

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017367.D
 Acq On : 27 Oct 2018 02:35
 Operator : MJ/SJ
 Sample : PB114211BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BSD

Manual Integrations
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Sohil
 10/29/2018 2:15:08 PM

Quant Time: Oct 27 04:23:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	288789	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1283509	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	802638	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1891880	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2192172	20.00	ng	-0.02
87) Perylene-d12	23.45	264	2098468	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1361089	79.71	ng	-0.01
7) Phenol-d6	6.84	99	1948272	83.78	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1701685	77.54	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	885055	81.54	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4362832	72.32	ng	-0.02
79) Terphenyl-d14	19.69	244	6978920	71.76	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	174002	19.957	ng	# 87
3) Pyridine	3.63	79	541182	26.976	ng	89
4) n-Nitrosodimethylamine	3.55	42	254803	31.638	ng	# 73
6) Aniline	6.99	93	424372	14.590	ng	96
8) 2-Chlorophenol	7.22	128	756035	38.274	ng	98
9) Benzaldehyde	6.81	77	322035	21.719	ng	97
10) Phenol	6.86	94	963038	38.479	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	629999	31.577	ng	97
12) 1,3-Dichlorobenzene	7.54	146	697921	30.309	ng	97
13) 1,4-Dichlorobenzene	7.69	146	724835	30.810	ng	99
14) 1,2-Dichlorobenzene	8.00	146	703651	31.043	ng	98
15) Benzyl Alcohol	7.90	79	669244	39.372	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	886988	31.822	ng	99
17) 2-Methylphenol	8.10	107	661771	41.195	ng	99
18) Hexachloroethane	8.71	117	254082	31.558	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	548338	35.810	ng	100
20) 3+4-Methylphenols	8.42	107	910625	41.446	ng	98
22) Acetophenone	8.47	105	1074366	33.021	ng	99
24) Nitrobenzene	8.85	77	792024	34.119	ng	97
25) Isophorone	9.37	82	1490509	41.130	ng	99
26) 2-Nitrophenol	9.55	139	406339	38.661	ng	97
27) 2,4-Dimethylphenol	9.62	122	750257	46.821	ng	98
28) bis(2-Chloroethoxy)methane	9.85	93	950825	37.278	ng	99
29) 2,4-Dichlorophenol	10.08	162	768667	41.315	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	716129	32.086	ng	100
31) Naphthalene	10.47	128	2254316	35.840	ng	99
32) Benzoic acid	9.77	122	522793	43.726	ng	96
33) 4-Chloroaniline	10.60	127	224006	8.246	ng	97
34) Hexachlorobutadiene	10.75	225	417400	29.516	ng	98
35) Caprolactam	11.40	113	261641m	38.588	ng	
36) 4-Chloro-3-methylphenol	11.73	107	869894	41.479	ng	98
37) 2-Methylnaphthalene	12.09	142	1770062	41.124	ng	100
38) 1-Methylnaphthalene	12.32	142	1680862	40.123	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	899978	31.839	ng	99

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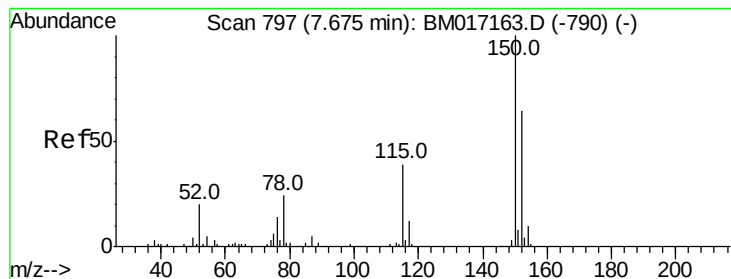
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1088295	79.642	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	650229	39.627	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	703876	40.003	ng	98
46) 1,1'-Biphenyl	13.12	154	2302459	31.877	ng	99
47) 2-Chloronaphthalene	13.16	162	1794215	33.766	ng	99
48) 2-Nitroaniline	13.38	65	561771	38.675	ng	93
49) Acenaphthylene	14.02	152	3003061	38.990	ng	100
50) Dimethylphthalate	13.77	163	2306225	37.243	ng	99
51) 2,6-Dinitrotoluene	13.89	165	522806	38.359	ng	98
52) Acenaphthene	14.36	154	1737640	35.931	ng	99
53) 3-Nitroaniline	14.22	138	243096	16.469	ng	97
54) 2,4-Dinitrophenol	14.43	184	559027	70.954	ng	96
55) Dibenzofuran	14.70	168	2806795	34.901	ng	100
56) 4-Nitrophenol	14.54	139	1315762	96.754	ng	99
57) 2,4-Dinitrotoluene	14.67	165	750514	40.971	ng	99
58) Fluorene	15.35	166	2298774	38.618	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	664081	41.405	ng	99
60) Diethylphthalate	15.13	149	2334886	38.021	ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	1161787	34.235	ng	98
62) 4-Nitroaniline	15.39	138	580222	36.488	ng	100
63) Azobenzene	15.64	77	2216733	37.137	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	427090	37.029	ng	97
66) n-Nitrosodiphenylamine	15.57	169	2065737	36.090	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	750043	36.107	ng	96
68) Hexachlorobenzene	16.35	284	816920	33.855	ng	99
69) Atrazine	16.53	200	751809	36.699	ng	98
70) Pentachlorophenol	16.70	266	1034923	62.610	ng	99
71) Phenanthrene	17.09	178	3722269	36.467	ng	100
72) Anthracene	17.18	178	3804270	39.224	ng	100
73) Carbazole	17.46	167	3497444	35.302	ng	100
74) Di-n-butylphthalate	18.03	149	3983986	38.126	ng	99
75) Fluoranthene	19.11	202	4435417	38.616	ng	98
77) Benzidine	19.31	184	1477488	26.580	ng	99
78) Pyrene	19.47	202	4522520	36.912	ng	100
80) Butylbenzylphthalate	20.39	149	1899357	41.824	ng	98
81) Benzo(a)anthracene	21.23	228	4670749	37.862	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	967741	21.048	ng	100
83) Chrysene	21.28	228	4388036	35.937	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2760216	39.723	ng	99
85) Di-n-octyl phthalate	22.04	149	4887215	41.318	ng	99
86) Indeno(1,2,3-cd)pyrene	25.66	276	4232550	30.991	ng	100
88) Benzo(b)fluoranthene	22.79	252	4511970	39.327	ng	99
89) Benzo(k)fluoranthene	22.84	252	4417806	38.374	ng	99
90) Benzo(a)pyrene	23.36	252	4207818	38.627	ng	100
91) Dibenzo(a,h)anthracene	25.68	278	3632937	33.586	ng	99
92) Benzo(g,h,i)perylene	26.34	276	3339087	31.146	ng	99

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



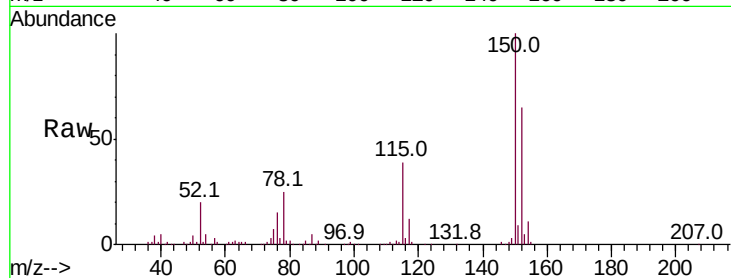
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.3	186.5
115	60.4	48.1	72.1

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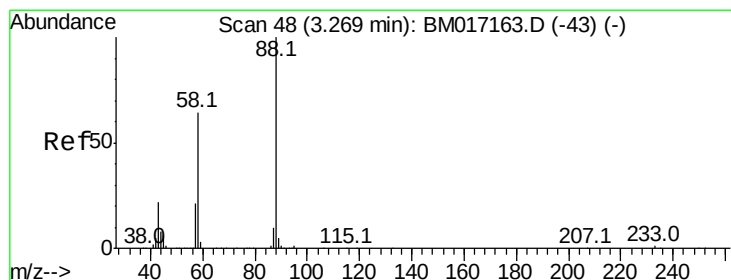
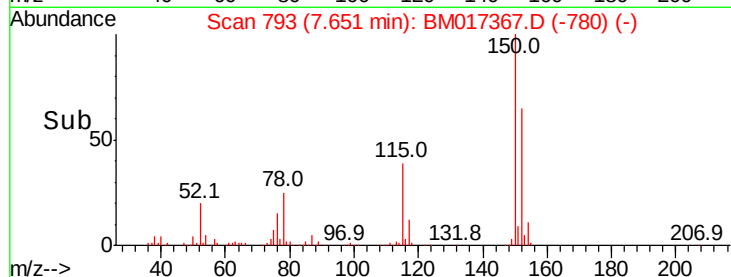
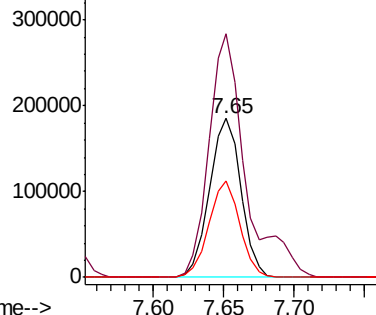


Abundance

Ion 152.00 (151.70 to 152.70): E

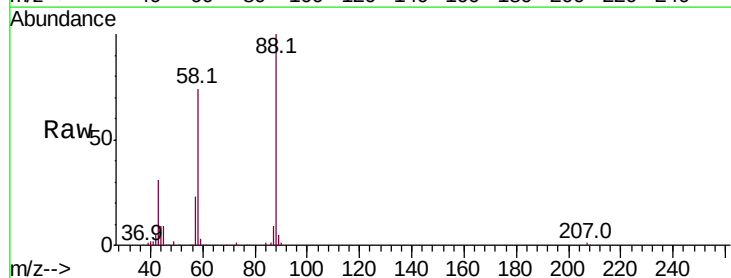
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 19.957 ng
 RT: 3.25 min Scan# 45
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	50.2	75.4
43	29.6	19.3	28.9

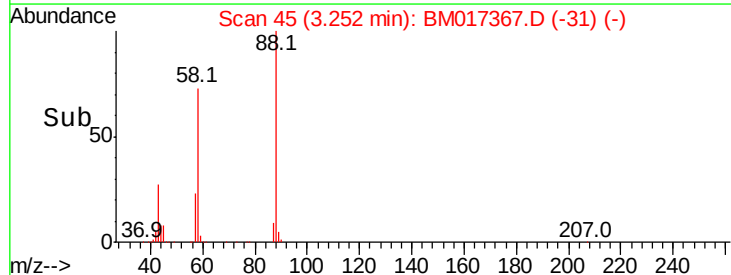
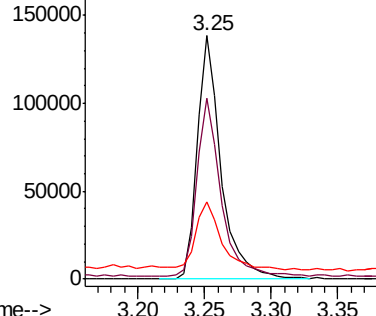


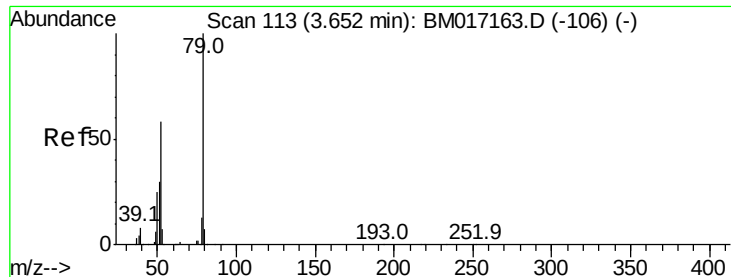
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 26.976 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

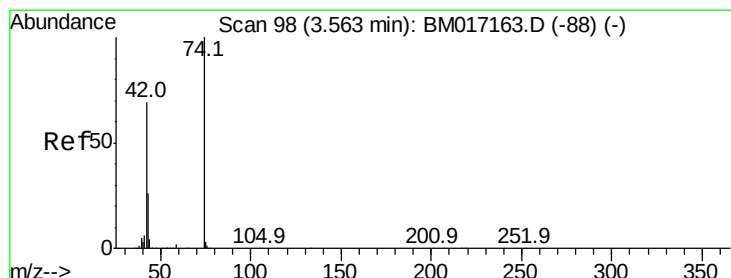
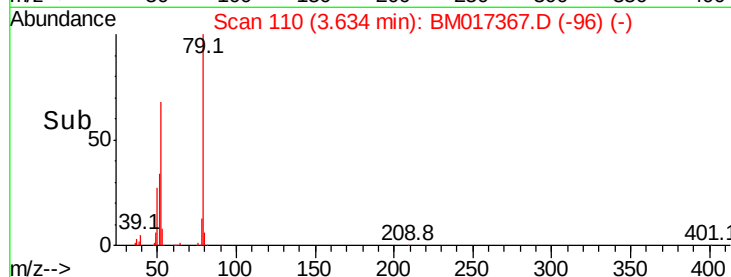
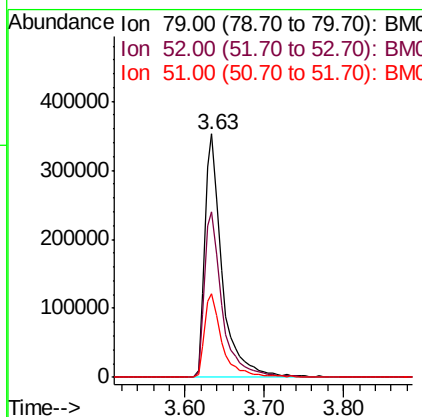
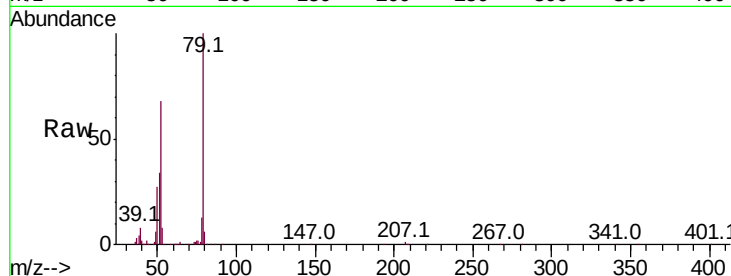
ClientSampleId :

PB114211BSD

Tot Ion:	79	Resp:	541182
Ion Ratio	Lower	Upper	
79	100		
52	67.9	46.5	69.7
51	34.2	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 31.638 ng

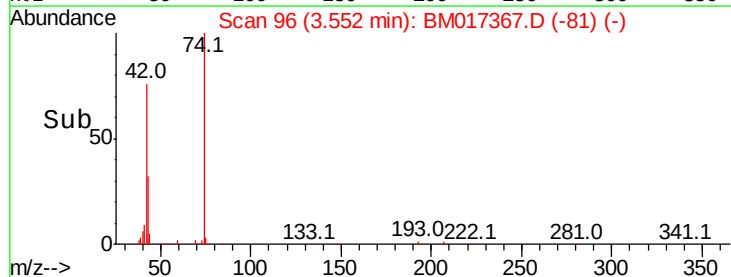
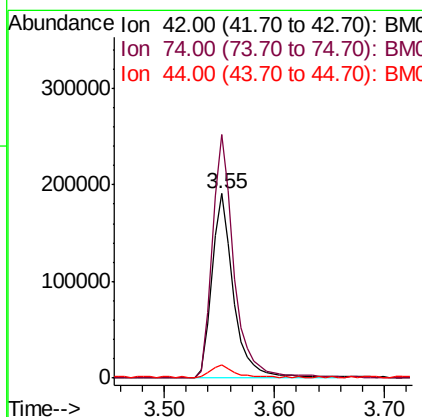
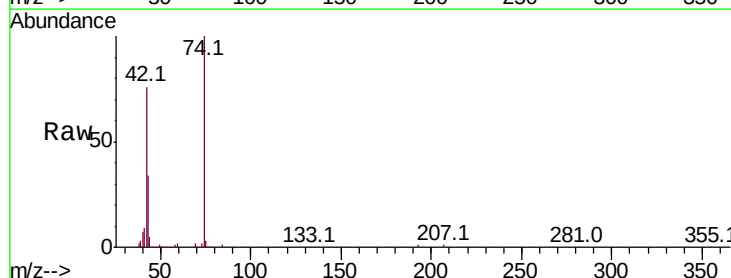
RT: 3.55 min Scan# 96

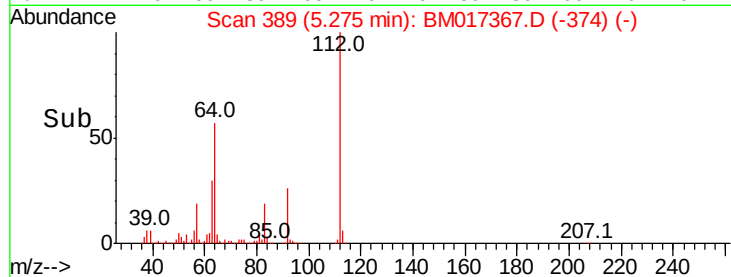
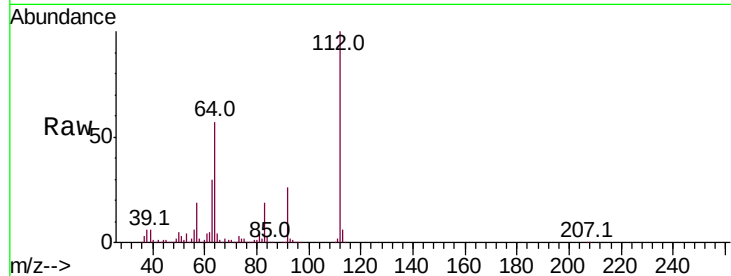
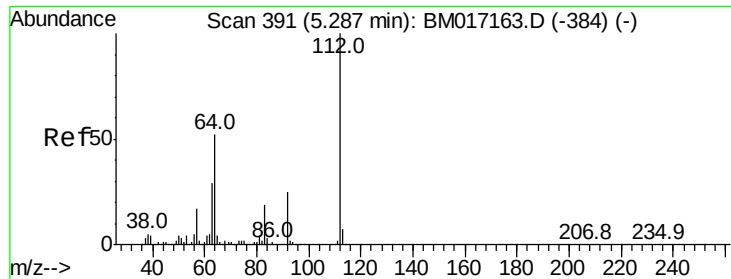
Delta R.T. -0.01 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Tgt Ion:	42	Resp:	254803
Ion Ratio	Lower	Upper	
42	100		
74	132.0	114.4	171.6
44	6.9	48.6	73.0#





#5

2-Fluorophenol

Concen: 79.714 ng

RT: 5.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Tot Ion:	112	Resp:	1361089
Ion	Ratio	Lower	Upper
112	100		
64	57.4	41.7	62.5
63	29.7	23.0	34.4

Instrument :

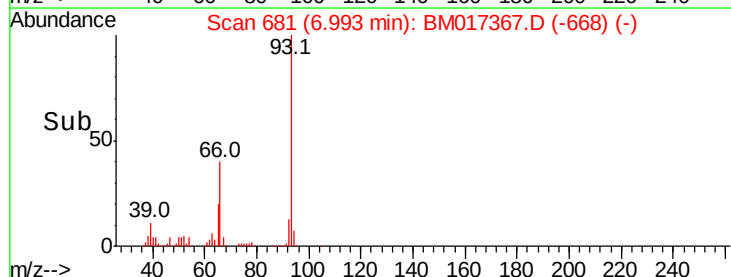
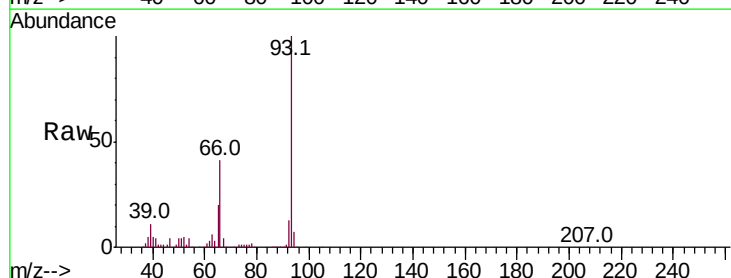
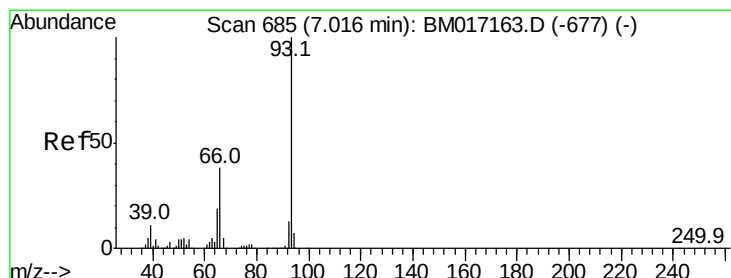
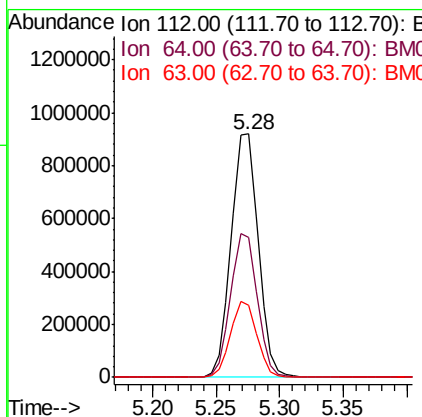
BNA_M

ClientSampleId :

PB114211BSD

Manual Integrations
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#6

Aniline

Concen: 14.590 ng

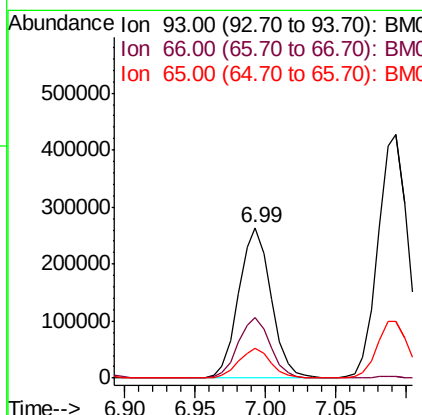
RT: 6.99 min Scan# 681

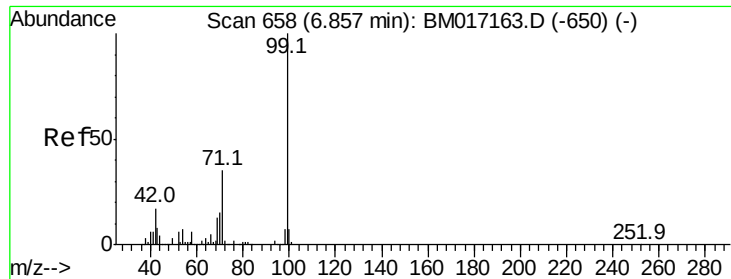
Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Tgt Ion:	93	Resp:	424372
Ion	Ratio	Lower	Upper
93	100		
66	40.5	30.4	45.6
65	20.1	15.3	22.9





#7

Phenol-d6

Concen: 83.780 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion: 99 Resp: 1948272

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

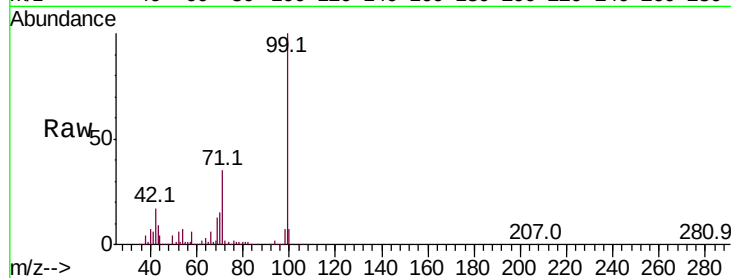
71 35.3 28.0 42.0

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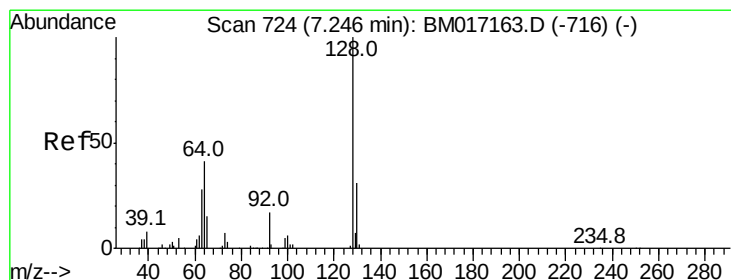
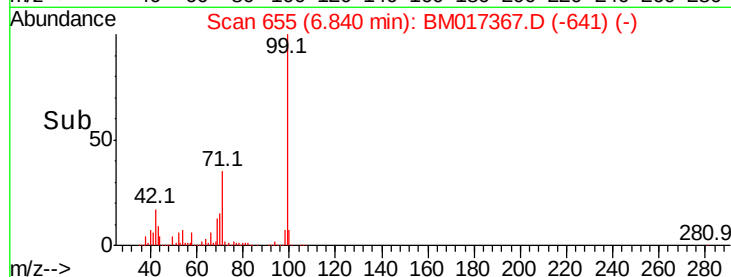
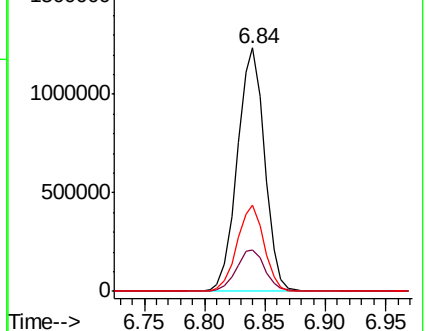
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Abundance Ion 99.00 (98.70 to 99.70): BM017367.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017367.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017367.D (-650) (-)



#8

2-Chlorophenol

Concen: 38.274 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

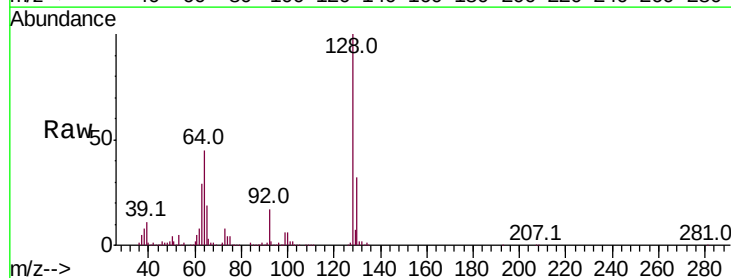
Tgt Ion: 128 Resp: 756035

Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

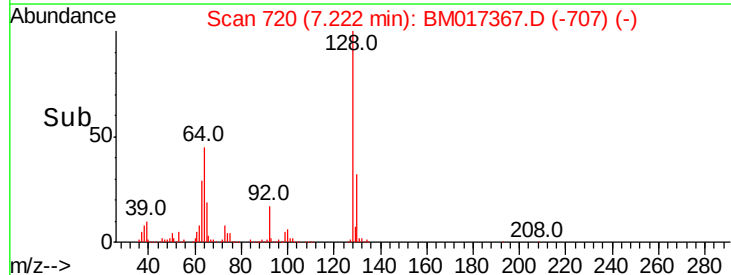
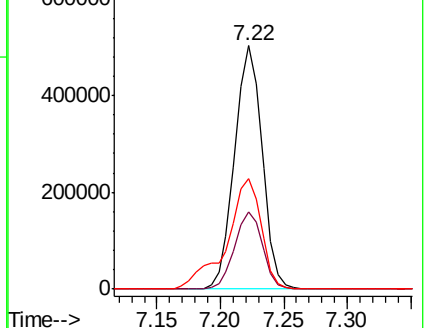
64 45.2 24.1 64.1

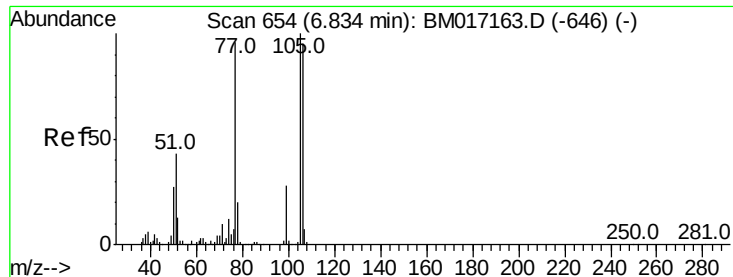


Abundance Ion 128.00 (127.70 to 128.70): BM017367.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017367.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017367.D (-716) (-)





#9

Benzaldehyde

Concen: 21.719 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

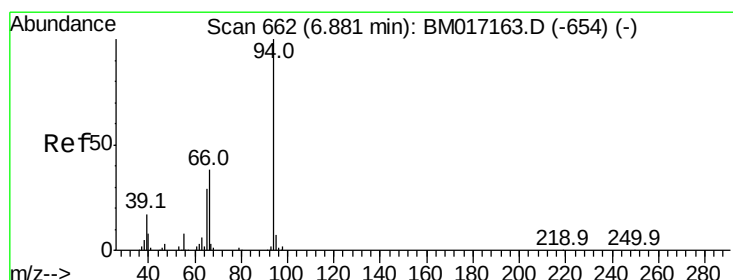
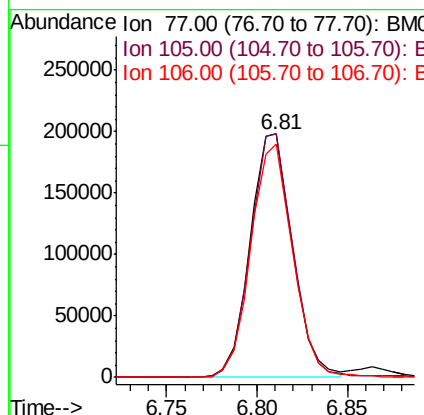
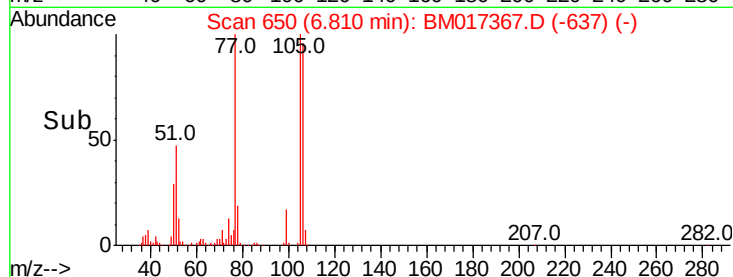
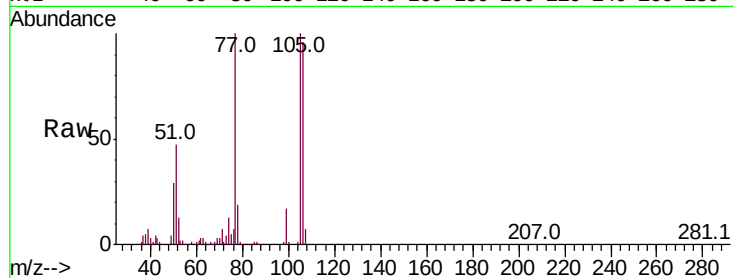
ClientSampleId :

PB114211BSD

Tot Ion:	77	Resp:	322035
Ion	Ratio	Lower	Upper
77	100		
105	100.0	83.9	123.9
106	96.1	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 38.479 ng

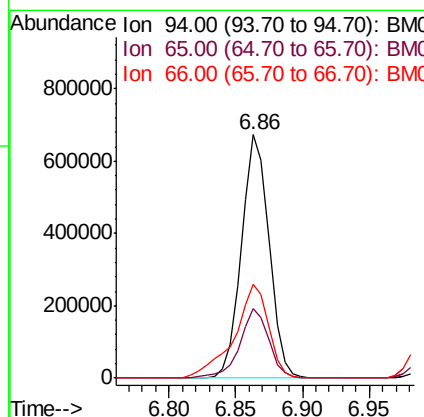
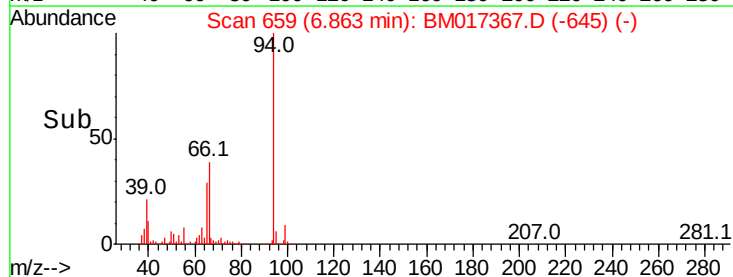
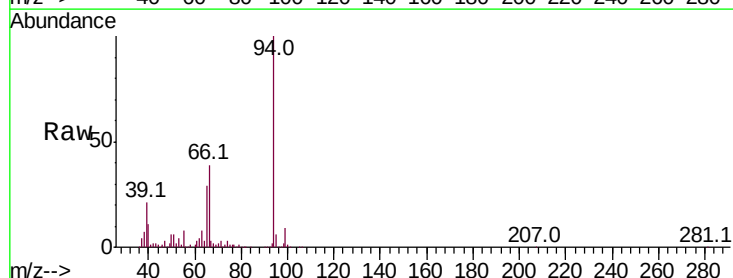
RT: 6.86 min Scan# 659

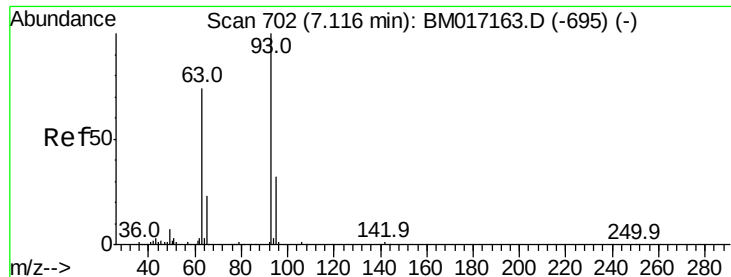
Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Tgt Ion:	94	Resp:	963038
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	38.7	19.0	59.0





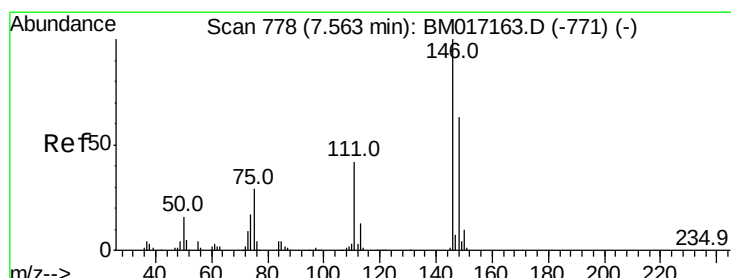
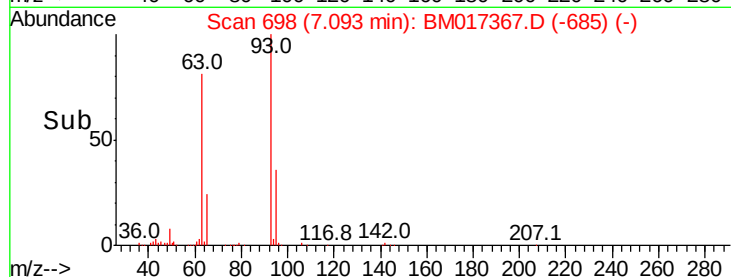
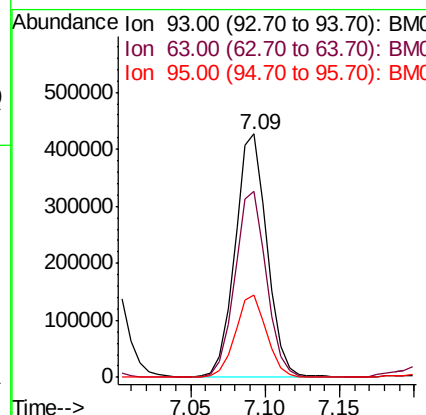
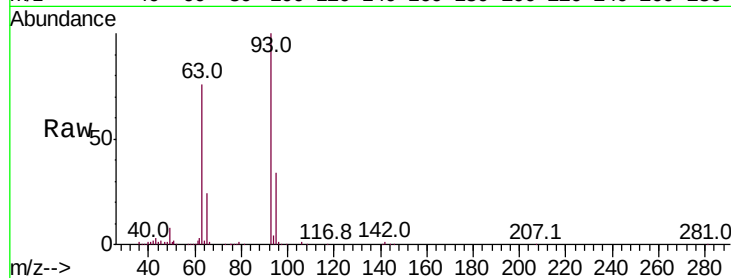
#11
bis(2-Chloroethyl)ether
Concen: 31.577 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	54.0	94.0
95	33.6	11.8	51.8

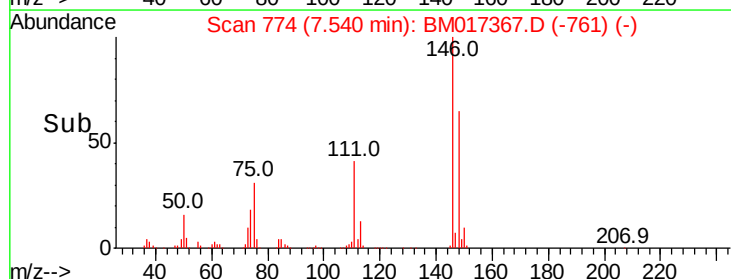
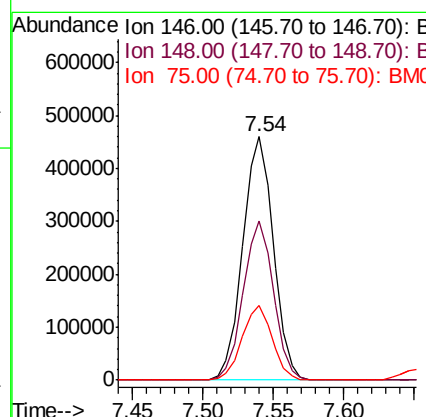
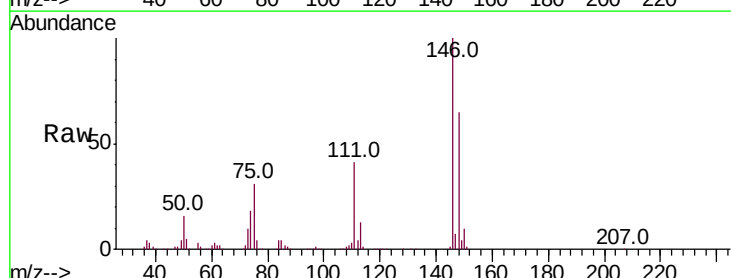
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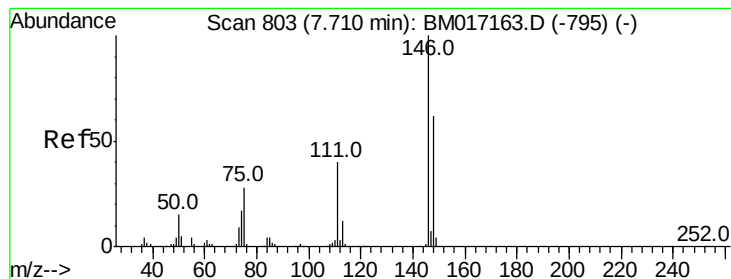
Sohil
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#12
1,3-Dichlorobenzene
Concen: 30.309 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.2	75.4
75	30.6	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 30.810 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

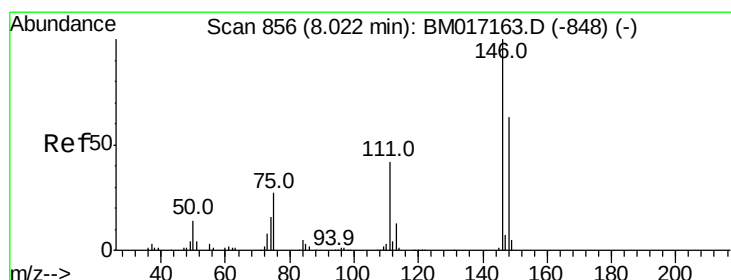
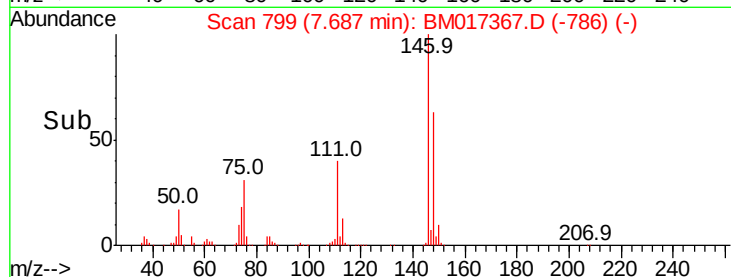
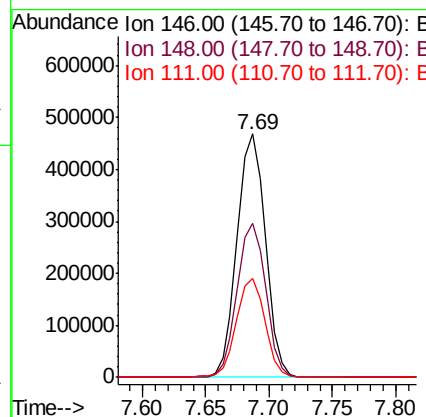
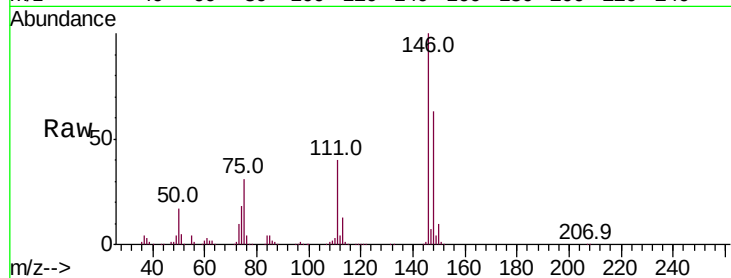
ClientSampleId :

PB114211BSD

Tot Ion:	146	Resp:	724835
Ion Ratio	Lower	Upper	
146	100		
148	63.3	49.8	74.6
111	40.4	32.1	48.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 31.043 ng

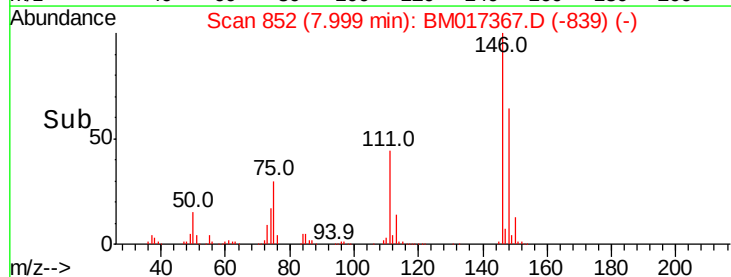
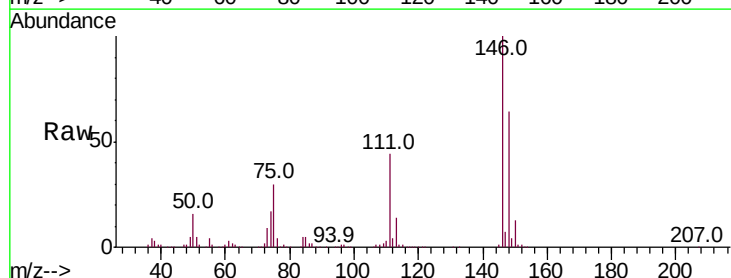
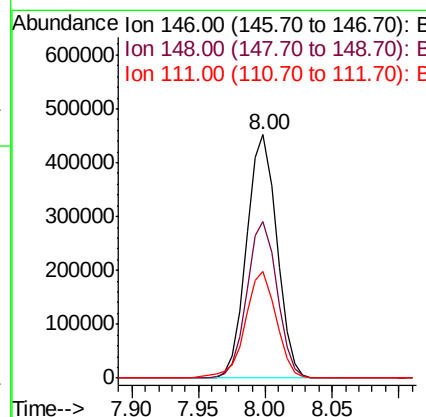
RT: 8.00 min Scan# 852

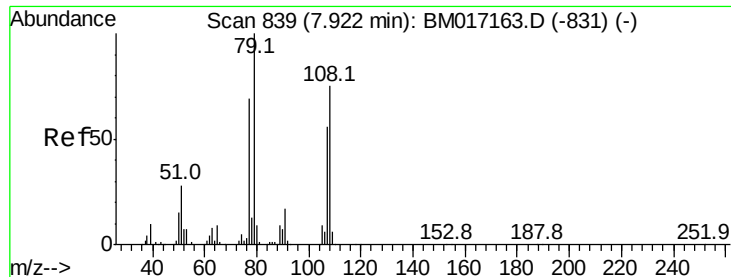
Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Tgt Ion:	146	Resp:	703651
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	43.7	33.8	50.6





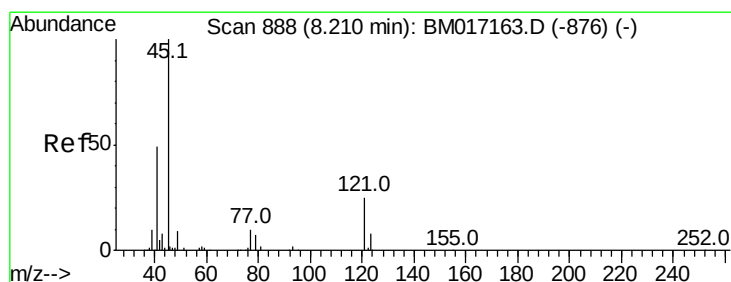
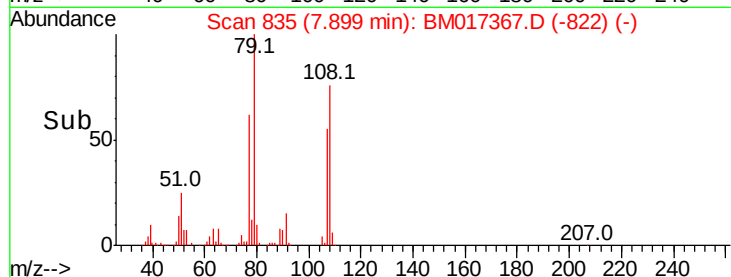
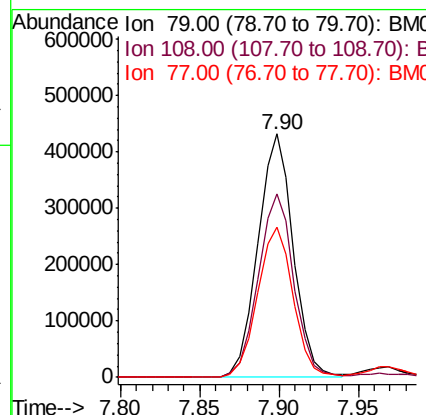
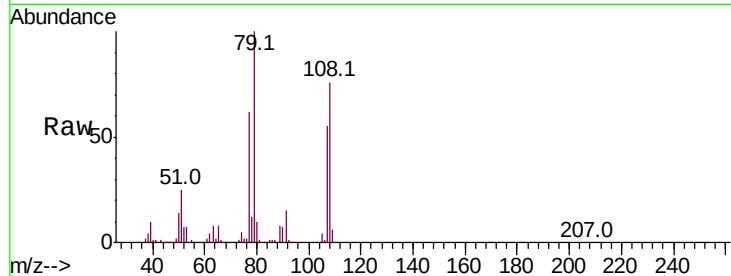
#15
Benzyl Alcohol
Concen: 39.372 ng
RT: 7.90 min Scan# 835
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	60.3	90.5
77	61.9	54.8	82.2

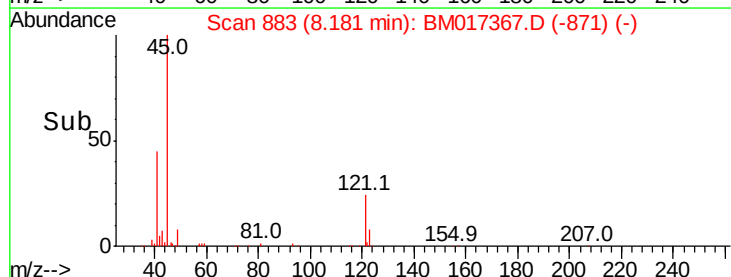
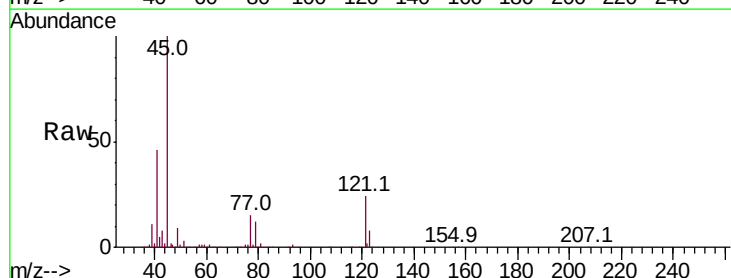
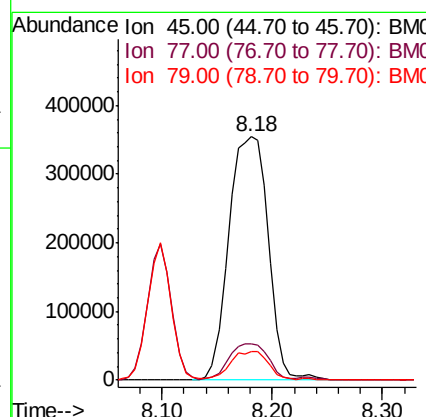
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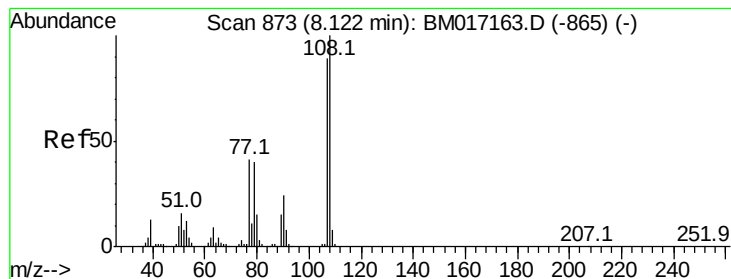
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.822 ng
RT: 8.18 min Scan# 883
Delta R.T. -0.03 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.5
79	11.7	0.0	32.1





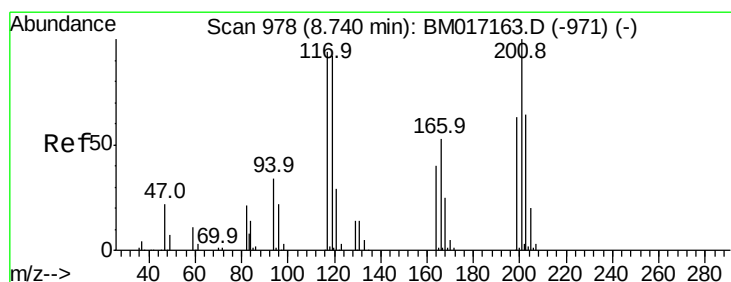
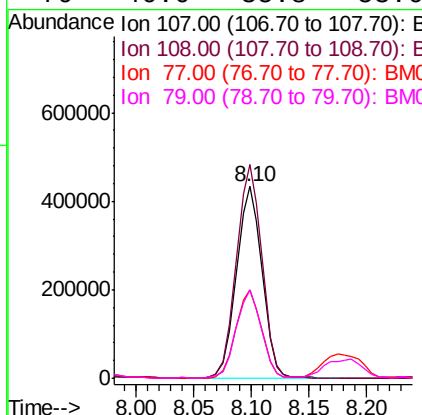
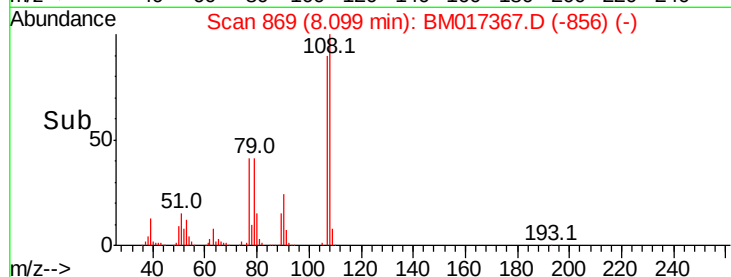
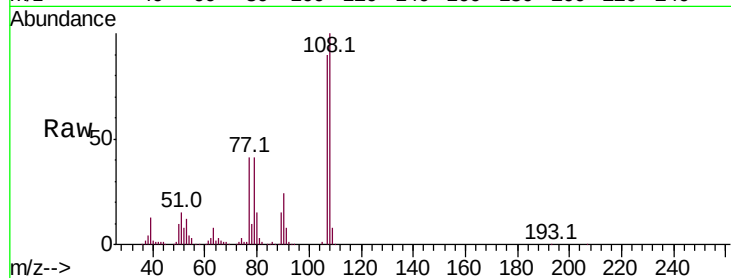
#17
2-Methylphenol
Concen: 41.195 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	661771		
108	111.4	90.3	135.5	
77	45.8	37.0	55.4	
79	46.0	35.8	53.6	

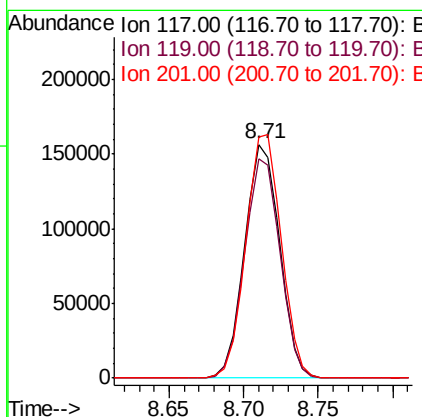
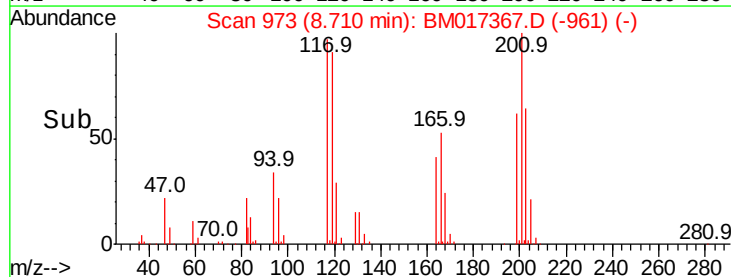
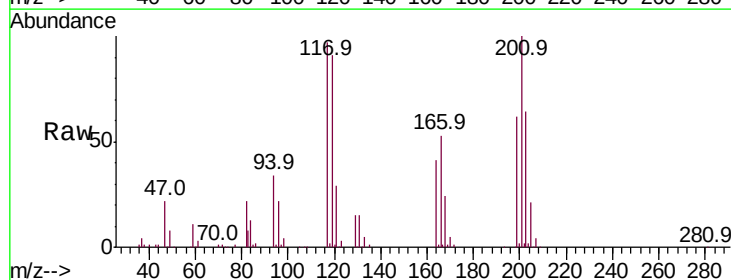
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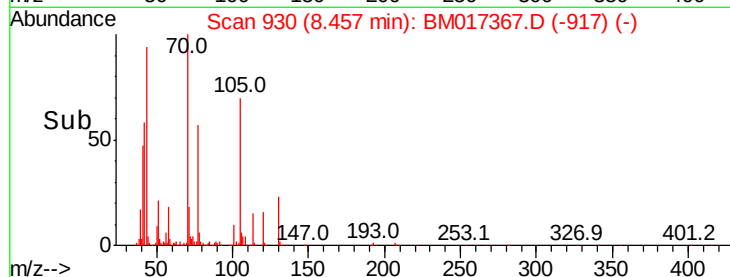
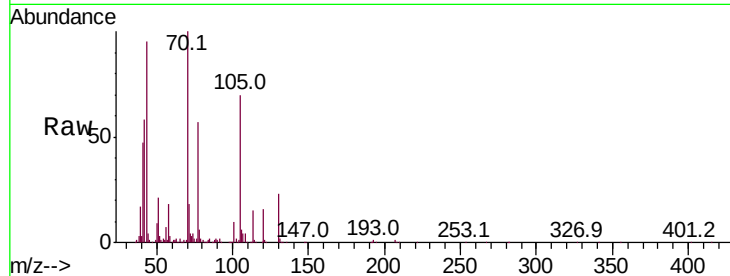
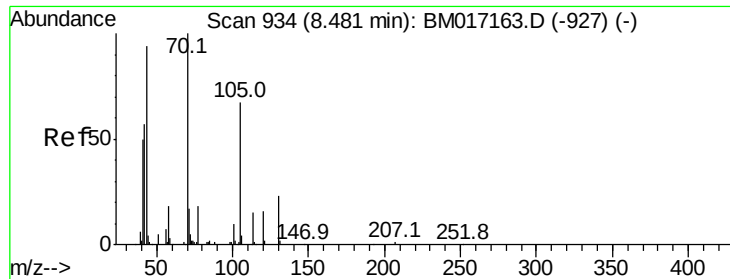
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#18
Hexachloroethane
Concen: 31.558 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.03 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	254082		
119	93.9	78.2	117.2	
201	103.3	85.3	127.9	





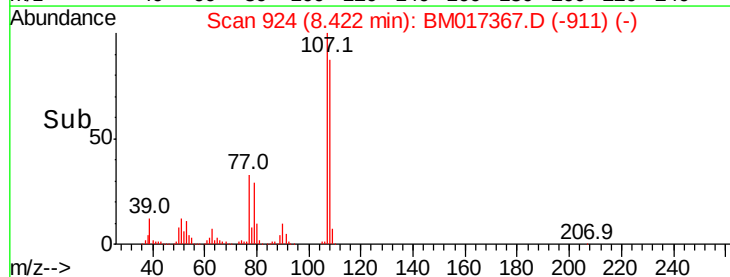
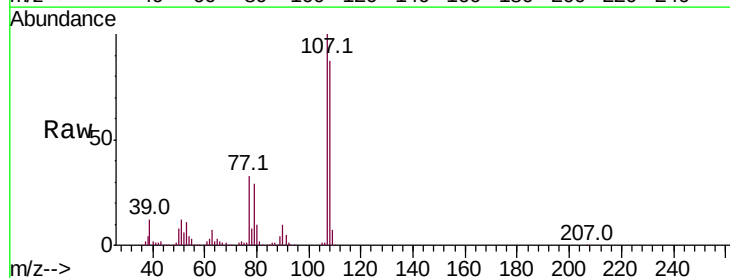
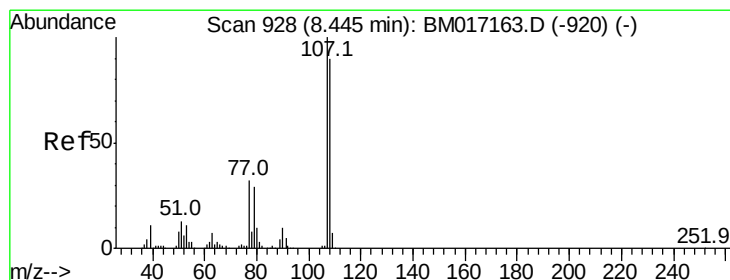
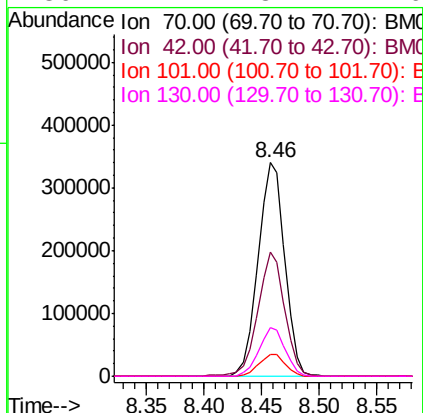
#19
n-Nitroso-di-n-propylamine
Concen: 35.810 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

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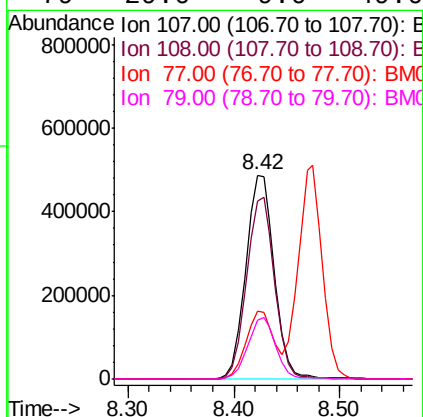
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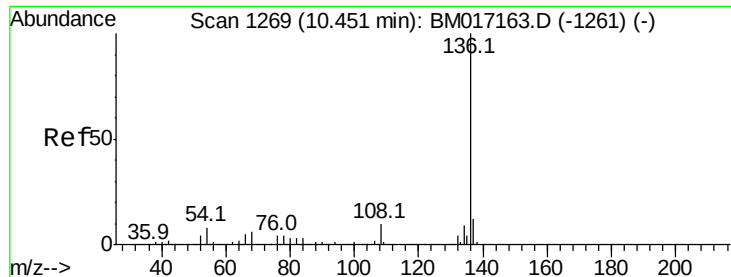
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.9	46.1	69.1	
101	10.2	8.2	12.4	
130	22.7	18.4	27.6	



#20
3+4-Methylphenols
Concen: 41.446 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	69.9	109.9	
77	33.2	12.2	52.2	
79	29.0	9.0	49.0	





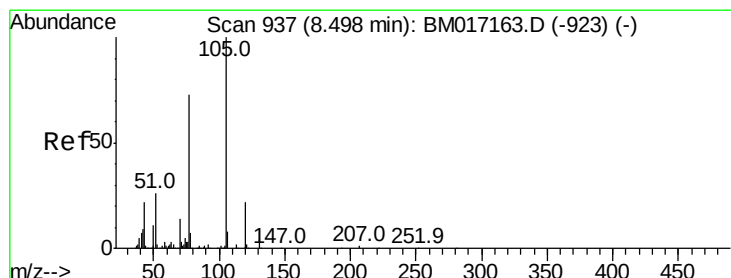
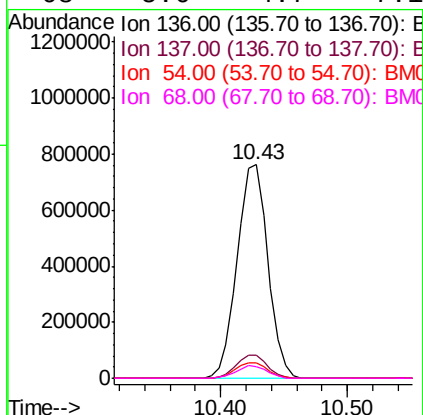
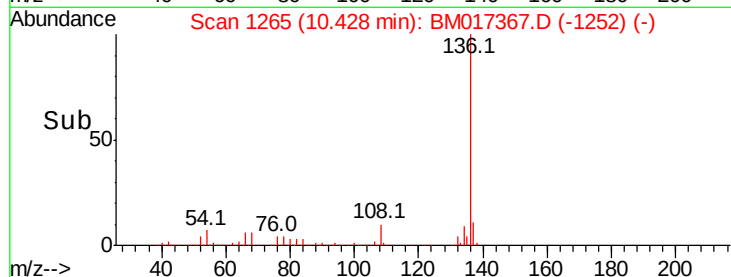
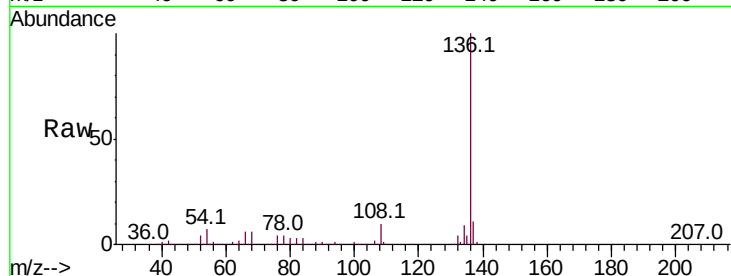
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.3	6.7	10.1
68	5.6	4.7	7.1

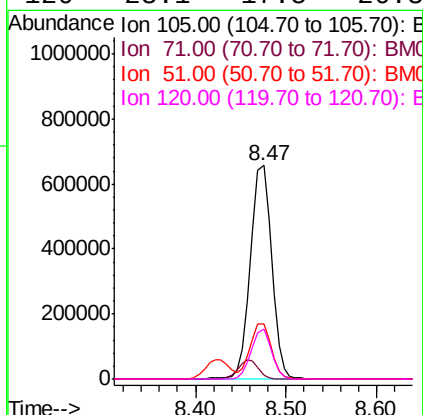
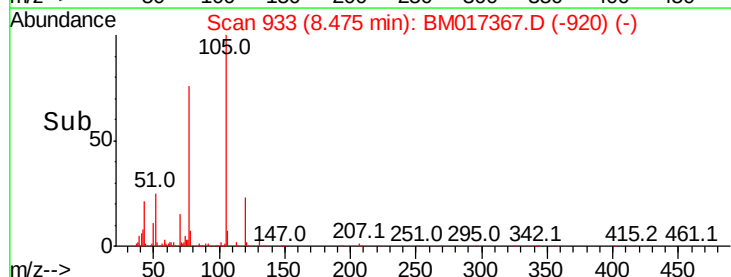
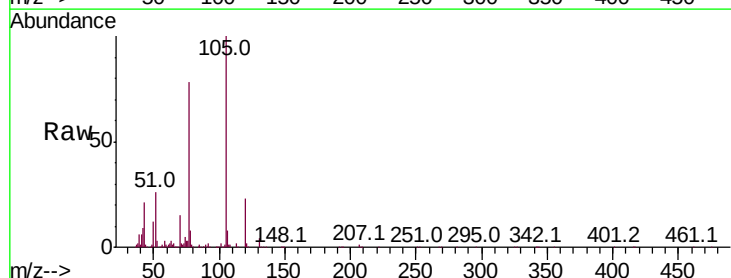
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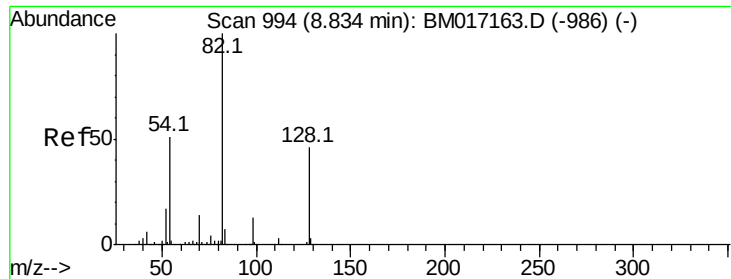
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#22
Acetophenone
Concen: 33.021 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.0	3.0
51	25.6	20.6	31.0
120	23.1	17.5	26.3





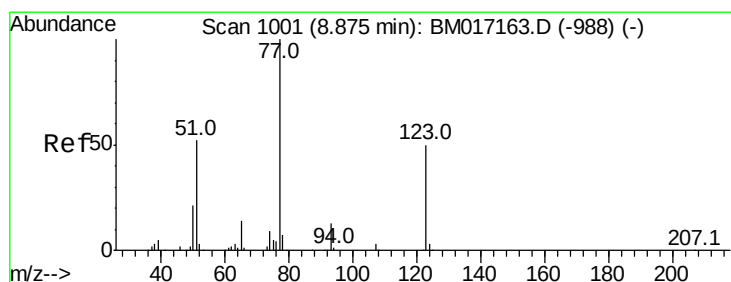
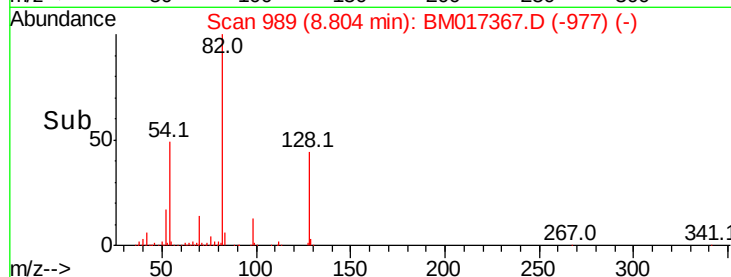
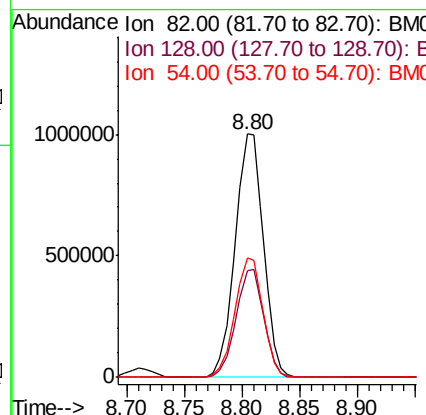
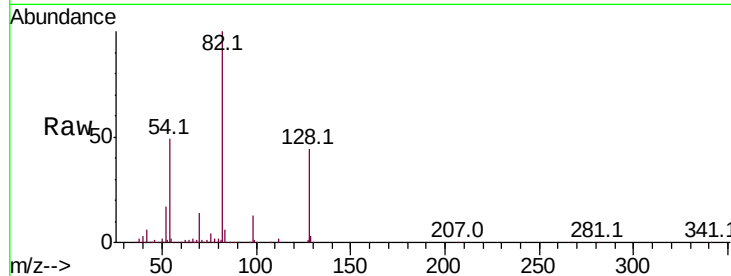
#23
Nitrobenzene-d5
Concen: 77.541 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion: 82 Resp: 1701685
Ion Ratio Lower Upper
82 100
128 43.8 37.0 55.6
54 48.9 40.7 61.1

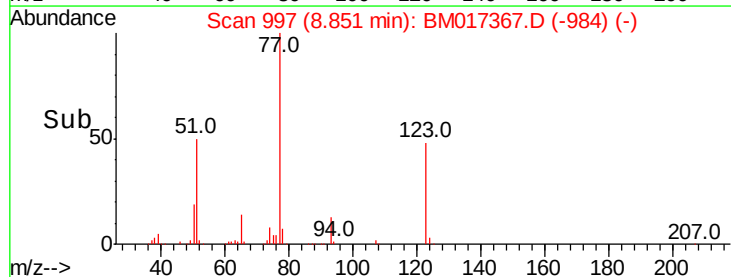
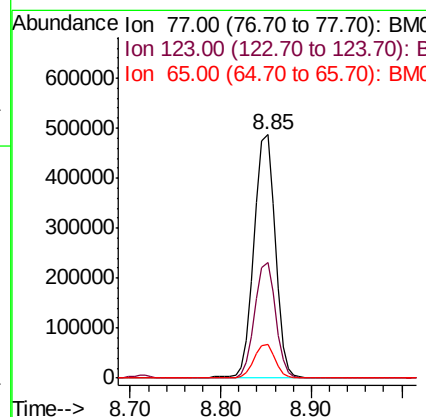
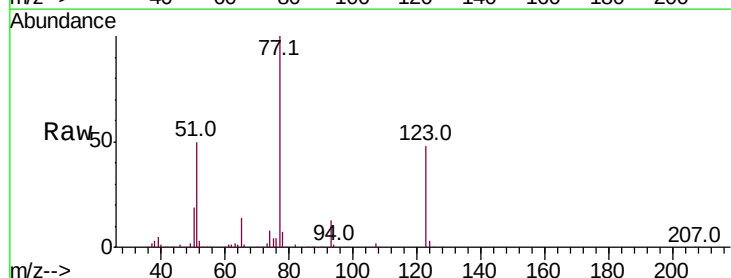
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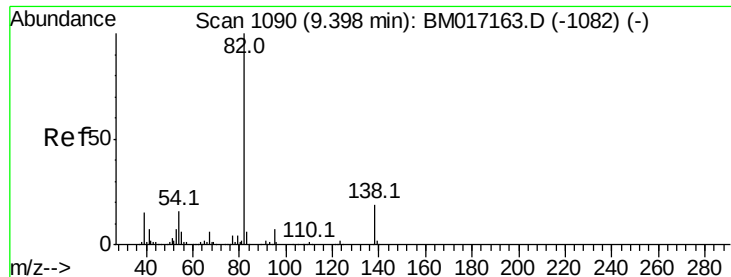
Sohil
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#24
Nitrobenzene
Concen: 34.119 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion: 77 Resp: 792024
Ion Ratio Lower Upper
77 100
123 47.5 40.2 60.4
65 13.7 11.4 17.0





#25

Isophorone

Concen: 41.130 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion: 82 Resp: 1490509

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

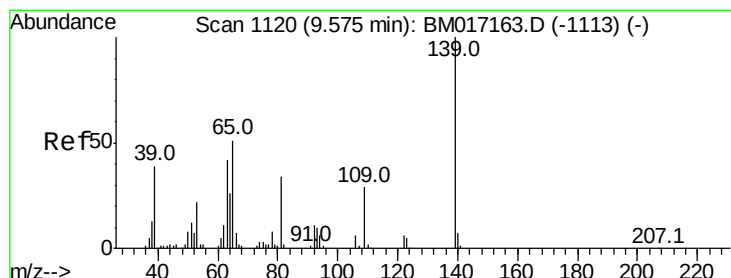
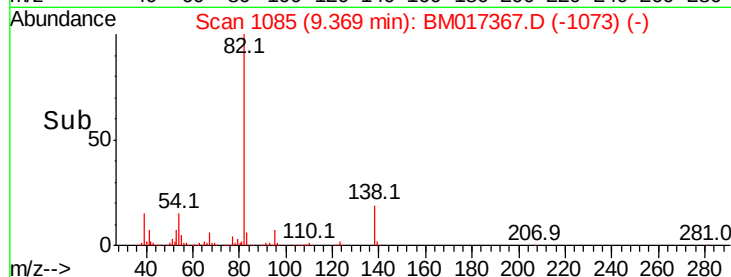
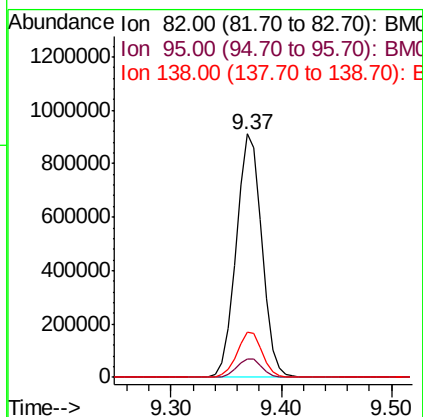
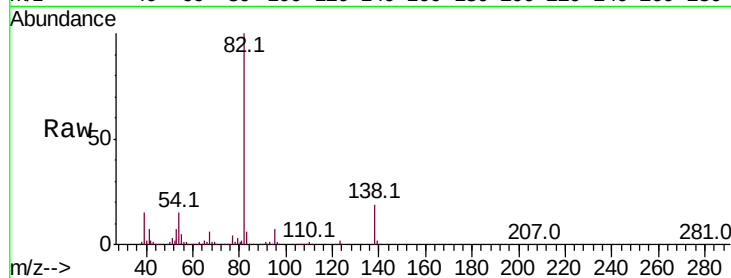
138 18.7 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.661 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

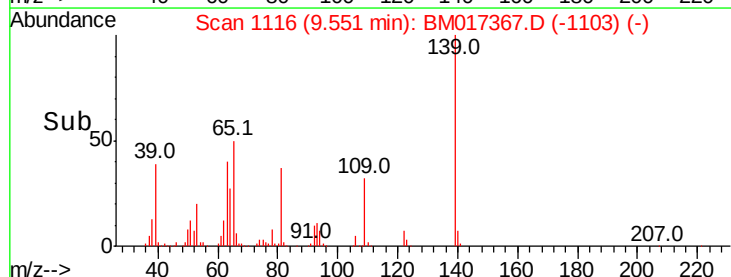
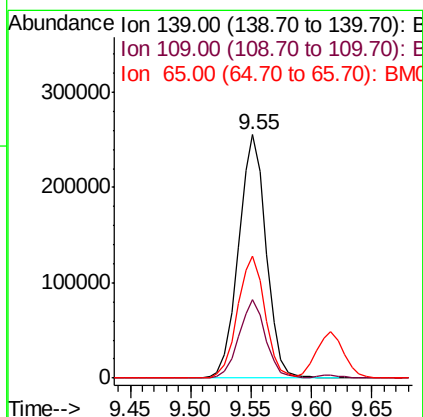
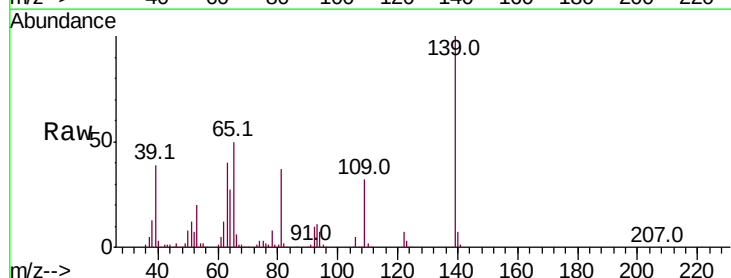
Tgt Ion: 139 Resp: 406339

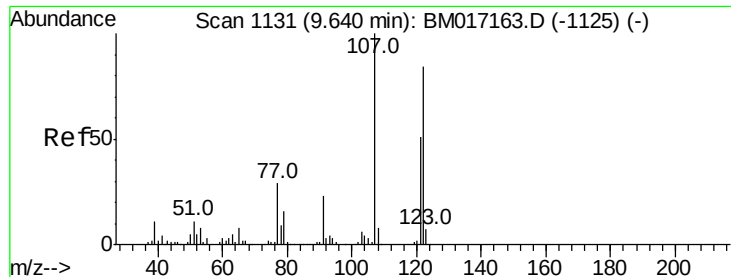
Ion Ratio Lower Upper

139 100

109 32.3 23.2 34.8

65 50.0 40.6 61.0





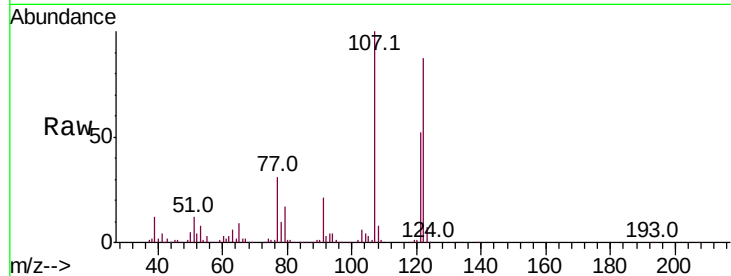
#27
2,4-Dimethylphenol
Concen: 46.821 ng
RT: 9.62 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	750257		
107	115.5	95.0	142.6	
121	59.5	48.2	72.4	

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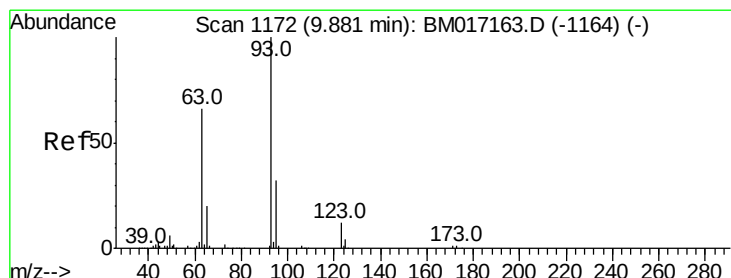
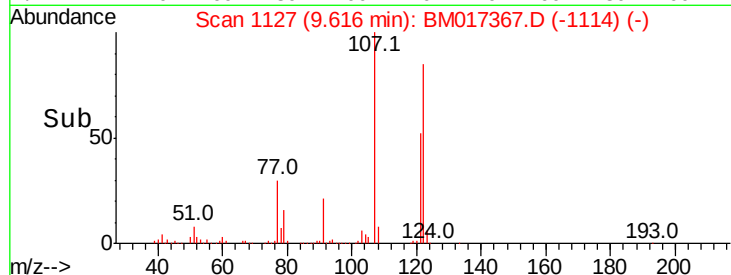
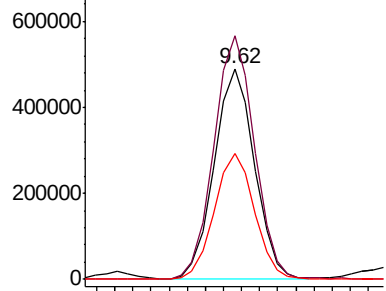


Abundance

Ion 122.00 (121.70 to 122.70): E

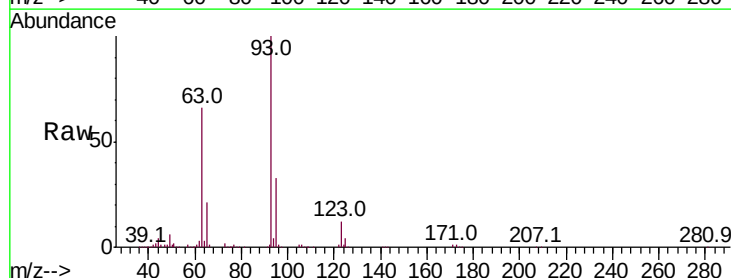
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.278 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	950825		
95	32.9	25.7	38.5	
123	11.7	9.4	14.0	

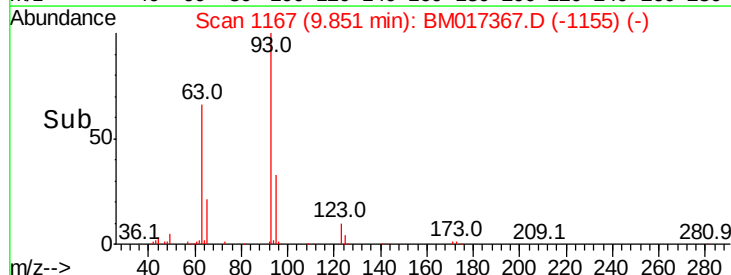
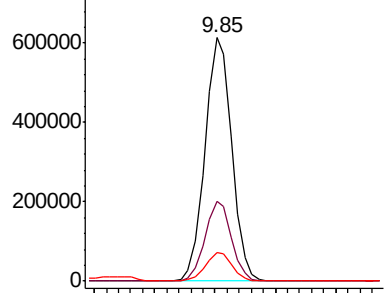


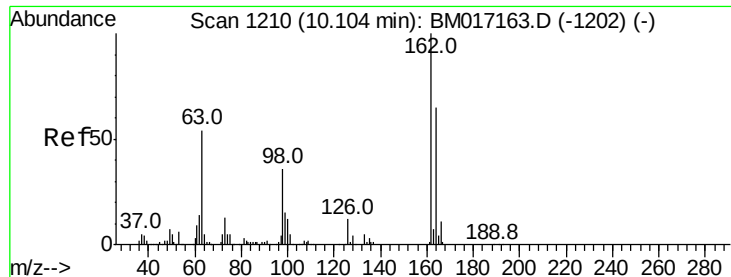
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





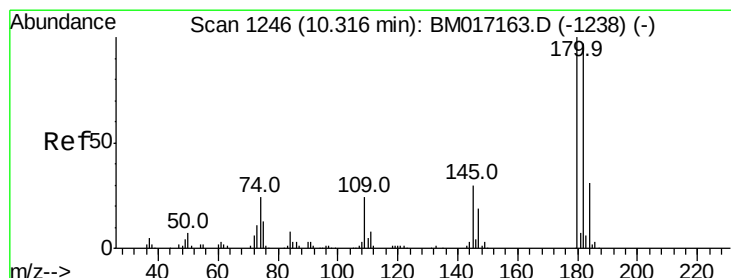
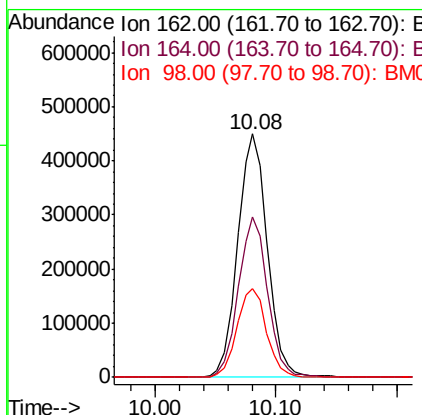
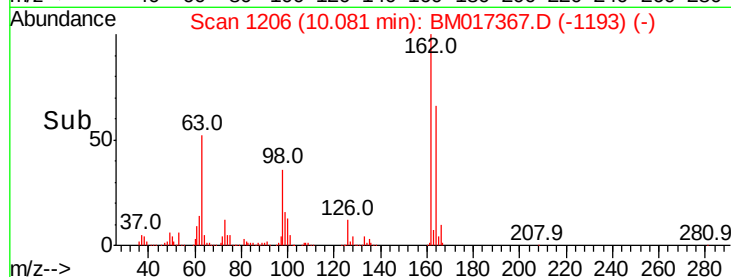
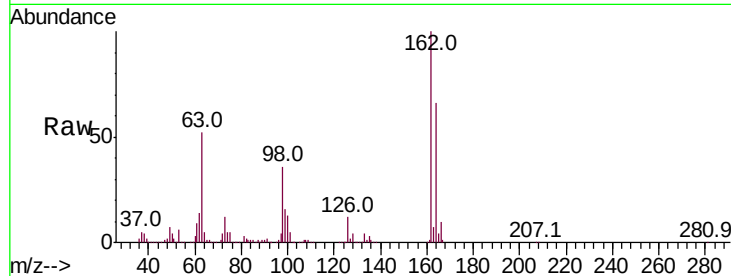
#29
 2,4-Dichlorophenol
 Concen: 41.315 ng
 RT: 10.08 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	768667		
164	65.7		44.9	84.9
98	36.5		15.8	55.8

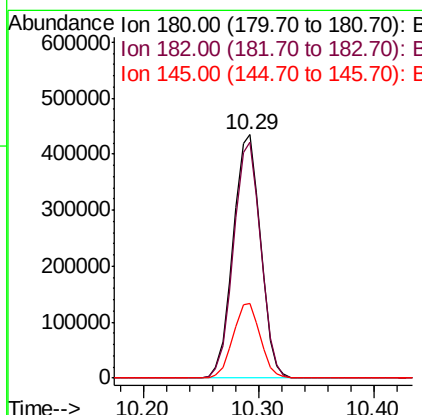
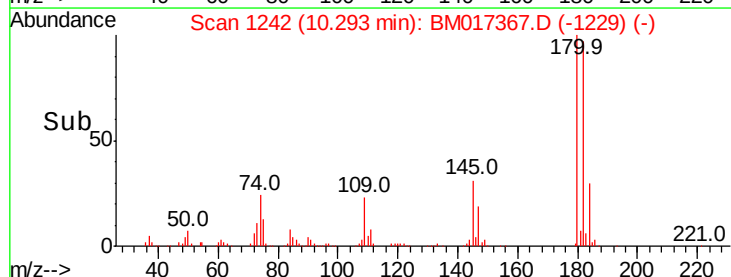
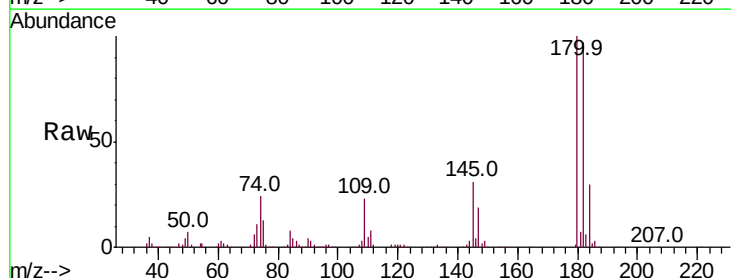
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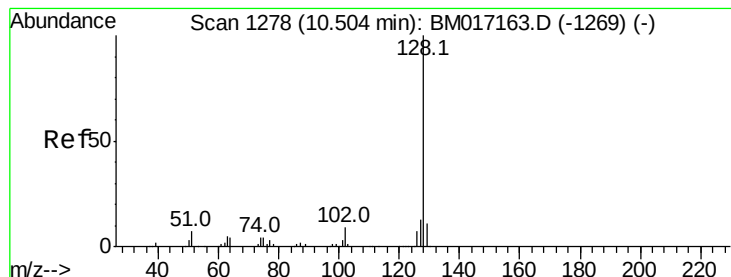
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.086 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	716129		
182	96.8		77.5	116.3
145	30.6		24.0	36.0





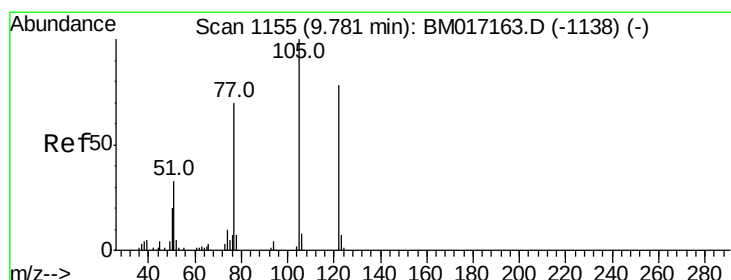
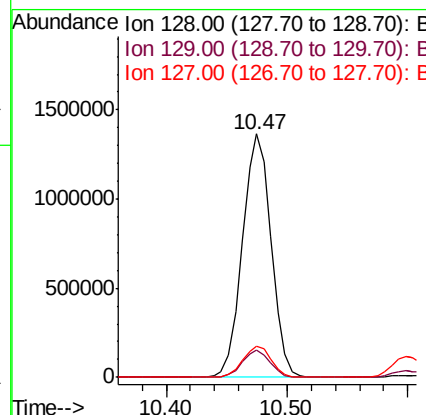
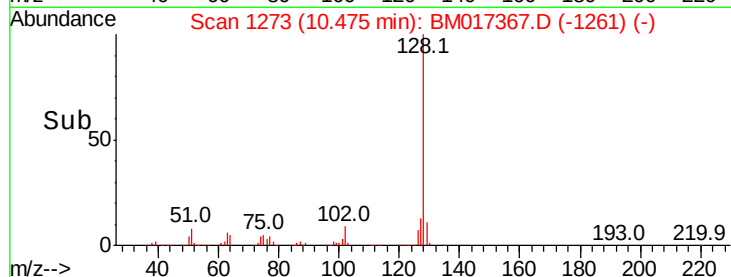
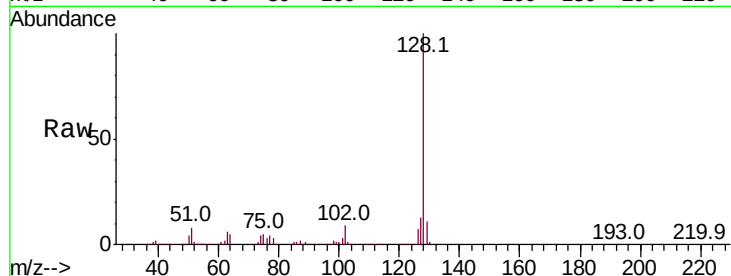
#31
Naphthalene
Concen: 35.840 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion:128 Resp: 2254316
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.0 10.3 15.5

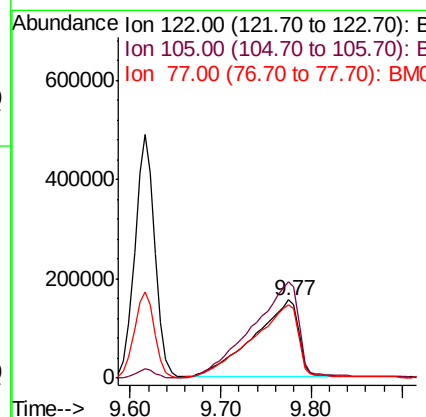
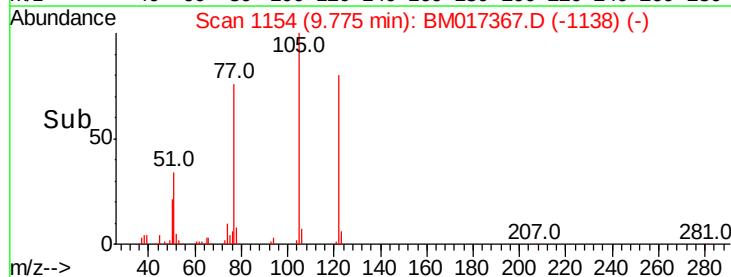
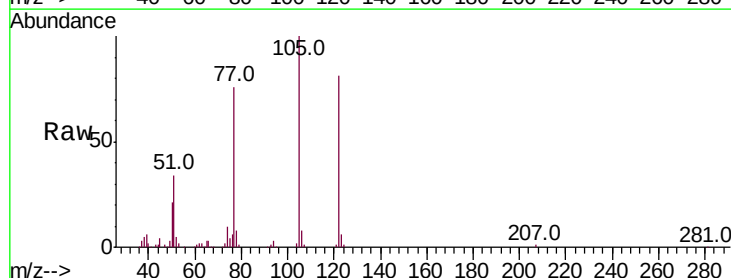
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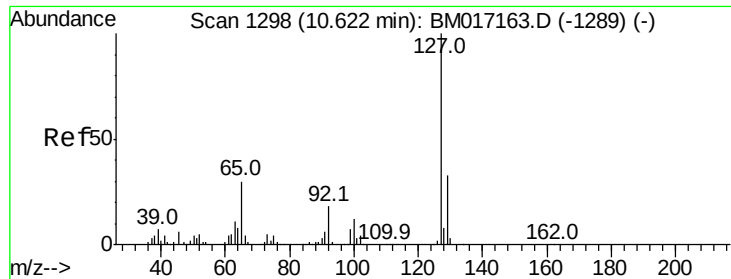
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#32
Benzoic acid
Concen: 43.726 ng
RT: 9.77 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion:122 Resp: 522793
Ion Ratio Lower Upper
122 100
105 123.5 102.0 142.0
77 94.1 67.7 107.7





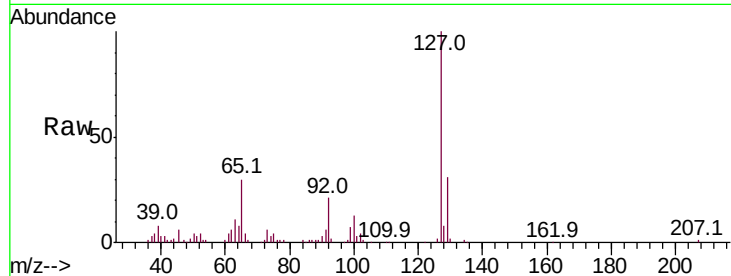
#33
4-Chloroaniline
Concen: 8.246 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleID :
PB114211BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	26.2	39.4	
65	29.8	23.7	35.5	
92	21.1	14.3	21.5	

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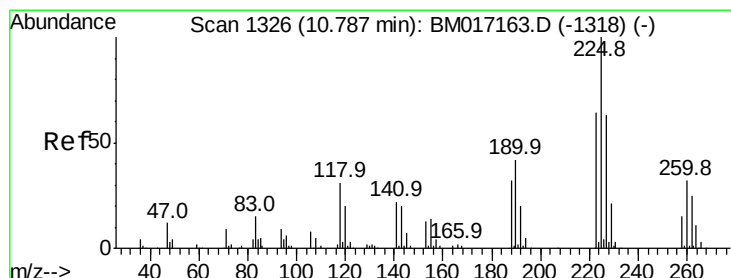
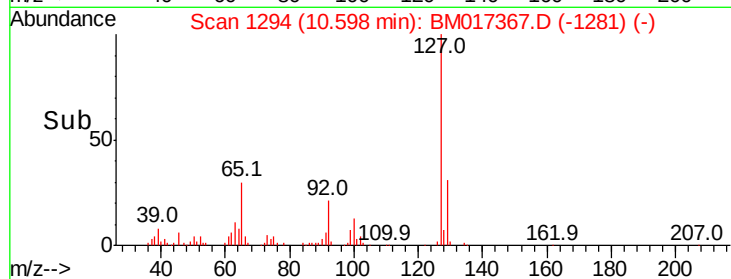
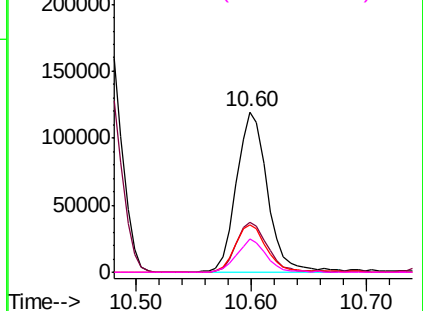
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

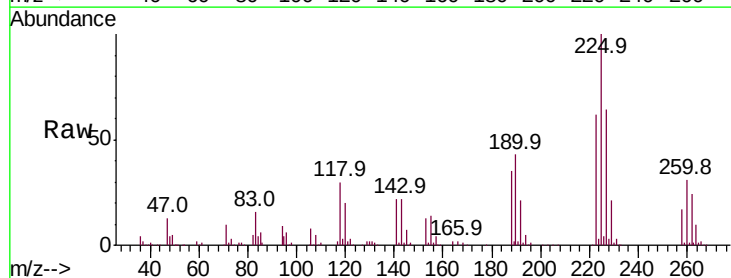
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 29.516 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	51.0	76.6	
227	64.3	50.8	76.2	

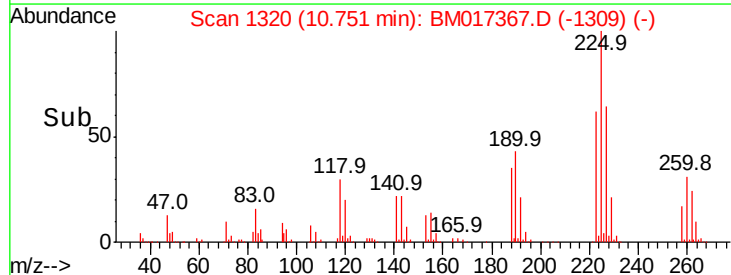
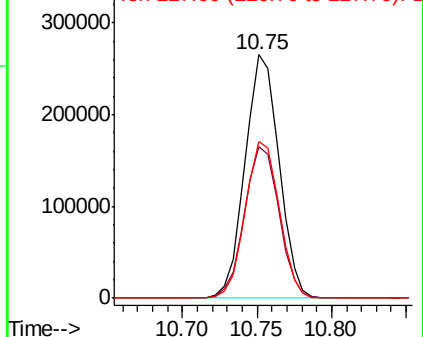


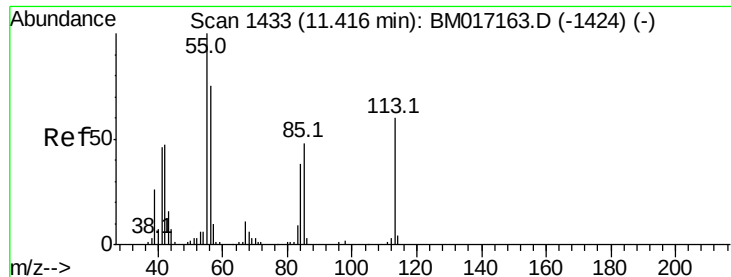
Abundance

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: 38.588 ng/mL

RT: 11.40 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:113 Resp: 261641

Ion Ratio Lower Upper

113 100

55 151.6 147.0 187.0

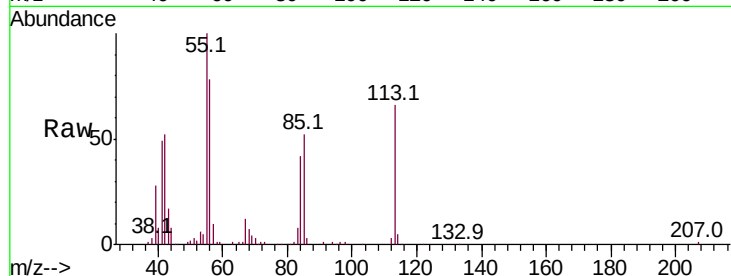
56 117.7 104.5 144.5

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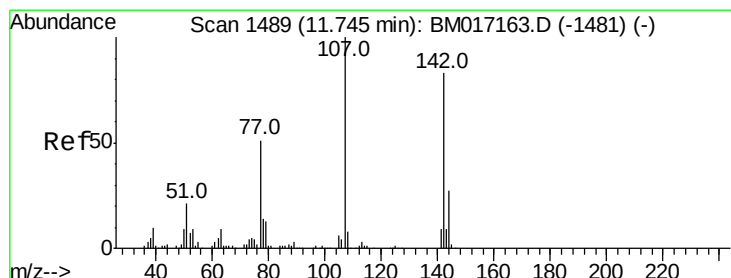
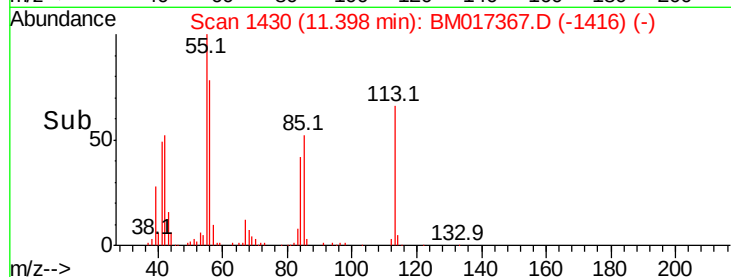
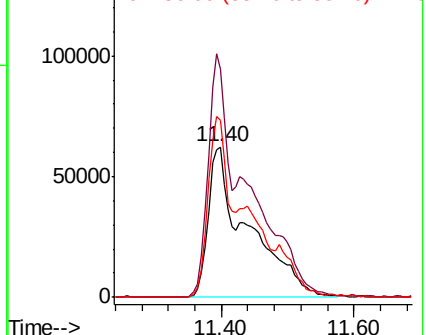
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.479 ng/mL

RT: 11.73 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

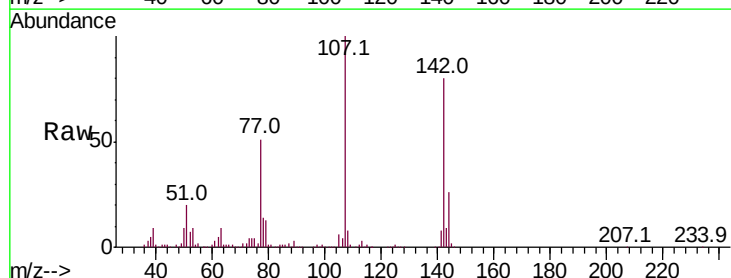
Tgt Ion:107 Resp: 869894

Ion Ratio Lower Upper

107 100

144 25.8 21.6 32.4

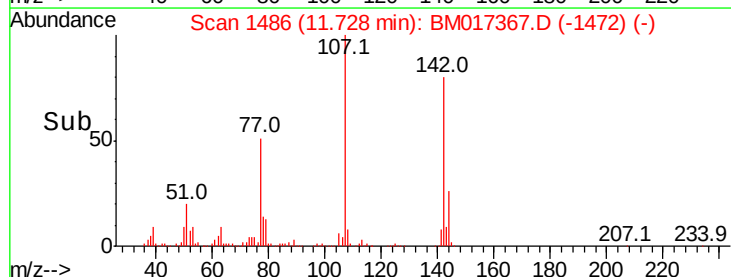
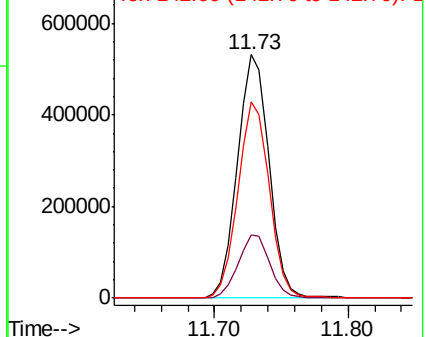
142 80.4 66.0 99.0

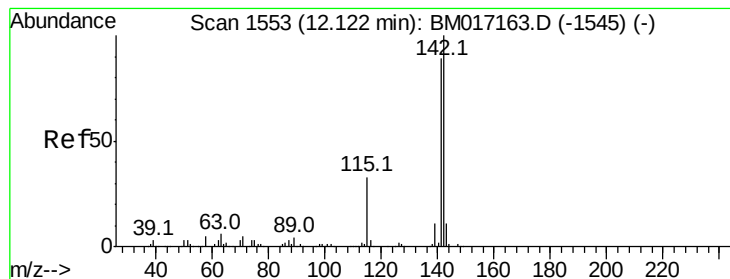


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.124 ng

RT: 12.09 min Scan# 1548

Delta R.T. -0.03 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:142 Resp: 1770062

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3

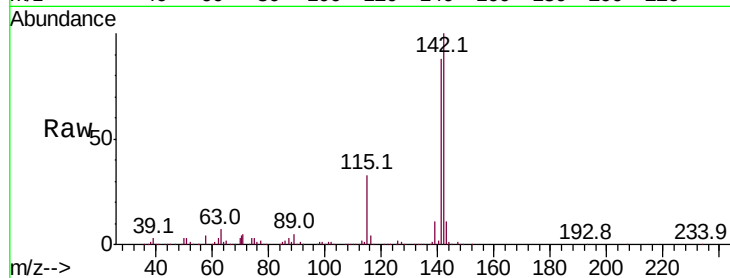
115 33.0 26.4 39.6

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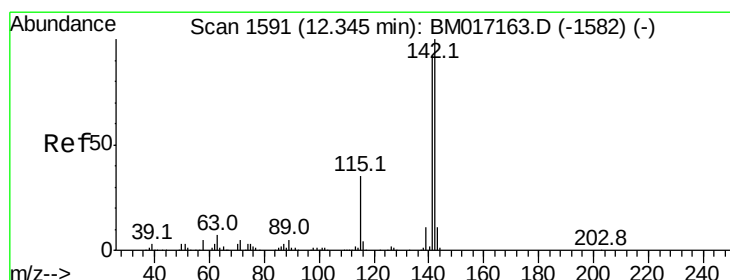
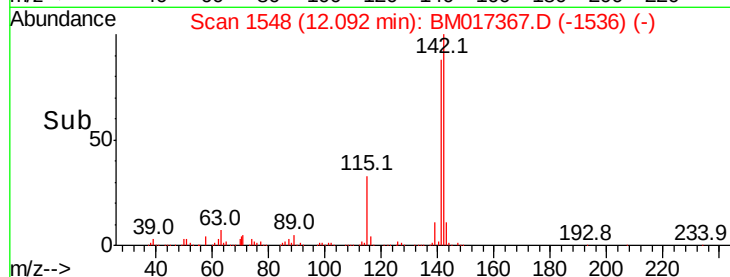
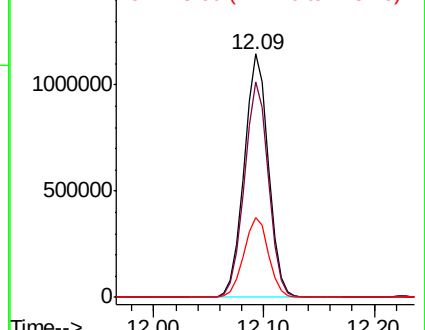


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.123 ng

RT: 12.32 min Scan# 1586

Delta R.T. -0.03 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

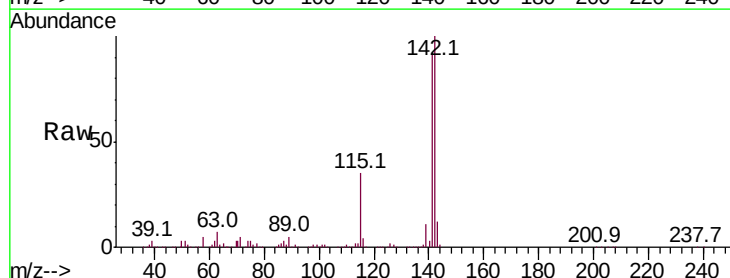
Tgt Ion:142 Resp: 1680862

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.6

116 3.6 2.9 4.3

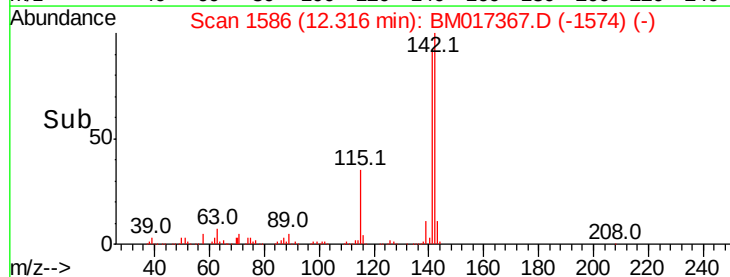
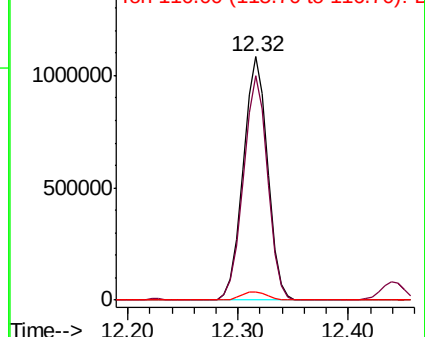


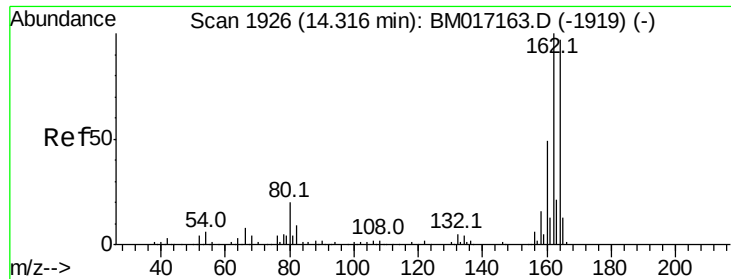
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





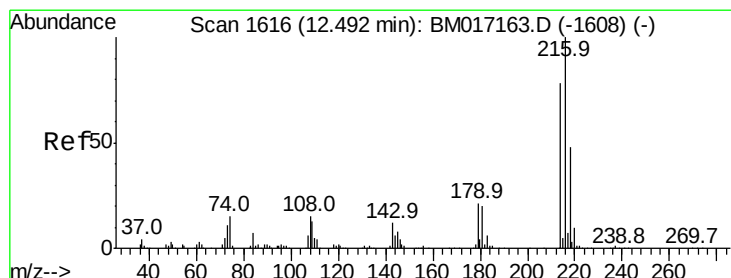
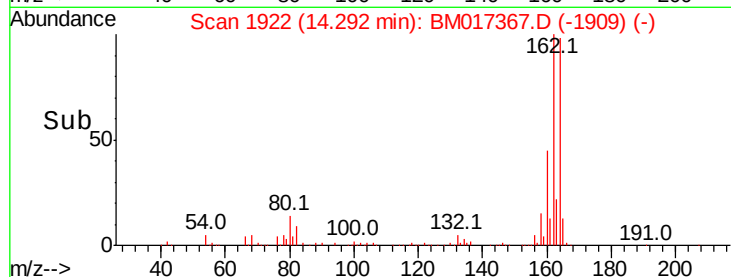
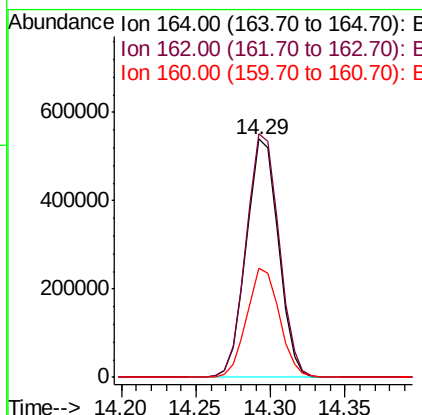
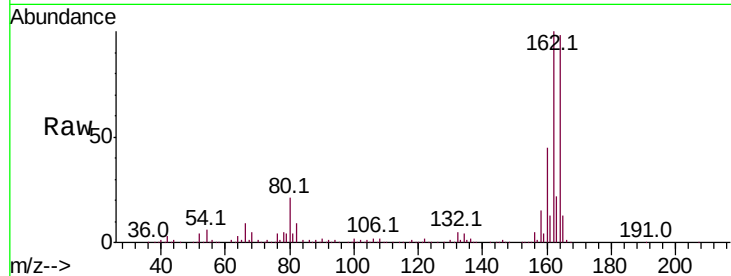
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.1	123.1
160	45.6	40.2	60.2

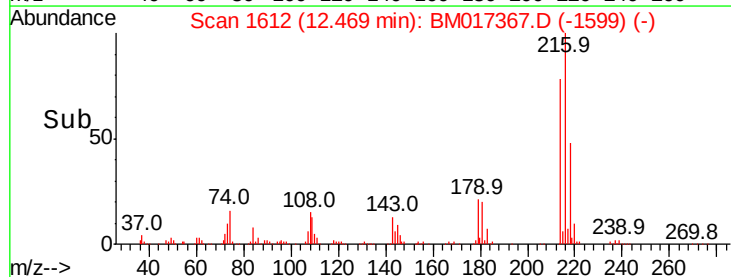
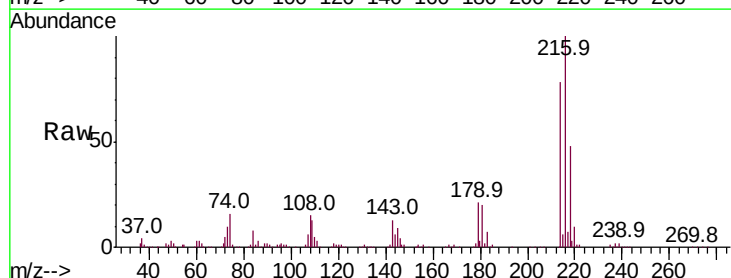
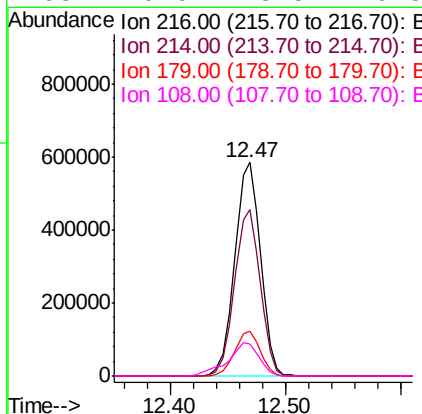
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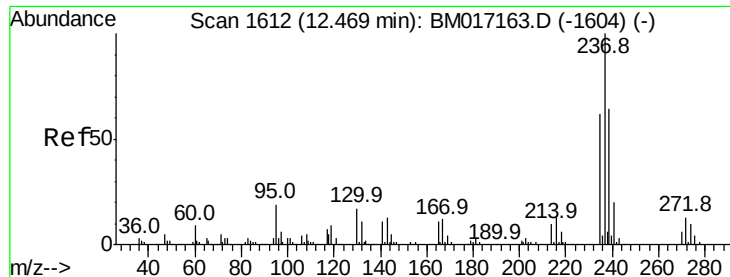
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.839 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.6	93.8
179	20.9	16.6	24.8
108	19.0	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 79.642 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.03 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:237 Resp: 1088295

Ion Ratio Lower Upper

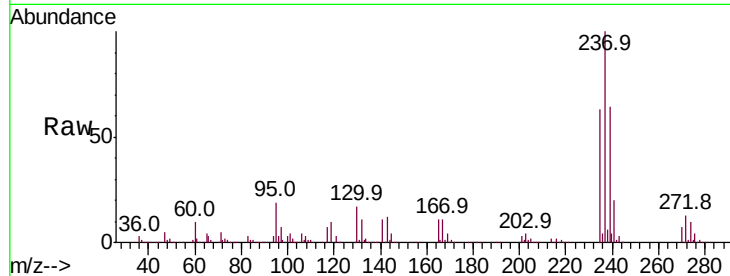
237 100

235 62.8 42.4 82.4

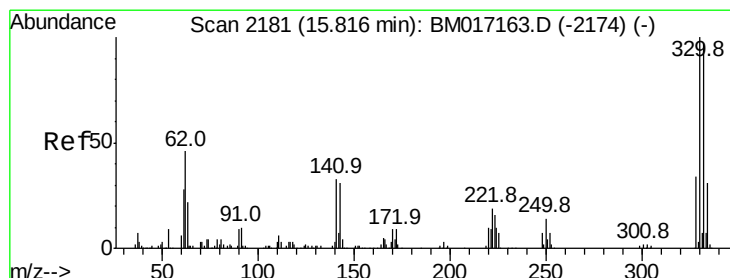
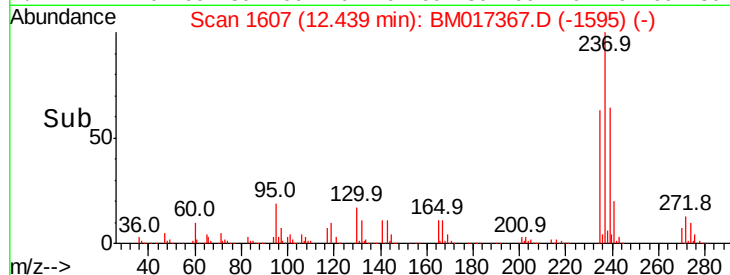
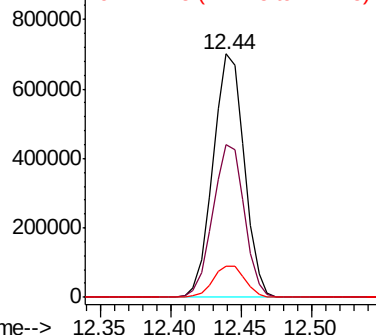
272 13.0 0.0 33.0

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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: 81.538 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

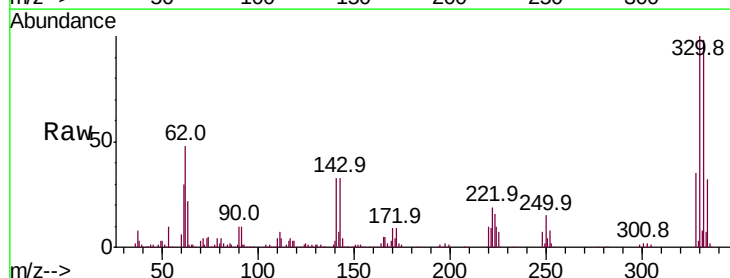
Tgt Ion:330 Resp: 885055

Ion Ratio Lower Upper

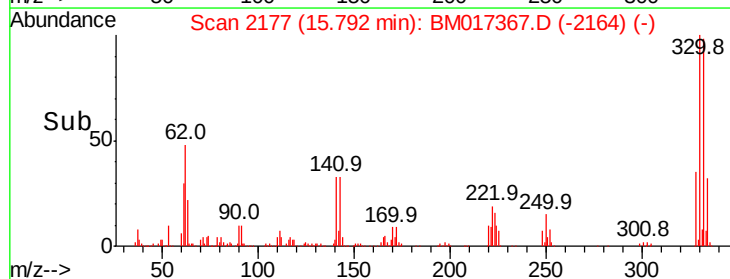
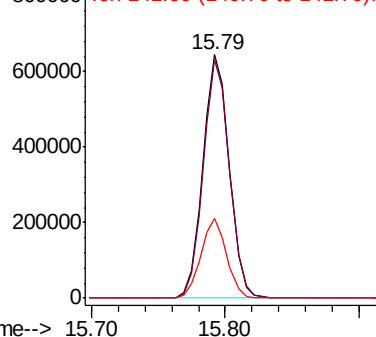
330 100

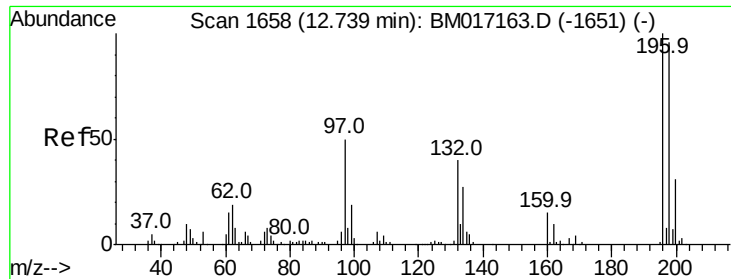
332 97.0 77.3 115.9

141 32.2 27.4 41.0



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





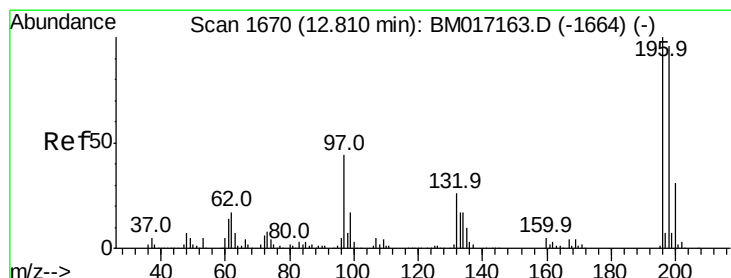
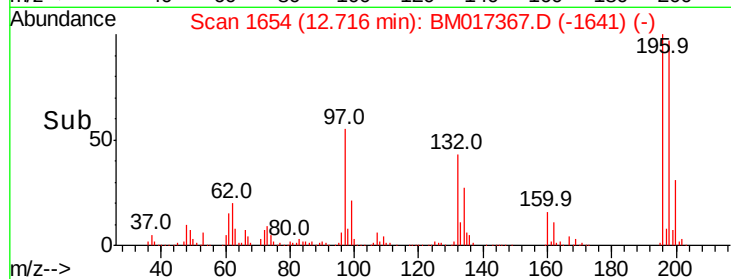
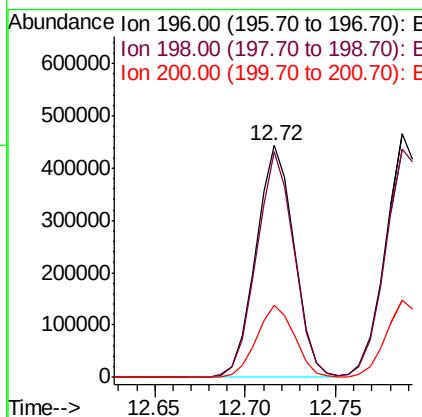
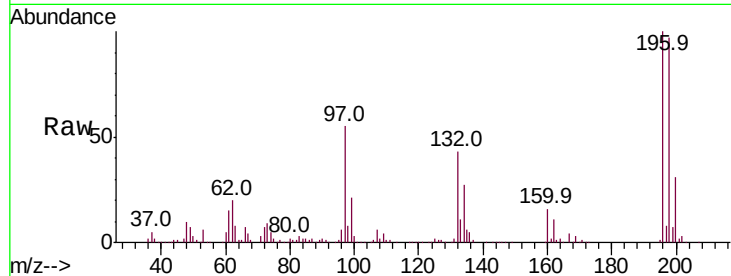
#43
 2,4,6-Trichlorophenol
 Concen: 39.627 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	650229		
198	97.2		77.1	115.7
200	31.2		25.0	37.4

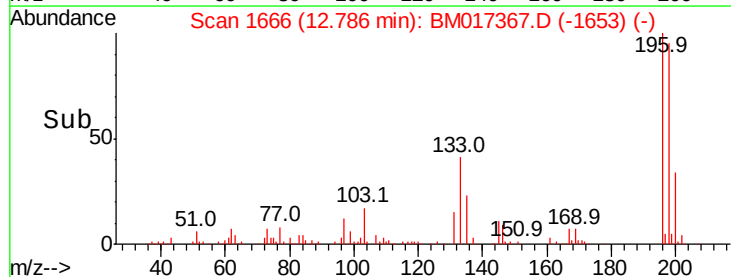
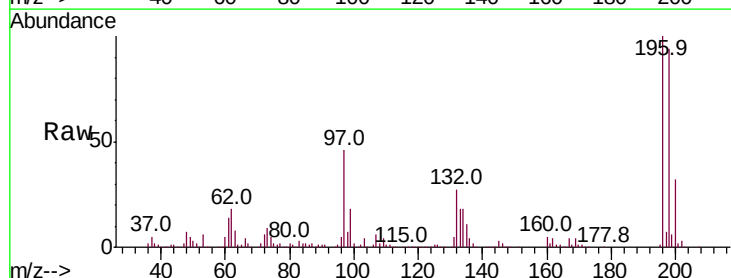
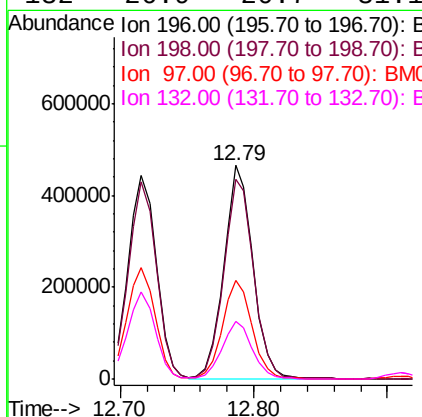
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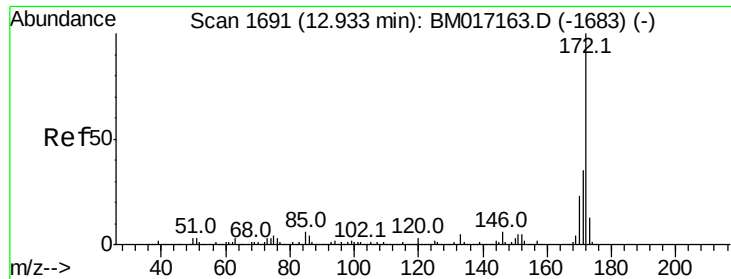
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 40.003 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	703876		
198	93.6		76.6	115.0
97	46.2		35.5	53.3
132	26.9		20.7	31.1





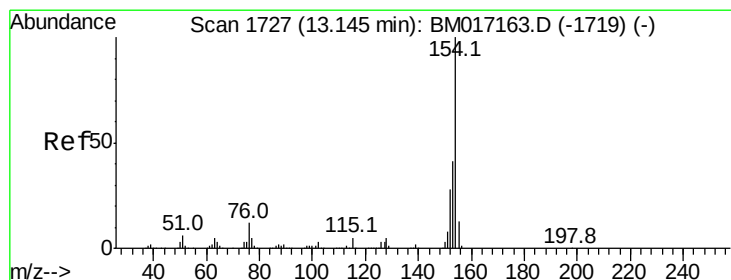
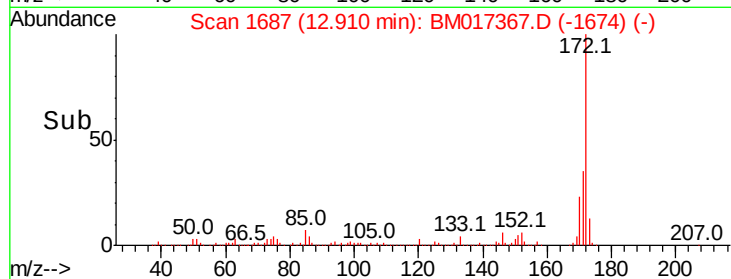
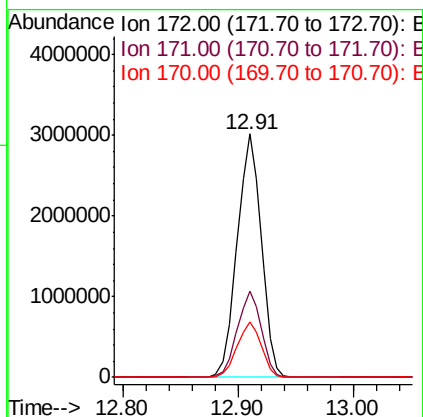
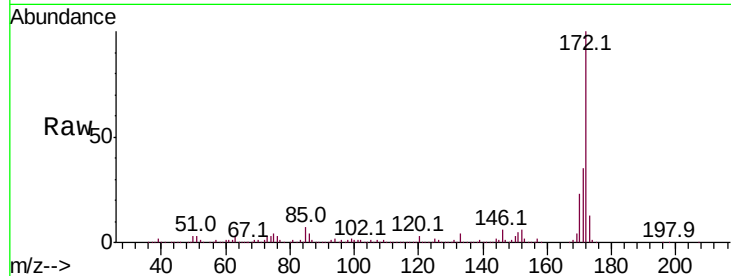
#45
2-Fluorobiphenyl
Concen: 72.323 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.6	18.3	27.5

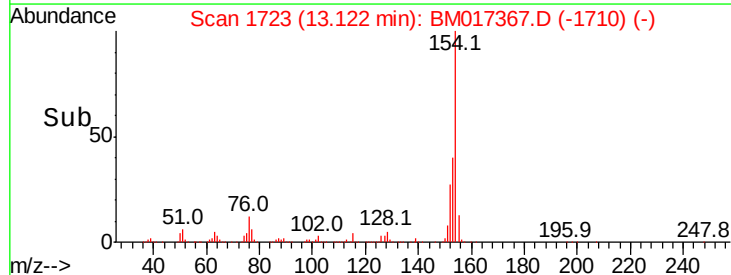
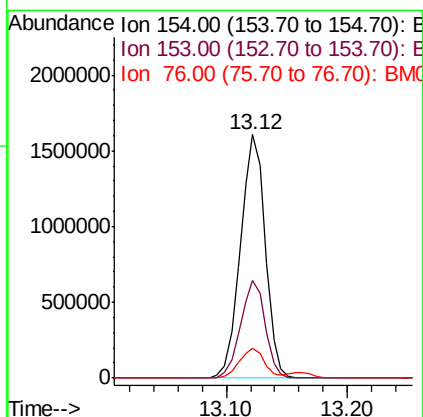
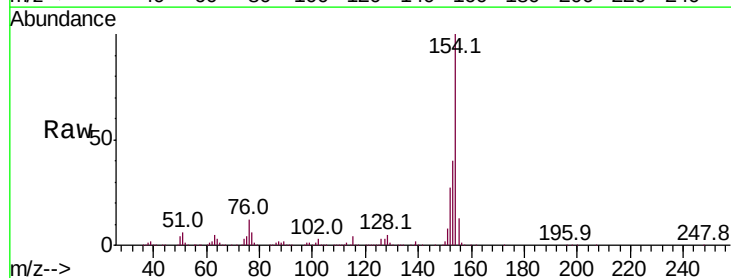
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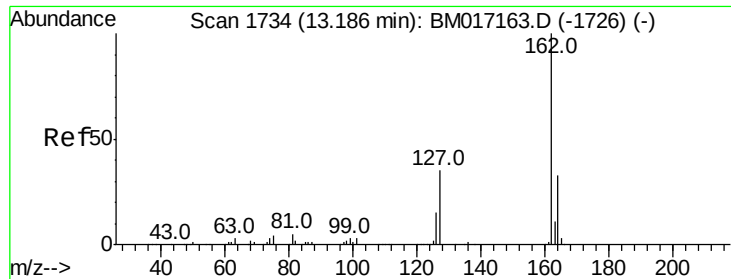
Sohil
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#46
1,1'-Biphenyl
Concen: 31.877 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.5	60.5
76	12.4	0.0	31.8





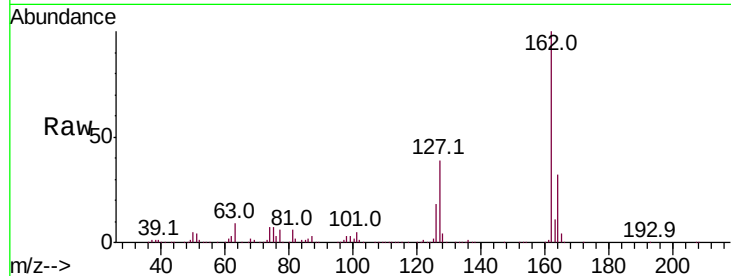
#47
2-Chloronaphthalene
Concen: 33.766 ng
RT: 13.16 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.4
164	32.4	26.6	39.8

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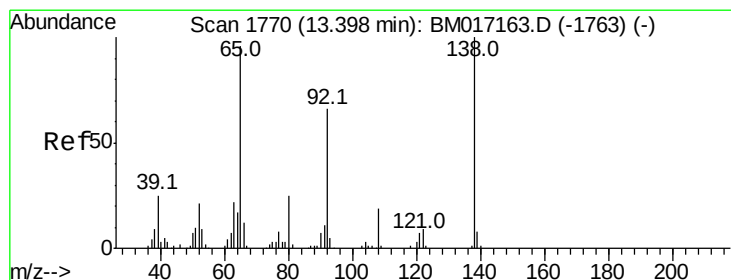
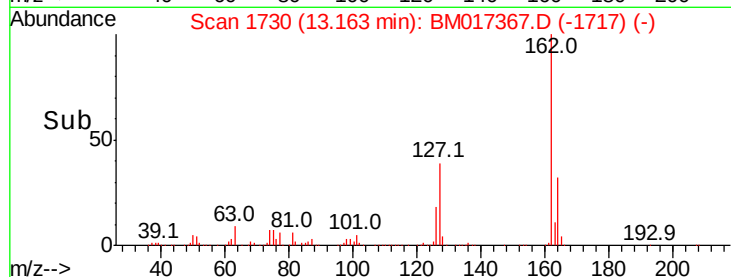
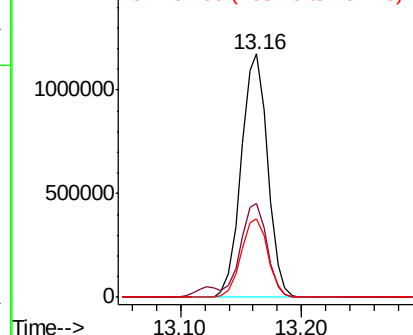


Abundance

Ion 162.00 (161.70 to 162.70): E

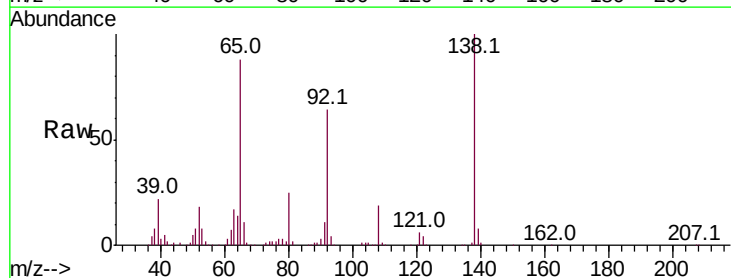
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.675 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.9	82.3
138	113.8	83.7	125.5

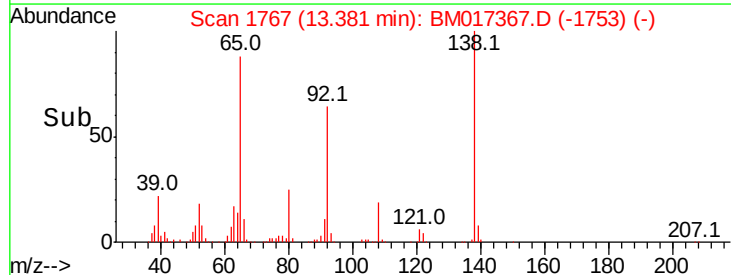
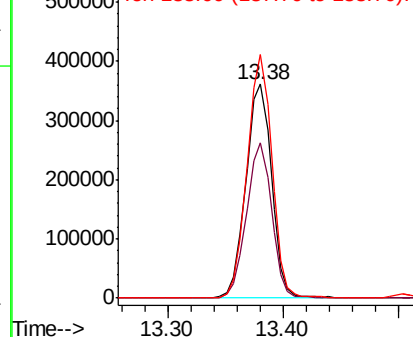


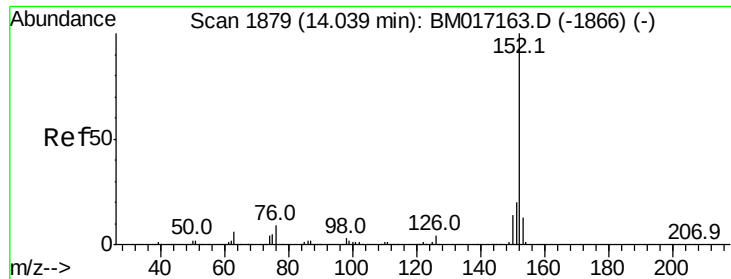
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.990 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:152 Resp: 3003061

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

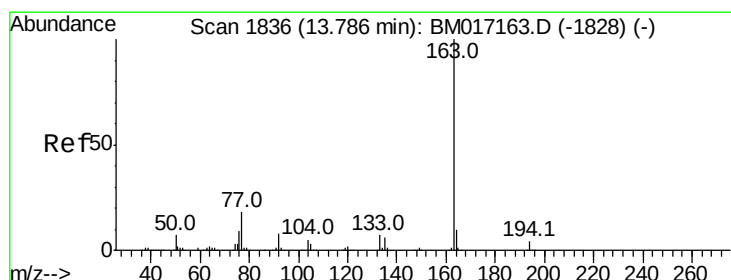
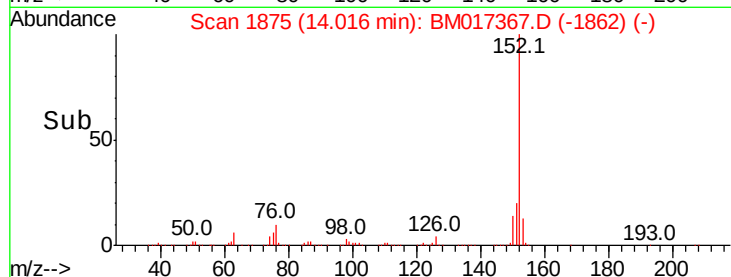
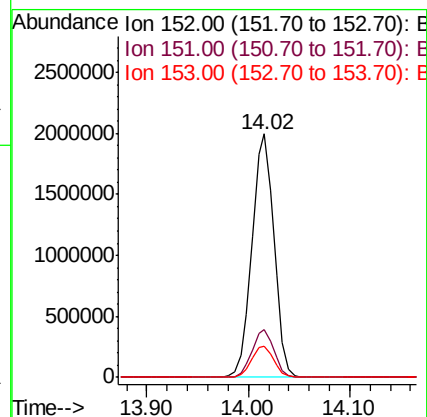
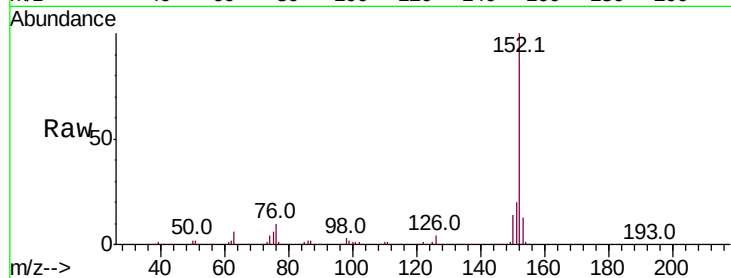
153 13.0 10.4 15.6

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#50

Dimethylphthalate

Concen: 37.243 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

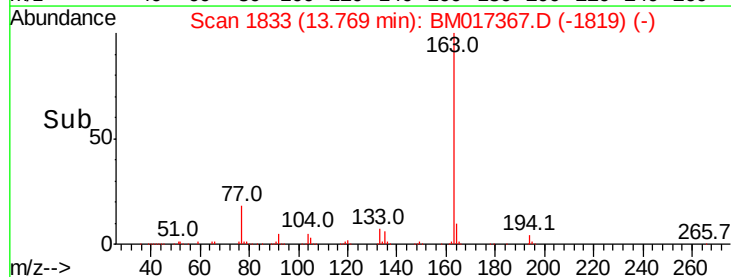
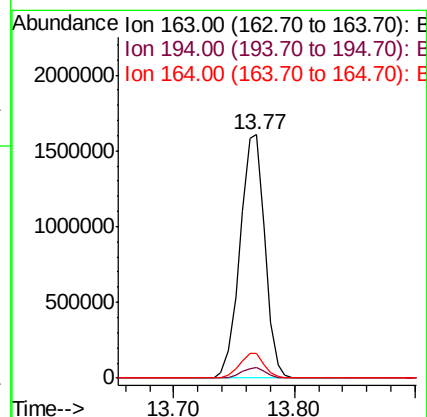
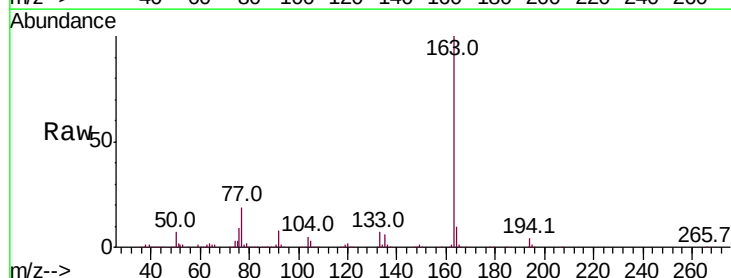
Tgt Ion:163 Resp: 2306225

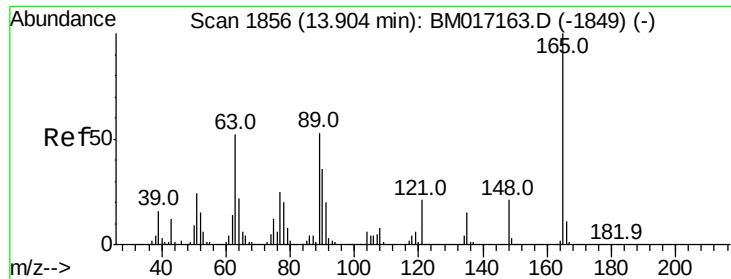
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 7.8 11.8





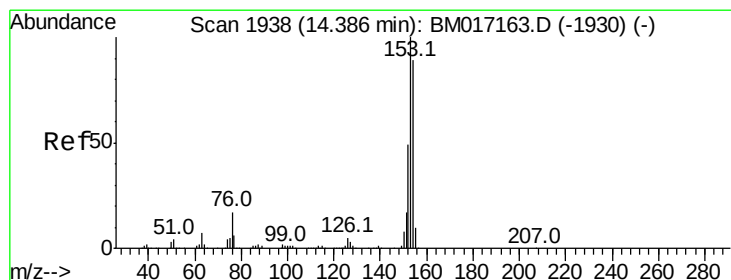
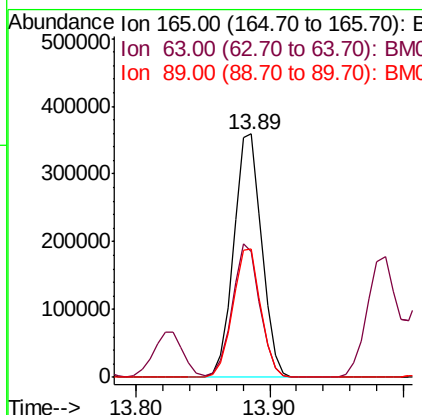
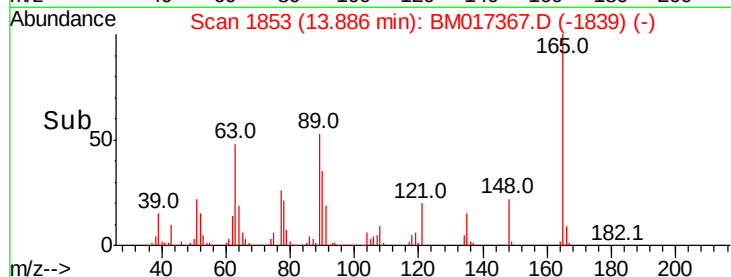
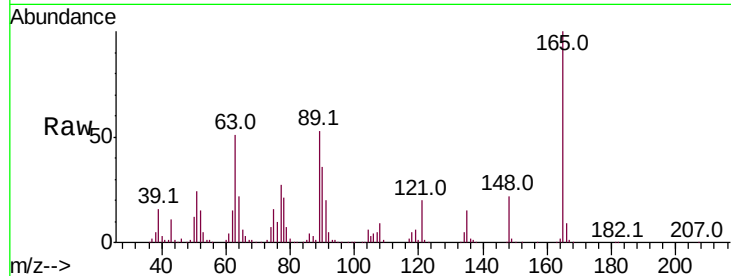
#51
2,6-Dinitrotoluene
Concen: 38.359 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	42.7	64.1
89	52.9	42.1	63.1

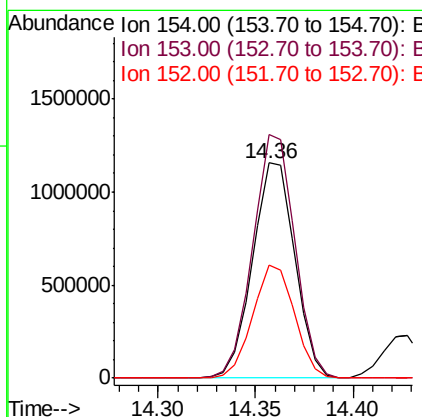
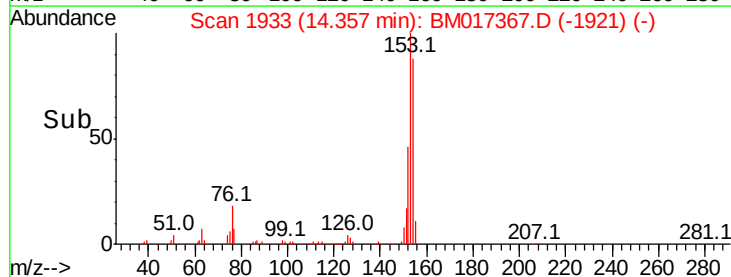
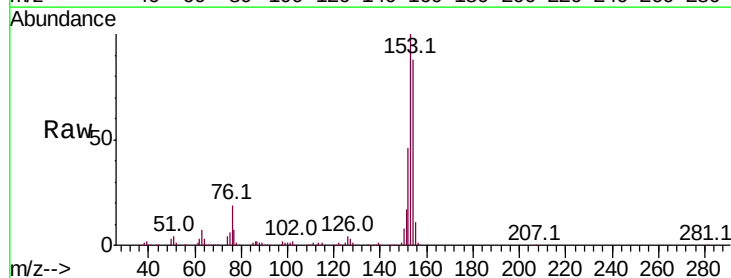
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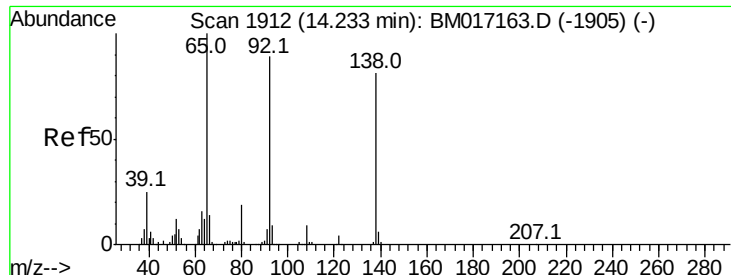
Sohil
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#52
Acenaphthene
Concen: 35.931 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.03 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.2
152	52.6	44.2	66.4





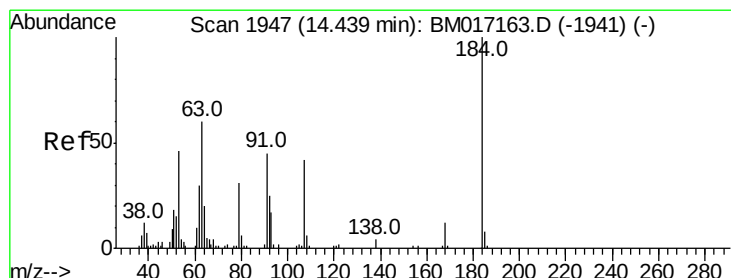
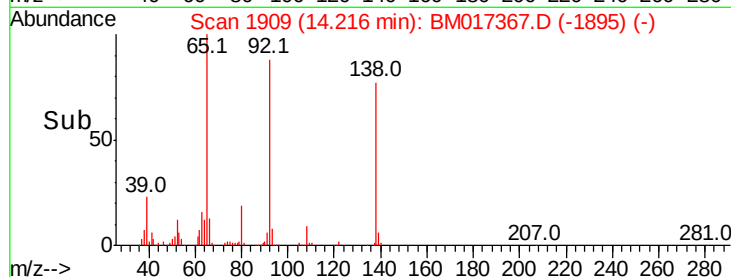
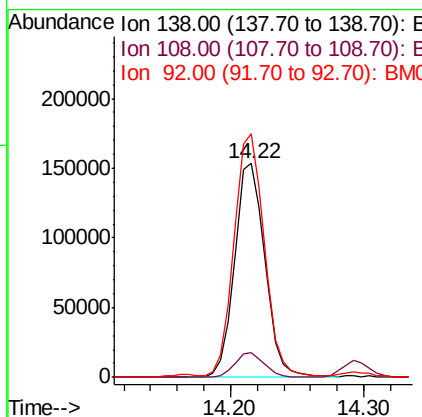
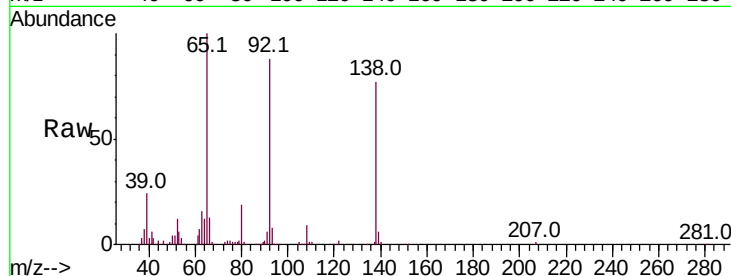
#53
3-Nitroaniline
Concen: 16.469 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	113.8	87.9	131.9

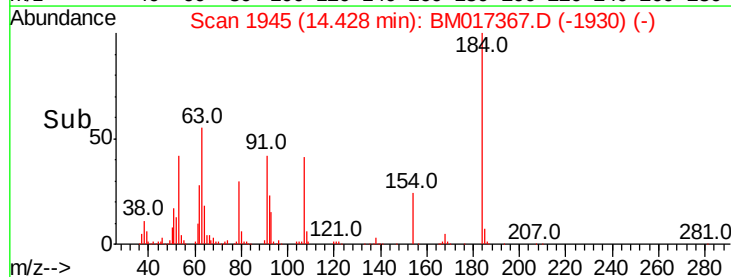
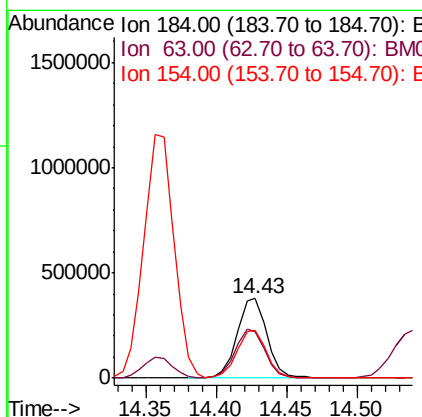
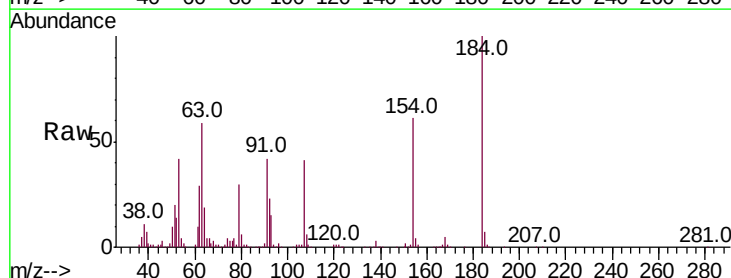
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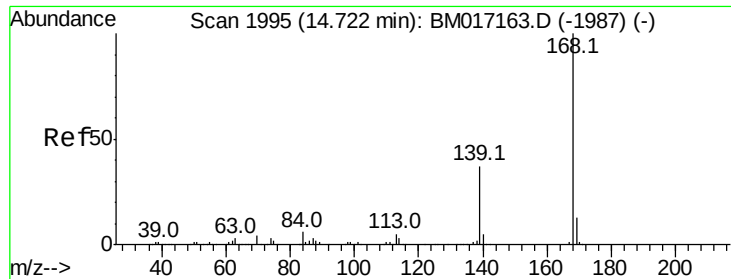
Sohil
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#54
2,4-Dinitrophenol
Concen: 70.954 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	51.2	76.8
154	60.7	47.8	71.8





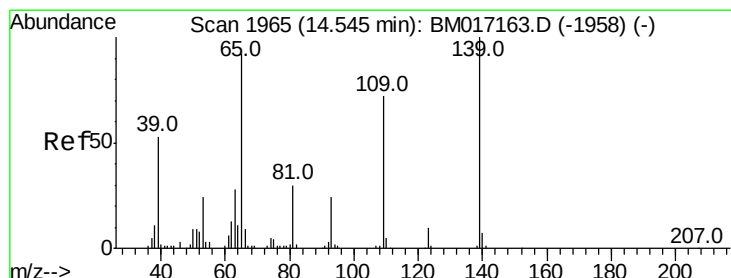
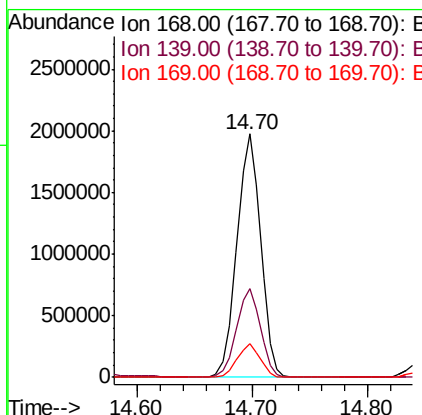
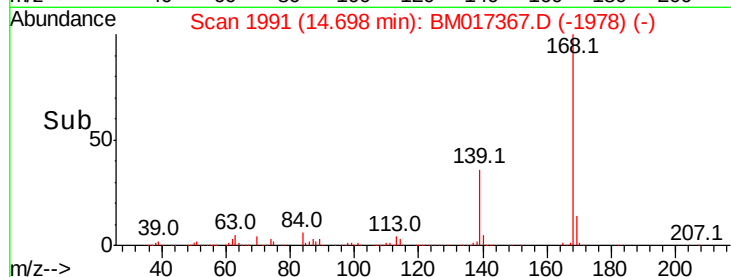
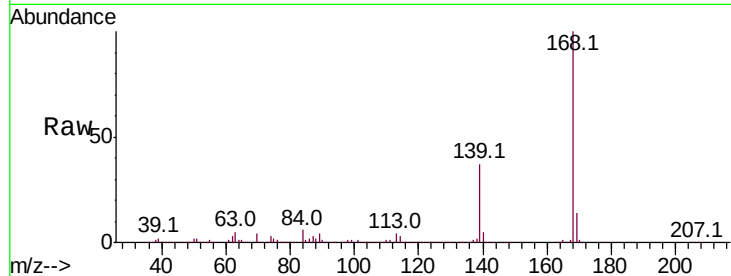
#55
Dibenzenofuran
Concen: 34.901 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleID :
PB114211BSD

Tot Ion:168 Resp: 2806795
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9
169 13.6 10.6 15.8

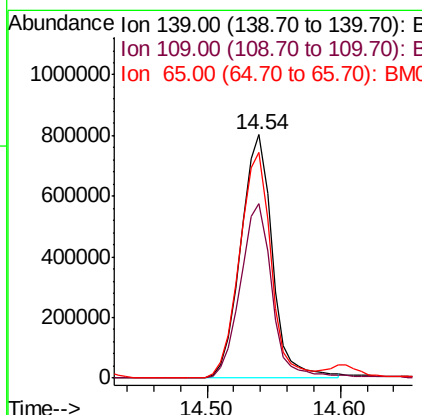
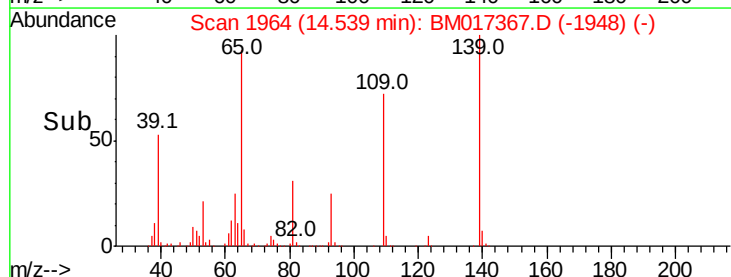
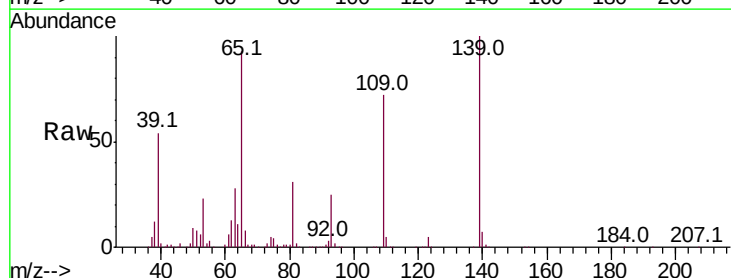
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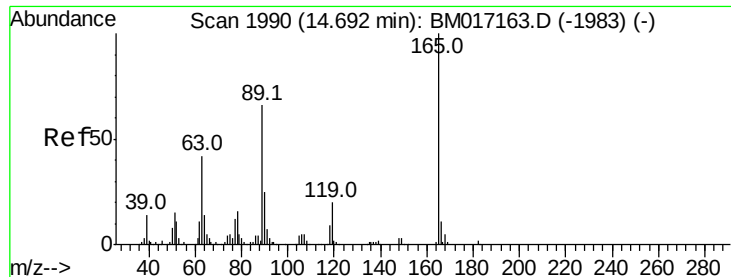
Sohil
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#56
4-Nitrophenol
Concen: 96.754 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion:139 Resp: 1315762
Ion Ratio Lower Upper
139 100
109 71.9 51.8 91.8
65 92.9 72.1 112.1





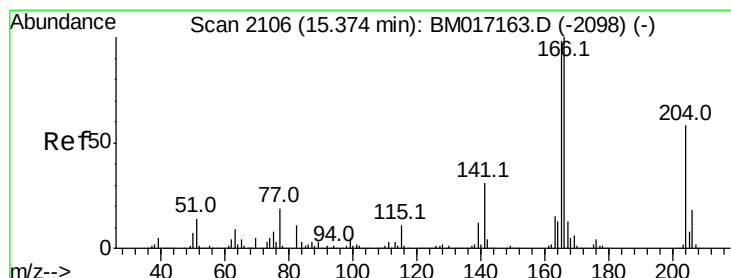
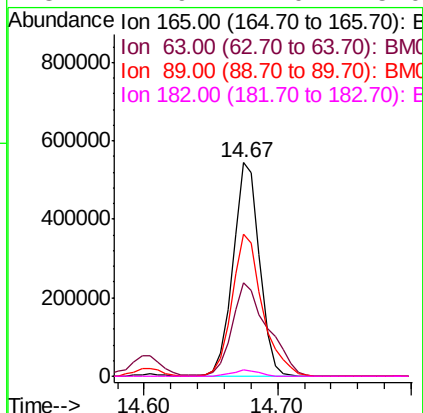
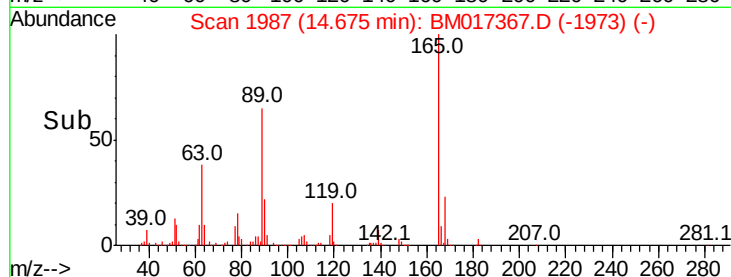
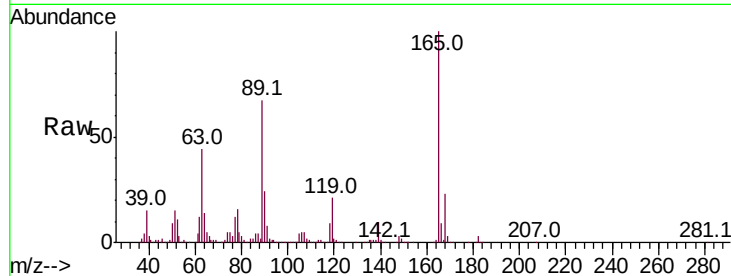
#57
2,4-Dinitrotoluene
Concen: 40.971 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	750514		
63	43.6		33.8	50.8
89	66.8		53.1	79.7
182	2.9		2.0	3.0

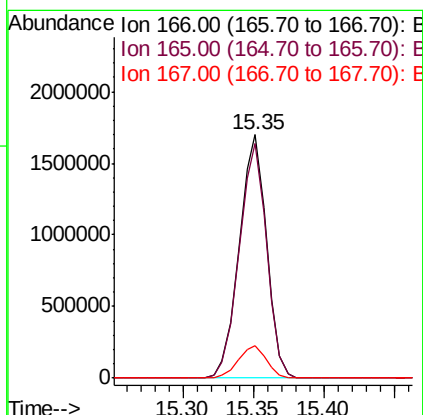
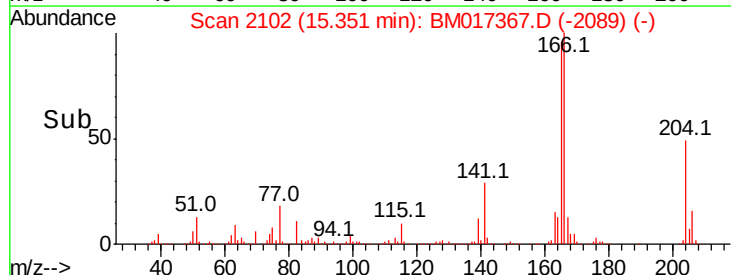
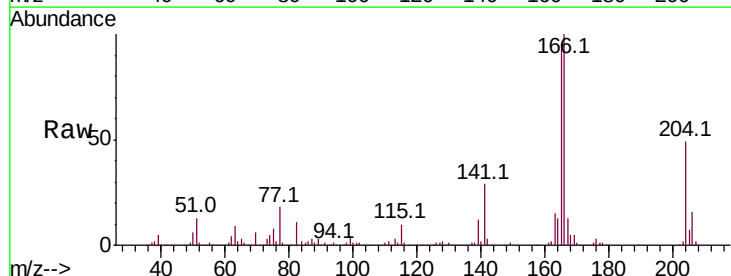
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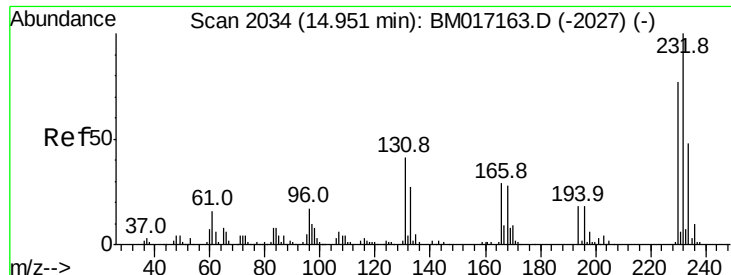
Sohil
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#58
Fluorene
Concen: 38.618 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2298774		
165	96.5		78.1	117.1
167	13.2		10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.405 ng

RT: 14.93 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:232 Resp: 664081

Ion Ratio Lower Upper

232 100

131 42.1 33.1 49.7

130 2.1 1.7 2.5

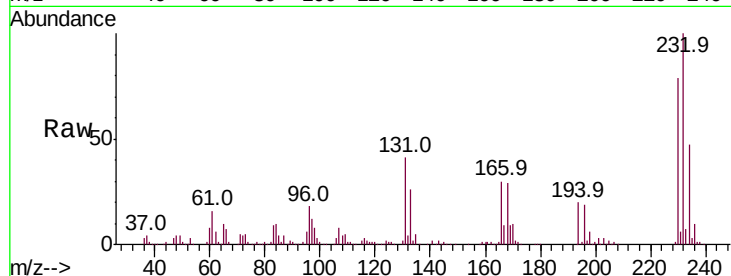
166 30.7 24.4 36.6

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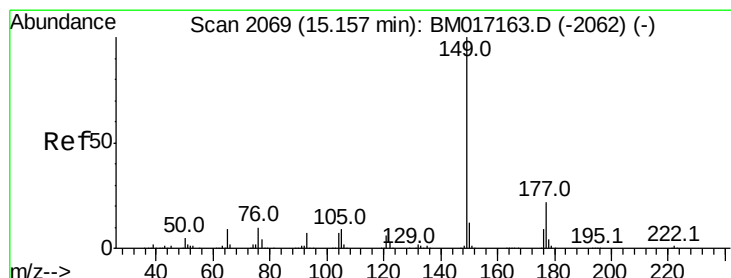
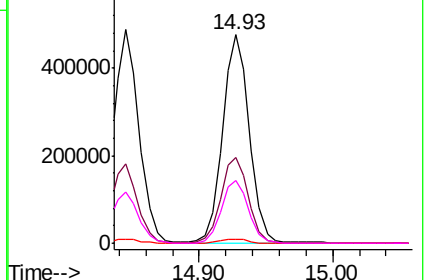
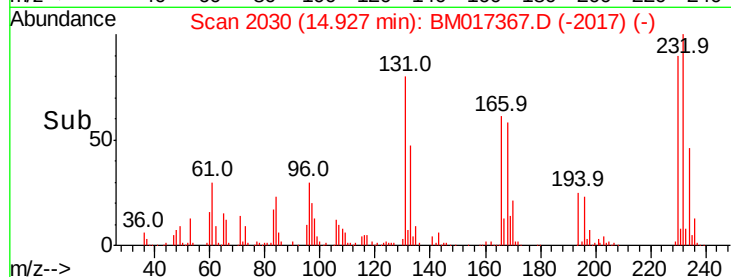


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.021 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

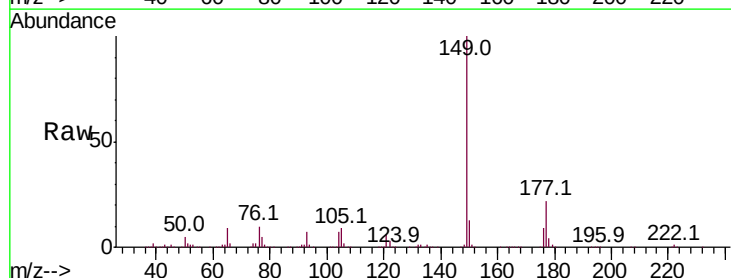
Tgt Ion:149 Resp: 2334886

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

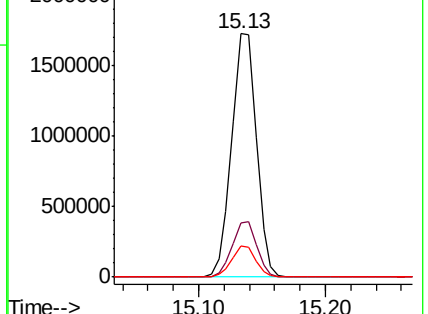
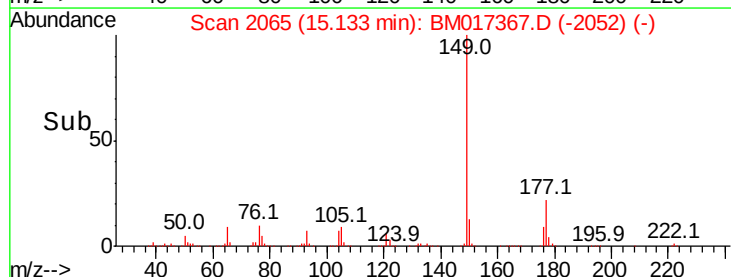
150 12.7 10.0 15.0

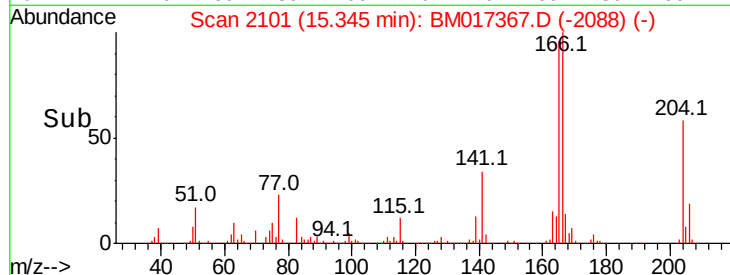
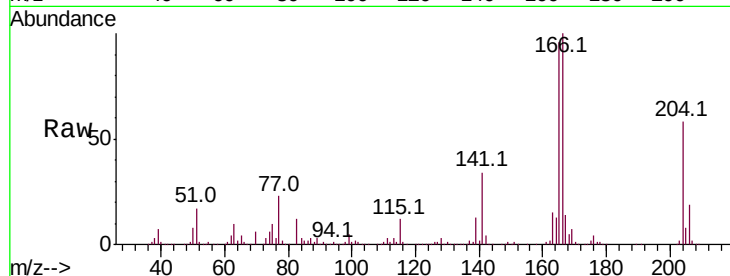
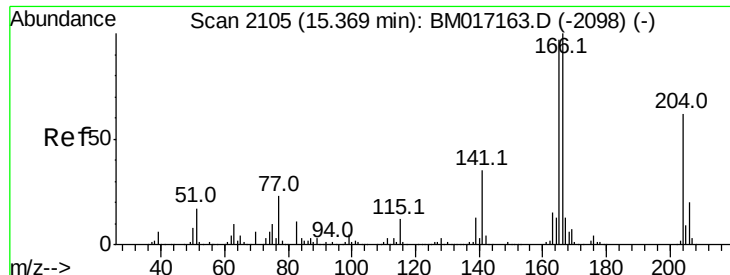


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





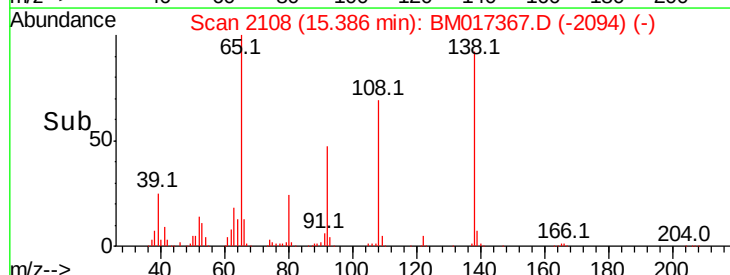
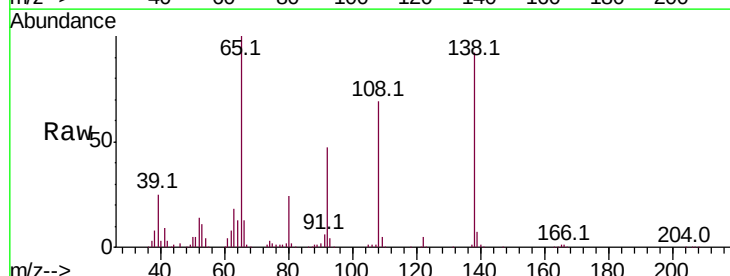
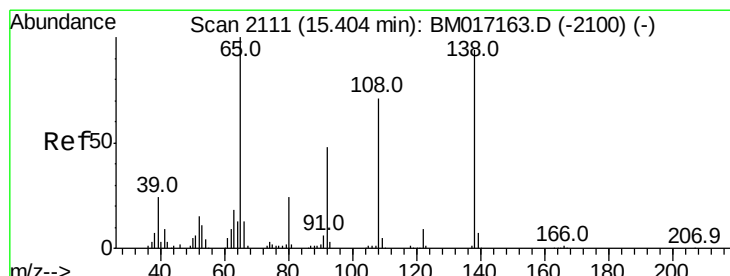
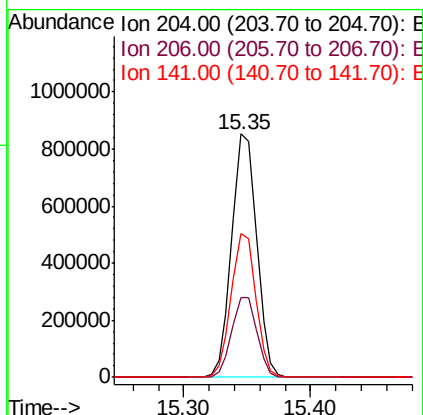
#61
4-Chlorophenyl-phenylether
Concen: 34.235 ng
RT: 15.35 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion:204 Resp: 1161787
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 59.0 45.4 68.2

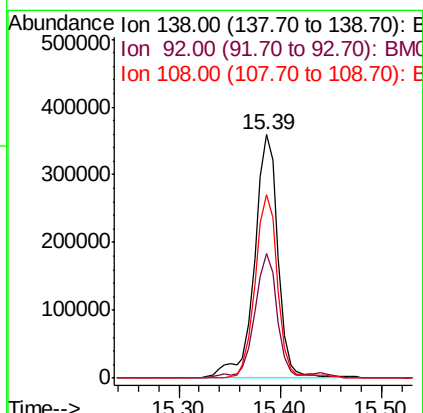
Manual Integrations
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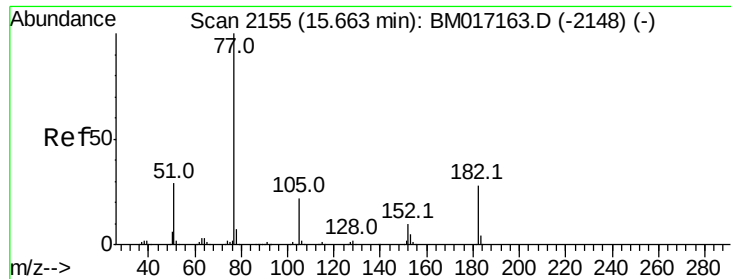
Sohil
10/29/2018 2:15:08 PM



#62
4-Nitroaniline
Concen: 36.488 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion:138 Resp: 580222
Ion Ratio Lower Upper
138 100
92 51.3 31.2 71.2
108 75.5 55.5 95.5





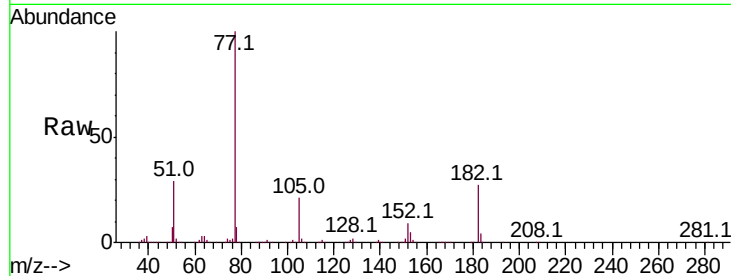
#63
Azobenzene
Concen: 37.137 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.3	48.3
105	21.1	1.5	41.5
51	29.3	8.8	48.8

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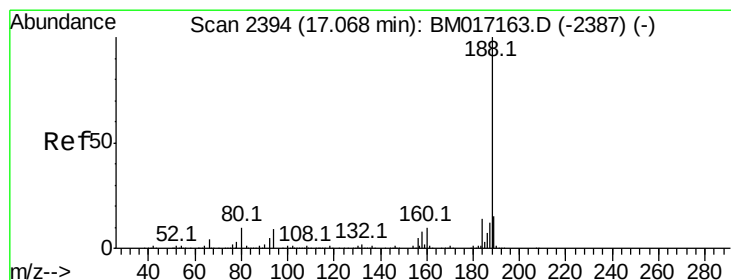
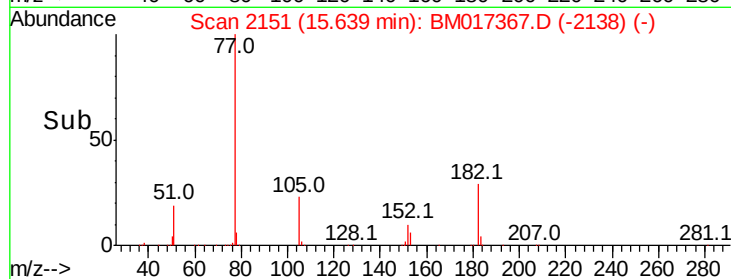
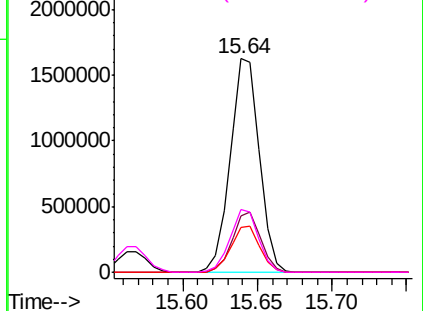


Abundance Ion 77.00 (76.70 to 77.70): BM017367.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017367.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017367.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017367.D (-2148) (-)



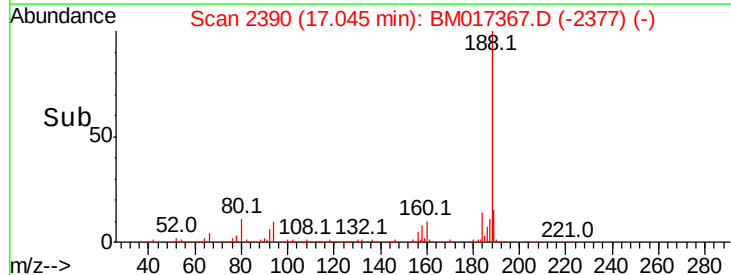
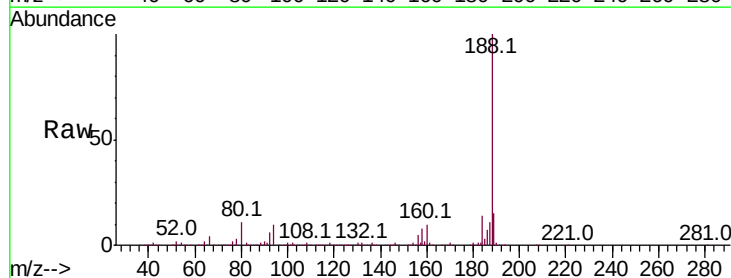
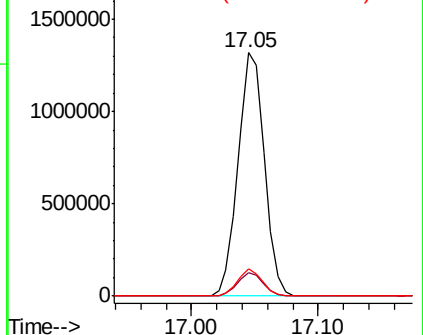
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

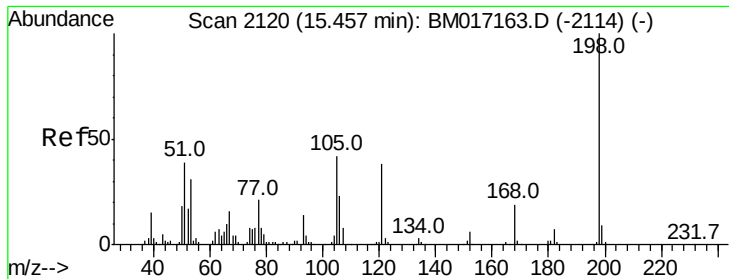
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.4
80	11.1	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BM017367.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017367.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017367.D (-2377) (-)





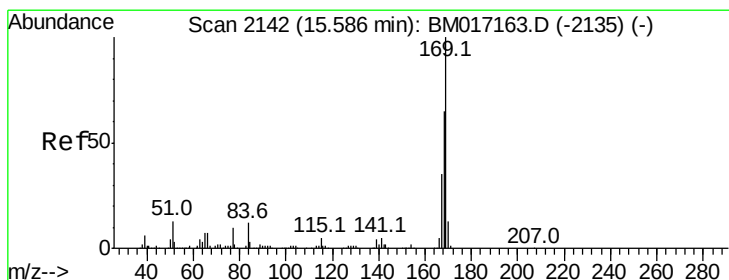
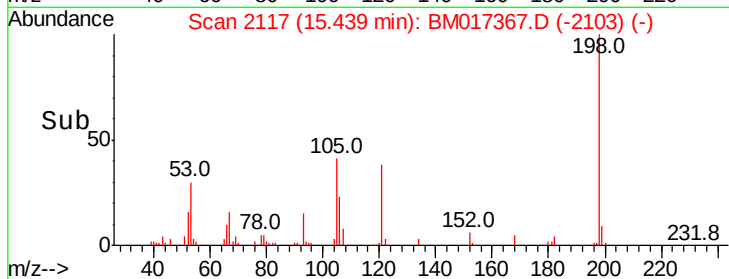
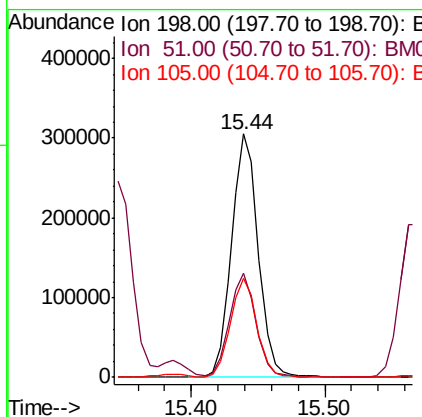
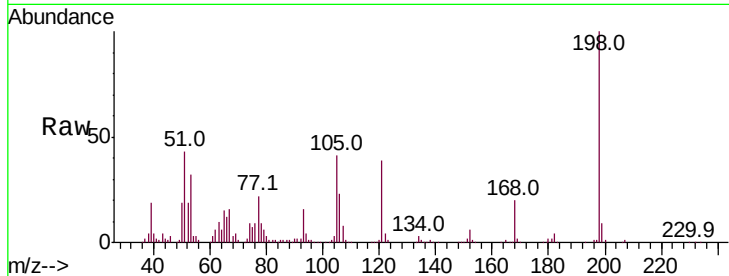
#65
4,6-Dinitro-2-methylphenol
Concen: 37.029 ng
RT: 15.44 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	427090		
51	42.8	20.3	60.3	
105	40.9	21.9	61.9	

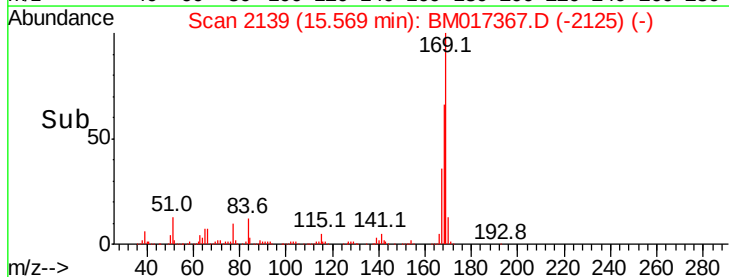
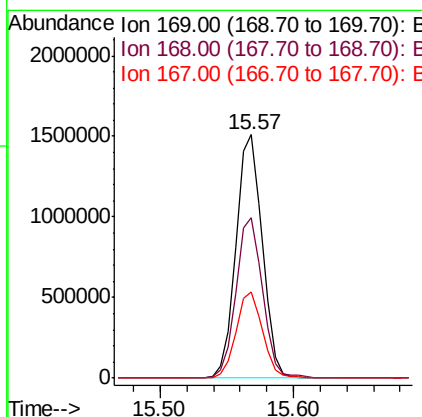
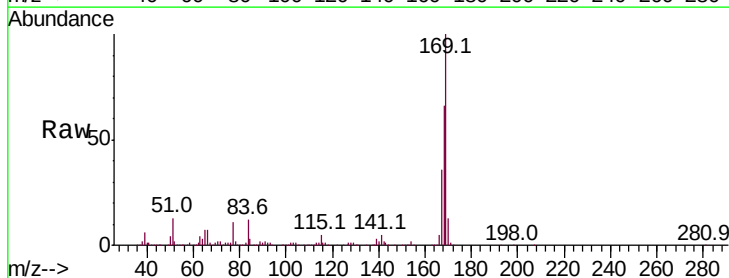
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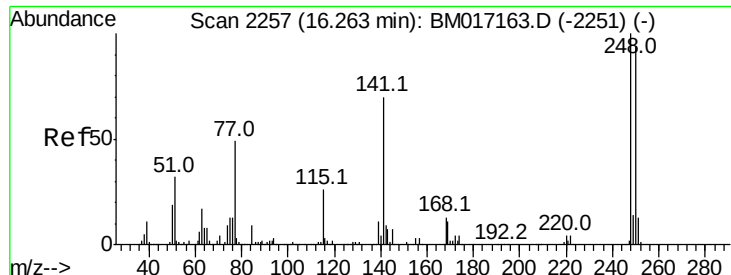
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 36.090 ng
RT: 15.57 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2065737		
168	65.9	52.2	78.4	
167	35.5	28.4	42.6	





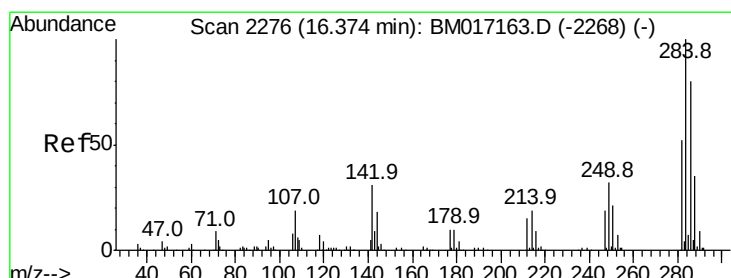
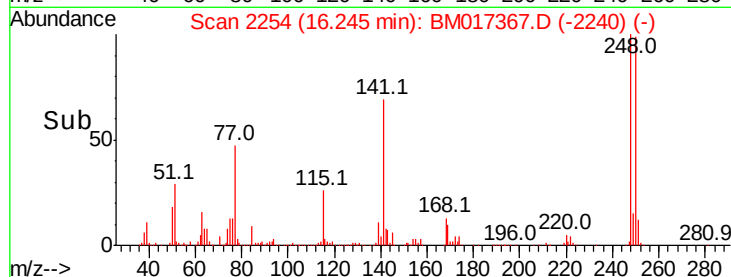
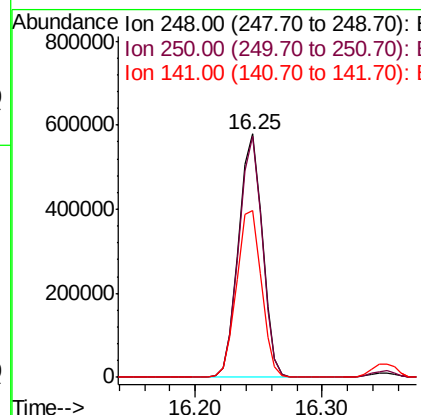
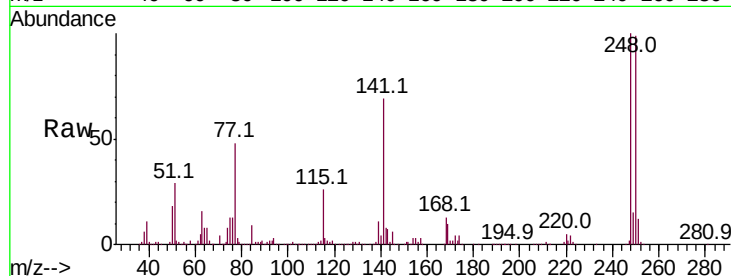
#67
 4-Bromophenyl-phenylether
 Concen: 36.107 ng
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	75.1	112.7
141	68.6	55.6	83.4

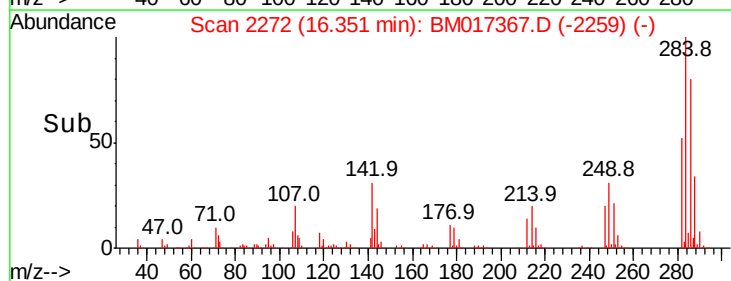
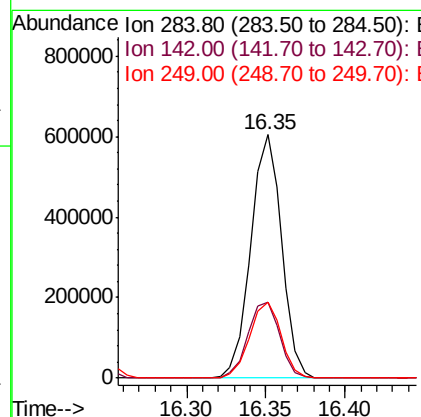
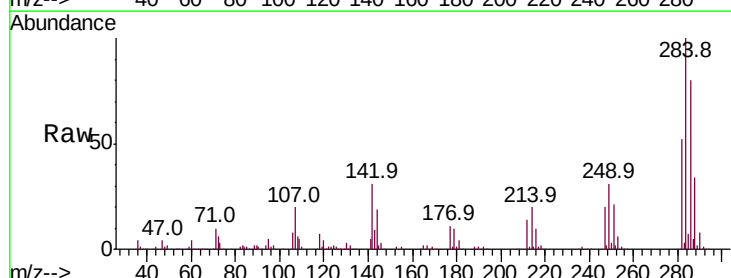
Manual Integrations
 APPROVED

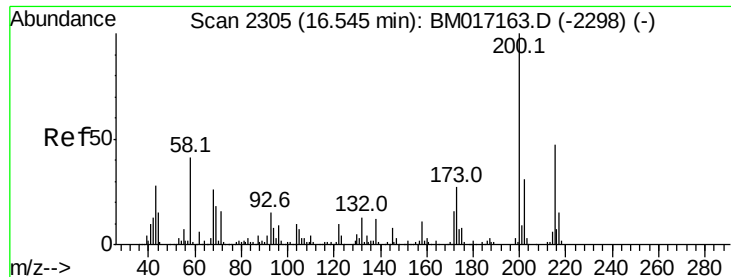
Sohil
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#68
 Hexachlorobenzene
 Concen: 33.855 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.0	37.6
249	31.2	25.5	38.3





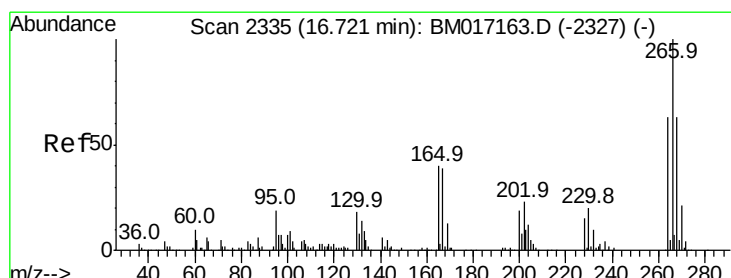
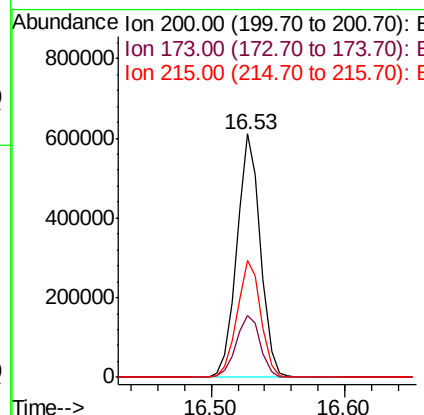
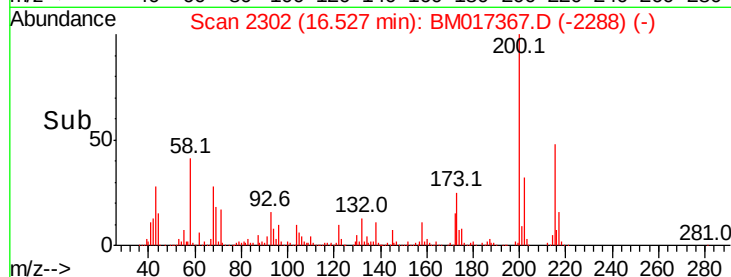
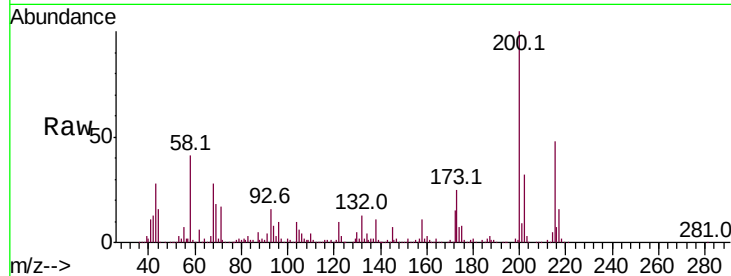
#69
 Atrazine
 Concen: 36.699 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	7.0	47.0
215	48.0	27.3	67.3

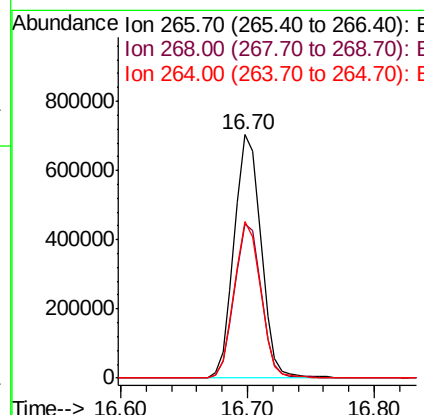
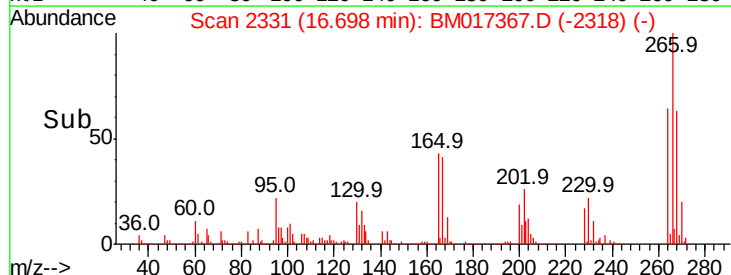
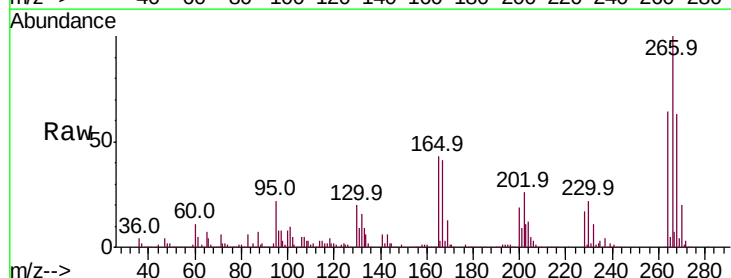
Manual Integrations
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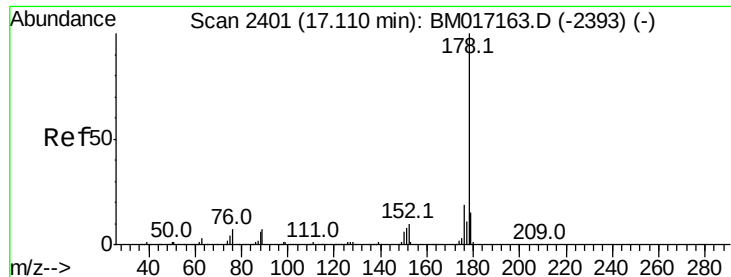
Sohil
 10/29/2018 2:15:08 PM



#70
 Pentachlorophenol
 Concen: 62.610 ng
 RT: 16.70 min Scan# 2331
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.7	76.1
264	64.4	50.4	75.6





#71

Phenanthrene

Concen: 36.467 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:178 Resp: 3722269

Ion Ratio Lower Upper

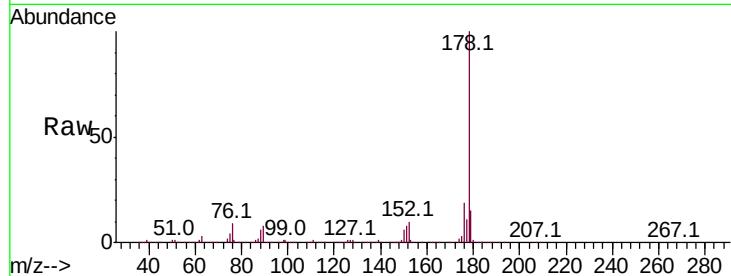
178 100

176 18.7 15.0 22.6

179 15.2 12.3 18.5

Manual Integrations
APPROVED

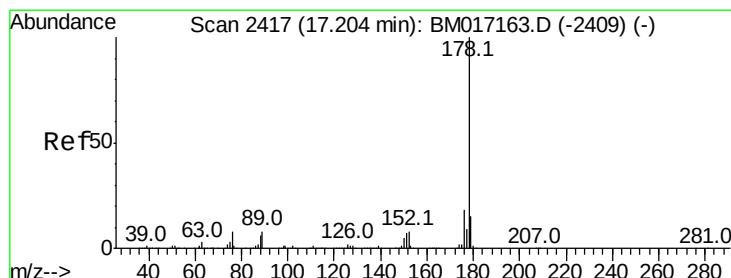
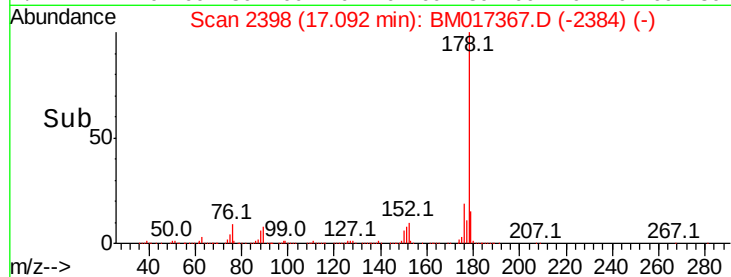
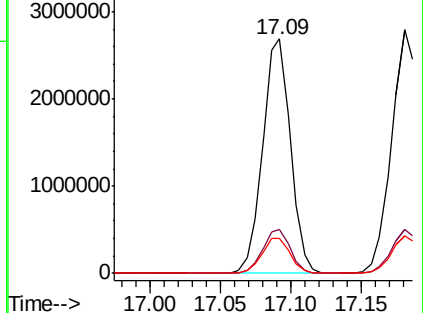
Sohil
10/29/2018 2:15:08 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.224 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Tgt Ion:178 Resp: 3804270

Ion Ratio Lower Upper

178 100

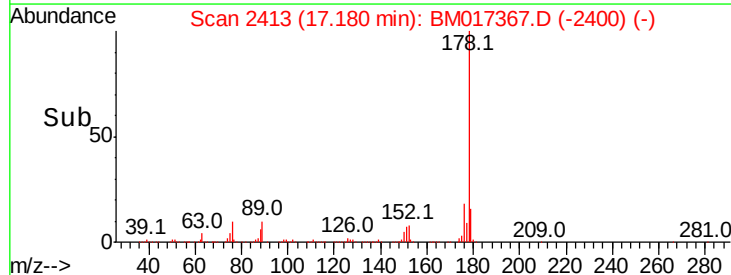
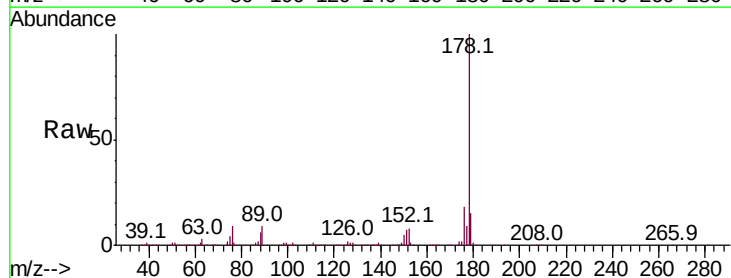
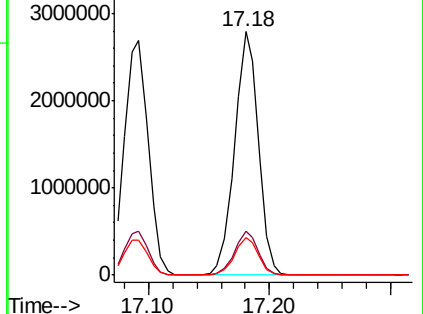
176 18.0 14.5 21.7

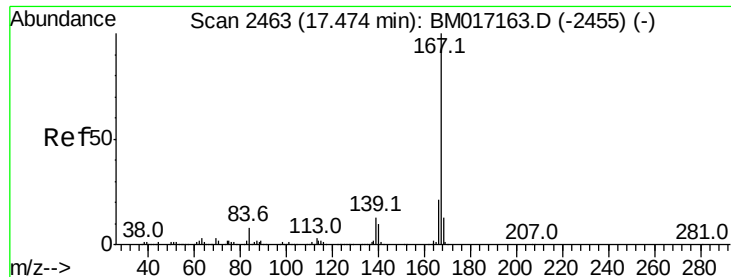
179 15.4 12.2 18.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





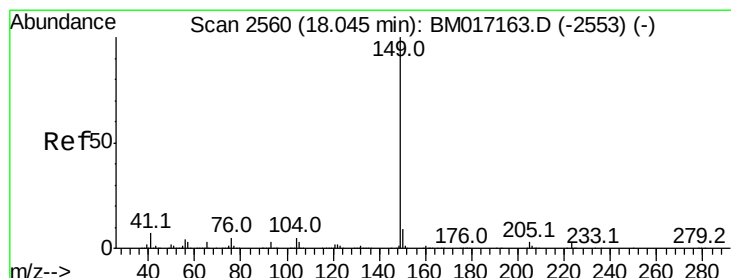
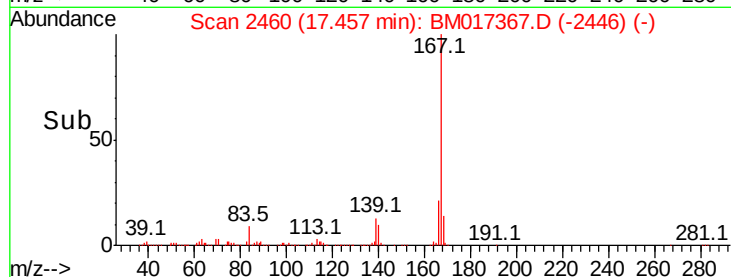
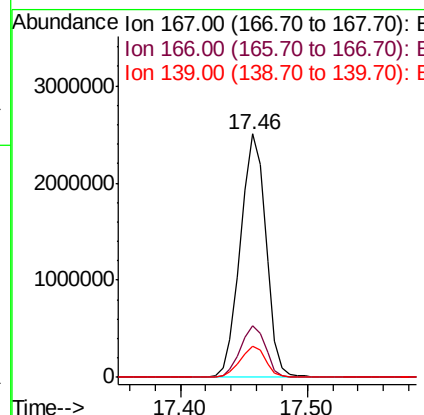
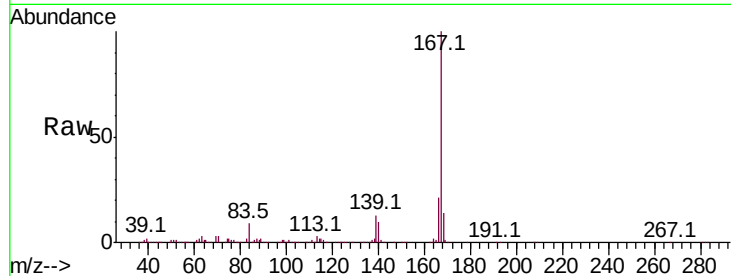
#73
 Carbazole
 Concen: 35.302 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114211BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.7	10.1	15.1

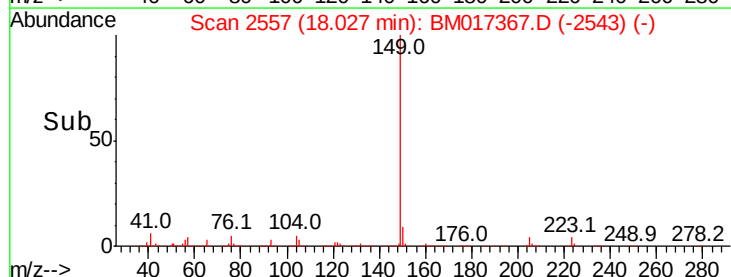
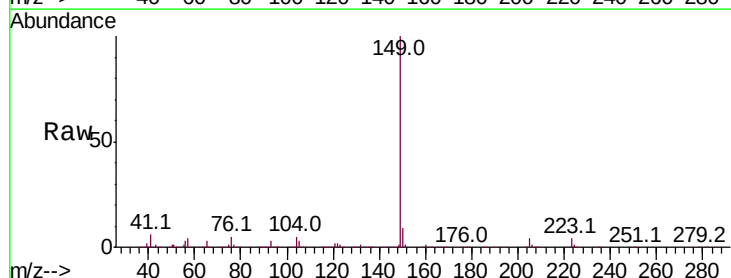
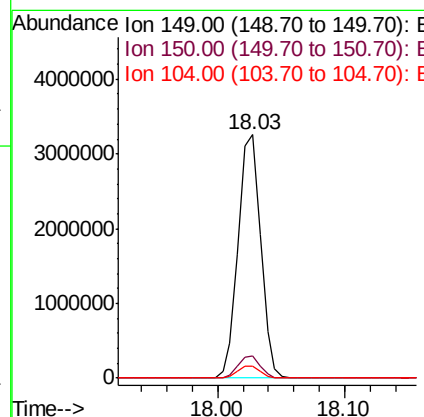
Manual Integrations
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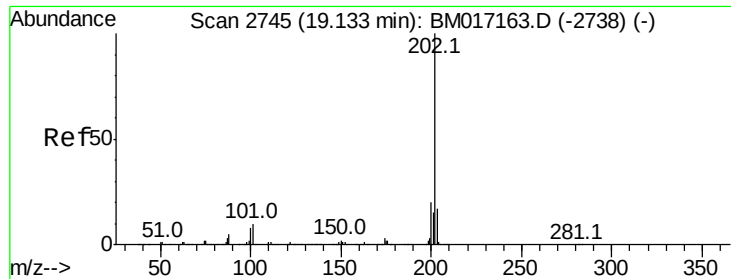
Sohil
 10/29/2018 2:15:08 PM



#74
 Di-n-butylphthalate
 Concen: 38.126 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.02 min
 Lab File: BM017367.D
 Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 38.616 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:202 Resp: 4435417

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.0

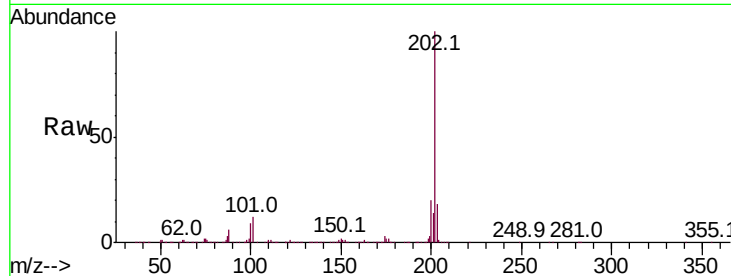
203 17.7 0.0 37.2

Manual Integrations

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Sohil

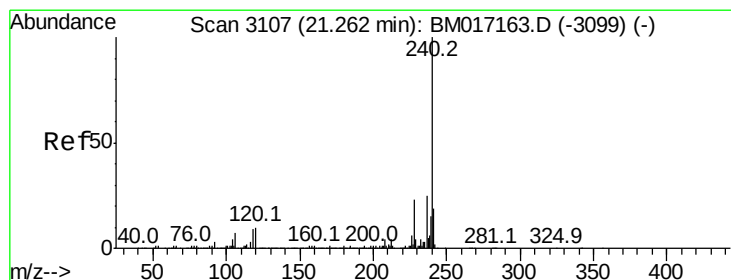
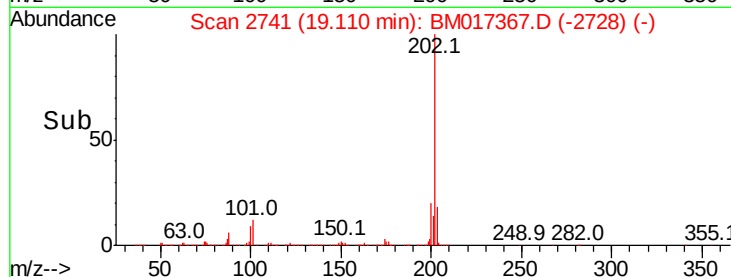
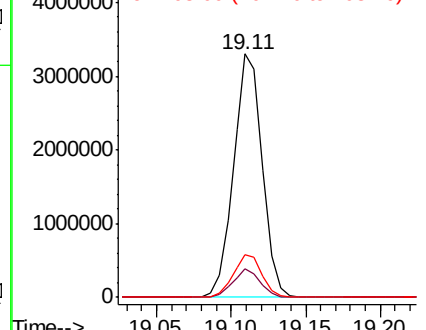
10/29/2018 2:15:08 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Tgt Ion:240 Resp: 2192172

Ion Ratio Lower Upper

240 100

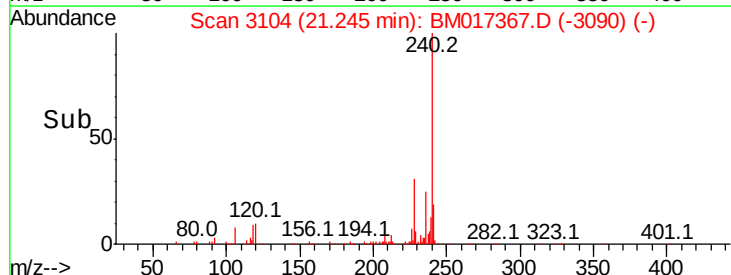
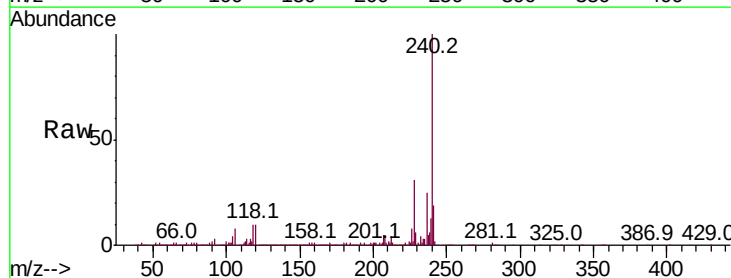
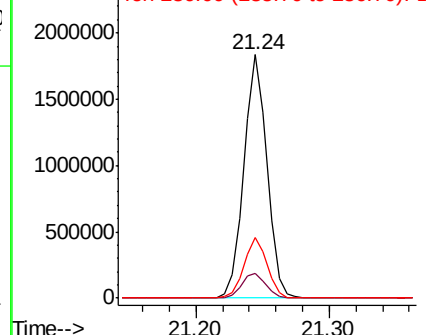
120 10.3 8.1 12.1

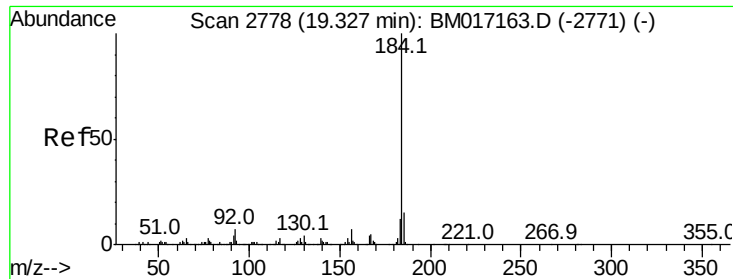
236 24.6 19.9 29.9

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.580 ng

RT: 19.31 min Scan# 2775

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:184 Resp: 1477488

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

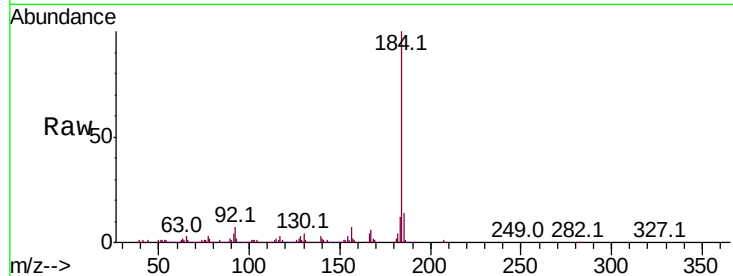
183 11.7 9.7 14.5

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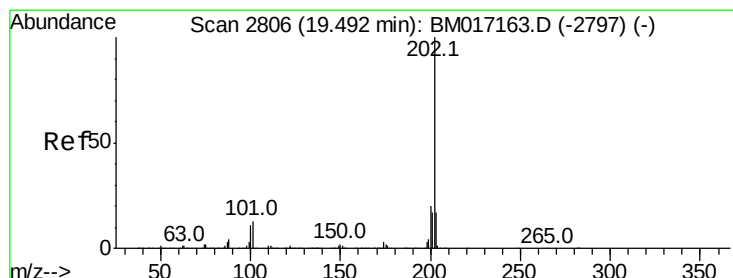
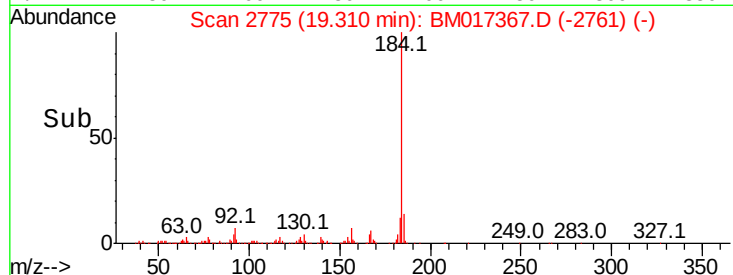
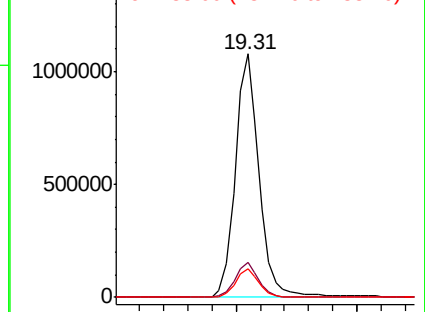


Abundance

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: 36.912 ng

RT: 19.47 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

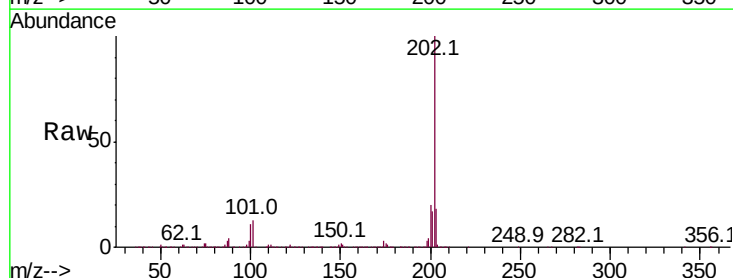
Tgt Ion:202 Resp: 4522520

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.5 13.9 20.9

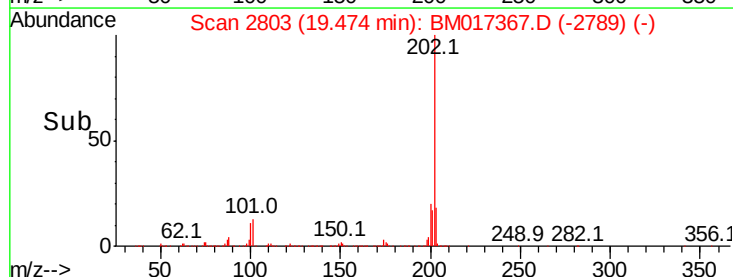
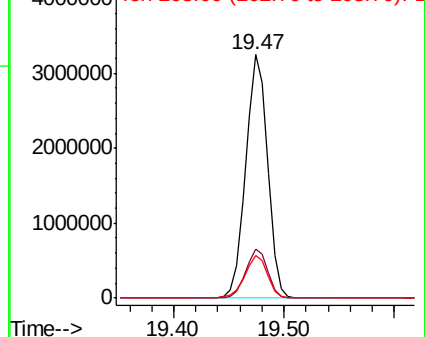


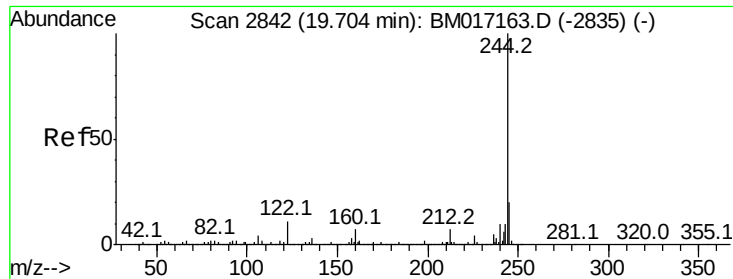
Abundance

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: 71.758 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:244 Resp: 6978920

Ion Ratio Lower Upper

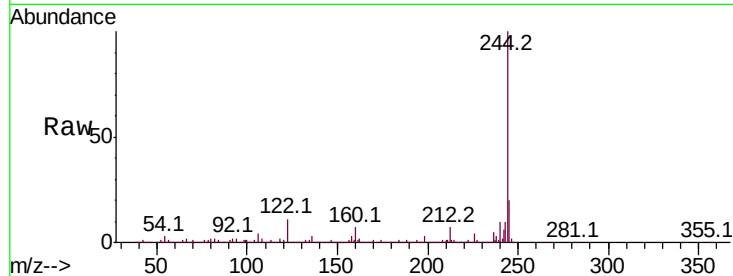
244 100

212 7.2 5.5 8.3

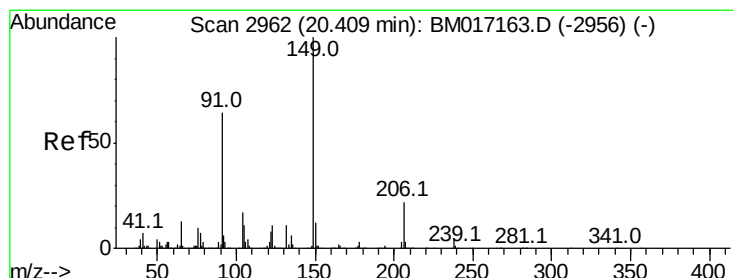
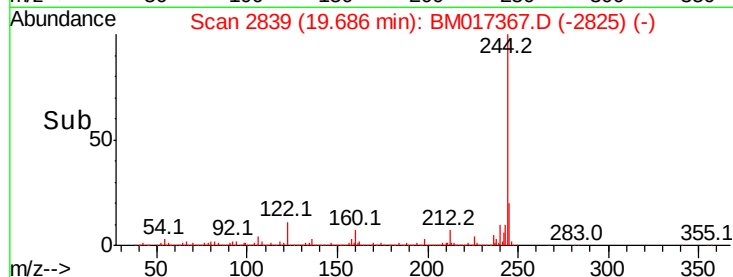
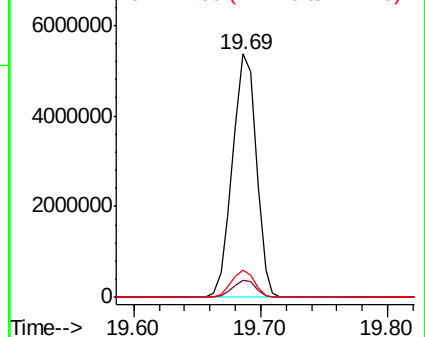
122 11.3 8.4 12.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.824 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

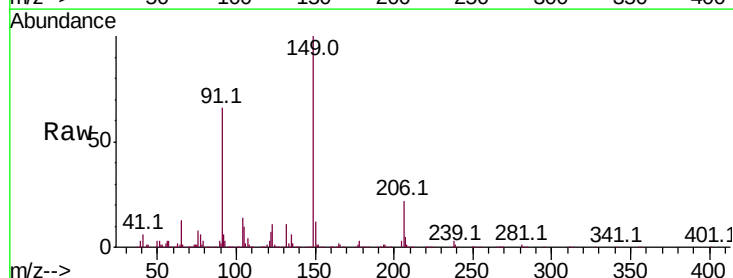
Tgt Ion:149 Resp: 1899357

Ion Ratio Lower Upper

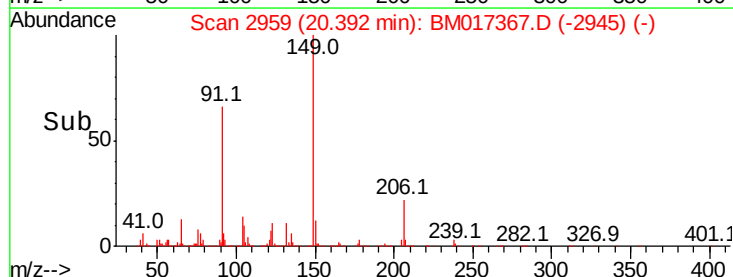
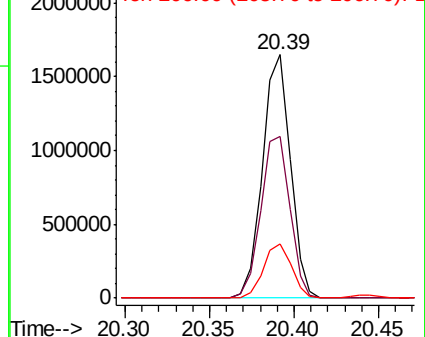
149 100

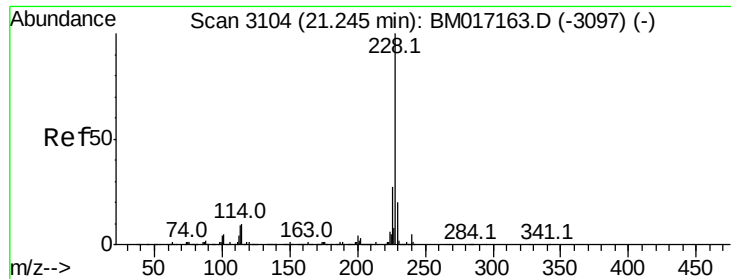
91 66.5 51.3 76.9

206 22.3 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





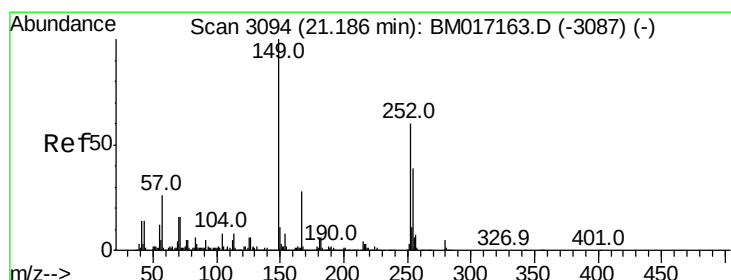
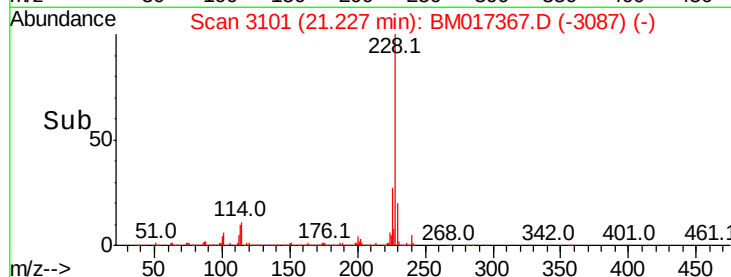
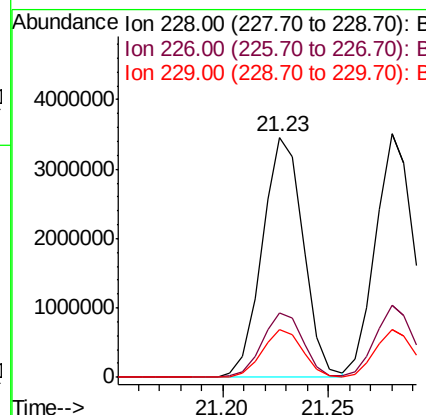
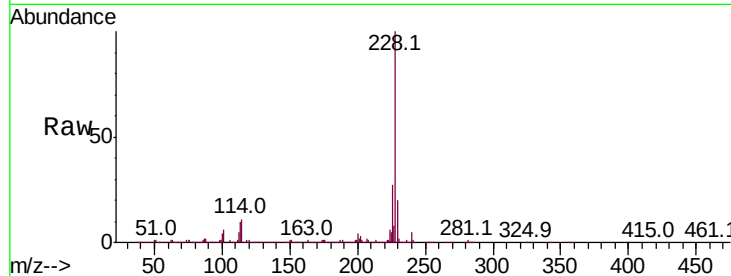
#81
Benzo(a)anthracene
Concen: 37.862 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion:228 Resp: 4670749
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 20.0 15.9 23.9

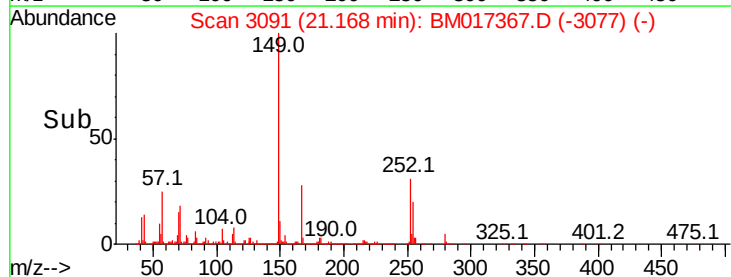
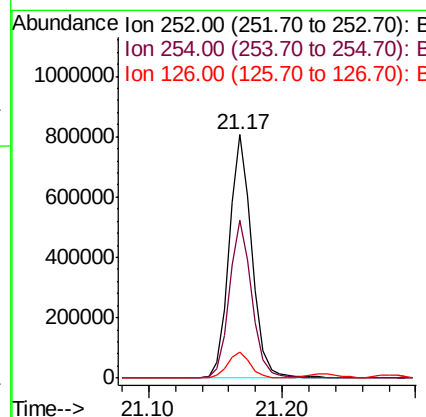
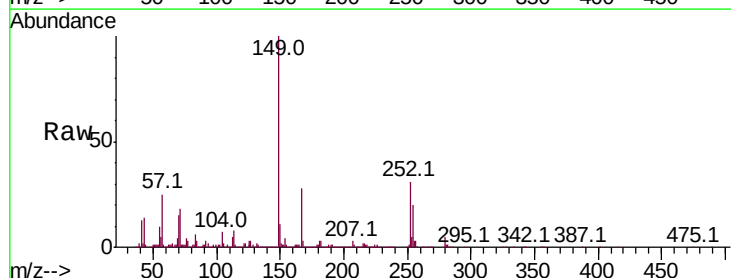
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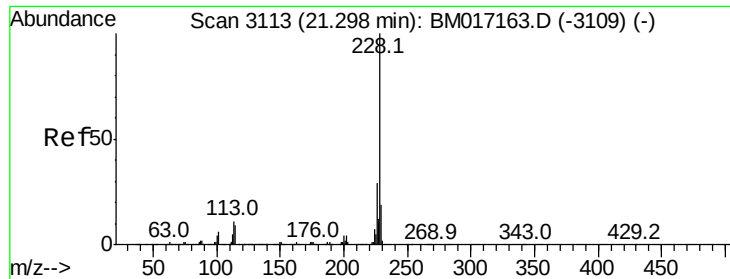
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 21.048 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion:252 Resp: 967741
Ion Ratio Lower Upper
252 100
254 65.1 52.1 78.1
126 10.8 8.6 12.8





#83

Chrysene

Concen: 35.937 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:228 Resp: 4388036

Ion Ratio Lower Upper

228 100

226 29.4 23.3 34.9

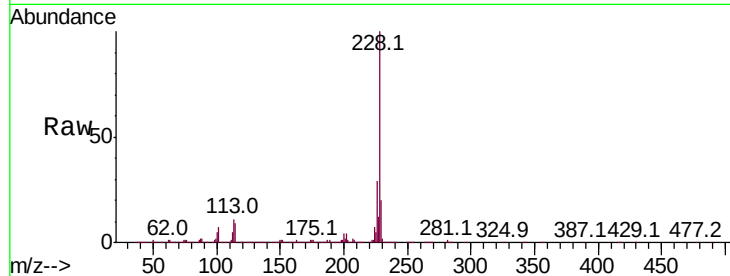
229 19.6 15.6 23.4

Manual Integrations

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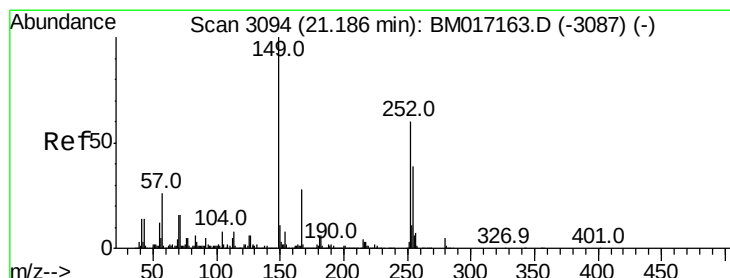
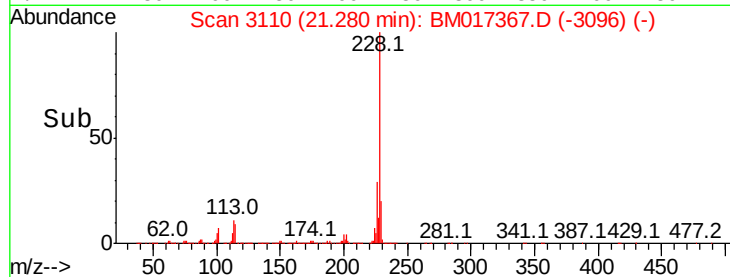
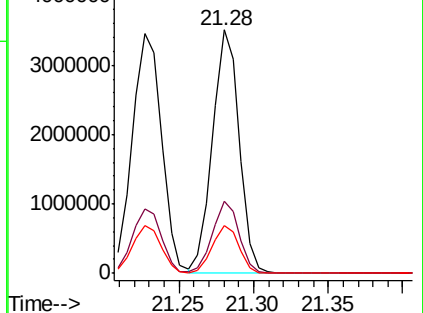
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.723 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

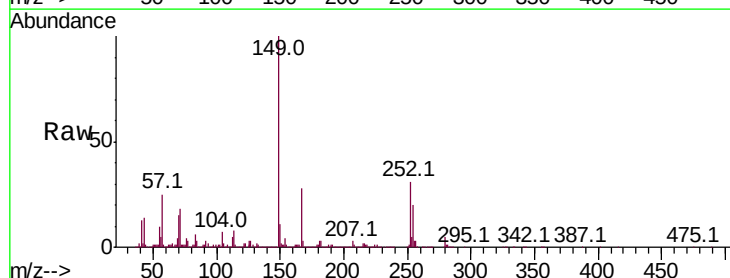
Tgt Ion:149 Resp: 2760216

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

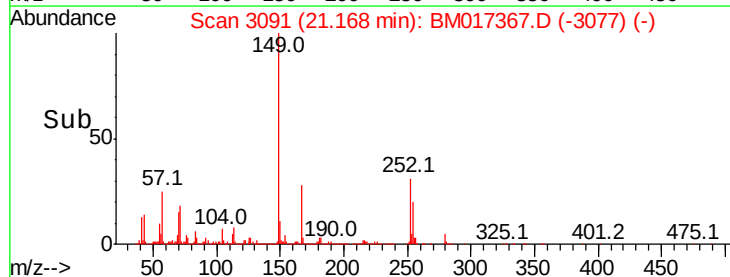
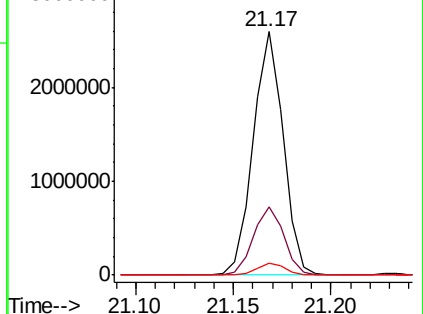
279 4.8 3.6 5.4

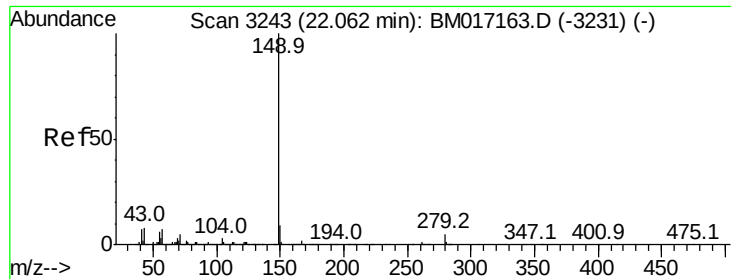


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.318 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:149 Resp: 4887215

Ion Ratio Lower Upper

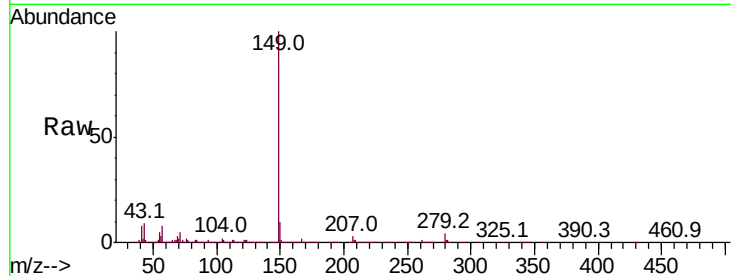
149 100

167 1.6 1.4 2.0

43 8.7 7.2 10.8

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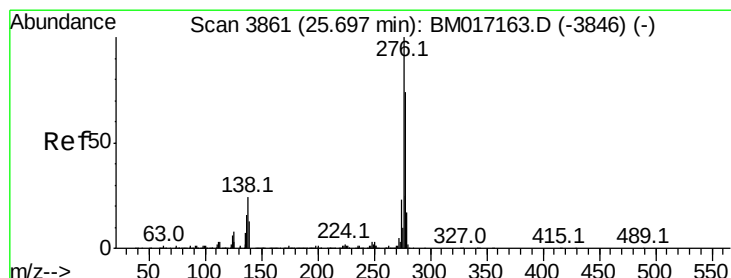
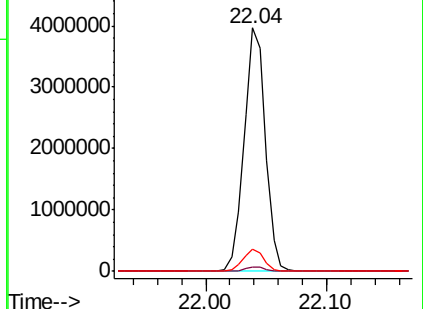
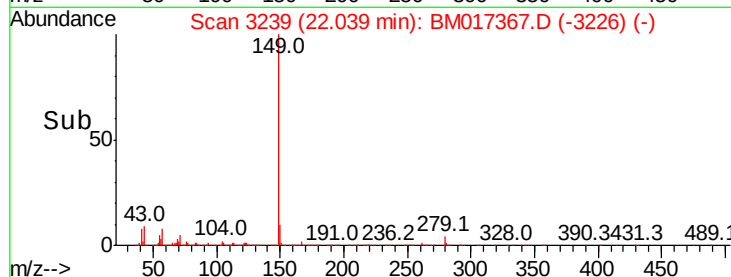
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.991 ng

RT: 25.66 min Scan# 3855

Delta R.T. -0.04 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

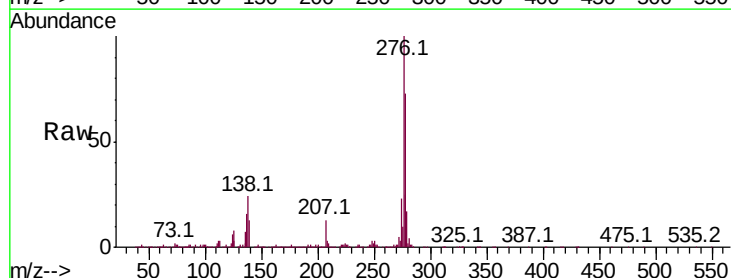
Tgt Ion:276 Resp: 4232550

Ion Ratio Lower Upper

276 100

138 24.0 19.5 29.3

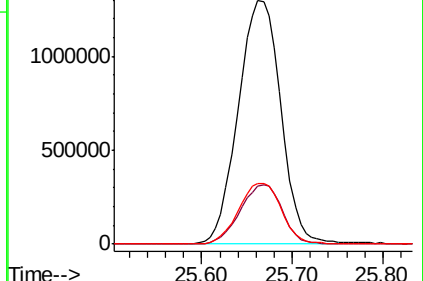
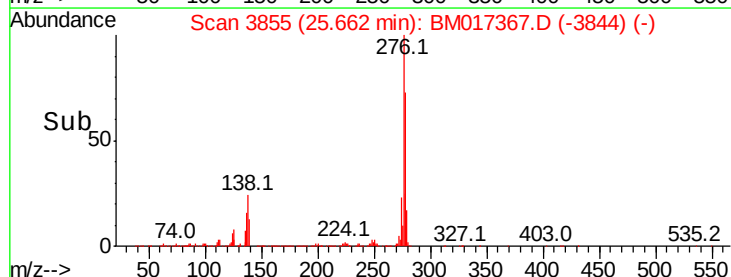
277 25.1 20.1 30.1

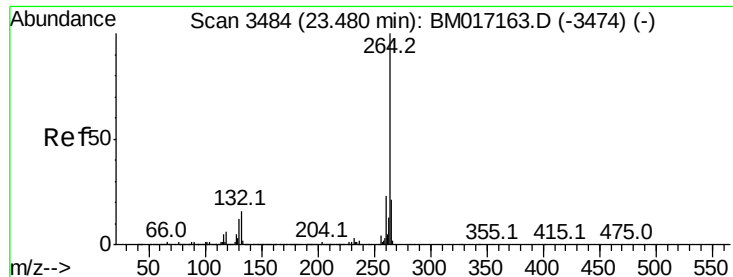


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3479

Delta R.T. -0.03 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

Instrument :

BNA_M

ClientSampleId :

PB114211BSD

Tot Ion:264 Resp: 2098468

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

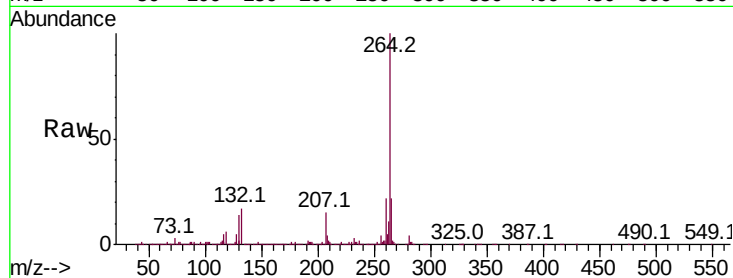
265 22.0 17.8 26.8

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Abundance Ion 264.00 (263.70 to 264.70): E

1500000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

1000000

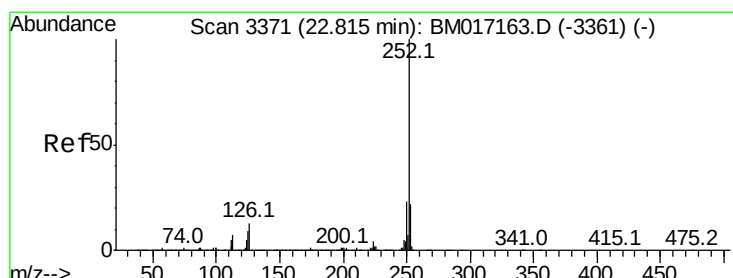
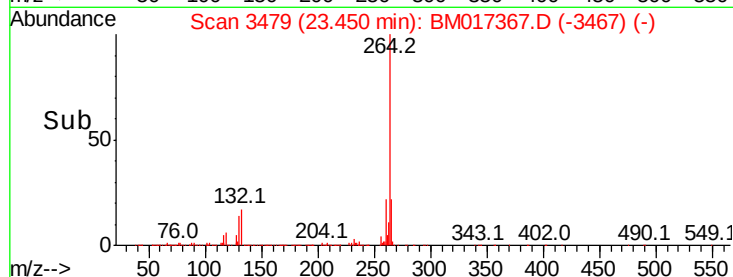
500000

0

23.45

23.40 23.50

Time-->



#88

Benzo(b)fluoranthene

Concen: 39.327 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BM017367.D

Acq: 27 Oct 2018 02:35

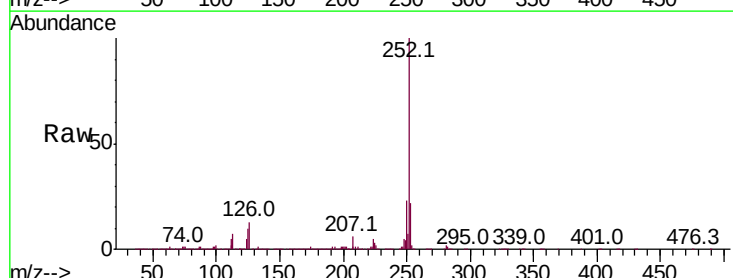
Tgt Ion:252 Resp: 4511970

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.5 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

3000000

2000000

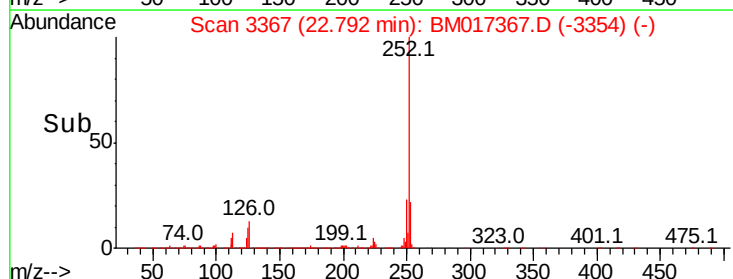
1000000

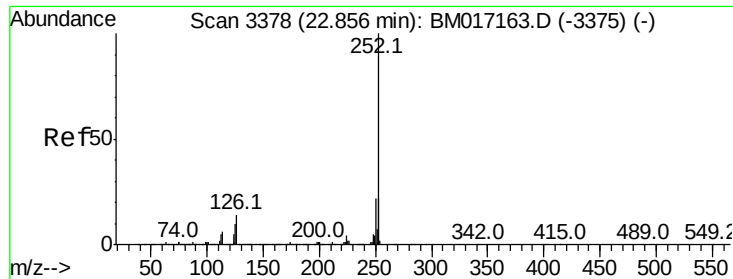
0

22.79

22.75 22.80

Time-->





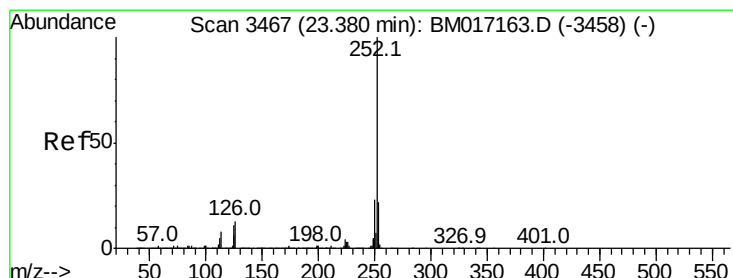
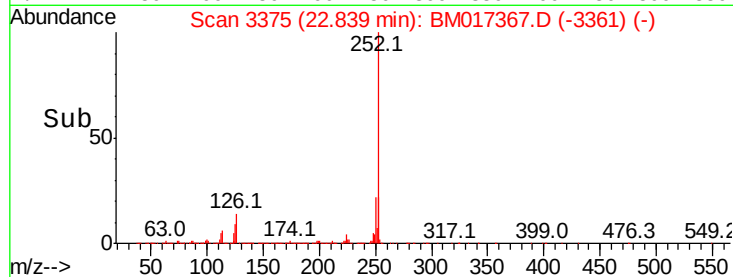
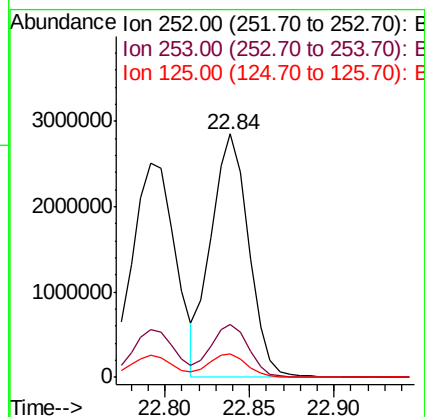
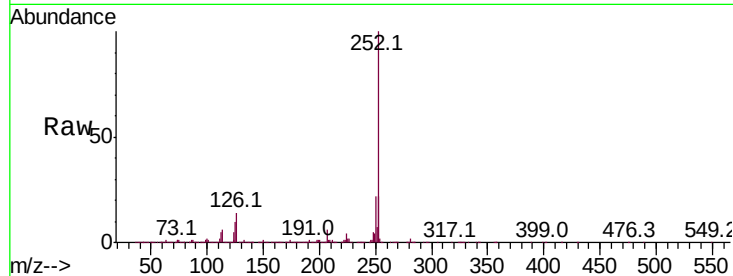
#89
Benzo(k)fluoranthene
Concen: 38.374 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion:252 Resp: 4417806
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.5 8.2 12.2

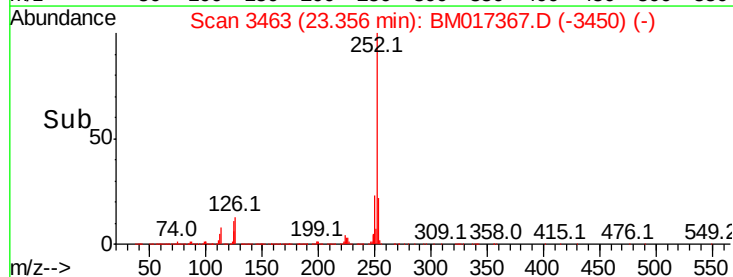
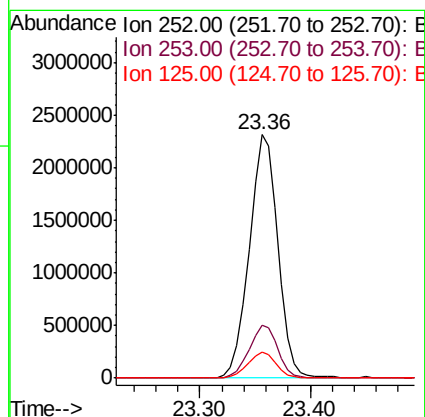
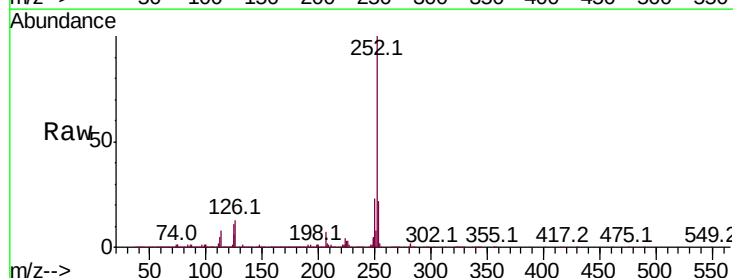
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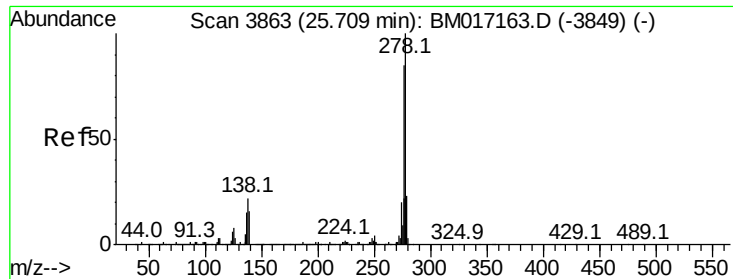
Sohil
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#90
Benzo(a)pyrene
Concen: 38.627 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion:252 Resp: 4207818
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.7 8.6 13.0





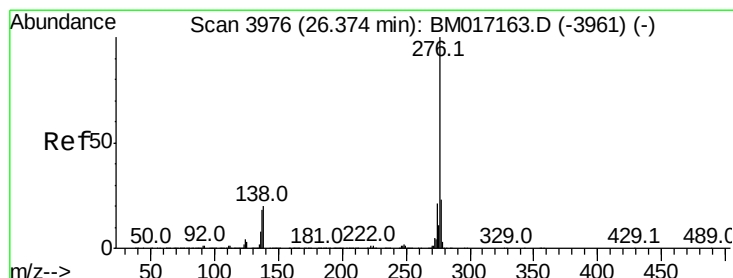
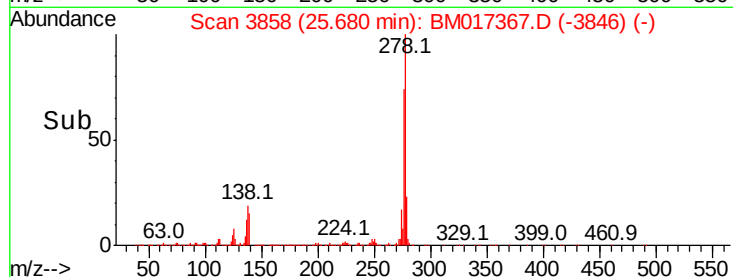
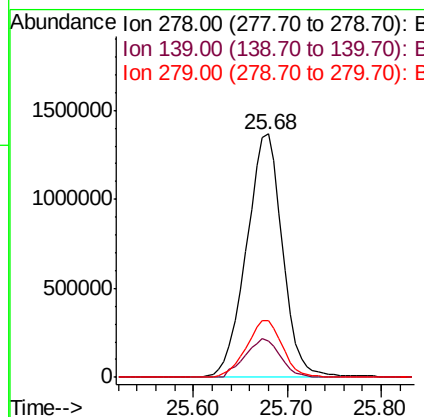
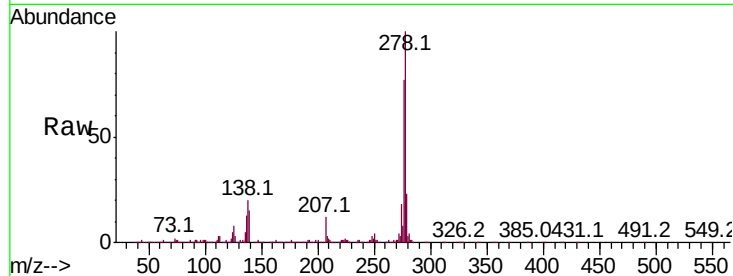
#91
Dibenzo(a,h)anthracene
Concen: 33.586 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.03 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Instrument :
BNA_M
ClientSampleId :
PB114211BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	23.4	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:08 PM



#92
Benzo(g,h,i)perylene
Concen: 31.146 ng
RT: 26.34 min Scan# 3970
Delta R.T. -0.04 min
Lab File: BM017367.D
Acq: 27 Oct 2018 02:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	20.5	16.4	24.6

