

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017640.D
 Acq On : 14 Nov 2018 02:51
 Operator : MJ/SJ
 Sample : PB114777BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Manual Integrations
 APPROVED

Sohil
 11/14/2018 5:18:18 PM

Quant Time: Nov 14 11:08:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	209120	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	879910	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	528879	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1211372	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1222156	20.00	ng	0.00
87) Perylene-d12	23.40	264	1013268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1807566	145.87	ng	0.00
7) Phenol-d6	6.81	99	2389680	138.08	ng	0.00
23) Nitrobenzene-d5	8.77	82	1125773	66.05	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1070557	140.88	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2652897	65.08	ng	0.00
79) Terphenyl-d14	19.66	244	4075757	75.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	190298	36.875	ng	99
3) Pyridine	3.61	79	558788	36.914	ng	98
4) n-Nitrosodimethylamine	3.53	42	310966	46.634	ng	93
6) Aniline	6.96	93	820190	38.217	ng	98
8) 2-Chlorophenol	7.19	128	683257	46.074	ng	99
9) Benzaldehyde	6.77	77	404021	32.048	ng	97
10) Phenol	6.83	94	835370	45.988	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	589727	41.125	ng	98
12) 1,3-Dichlorobenzene	7.50	146	683860	41.103	ng	98
13) 1,4-Dichlorobenzene	7.65	146	702734	41.207	ng	99
14) 1,2-Dichlorobenzene	7.96	146	681314	41.202	ng	98
15) Benzyl Alcohol	7.86	79	600167	43.547	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	892420	40.875	ng	99
17) 2-Methylphenol	8.06	107	559985	45.761	ng	99
18) Hexachloroethane	8.67	117	257295	42.807	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	503315	40.504	ng	97
20) 3+4-Methylphenols	8.39	107	762947	44.874	ng	97
22) Acetophenone	8.44	105	977766	44.523	ng	# 99
24) Nitrobenzene	8.81	77	762550	44.096	ng	100
25) Isophorone	9.33	82	1318818	50.097	ng	99
26) 2-Nitrophenol	9.51	139	359737	45.163	ng	97
27) 2,4-Dimethylphenol	9.58	122	621991	54.182	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	837589	46.977	ng	97
29) 2,4-Dichlorophenol	10.05	162	654348	49.103	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	679759	43.858	ng	96
31) Naphthalene	10.43	128	2064079	47.711	ng	100
32) Benzoic acid	9.75	122	444198m	42.716	ng	
33) 4-Chloroaniline	10.56	127	446814	23.583	ng	98
34) Hexachlorobutadiene	10.71	225	407829	42.386	ng	100
35) Caprolactam	11.36	113	198630m	40.475	ng	
36) 4-Chloro-3-methylphenol	11.69	107	720486	46.829	ng	99
37) 2-Methylnaphthalene	12.06	142	1542462	50.446	ng	99
38) 1-Methylnaphthalene	12.28	142	1462058	48.767	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	790499	42.387	ng	98

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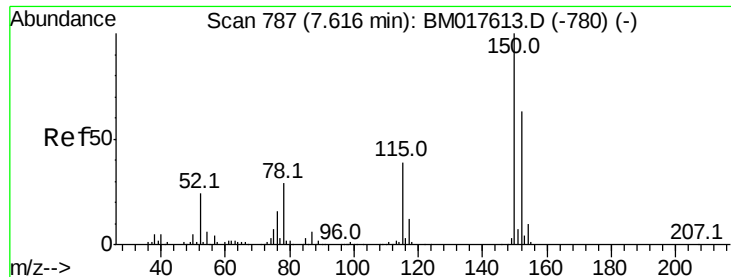
Manual Integrations
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 11/14/2018 5:18:18 PM

Quant Time: Nov 14 11:08:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1090547	113.163	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	543072	46.490	ng	95
44) 2,4,5-Trichlorophenol	12.75	196	581519	47.147	ng	99
46) 1,1'-Biphenyl	13.09	154	1980768	41.724	ng	99
47) 2-Chloronaphthalene	13.12	162	1541521	43.748	ng	98
48) 2-Nitroaniline	13.34	65	491899	45.140	ng	99
49) Acenaphthylene	13.98	152	2520728	47.614	ng	100
50) Dimethylphthalate	13.73	163	1936543	45.036	ng	99
51) 2,6-Dinitrotoluene	13.85	165	441285	46.087	ng	97
52) Acenaphthene	14.33	154	1467216	45.159	ng	100
53) 3-Nitroaniline	14.19	138	324092	31.089	ng	98
54) 2,4-Dinitrophenol	14.40	184	529164	89.585	ng	98
55) Dibenzofuran	14.66	168	2381630	44.856	ng	99
56) 4-Nitrophenol	14.50	139	732992	83.424	ng	98
57) 2,4-Dinitrotoluene	14.65	165	614031	47.574	ng	98
58) Fluorene	15.32	166	1953832	48.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	545254	48.062	ng	98
60) Diethylphthalate	15.10	149	1981332	42.645	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	994392	43.059	ng	99
62) 4-Nitroaniline	15.36	138	420197	42.769	ng	97
63) Azobenzene	15.61	77	1928448	44.900	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	355843	42.404	ng	94
66) n-Nitrosodiphenylamine	15.53	169	1718794	44.132	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	617686	43.114	ng	97
68) Hexachlorobenzene	16.32	284	694705	43.013	ng	98
69) Atrazine	16.50	200	623869	43.552	ng	98
70) Pentachlorophenol	16.67	266	882576	77.990	ng	98
71) Phenanthrene	17.06	178	3073546	46.759	ng	99
72) Anthracene	17.14	178	3142508	49.130	ng	100
73) Carbazole	17.43	167	2812868	43.520	ng	99
74) Di-n-butylphthalate	17.99	149	3370670	46.848	ng	99
75) Fluoranthene	19.08	202	3526672	47.419	ng	99
77) Benzidine	19.28	184	2173030	54.601	ng	100
78) Pyrene	19.44	202	3637638	48.239	ng	100
80) Butylbenzylphthalate	20.36	149	1500528	48.992	ng	97
81) Benzo(a)anthracene	21.20	228	3360816	47.732	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	834025	30.691	ng	99
83) Chrysene	21.25	228	3156543	46.157	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2107411	46.544	ng	100
85) Di-n-octyl phthalate	22.01	149	3465087	47.793	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2748741	50.298	ng	100
88) Benzo(b)fluoranthene	22.75	252	2928064	49.344	ng	99
89) Benzo(k)fluoranthene	22.80	252	2894637	48.262	ng	99
90) Benzo(a)pyrene	23.31	252	2725882	50.380	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2319491	50.992	ng	98
92) Benzo(g,h,i)perylene	26.26	276	2231232	52.162	ng	99

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



#1

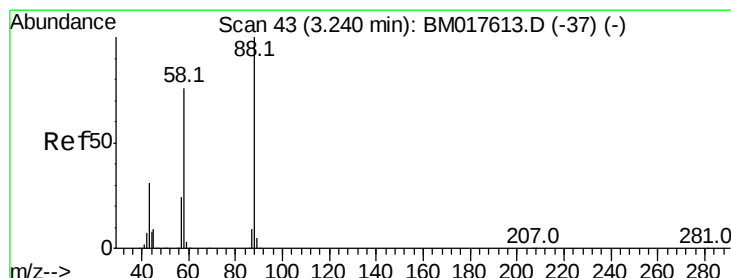
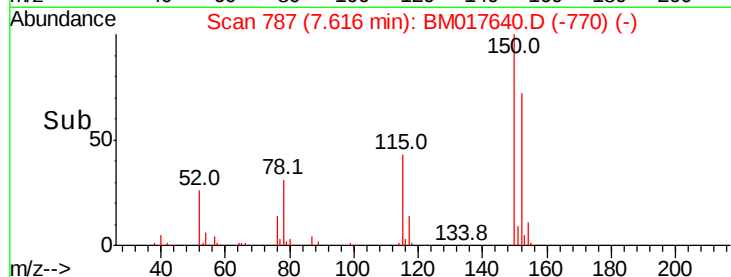
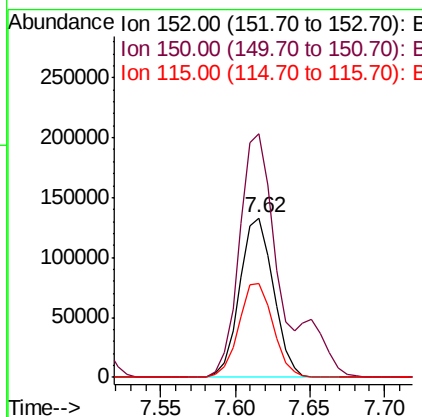
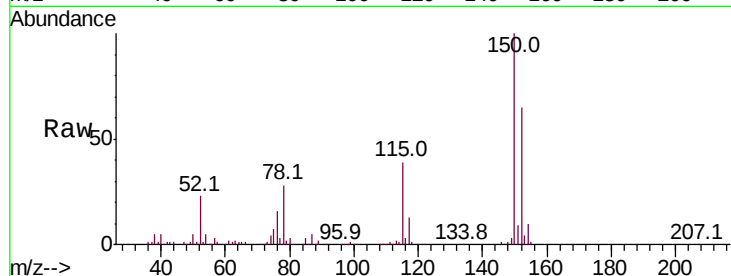
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampled :
PB114777BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.4	189.6
115	59.3	49.4	74.0

Manual Integrations
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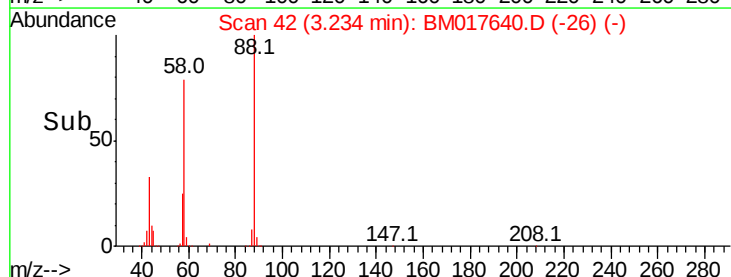
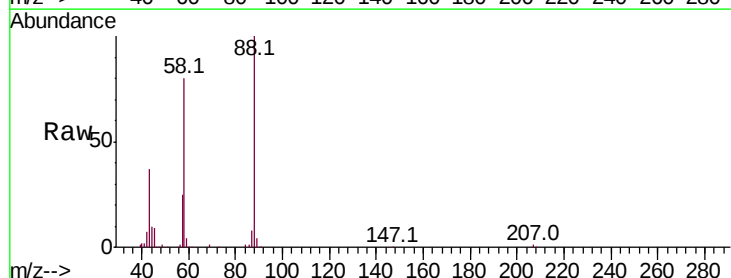
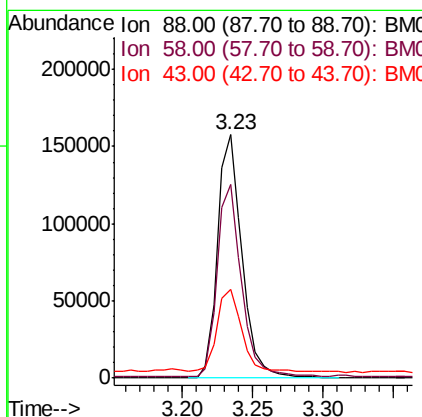
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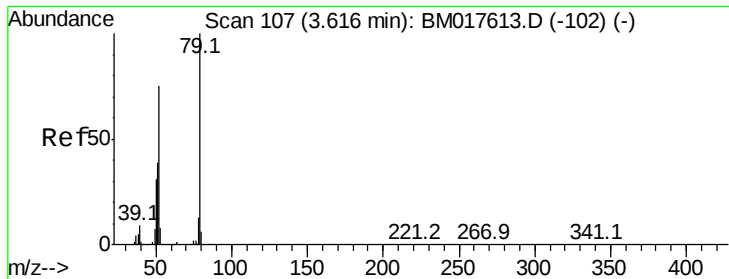


#2

1,4-Dioxane
Concen: 36.875 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	62.0	93.0
43	35.3	26.8	40.2





#3

Pvridine

Concen: 36.914 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

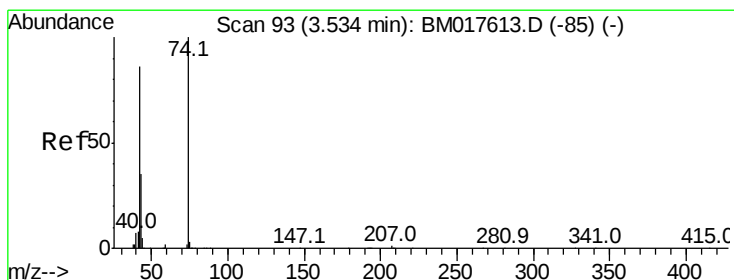
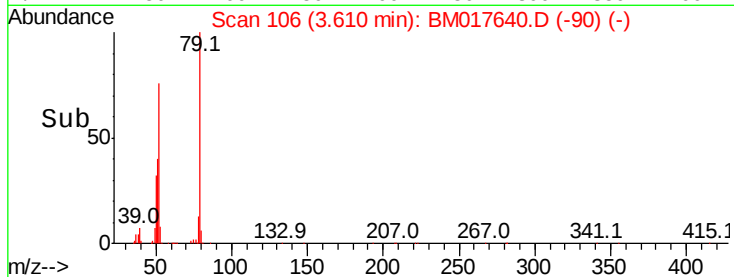
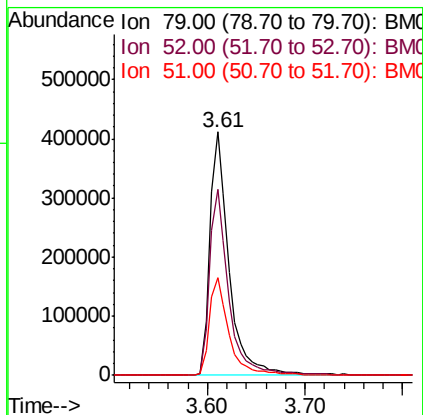
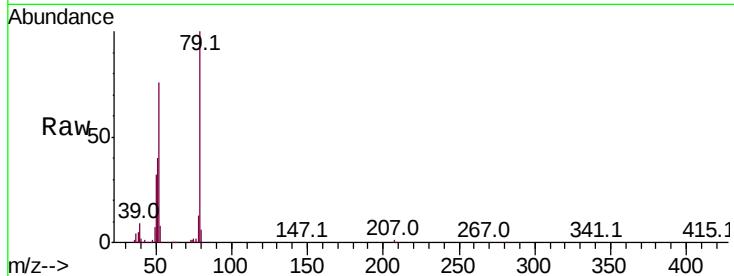
ClientSampleId :

PB114777BS

Tot Ion:	79	Resp:	558788
Ion Ratio	Lower	Upper	
79	100		
52	76.2	60.1	90.1
51	40.3	31.1	46.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.634 ng

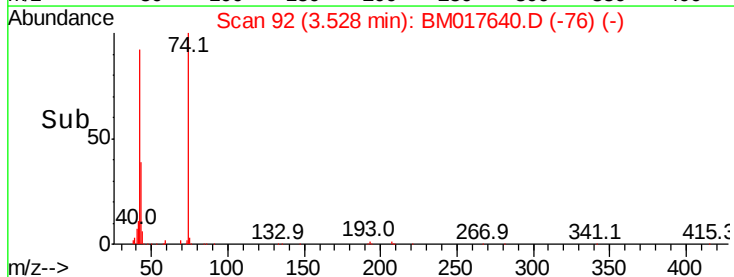
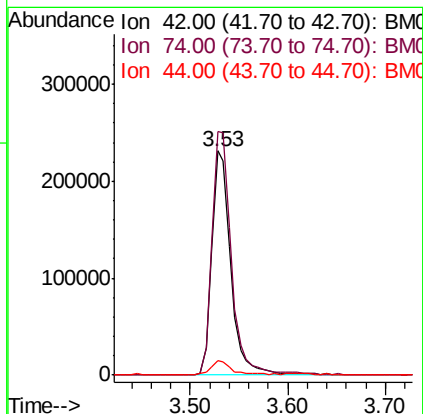
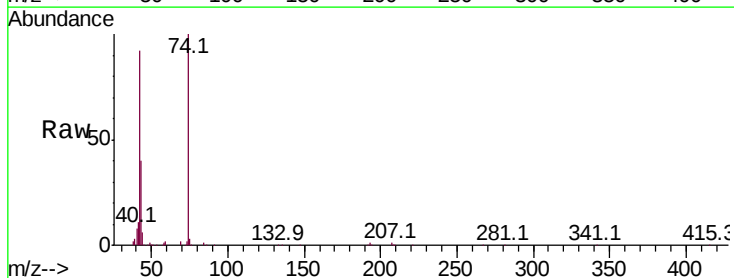
RT: 3.53 min Scan# 92

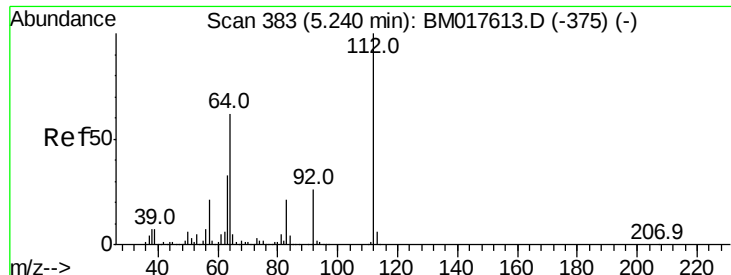
Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion:	42	Resp:	310966
Ion Ratio	Lower	Upper	
42	100		
74	108.8	93.1	139.7
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 145.875 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tot Ion:112 Resp: 1807566

Ion Ratio Lower Upper

112 100

64 63.0 49.3 73.9

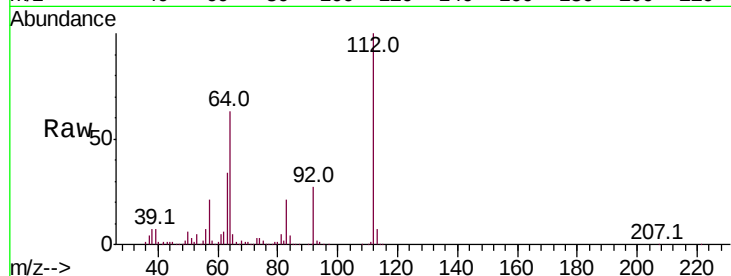
63 33.8 26.2 39.4

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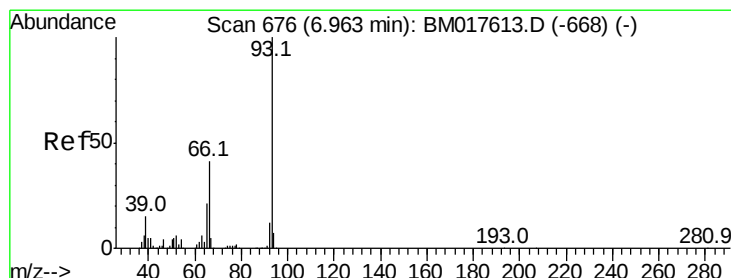
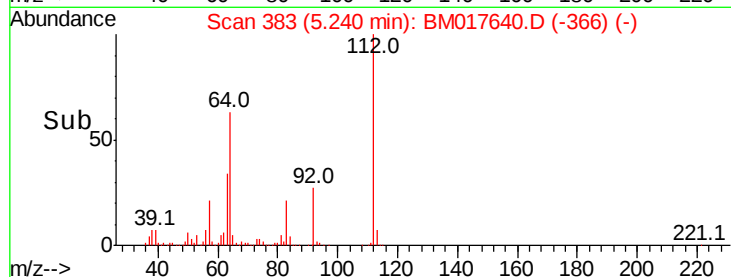
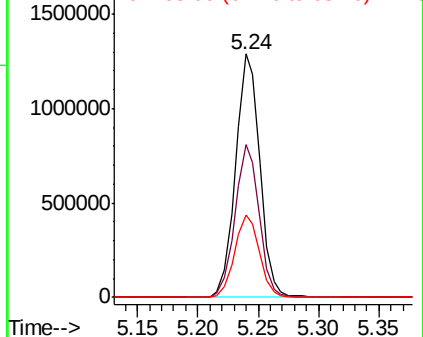
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 38.217 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

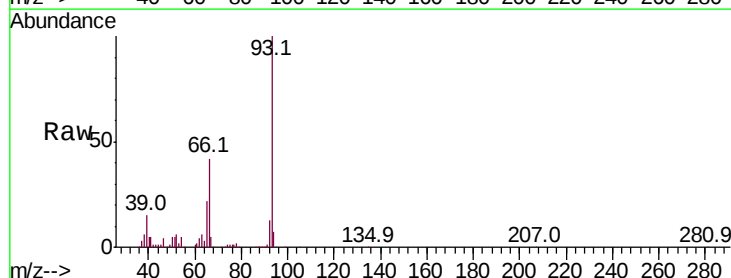
Tgt Ion: 93 Resp: 820190

Ion Ratio Lower Upper

93 100

66 42.5 32.8 49.2

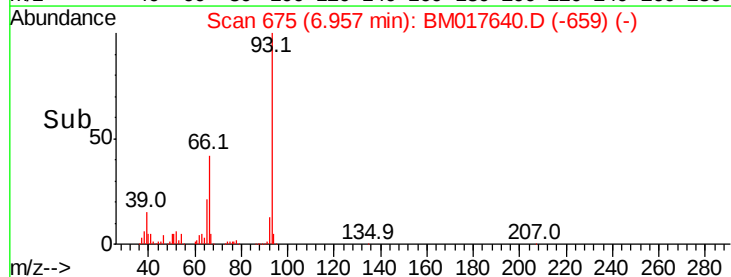
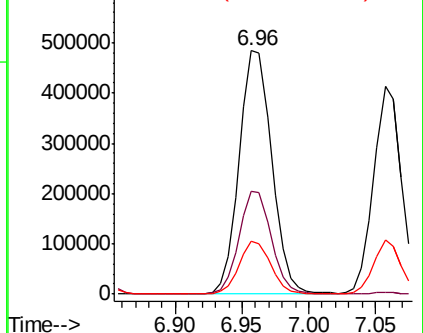
65 21.8 16.6 25.0

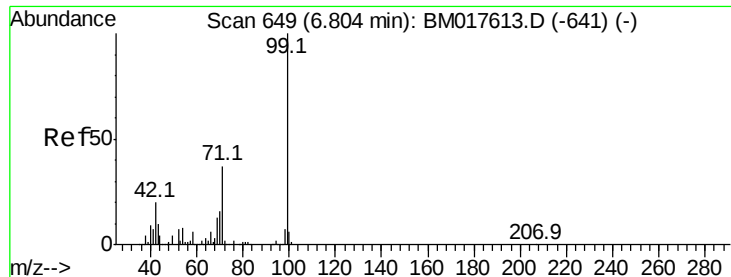


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 138.083 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tot Ion: 99 Resp: 2389680

Ion Ratio Lower Upper

99 100

42 20.8 16.3 24.5

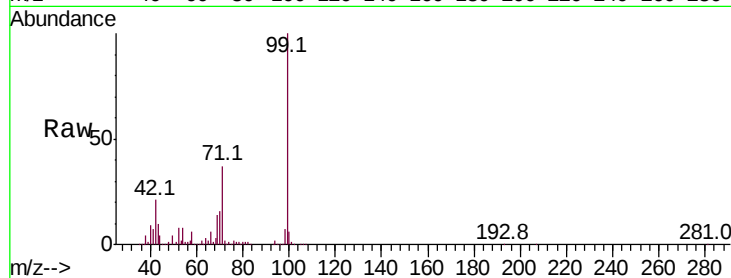
71 37.3 29.8 44.8

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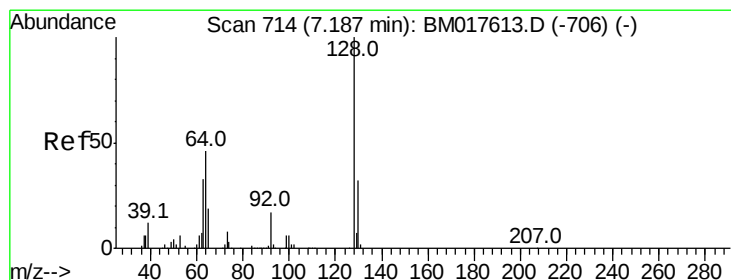
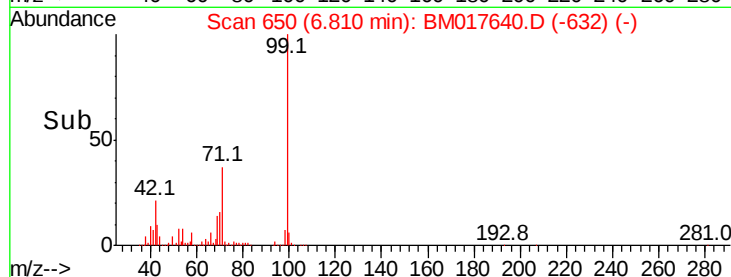
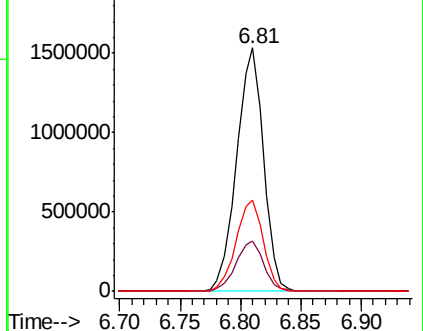
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Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#8

2-Chlorophenol

Concen: 46.074 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

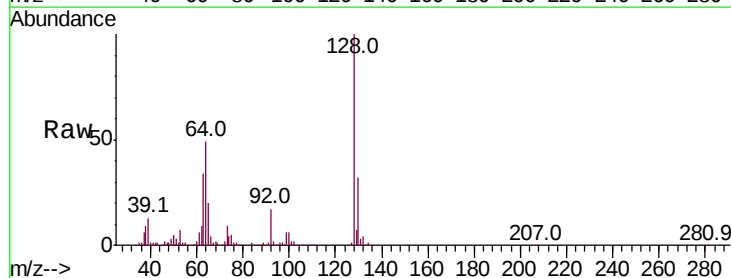
Tgt Ion:128 Resp: 683257

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

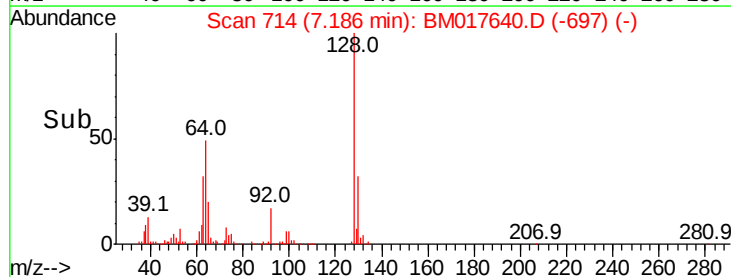
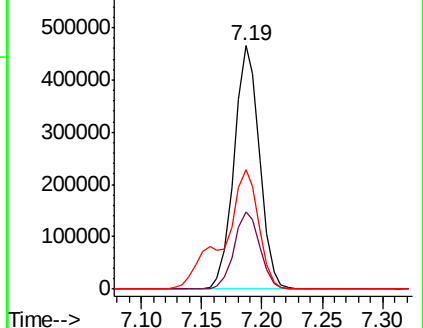
64 49.1 30.0 70.0

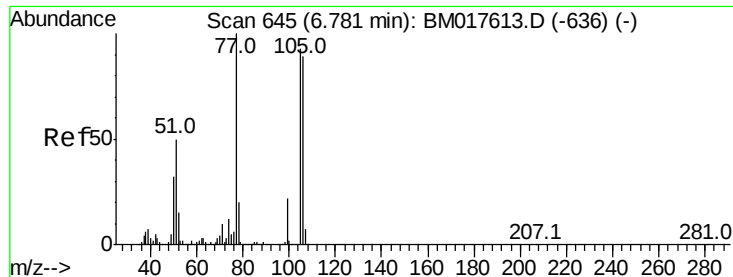


Abundance Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM017613.D (-706) (-)





#9

Benzaldehyde

Concen: 32.048 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

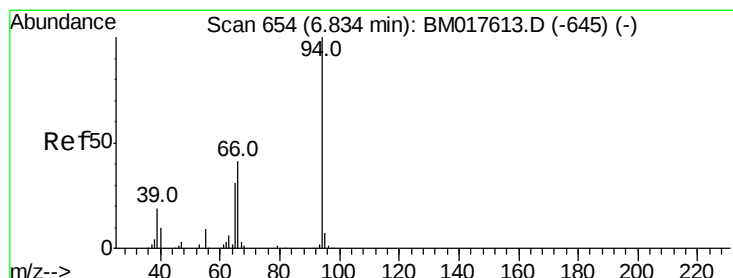
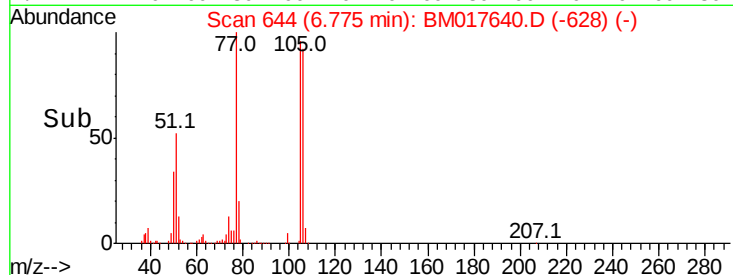
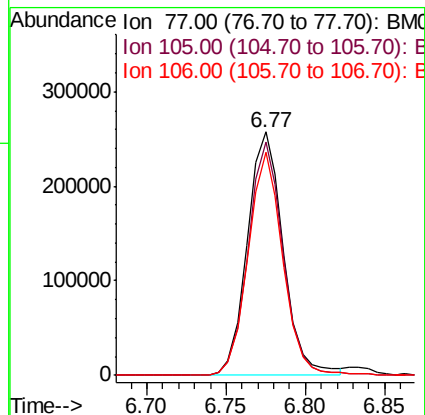
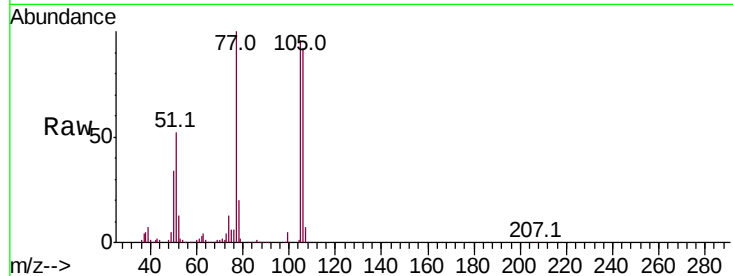
ClientSampleId :

PB114777BS

Tot Ion:	77	Resp:	404021
Ion	Ratio	Lower	Upper
77	100		
105	95.9	72.7	112.7
106	91.5	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 45.988 ng

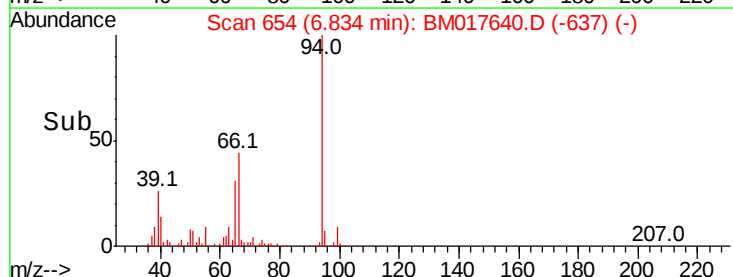
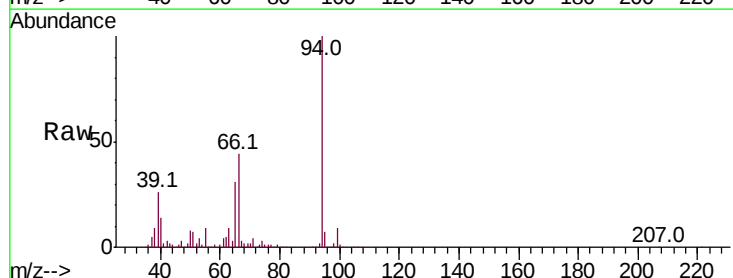
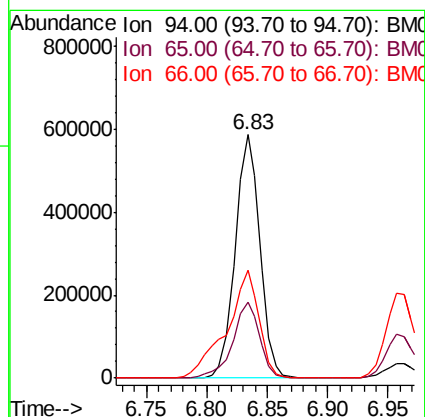
RT: 6.83 min Scan# 654

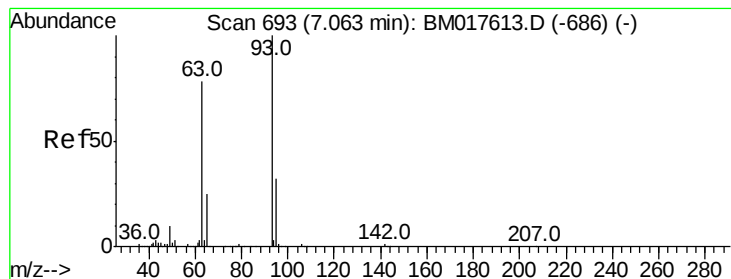
Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion:	94	Resp:	835370
Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.4	51.4
66	44.1	21.4	61.4





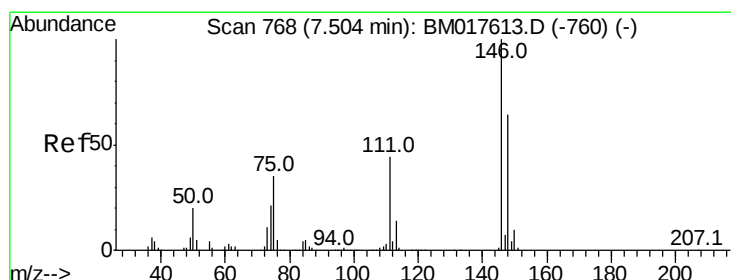
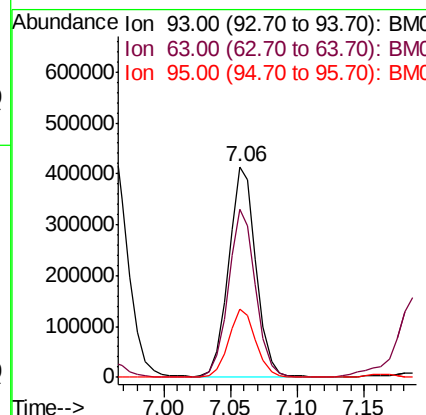
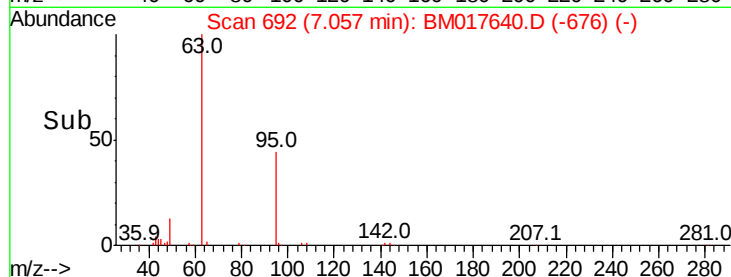
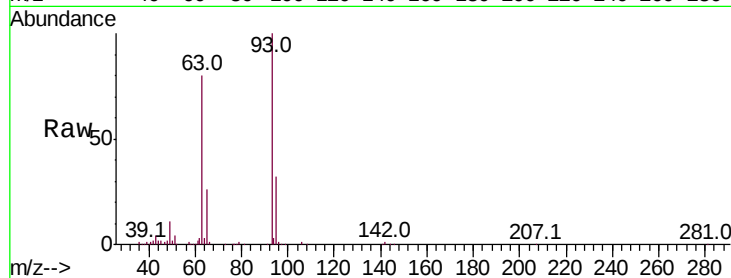
#11
bis(2-Chloroethyl)ether
Concen: 41.125 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	57.9	97.9
95	32.3	12.3	52.3

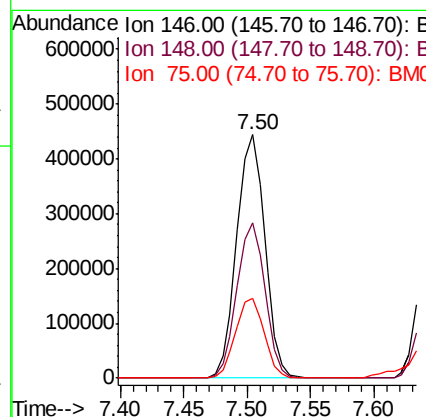
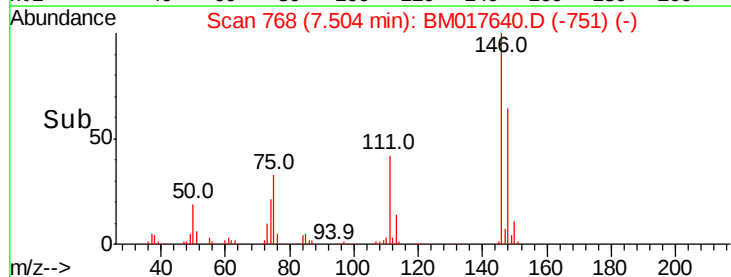
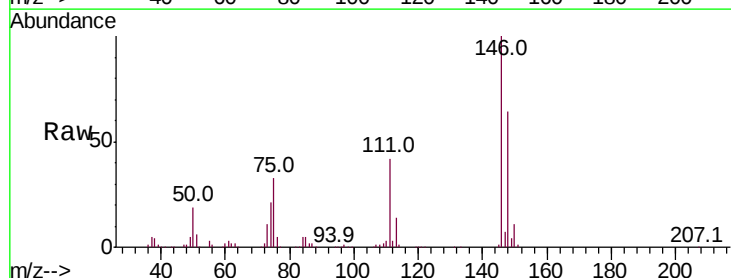
Manual Integrations
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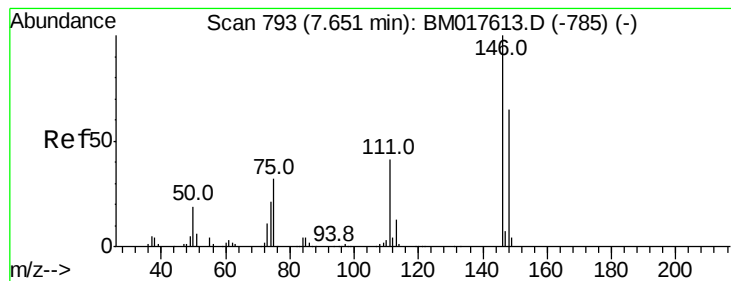
Sohil
11/14/2018 5:18:18 PM



#12
1,3-Dichlorobenzene
Concen: 41.103 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
75	32.6	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 41.207 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

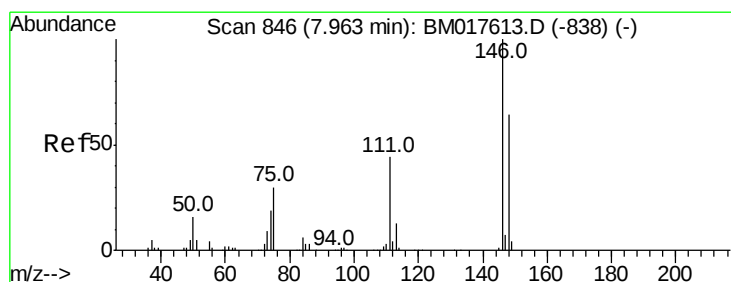
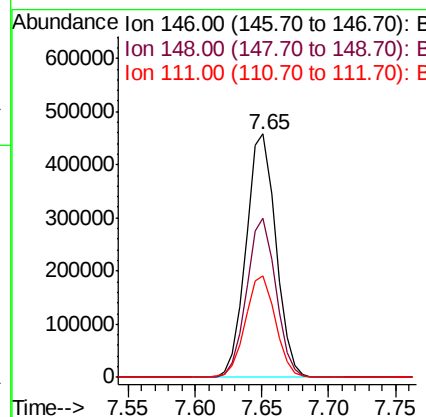
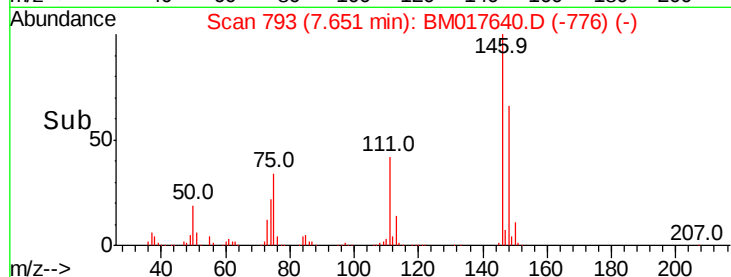
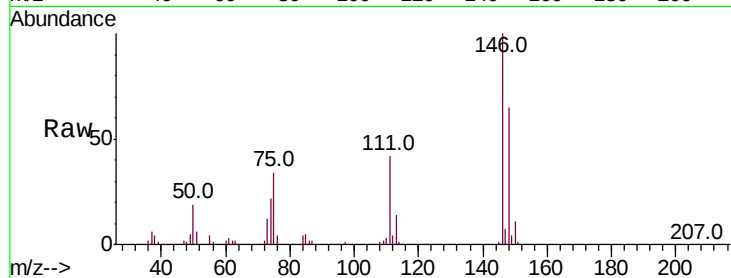
ClientSampleId :

PB114777BS

Tot Ion:	146	Resp:	702734
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.0	78.0
111	41.9	33.2	49.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.202 ng

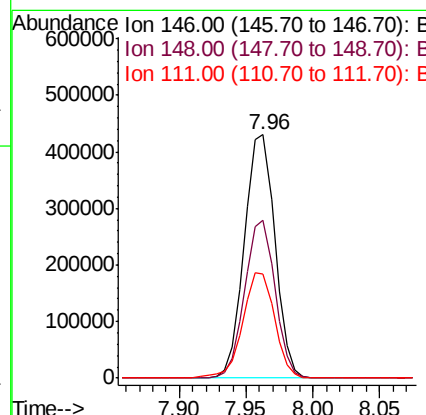
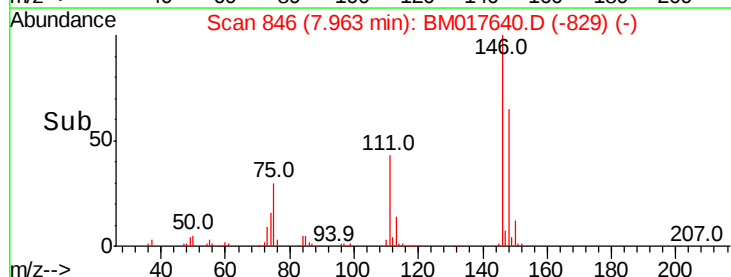
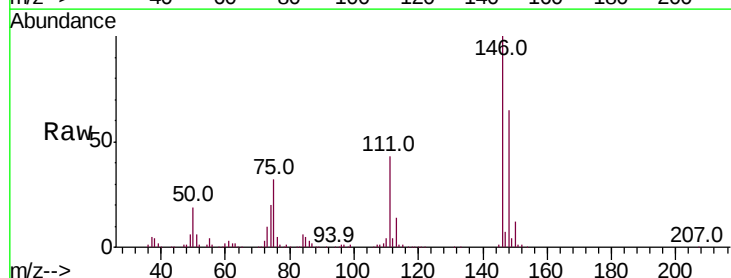
RT: 7.96 min Scan# 846

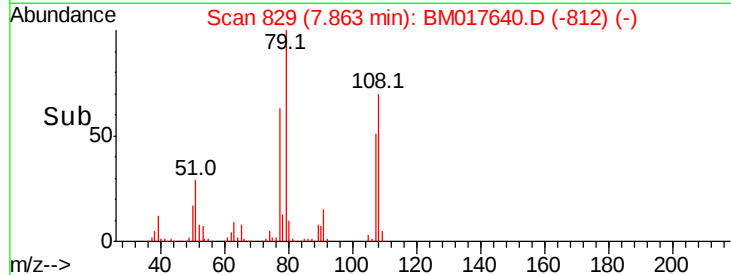
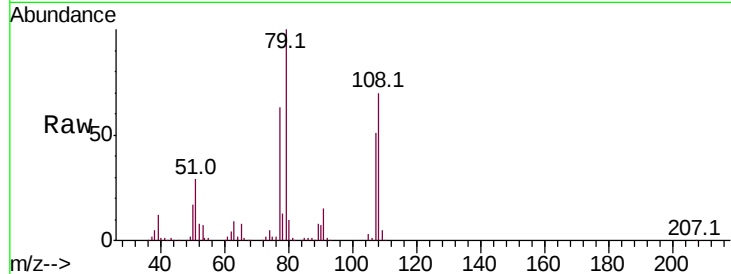
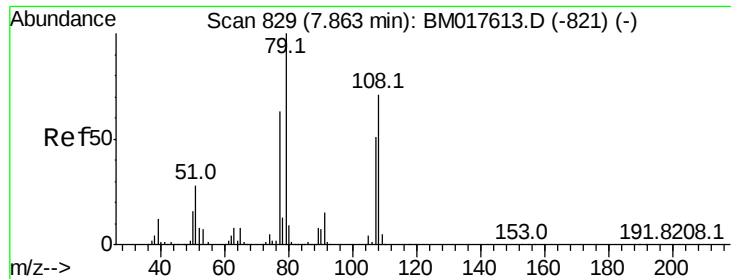
Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion:	146	Resp:	681314
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.6	77.4
111	42.7	35.8	53.8





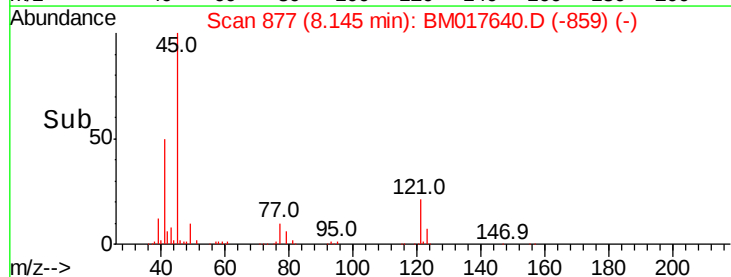
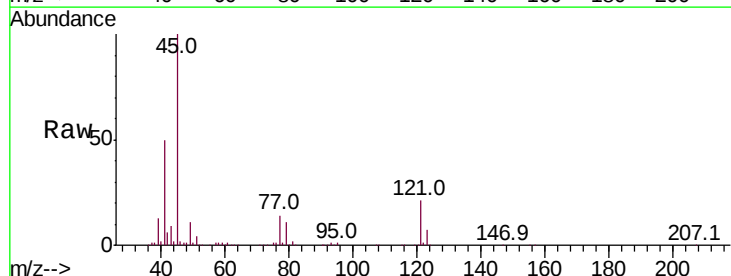
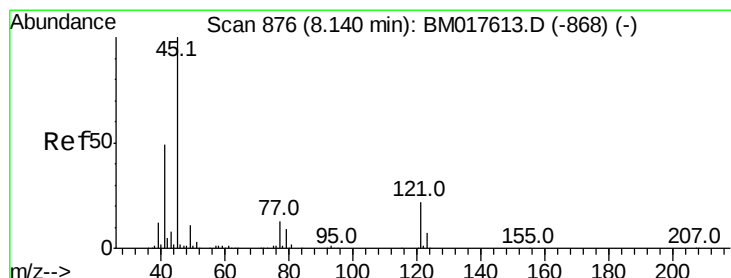
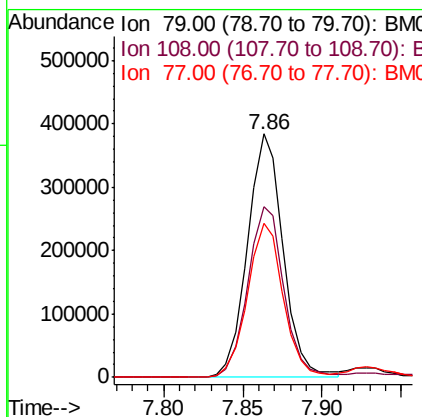
#15
Benzyl Alcohol
Concen: 43.547 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.3	57.1	85.7
77	63.5	50.4	75.6

Instrument :
BNA_M
ClientSampleID :
PB114777BS

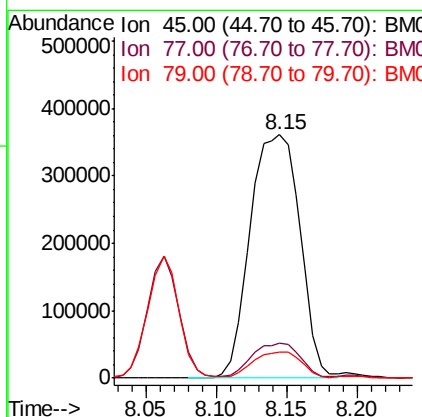
Manual Integrations
APPROVED

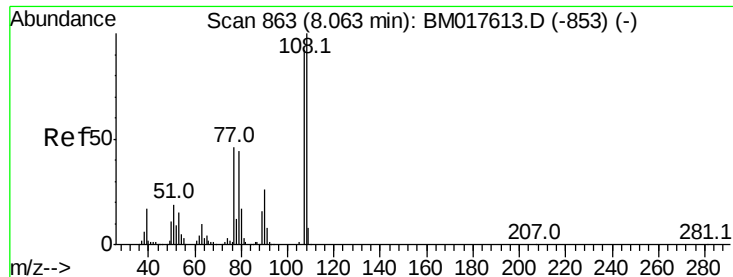
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.875 ng
RT: 8.15 min Scan# 877
Delta R.T. 0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.2
79	10.7	0.0	30.5





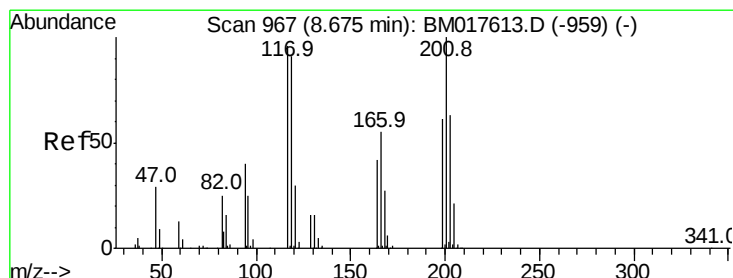
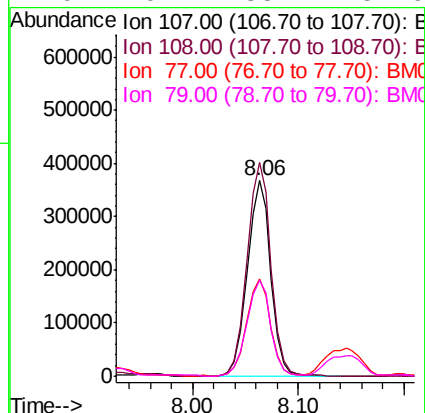
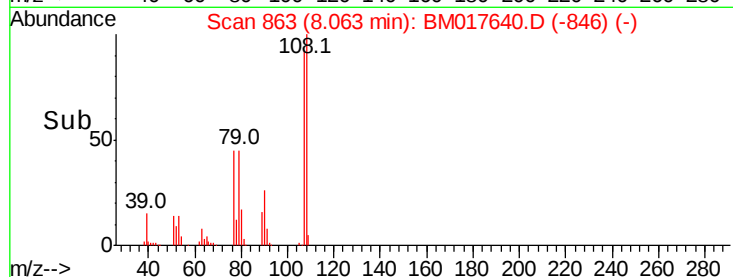
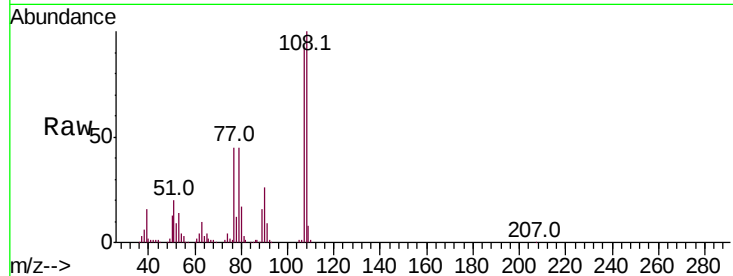
#17
2-Methylphenol
Concen: 45.761 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	86.7	130.1	
77	49.4	39.8	59.6	
79	49.1	38.4	57.6	

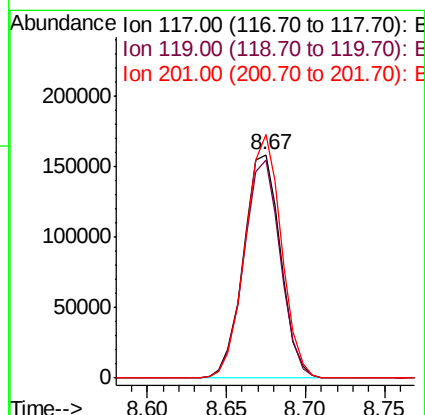
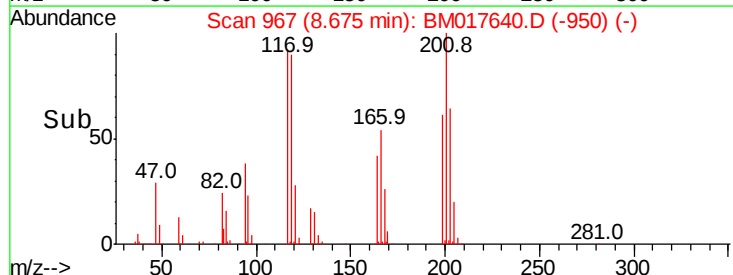
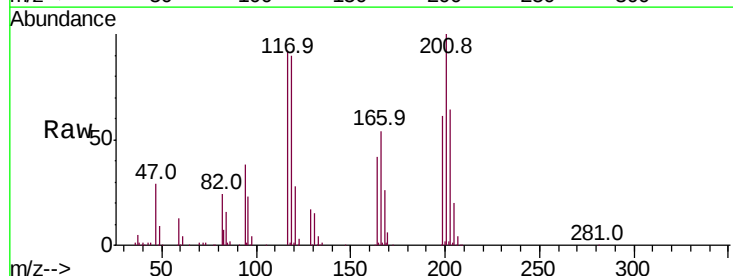
Manual Integrations
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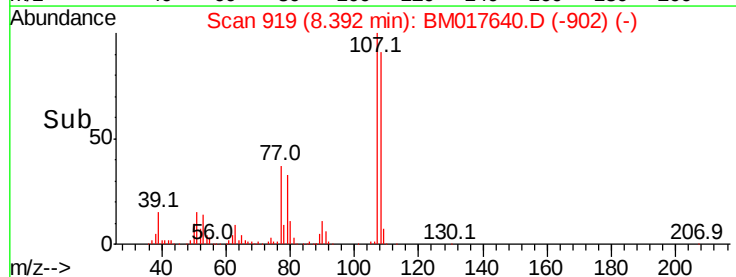
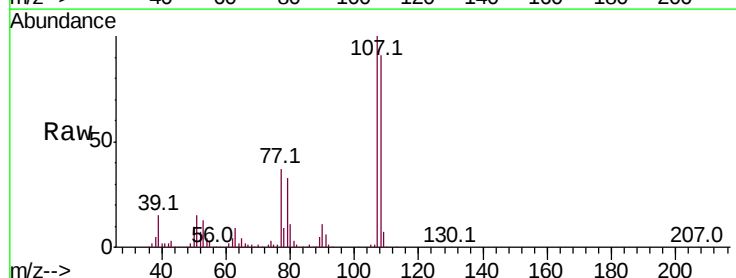
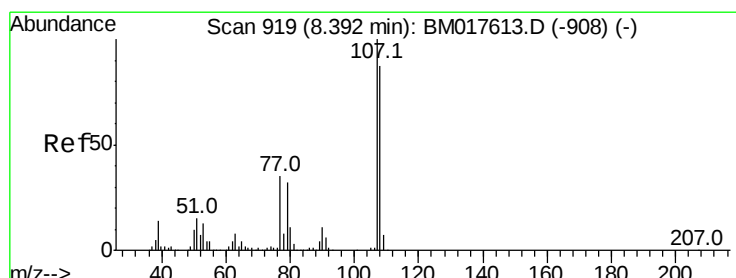
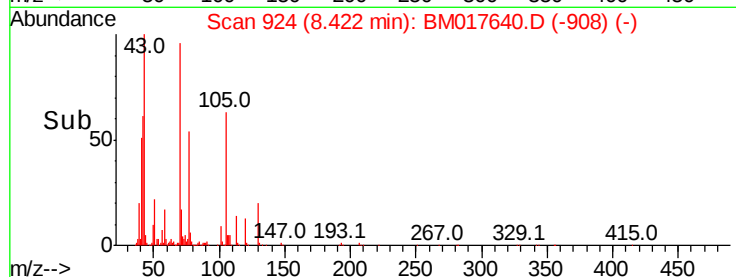
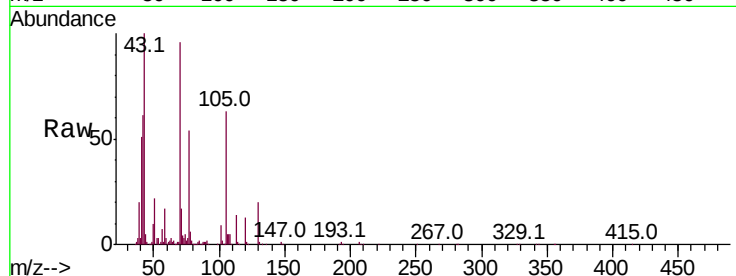
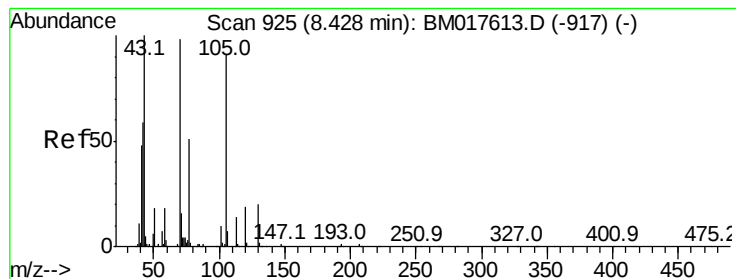
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#18
Hexachloroethane
Concen: 42.807 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	75.8	113.8	
201	109.0	83.0	124.4	





#19

n-Nitroso-di-n-propylamine

Concen: 40.504 ng

RT: 8.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.9	48.6	73.0
101	9.5	7.9	11.9
130	21.3	16.6	24.8

Instrument :

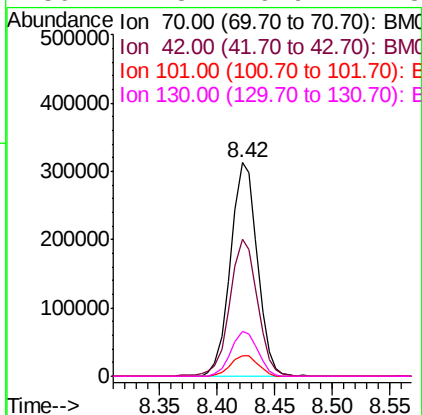
BNA_M

ClientSampleId :

PB114777BS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 44.874 ng

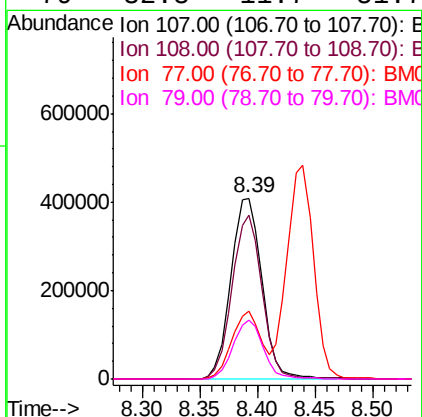
RT: 8.39 min Scan# 919

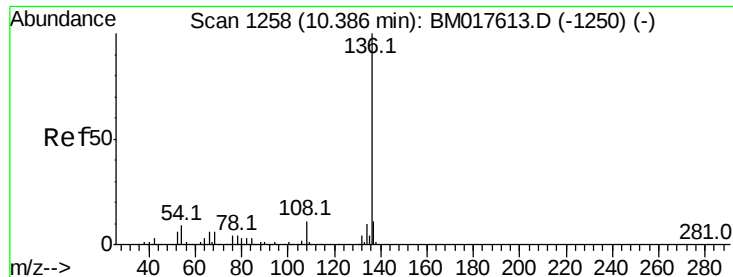
Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.0	107.0
77	37.4	15.6	55.6
79	32.8	11.7	51.7





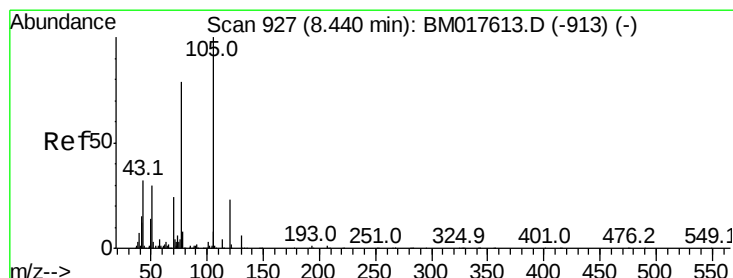
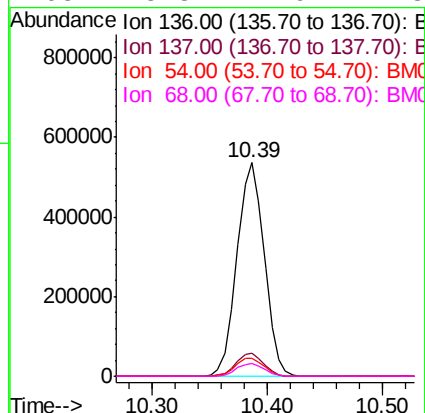
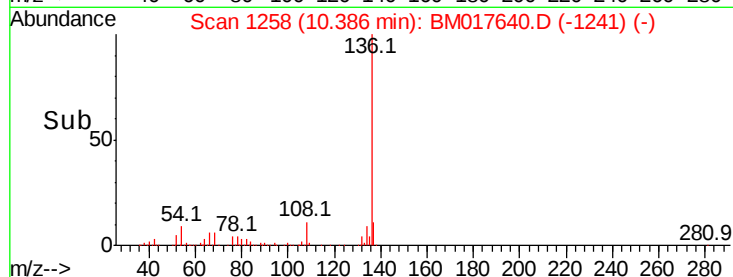
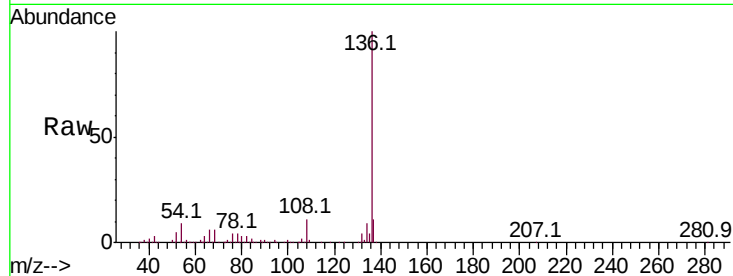
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	879910		
137	10.7		8.6	12.8
54	8.6		7.0	10.6
68	5.8		4.9	7.3

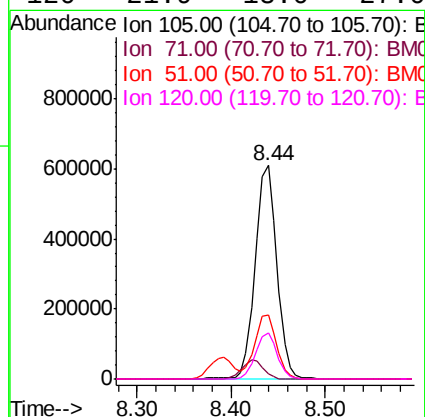
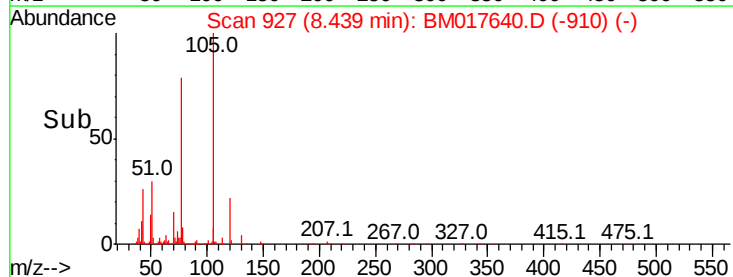
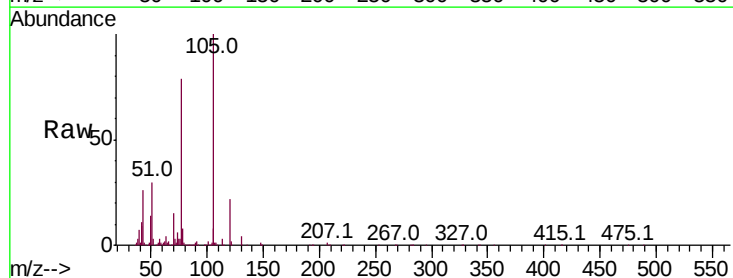
Manual Integrations
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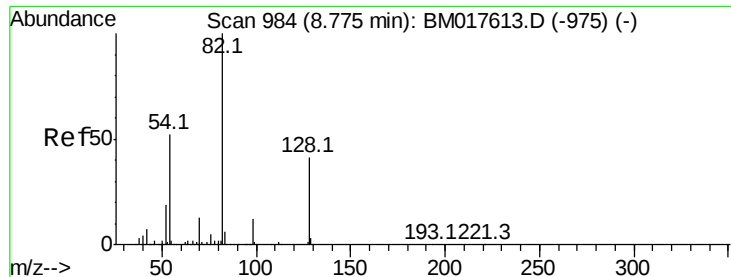
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#22
Acetophenone
Concen: 44.523 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	977766		
71	2.5		3.1	4.7#
51	30.1		23.8	35.8
120	21.9		18.0	27.0





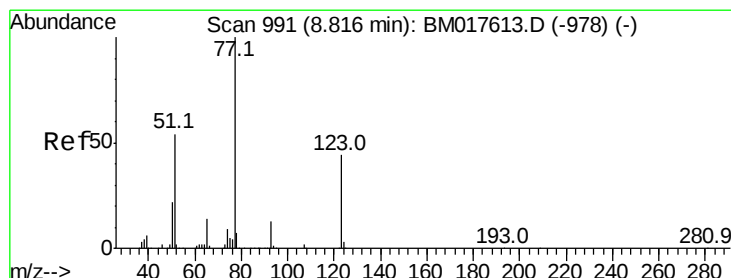
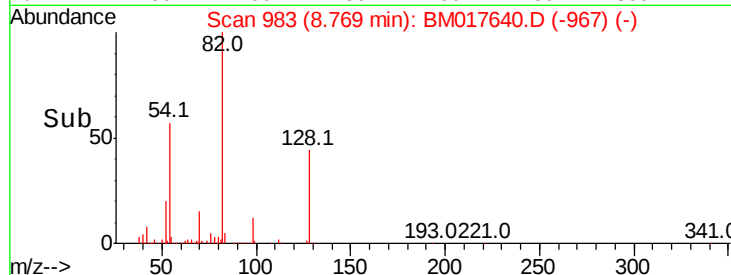
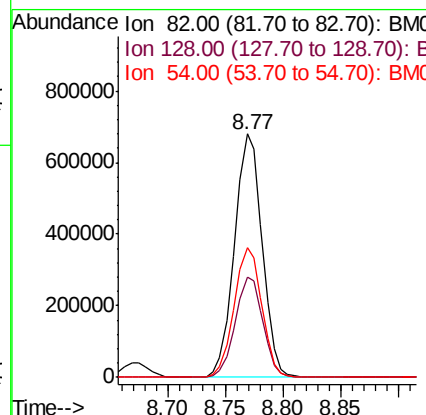
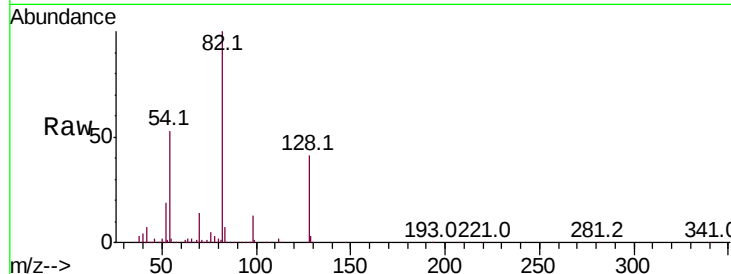
#23
 Nitrobenzene-d5
 Concen: 66.050 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tot Ion	82	Resp	1125773
Ion Ratio	100	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	53.3	41.4	62.2

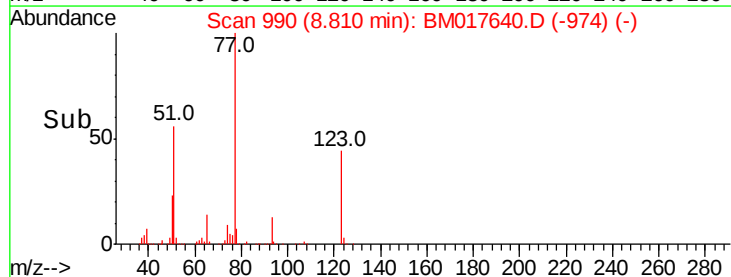
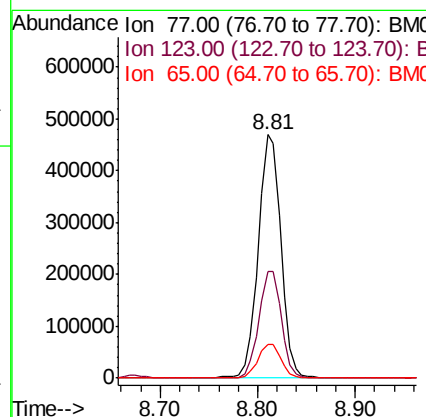
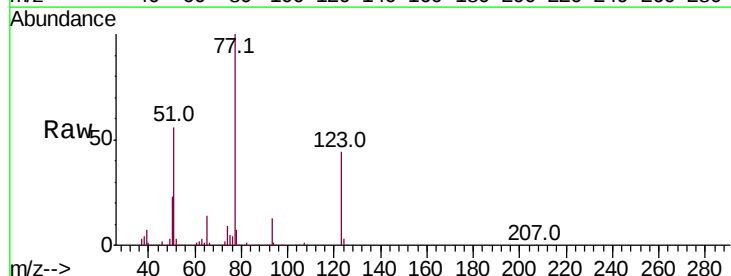
Manual Integrations
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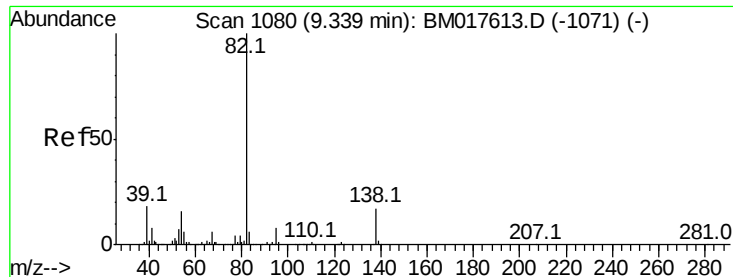
Sohil
 11/14/2018 5:18:18 PM



#24
 Nitrobenzene
 Concen: 44.096 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion	77	Resp	762550
Ion Ratio	100	Lower	Upper
77	100		
123	43.7	35.1	52.7
65	13.8	11.0	16.6





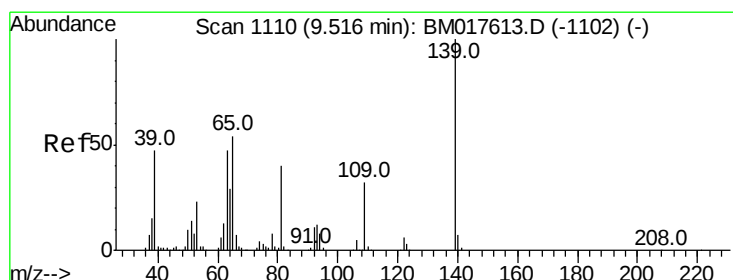
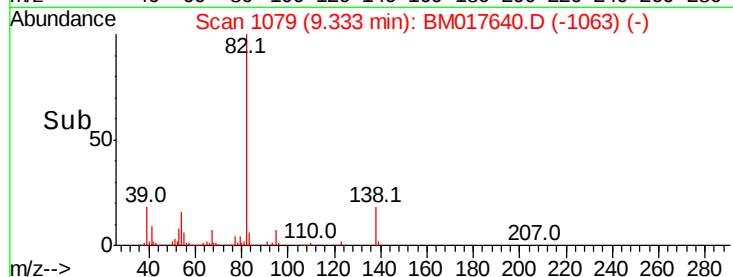
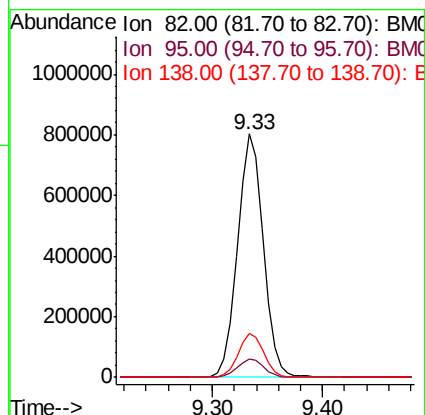
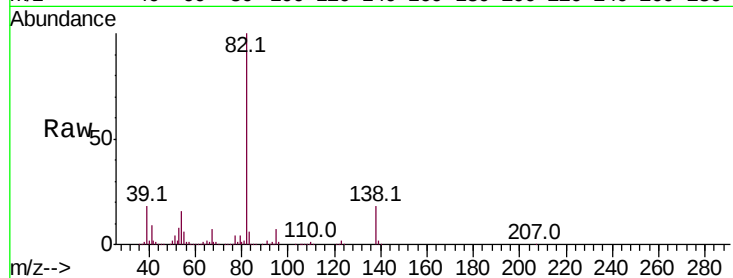
#25
Isophorone
Concen: 50.097 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleID :
PB114777BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.1	9.1
138	17.9	13.9	20.9

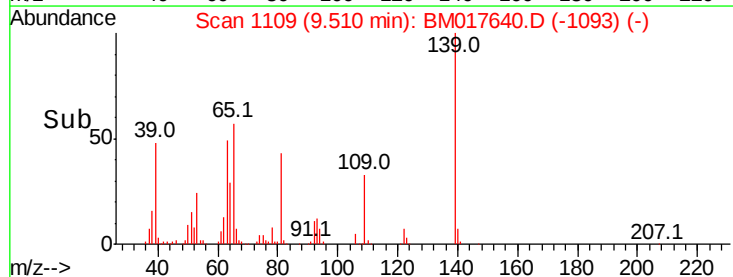
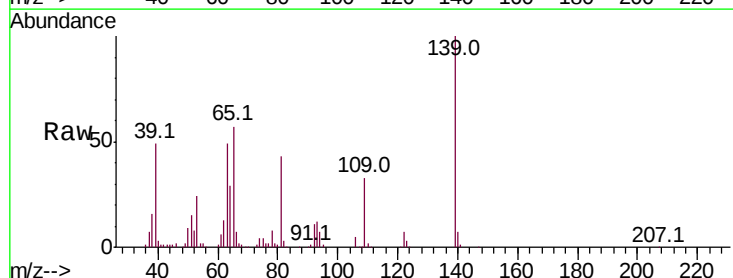
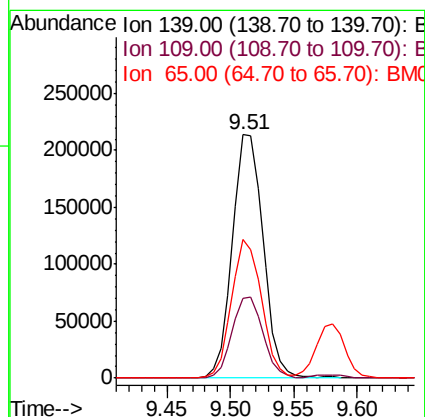
Manual Integrations
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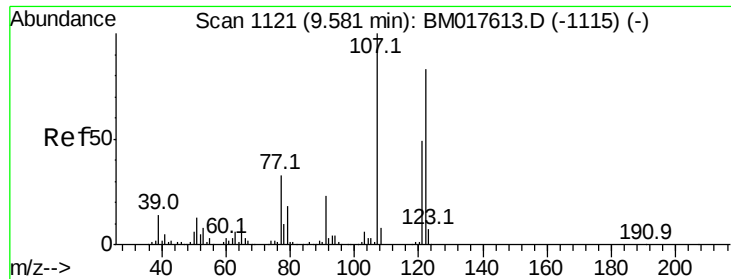
Sohil
11/14/2018 5:18:18 PM



#26
2-Nitrophenol
Concen: 45.163 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.0	25.9	38.9
65	57.1	43.0	64.4





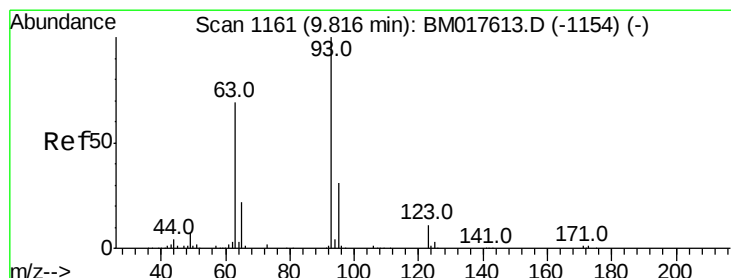
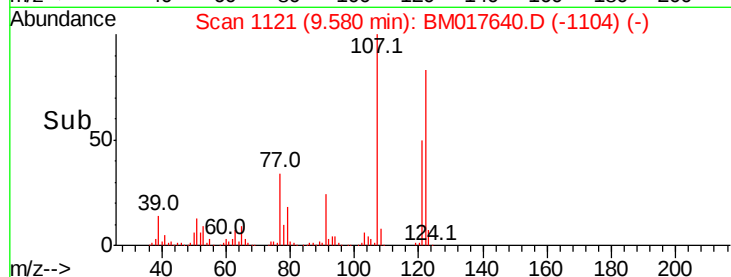
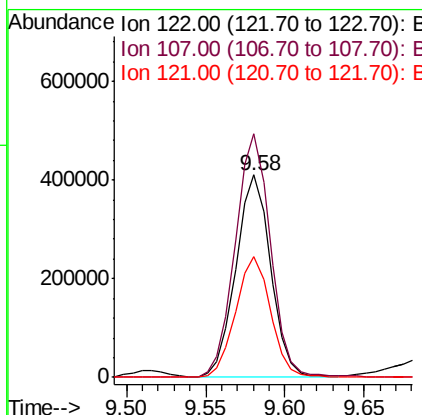
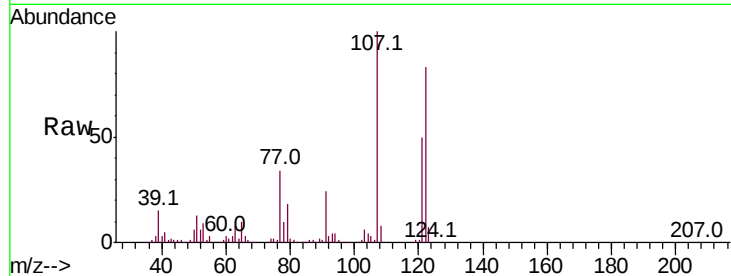
#27
2,4-Dimethylphenol
Concen: 54.182 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	621991		
107	120.3	95.8	143.8	
121	59.9	47.2	70.8	

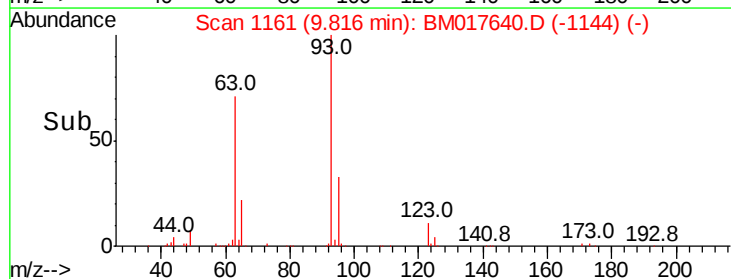
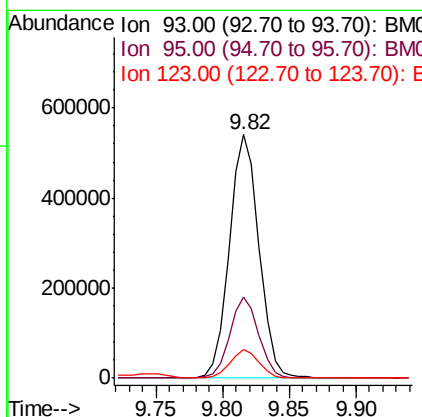
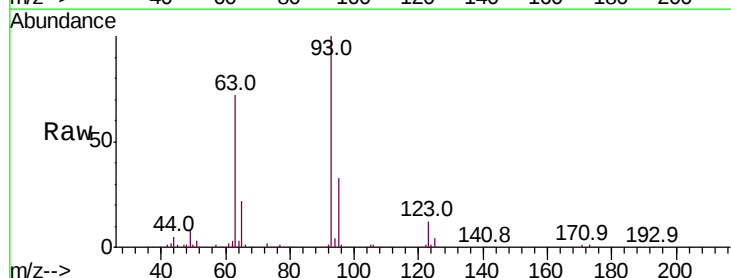
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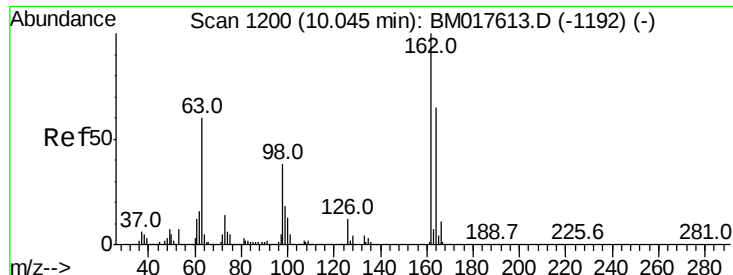
Sohil
11/14/2018 5:18:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.977 ng
RT: 9.82 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	837589		
95	33.1	24.9	37.3	
123	11.6	8.7	13.1	





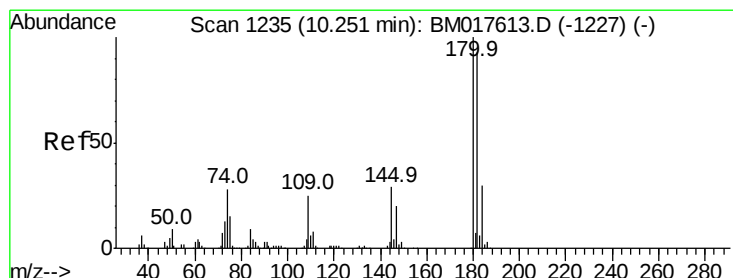
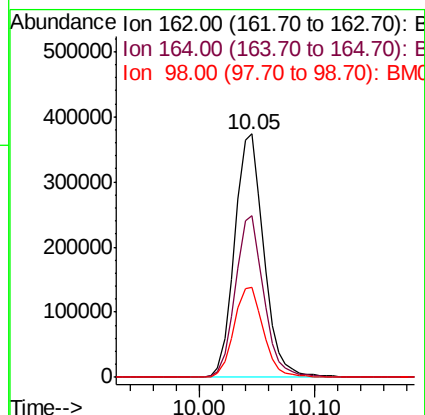
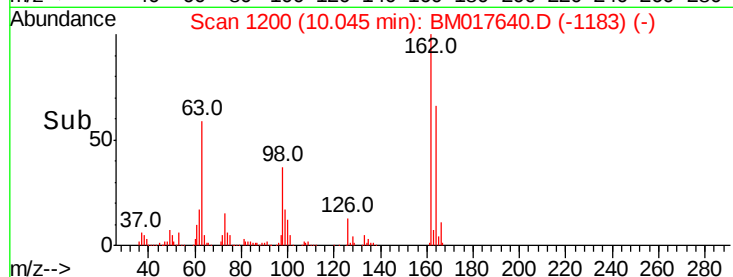
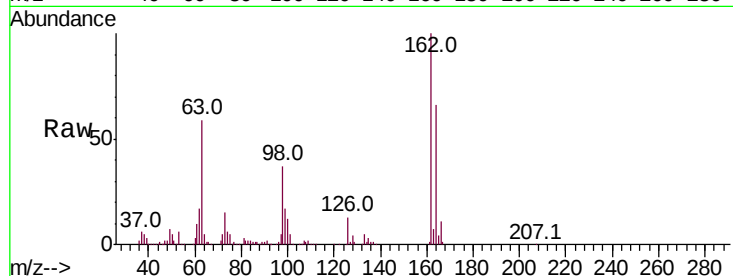
#29
 2,4-Dichlorophenol
 Concen: 49.103 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	654348		
164	66.2	45.0	85.0	
98	37.0	17.5	57.5	

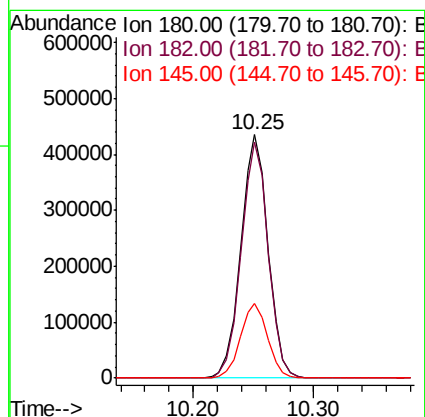
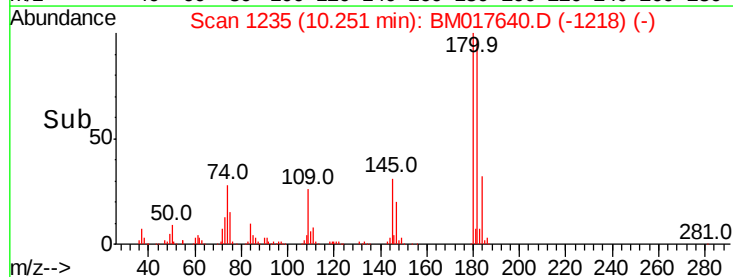
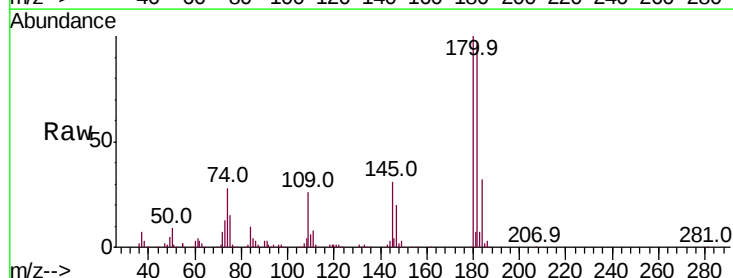
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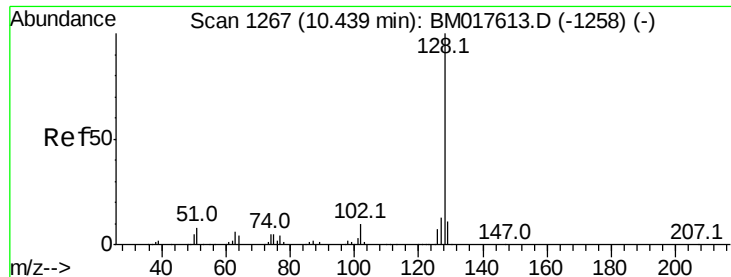
Sohil
 11/14/2018 5:18:18 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.858 ng
 RT: 10.25 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	679759		
182	97.2	74.4	111.6	
145	30.6	23.5	35.3	





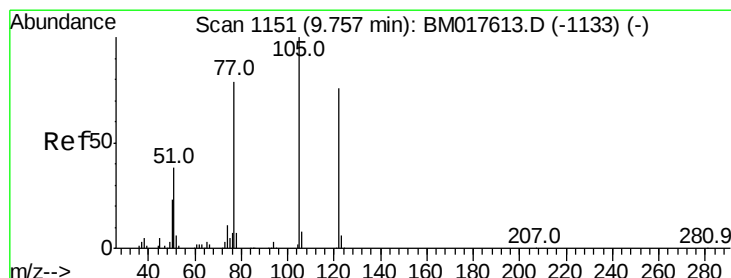
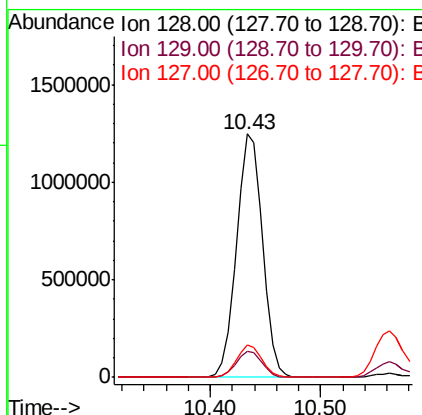
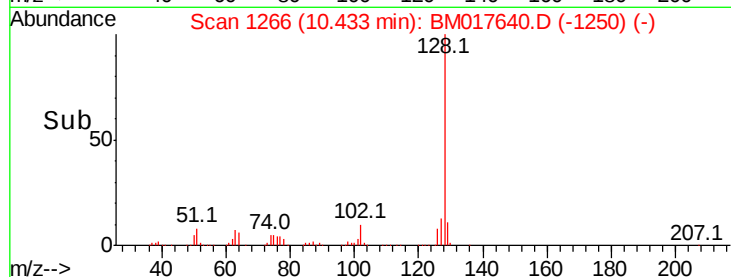
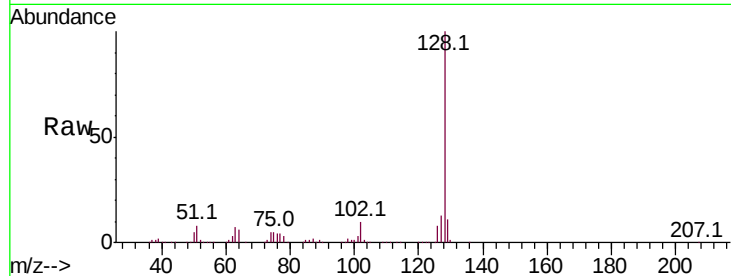
#31
Naphthalene
Concen: 47.711 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion:128 Resp: 2064079
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 10.3 15.5

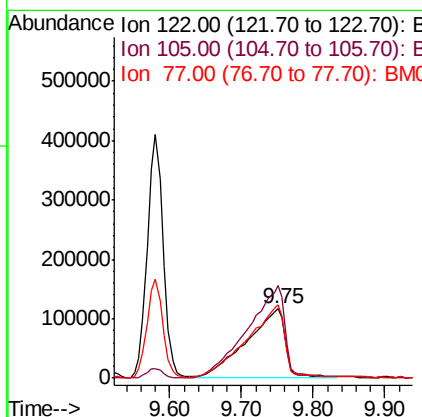
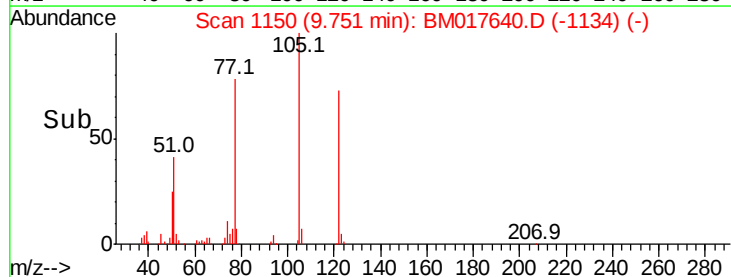
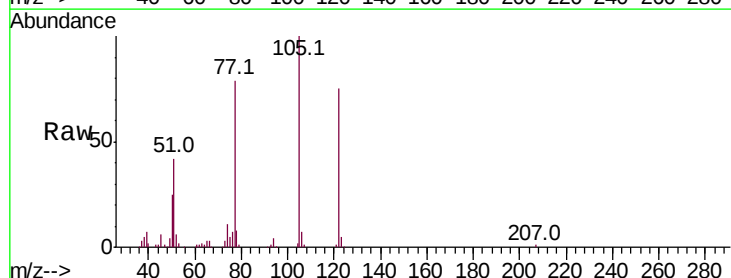
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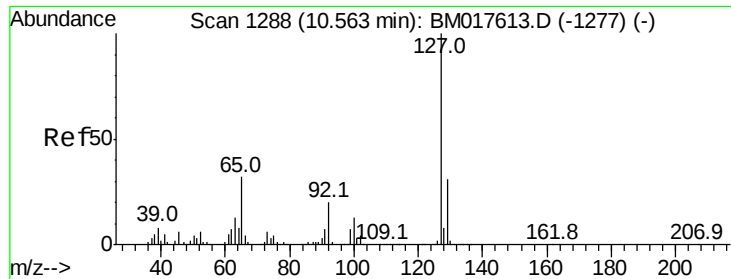
Sohil
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#32
Benzoic acid
Concen: 42.716 ng m
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:122 Resp: 444198
Ion Ratio Lower Upper
122 100
105 133.8 109.1 149.1
77 105.8 82.1 122.1





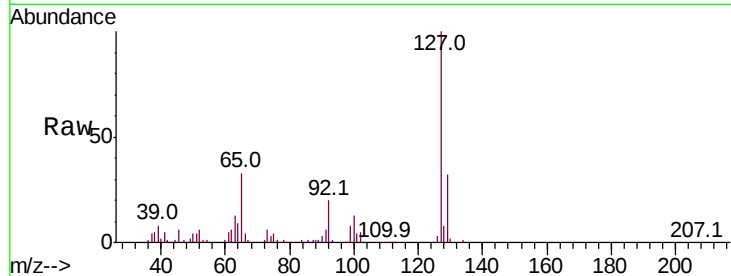
#33
4-Chloroaniline
Concen: 23.583 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.0	37.4	
65	32.8	25.8	38.8	
92	20.5	15.8	23.6	

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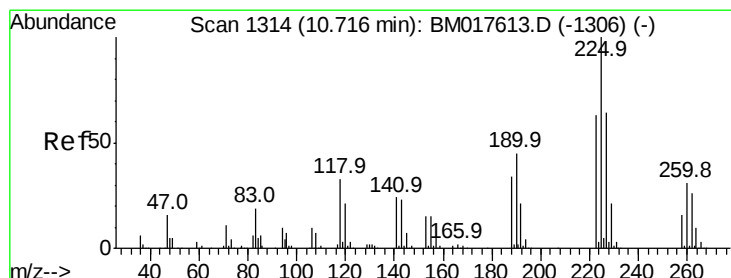
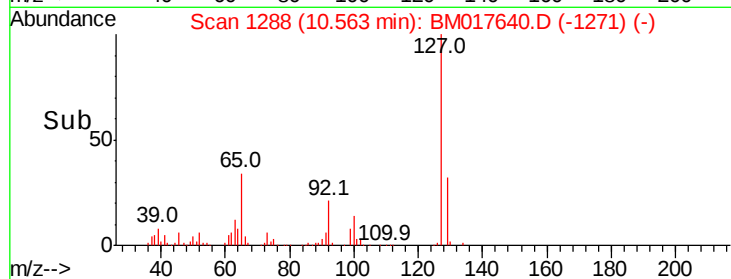
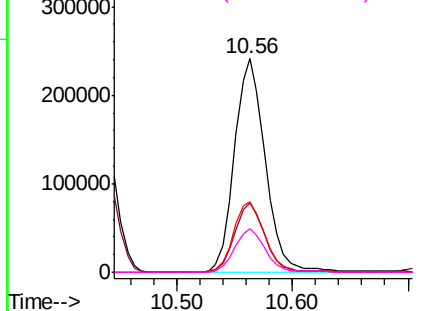
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

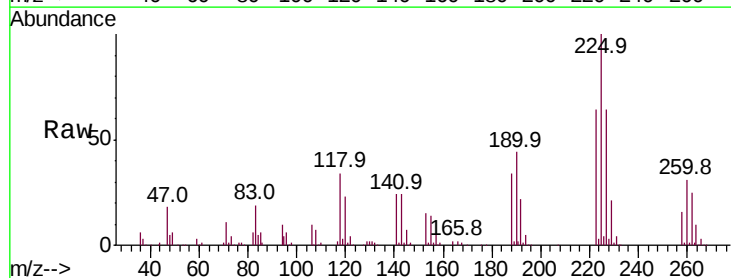
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 42.386 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.7	76.1	
227	64.1	51.0	76.4	

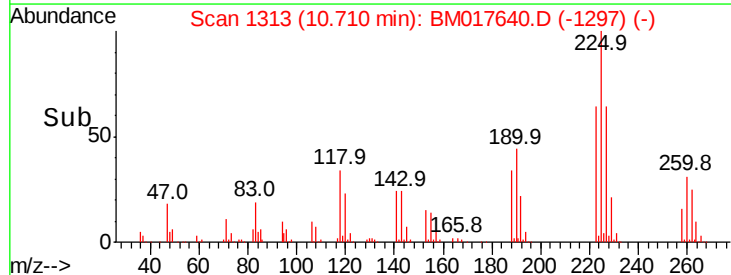
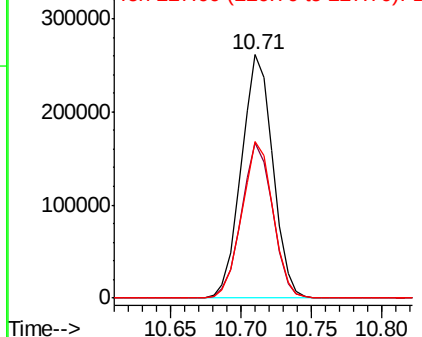


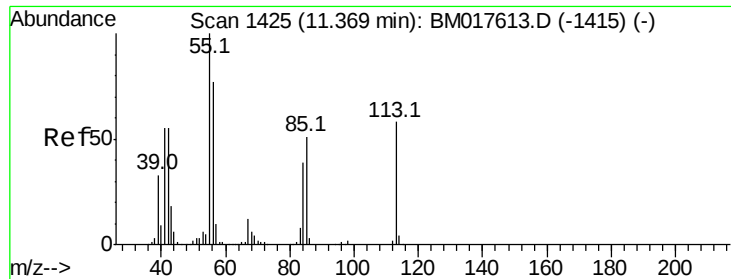
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.475 ng/mL

RT: 11.36 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleID :

PB114777BS

Tot Ion:113 Resp: 198630

Ion Ratio Lower Upper

113 100

55 179.0 153.1 193.1

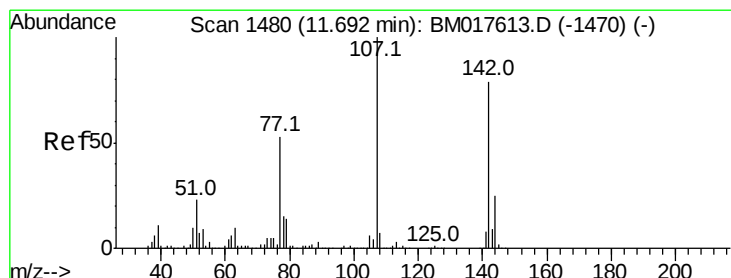
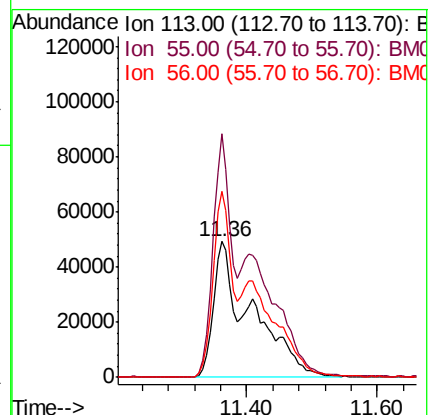
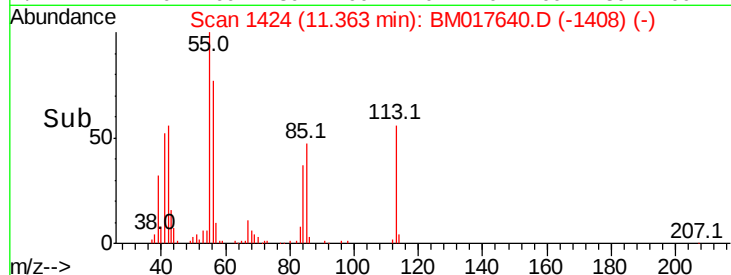
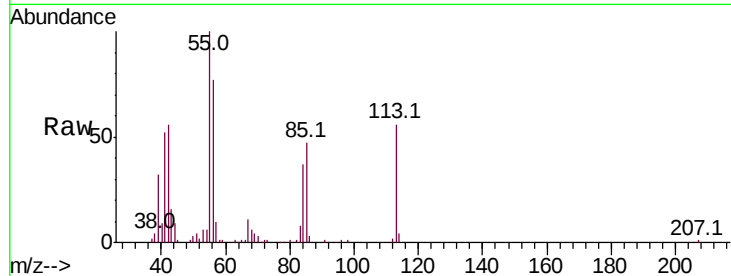
56 137.2 112.7 152.7

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#36

4-Chloro-3-methylphenol

Concen: 46.829 ng/mL

RT: 11.69 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

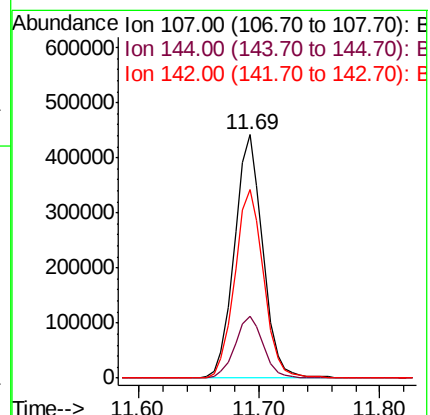
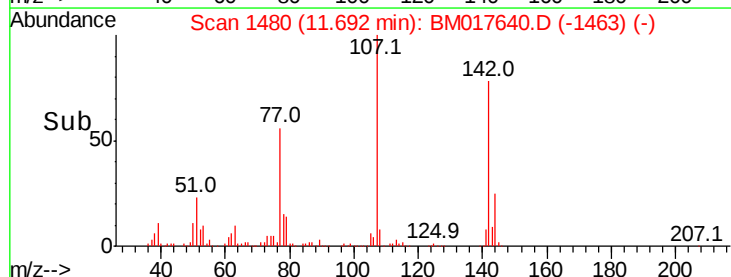
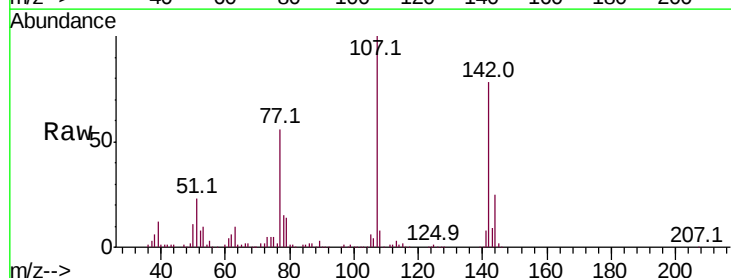
Tgt Ion:107 Resp: 720486

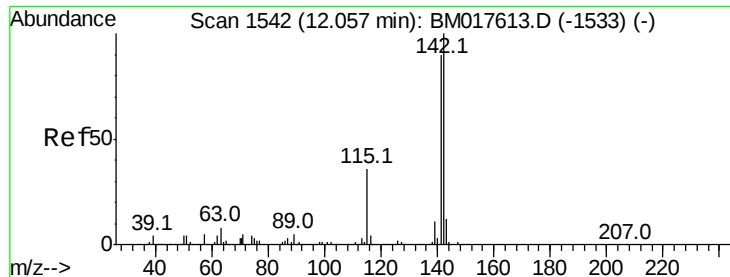
Ion Ratio Lower Upper

107 100

144 25.2 19.9 29.9

142 77.5 63.0 94.4





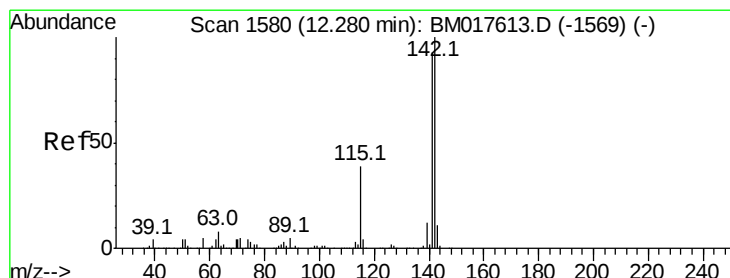
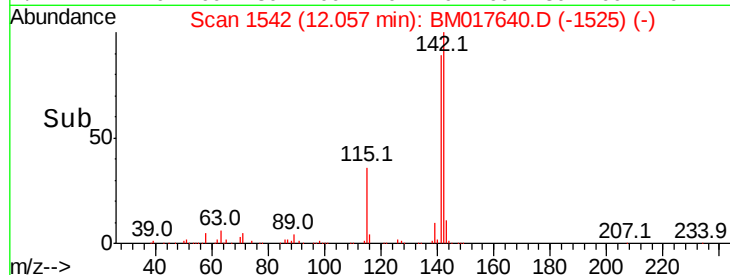
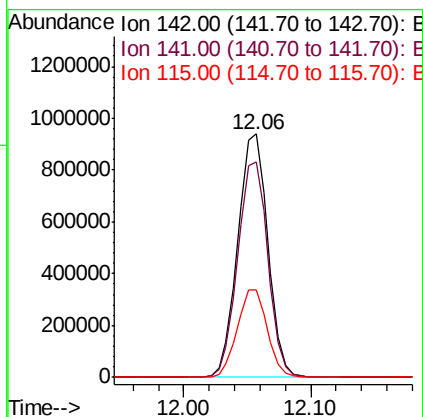
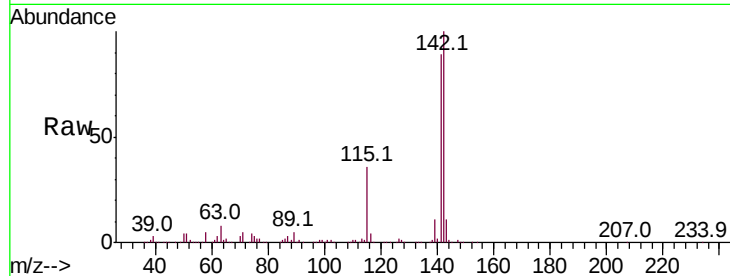
#37
2-Methylnaphthalene
Concen: 50.446 ng
RT: 12.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.4
115	35.7	28.5	42.7

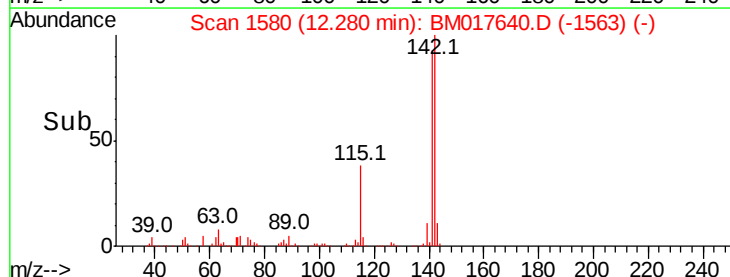
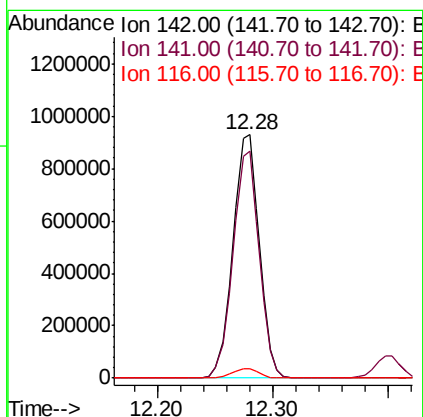
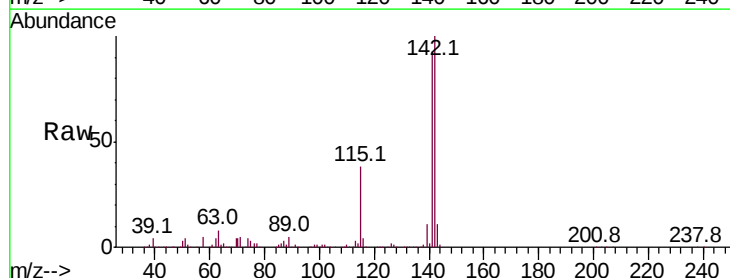
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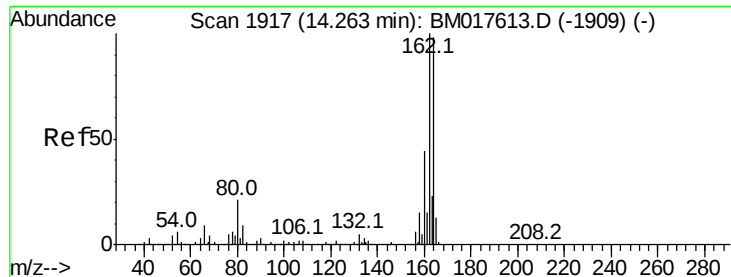
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#38
1-Methylnaphthalene
Concen: 48.767 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	4.1	3.1	4.7





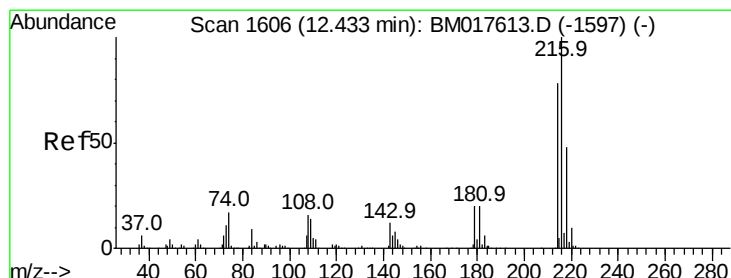
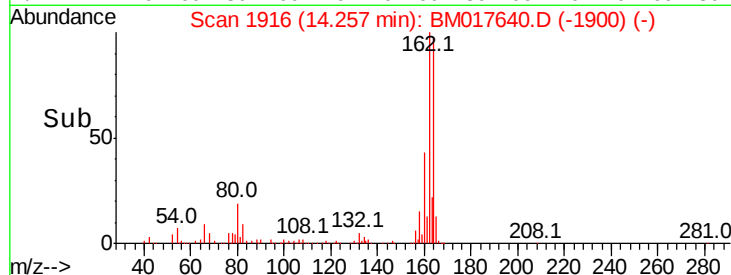
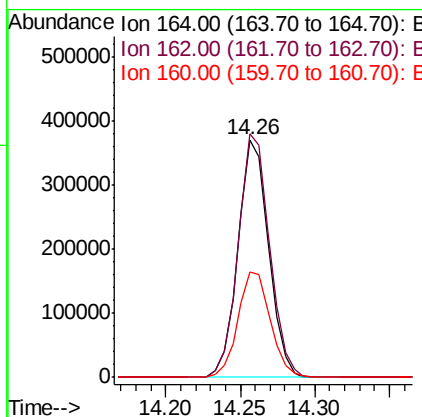
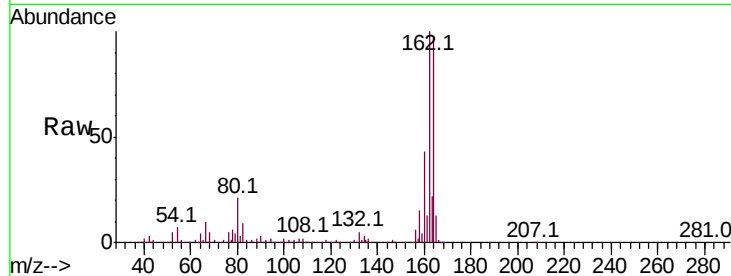
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.0
160	44.4	35.6	53.4

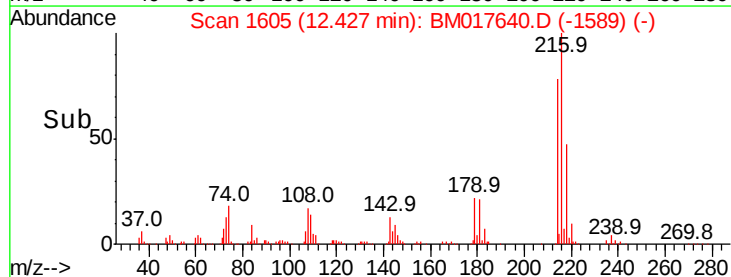
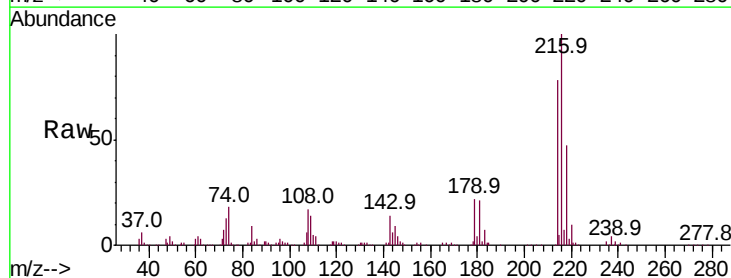
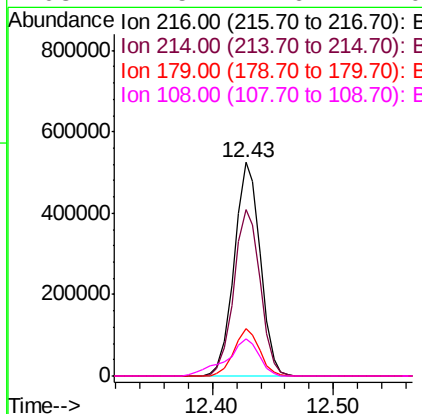
Manual Integrations
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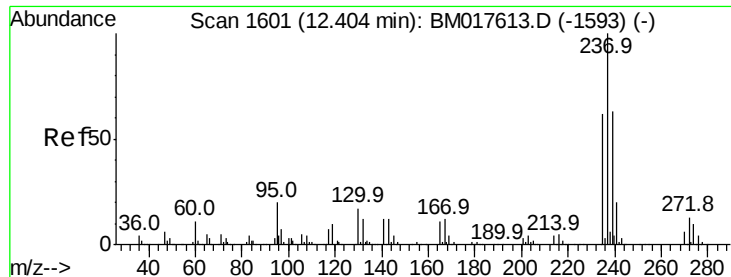
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.387 ng
RT: 12.43 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.5	93.7
179	21.5	16.8	25.2
108	21.5	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 113.163 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tot Ion:237 Resp: 1090547

Ion Ratio Lower Upper

237 100

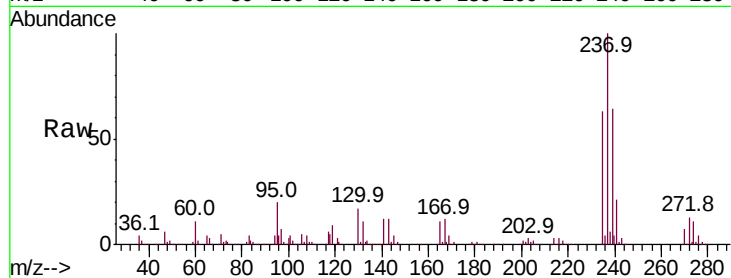
235 62.9 42.2 82.2

272 12.9 0.0 32.6

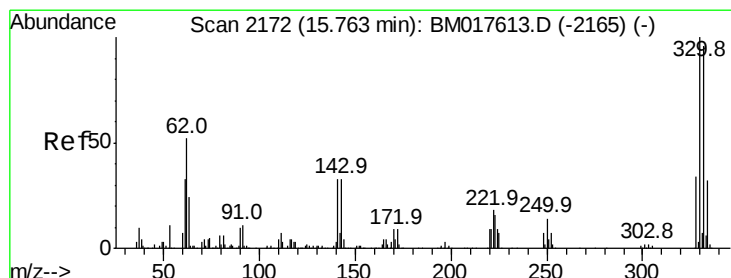
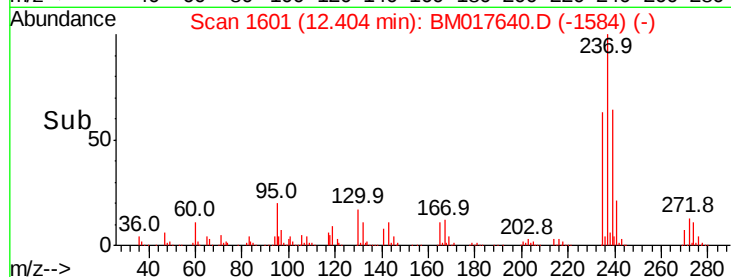
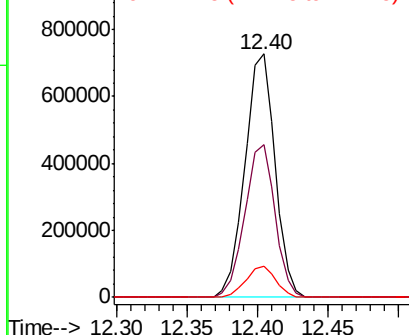
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.877 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

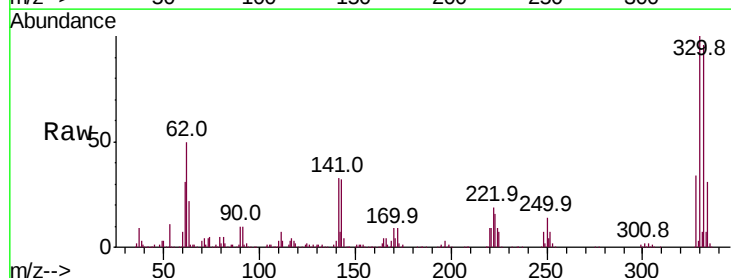
Tgt Ion:330 Resp: 1070557

Ion Ratio Lower Upper

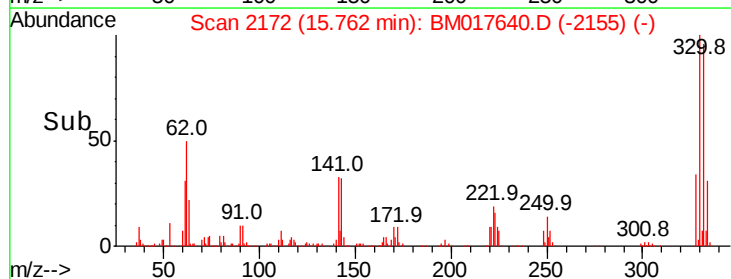
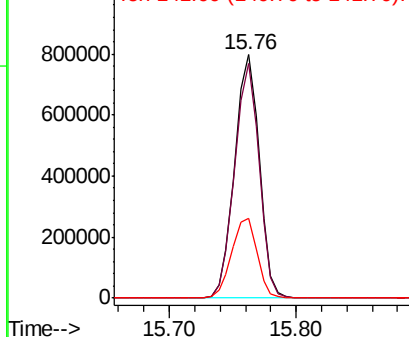
330 100

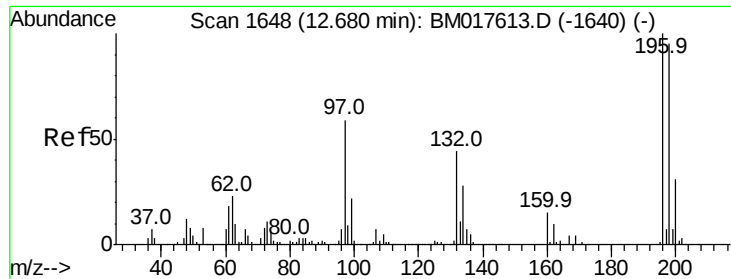
332 95.7 77.9 116.9

141 34.0 27.5 41.3



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





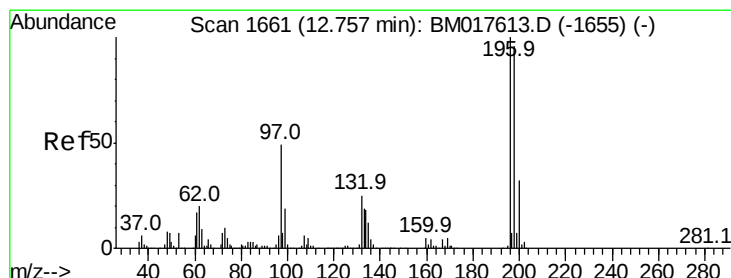
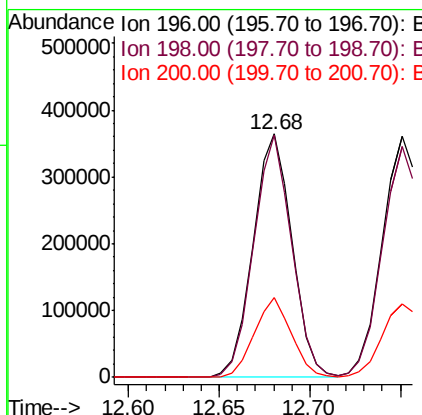
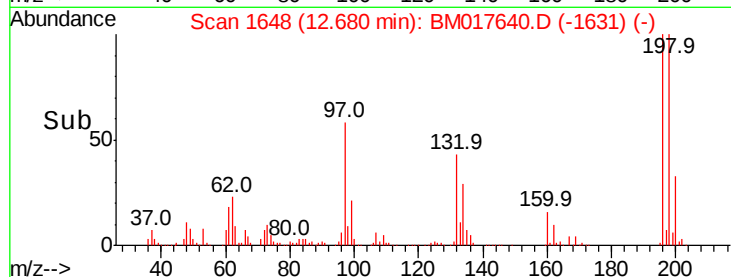
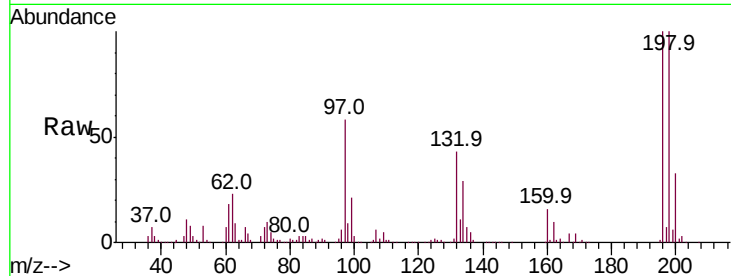
#43
 2,4,6-Trichlorophenol
 Concen: 46.490 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleID :
 PB114777BS

Tot Ion:	196	Resp:	543072
Ion Ratio	Lower	Upper	
196	100		
198	99.6	75.6	113.4
200	32.6	24.8	37.2

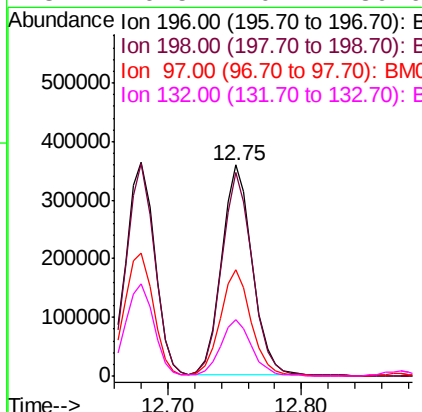
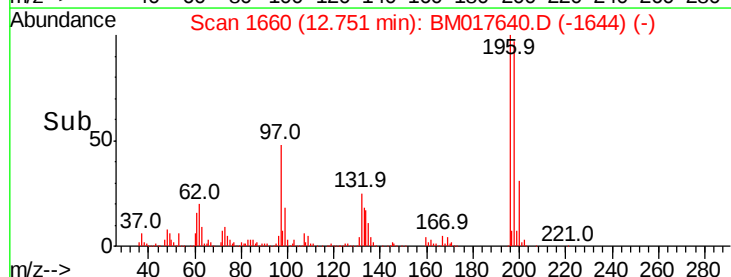
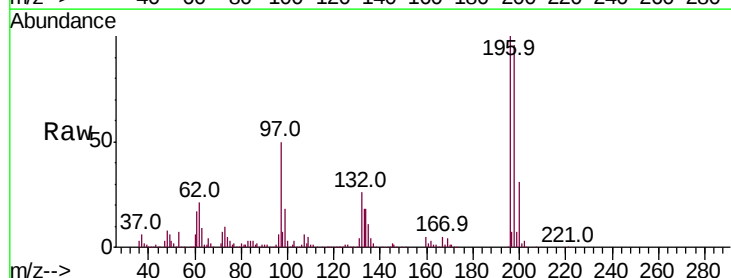
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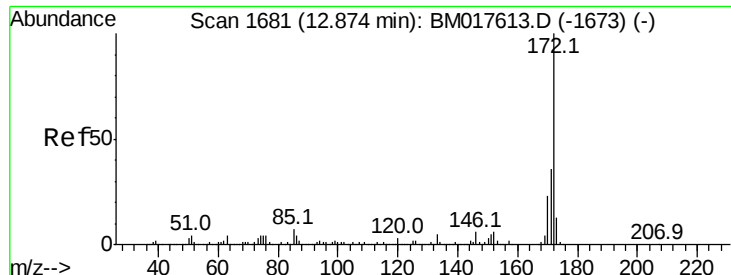
Sohil
 11/14/2018 5:18:18 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.147 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:	196	Resp:	581519
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.8	115.2
97	50.1	39.0	58.6
132	26.5	20.4	30.6





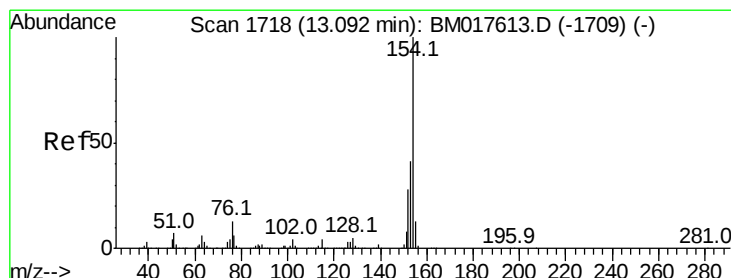
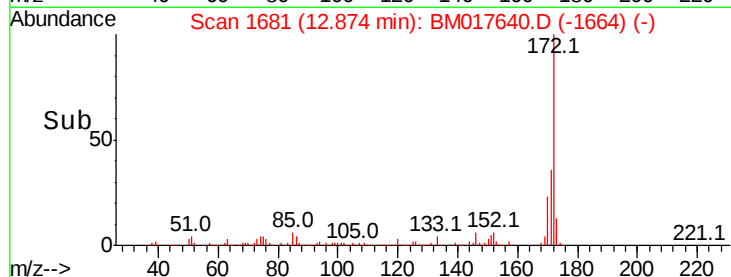
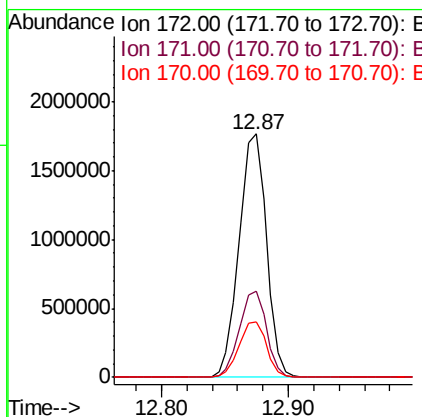
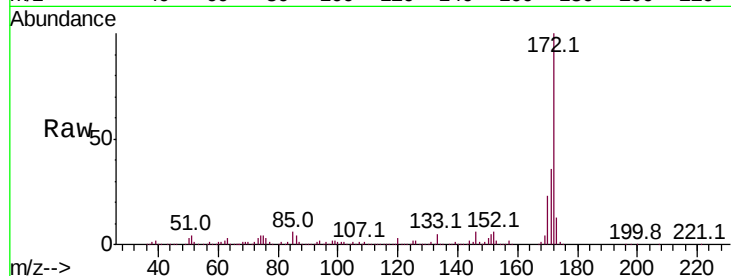
#45
2-Fluorobiphenyl
Concen: 65.075 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion:172 Resp: 2652897
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 22.9 18.3 27.5

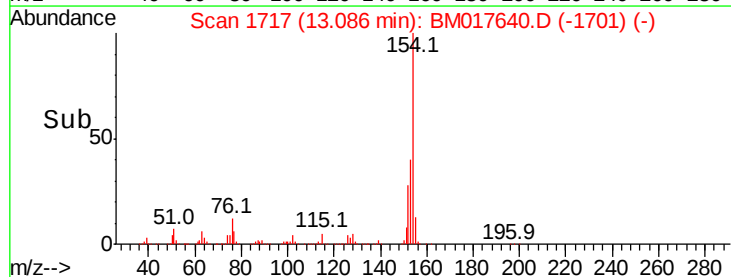
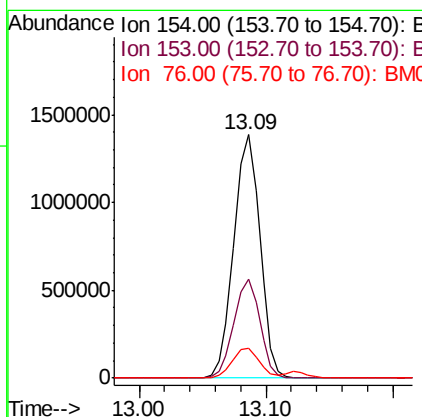
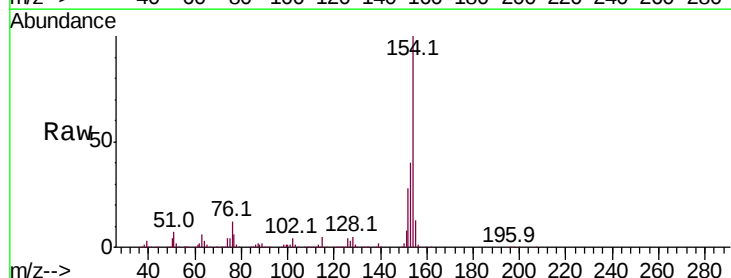
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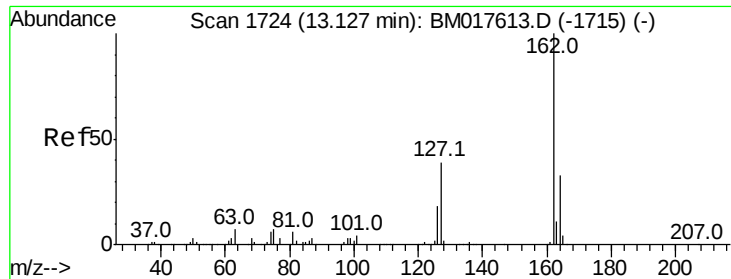
Sohil
11/14/2018 5:18:18 PM



#46
1,1'-Biphenyl
Concen: 41.724 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:154 Resp: 1980768
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 12.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.748 ng

RT: 13.12 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

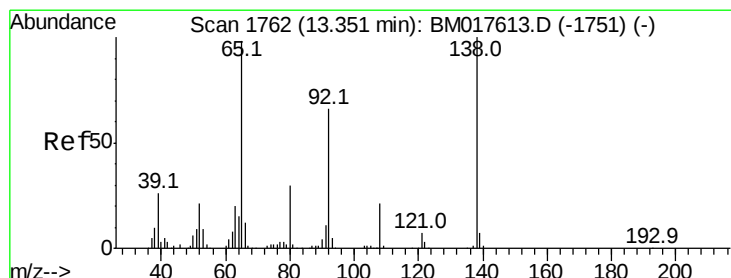
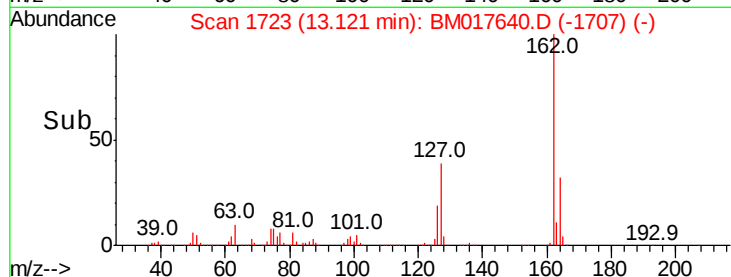
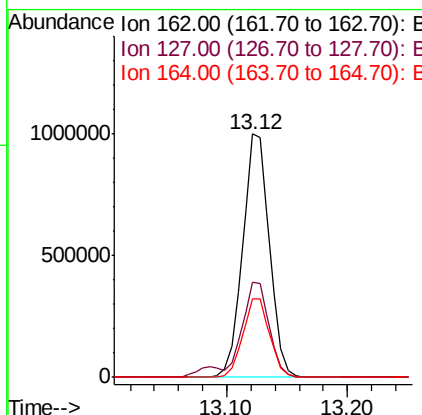
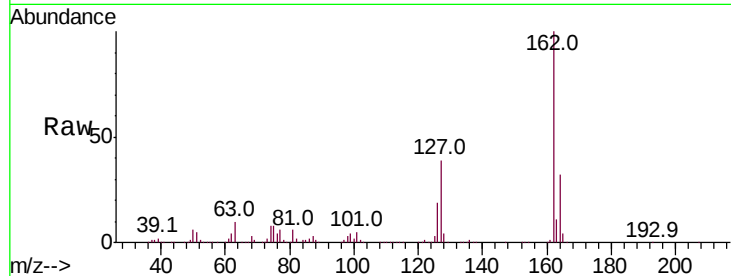
Instrument :
BNA_M

ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.6	48.8
164	32.4	26.5	39.7

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#48

2-Nitroaniline

Concen: 45.140 ng

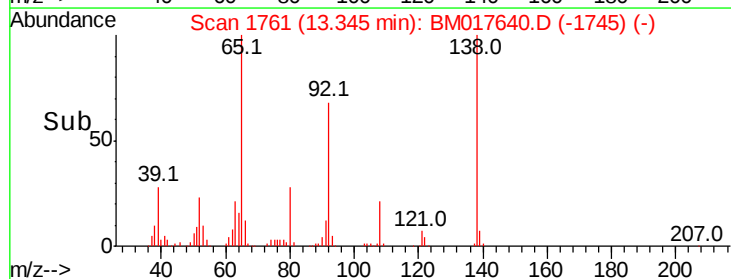
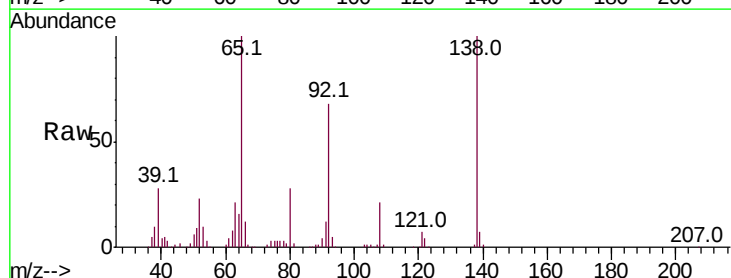
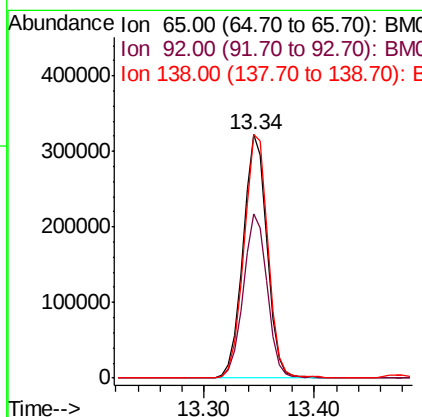
RT: 13.34 min Scan# 1761

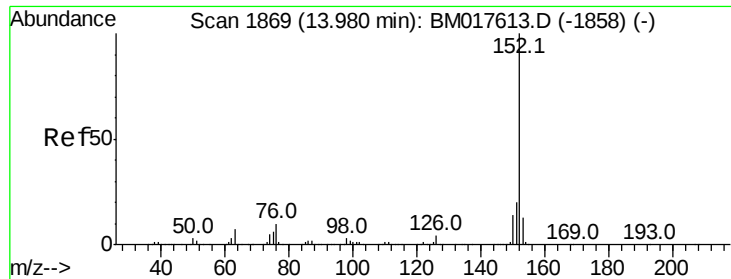
Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.7	80.5
138	100.0	81.5	122.3





#49

Acenaphthylene

Concen: 47.614 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tot Ion:152 Resp: 2520728

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

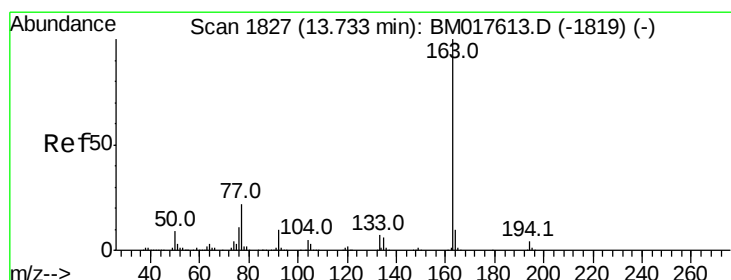
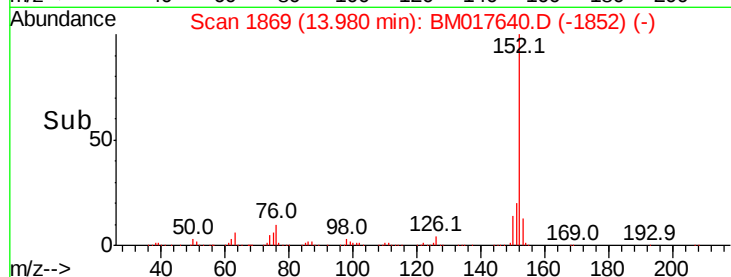
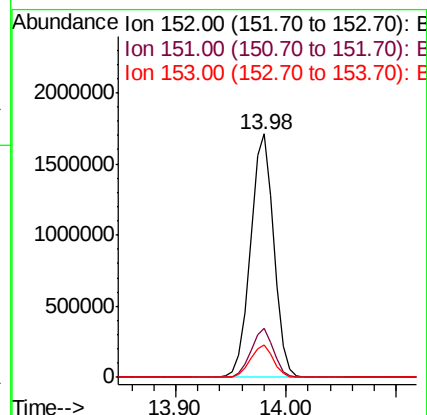
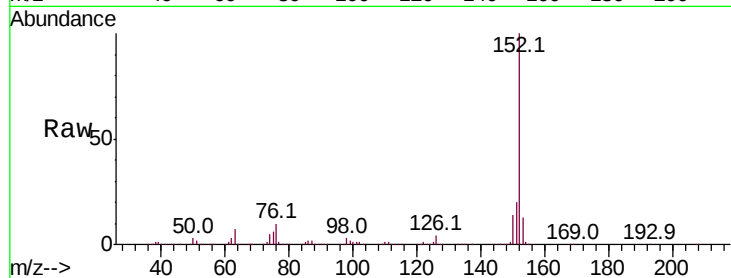
153 13.2 10.5 15.7

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#50

Dimethylphthalate

Concen: 45.036 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

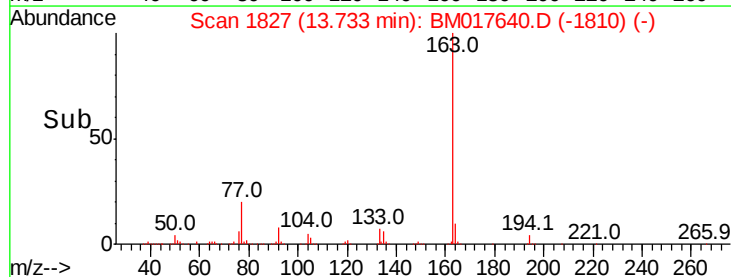
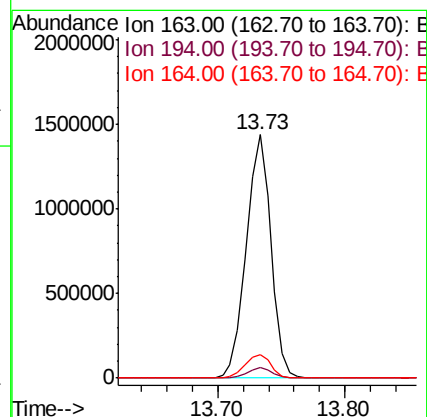
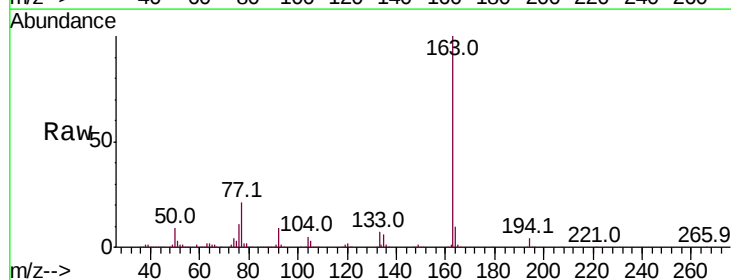
Tgt Ion:163 Resp: 1936543

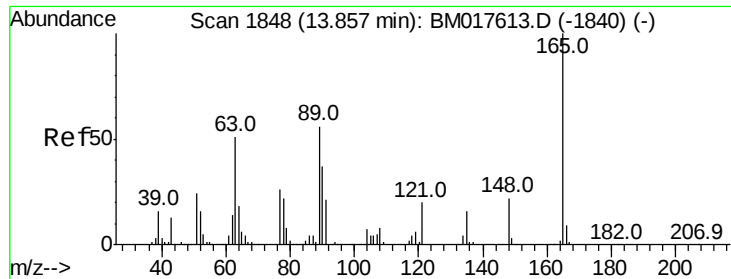
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.8 8.2 12.4





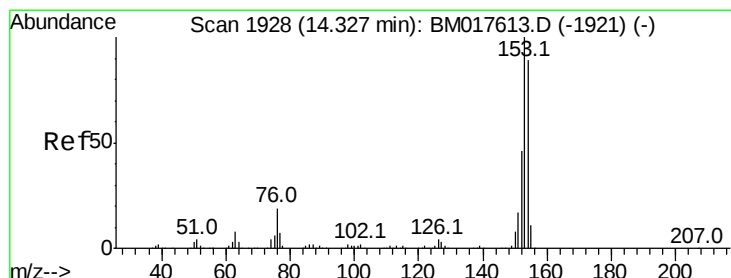
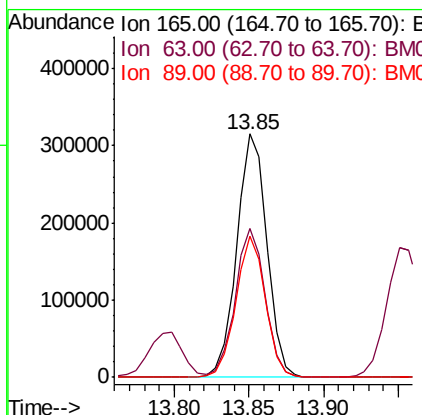
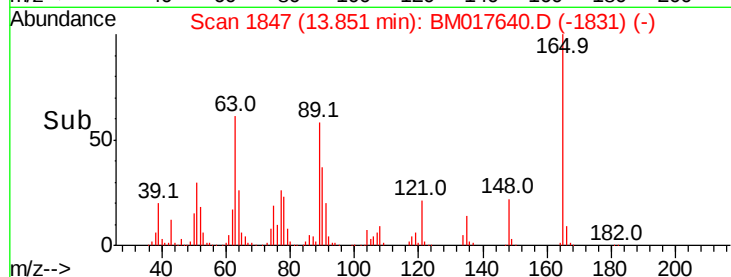
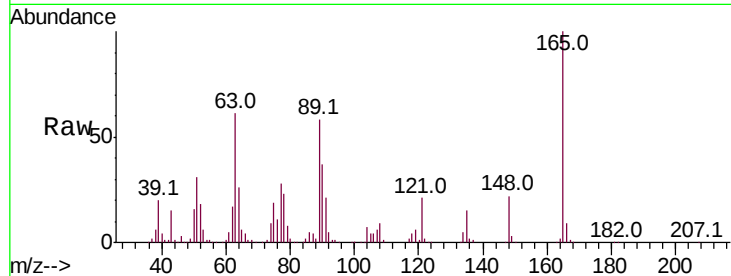
#51
2,6-Dinitrotoluene
Concen: 46.087 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampled :
PB114777BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.3	47.3	70.9
89	58.3	44.8	67.2

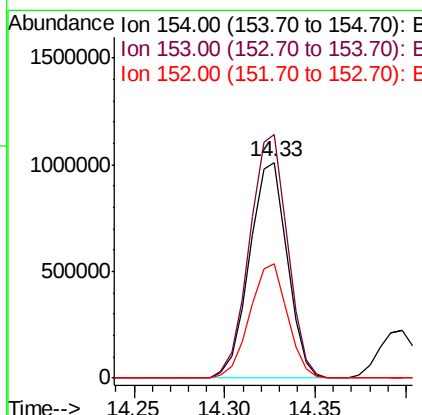
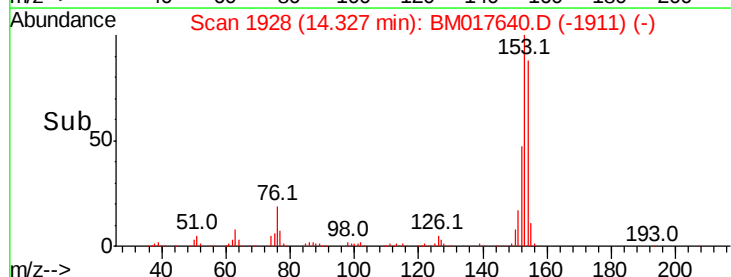
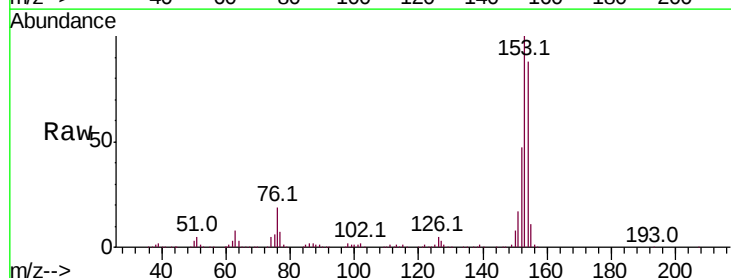
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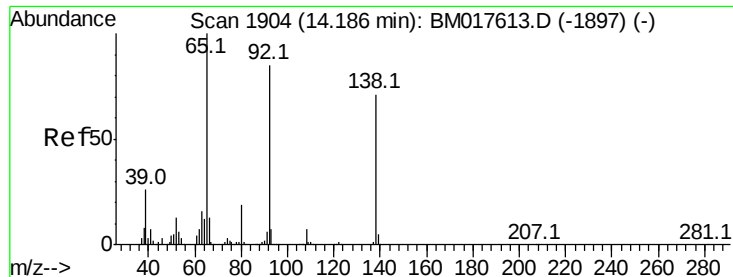
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#52
Acenaphthene
Concen: 45.159 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.4
152	52.8	41.6	62.4





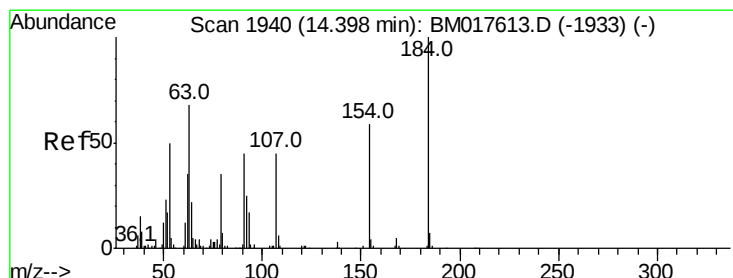
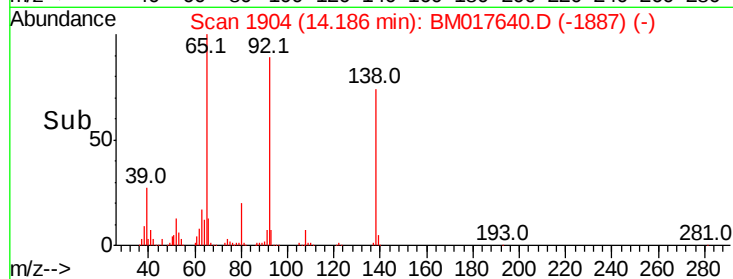
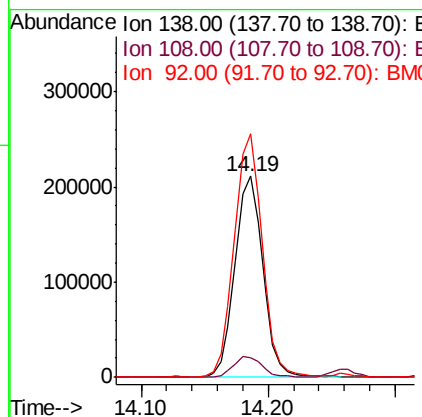
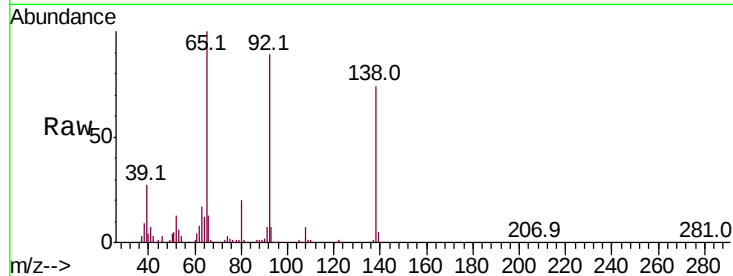
#53
3-Nitroaniline
Concen: 31.089 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.2	12.2
92	121.2	95.4	143.2

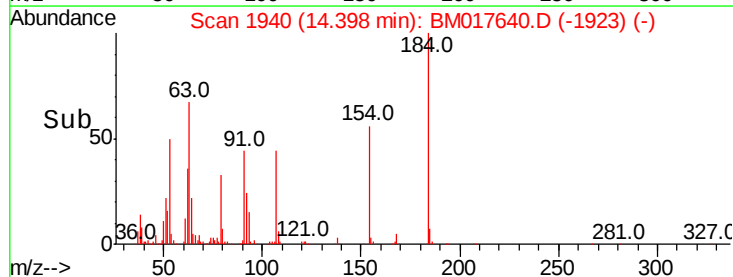
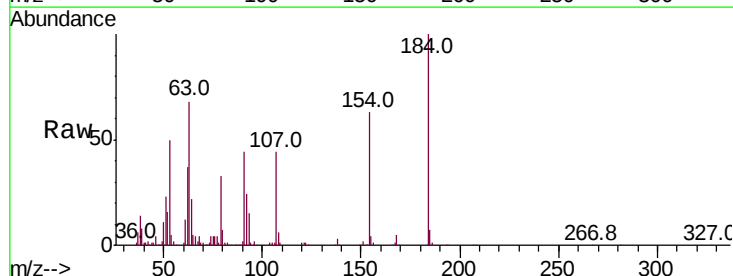
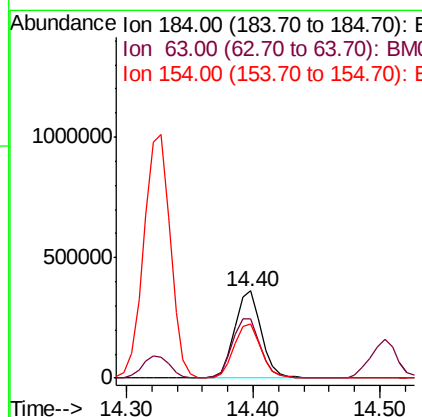
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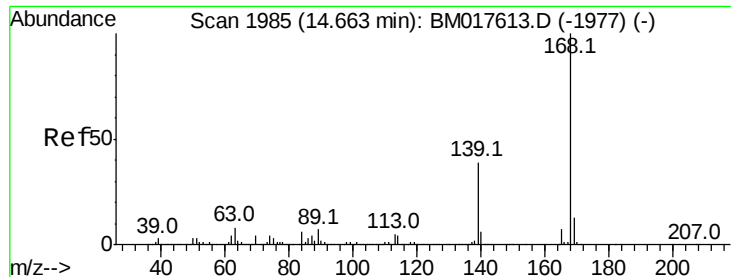
Sohil
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#54
2,4-Dinitrophenol
Concen: 89.585 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.6	55.1	82.7
154	63.0	51.3	76.9





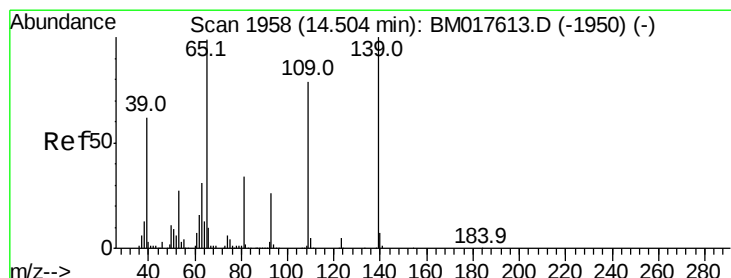
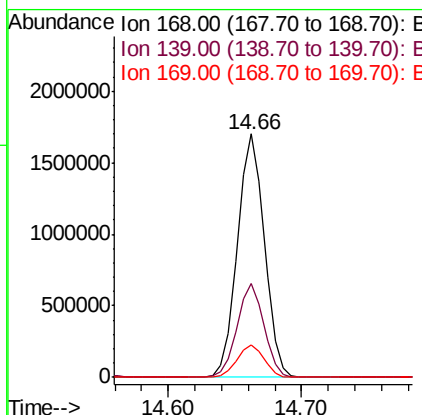
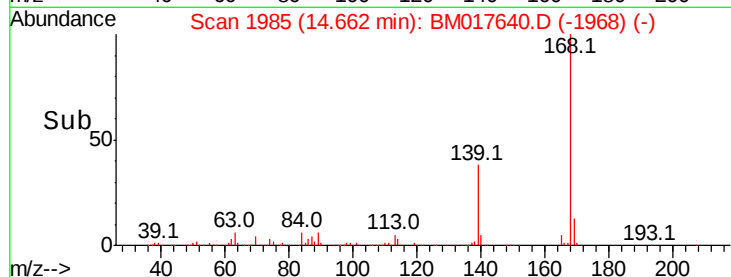
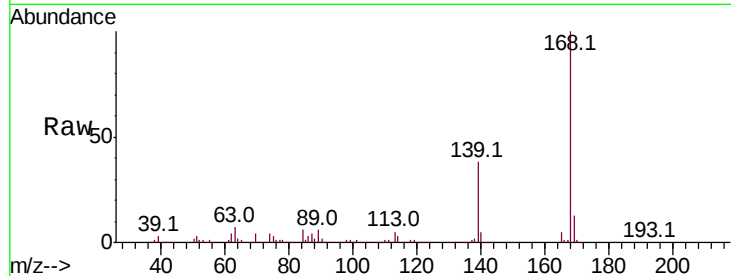
#55
Dibenzofuran
Concen: 44.856 ng
RT: 14.66 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.0	46.6
169	13.4	10.6	16.0

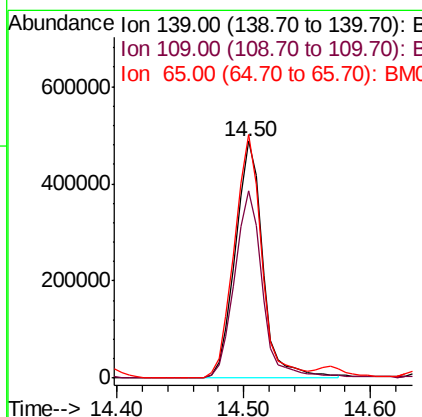
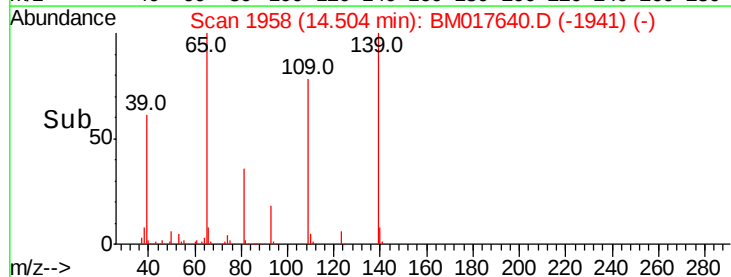
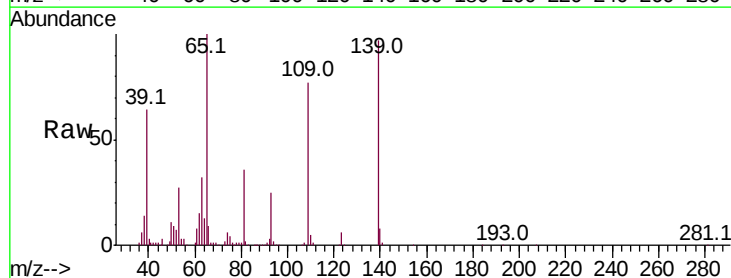
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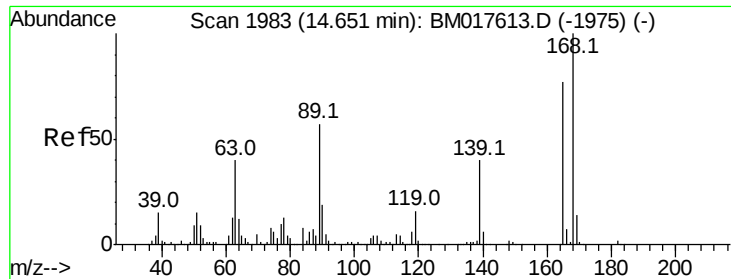
Sohil
11/14/2018 5:18:18 PM



#56
4-Nitrophenol
Concen: 83.424 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.1	58.6	98.6
65	102.7	79.5	119.5





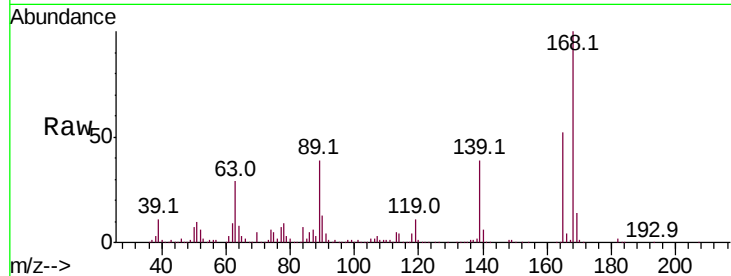
#57
2,4-Dinitrotoluene
Concen: 47.574 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	614031		
63	55.0	41.8	62.8	
89	74.1	59.5	89.3	
182	3.3	2.3	3.5	

Manual Integrations
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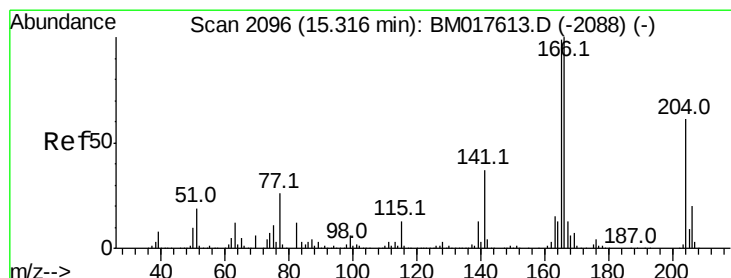
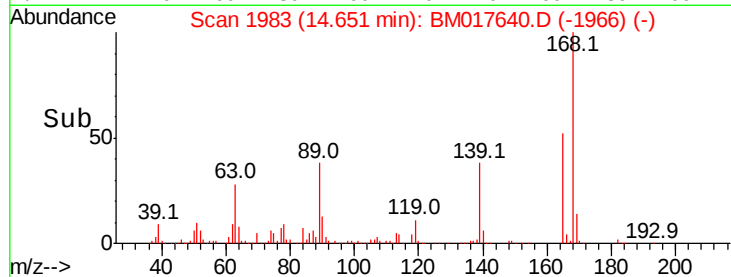
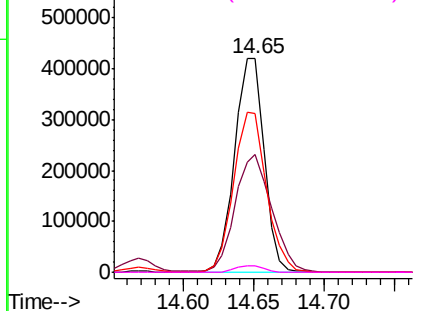
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.068 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

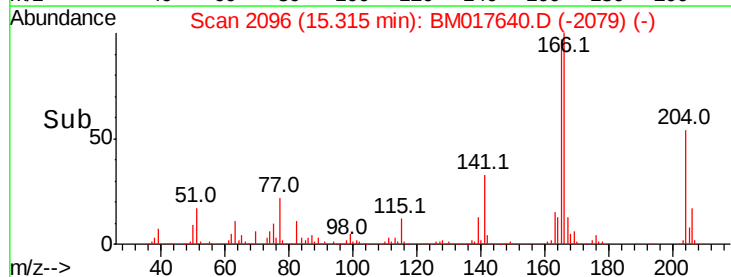
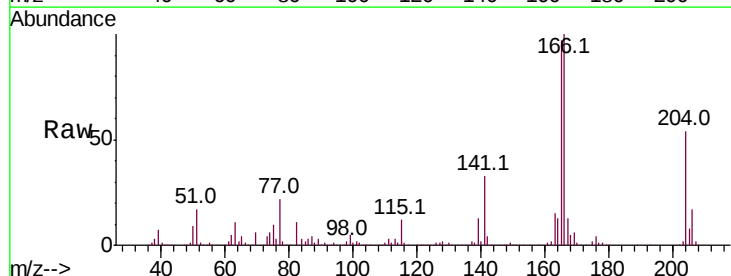
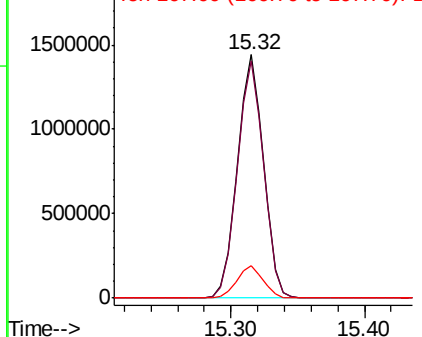
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1953832		
165	97.3	79.0	118.6	
167	13.5	10.8	16.2	

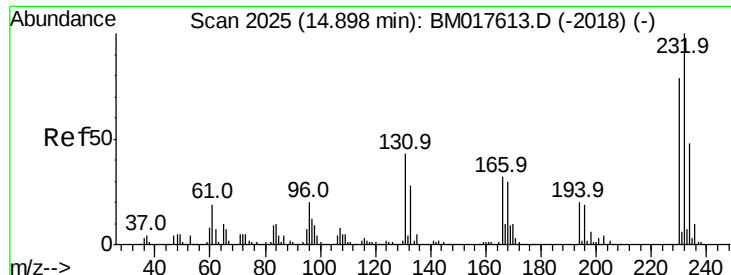
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





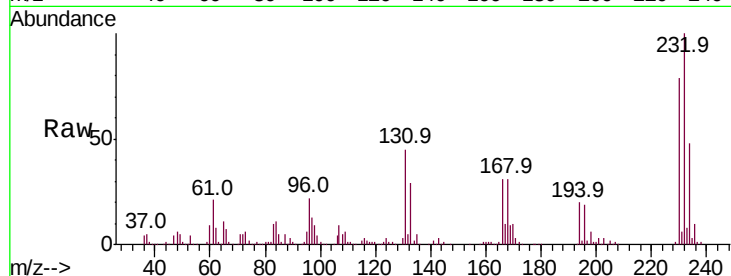
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.062 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	545254		
131	45.2		34.8	52.2
130	2.4		1.9	2.9
166	31.7		25.3	37.9

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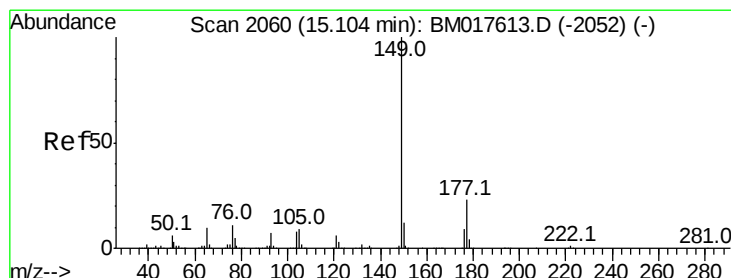
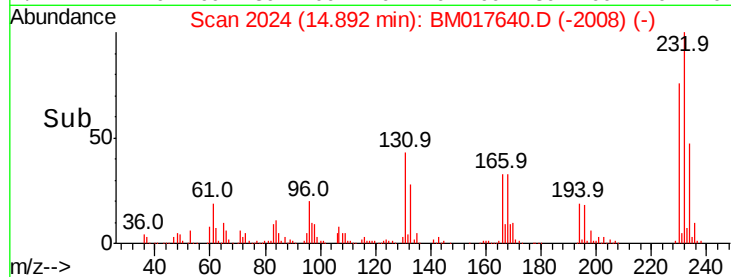
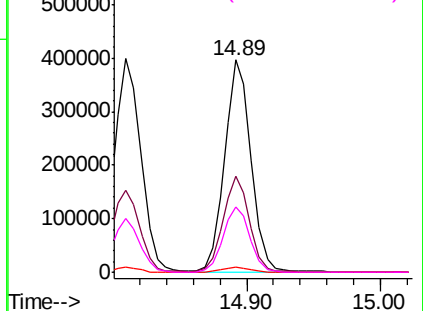
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

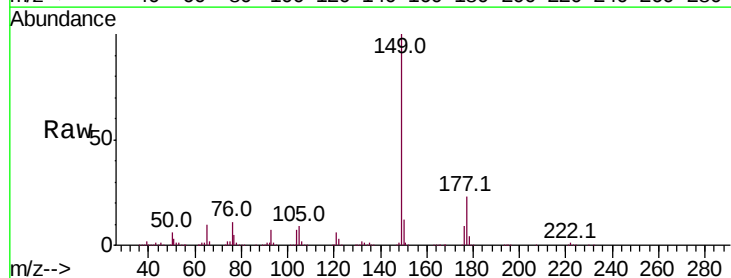
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.645 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1981332		
177	22.9		18.1	27.1
150	12.4		9.9	14.9

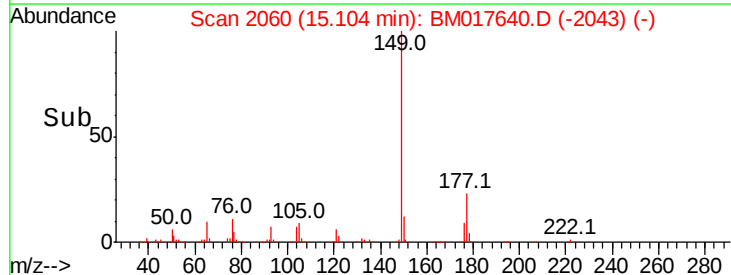
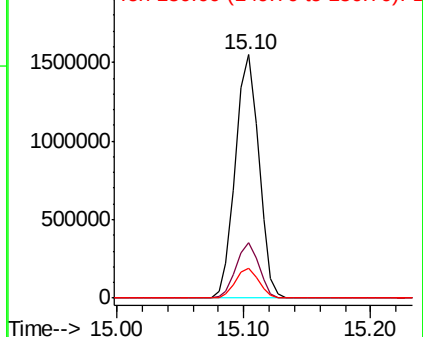


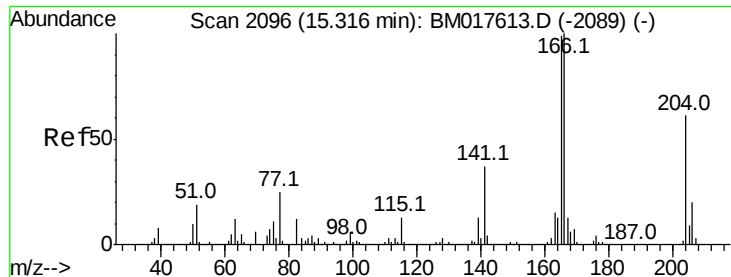
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





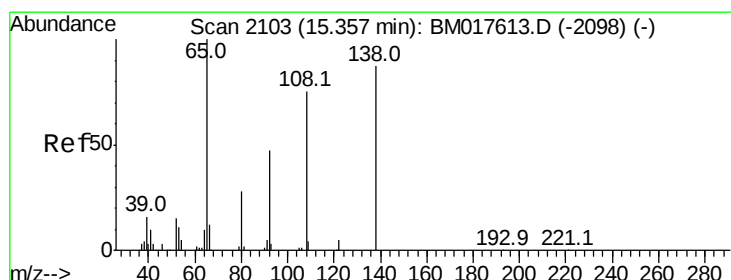
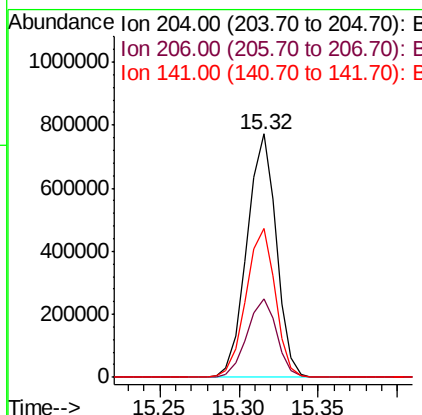
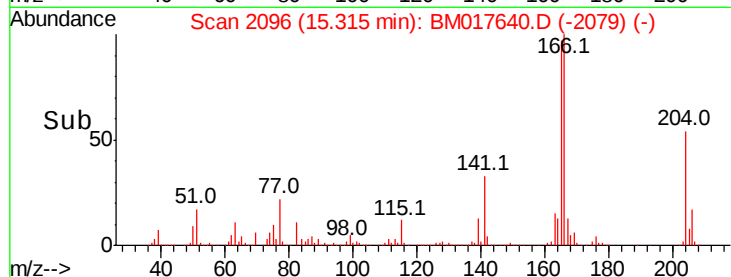
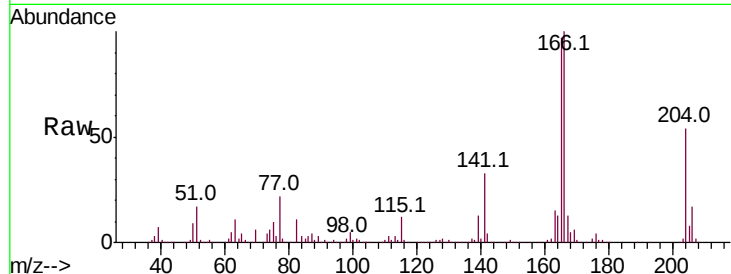
#61
 4-Chlorophenyl-phenylether
 Concen: 43.059 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampled :
 PB114777BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	60.9	47.9	71.9

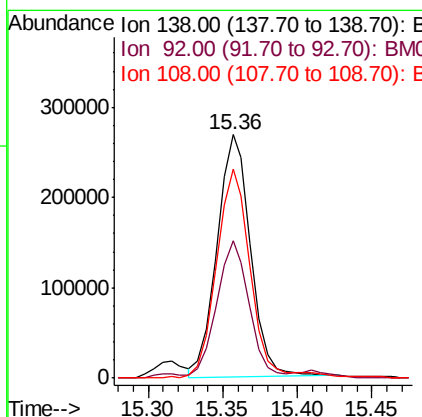
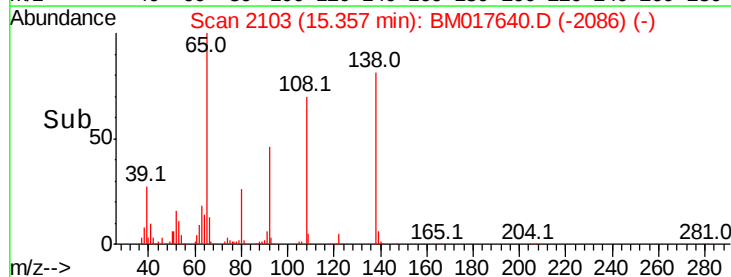
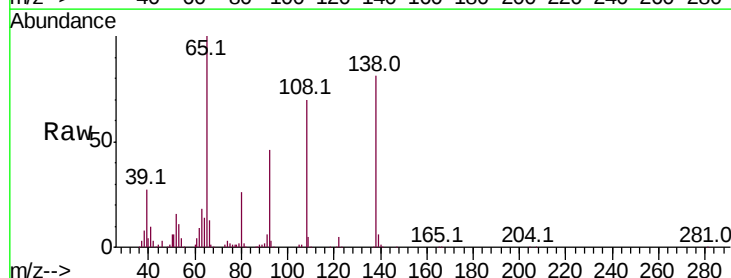
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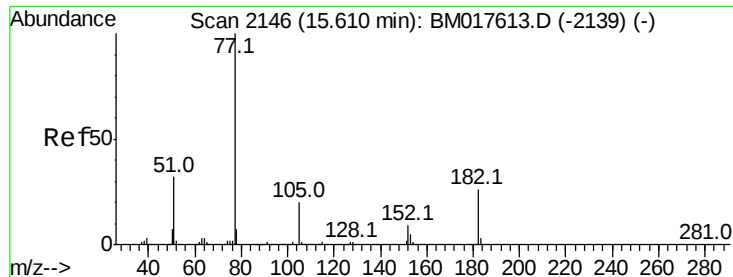
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#62
 4-Nitroaniline
 Concen: 42.769 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	33.4	73.4
108	86.0	64.3	104.3





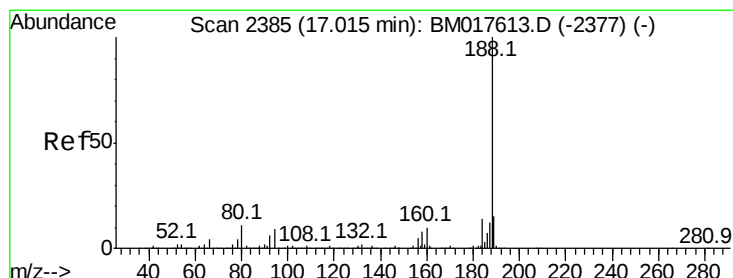
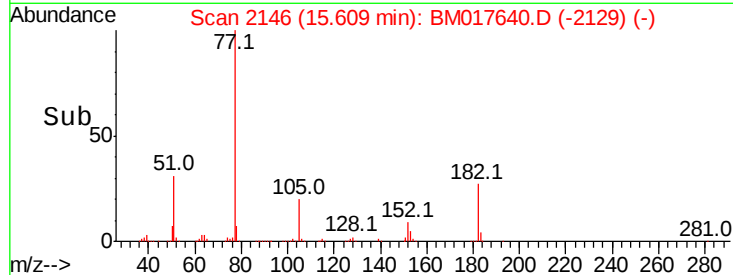
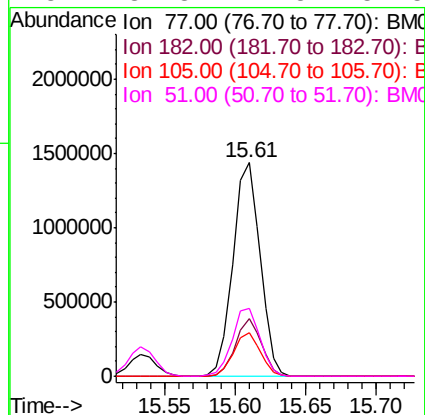
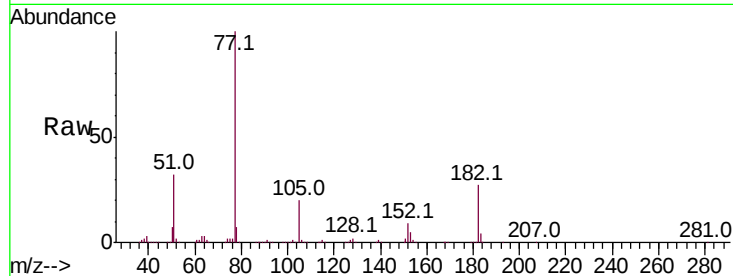
#63
Azobenzene
Concen: 44.900 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	77	Resp	1928448
Ion	Ratio	Lower	Upper
77	100		
182	26.7	5.8	45.8
105	20.3	0.0	40.0
51	31.8	12.5	52.5

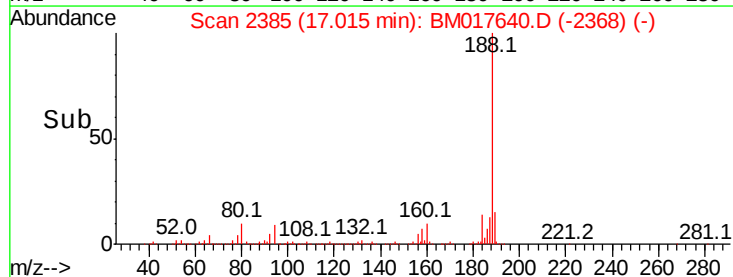
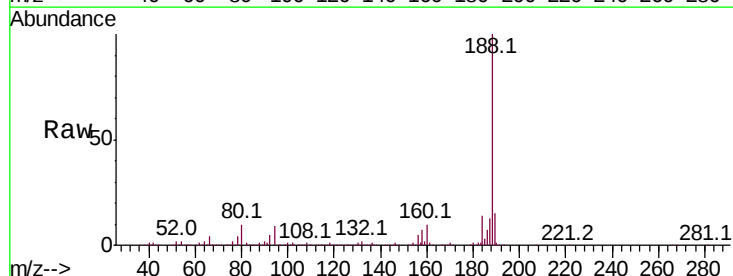
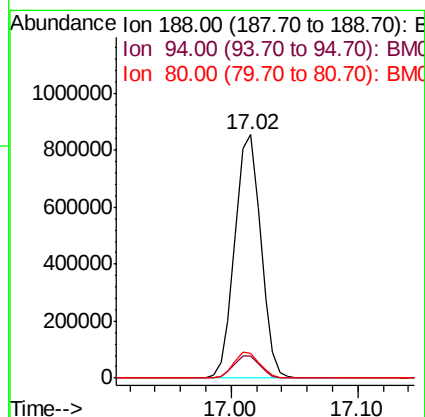
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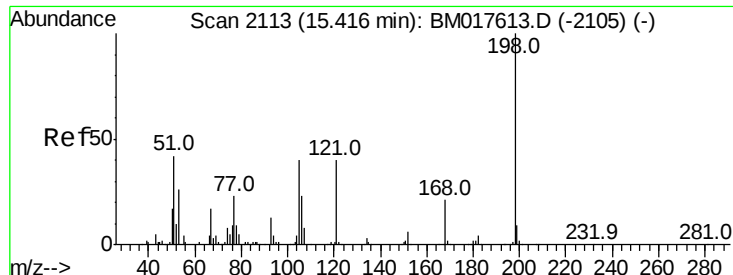
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	188	Resp	1211372
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	10.2	8.6	13.0





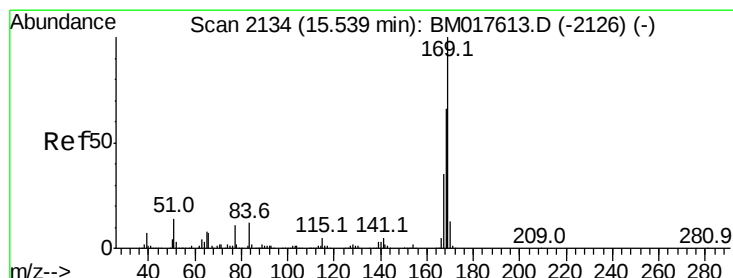
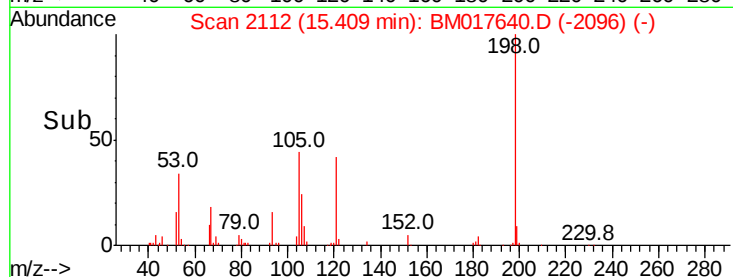
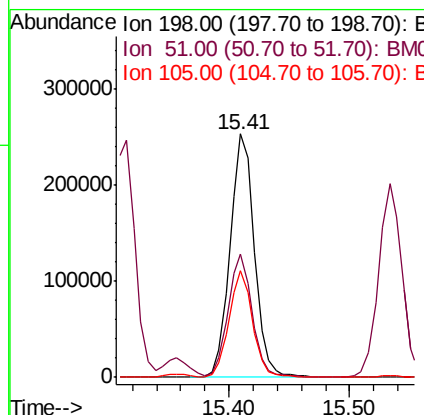
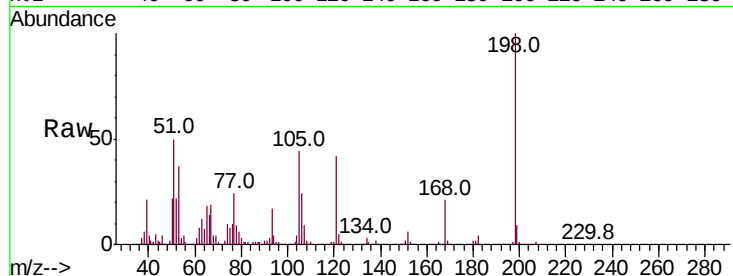
#65
4,6-Dinitro-2-methylphenol
Concen: 42.404 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	355843		
51	50.4	25.9	65.9	
105	43.8	20.6	60.6	

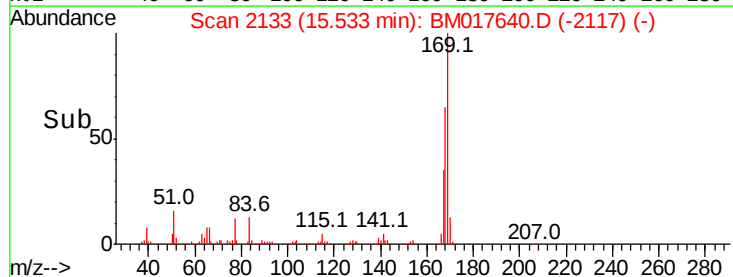
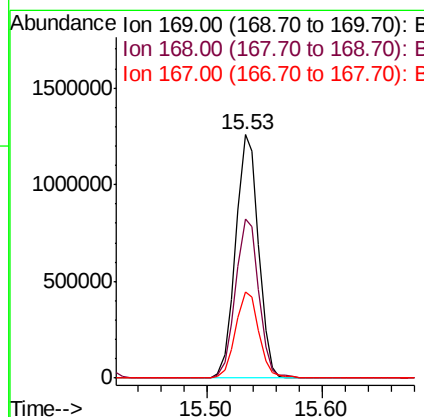
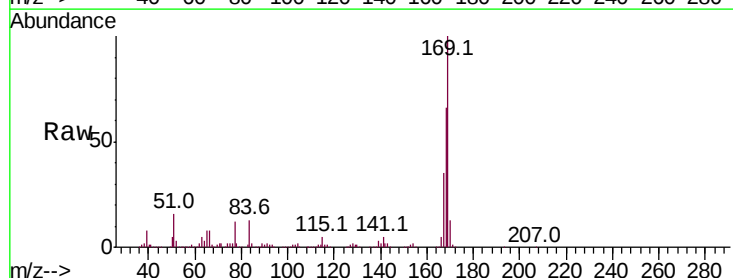
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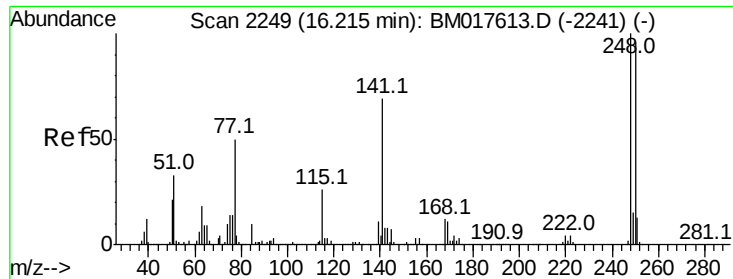
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#66
n-Nitrosodiphenylamine
Concen: 44.132 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1718794		
168	65.6	53.0	79.6	
167	35.2	28.0	42.0	





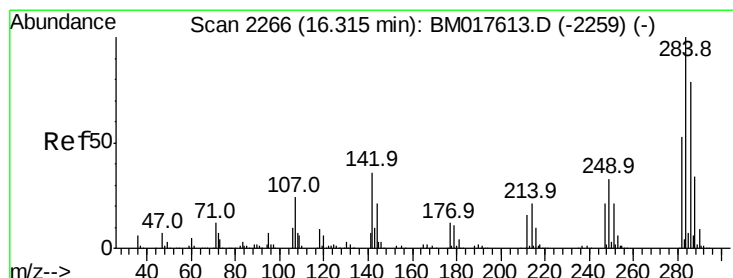
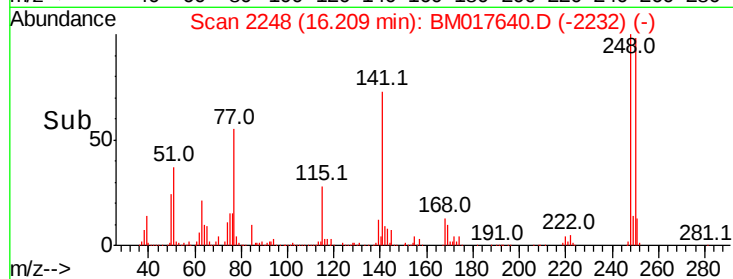
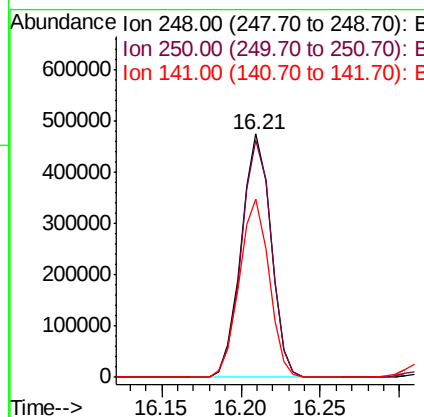
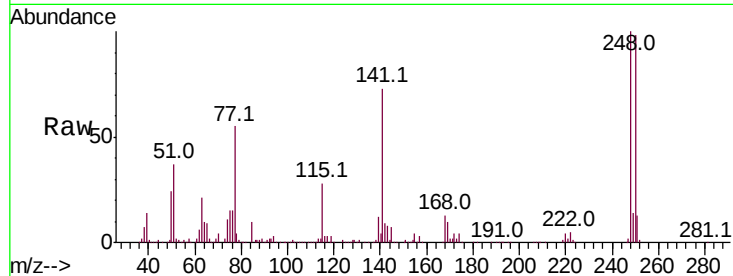
#67
4-Bromophenyl-phenylether
Concen: 43.114 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.5	114.7
141	73.1	54.9	82.3

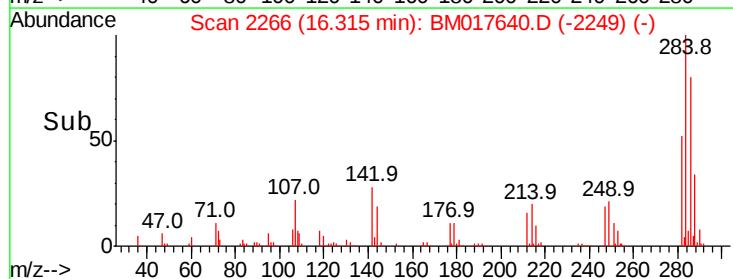
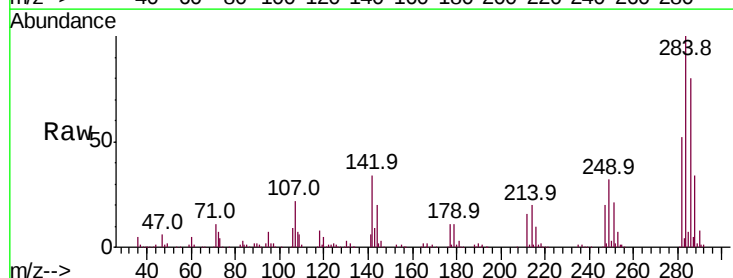
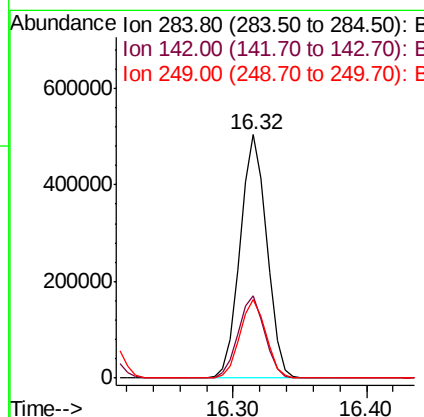
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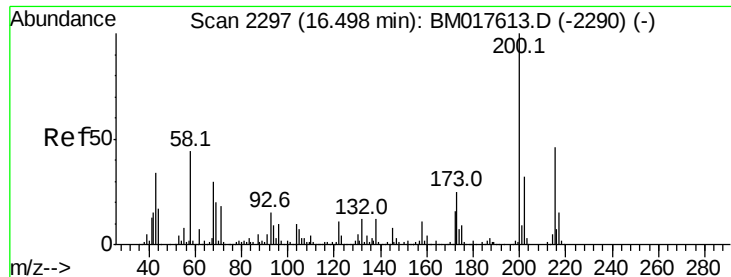
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#68
Hexachlorobenzene
Concen: 43.013 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.4	42.6
249	32.2	26.4	39.6





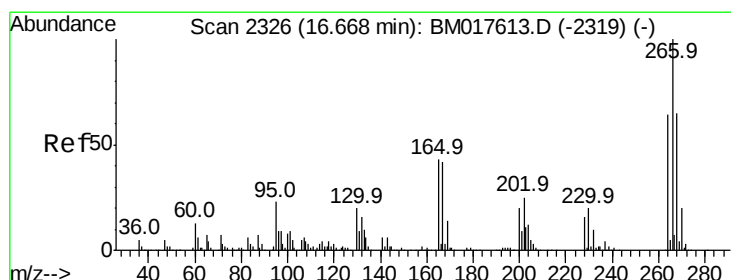
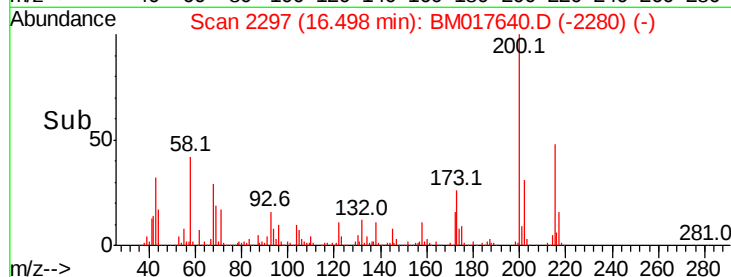
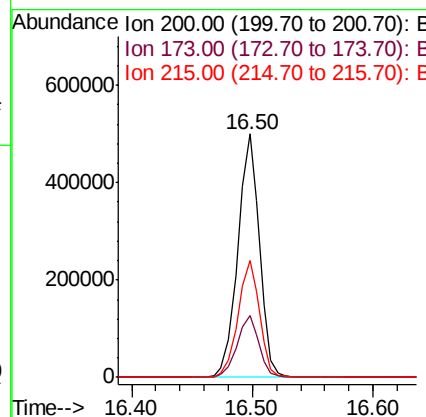
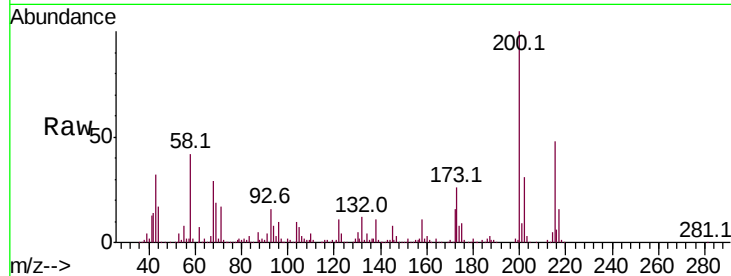
#69
Atrazine
Concen: 43.552 ng
RT: 16.50 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.1	45.1
215	47.9	25.8	65.8

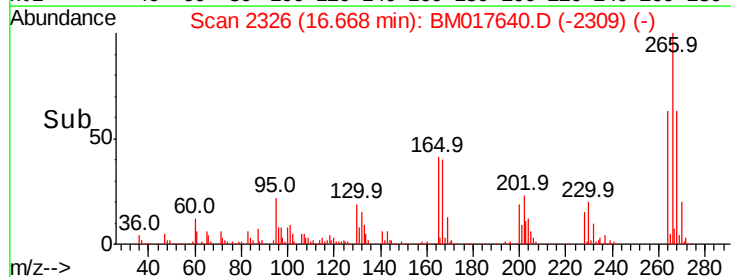
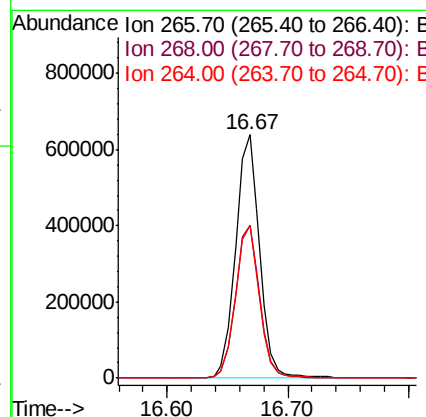
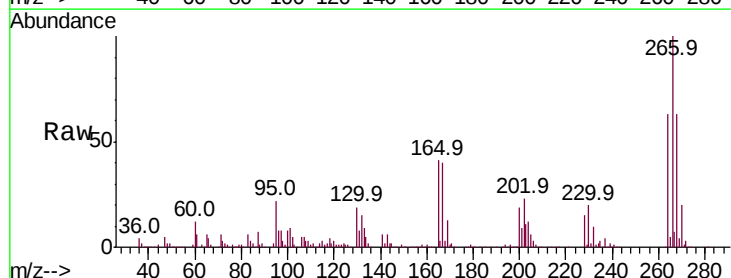
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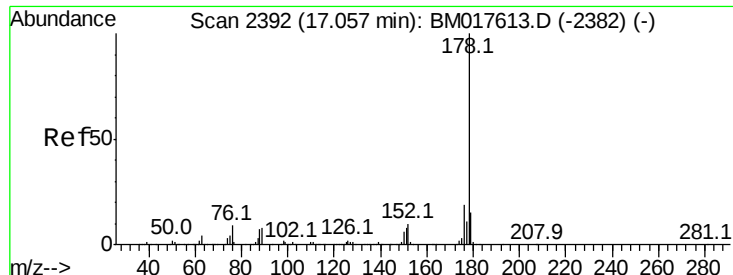
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#70
Pentachlorophenol
Concen: 77.990 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.7	77.5
264	62.9	51.3	76.9





#71

Phenanthrene

Concen: 46.759 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tot Ion:178 Resp: 3073546

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

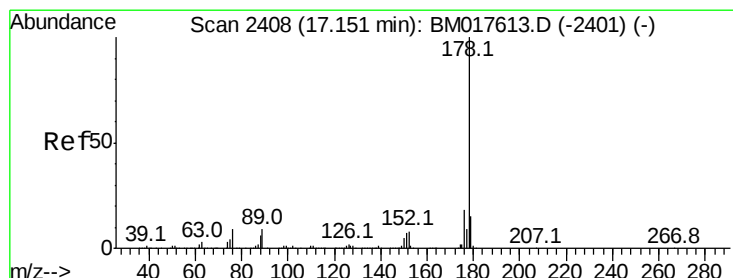
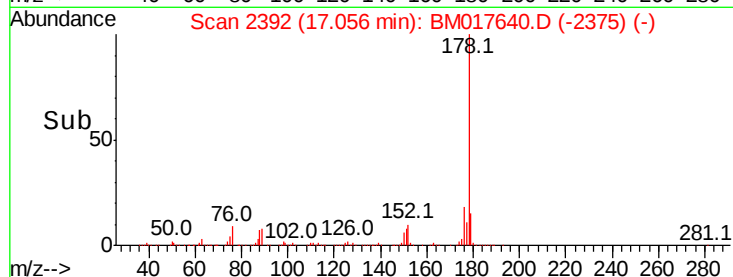
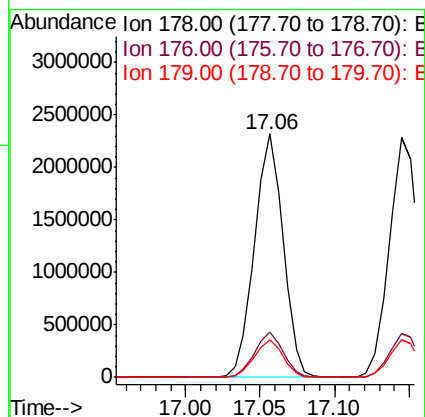
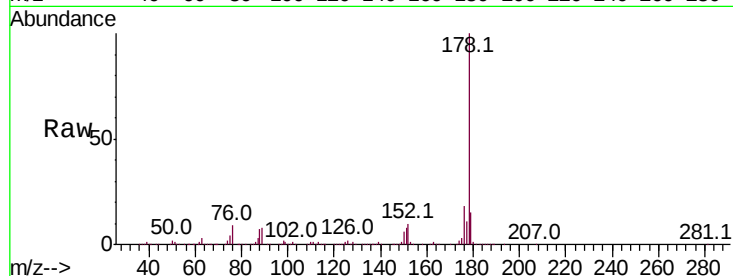
179 15.4 12.4 18.6

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#72

Anthracene

Concen: 49.130 ng

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

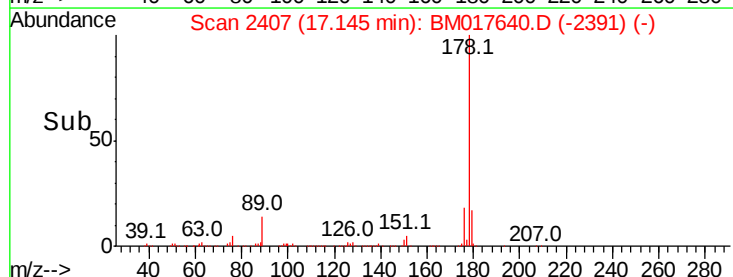
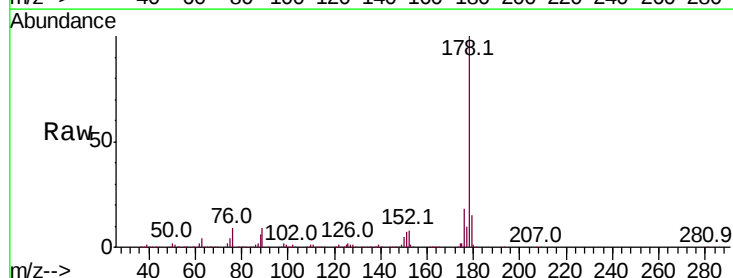
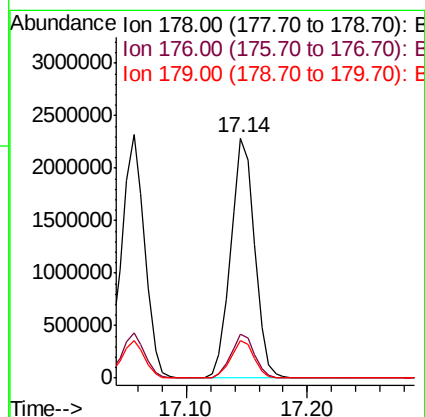
Tgt Ion:178 Resp: 3142508

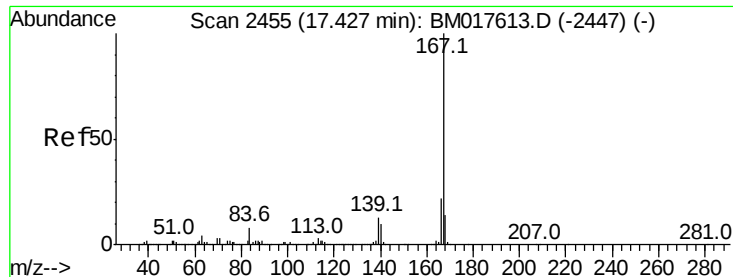
Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.5 12.3 18.5





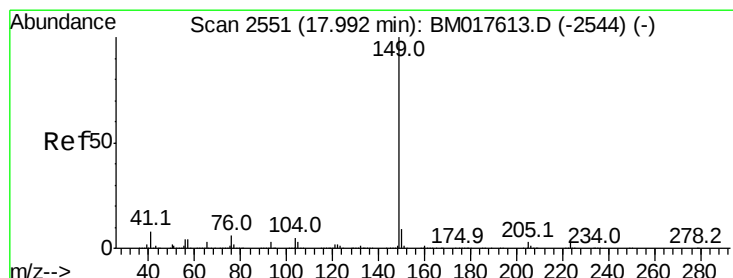
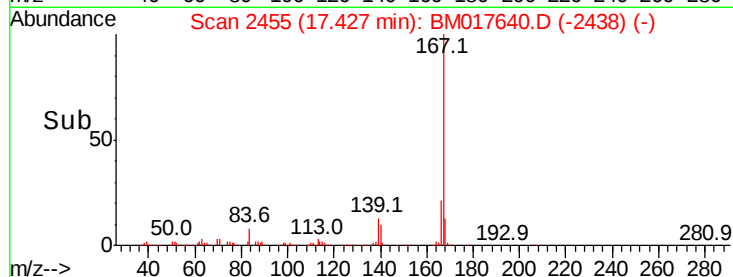
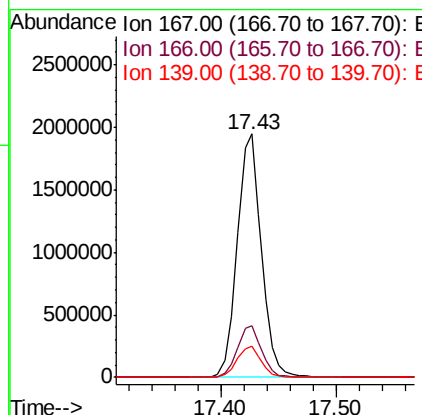
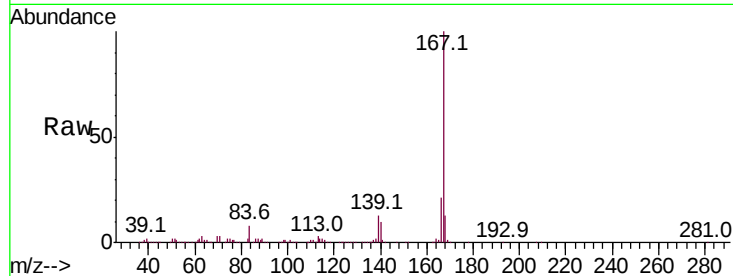
#73
 Carbazole
 Concen: 43.520 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.6	10.2	15.4

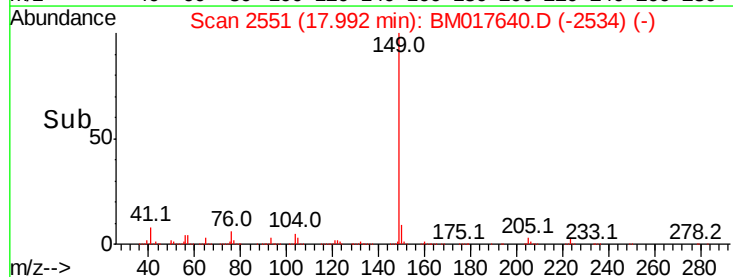
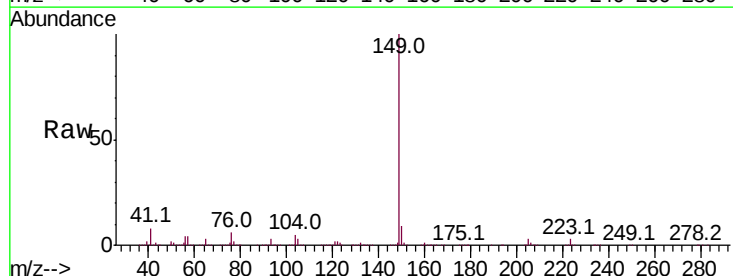
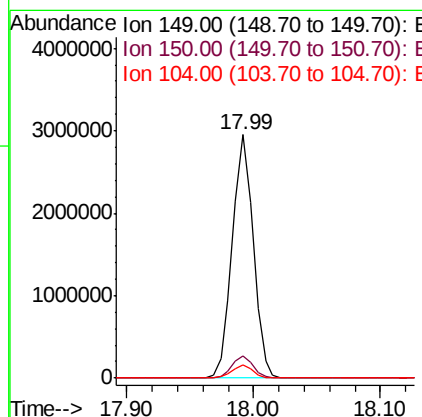
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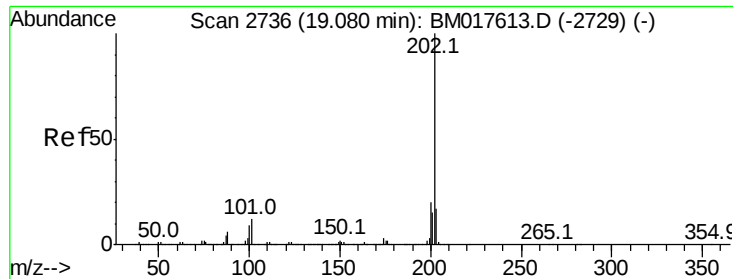
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#74
 Di-n-butylphthalate
 Concen: 46.848 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 47.419 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

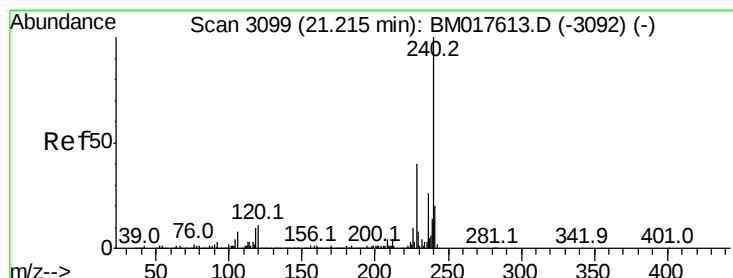
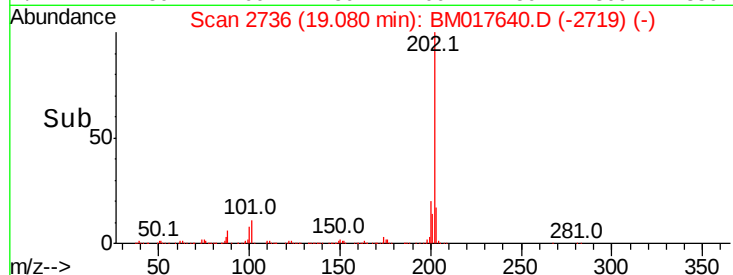
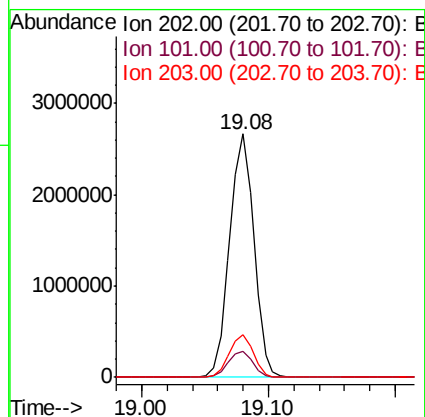
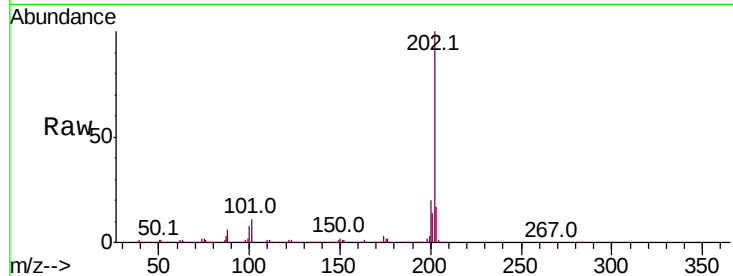
ClientSampleId :

PB114777BS

Tot Ion:	202	Resp:	3526672
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.3	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

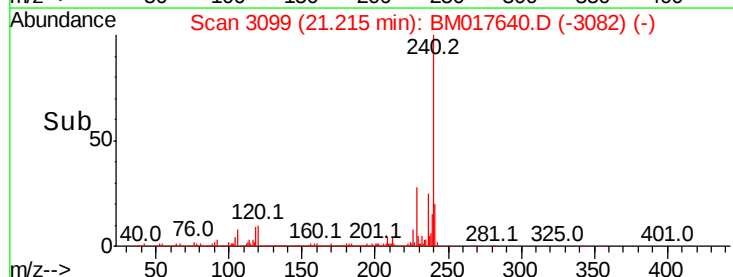
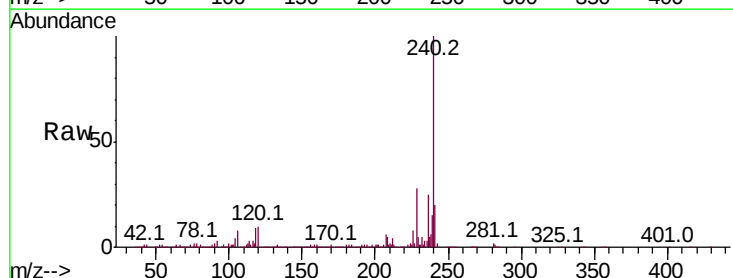
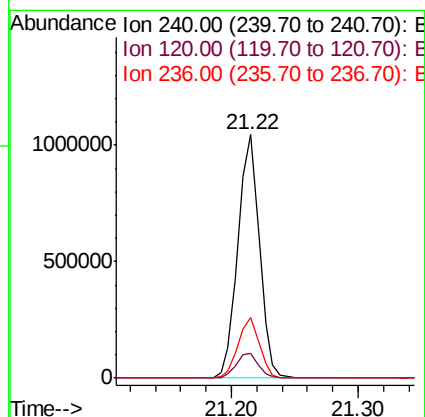
RT: 21.22 min Scan# 3099

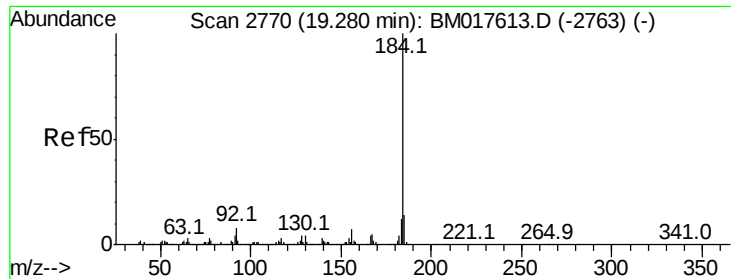
Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion:	240	Resp:	1222156
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	24.9	20.4	30.6





#77

Benzidine

Concen: 54.601 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tot Ion:184 Resp: 2173030

Ion Ratio Lower Upper

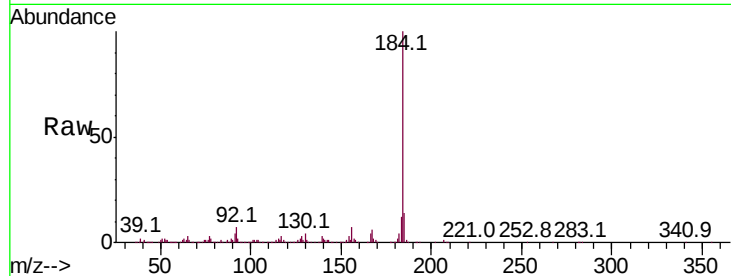
184 100

185 13.9 11.2 16.8

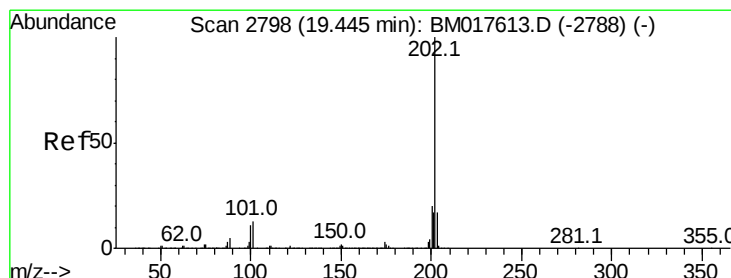
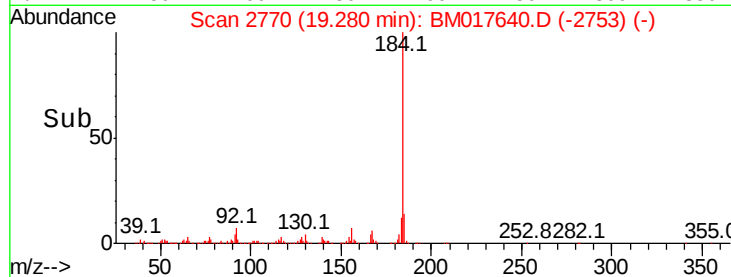
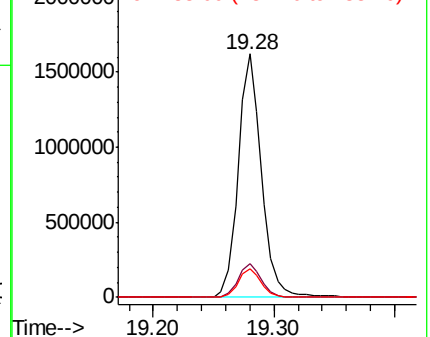
183 11.7 9.5 14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.239 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

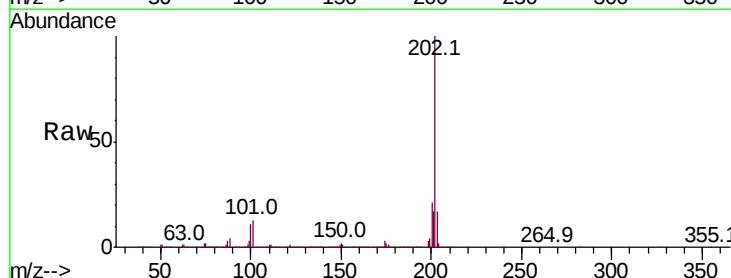
Tgt Ion:202 Resp: 3637638

Ion Ratio Lower Upper

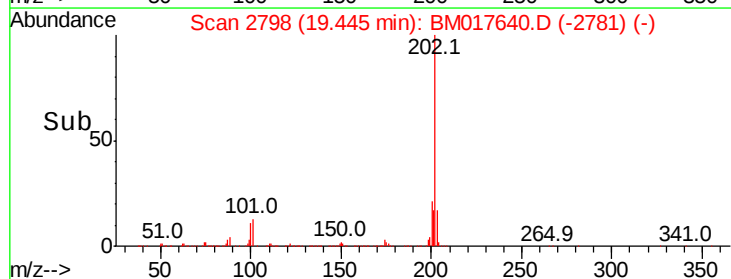
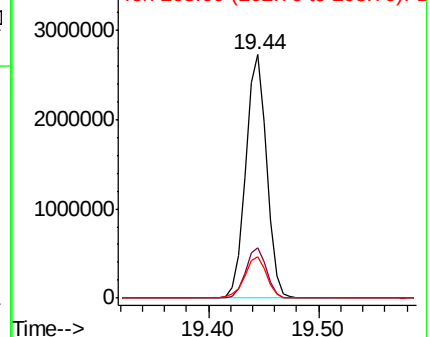
202 100

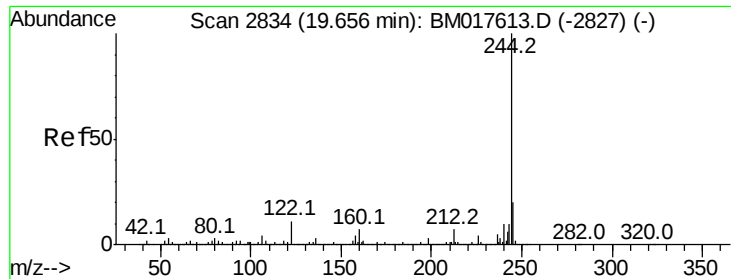
200 20.5 16.4 24.6

203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 75.583 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

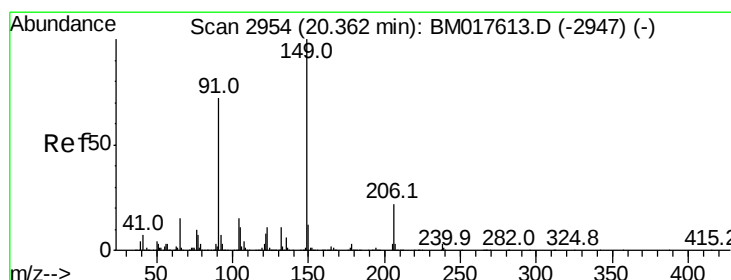
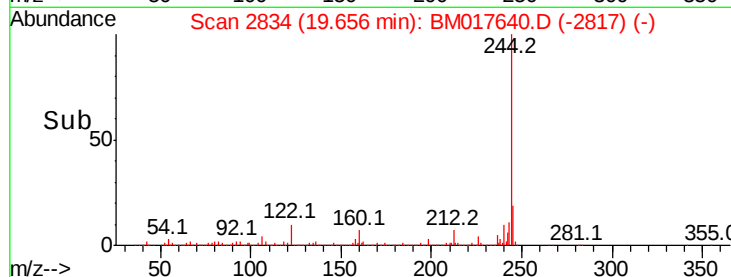
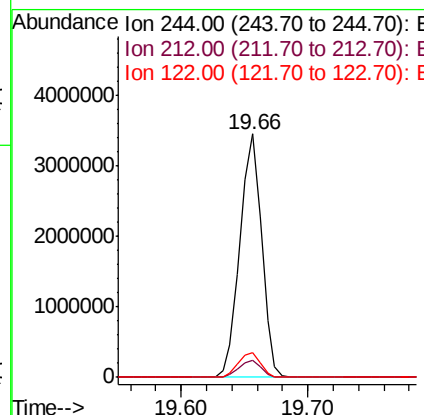
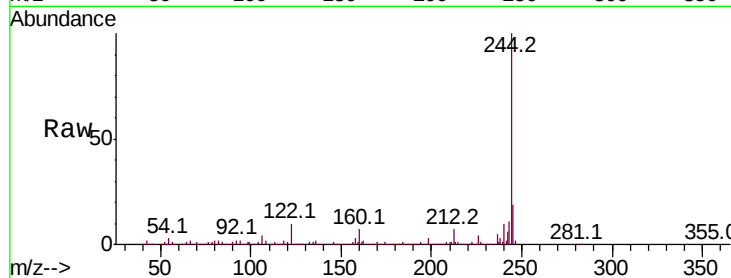
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tot Ion:244 Resp: 4075757

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.4	9.0	13.6

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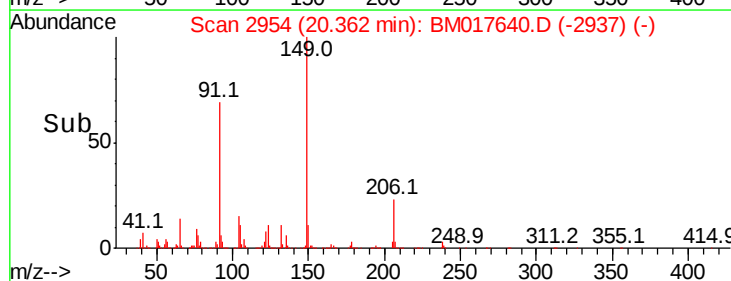
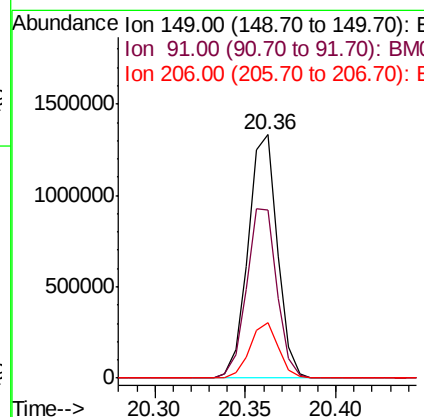
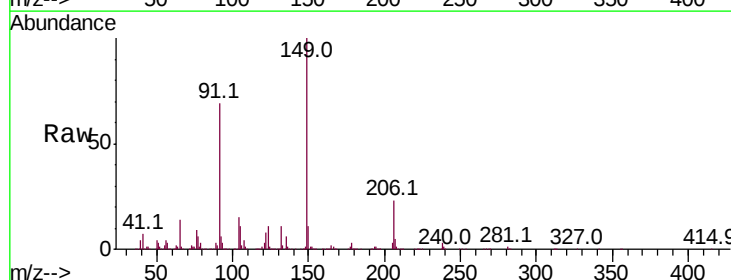
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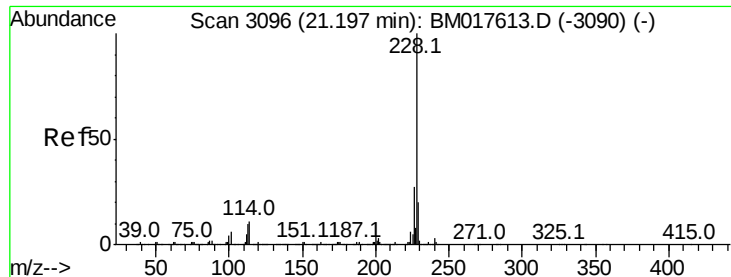


#80
 Butylbenzylphthalate
 Concen: 48.992 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:149 Resp: 1500528

Ion	Ratio	Lower	Upper
149	100		
91	69.0	57.6	86.4
206	22.7	17.4	26.0





#81

Benzo(a)anthracene

Concen: 47.732 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

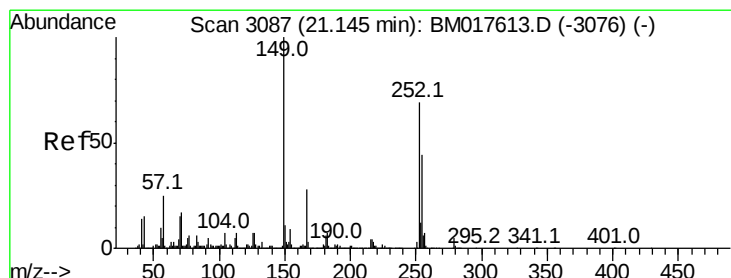
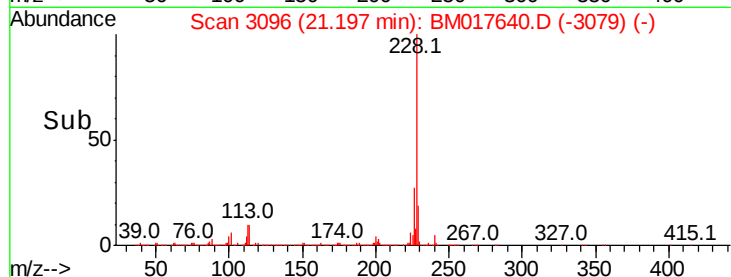
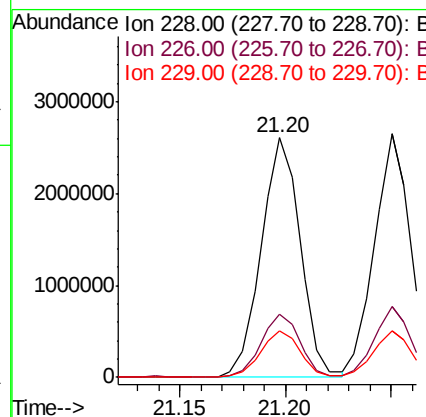
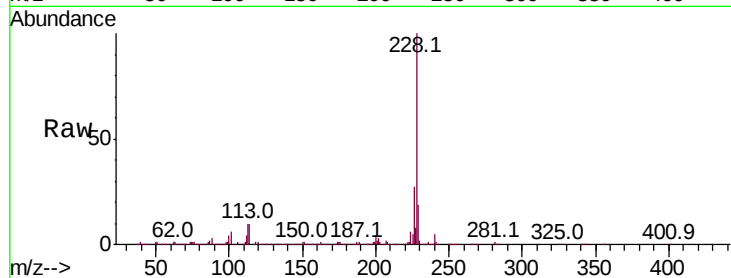
ClientSampleId :

PB114777BS

Tot Ion:	228	Resp:	3360816
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.4	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.691 ng

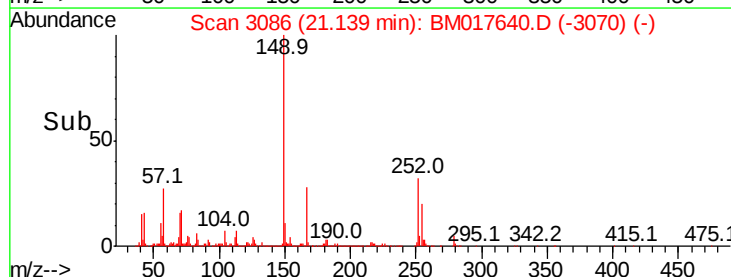
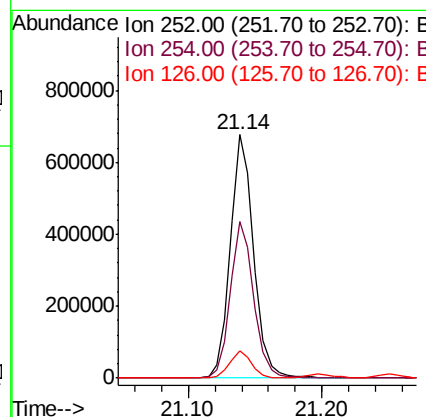
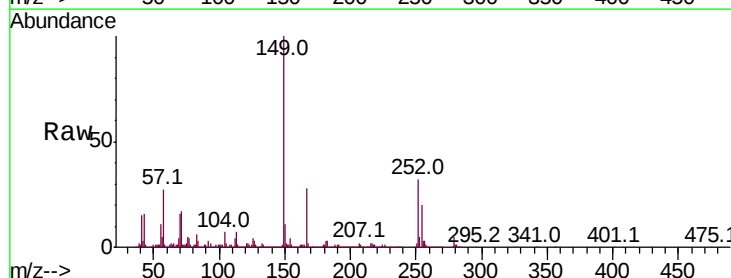
RT: 21.14 min Scan# 3086

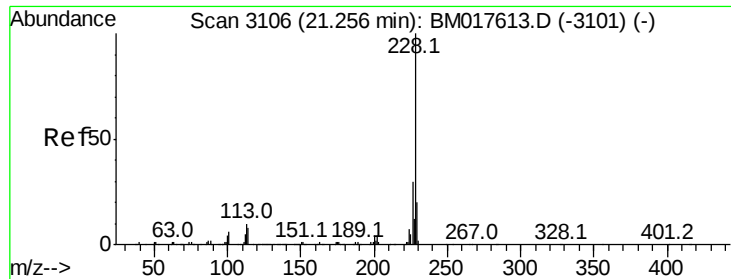
Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion:	252	Resp:	834025
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	11.1	8.0	12.0





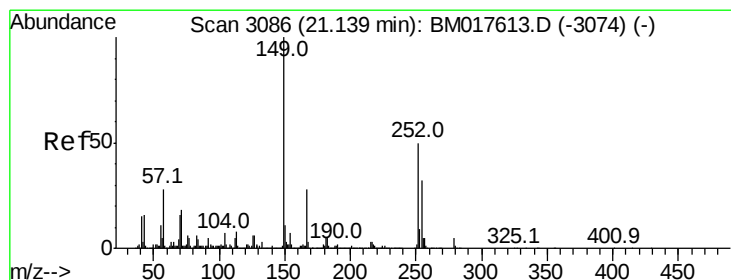
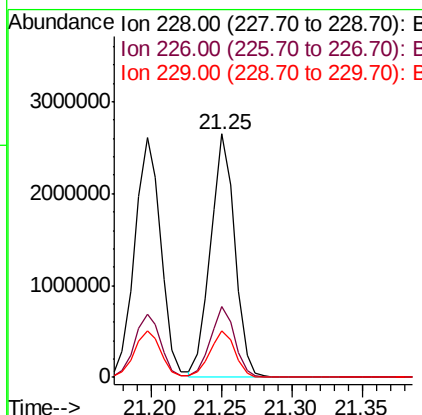
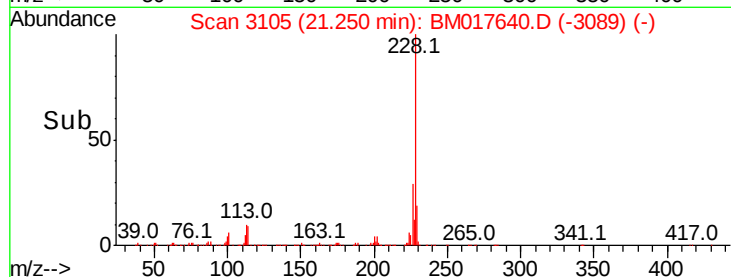
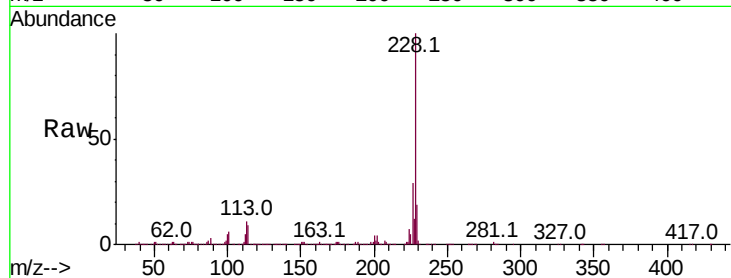
#83
 Chrysene
 Concen: 46.157 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.3	15.8	23.6

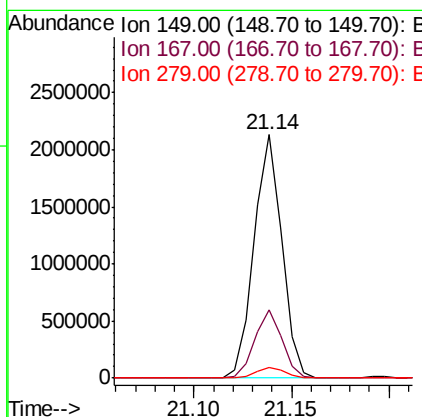
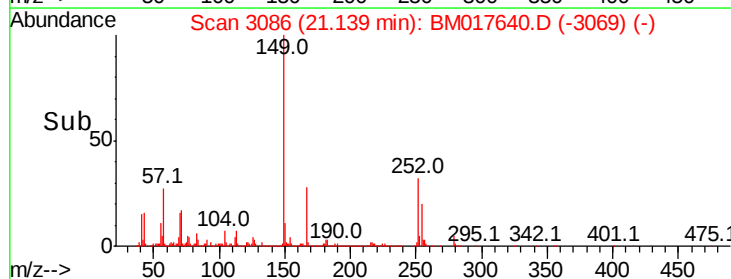
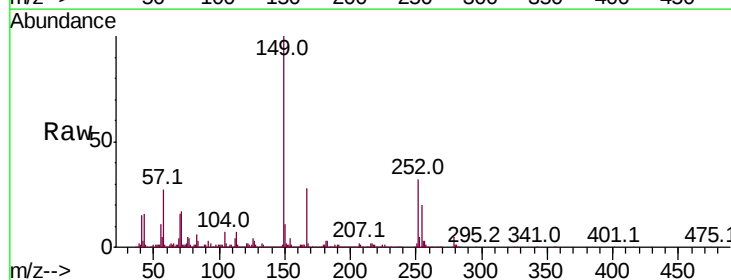
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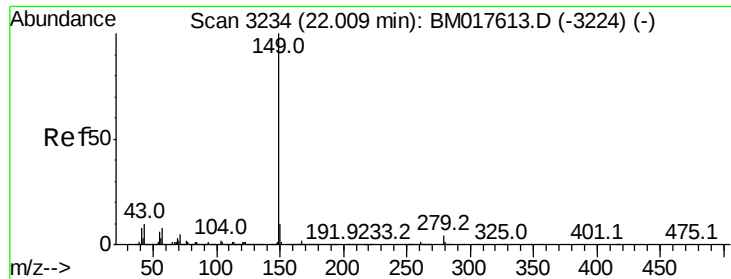
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.544 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.5	3.7	5.5





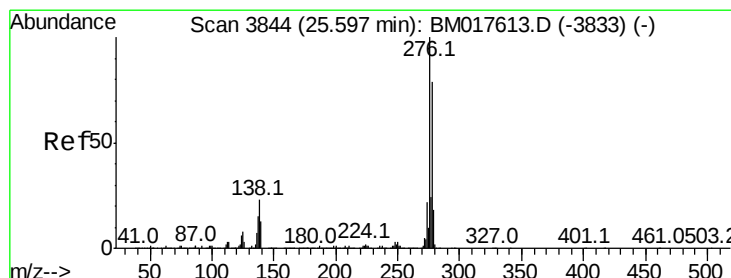
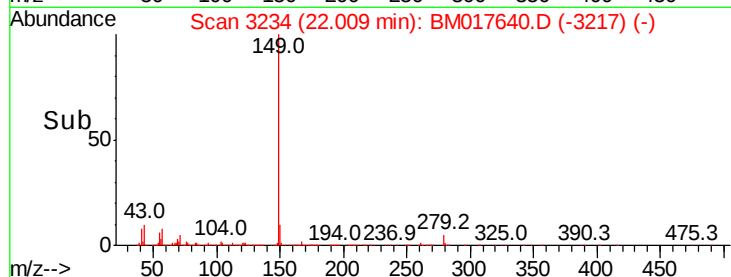
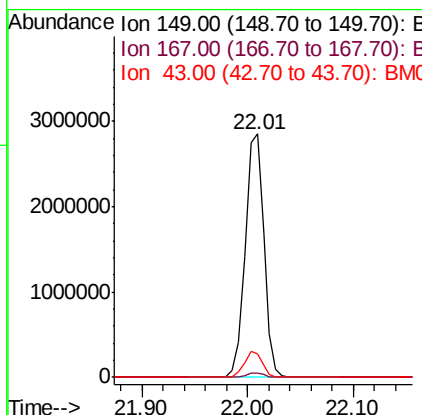
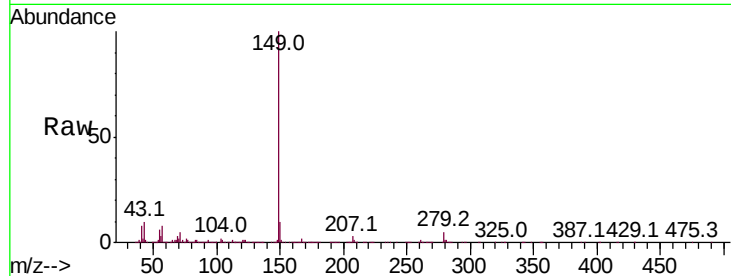
#85
Di-n-octyl phthalate
Concen: 47.793 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.3	12.5

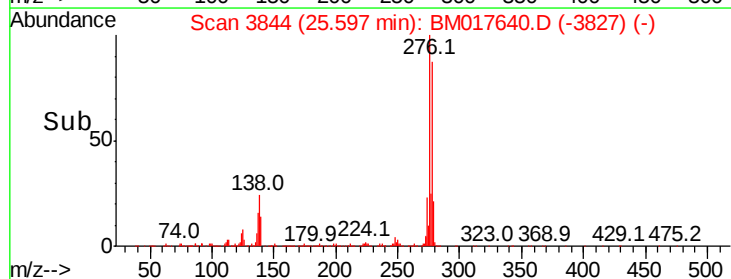
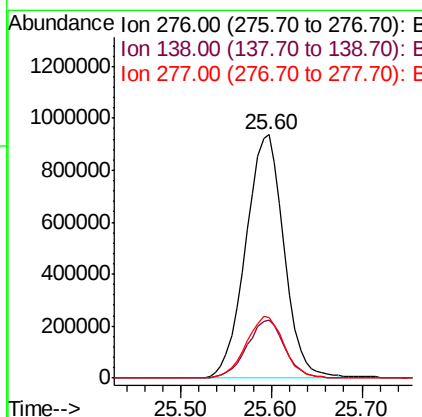
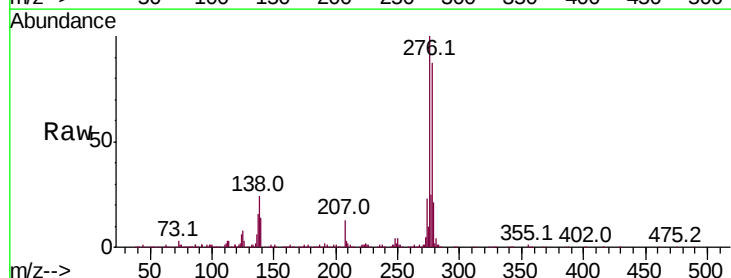
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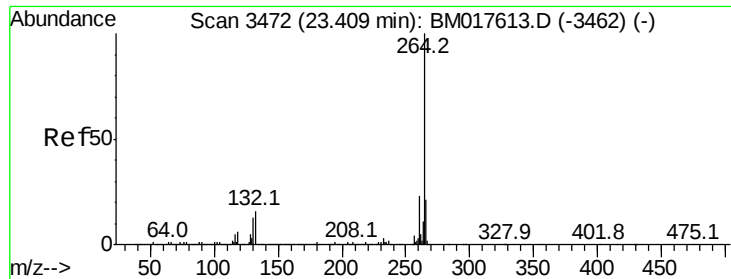
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.298 ng
RT: 25.60 min Scan# 3844
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.1	28.7
277	25.2	20.0	30.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

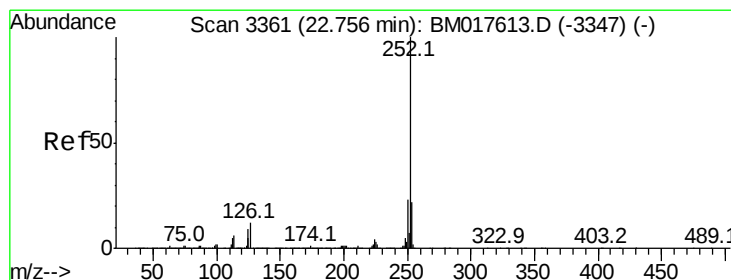
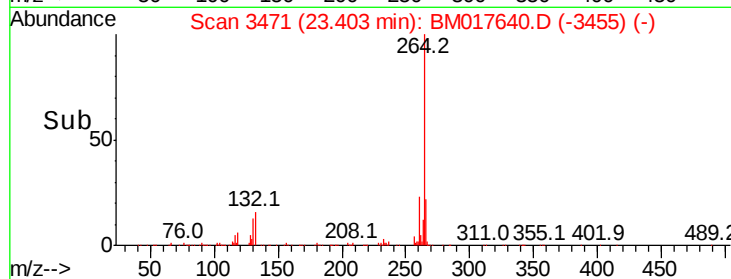
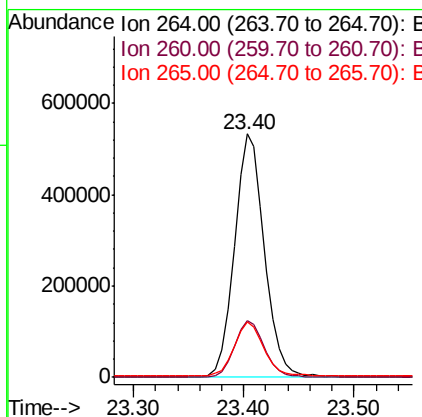
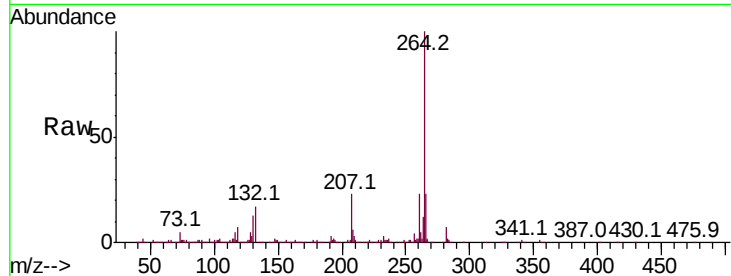
Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion:264 Resp: 1013268

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.8	17.5	26.3

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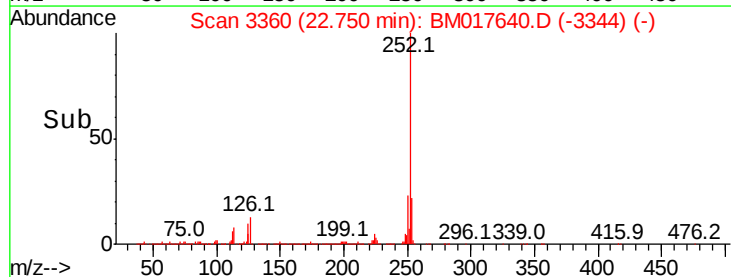
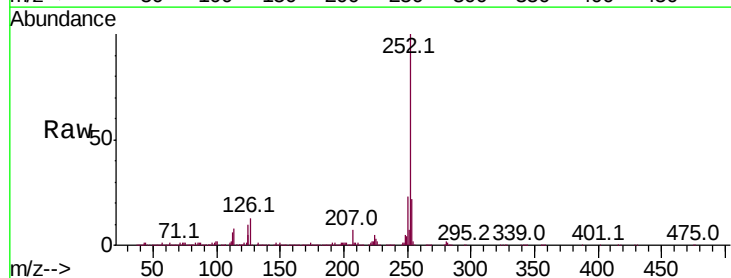
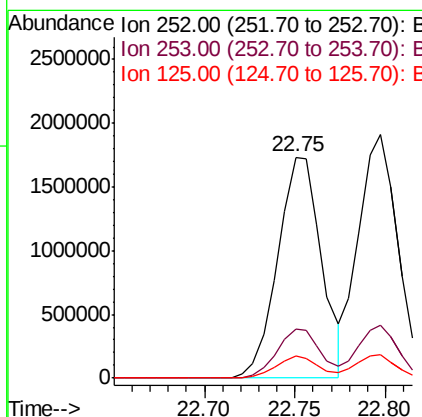
Sohil
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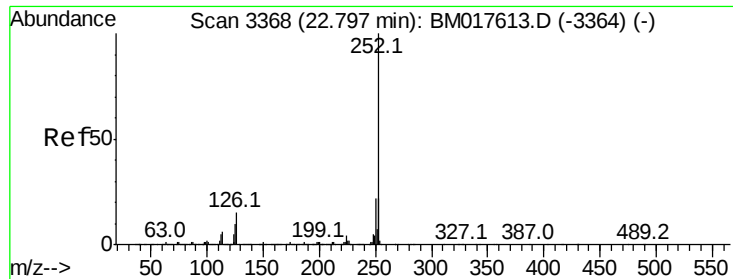


#88
Benzo(b)fluoranthene
Concen: 49.344 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:252 Resp: 2928064

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.2	7.6	11.4





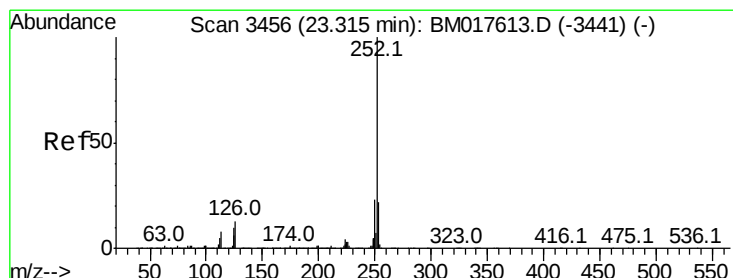
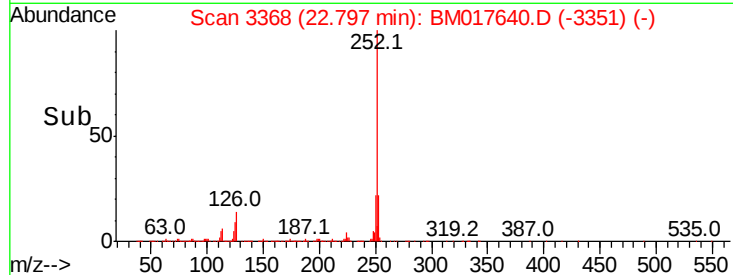
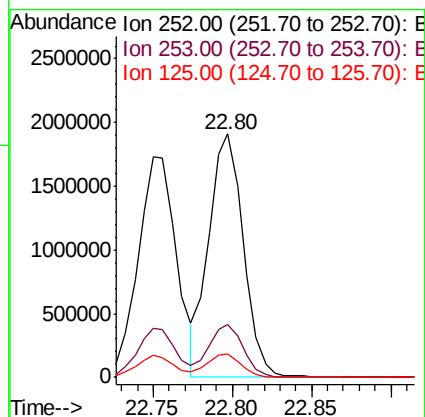
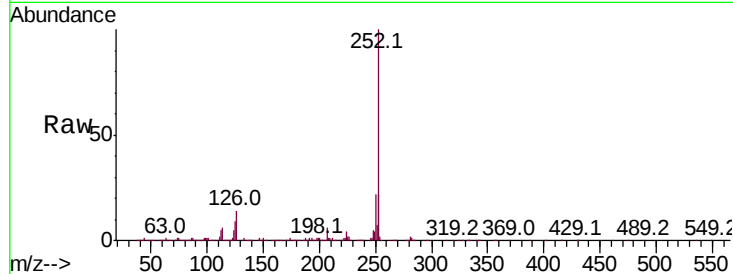
#89
Benzo(k)fluoranthene
Concen: 48.262 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.5	7.9	11.9

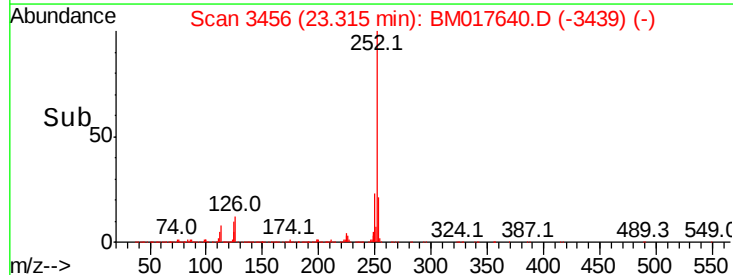
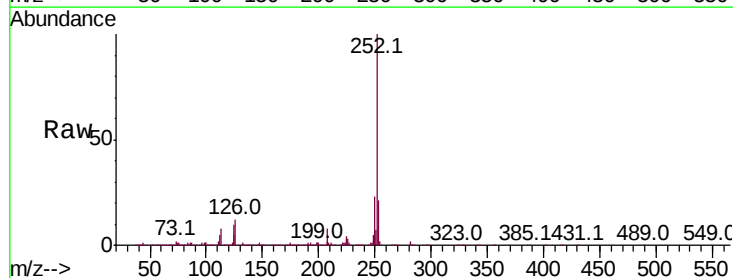
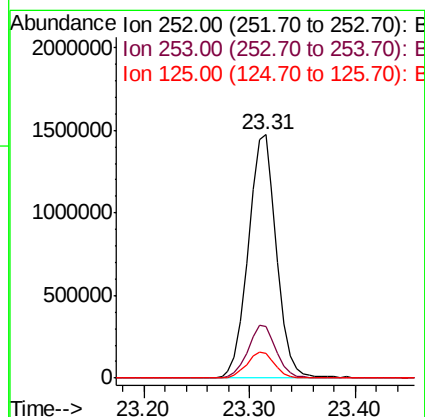
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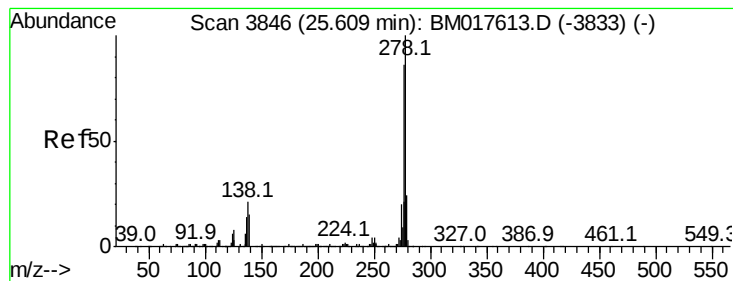
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#90
Benzo(a)pyrene
Concen: 50.380 ng
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	10.2	8.2	12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.992 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tot Ion:278 Resp: 2319491

Ion Ratio Lower Upper

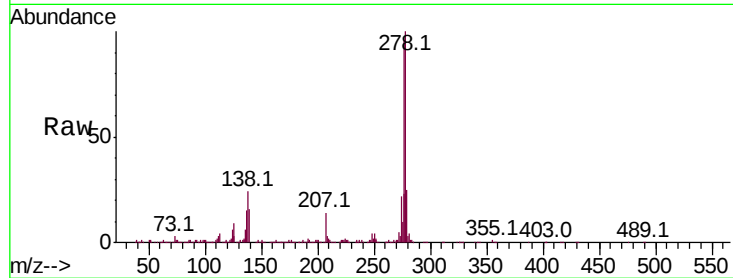
278 100

139 15.7 11.8 17.6

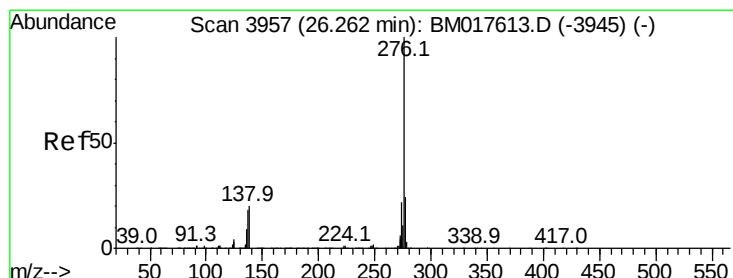
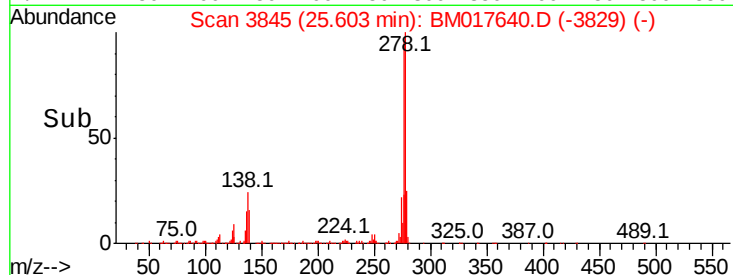
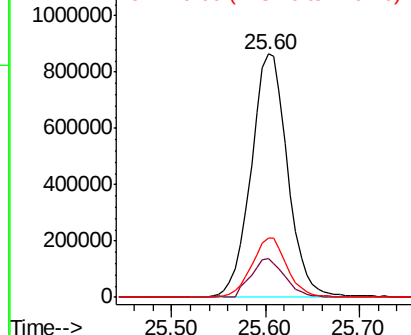
279 24.6 19.0 28.6

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: 52.162 ng

RT: 26.26 min Scan# 3957

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

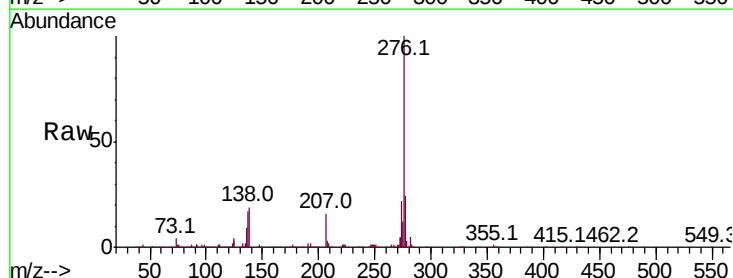
Tgt Ion:276 Resp: 2231232

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 19.1 15.9 23.9



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

