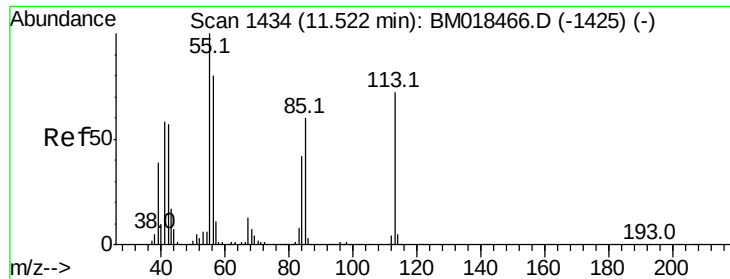
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#34
Hexachlorobutadiene
Concen: 37.539 ng
RT: 10.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.0	50.8	76.2
227	63.9	50.4	75.6





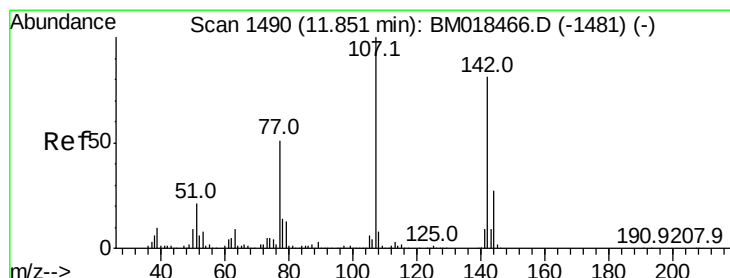
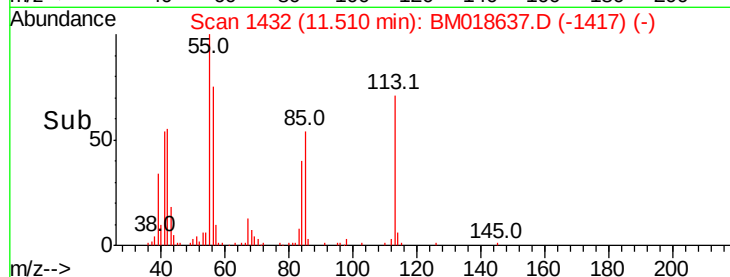
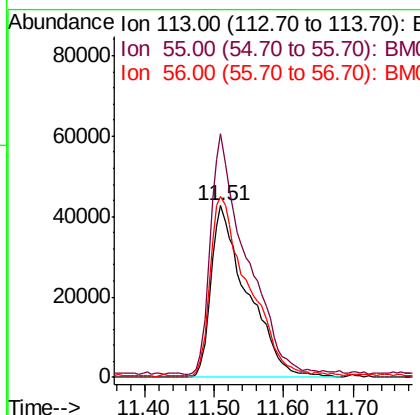
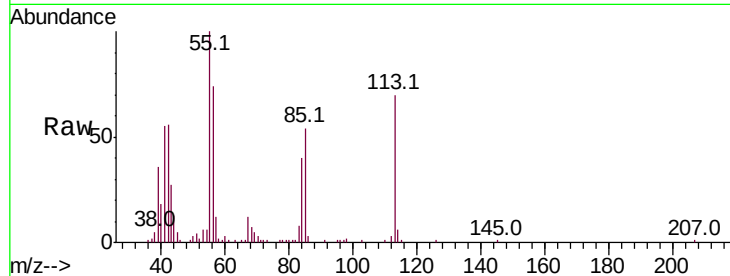
#35
Caprolactam
Concen: 35.751 ng/ml
RT: 11.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.0	139.3	179.3
56	105.5	101.4	141.4

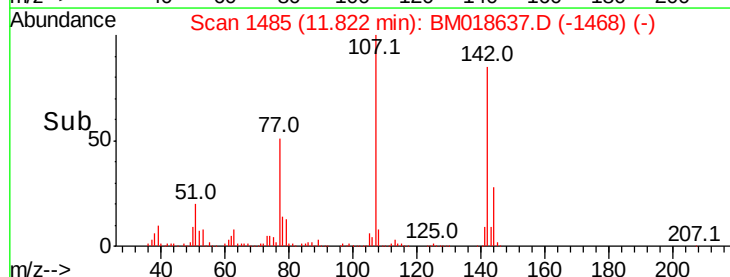
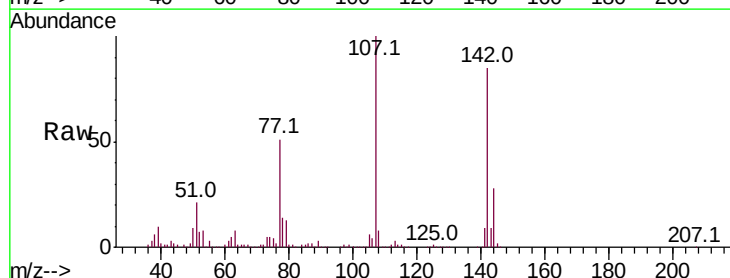
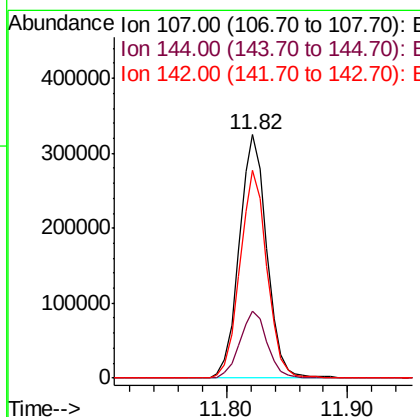
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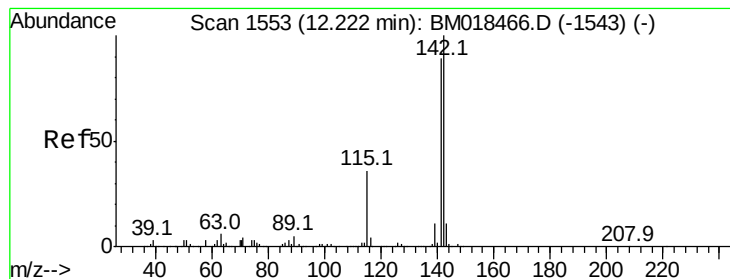
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#36
4-Chloro-3-methylphenol
Concen: 38.728 ng/ml
RT: 11.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.9	32.9
142	85.2	67.9	101.9





#37

2-Methylnaphthalene

Concen: 41.549 ng

RT: 12.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampled :

PB116472BS

Tot Ion:142 Resp: 1225123

Ion Ratio Lower Upper

142 100

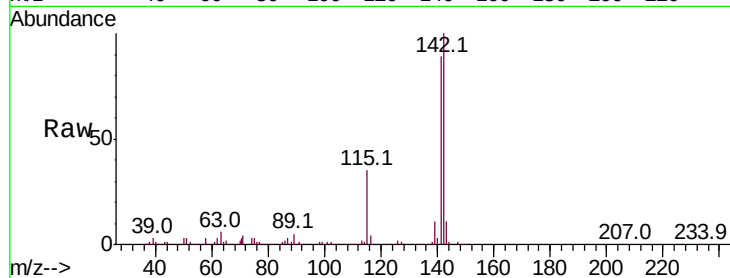
141 89.5 71.4 107.2

115 34.5 28.0 42.0

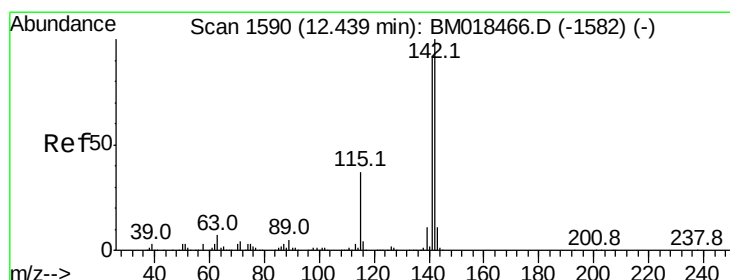
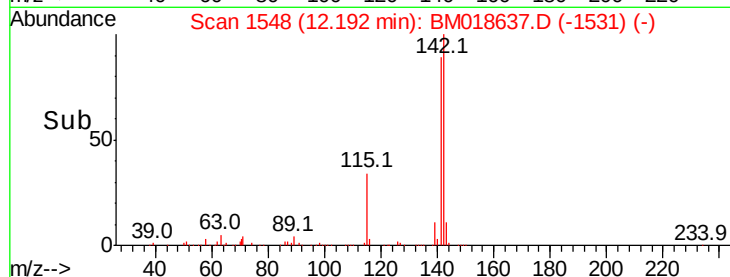
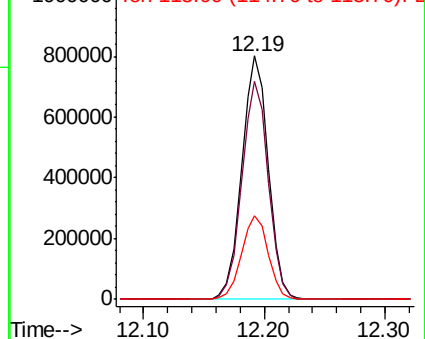
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.370 ng

RT: 12.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

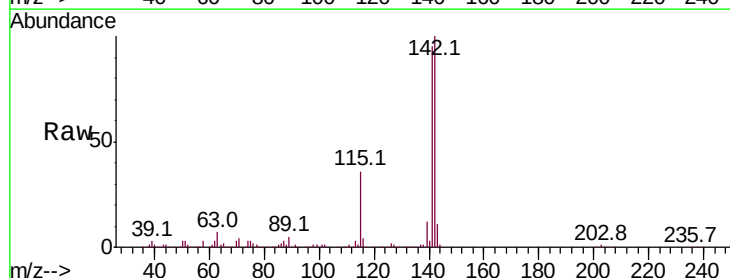
Tgt Ion:142 Resp: 1151761

Ion Ratio Lower Upper

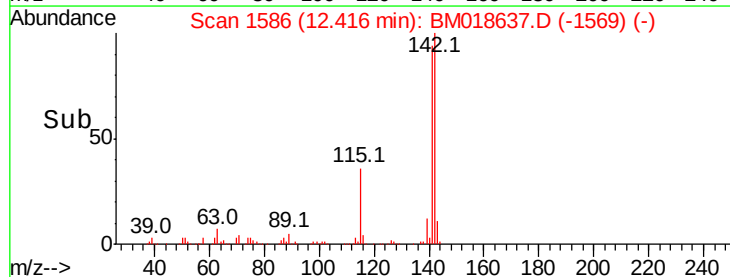
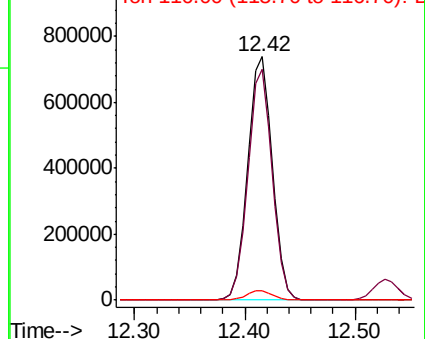
142 100

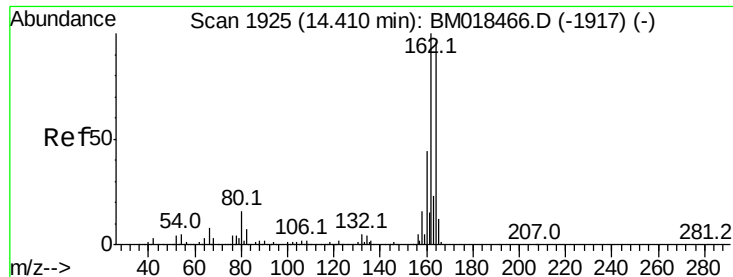
141 94.5 75.6 113.4

116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





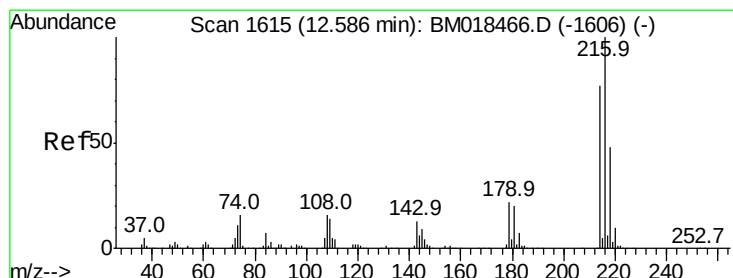
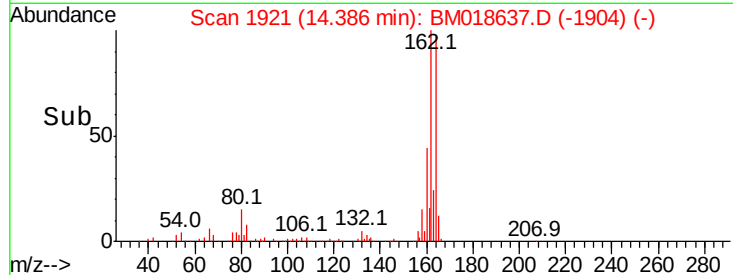
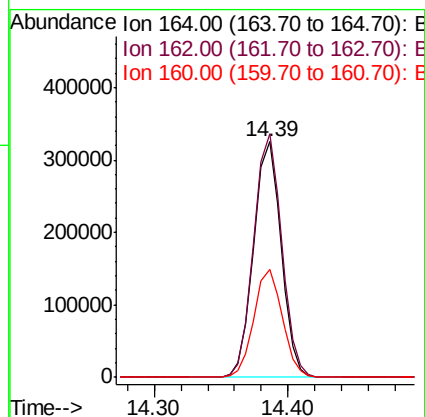
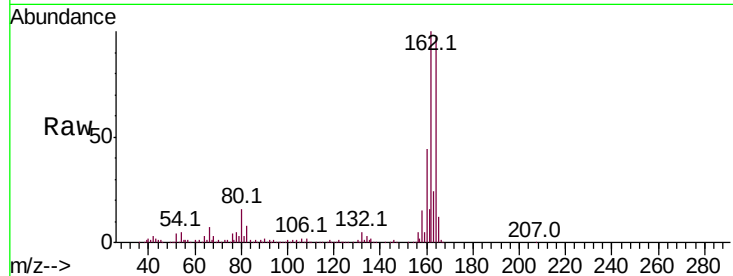
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.4
160	45.7	37.1	55.7

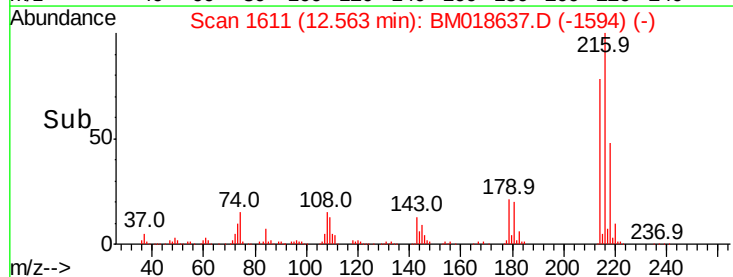
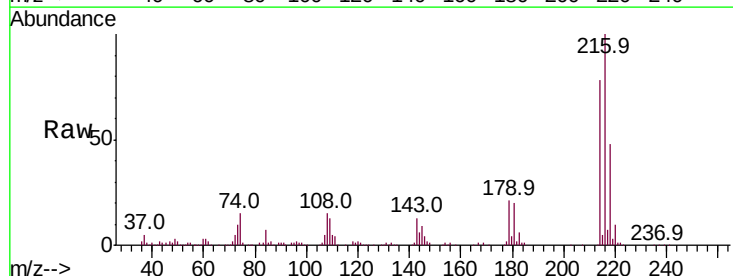
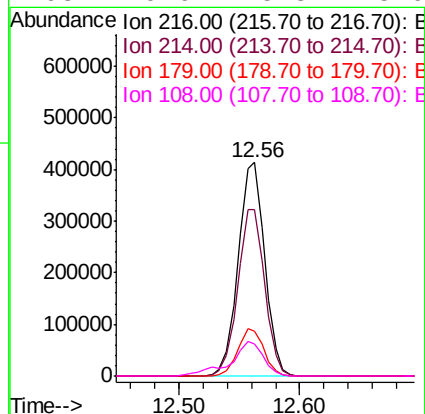
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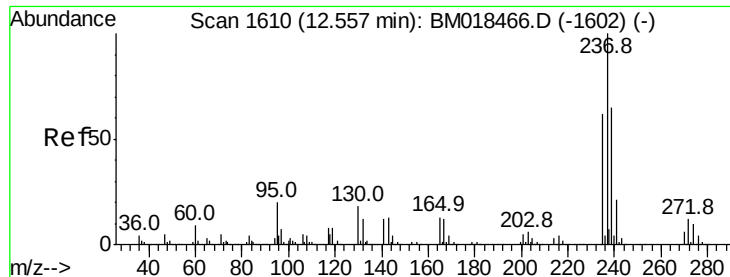
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.360 ng
RT: 12.56 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	21.7	17.9	26.9
108	19.6	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 93.037 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

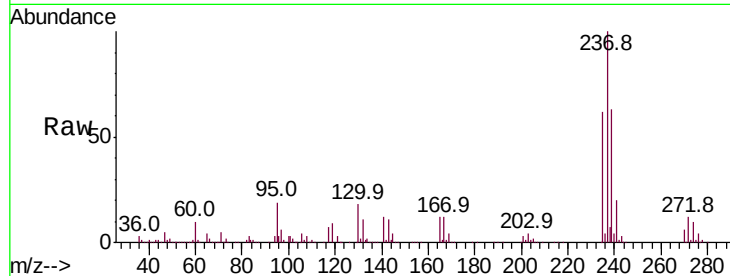
ClientSampleId :

PB116472BS

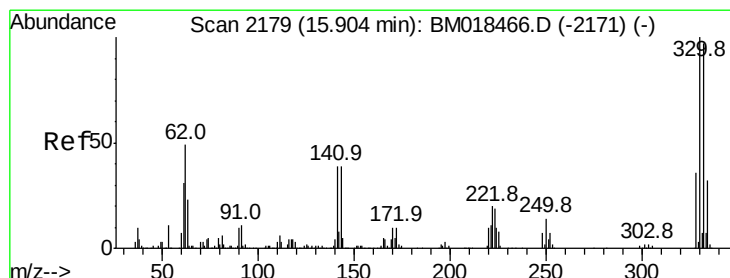
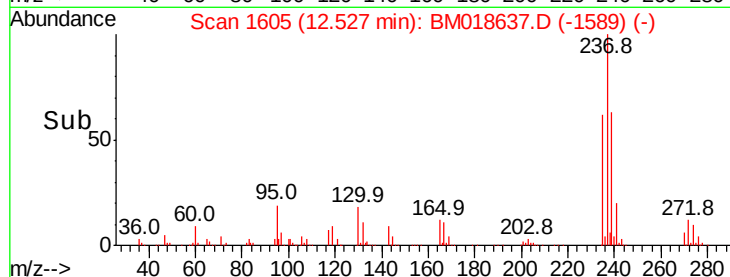
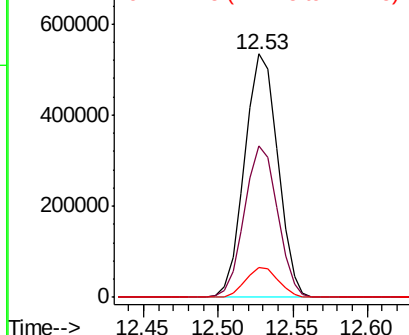
Tot Ion:	237	Resp:	822189
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.8	82.8
272	12.1	0.0	31.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 141.268 ng

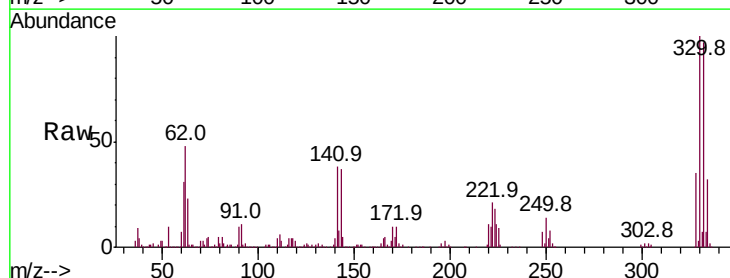
RT: 15.88 min Scan# 2175

Delta R.T. -0.01 min

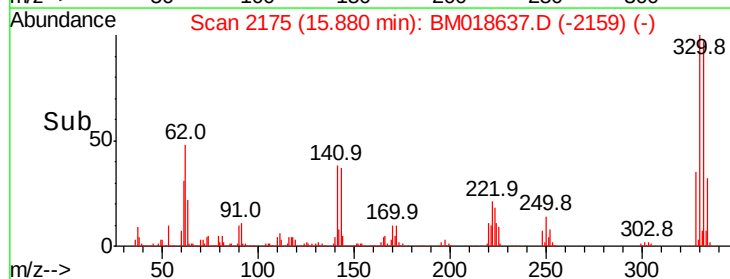
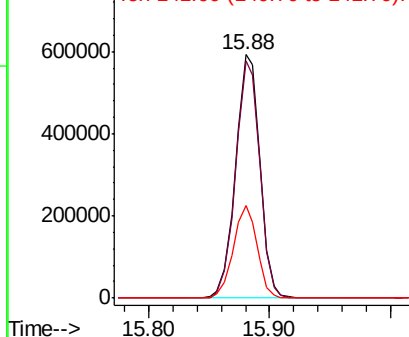
Lab File: BM018637.D

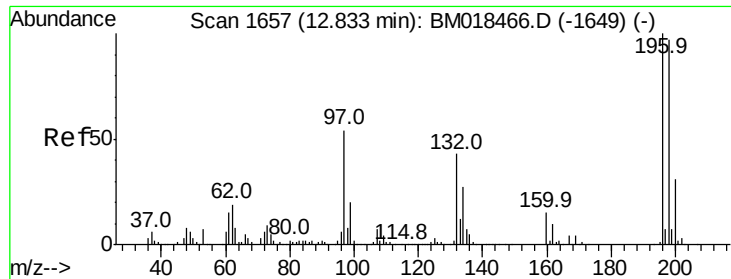
Acq: 18 Jan 2019 15:13

Tgt Ion:	330	Resp:	828238
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.6	116.4
141	37.5	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





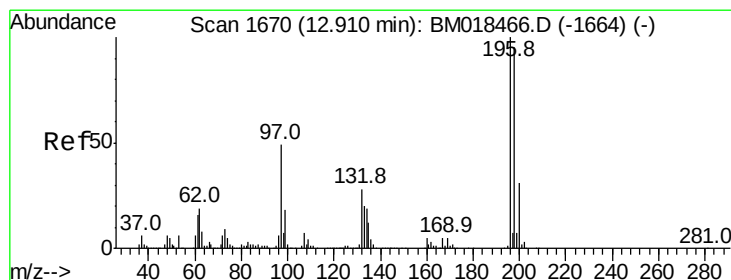
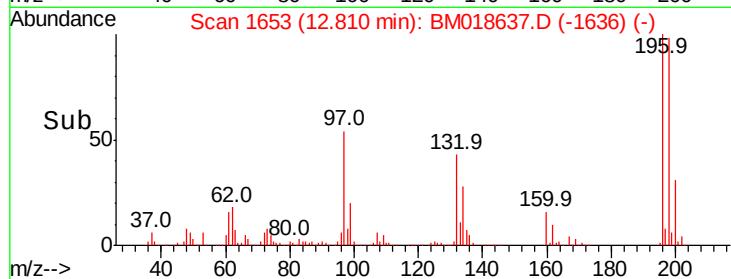
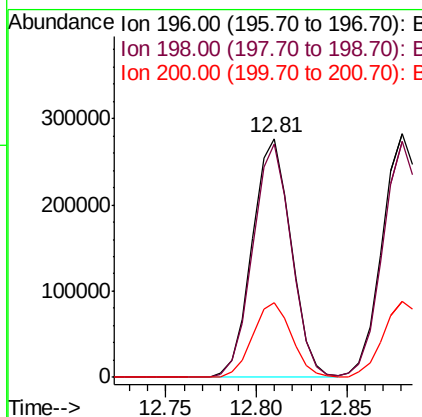
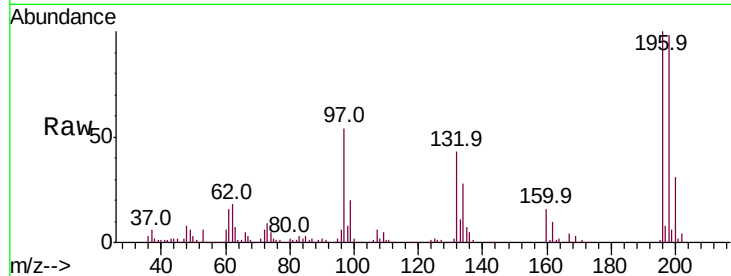
#43
 2,4,6-Trichlorophenol
 Concen: 42.427 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Instrument :
 BNA_M
 ClientSampled :
 PB116472BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	414854		
198	97.5	76.6	115.0	
200	31.1	24.2	36.4	

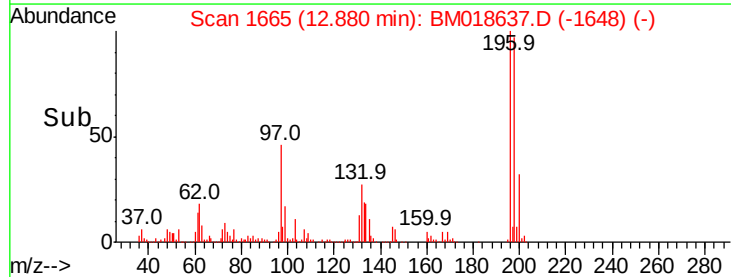
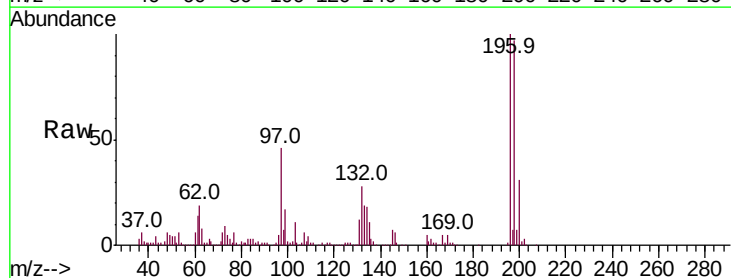
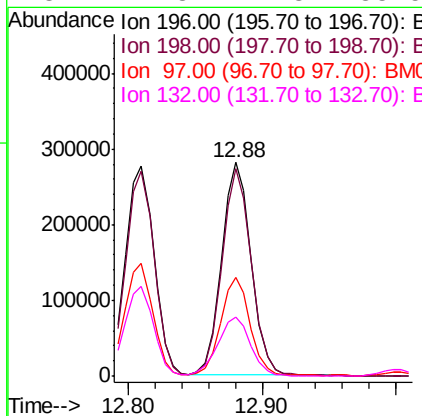
Manual Integrations
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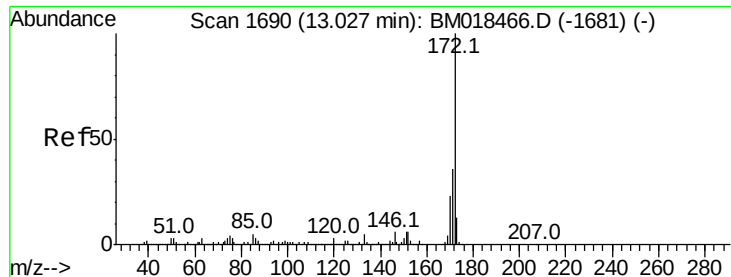
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.414 ng
 RT: 12.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	436168		
198	97.0	76.7	115.1	
97	46.4	39.2	58.8	
132	27.8	22.3	33.5	





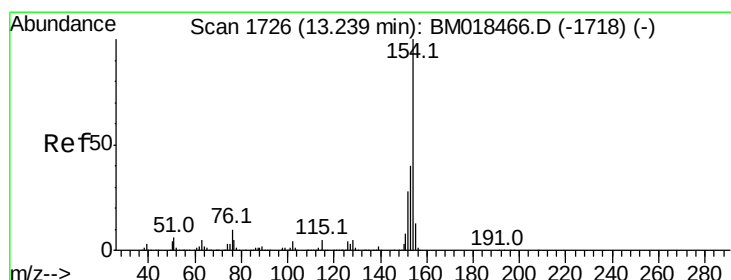
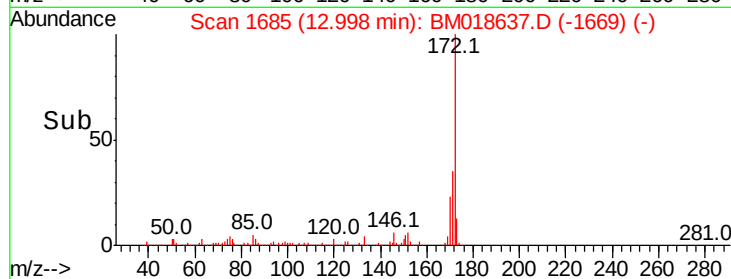
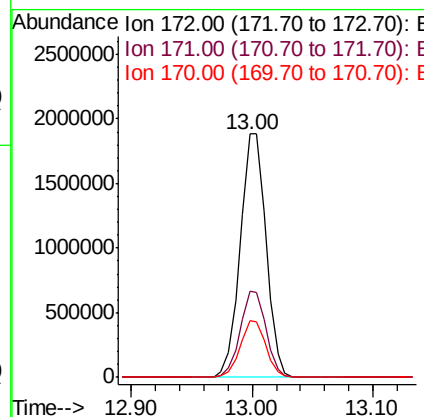
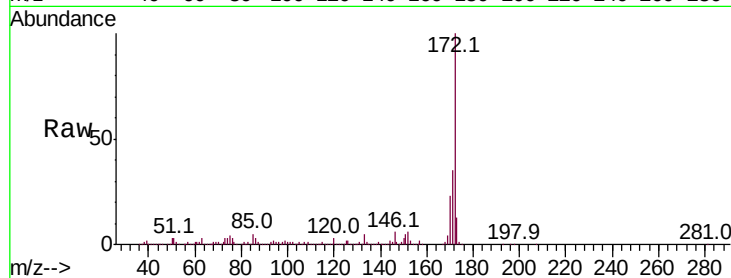
#45
2-Fluorobiphenyl
Concen: 79.782 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.3	18.9	28.3

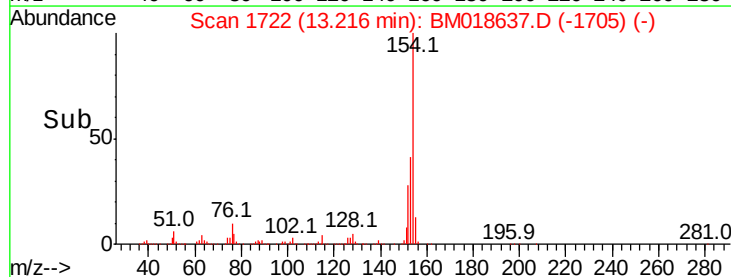
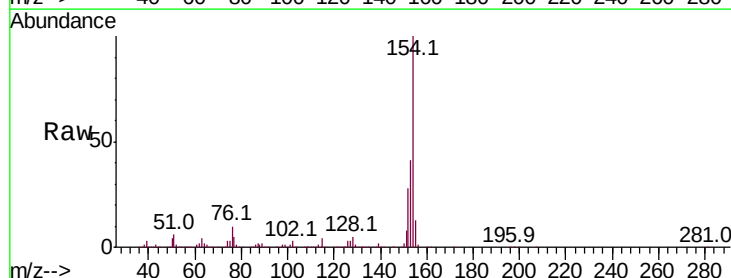
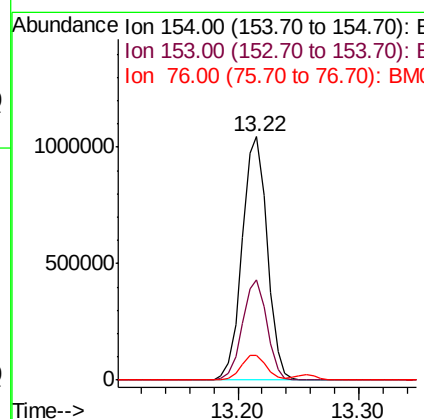
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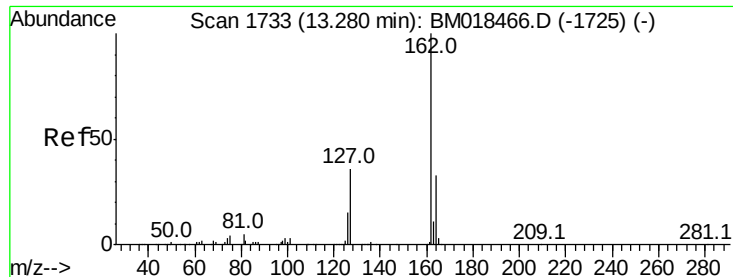
Sohil
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#46
1,1'-Biphenyl
Concen: 37.717 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.5	60.5
76	10.3	0.0	31.9





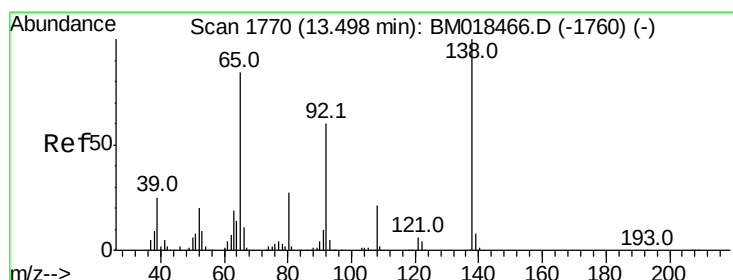
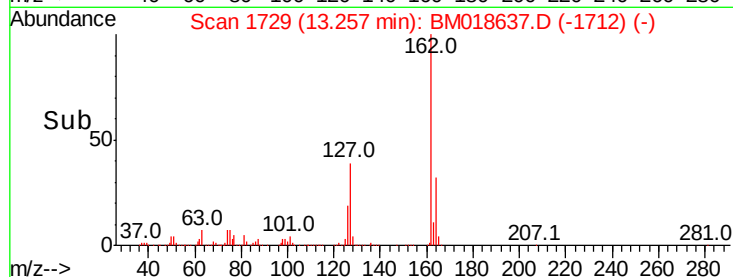
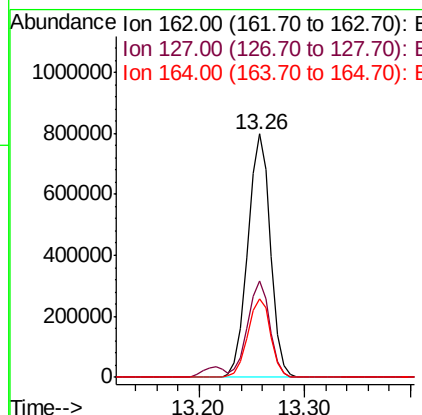
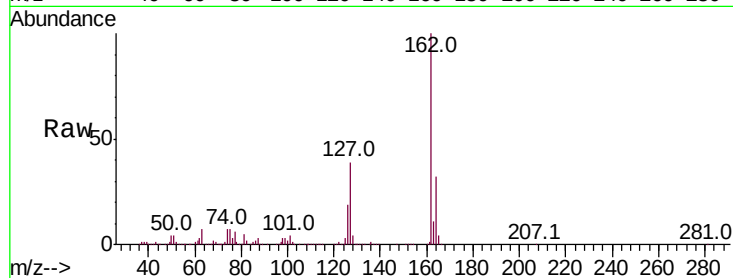
#47
2-Chloronaphthalene
Concen: 37.988 ng
RT: 13.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampled :
PB116472BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.4	47.0
164	32.3	26.2	39.4

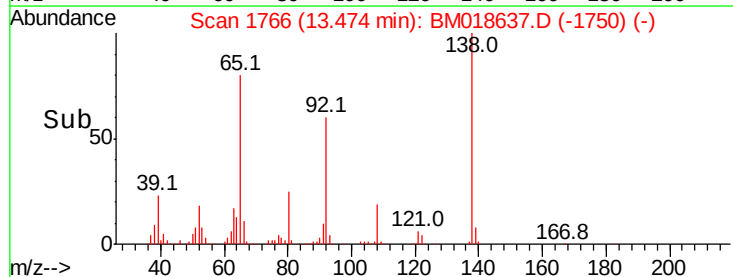
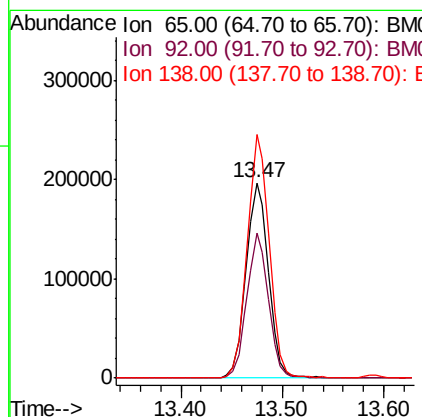
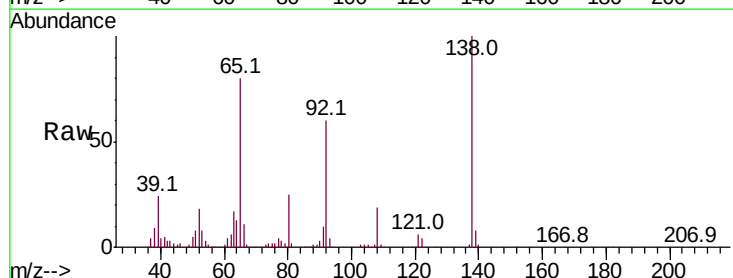
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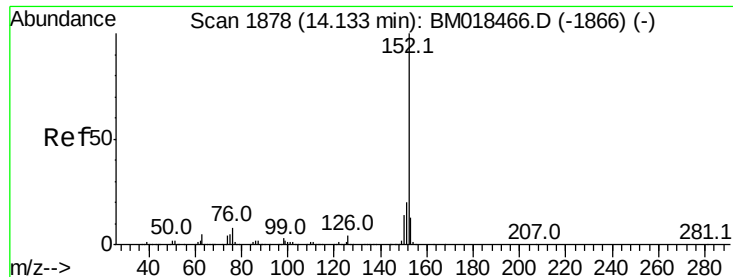
Sohil
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#48
2-Nitroaniline
Concen: 39.476 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	53.4	80.2
138	124.9	88.9	133.3





#49

Acenaphthylene

Concen: 41.149 ng

RT: 14.11 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

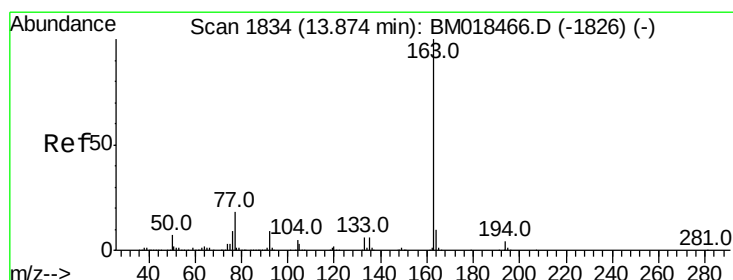
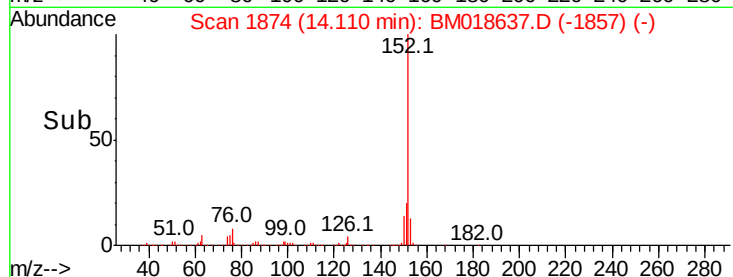
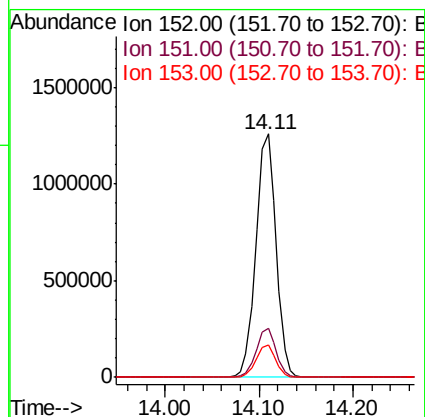
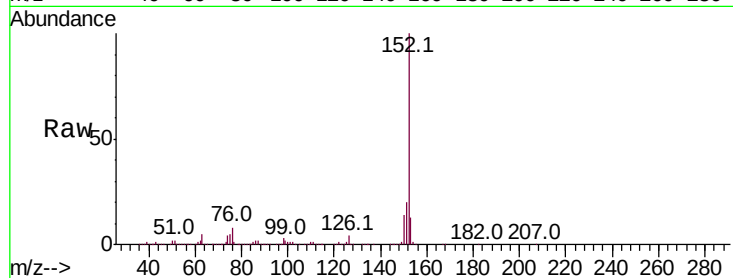
ClientSampleId :

PB116472BS

Tot Ion:	152	Resp:	1869586
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.2	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.955 ng

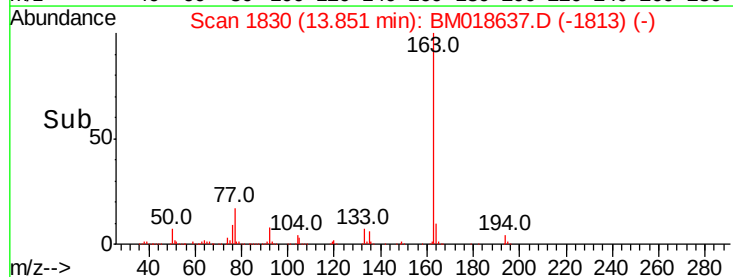
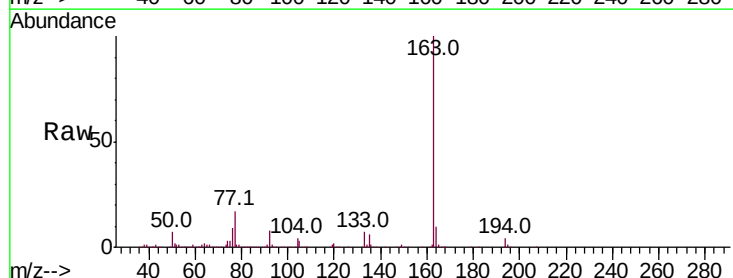
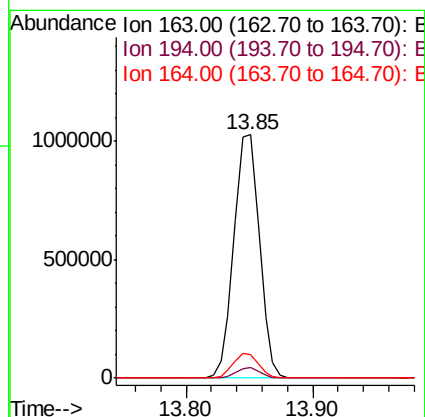
RT: 13.85 min Scan# 1830

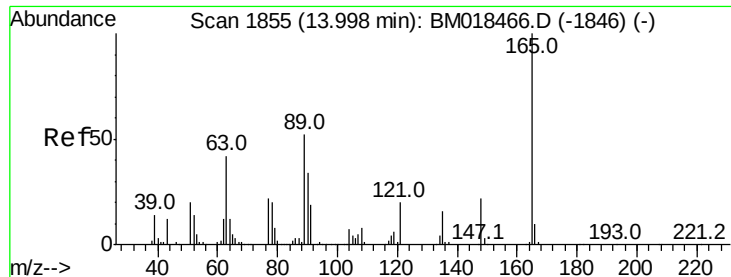
Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	163	Resp:	1435304
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.8	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 39.538 ng

RT: 13.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

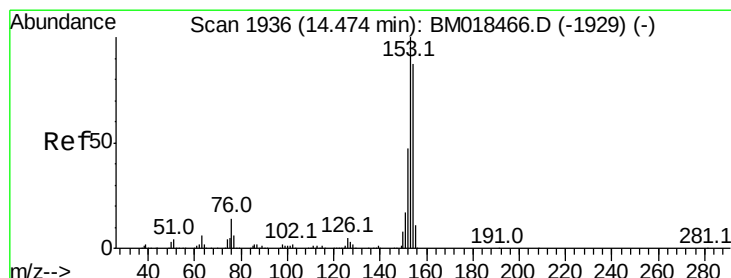
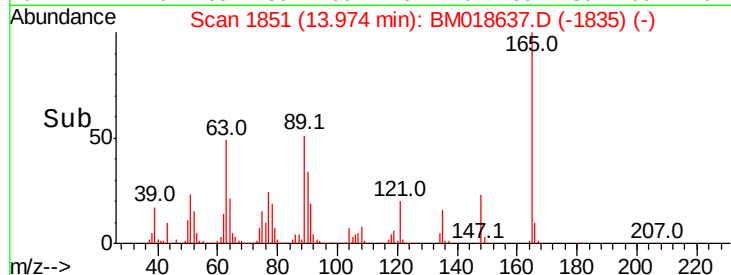
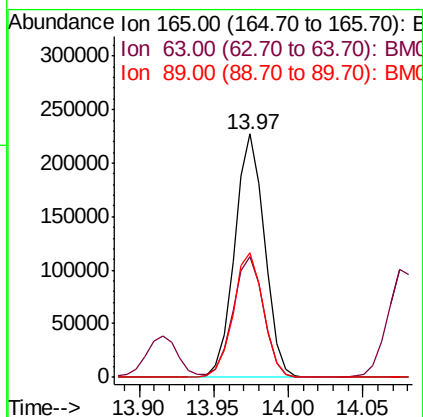
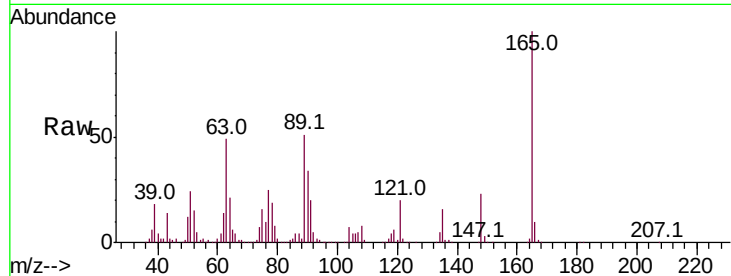
ClientSampleId :

PB116472BS

Tot Ion:	165	Resp:	316712
Ion Ratio	Lower	Upper	
165	100		
63	49.3	45.6	68.4
89	51.3	44.6	66.8

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#52

Acenaphthene

Concen: 38.534 ng

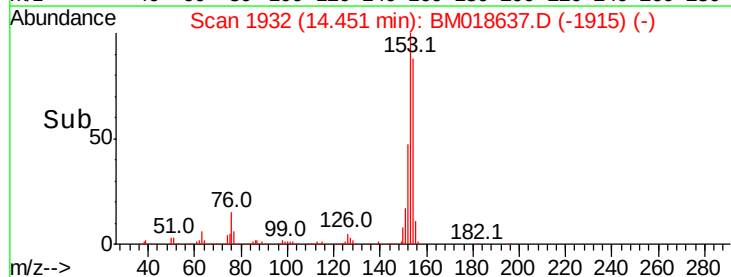
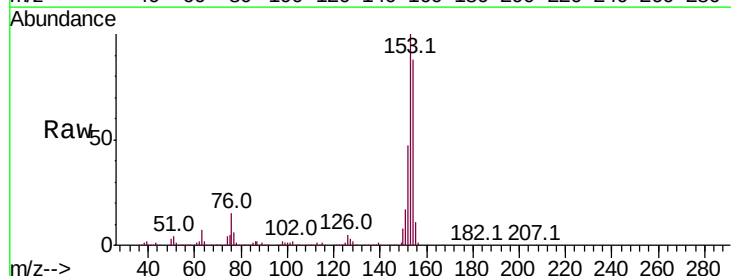
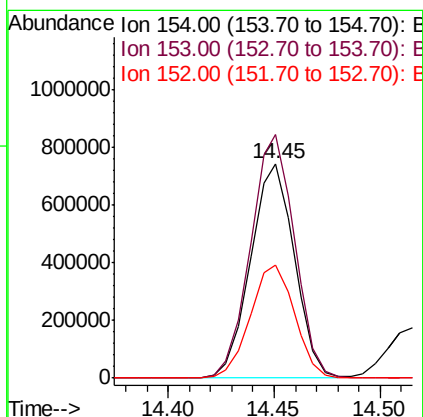
RT: 14.45 min Scan# 1932

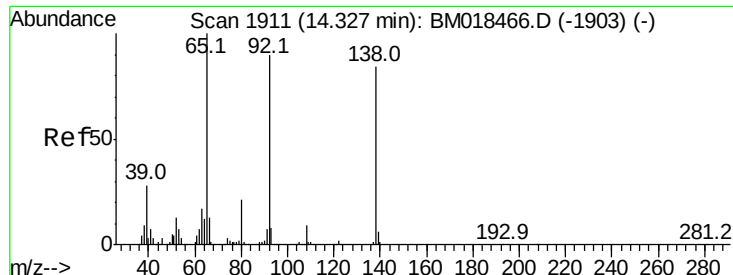
Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	154	Resp:	1071241
Ion Ratio	Lower	Upper	
154	100		
153	113.5	92.3	138.5
152	53.0	43.8	65.6





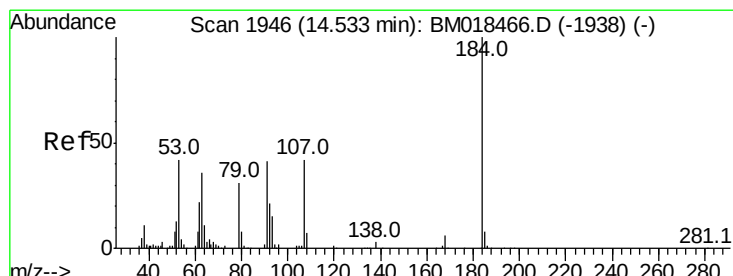
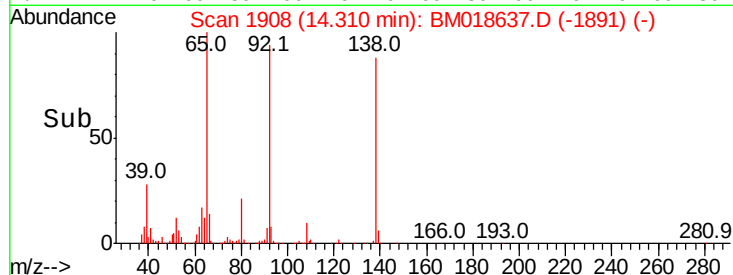
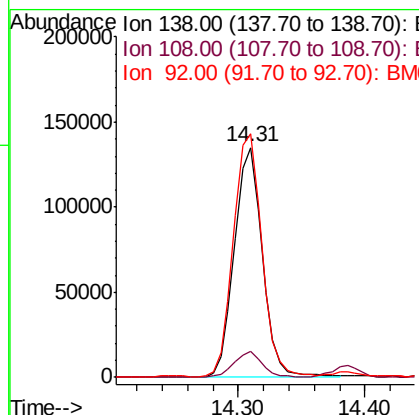
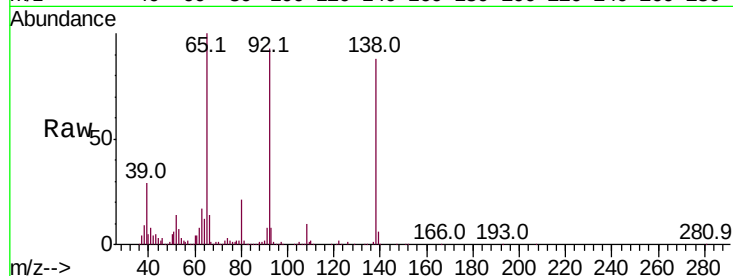
#53
3-Nitroaniline
Concen: 25.641 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	106.1	88.2	132.2

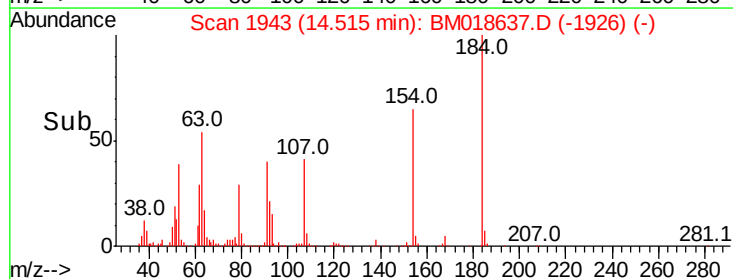
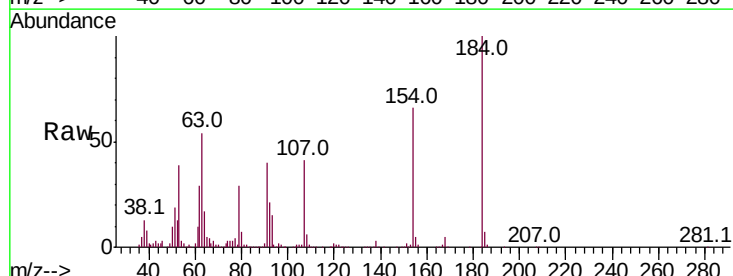
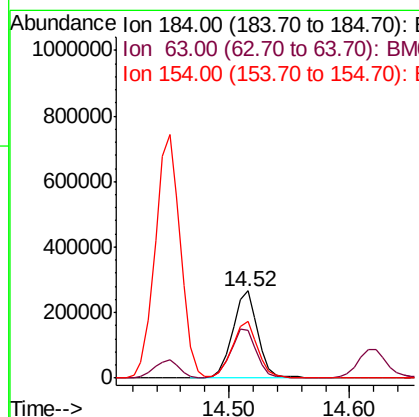
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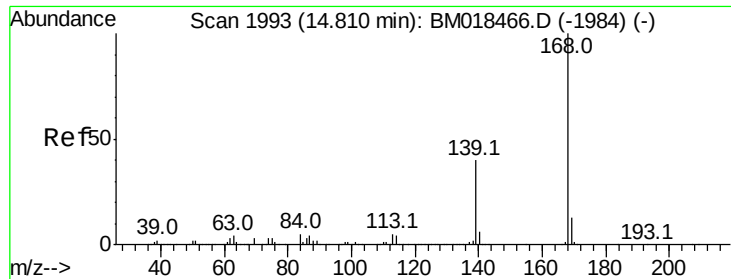
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#54
2,4-Dinitrophenol
Concen: 87.806 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	55.9	83.9#
154	65.6	54.2	81.4





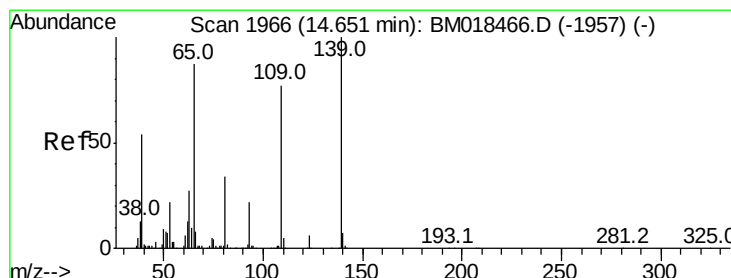
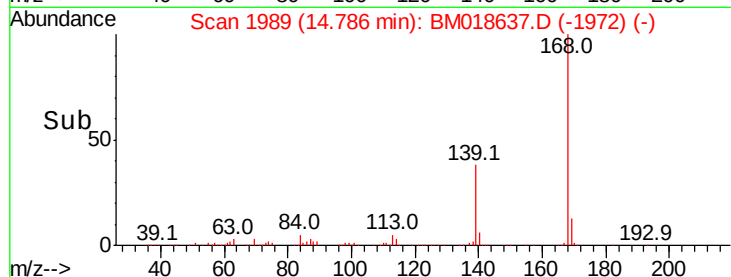
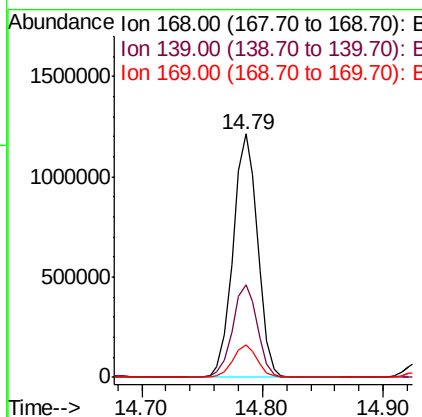
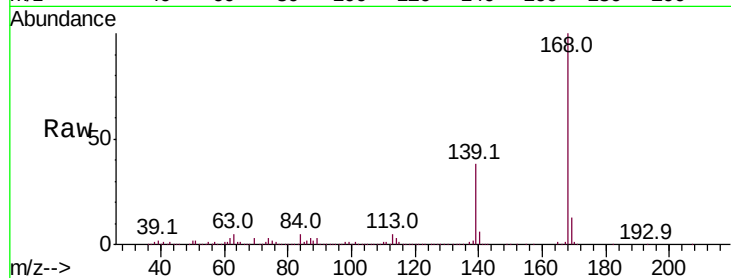
#55
Dibenzofuran
Concen: 37.399 ng
RT: 14.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion:168 Resp: 1717830
Ion Ratio Lower Upper
168 100
139 38.3 30.3 45.5
169 13.2 10.6 16.0

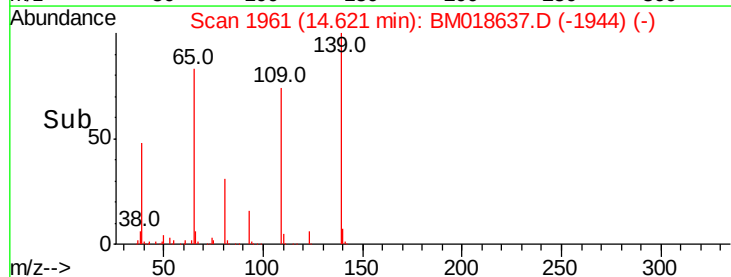
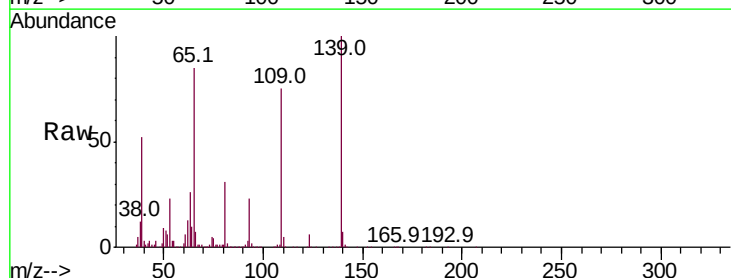
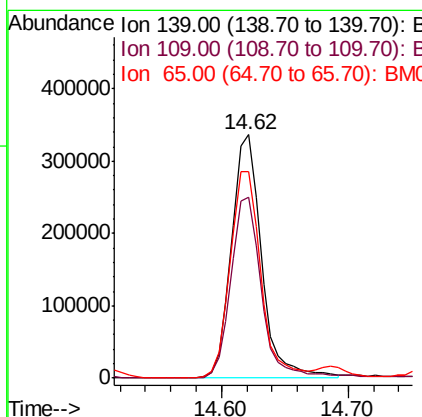
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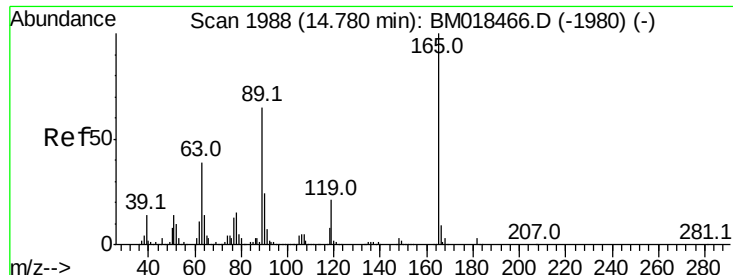
Sohil
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#56
4-Nitrophenol
Concen: 79.271 ng
RT: 14.62 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:139 Resp: 553043
Ion Ratio Lower Upper
139 100
109 74.5 51.7 91.7
65 84.6 71.4 111.4





#57

2,4-Dinitrotoluene

Concen: 39.115 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

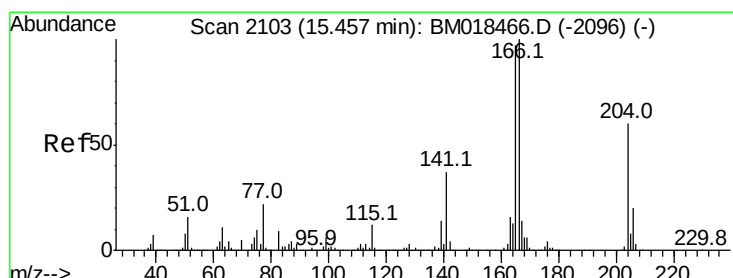
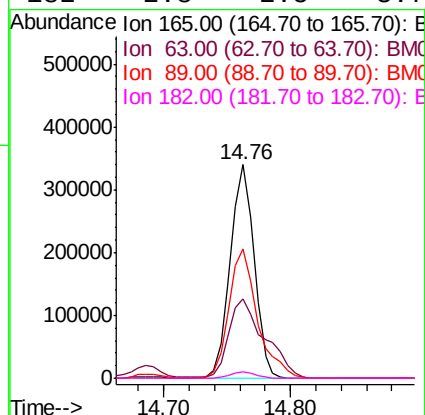
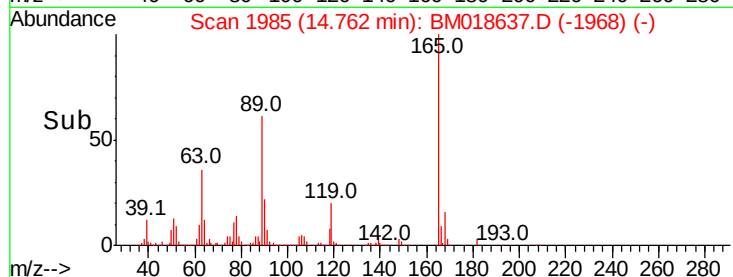
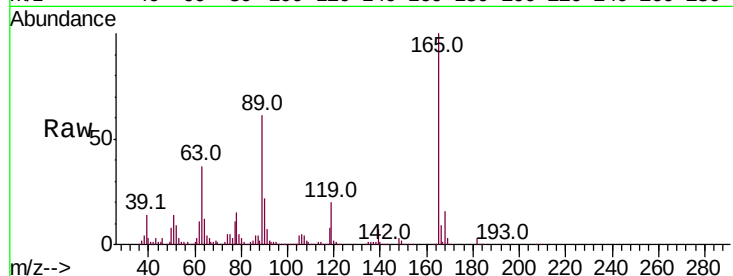
ClientSampled :

PB116472BS

Tot Ion:	165	Resp:	443320
Ion Ratio	Lower	Upper	
165	100		
63	37.5	32.2	48.2
89	60.8	52.1	78.1
182	2.8	2.5	3.7

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#58

Fluorene

Concen: 40.387 ng

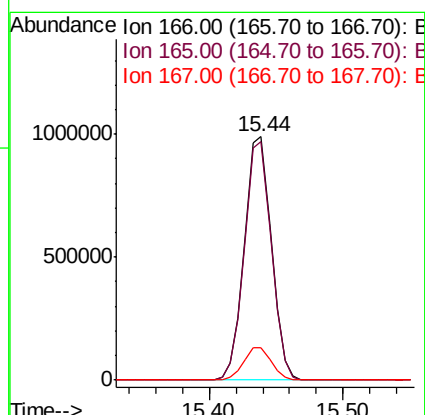
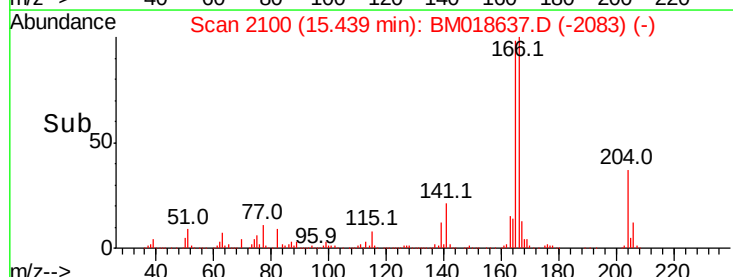
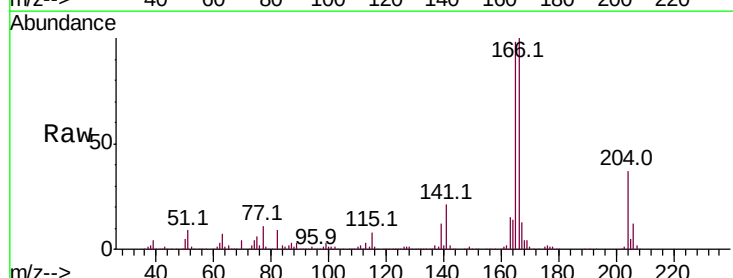
RT: 15.44 min Scan# 2100

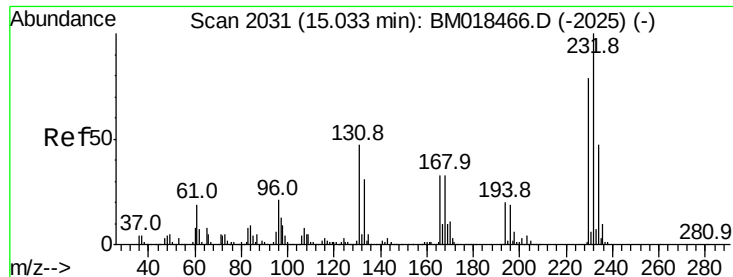
Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	166	Resp:	1381934
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.3	117.5
167	13.2	10.9	16.3





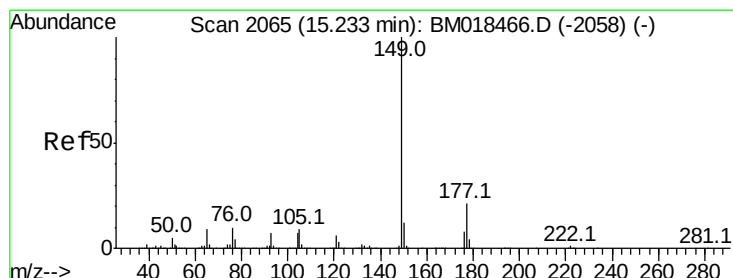
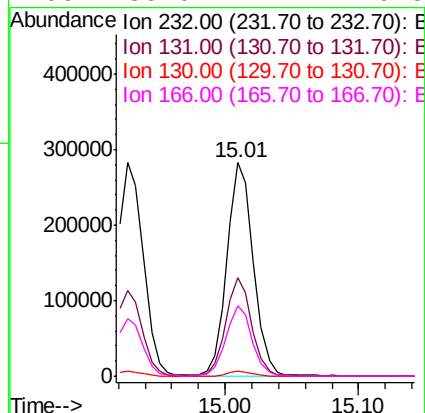
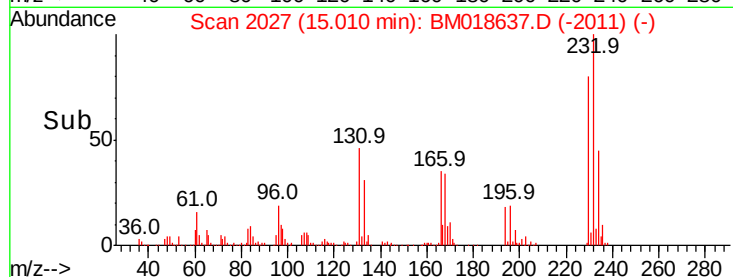
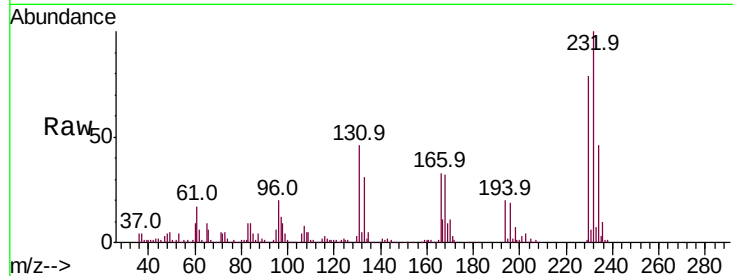
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.893 ng
RT: 15.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	390979		
131	45.2	38.6	57.8	
130	2.4	2.2	3.4	
166	33.0	27.2	40.8	

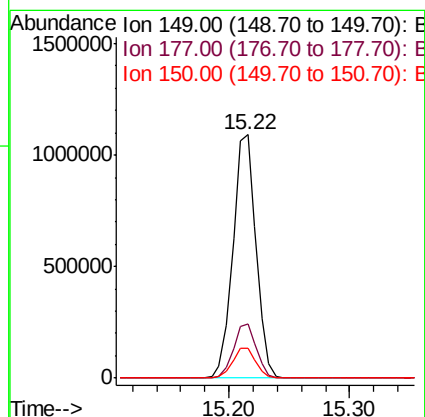
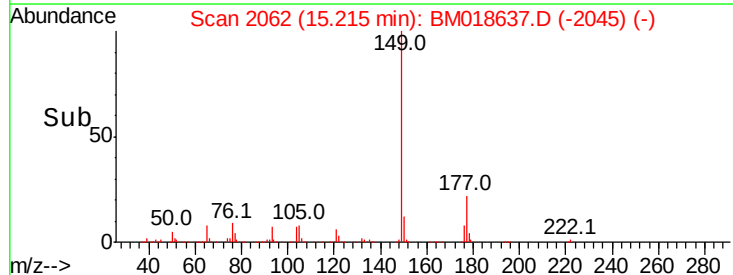
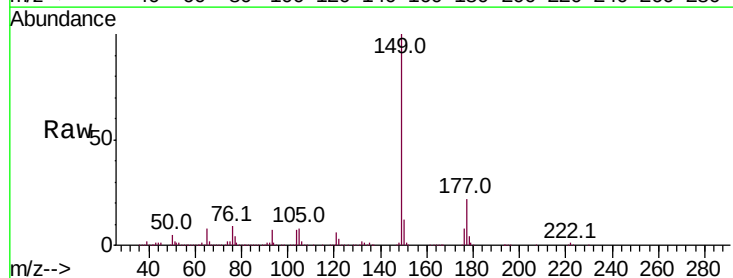
Manual Integrations
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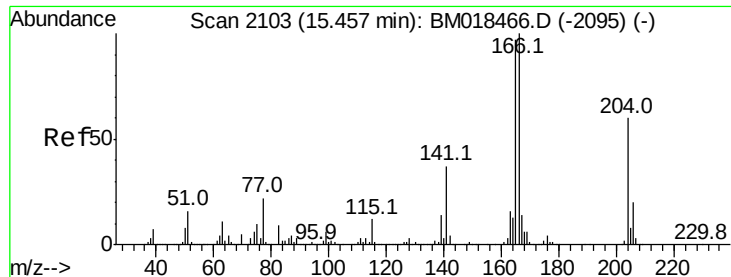
Sohil
1/21/2019 1:58:27 PM



#60
Diethylphthalate
Concen: 37.958 ng
RT: 15.22 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1449076		
177	22.2	17.1	25.7	
150	12.5	9.8	14.6	





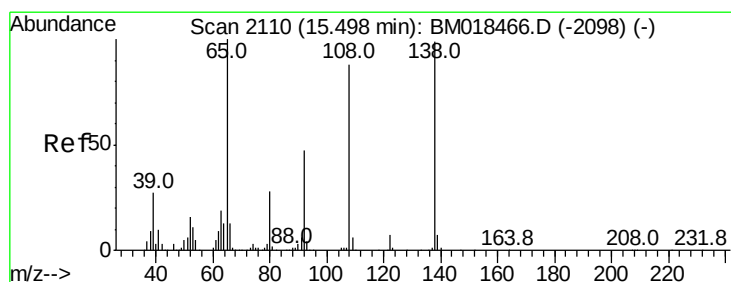
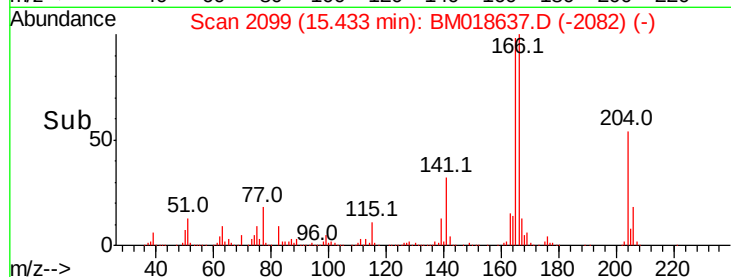
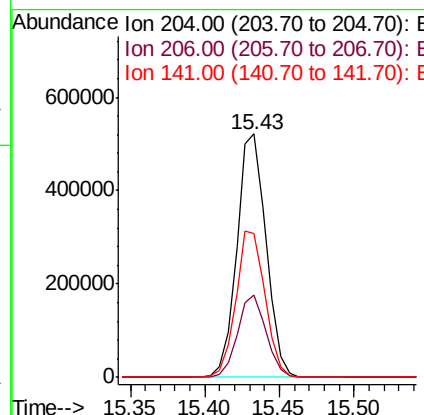
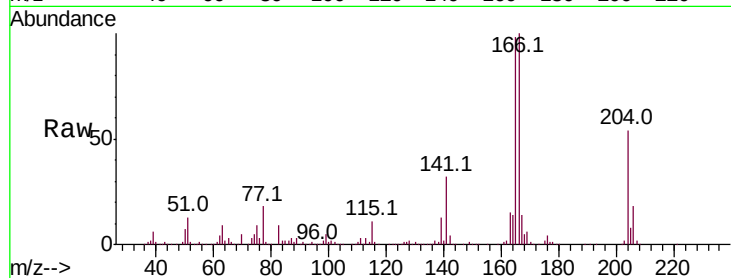
#61
4-Chlorophenyl-phenylether
Concen: 36.109 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.8	38.6
141	59.1	49.5	74.3

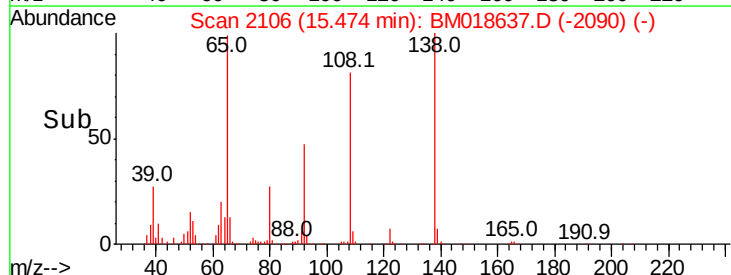
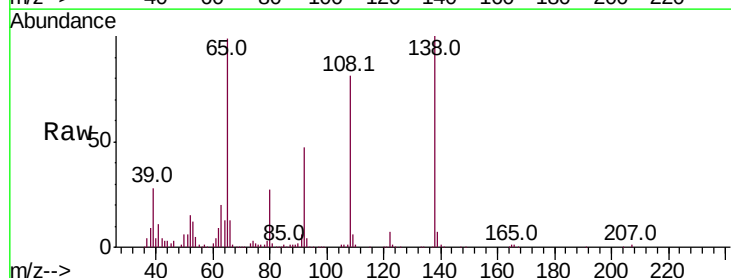
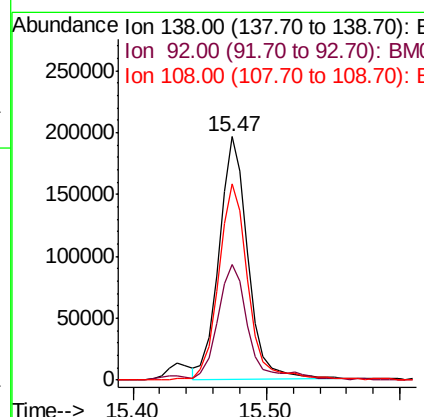
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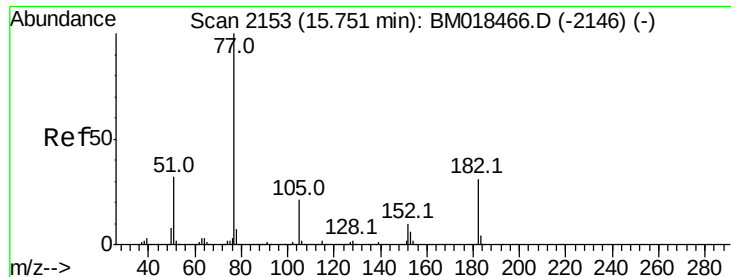
Sohil
1/21/2019 1:58:27 PM



#62
4-Nitroaniline
Concen: 33.744 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.0	69.0
108	80.6	63.9	103.9





#63

Azobenzene

Concen: 37.182 ng

RT: 15.73 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampled :

PB116472BS

Tot Ion: 77 Resp: 1157297

Ion Ratio Lower Upper

77 100

182 30.3 7.4 47.4

105 21.4 0.0 39.6

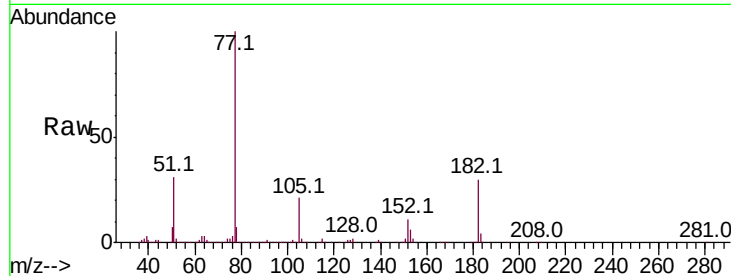
51 31.2 12.0 52.0

Manual Integrations

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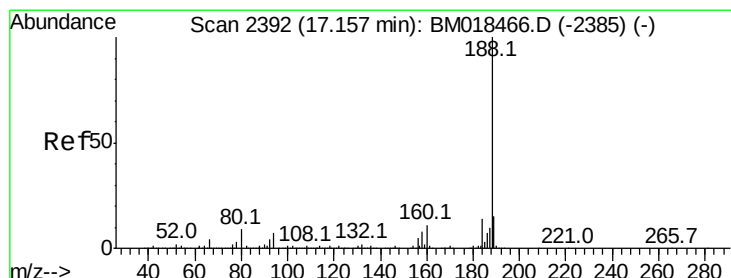
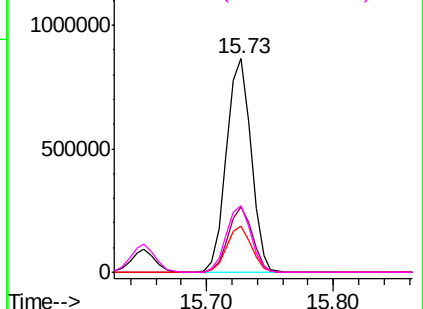
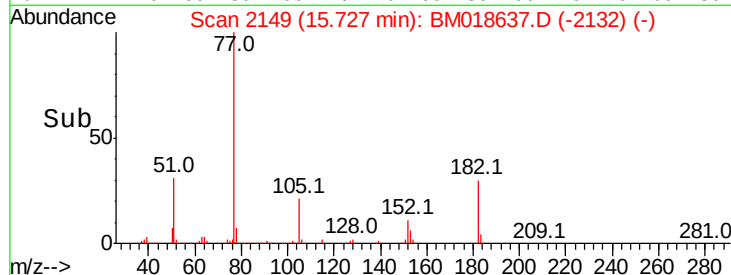


Abundance Ion 77.00 (76.70 to 77.70): BM018637.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM018637.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM018637.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM018637.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

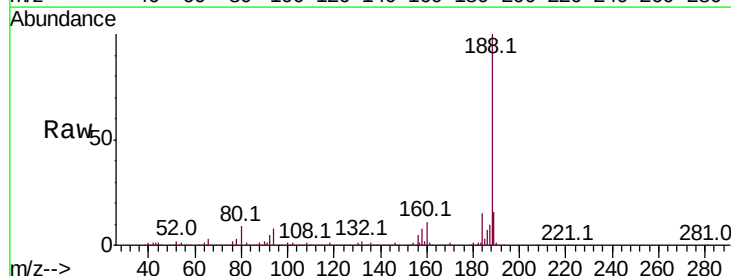
Tgt Ion: 188 Resp: 991891

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

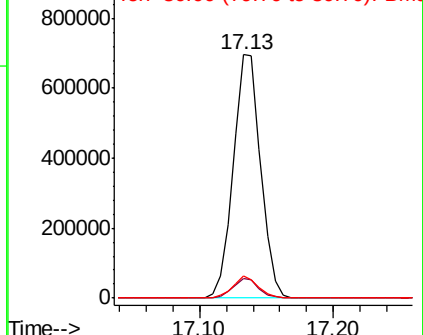
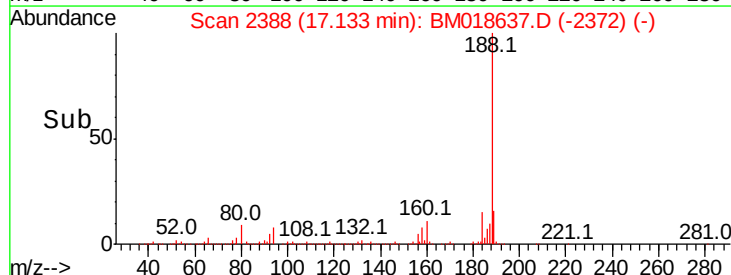
80 8.9 7.6 11.4

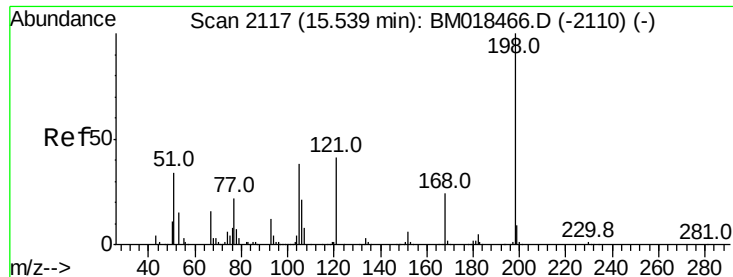


Abundance Ion 188.00 (187.70 to 188.70): BM018637.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BM018637.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BM018637.D (-2372) (-)





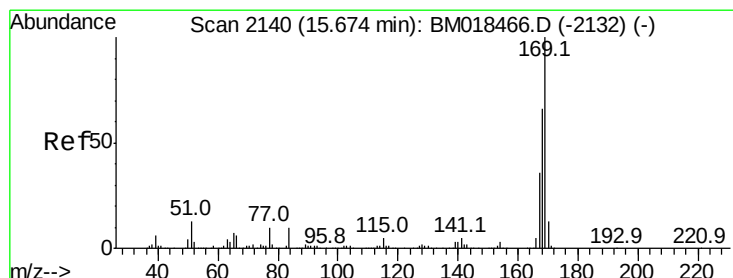
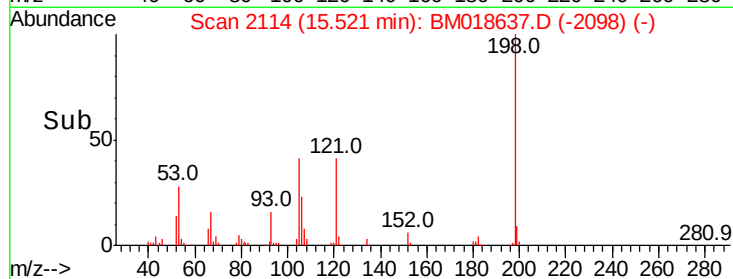
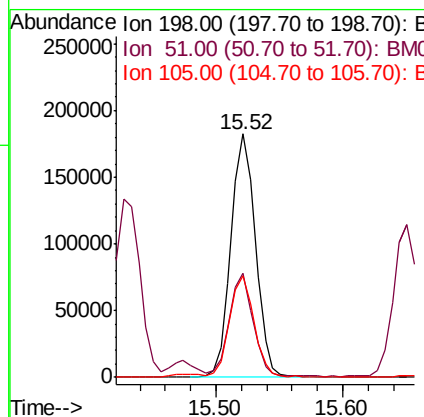
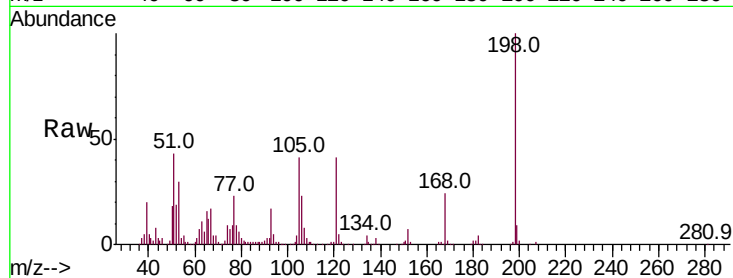
#65
4,6-Dinitro-2-methylphenol
Concen: 39.807 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	245117		
51	42.8	29.6	69.6	
105	41.5	25.5	65.5	

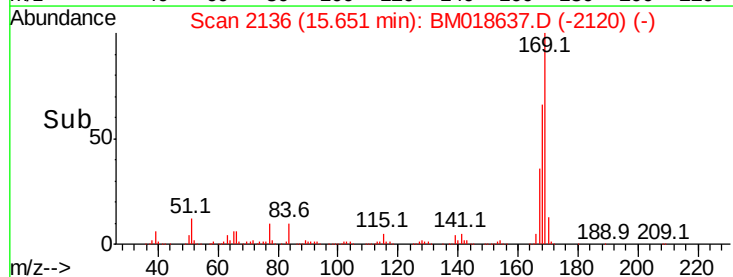
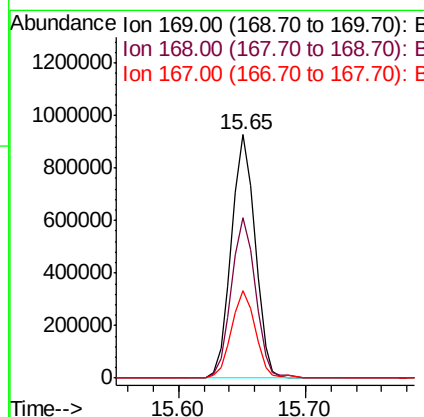
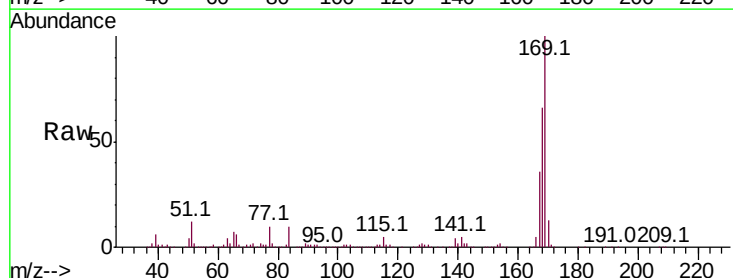
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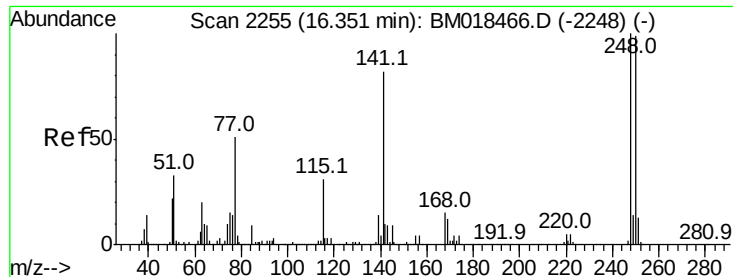
Sohil
1/21/2019 1:58:27 PM



#66
n-Nitrosodiphenylamine
Concen: 39.025 ng
RT: 15.65 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1200707		
168	65.9	54.1	81.1	
167	35.9	28.6	42.8	





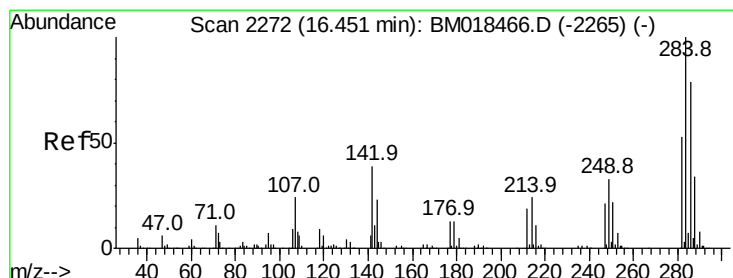
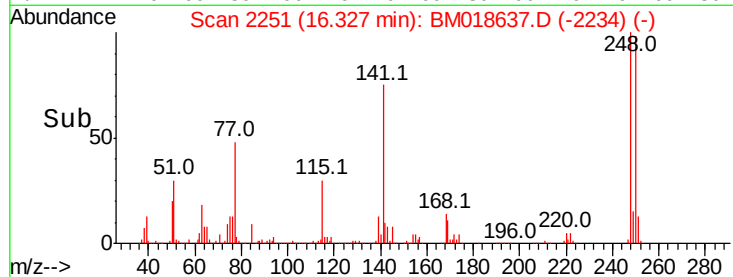
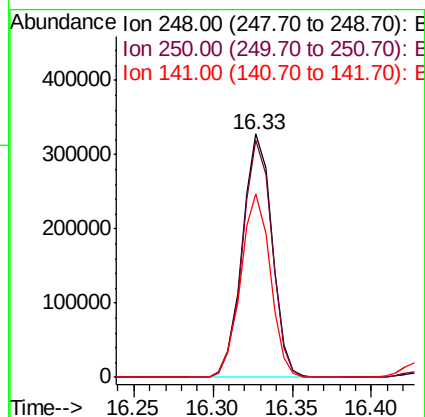
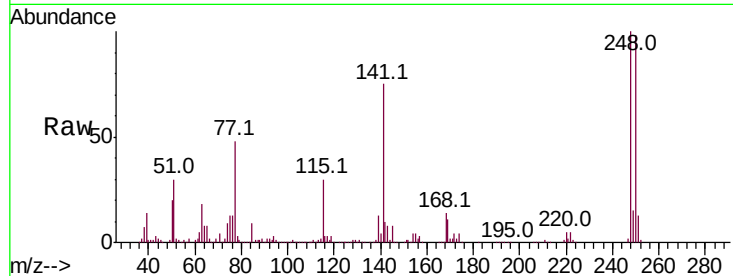
#67
4-Bromophenyl-phenylether
Concen: 38.435 ng
RT: 16.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.0	114.0
141	75.2	61.5	92.3

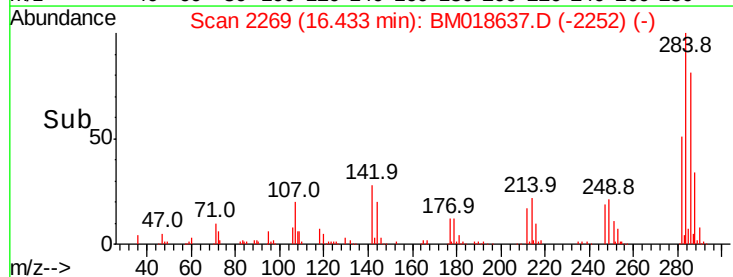
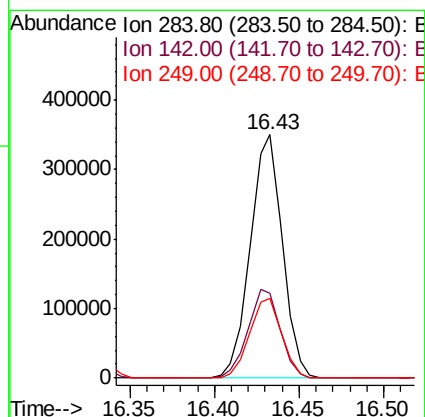
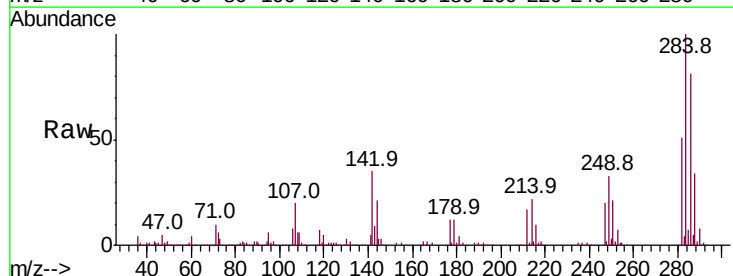
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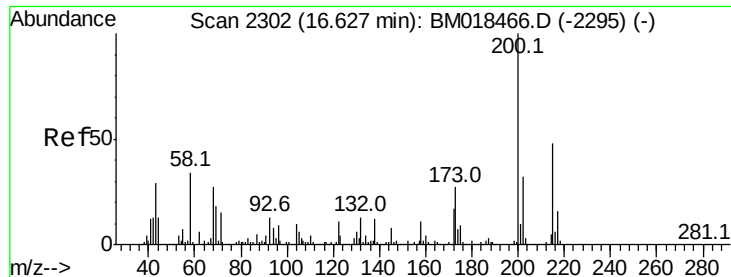
Sohil
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#68
Hexachlorobenzene
Concen: 37.413 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	29.2	43.8
249	32.7	26.1	39.1





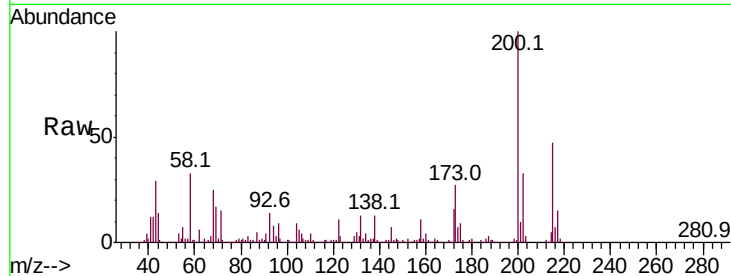
#69
Atrazine
Concen: 39.341 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	7.2	47.2	
215	47.1	28.3	68.3	

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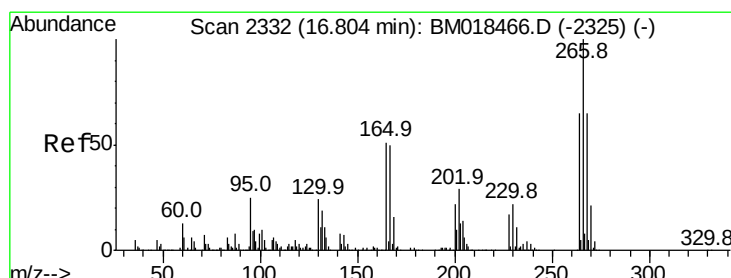
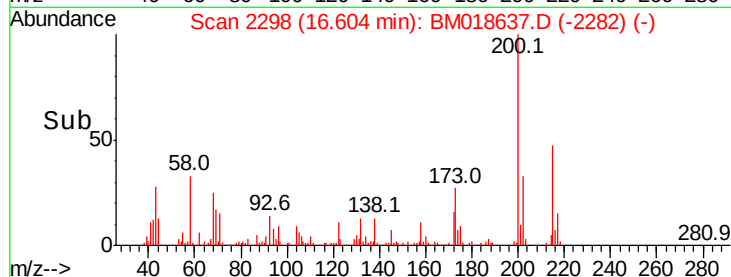
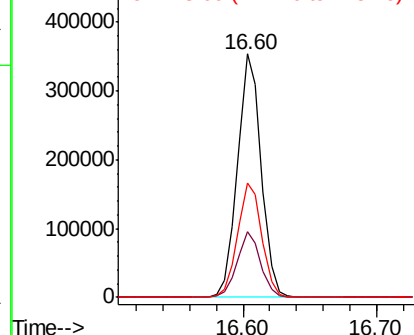


Abundance

Ion 200.00 (199.70 to 200.70): E

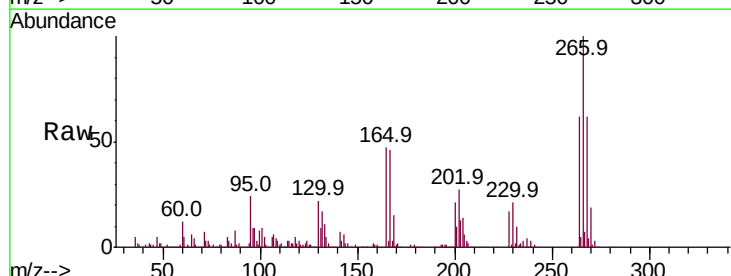
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 74.440 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.8	49.8	74.6	
264	62.2	50.1	75.1	

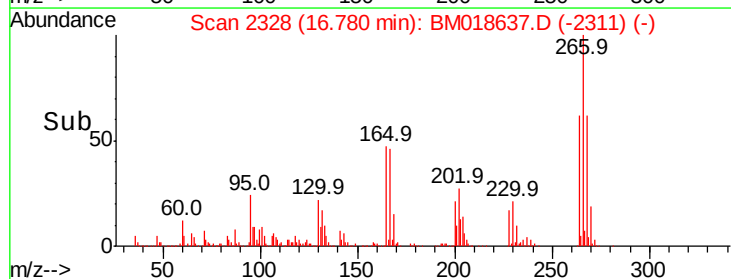
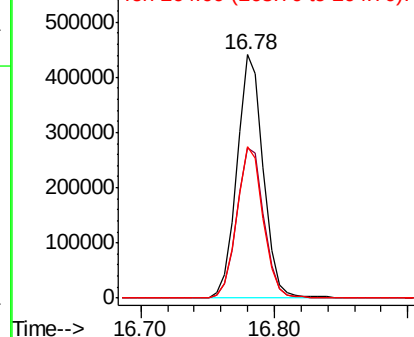


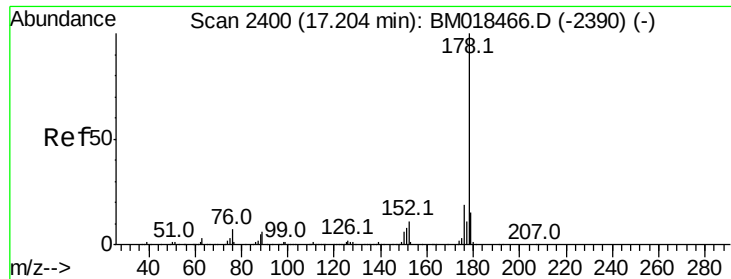
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





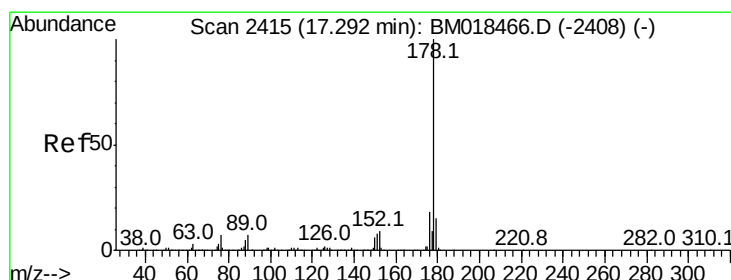
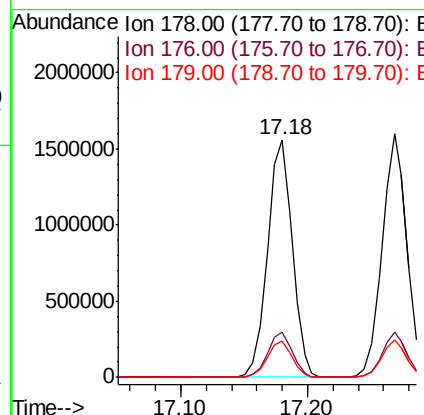
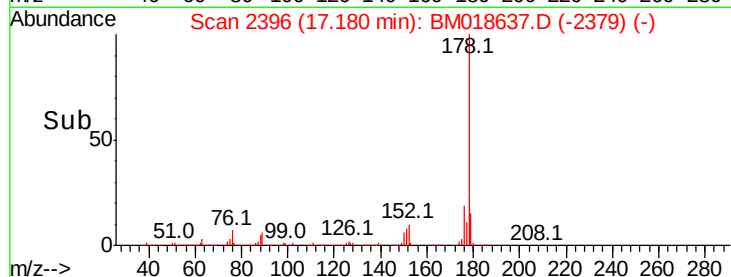
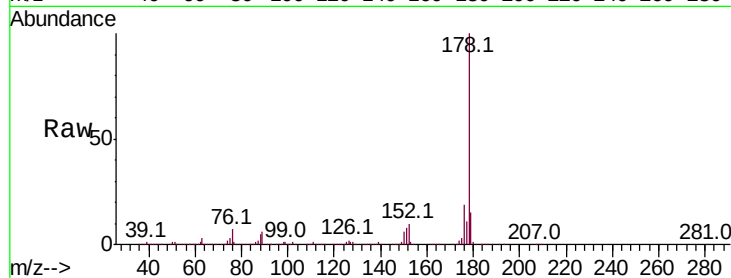
#71
Phenanthrene
Concen: 40.259 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion:178 Resp: 2123988
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4

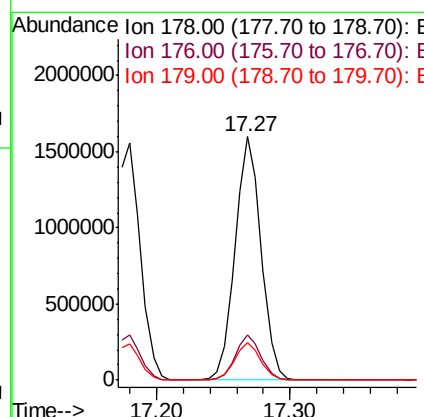
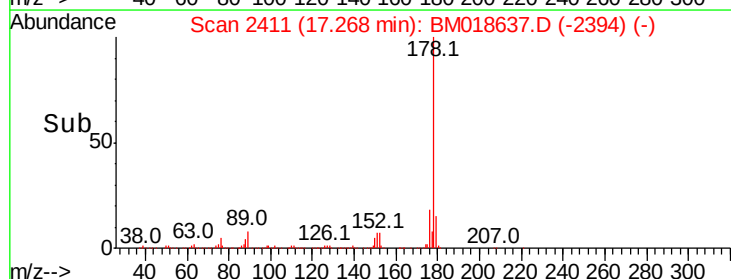
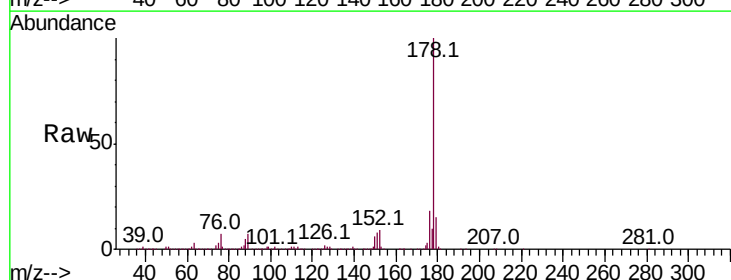
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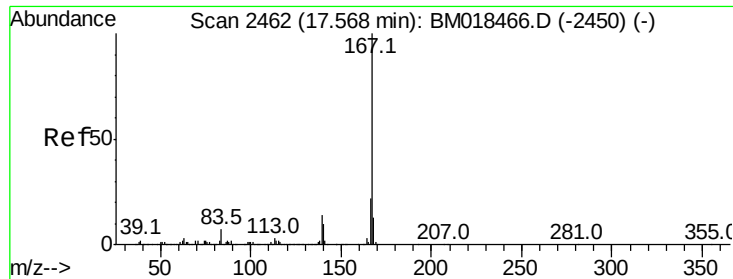
Sohil
1/21/2019 1:58:27 PM



#72
Anthracene
Concen: 42.685 ng
RT: 17.27 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:178 Resp: 2165536
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.2 12.2 18.4





#73

Carbazole

Concen: 37.150 ng

RT: 17.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

Tot Ion:167 Resp: 1936372

Ion Ratio Lower Upper

167 100

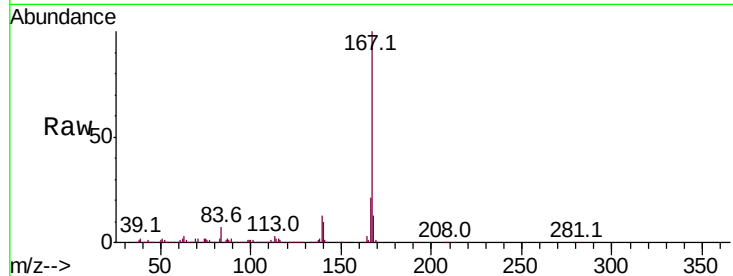
166 21.1 17.4 26.2

139 12.9 10.6 16.0

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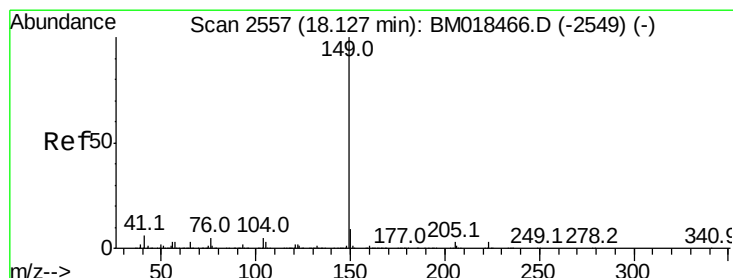
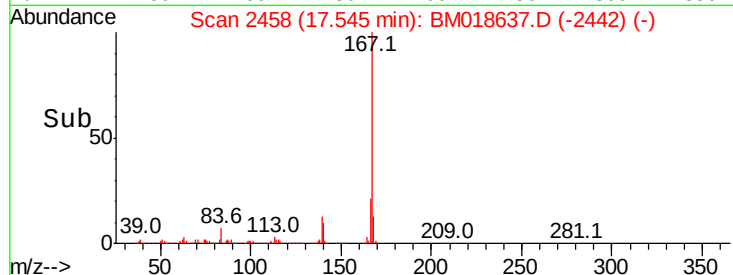
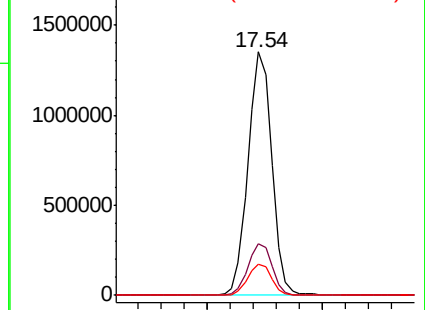
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.551 ng

RT: 18.10 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

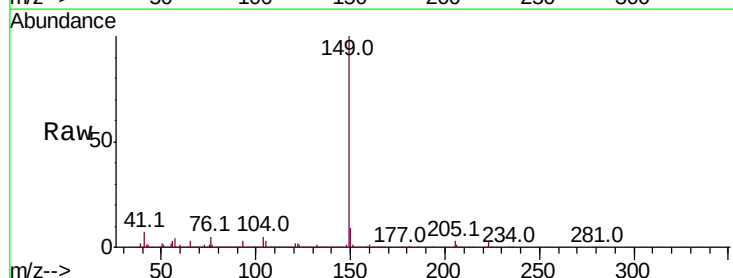
Tgt Ion:149 Resp: 2486482

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

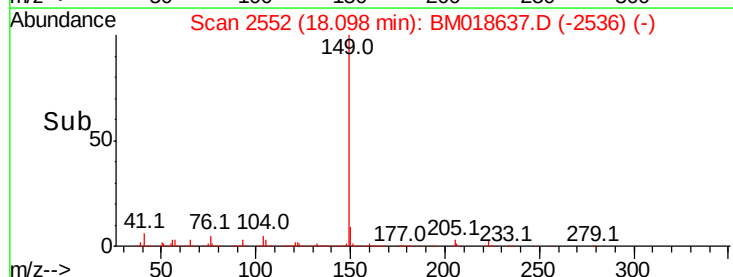
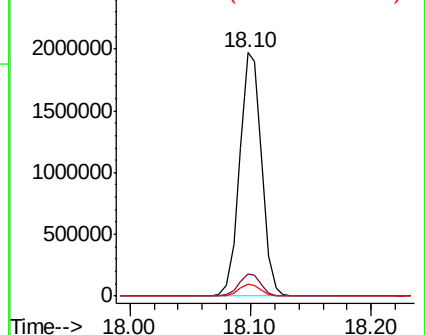
104 4.9 4.2 6.4

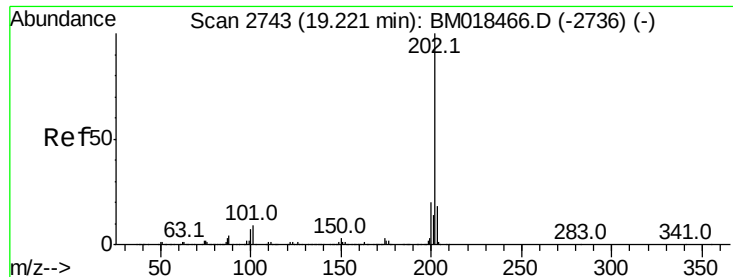


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.597 ng

RT: 19.20 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

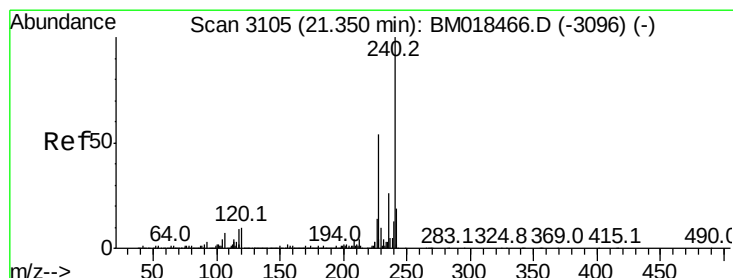
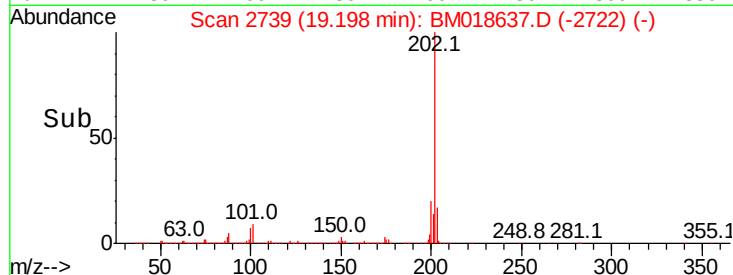
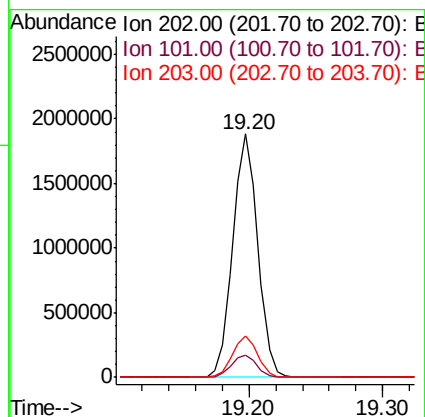
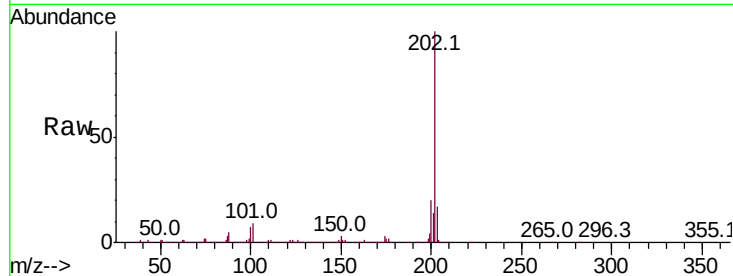
ClientSampleId :

PB116472BS

Tot Ion:	202	Resp:	2469345
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.9
203	17.1	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

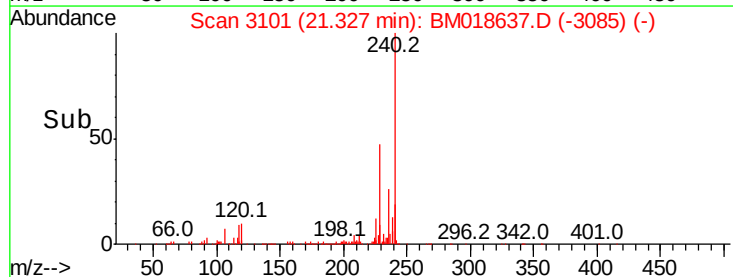
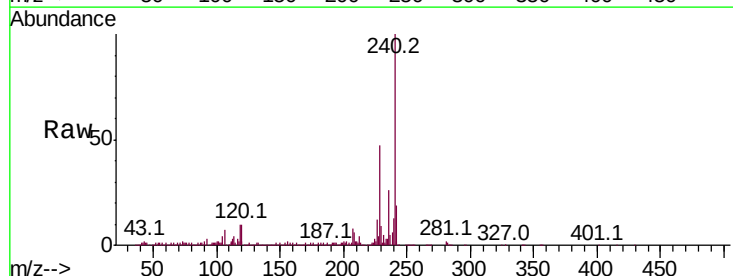
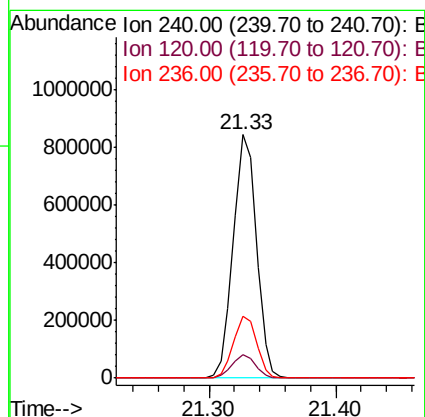
RT: 21.33 min Scan# 3101

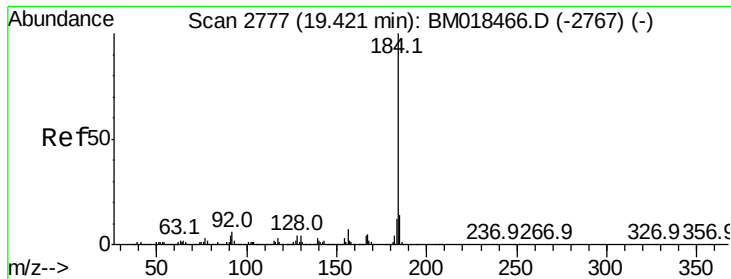
Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	240	Resp:	1067557
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 32.446 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

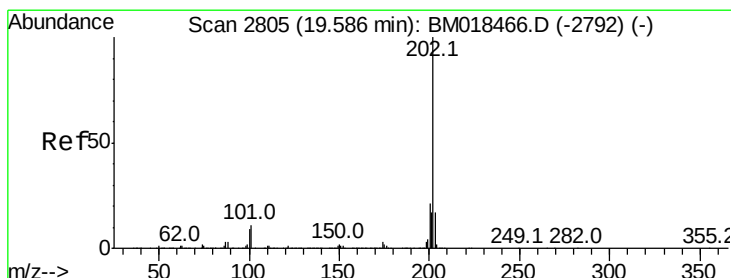
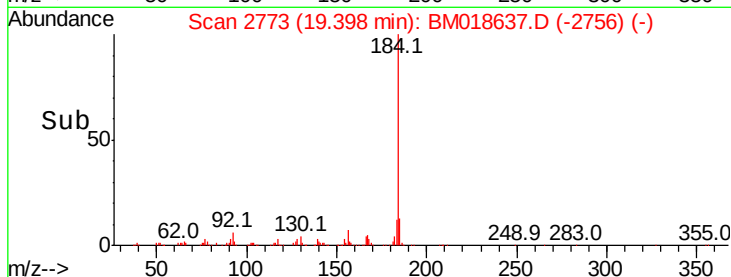
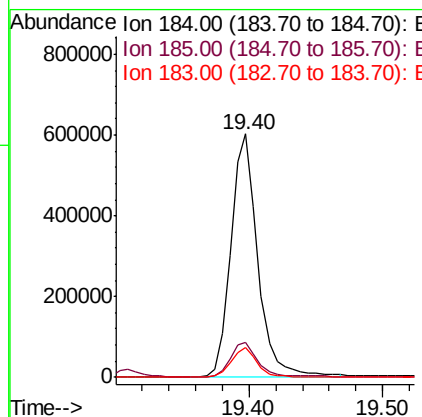
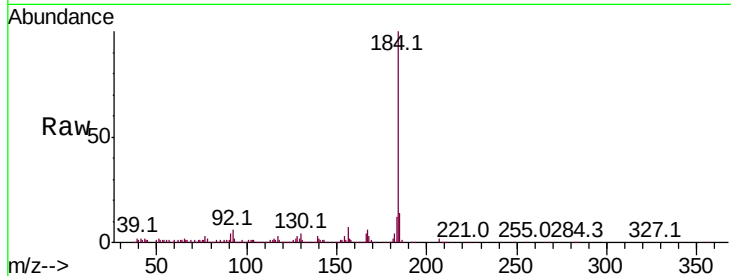
ClientSampleId :

PB116472BS

Tot Ion:	184	Resp:	855253
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.0
183	12.1	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 40.035 ng

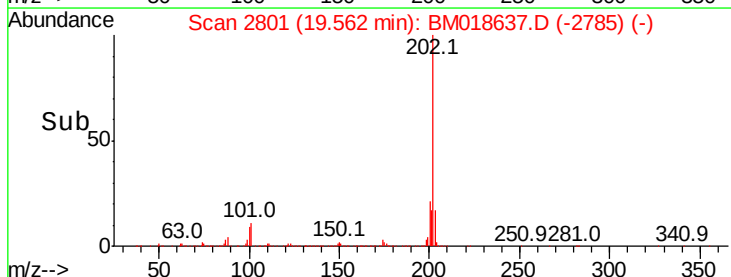
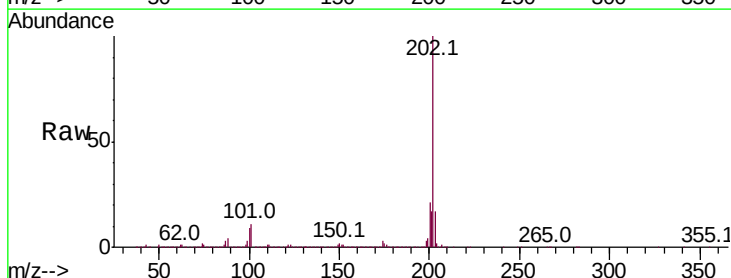
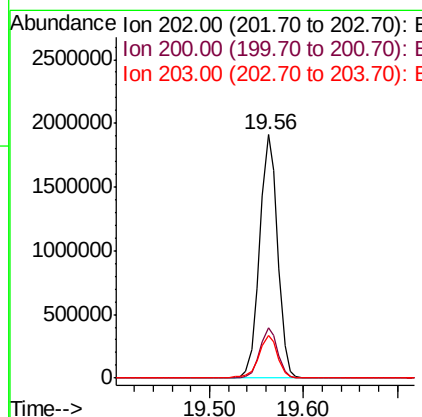
RT: 19.56 min Scan# 2801

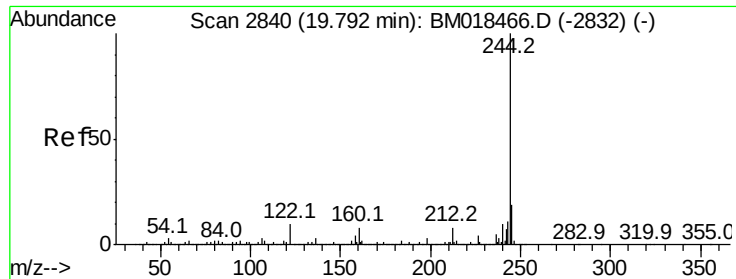
Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	202	Resp:	2533362
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	17.4	13.8	20.8





#79

Terphenyl-d14

Concen: 81.997 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

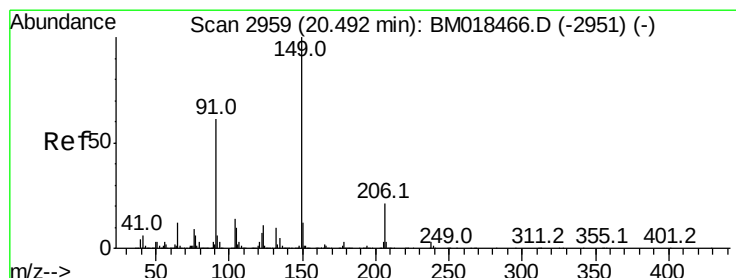
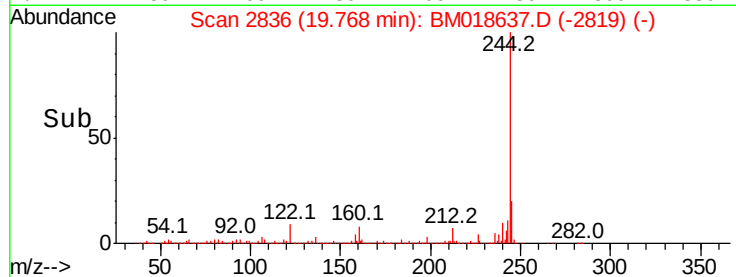
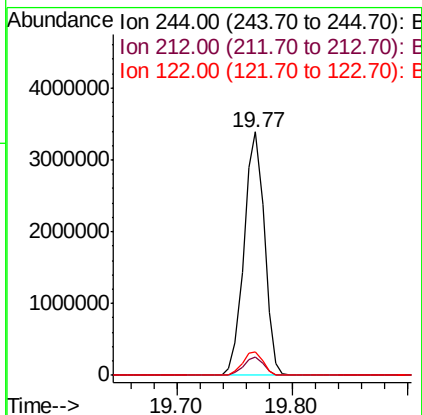
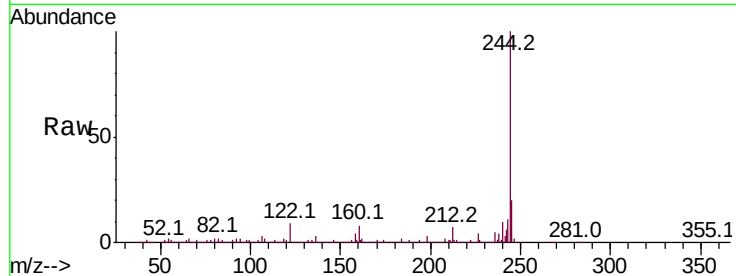
ClientSampleId :

PB116472BS

Tot Ion:	244	Resp:	4152515
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.5	9.0	13.4

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 43.570 ng

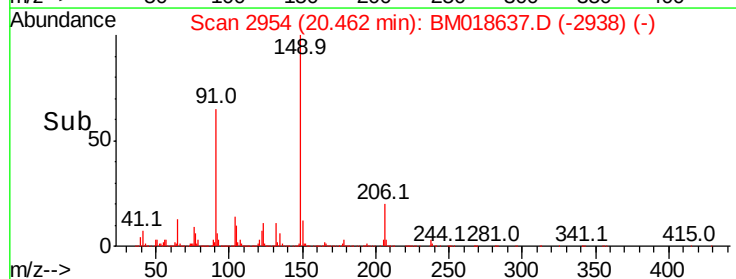
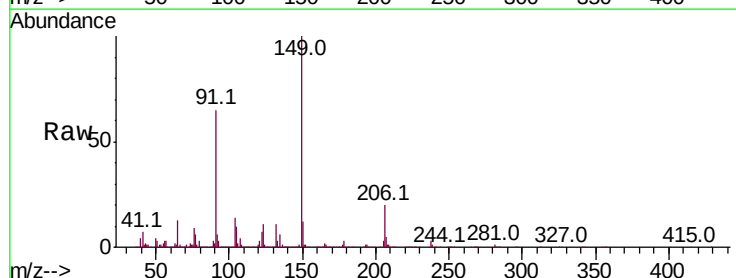
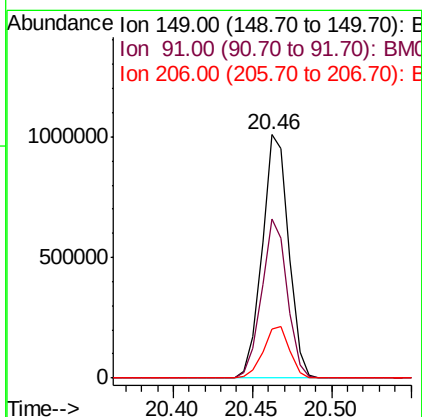
RT: 20.46 min Scan# 2954

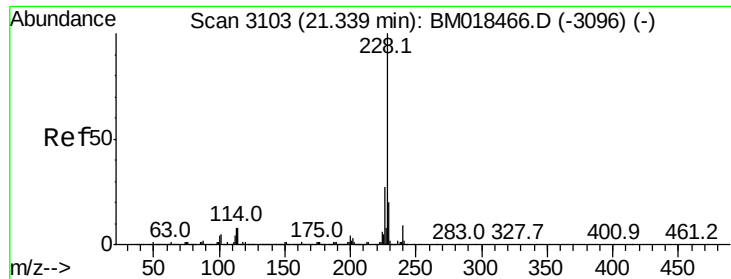
Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	149	Resp:	1176468
Ion	Ratio	Lower	Upper
149	100		
91	65.2	53.1	79.7
206	20.3	16.2	24.4





#81

Benzo(a)anthracene

Concen: 41.289 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampled :

PB116472BS

Tot Ion:228 Resp: 2596736

Ion Ratio Lower Upper

228 100

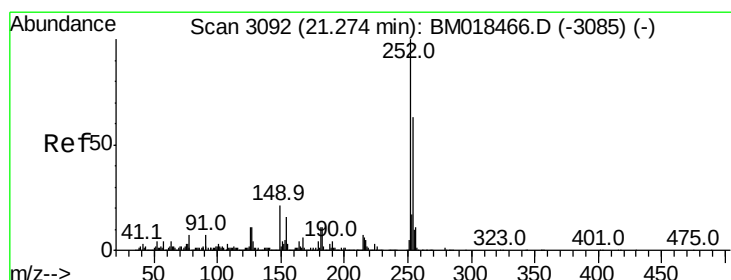
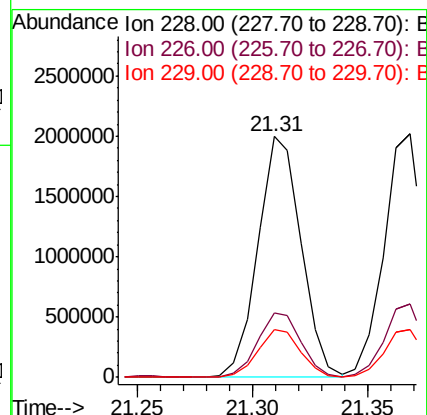
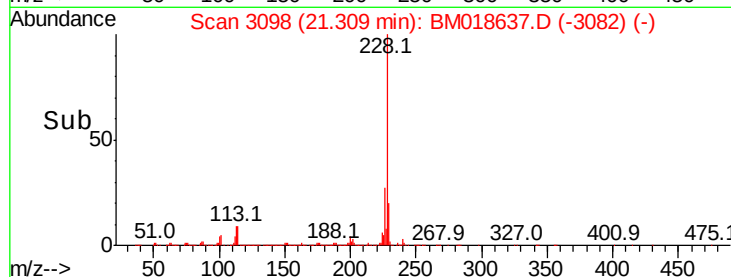
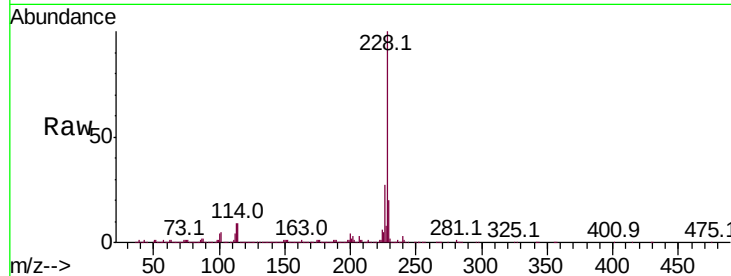
226 26.6 21.8 32.6

229 19.9 15.8 23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.169 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

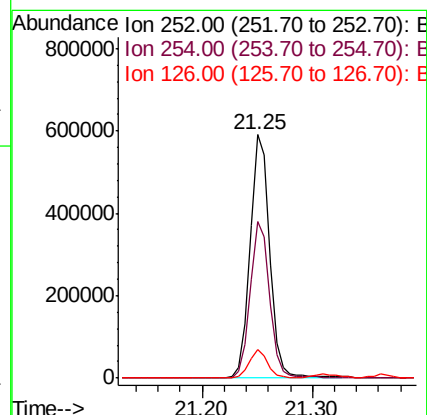
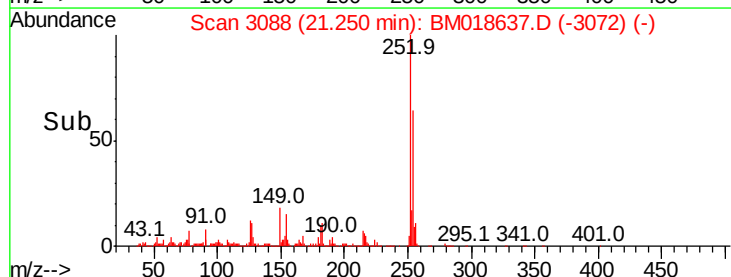
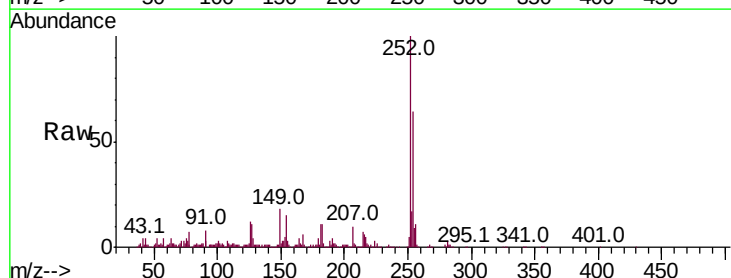
Tgt Ion:252 Resp: 741272

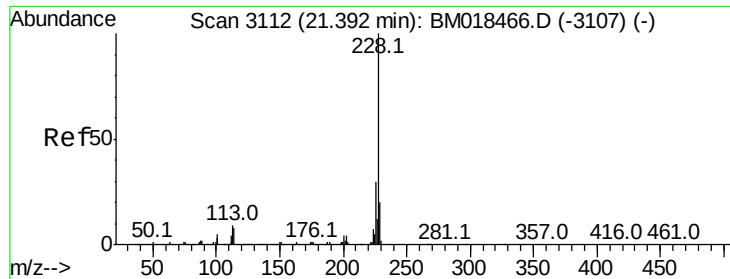
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

126 11.7 8.7 13.1





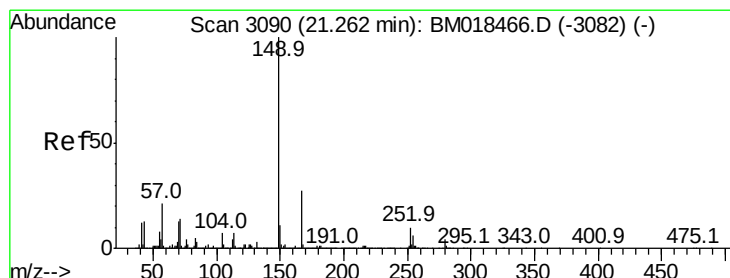
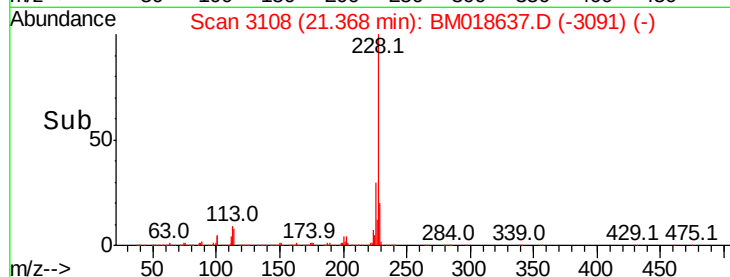
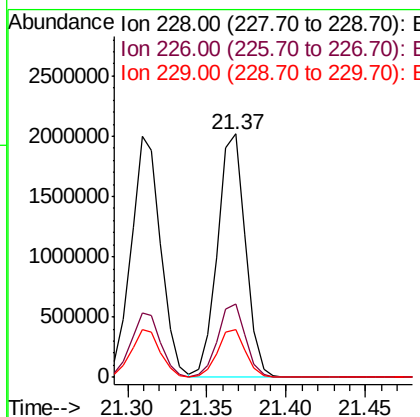
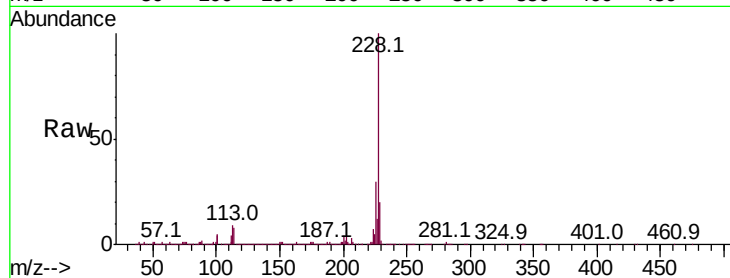
#83
 Chrysene
 Concen: 40.532 ng
 RT: 21.37 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Instrument :
 BNA_M
 ClientSampled :
 PB116472BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.6	15.6	23.4

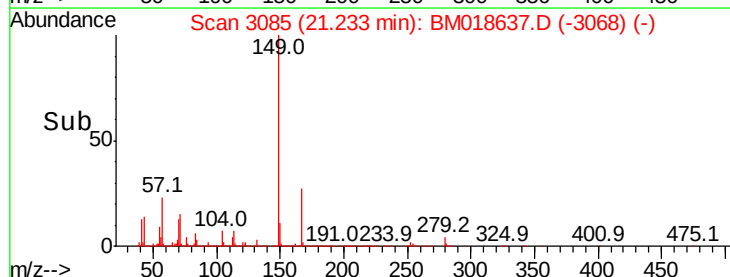
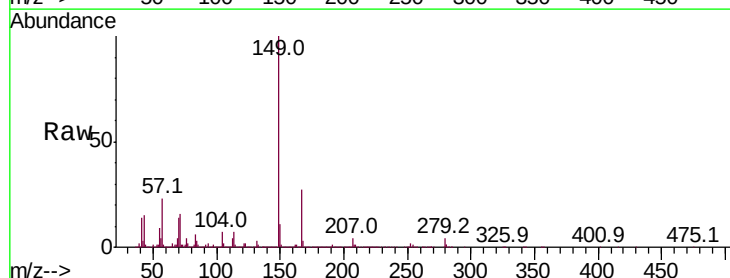
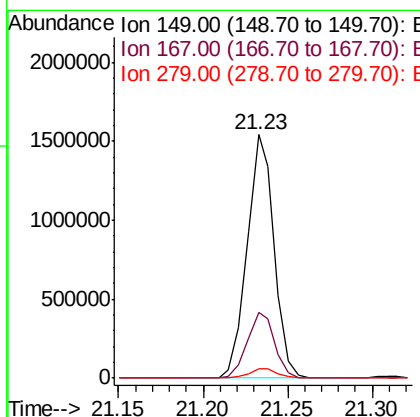
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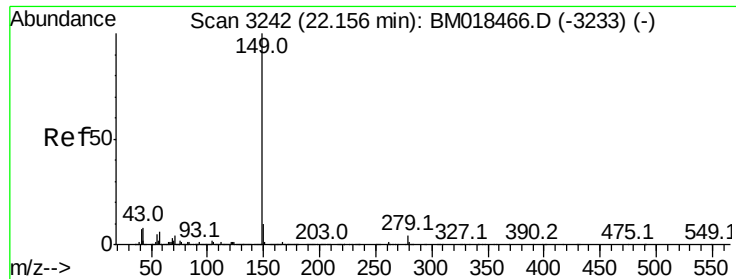
Sohil
 1/21/2019 1:58:27 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.577 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.6	32.4
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 46.883 ng

RT: 22.12 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

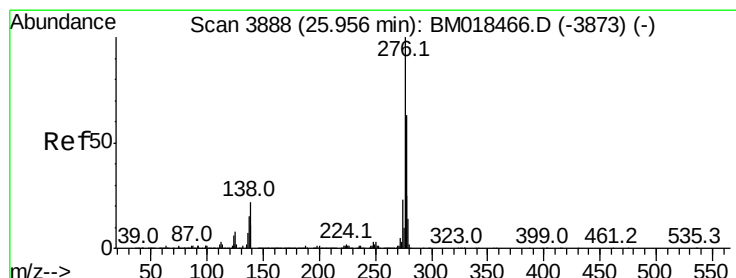
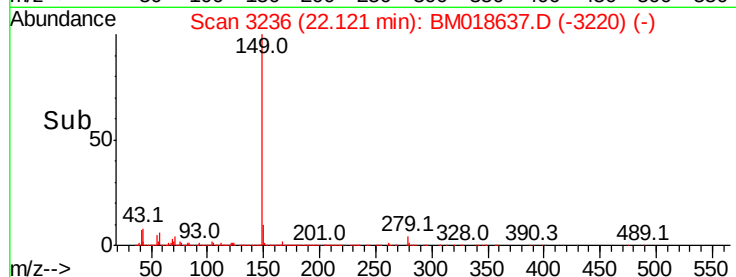
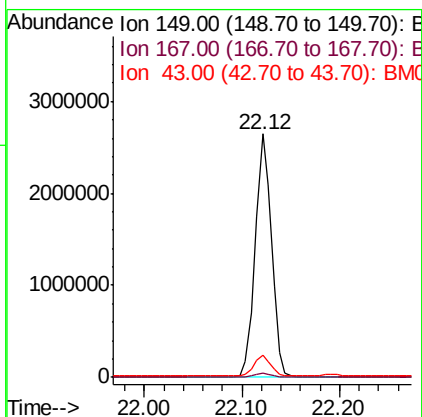
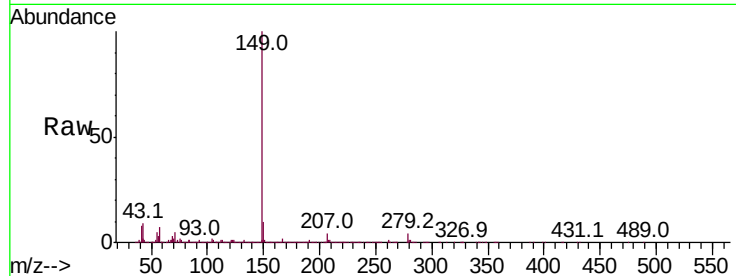
ClientSampleId :

PB116472BS

Tot Ion:	149	Resp:	3074553
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.3	8.6	12.8#

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 47.811 ng

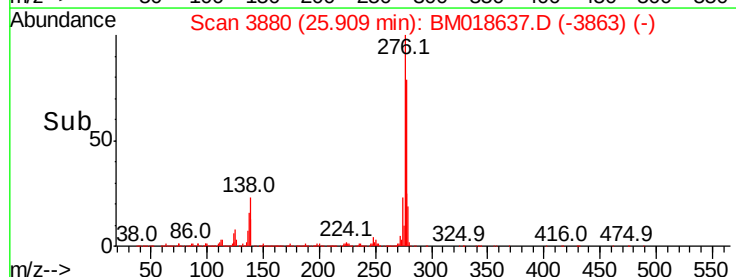
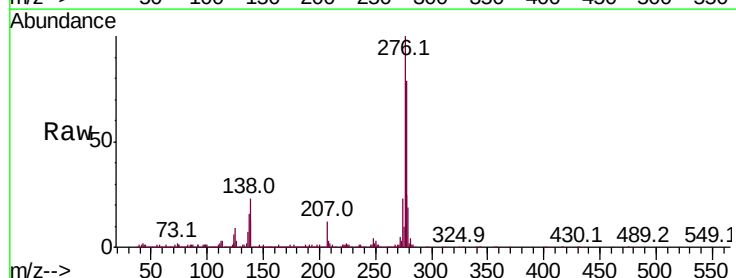
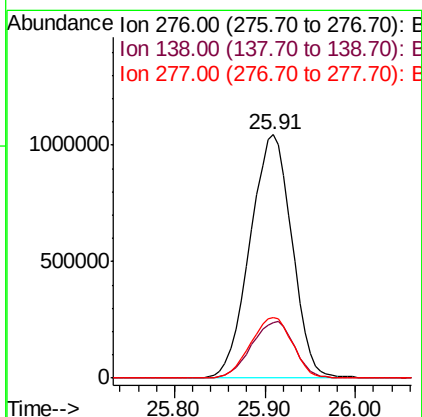
RT: 25.91 min Scan# 3880

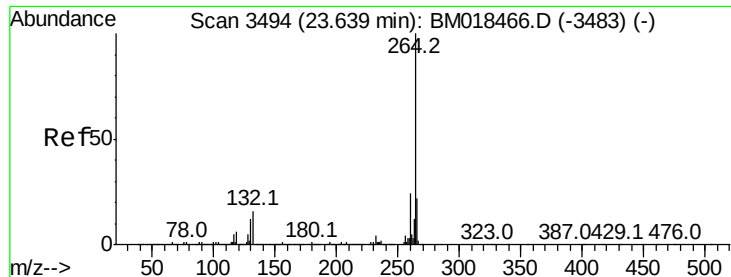
Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:	276	Resp:	3348214
Ion Ratio	Lower	Upper	
276	100		
138	23.7	21.5	32.3
277	25.1	20.2	30.2





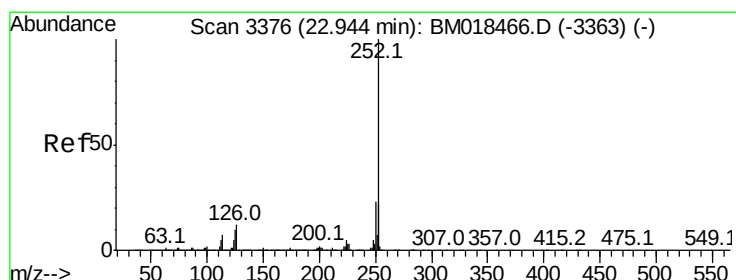
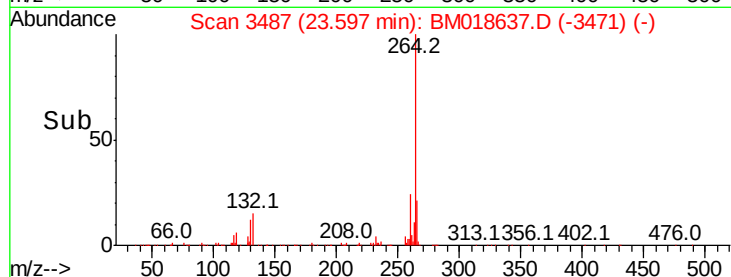
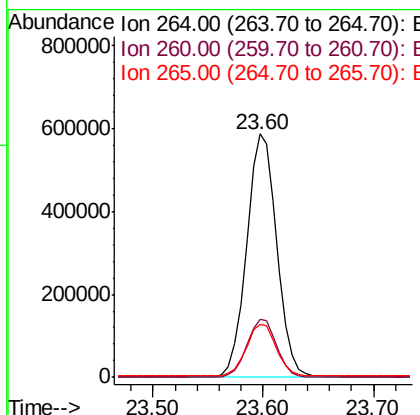
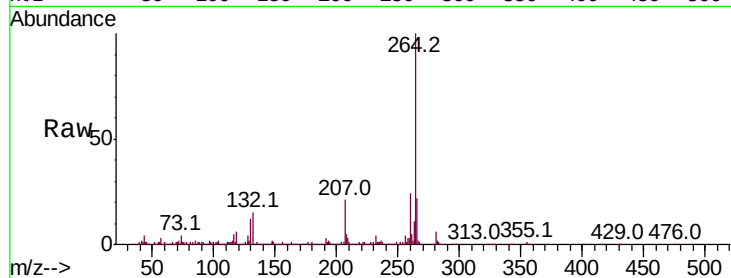
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	16.8	25.2

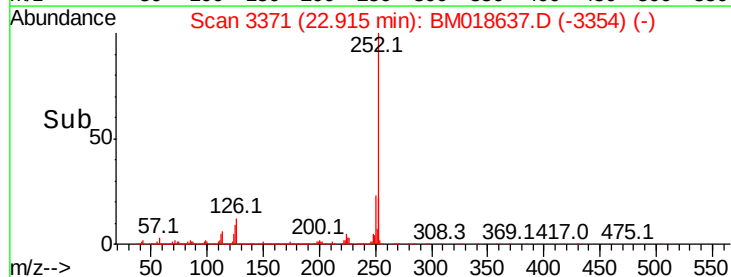
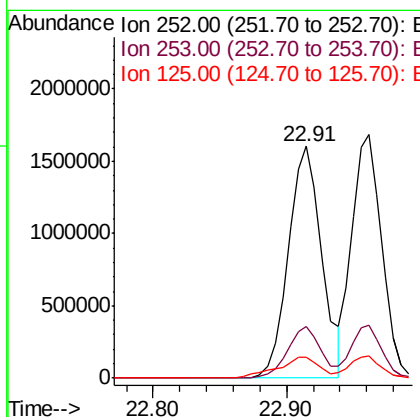
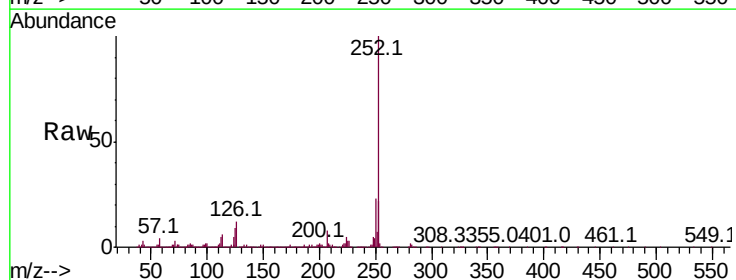
Manual Integrations
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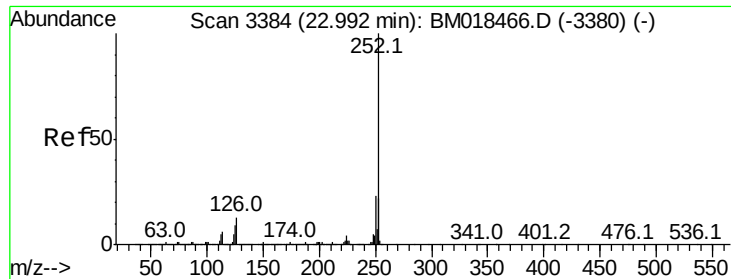
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#88
Benzo(b)fluoranthene
Concen: 43.403 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.1	8.5	12.7





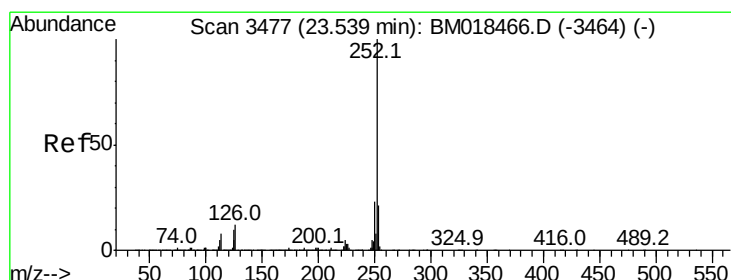
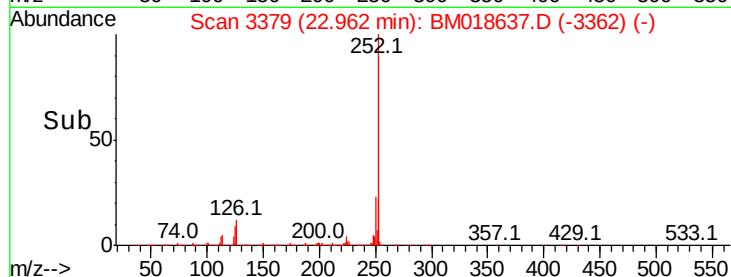
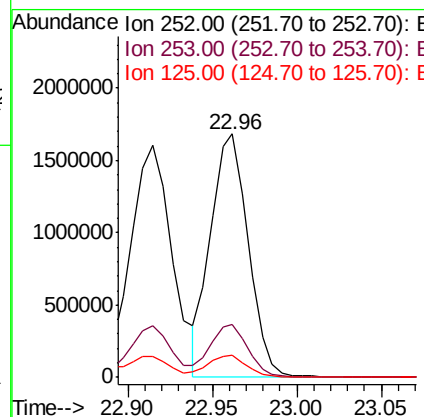
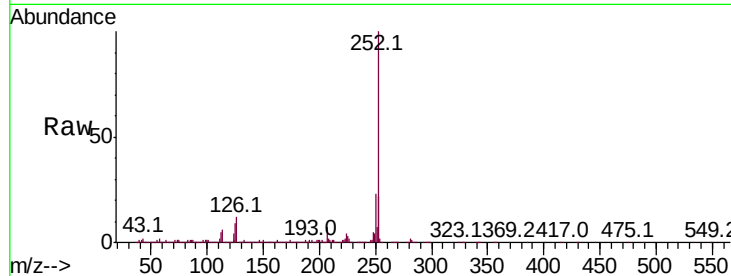
#89
Benzo(k)fluoranthene
Concen: 40.283 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.9	8.6	12.8

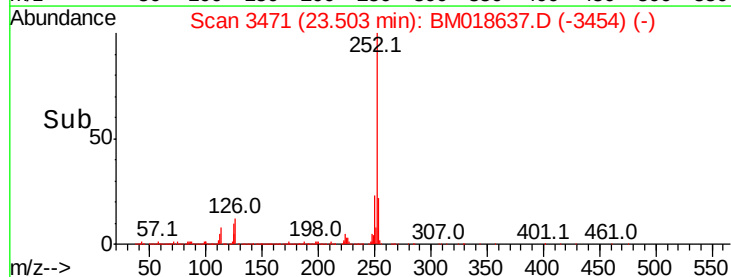
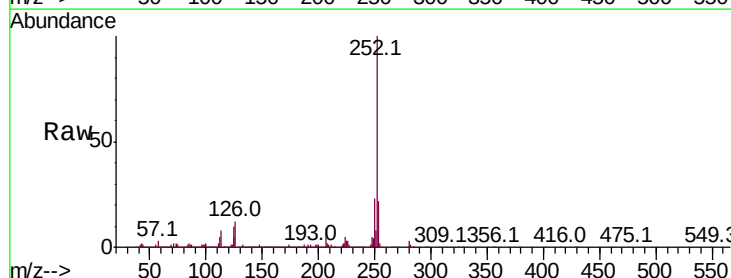
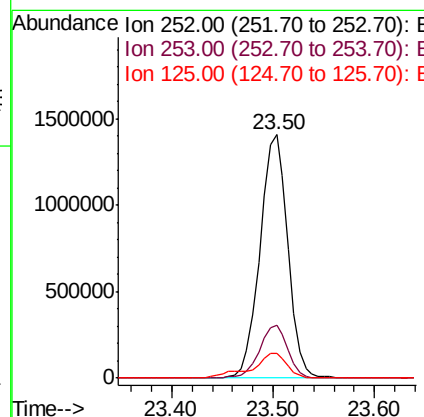
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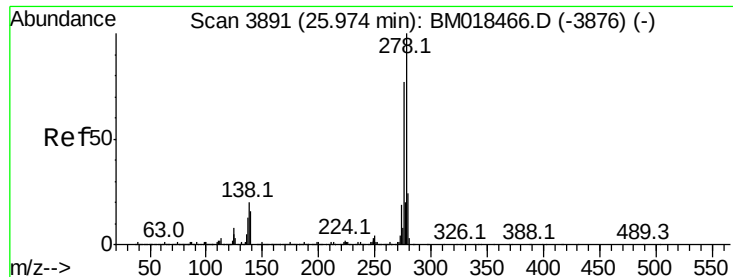
Sohil
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#90
Benzo(a)pyrene
Concen: 43.968 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.1	9.7	14.5





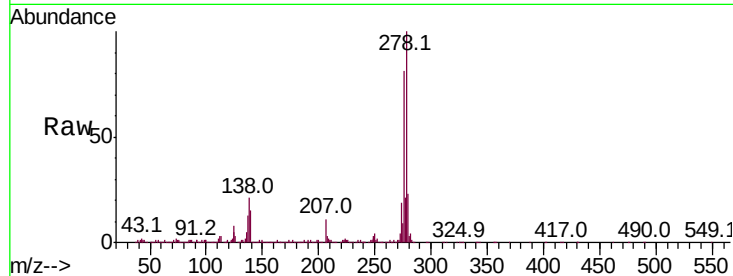
#91
Dibenzo(a,h)anthracene
Concen: 45.675 ng
RT: 25.92 min Scan# 3882
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.2	19.8
279	22.8	19.0	28.4

Manual Integrations
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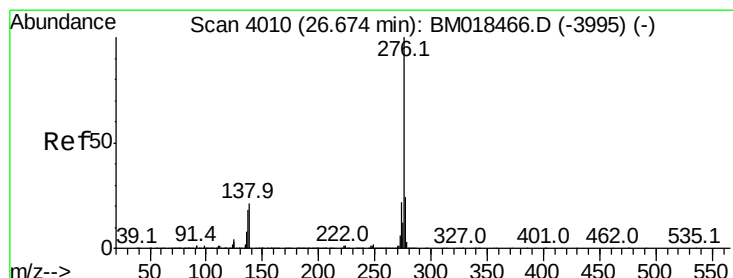
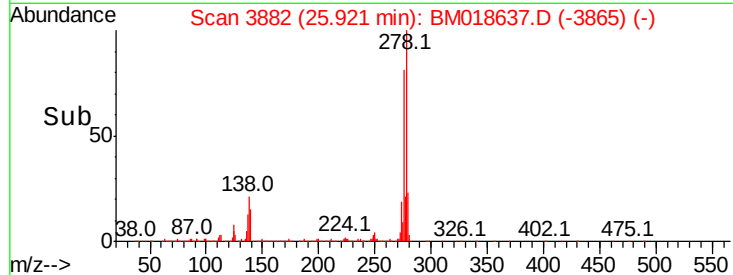
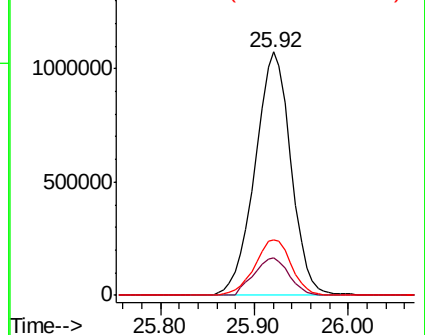


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.541 ng
RT: 26.61 min Scan# 4000
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	19.5	18.1	27.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

