

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017164.D
 Acq On : 17 Oct 2018 12:13
 Operator : MJ/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
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Sohil
 10/18/2018 1:58:29 PM

Quant Time: Oct 17 12:50:53 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 12:15:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	227480	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	989111	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	581474	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1327697	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1520644	20.00	ng	0.00
87) Perylene-d12	23.47	264	1526947	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1353077	119.50	ng	0.00
7) Phenol-d6	6.86	99	1858332	115.28	ng	0.00
23) Nitrobenzene-d5	8.83	82	1805252	108.71	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	796786	97.33	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4308605	95.92	ng	0.00
79) Terphenyl-d14	19.70	244	6734301	100.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	325521	66.127	ng	88
3) Pyridine	3.65	79	746395	67.143	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	302934	80.577	ng	# 72
6) Aniline	7.02	93	1160425	60.999	ng	97
8) 2-Chlorophenol	7.25	128	789031	52.797	ng	97
9) Benzaldehyde	6.83	77	536484	55.188	ng	94
10) Phenol	6.88	94	989625	58.507	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	784357	57.003	ng	99
12) 1,3-Dichlorobenzene	7.56	146	884553	49.283	ng	96
13) 1,4-Dichlorobenzene	7.71	146	900311	48.924	ng	96
14) 1,2-Dichlorobenzene	8.02	146	871026	48.018	ng	98
15) Benzyl Alcohol	7.92	79	710796	64.056	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	1054302	55.250	ng	99
17) 2-Methylphenol	8.12	107	645279	54.342	ng	97
18) Hexachloroethane	8.74	117	313708	45.343	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	641502	61.822	ng	96
20) 3+4-Methylphenols	8.45	107	906161	55.613	ng	98
22) Acetophenone	8.50	105	1263963	53.593	ng	99
24) Nitrobenzene	8.87	77	938231	55.877	ng	94
25) Isophorone	9.39	82	1475616	59.377	ng	97
26) 2-Nitrophenol	9.57	139	411187	55.602	ng	96
27) 2,4-Dimethylphenol	9.64	122	645973	55.692	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1001230	56.246	ng	99
29) 2,4-Dichlorophenol	10.10	162	759107	54.200	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	854600	48.457	ng	99
31) Naphthalene	10.50	128	2404849	49.393	ng	100
32) Benzoic acid	9.79	122	482779m	59.701	ng	
33) 4-Chloroaniline	10.62	127	1093110	56.103	ng	96
34) Hexachlorobutadiene	10.78	225	537112	47.305	ng	98
35) Caprolactam	11.42	113	277867m	62.806	ng	
36) 4-Chloro-3-methylphenol	11.75	107	855390	58.003	ng	95
37) 2-Methylnaphthalene	12.12	142	1690927	52.175	ng	98
38) 1-Methylnaphthalene	12.34	142	1657973	52.344	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1011774	46.505	ng	99

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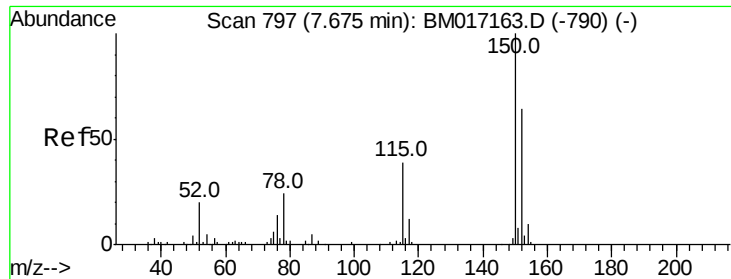
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	523286	49.141	nq	98
43) 2,4,6-Trichlorophenol	12.74	196	633884	53.519	nq	98
44) 2,4,5-Trichlorophenol	12.81	196	671678	52.172	nq	97
46) 1,1'-Biphenyl	13.15	154	2582809	48.649	nq	99
47) 2-Chloronaphthalene	13.19	162	1910366	48.293	nq	99
48) 2-Nitroaniline	13.40	65	532971	68.996	nq	98
49) Acenaphthylene	14.04	152	2907928	51.213	nq	99
50) Dimethylphthalate	13.79	163	2279374	51.405	nq	100
51) 2,6-Dinitrotoluene	13.90	165	515074	52.493	nq	98
52) Acenaphthene	14.38	154	1750217	49.141	nq	98
53) 3-Nitroaniline	14.23	138	564193	56.289	nq	92
54) 2,4-Dinitrophenol	14.44	184	260009	57.903	nq	98
55) Dibenzofuran	14.72	168	2867807	47.858	nq	100
56) 4-Nitrophenol	14.55	139	457677	54.398	nq	97
57) 2,4-Dinitrotoluene	14.69	165	698707	52.420	nq	# 97
58) Fluorene	15.37	166	2163199	48.855	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	615350	50.734	nq	98
60) Diethylphthalate	15.16	149	2340621	51.654	nq	99
61) 4-Chlorophenyl-phenylether	15.37	204	1216238	47.355	nq	96
62) 4-Nitroaniline	15.40	138	585844	57.854	nq	98
63) Azobenzene	15.66	77	2248098	52.738	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	417644	55.157	nq	97
66) n-Nitrosodiphenylamine	15.59	169	2070992	52.325	nq	100
67) 4-Bromophenyl-phenylether	16.26	248	769868	51.532	nq	96
68) Hexachlorobenzene	16.37	284	839304	46.659	nq	96
69) Atrazine	16.55	200	749426	58.778	nq	98
70) Pentachlorophenol	16.72	266	605447	50.565	nq	100
71) Phenanthrene	17.11	178	3541704	48.626	nq	100
72) Anthracene	17.20	178	3497897	51.543	nq	99
73) Carbazole	17.47	167	3589425	51.902	nq	100
74) Di-n-butylphthalate	18.04	149	3862387	56.004	nq	100
75) Fluoranthene	19.13	202	4154984	50.856	nq	98
77) Benzidine	19.32	184	2002753	94.388	nq	99
78) Pyrene	19.49	202	4355885	54.489	nq	100
80) Butylbenzylphthalate	20.40	149	1555745	67.765	nq	91
81) Benzo(a)anthracene	21.24	228	4293356	50.054	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	1646608	60.326	nq	98
83) Chrysene	21.30	228	4166241	49.163	nq	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2423324	61.421	nq	99
85) Di-n-octyl phthalate	22.06	149	4108830	60.722	nq	99
86) Indeno(1,2,3-cd)pyrene	25.70	276	4689107	45.952	nq	99
88) Benzo(b)fluoranthene	22.82	252	4128966	49.052	nq	100
89) Benzo(k)fluoranthene	22.86	252	4292099	50.694	nq	99
90) Benzo(a)pyrene	23.38	252	4012131	49.765	nq	99
91) Dibenzo(a,h)anthracene	25.71	278	3943093	47.275	nq	99
92) Benzo(g,h,i)perylene	26.38	276	3883357	47.187	nq	99

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



#1

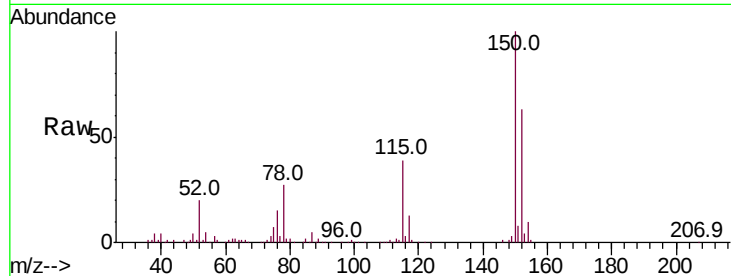
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.3	186.5
115	62.1	48.1	72.1

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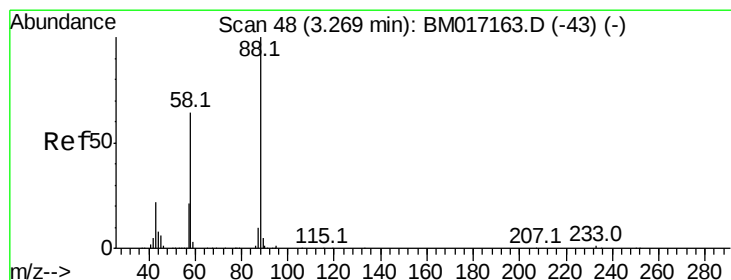
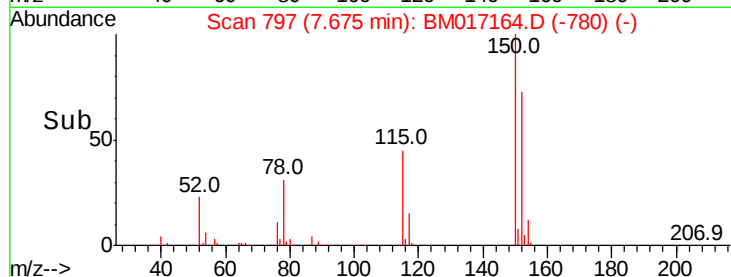
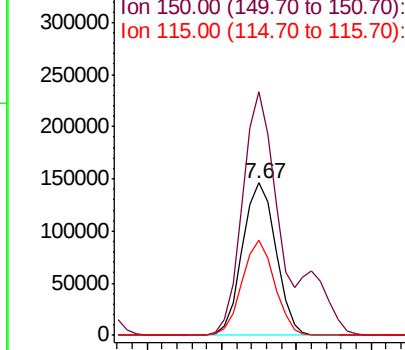


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

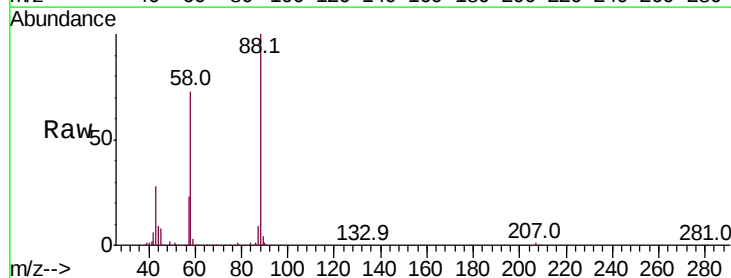
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 66.127 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	50.2	75.4
43	28.2	19.3	28.9

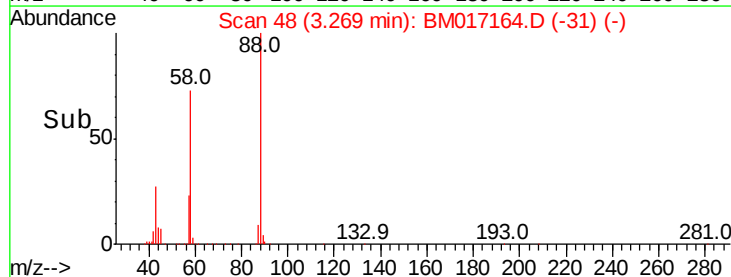
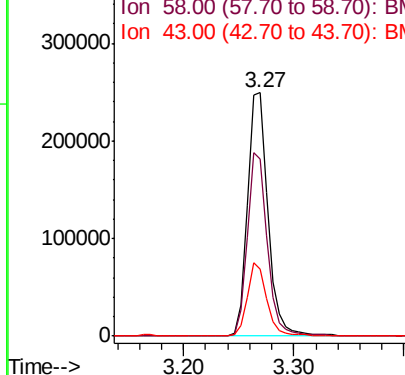


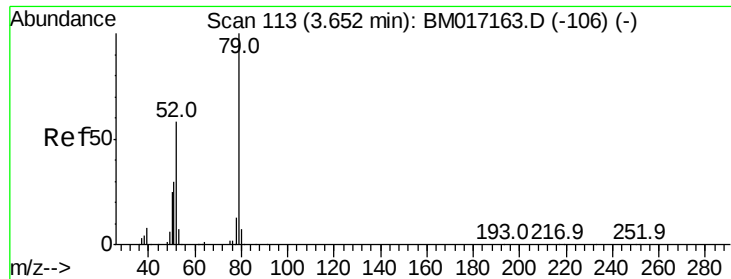
Abundance

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: 67.143 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

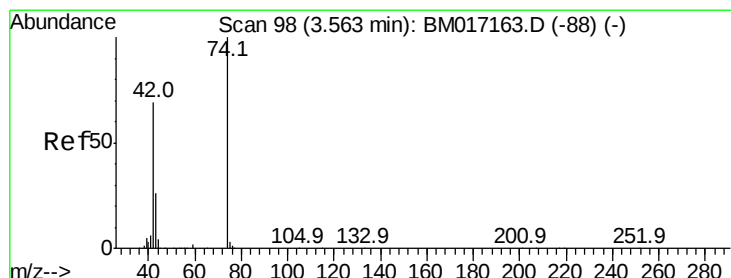
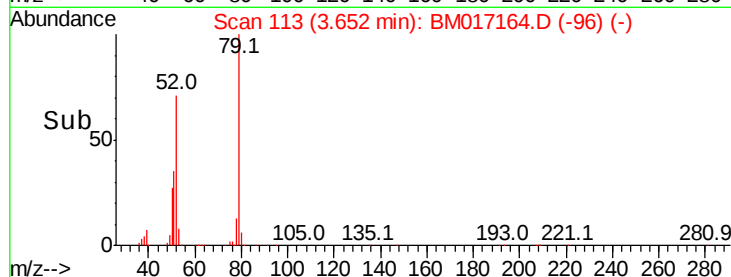
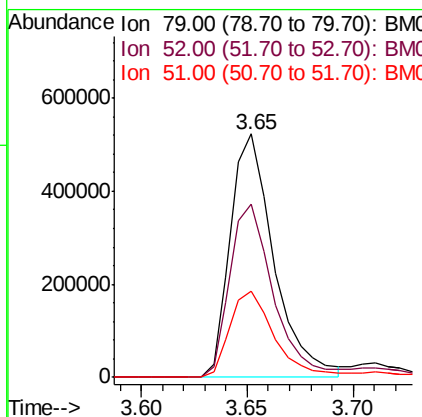
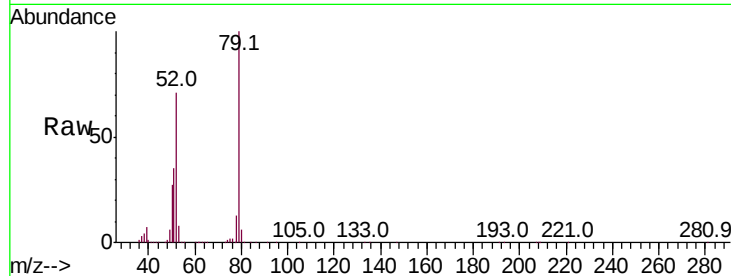
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	746395
Ion Ratio	Lower	Upper	
79	100		
52	71.2	46.5	69.7#
51	35.3	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 80.577 ng

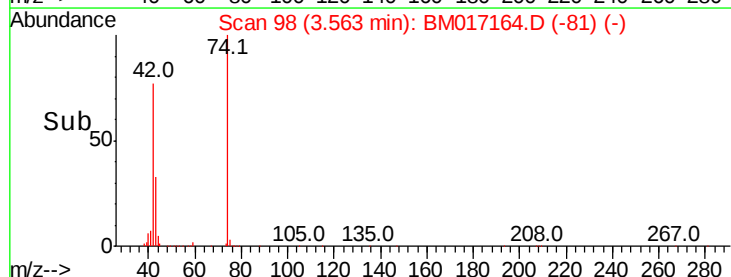
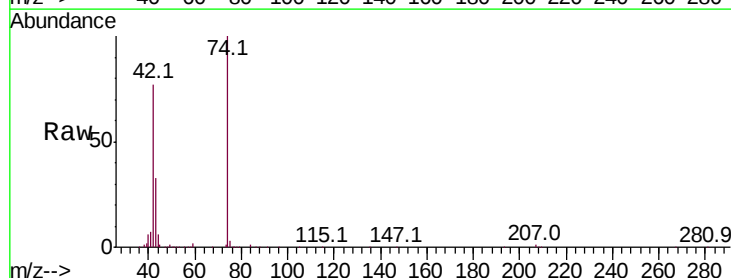
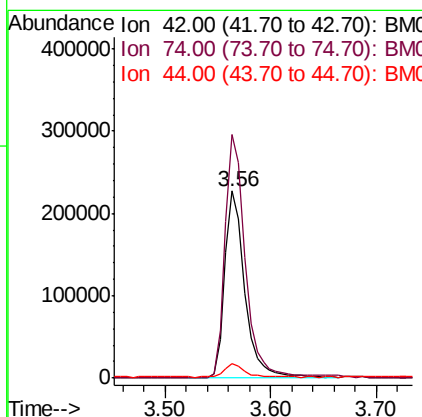
RT: 3.56 min Scan# 98

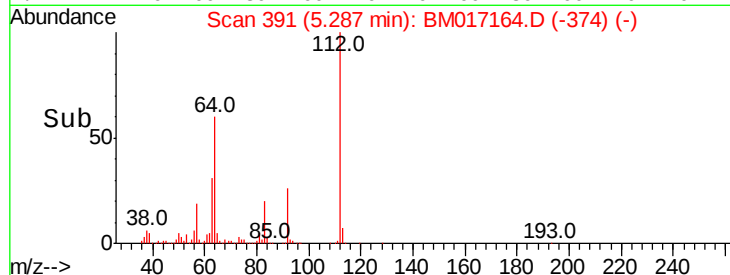
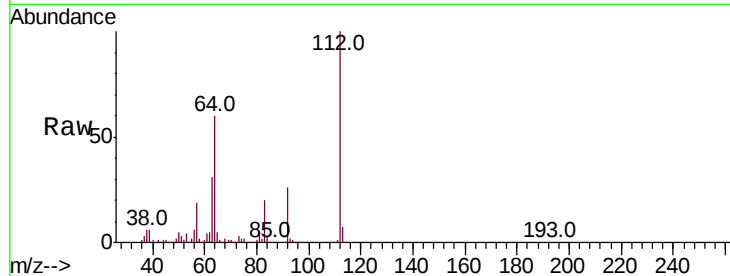
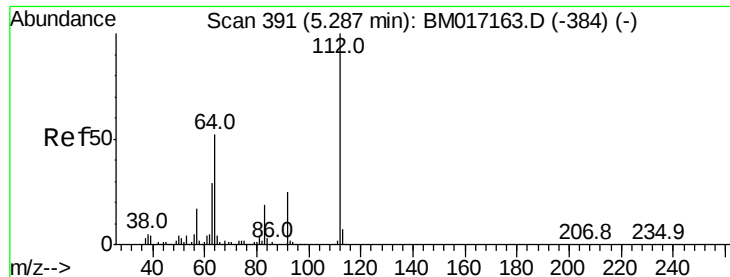
Delta R.T. 0.00 min

Lab File: BM017164.D

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Tgt Ion:	42	Resp:	302934
Ion Ratio	Lower	Upper	
42	100		
74	130.3	114.4	171.6
44	7.5	48.6	73.0#





#5

2-Fluorophenol

Concen: 119.502 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1353077

Ion Ratio Lower Upper

112 100

64 59.7 41.7 62.5

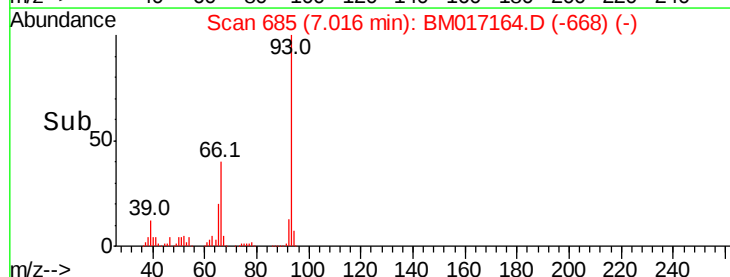
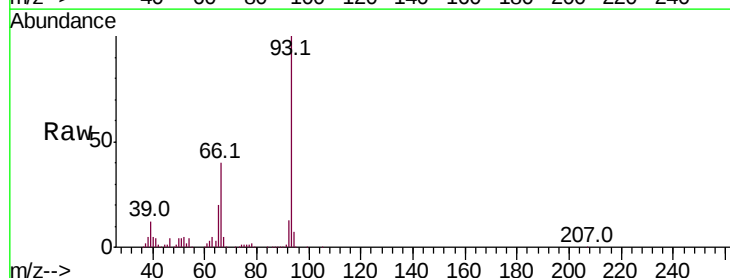
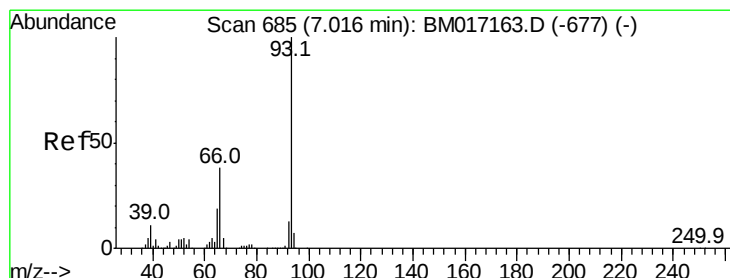
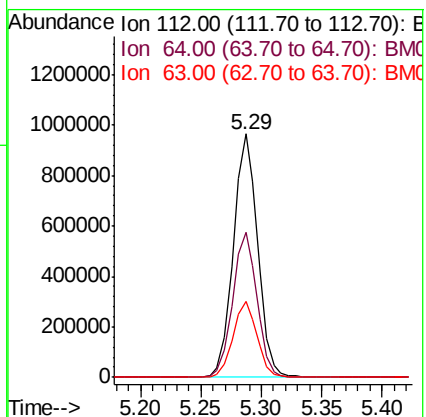
63 31.1 23.0 34.4

Manual Integrations

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#6

Aniline

Concen: 60.999 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

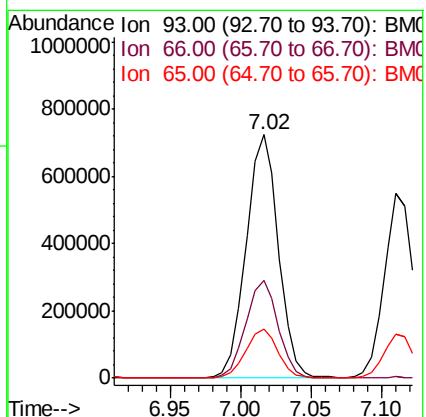
Tgt Ion: 93 Resp: 1160425

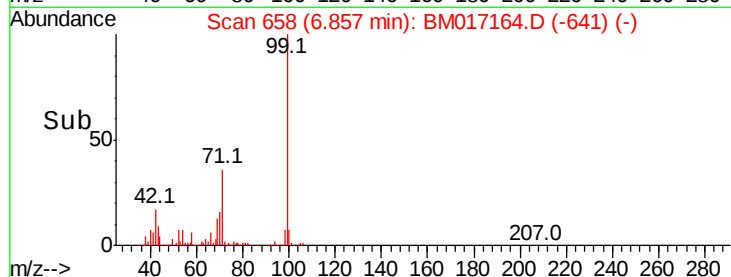
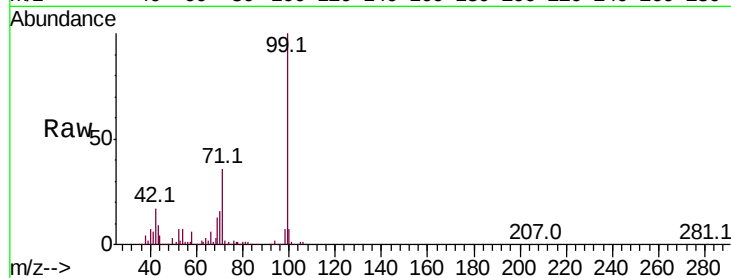
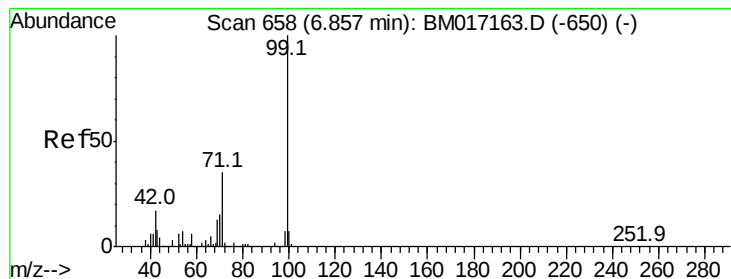
Ion Ratio Lower Upper

93 100

66 40.0 30.4 45.6

65 20.2 15.3 22.9





#7

Phenol-d6

Concen: 115.282 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Tot Ion: 99 Resp: 1858332

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

71 35.9 28.0 42.0

Instrument :

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ClientSampleId :

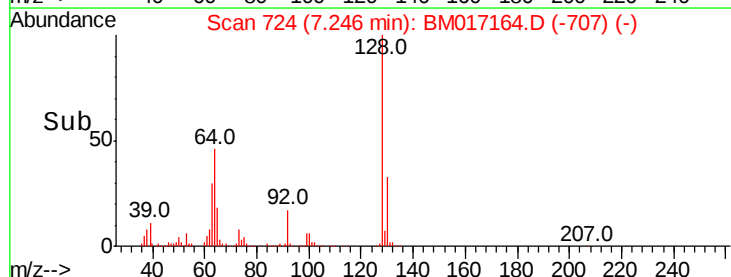
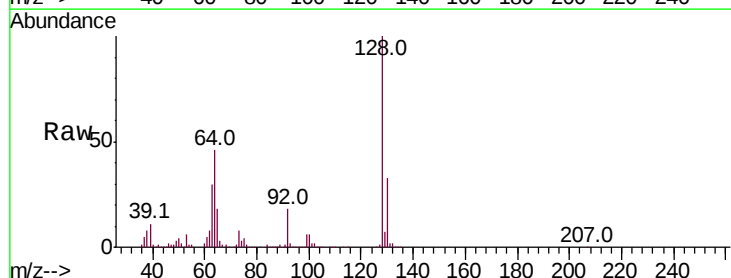
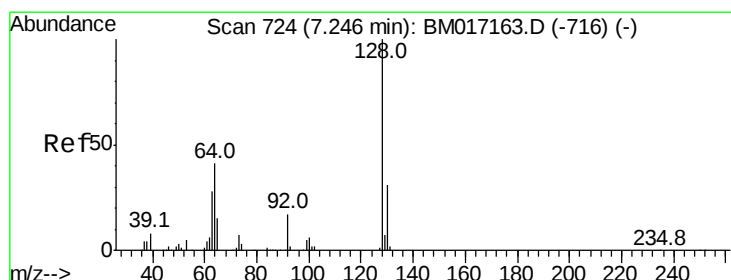
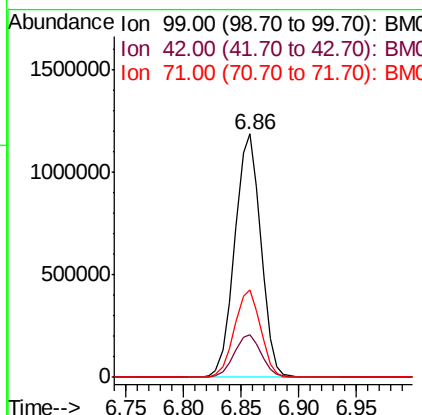
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#8

2-Chlorophenol

Concen: 52.797 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

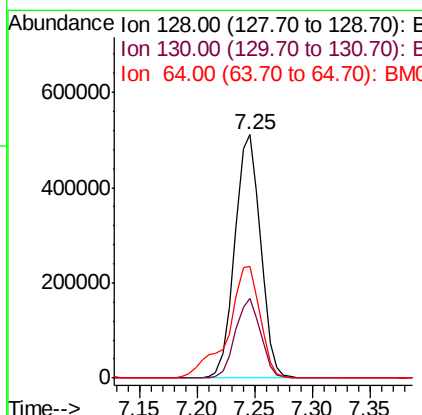
Tgt Ion:128 Resp: 789031

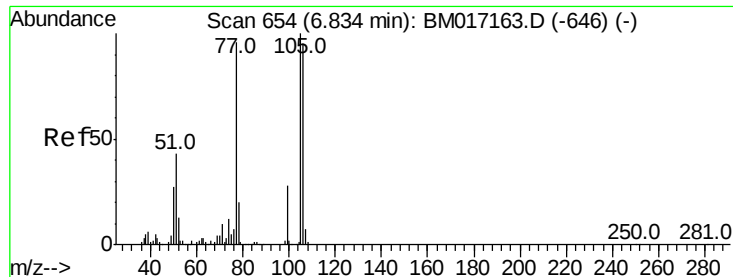
Ion Ratio Lower Upper

128 100

130 32.7 11.0 51.0

64 46.0 24.1 64.1





#9

Benzaldehyde

Concen: 55.188 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

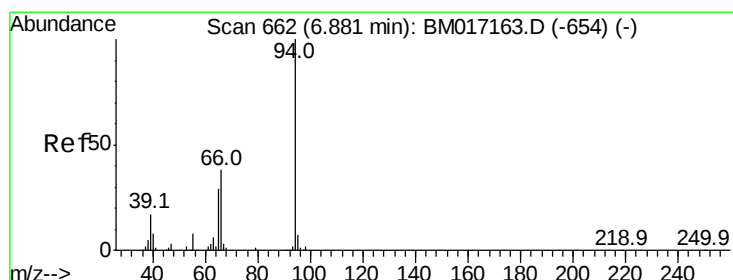
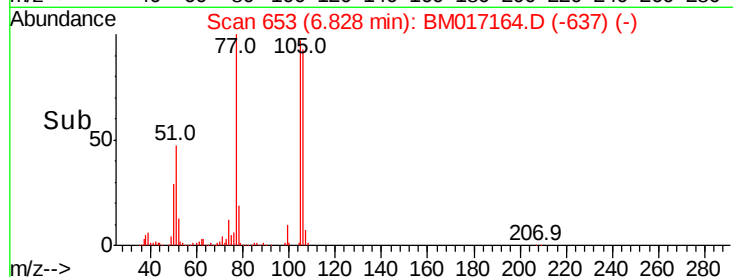
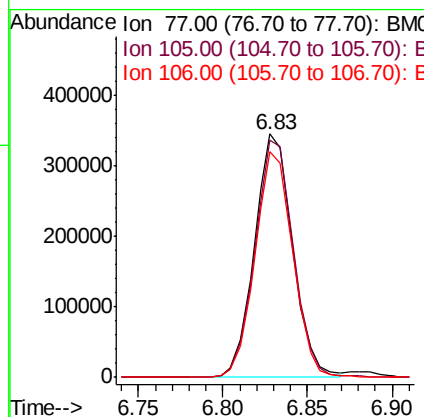
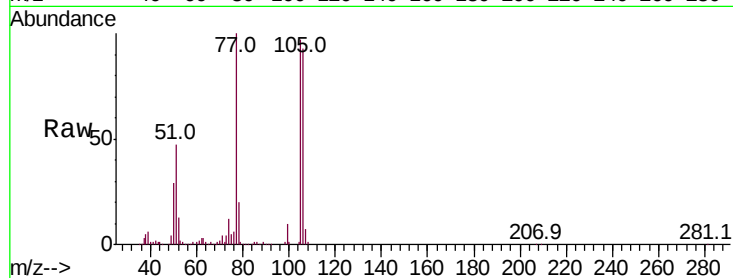
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	536484
Ion	Ratio	Lower	Upper
77	100		
105	97.3	83.9	123.9
106	92.7	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 58.507 ng

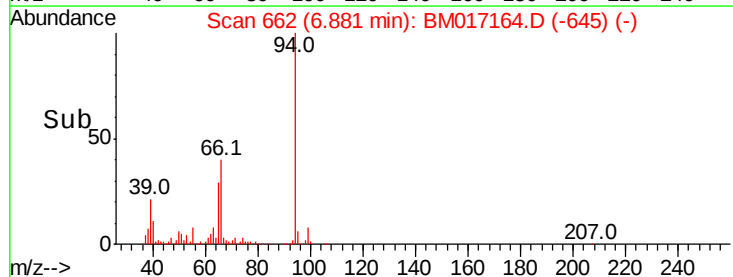
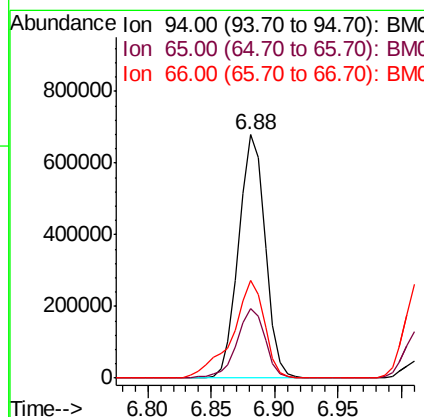
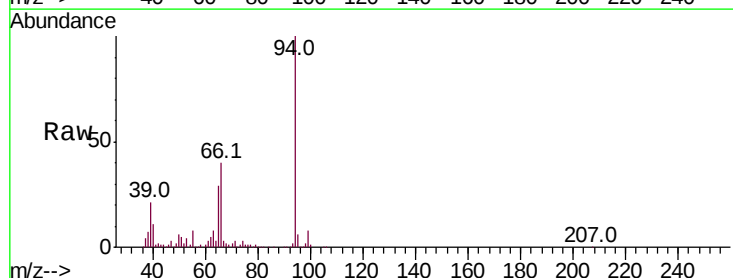
RT: 6.88 min Scan# 662

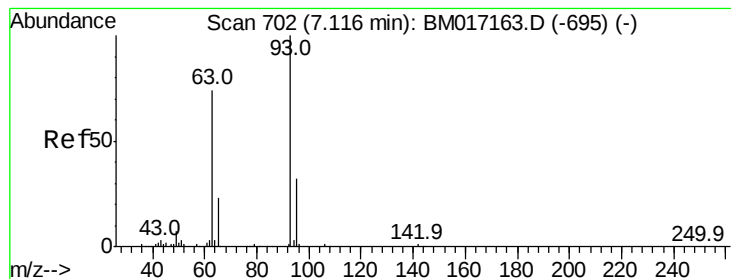
Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Tgt Ion:	94	Resp:	989625
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	40.1	19.0	59.0





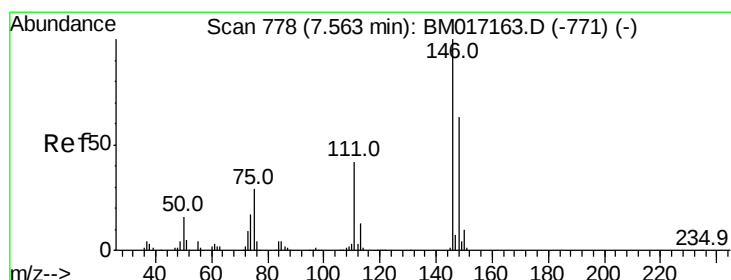
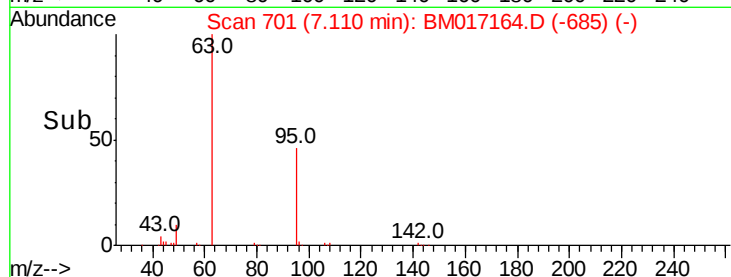
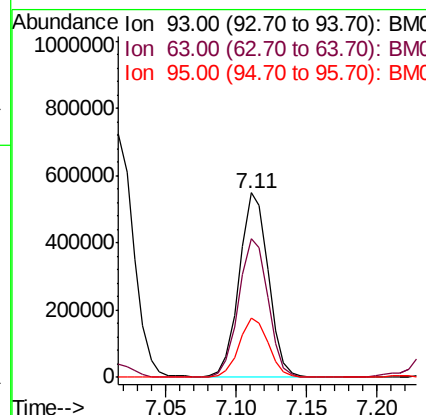
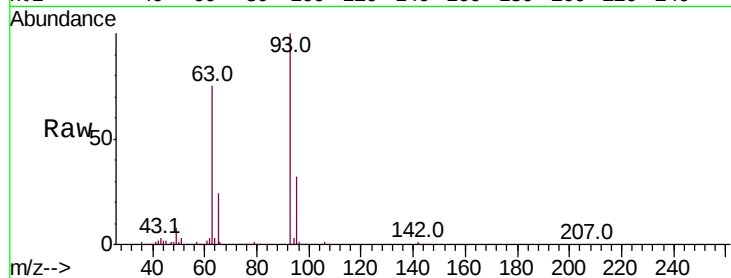
#11
bis(2-Chloroethyl)ether
Concen: 57.003 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleID :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	54.0	94.0
95	32.0	11.8	51.8

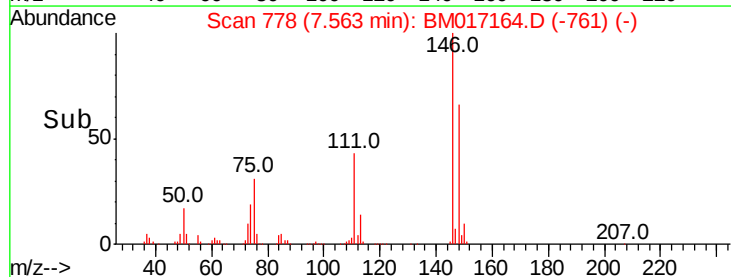
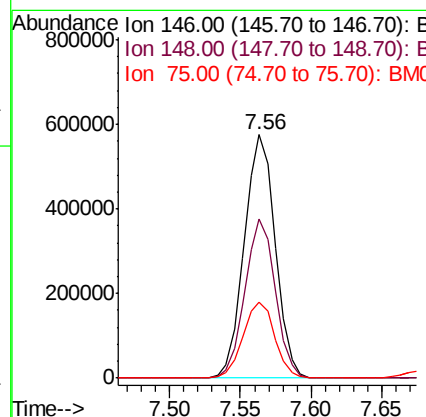
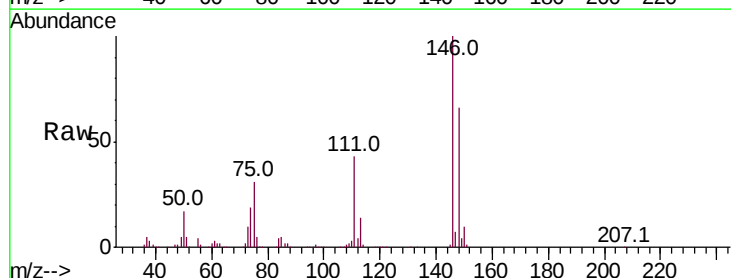
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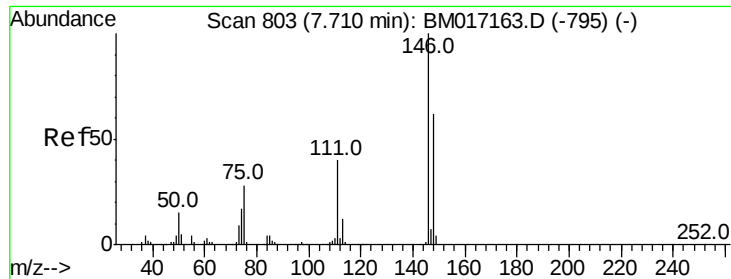
Sohil
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#12
1,3-Dichlorobenzene
Concen: 49.283 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.2	75.4
75	31.3	23.3	34.9





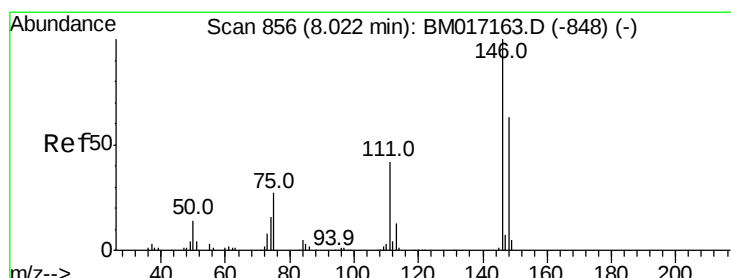
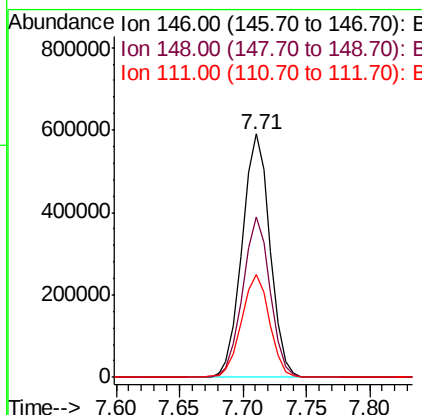
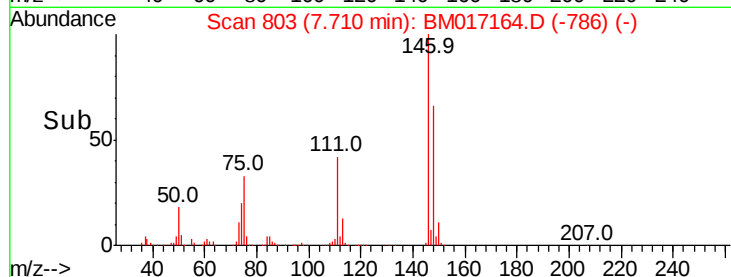
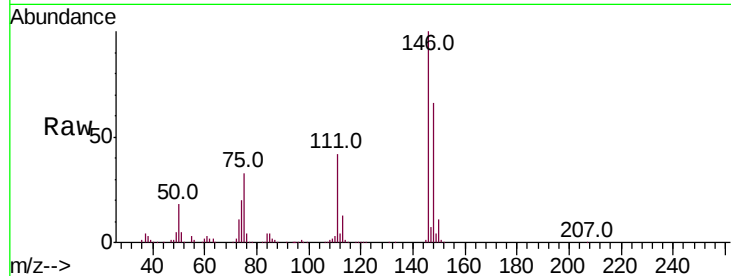
#13
 1,4-Dichlorobenzene
 Concen: 48.924 ng
 RT: 7.71 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	900311		
148	65.7	49.8	74.6	
111	42.2	32.1	48.1	

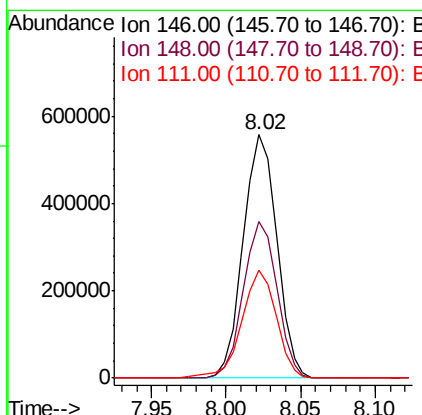
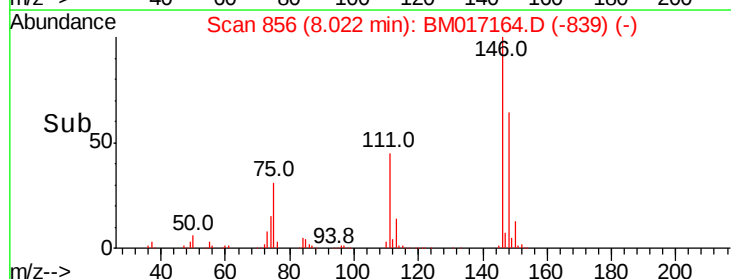
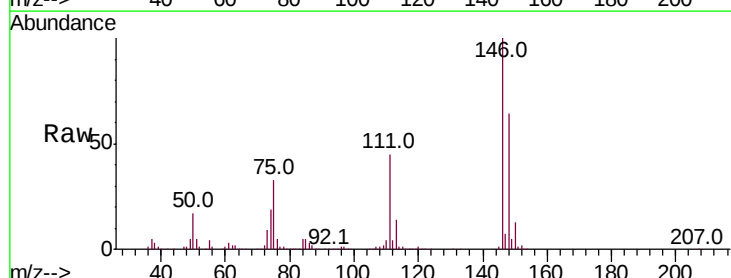
Manual Integrations
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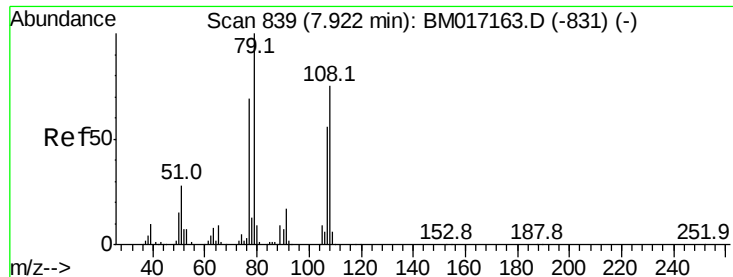
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 48.018 ng
 RT: 8.02 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	871026		
148	64.2	50.8	76.2	
111	44.5	33.8	50.6	





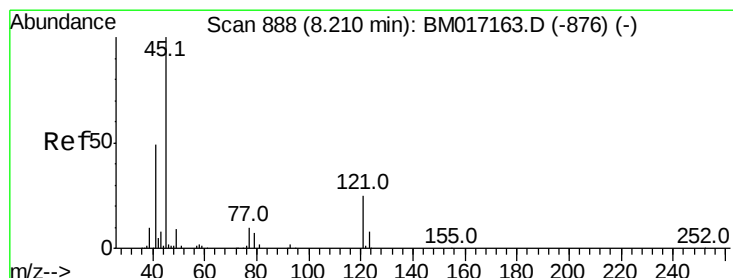
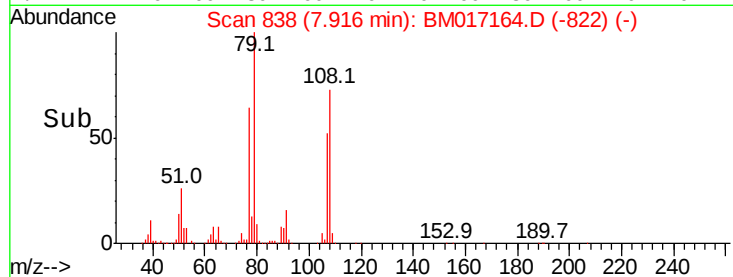
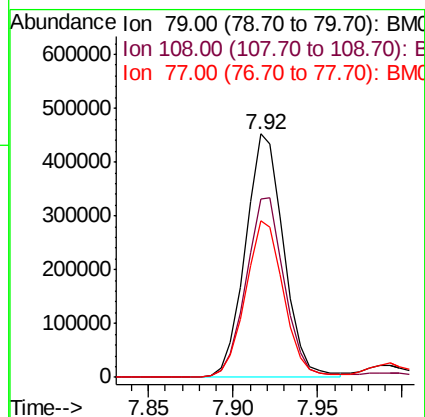
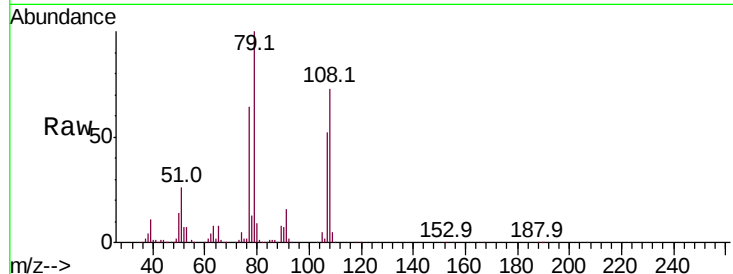
#15
Benzyl Alcohol
Concen: 64.056 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.3	60.3	90.5
77	64.3	54.8	82.2

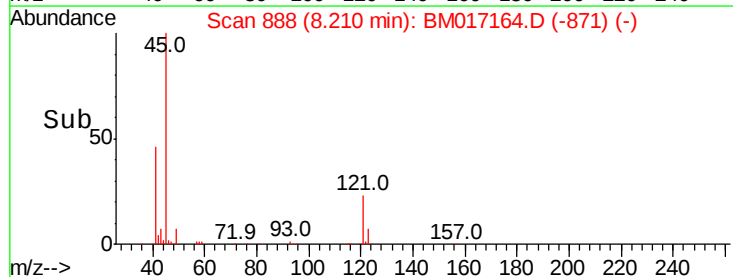
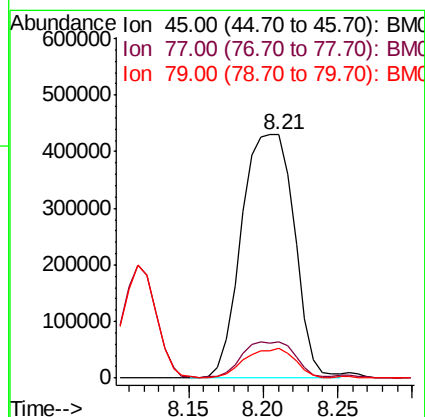
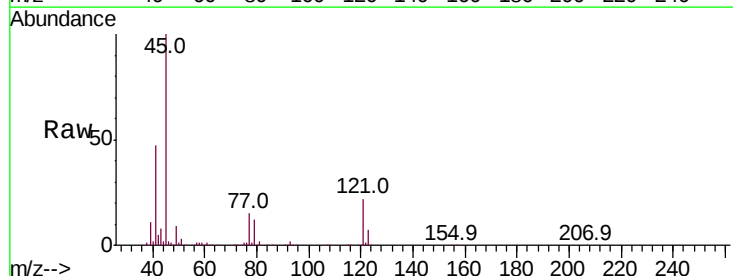
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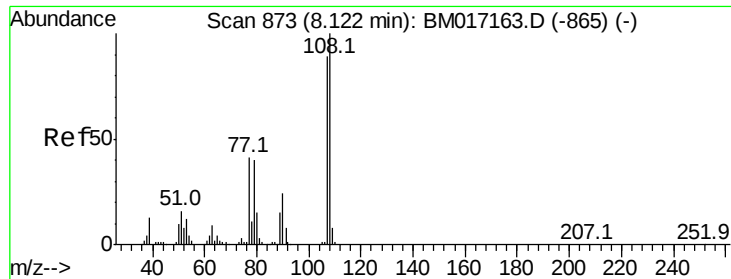
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.250 ng
RT: 8.21 min Scan# 888
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.5
79	12.1	0.0	32.1





#17

2-Methylphenol

Concen: 54.342 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

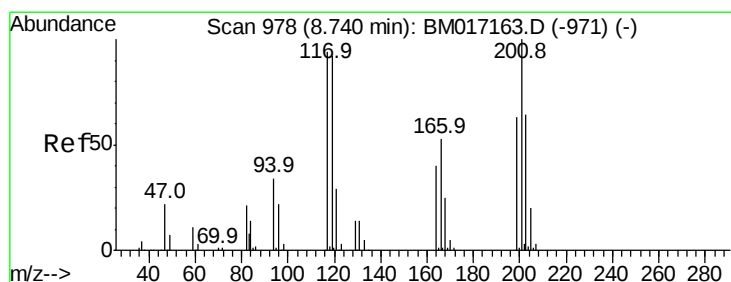
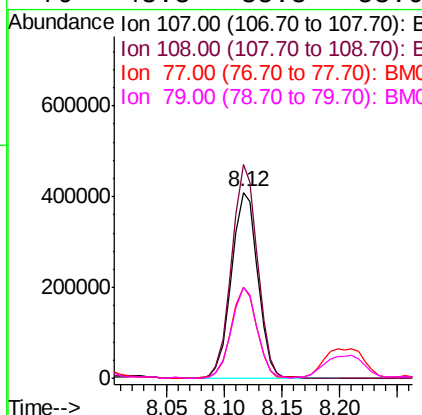
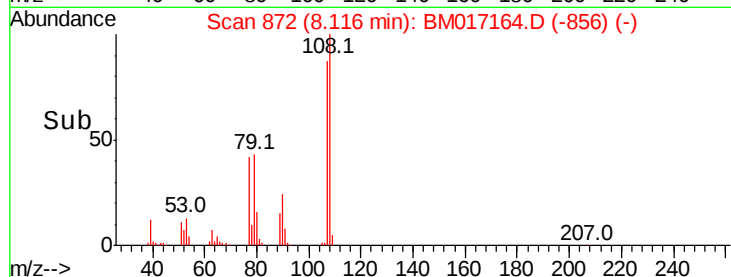
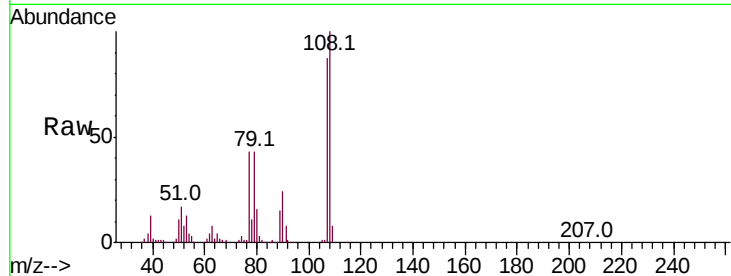
ClientSampleId :

SSTDIC050

Tot Ion:	107	Resp:	645279
Ion Ratio	Lower	Upper	
107	100		
108	114.8	90.3	135.5
77	49.0	37.0	55.4
79	48.8	35.8	53.6

Manual Integrations
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#18

Hexachloroethane

Concen: 45.343 ng

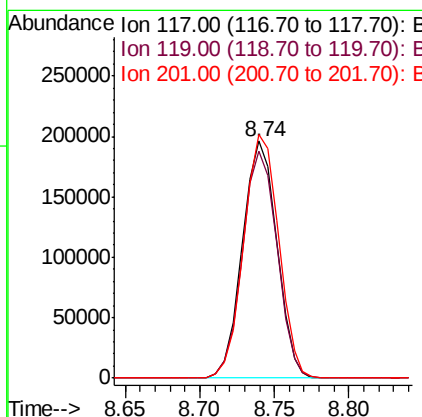
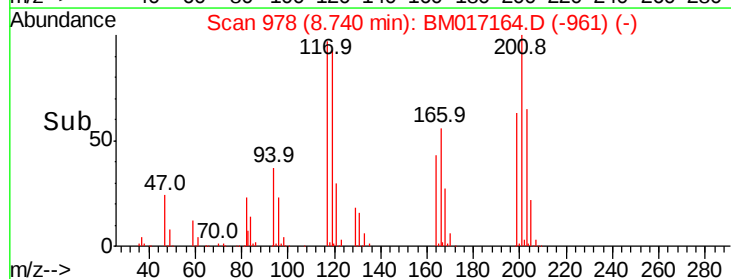
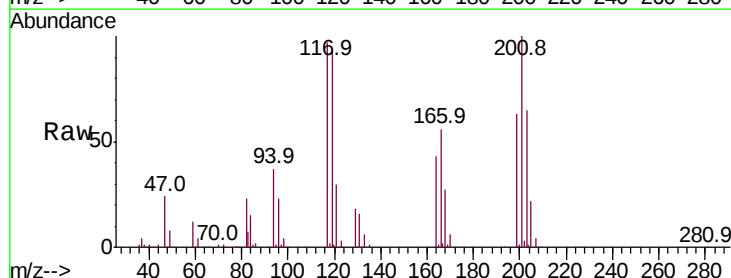
RT: 8.74 min Scan# 978

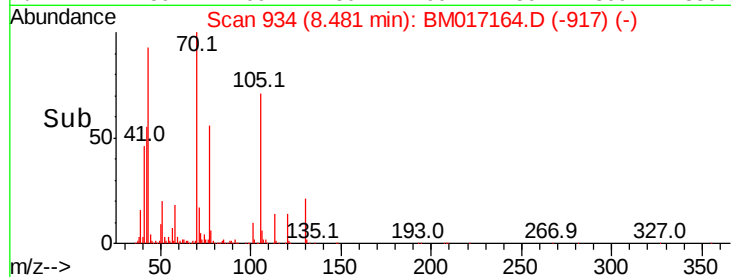
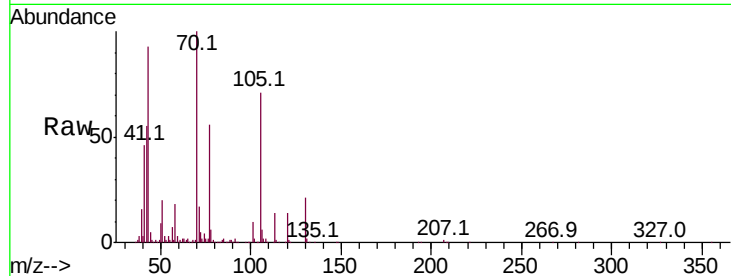
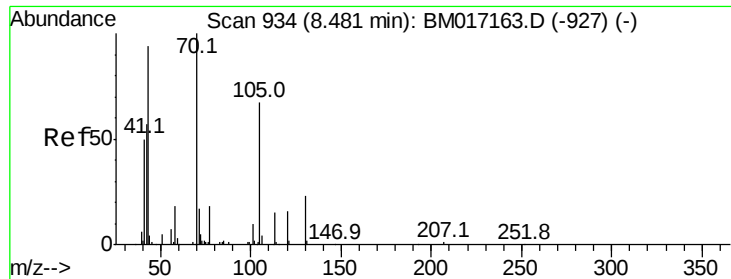
Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Tgt Ion:	117	Resp:	313708
Ion Ratio	Lower	Upper	
117	100		
119	96.0	78.2	117.2
201	102.9	85.3	127.9





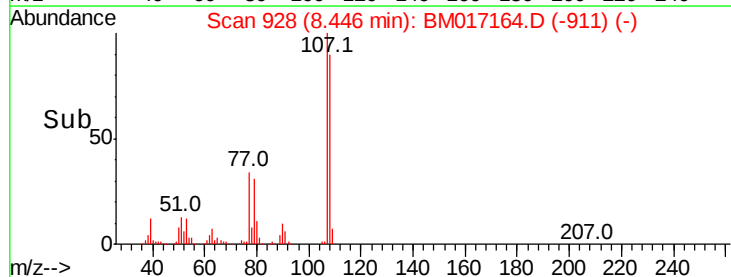
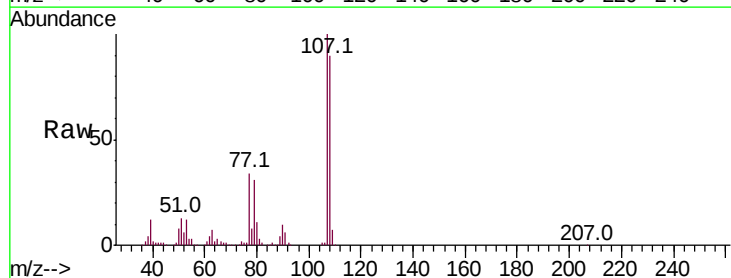
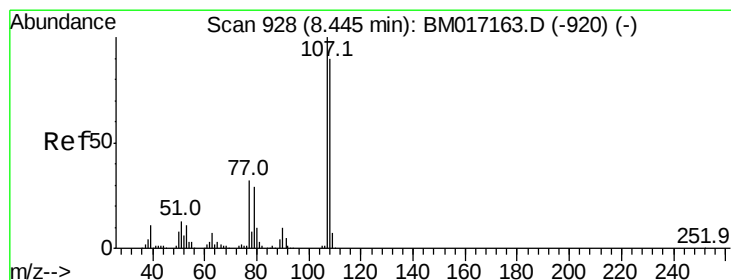
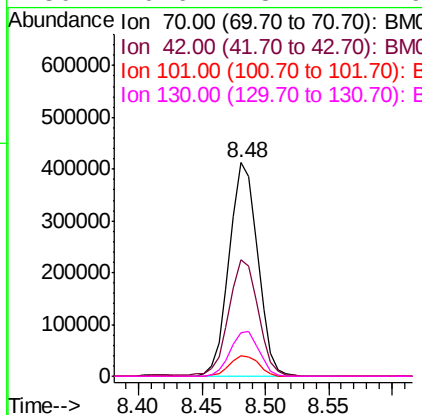
#19
n-Nitroso-di-n-propylamine
Concen: 61.822 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	46.1	69.1	
101	9.8	8.2	12.4	
130	20.6	18.4	27.6	

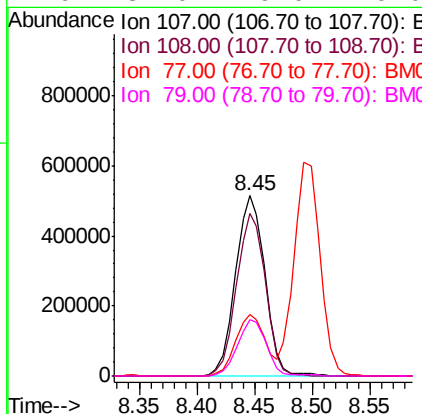
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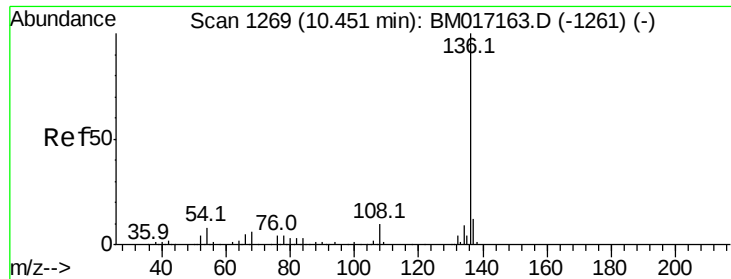
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#20
3+4-Methylphenols
Concen: 55.613 ng
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	69.9	109.9	
77	34.4	12.2	52.2	
79	31.0	9.0	49.0	





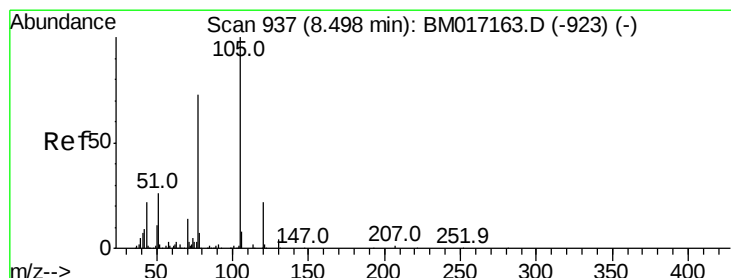
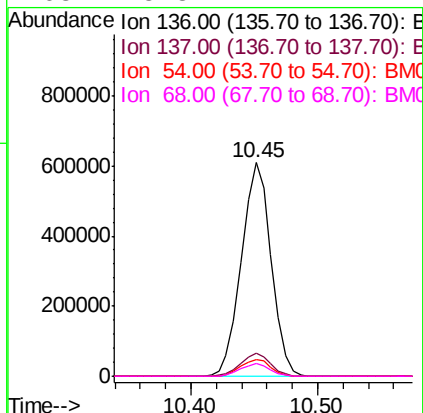
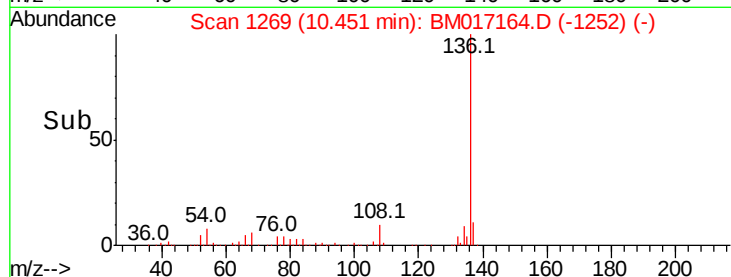
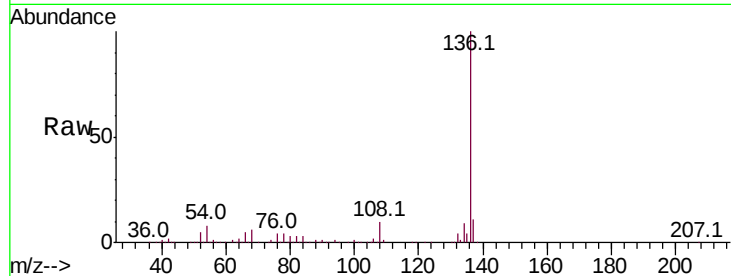
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	989111		
137	10.8		9.2	13.8
54	7.8		6.7	10.1
68	5.8		4.7	7.1

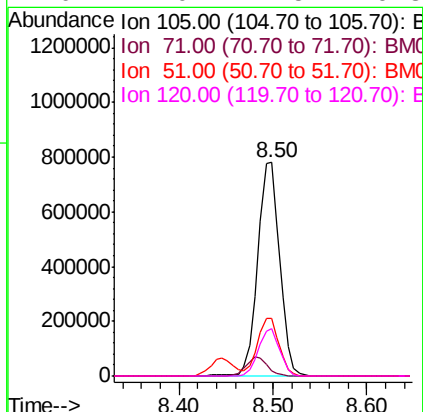
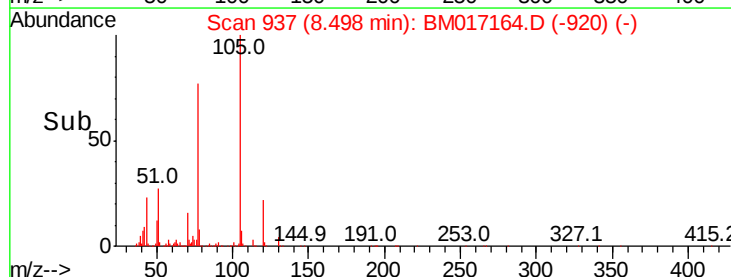
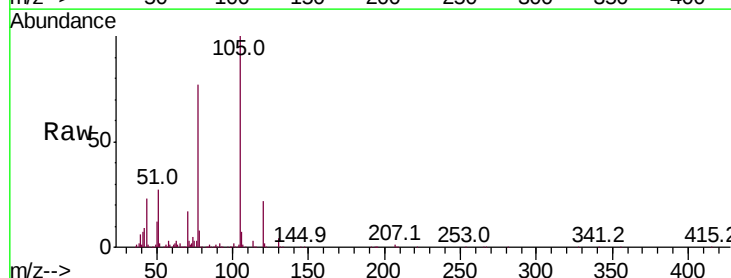
Manual Integrations
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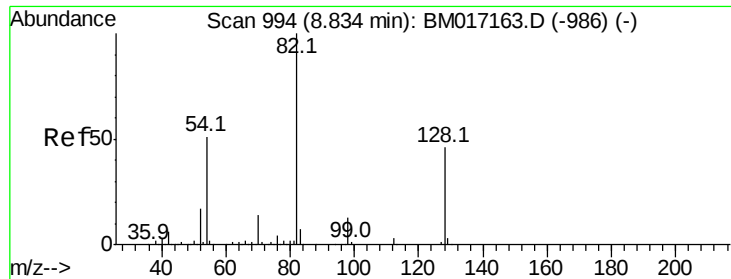
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#22
Acetophenone
Concen: 53.593 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1263963		
71	2.6		2.0	3.0
51	26.9		20.6	31.0
120	22.0		17.5	26.3





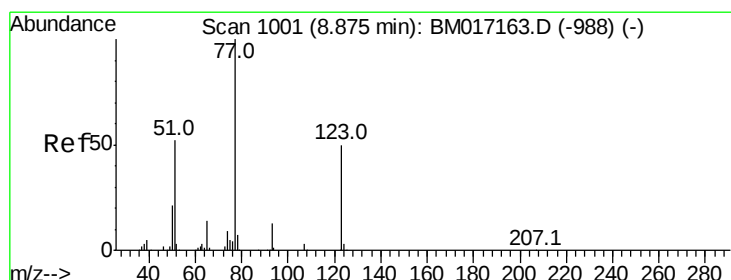
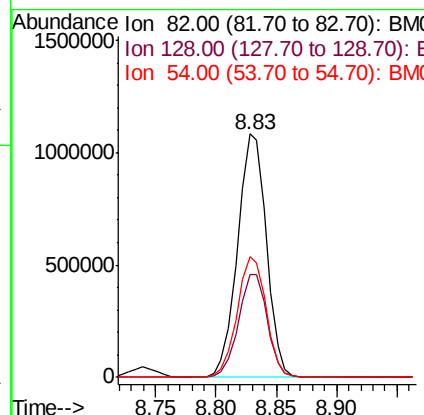
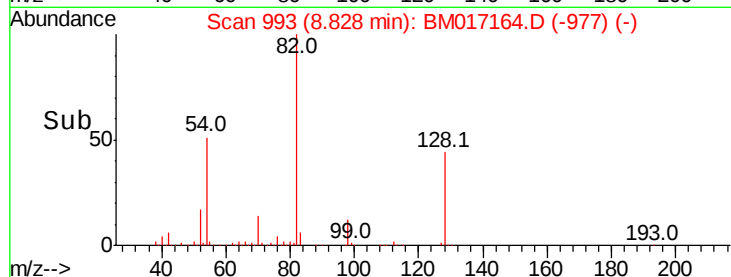
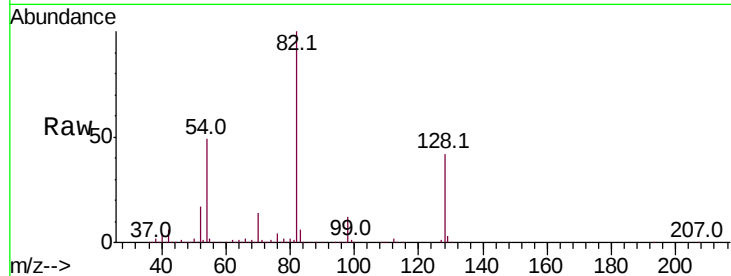
#23
 Nitrobenzene-d5
 Concen: 108.709 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1805252
 Ion Ratio Lower Upper
 82 100
 128 42.4 37.0 55.6
 54 49.4 40.7 61.1

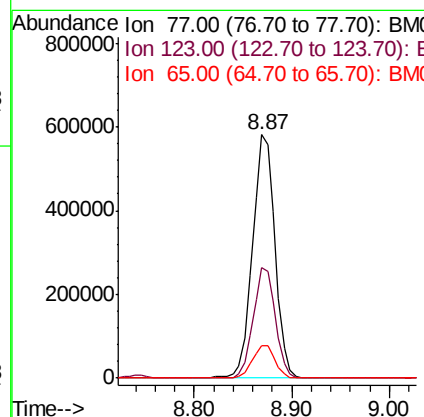
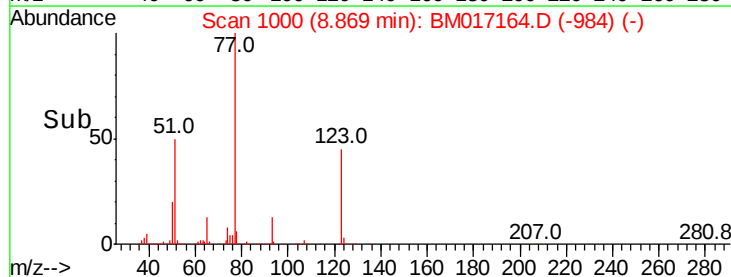
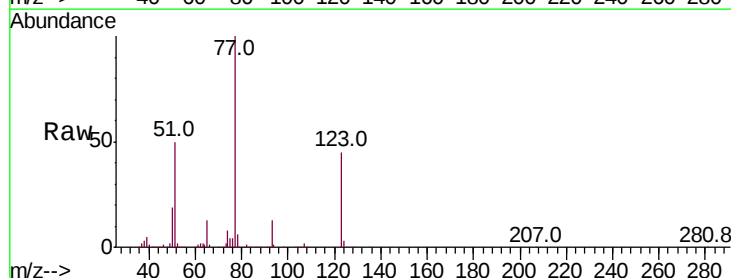
Manual Integrations
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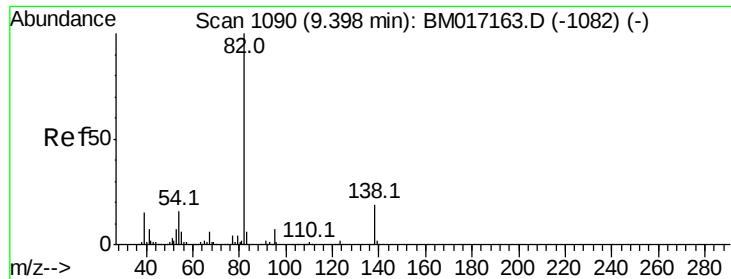
Sohil
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#24
 Nitrobenzene
 Concen: 55.877 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion: 77 Resp: 938231
 Ion Ratio Lower Upper
 77 100
 123 45.2 40.2 60.4
 65 13.3 11.4 17.0





#25

Isophorone

Concen: 59.377 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1475616

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

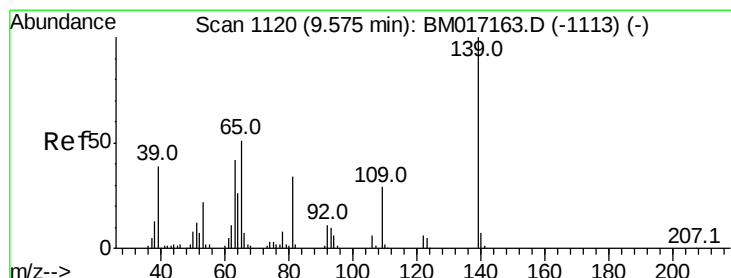
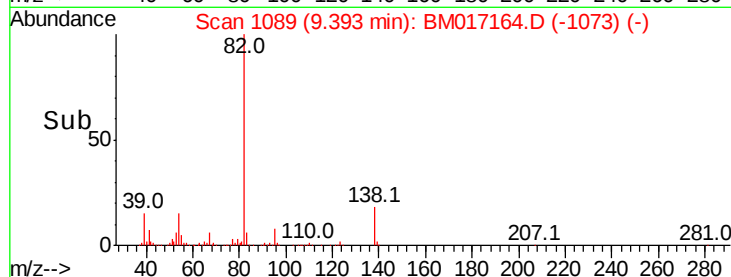
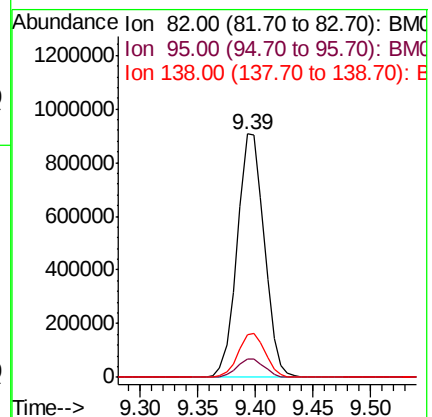
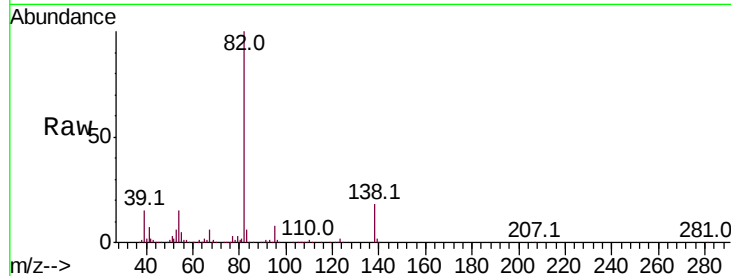
138 17.5 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 55.602 ng

RT: 9.57 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

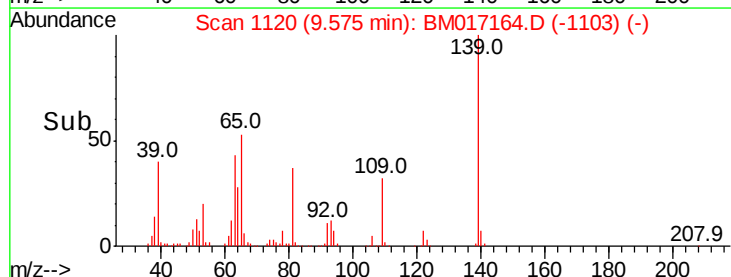
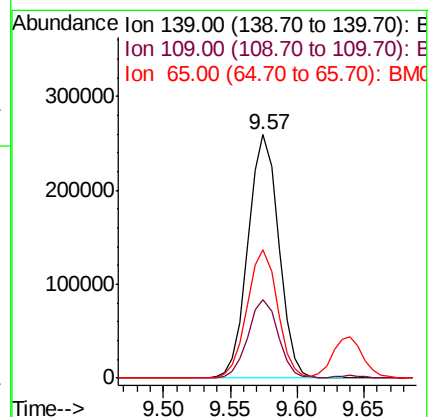
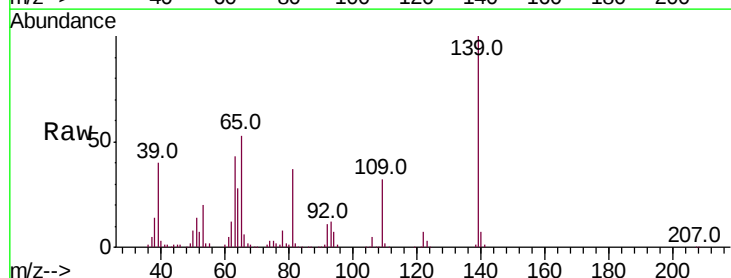
Tgt Ion: 139 Resp: 411187

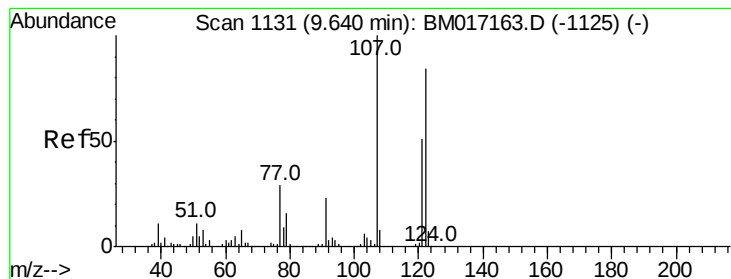
Ion Ratio Lower Upper

139 100

109 32.2 23.2 34.8

65 52.8 40.6 61.0





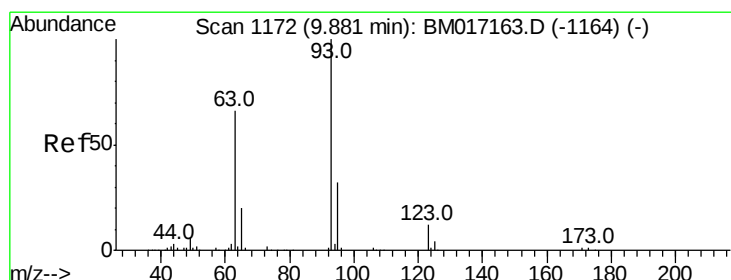
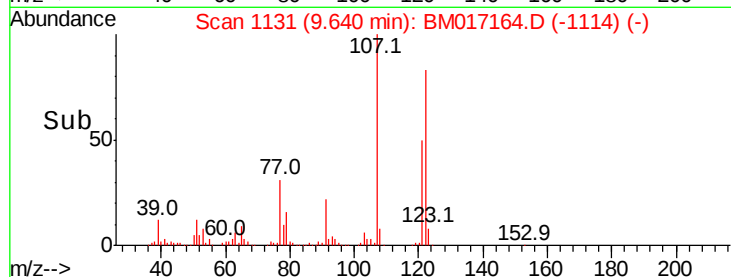
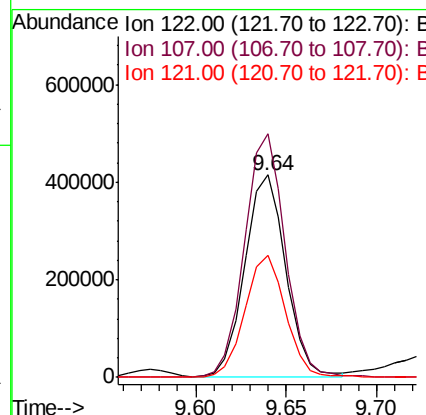
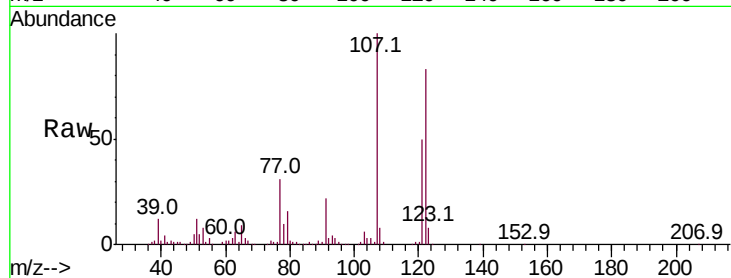
#27
2,4-Dimethylphenol
Concen: 55.692 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	95.0	142.6
121	60.2	48.2	72.4

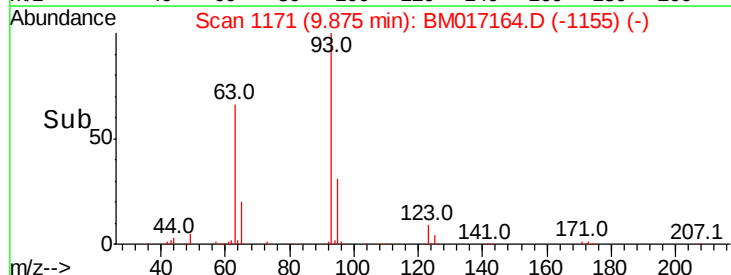
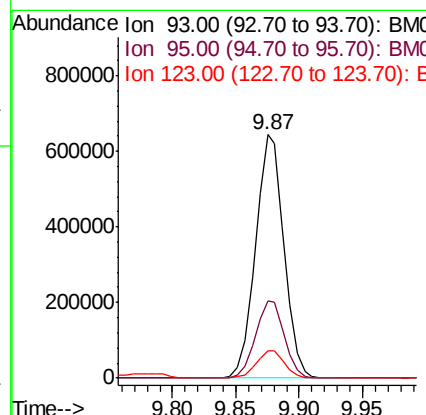
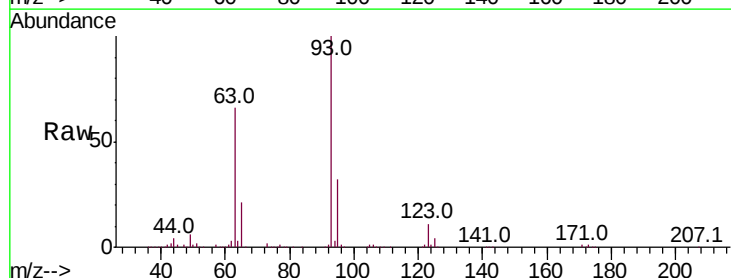
Manual Integrations
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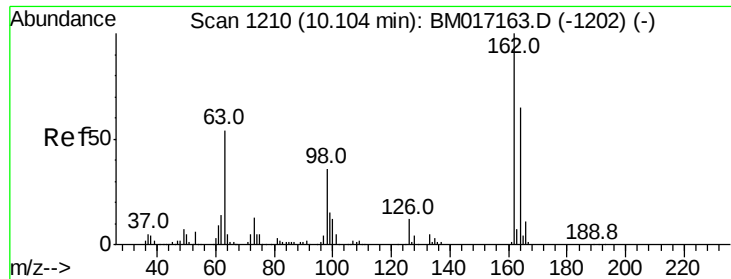
Sohil
10/18/2018 1:58:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 56.246 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.7	38.5
123	11.3	9.4	14.0





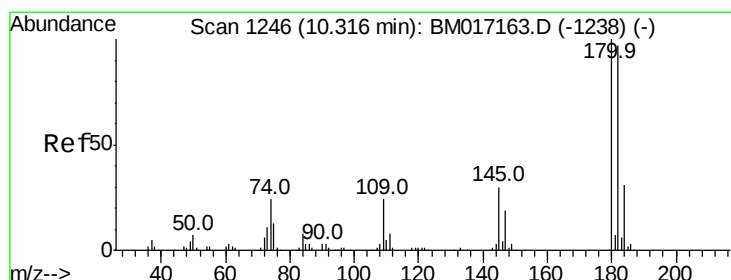
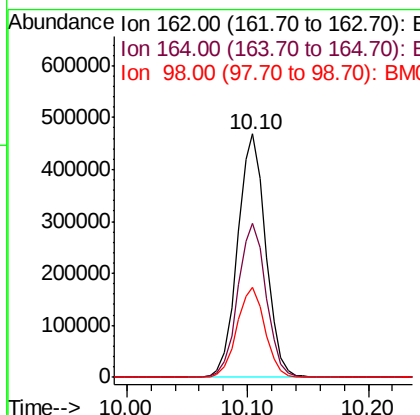
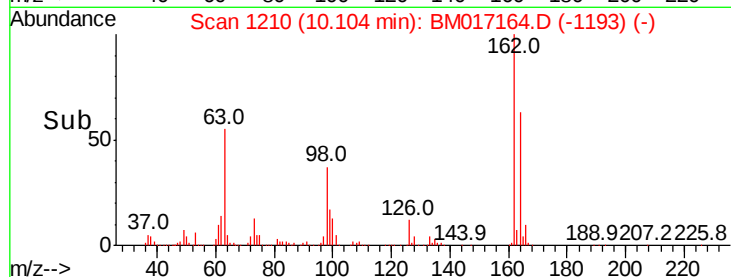
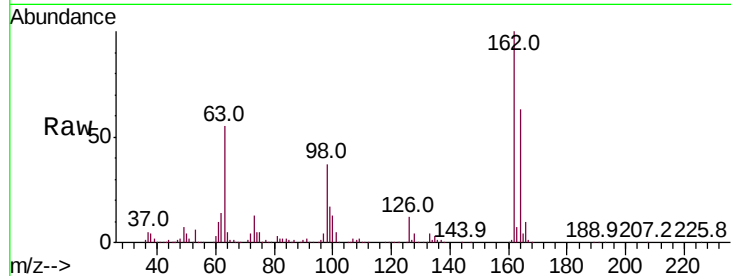
#29
2,4-Dichlorophenol
Concen: 54.200 ng
RT: 10.10 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.9	84.9
98	37.1	15.8	55.8

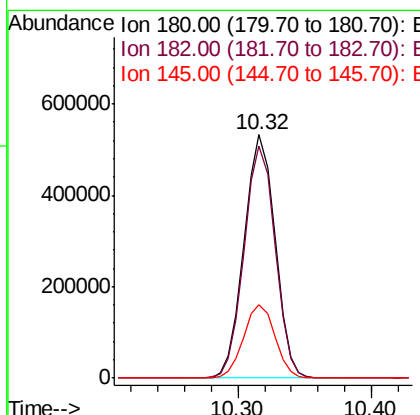
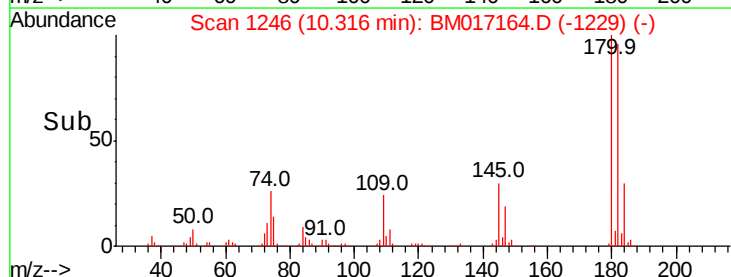
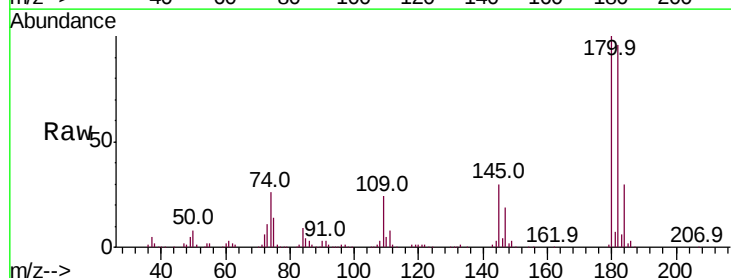
Manual Integrations
APPROVED

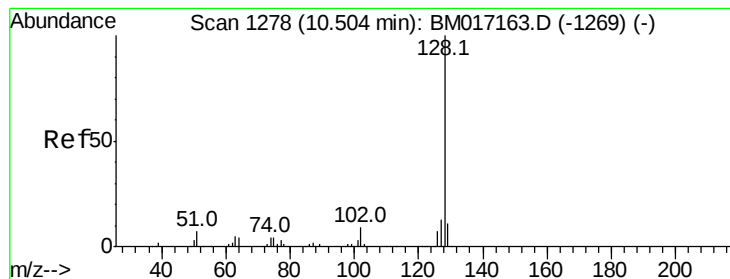
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#30
1,2,4-Trichlorobenzene
Concen: 48.457 ng
RT: 10.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.5	116.3
145	30.0	24.0	36.0





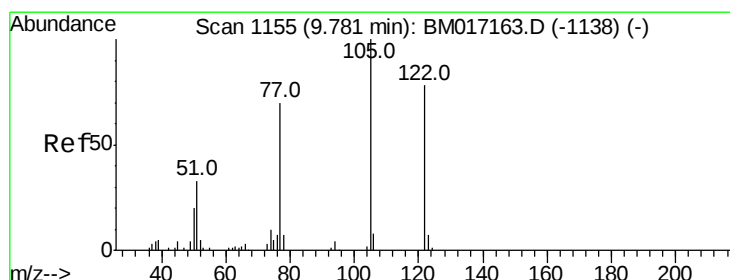
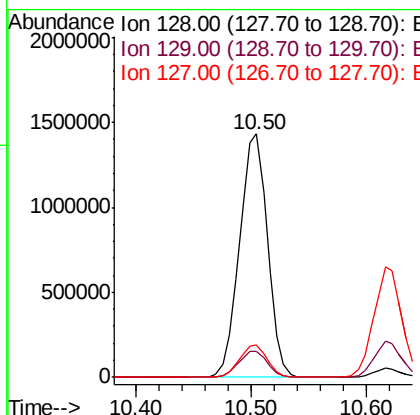
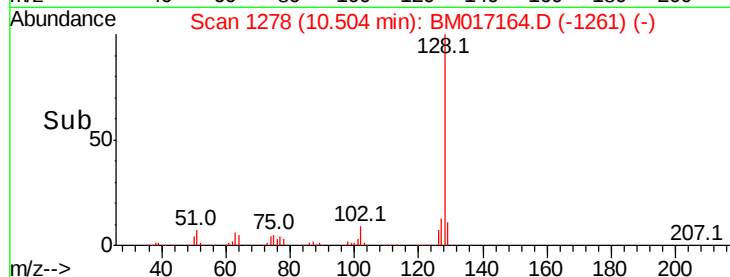
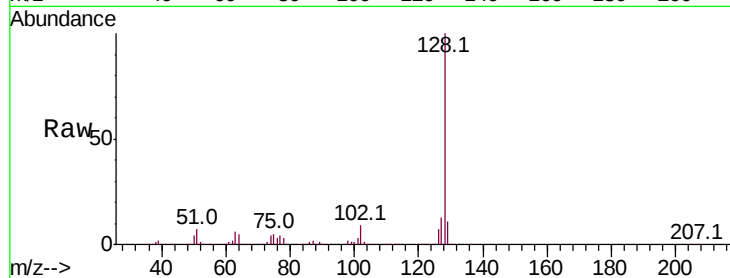
#31
Naphthalene
Concen: 49.393 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	13.2	10.3	15.5

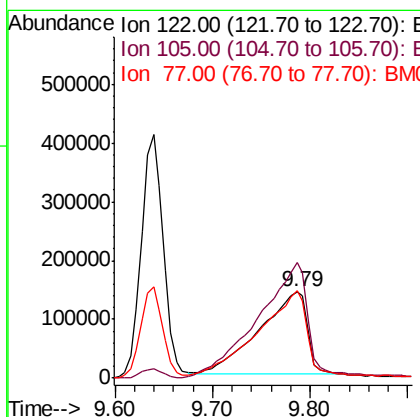
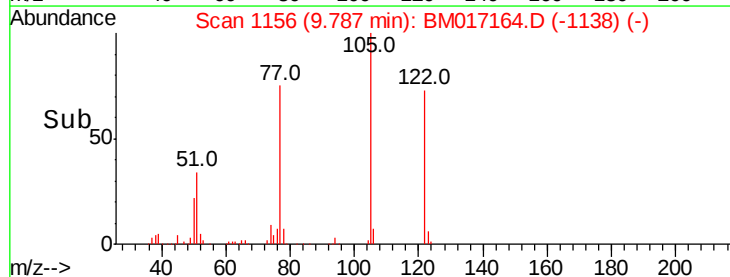
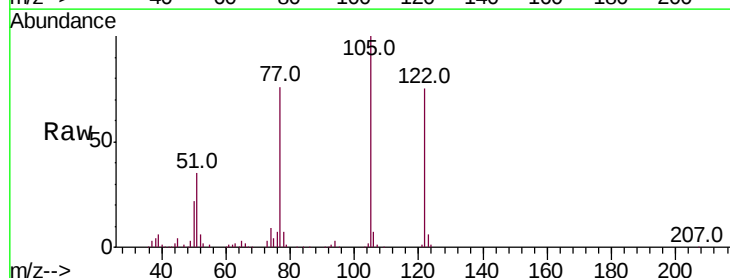
Manual Integrations
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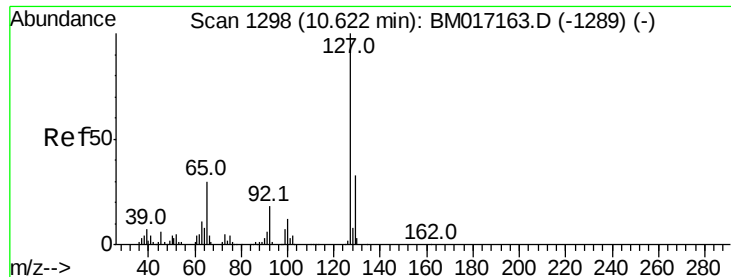
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#32
Benzoic acid
Concen: 59.701 ng m
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	102.0	142.0
77	101.0	67.7	107.7





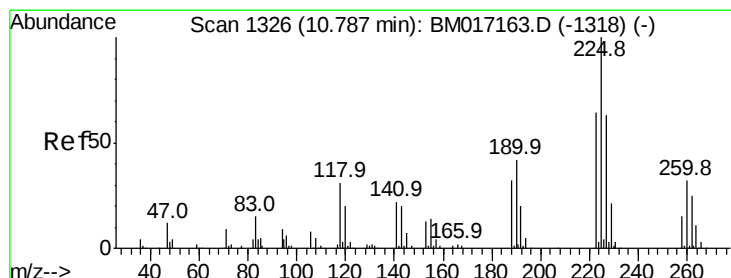
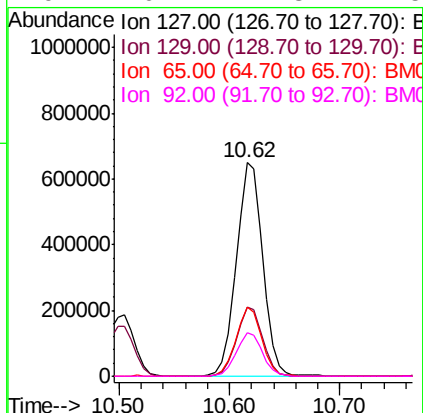
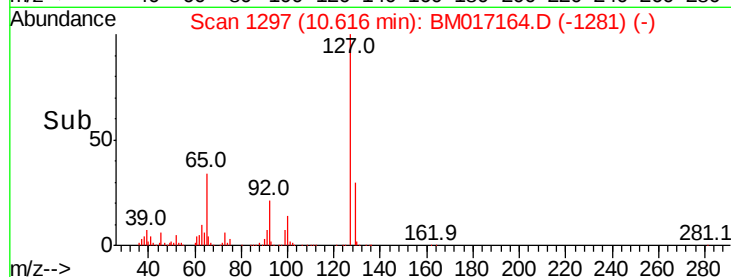
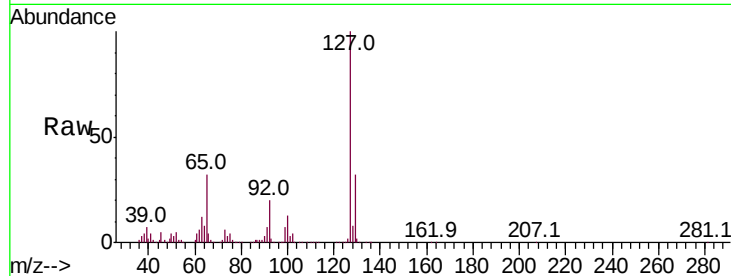
#33
4-Chloroaniline
Concen: 56.103 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	32.4	23.7	35.5
92	20.4	14.3	21.5

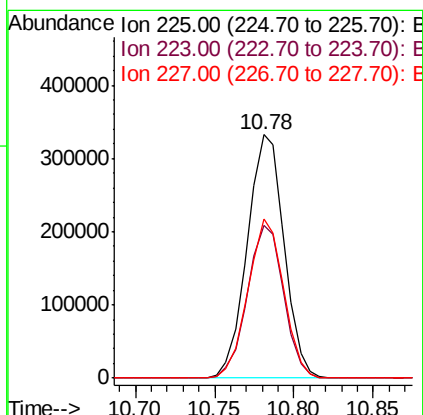
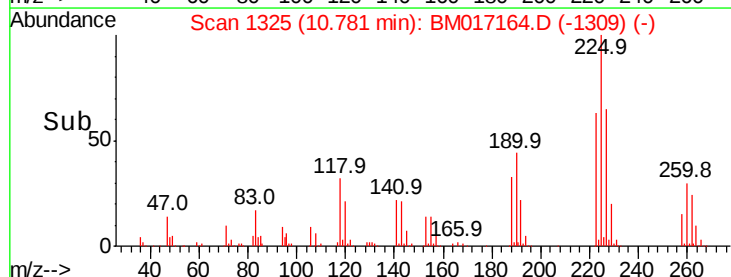
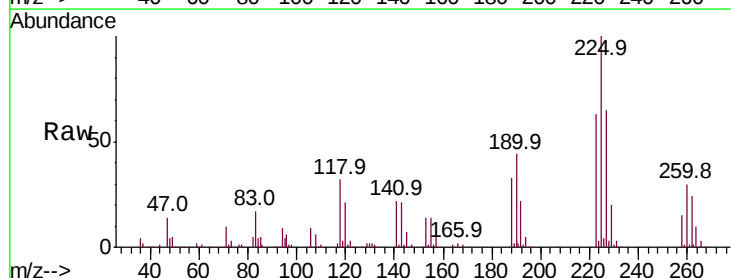
Manual Integrations
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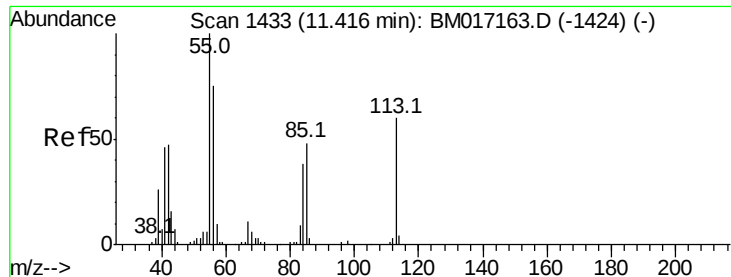
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#34
Hexachlorobutadiene
Concen: 47.305 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	65.1	50.8	76.2





#35

Caprolactam

Concen: 62.806 ng/mL

RT: 11.42 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

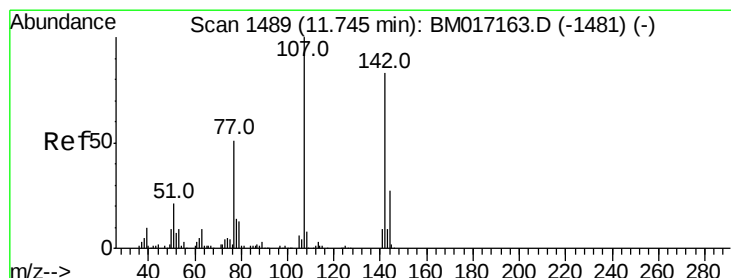
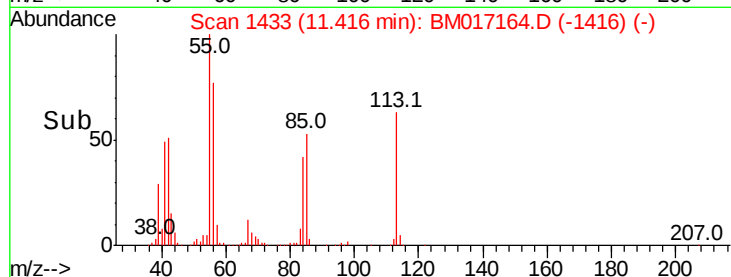
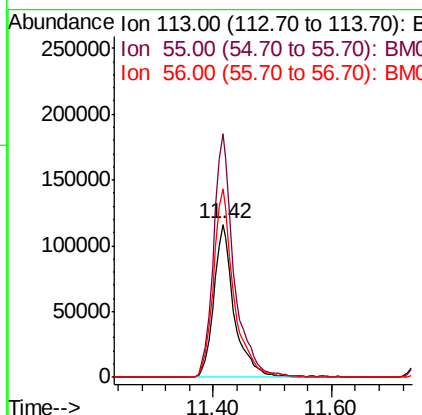
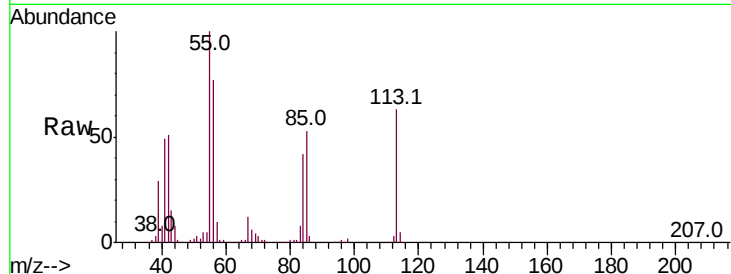
ClientSampleID :

SSTDIC050

Tot Ion:	113	Resp:	277867
Ion Ratio	Lower	Upper	
113	100		
55	159.1	147.0	187.0
56	123.2	104.5	144.5

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 58.003 ng/mL

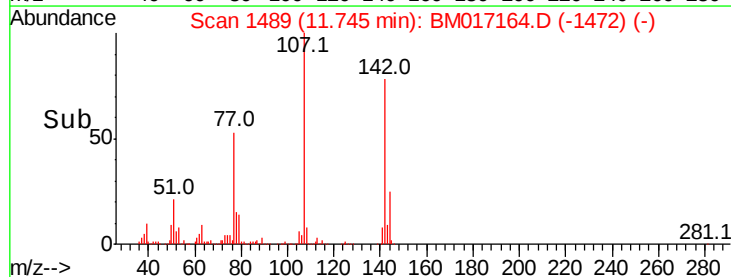
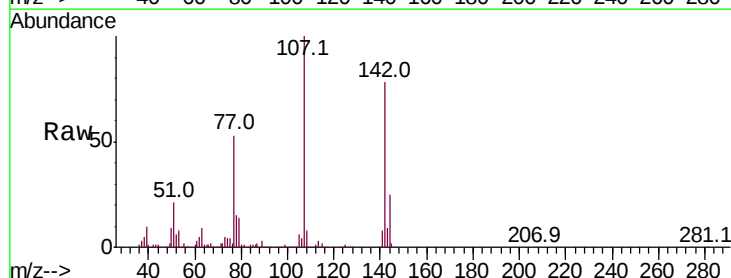
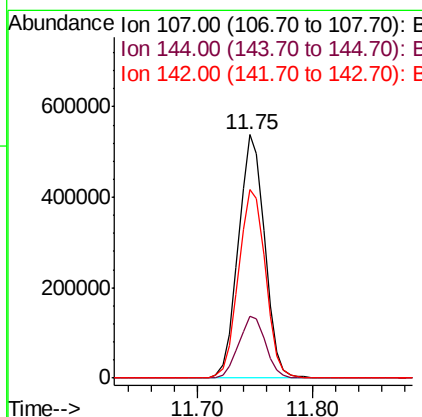
RT: 11.75 min Scan# 1489

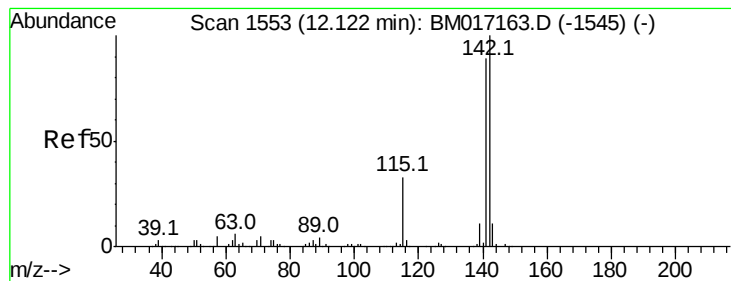
Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Tgt Ion:	107	Resp:	855390
Ion Ratio	Lower	Upper	
107	100		
144	25.4	21.6	32.4
142	77.6	66.0	99.0





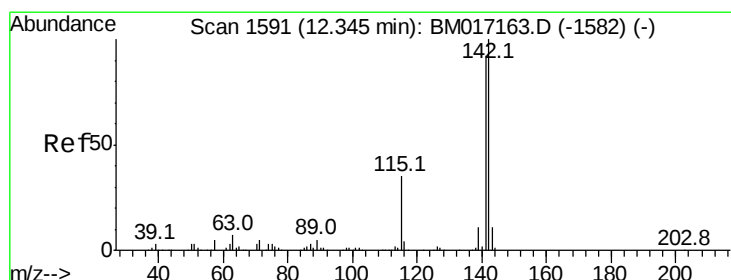
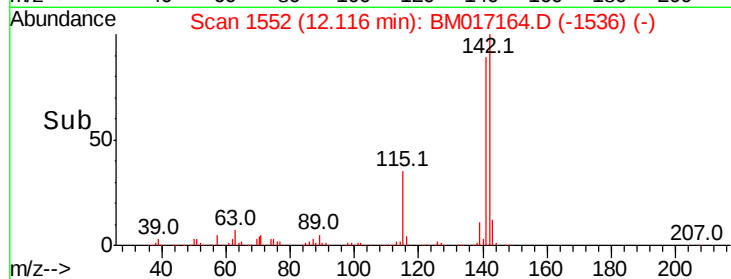
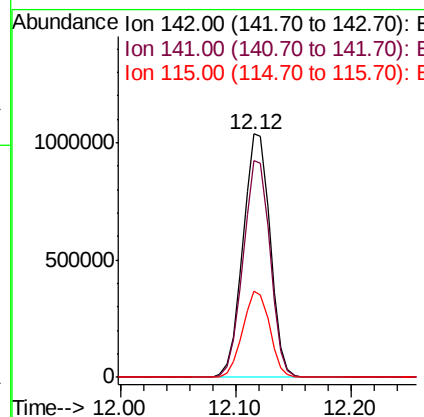
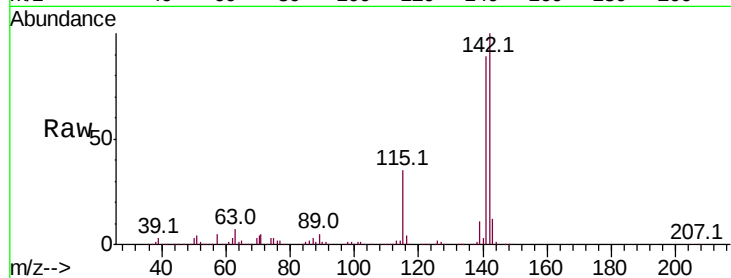
#37
2-Methylnaphthalene
Concen: 52.175 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	35.4	26.4	39.6

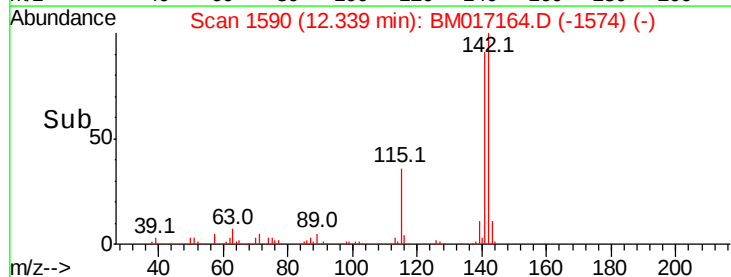
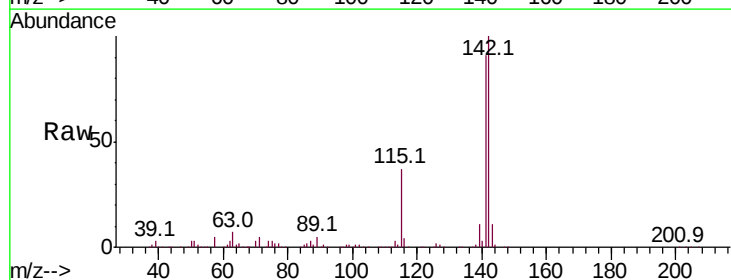
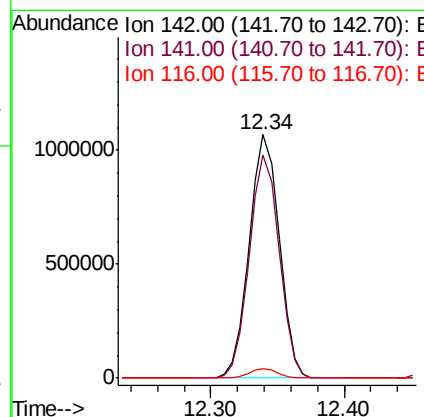
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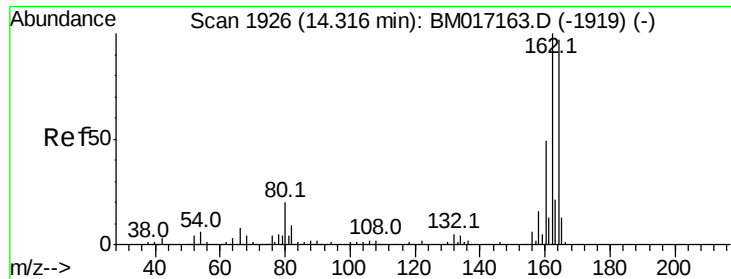
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#38
1-Methylnaphthalene
Concen: 52.344 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.6
116	3.7	2.9	4.3





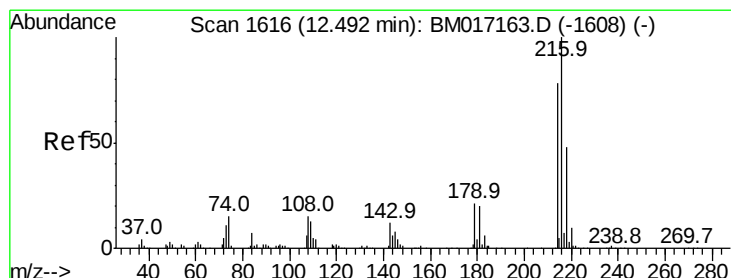
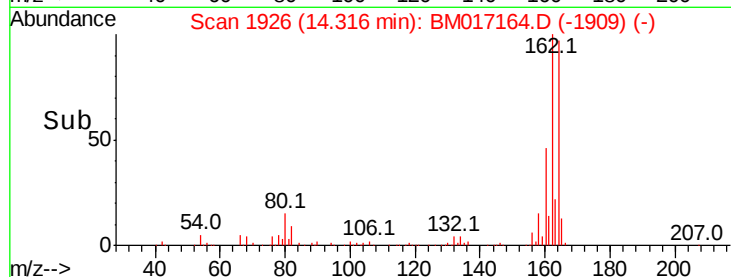
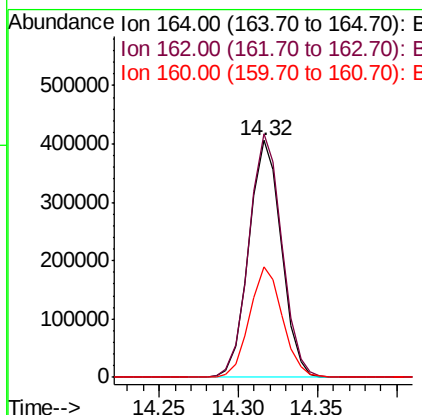
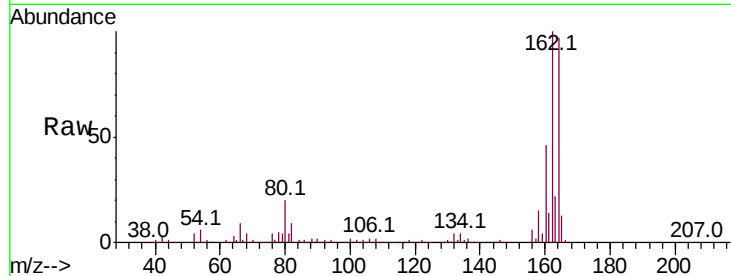
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	46.8	40.2	60.2

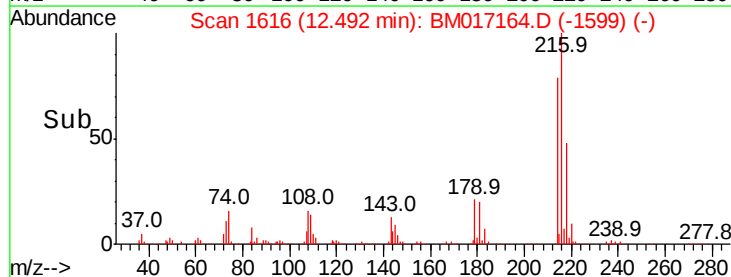
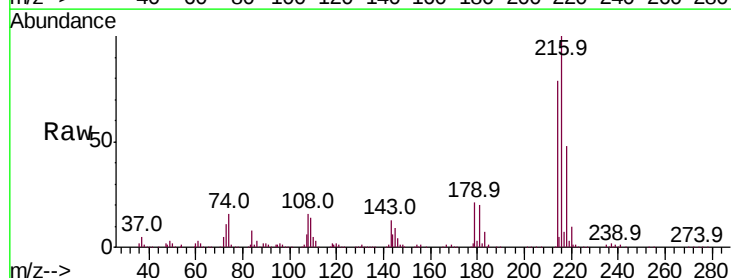
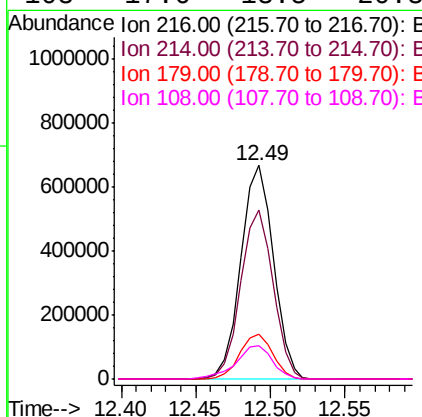
Manual Integrations
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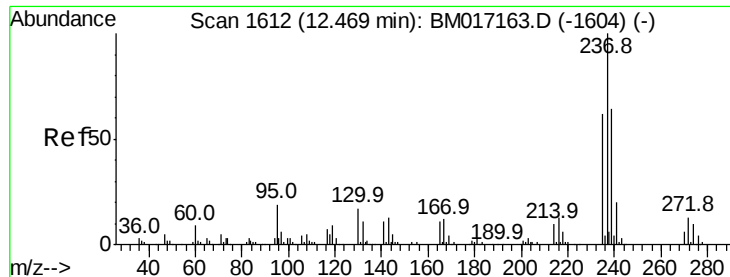
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.505 ng
 RT: 12.49 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	21.2	16.6	24.8
108	17.6	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 49.141 ng

RT: 12.47 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

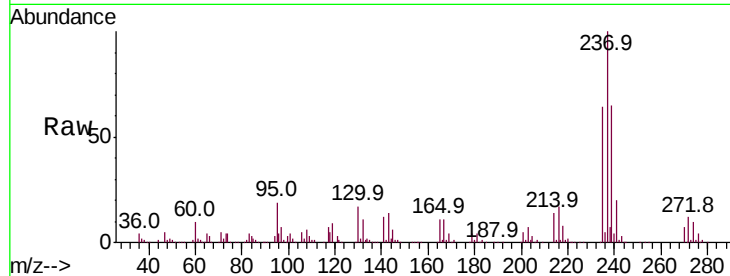
ClientSampleId :

SSTDIC050

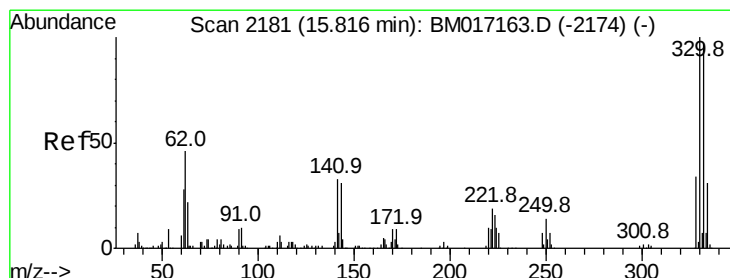
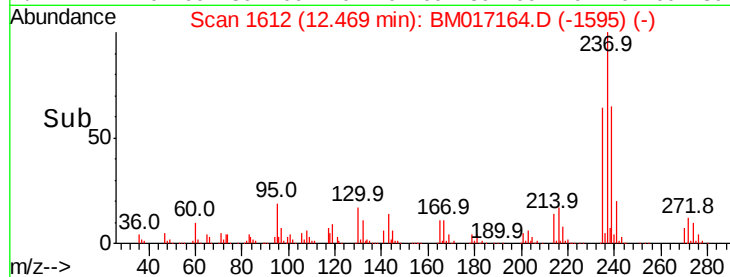
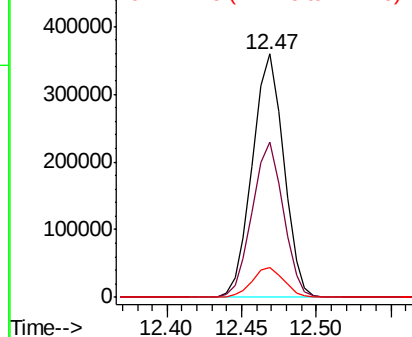
Tot Ion:	237	Resp:	523286
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.4	82.4
272	12.5	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 97.328 ng

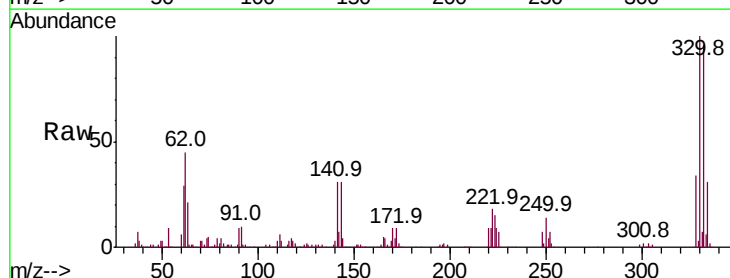
RT: 15.82 min Scan# 2181

Delta R.T. 0.00 min

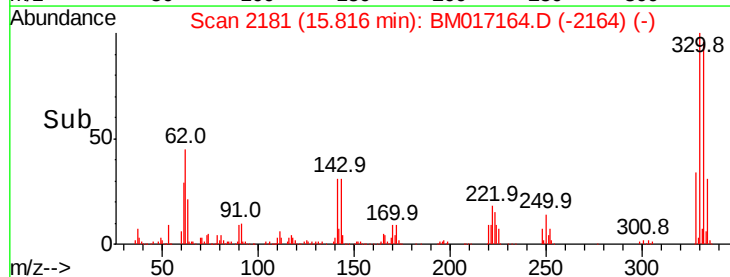
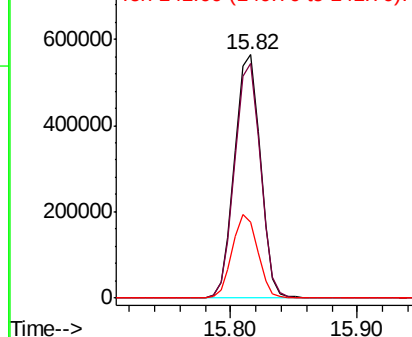
Lab File: BM017164.D

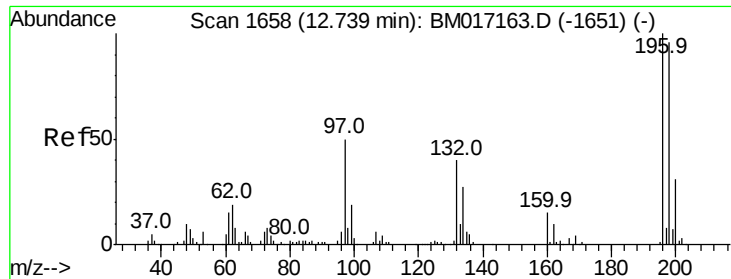
Acq: 17 Oct 2018 12:13

Tgt Ion:	330	Resp:	796786
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	34.0	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





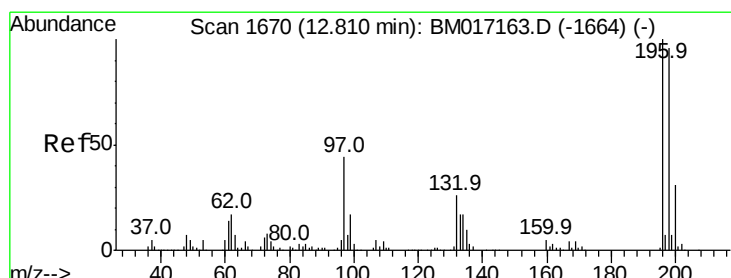
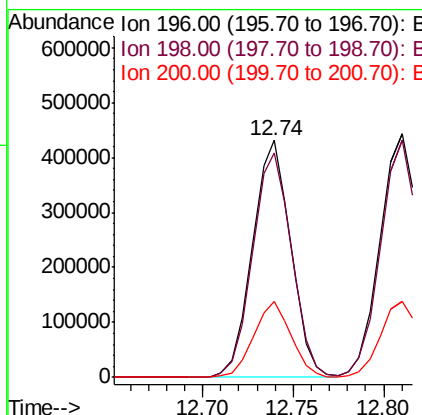
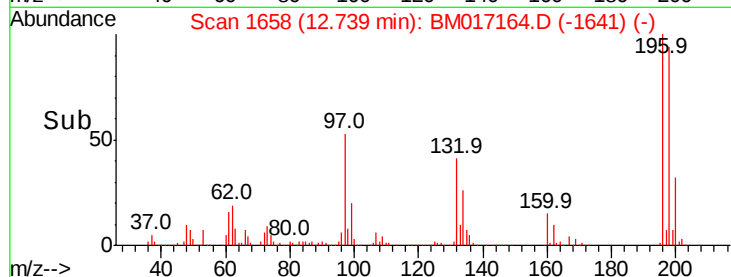
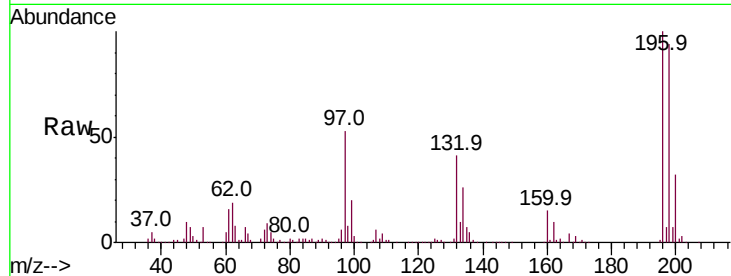
#43
 2,4,6-Trichlorophenol
 Concen: 53.519 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	633884		
198	94.5	77.1	115.7	
200	32.0	25.0	37.4	

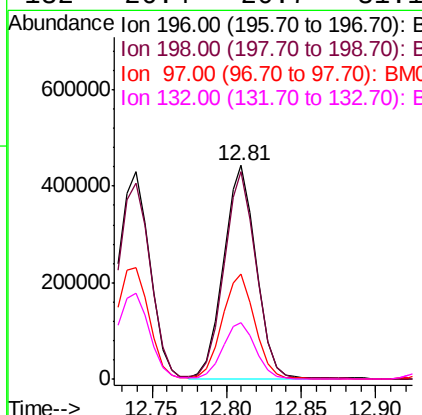
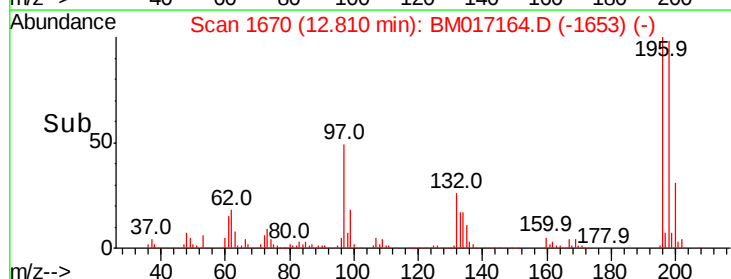
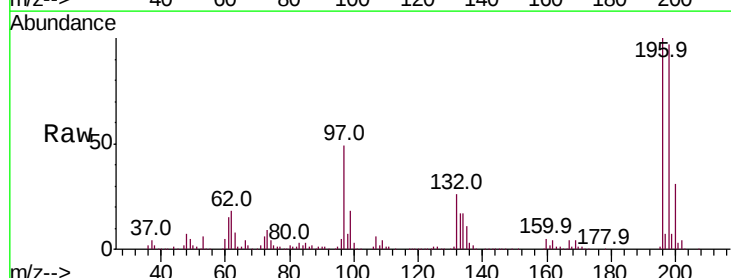
Manual Integrations
 APPROVED

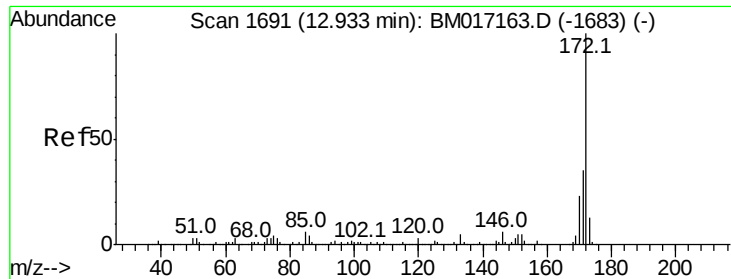
Sohil
 10/18/2018 1:58:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.172 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	671678		
198	97.3	76.6	115.0	
97	49.0	35.5	53.3	
132	26.4	20.7	31.1	





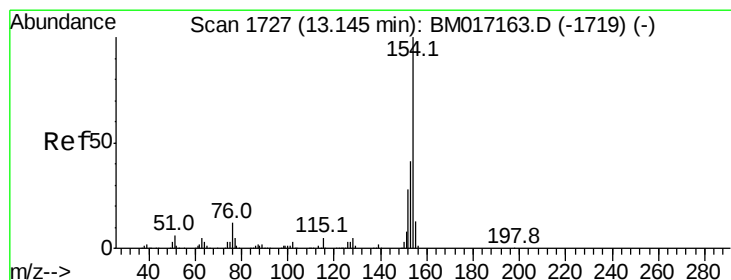
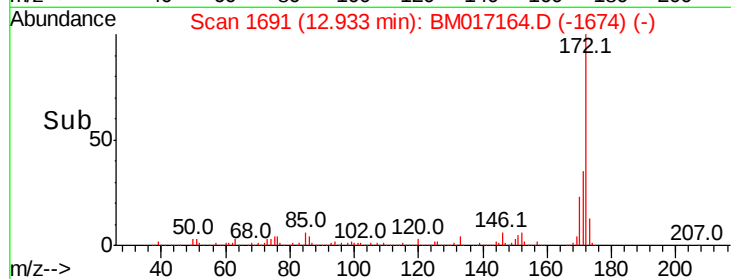
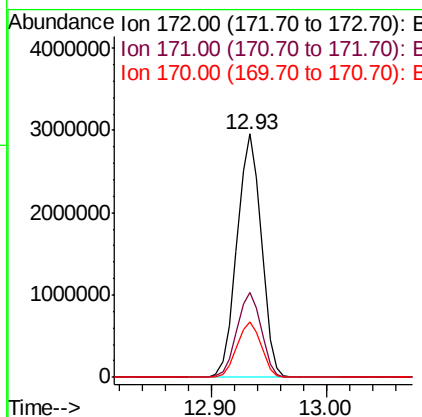
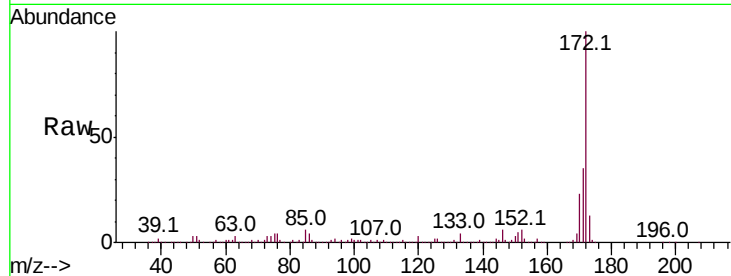
#45
2-Fluorobiphenyl
Concen: 95.919 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:172 Resp: 4308605
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.7 18.3 27.5

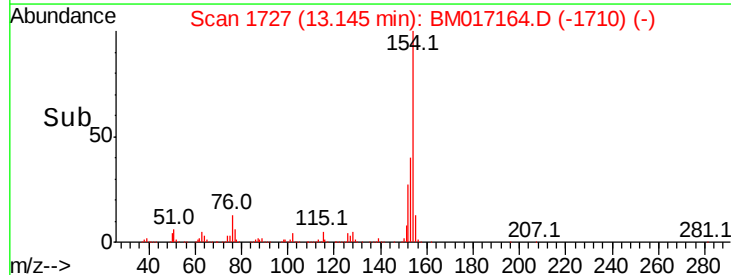
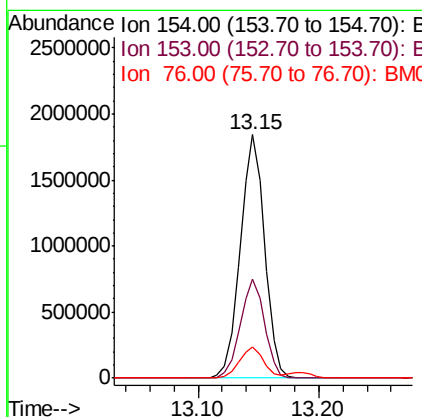
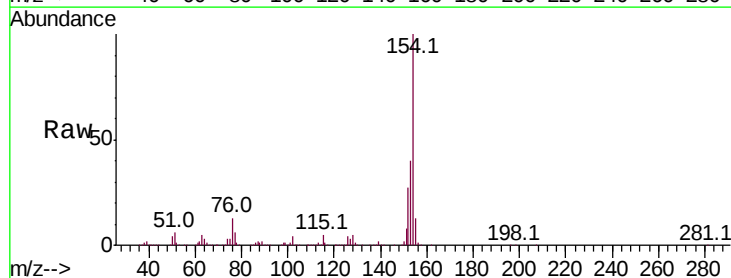
Manual Integrations
APPROVED

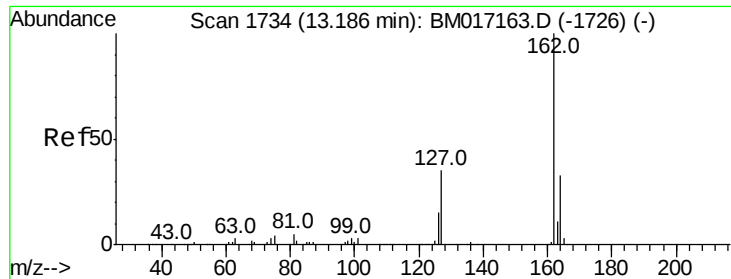
Sohil
10/18/2018 1:58:29 PM



#46
1,1'-Biphenyl
Concen: 48.649 ng
RT: 13.15 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion:154 Resp: 2582809
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.6 0.0 31.8





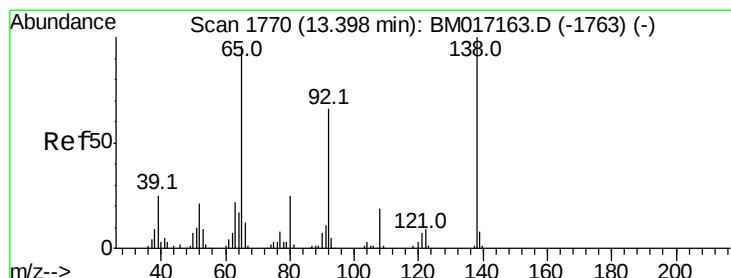
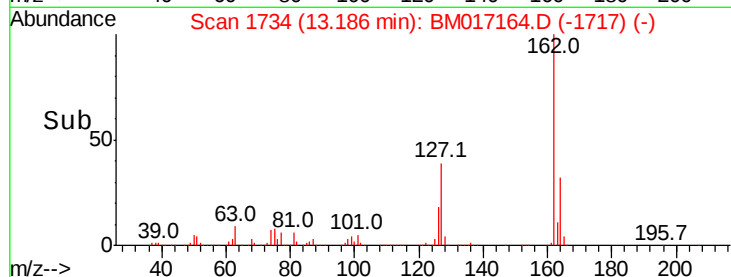
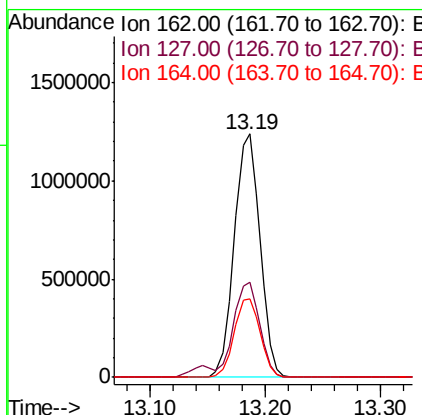
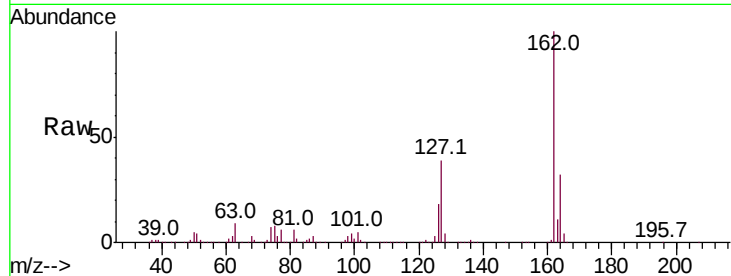
#47
 2-Chloronaphthalene
 Concen: 48.293 ng
 RT: 13.19 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	32.5	26.6	39.8

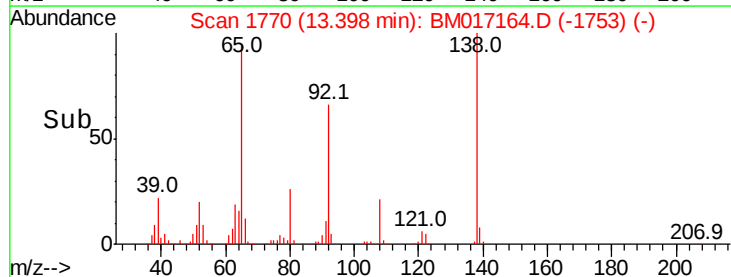
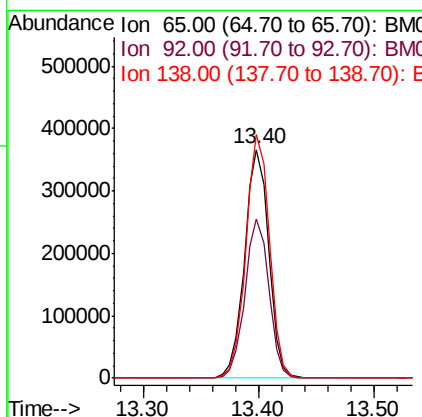
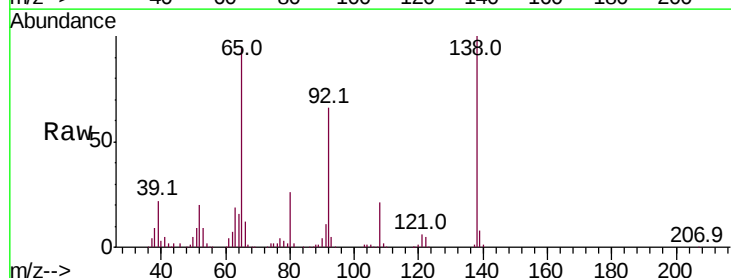
Manual Integrations
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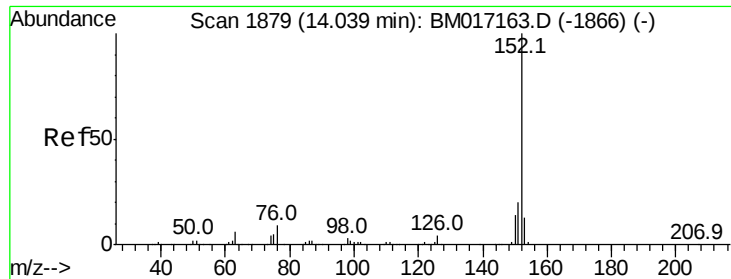
Sohil
 10/18/2018 1:58:29 PM



#48
 2-Nitroaniline
 Concen: 68.996 ng
 RT: 13.40 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.9	82.3
138	106.5	83.7	125.5





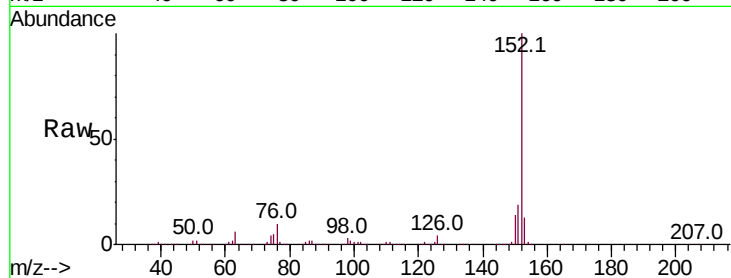
#49
Acenaphthylene
Concen: 51.213 ng
RT: 14.04 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	12.8	10.4	15.6

Manual Integrations
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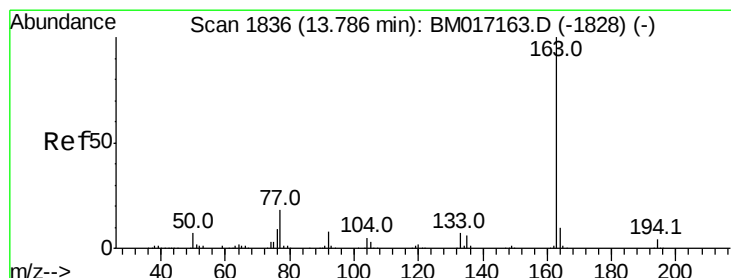
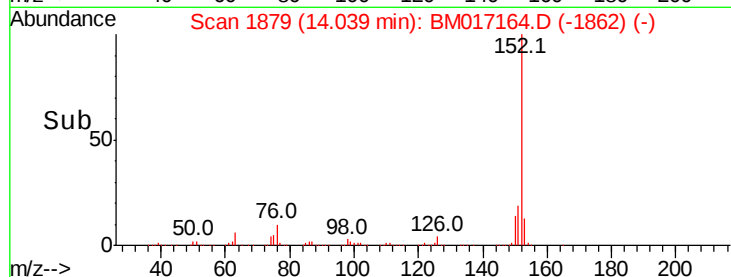
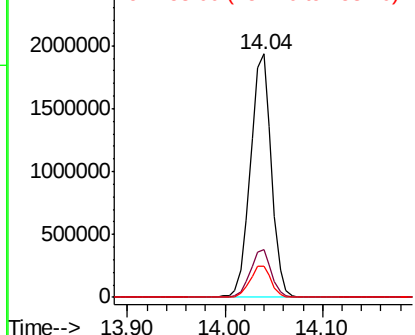


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 51.405 ng
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

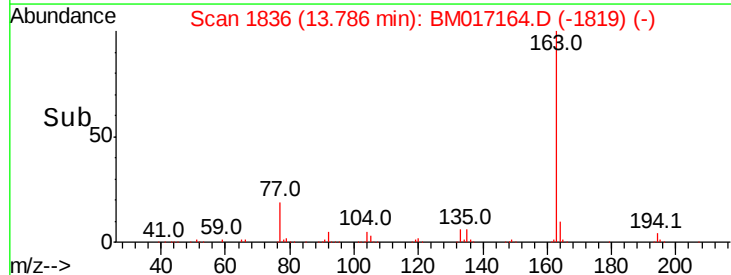
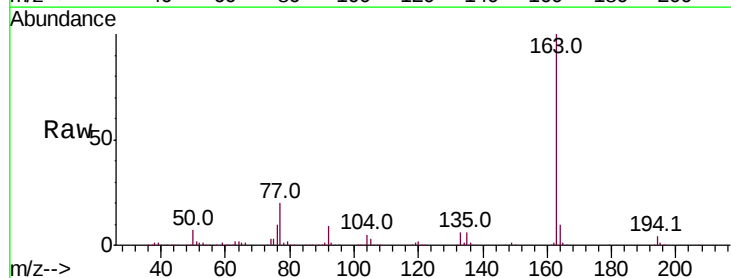
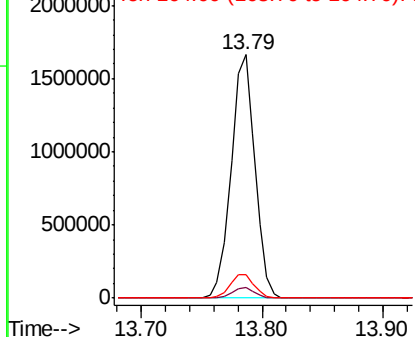
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	7.8	11.8

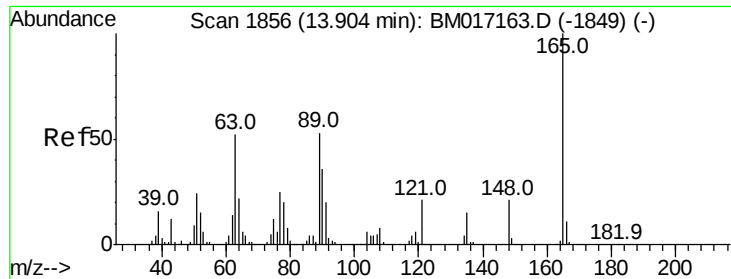
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





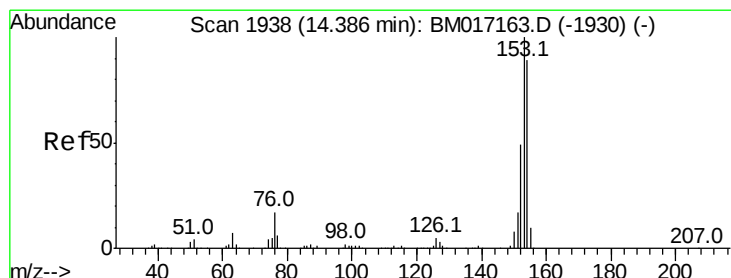
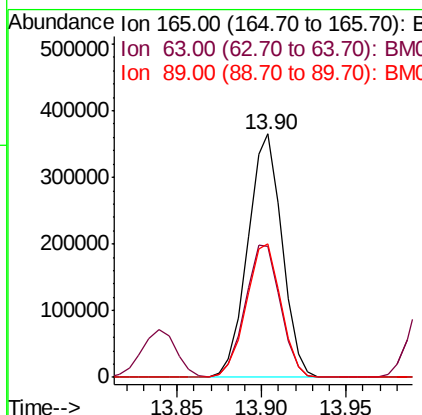
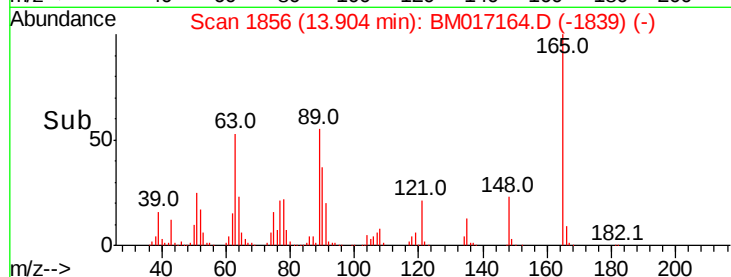
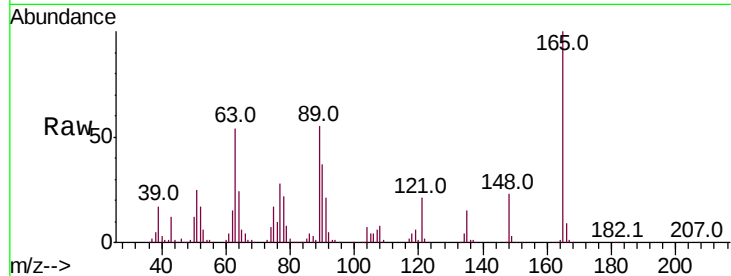
#51
2,6-Dinitrotoluene
Concen: 52.493 ng
RT: 13.90 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.7	64.1
89	55.1	42.1	63.1

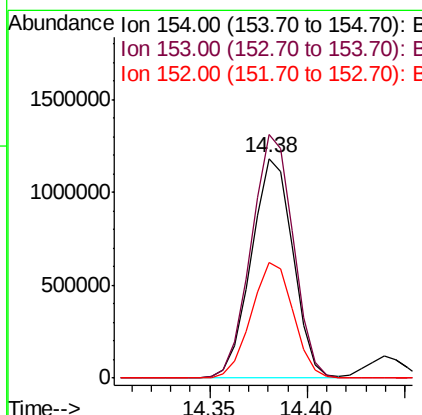
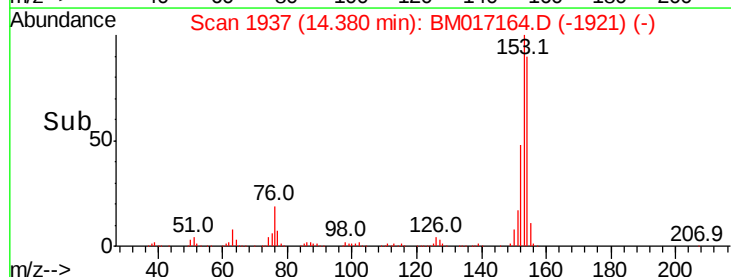
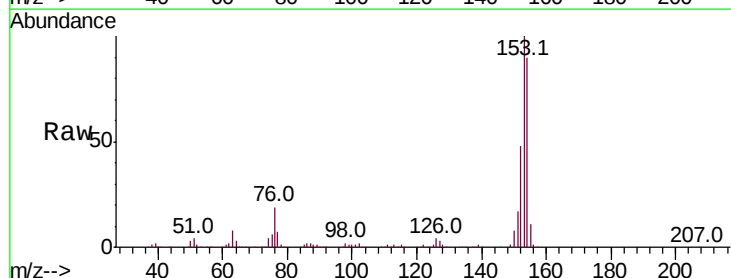
Manual Integrations
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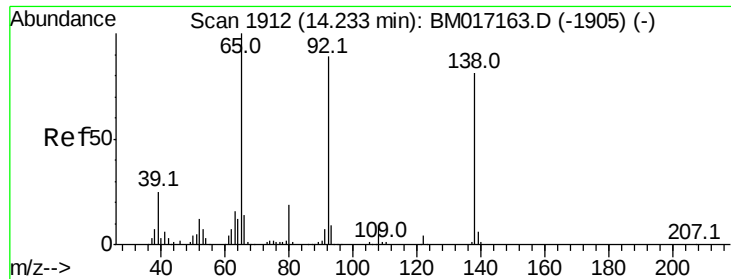
Sohil
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#52
Acenaphthene
Concen: 49.141 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.2	135.2
152	52.9	44.2	66.4





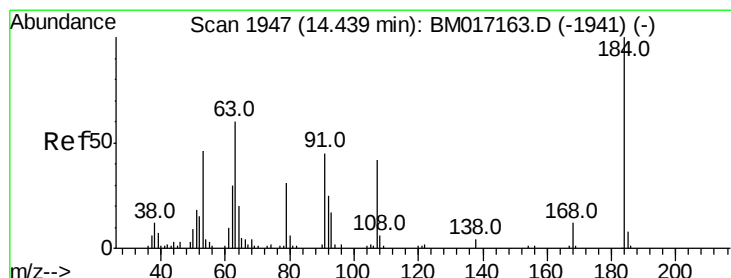
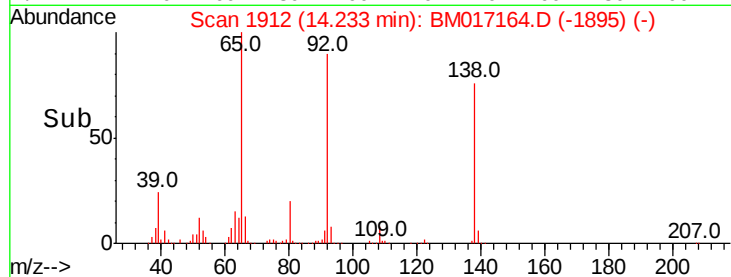
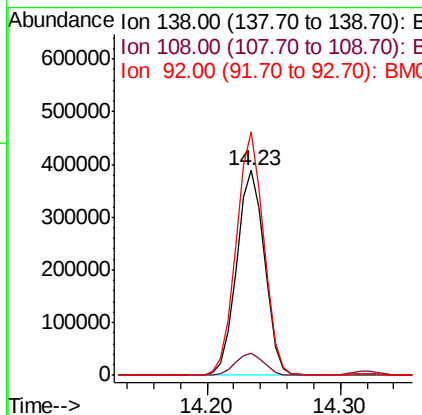
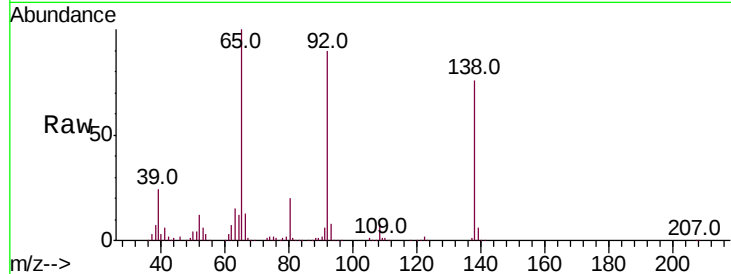
#53
3-Nitroaniline
Concen: 56.289 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	118.9	87.9	131.9

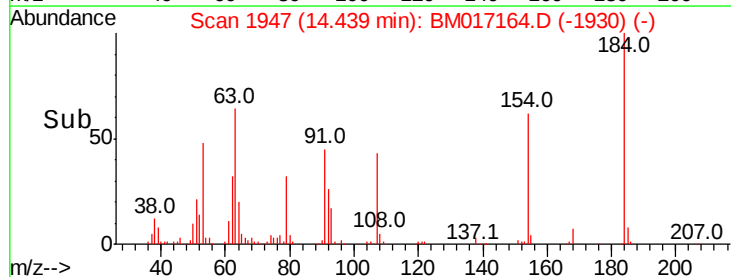
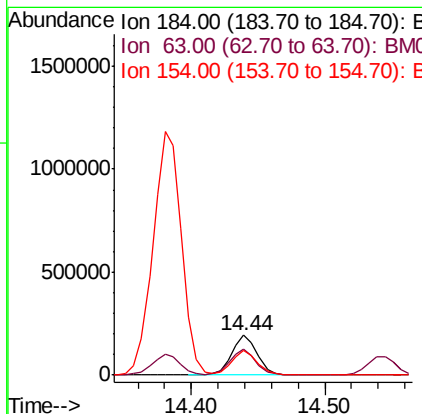
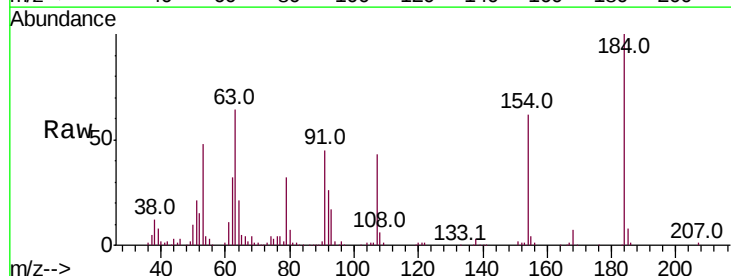
Manual Integrations
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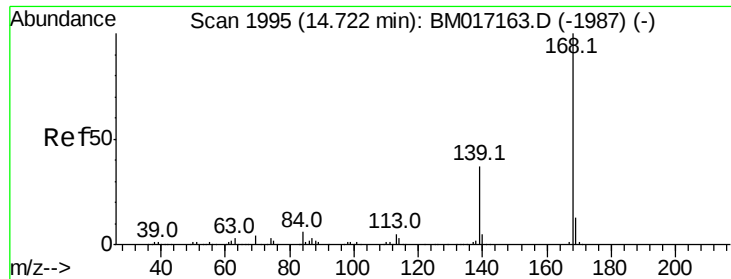
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#54
2,4-Dinitrophenol
Concen: 57.903 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	51.2	76.8
154	62.0	47.8	71.8





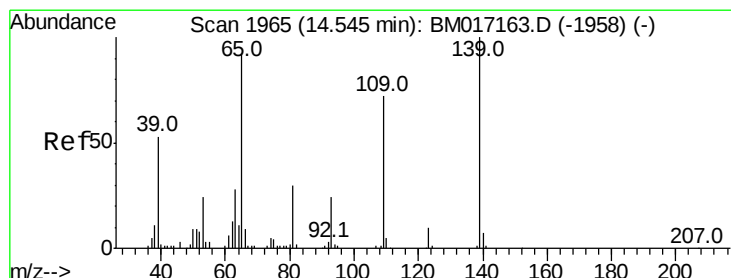
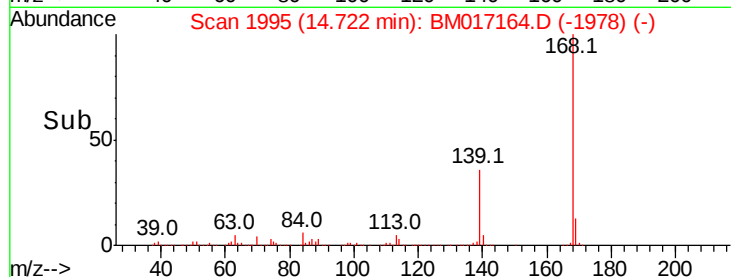
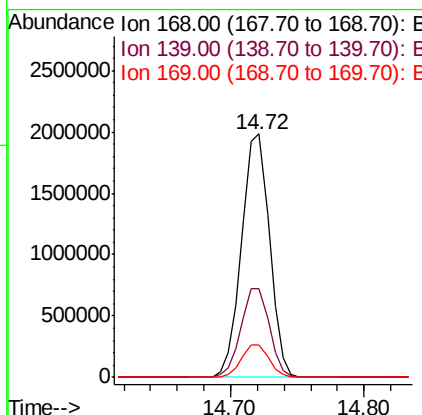
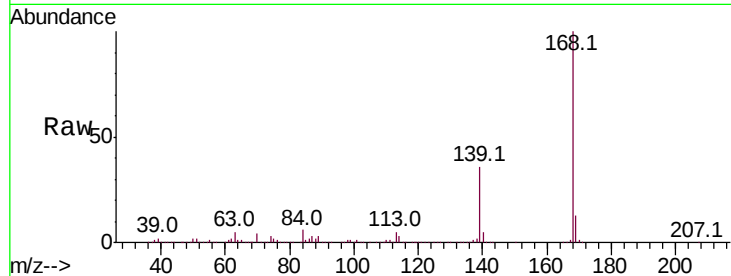
#55
Dibenzofuran
Concen: 47.858 ng
RT: 14.72 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:168 Resp: 2867807
Ion Ratio Lower Upper
168 100
139 36.5 29.3 43.9
169 13.3 10.6 15.8

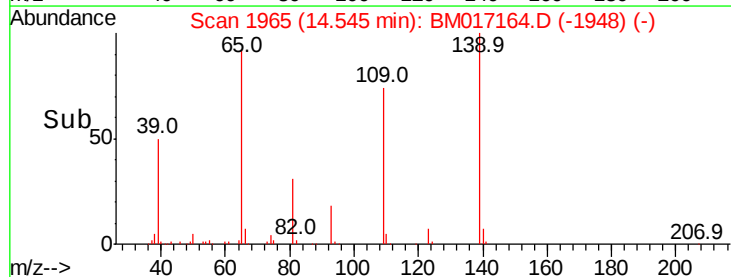
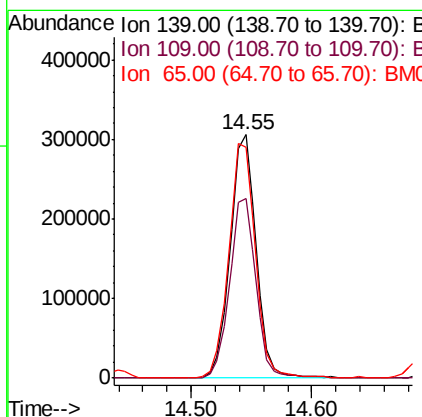
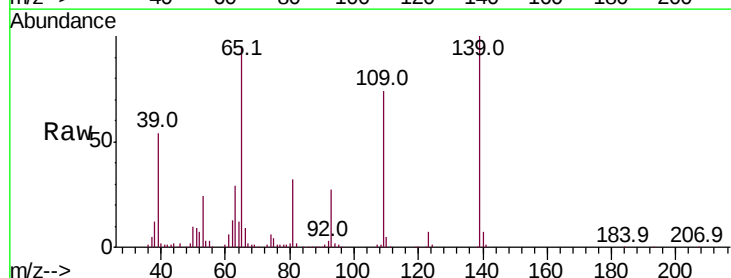
Manual Integrations
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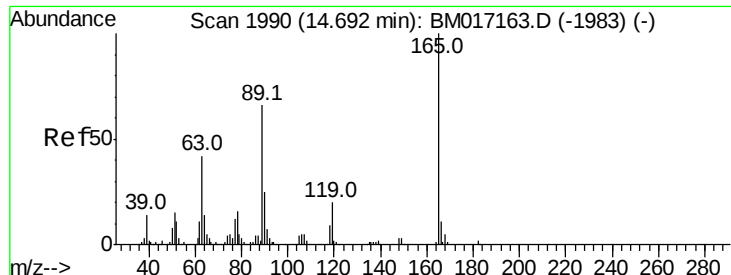
Sohil
10/18/2018 1:58:29 PM



#56
4-Nitrophenol
Concen: 54.398 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion:139 Resp: 457677
Ion Ratio Lower Upper
139 100
109 73.9 51.8 91.8
65 94.6 72.1 112.1





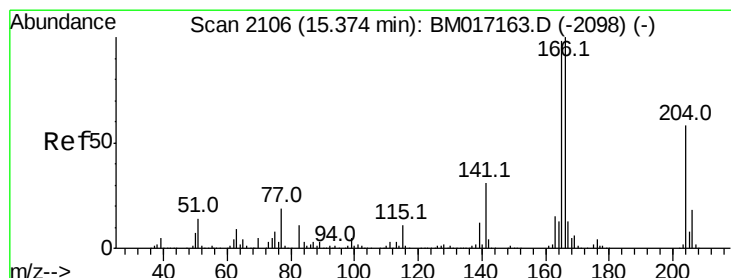
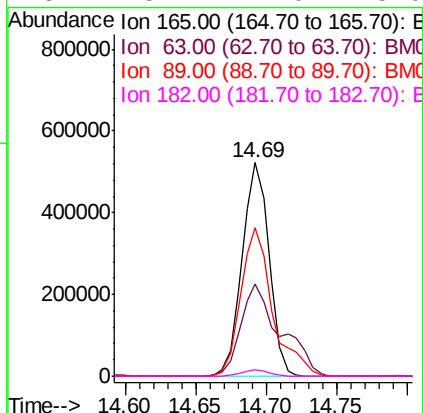
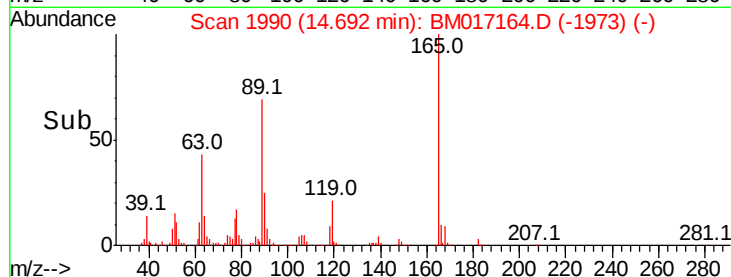
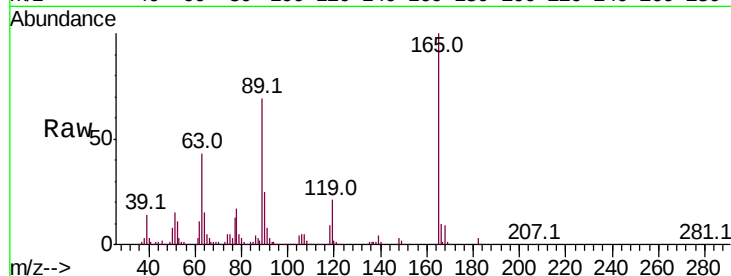
#57
 2,4-Dinitrotoluene
 Concen: 52.420 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	698707		
63	43.2		33.8	50.8
89	69.3		53.1	79.7
182	3.1		2.0	3.0#

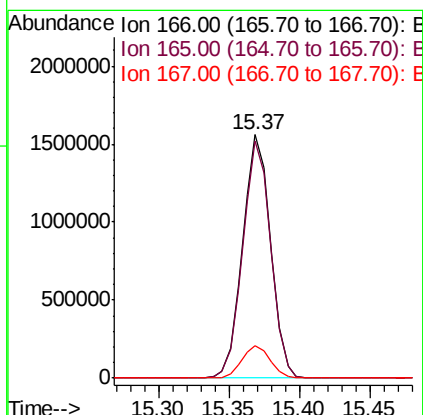
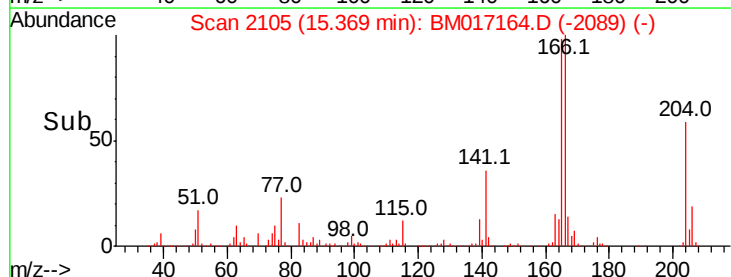
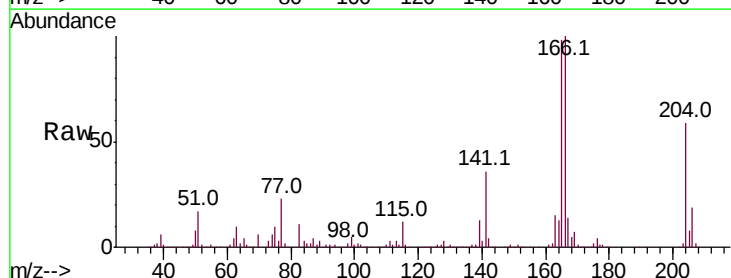
Manual Integrations
 APPROVED

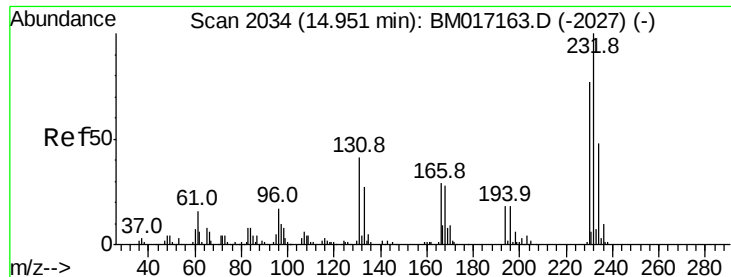
Sohil
 10/18/2018 1:58:29 PM



#58
 Fluorene
 Concen: 48.855 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2163199		
165	97.7		78.1	117.1
167	13.6		10.6	16.0





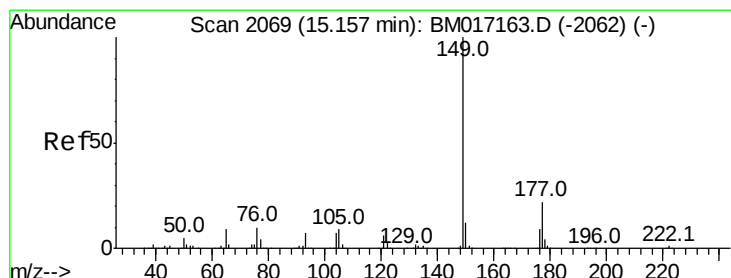
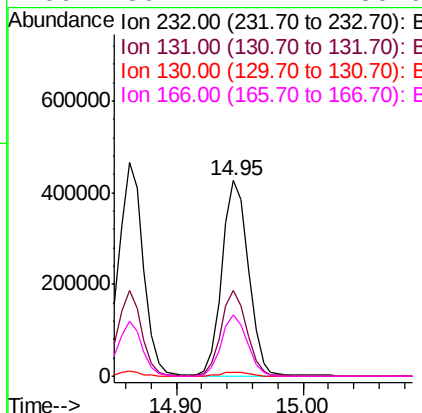
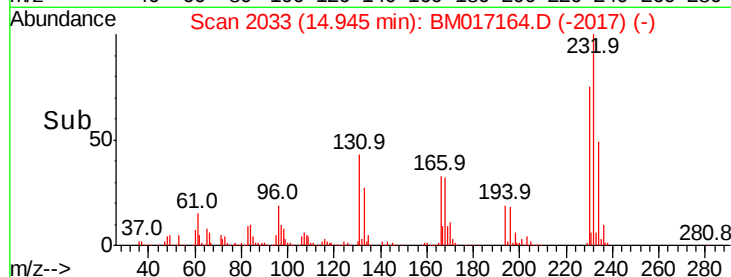
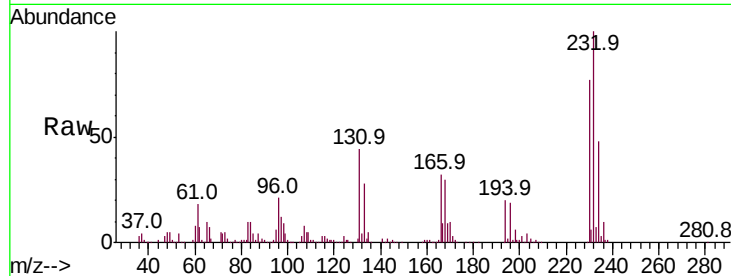
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.734 ng
RT: 14.95 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
232	100	615350		
131	43.0	33.1	49.7	
130	2.2	1.7	2.5	
166	30.7	24.4	36.6	

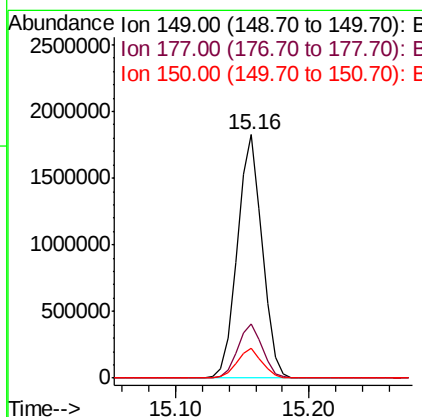
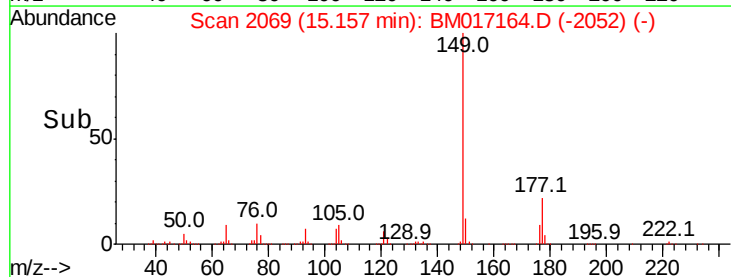
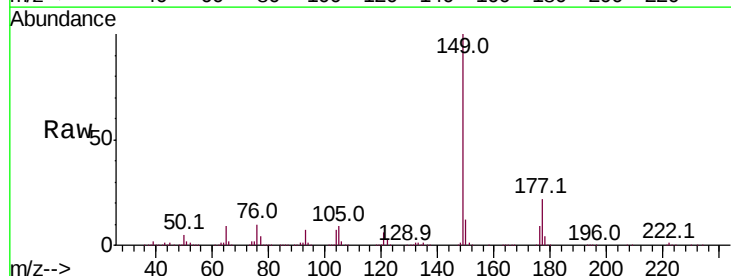
Manual Integrations
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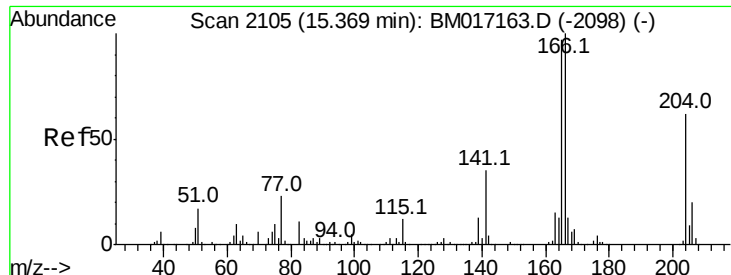
Sohil
10/18/2018 1:58:29 PM



#60
Diethylphthalate
Concen: 51.654 ng
RT: 15.16 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2340621		
177	22.4	17.7	26.5	
150	12.4	10.0	15.0	





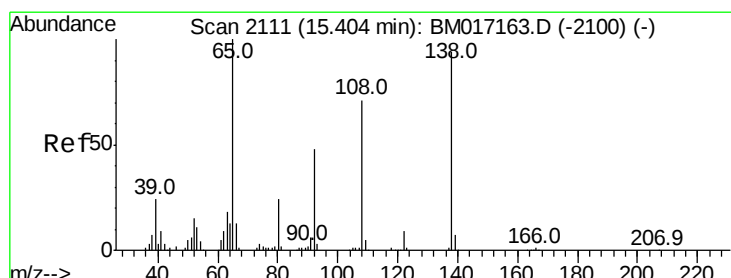
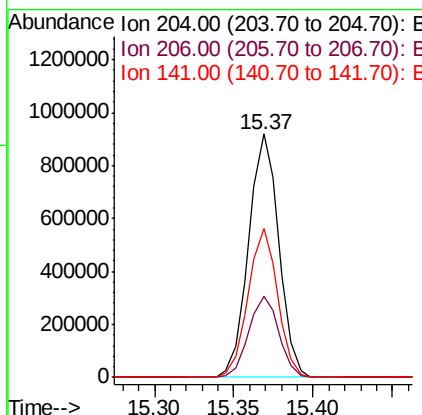
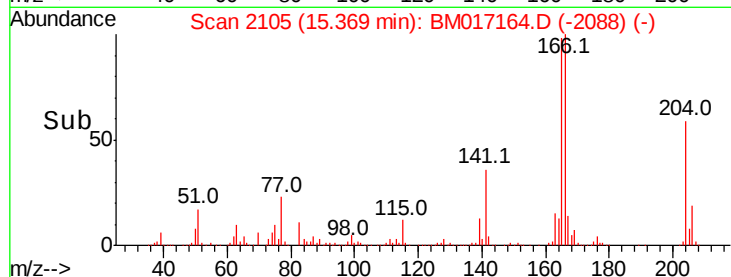
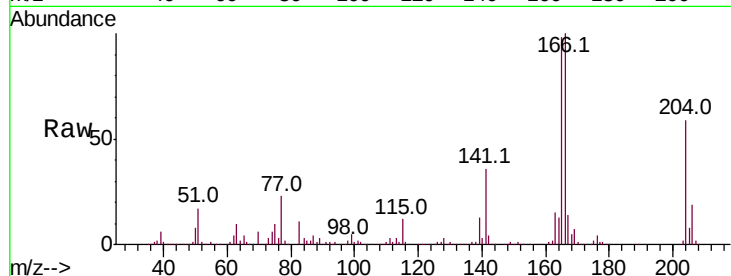
#61
4-Chlorophenyl-phenylether
Concen: 47.355 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:204 Resp: 1216238
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 61.0 45.4 68.2

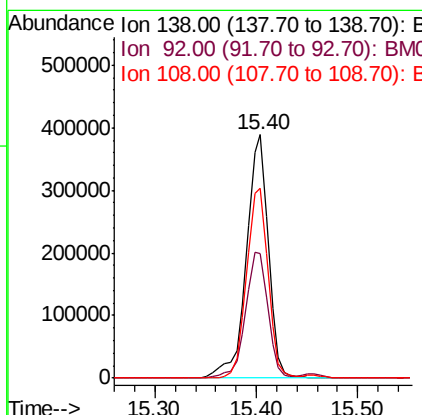
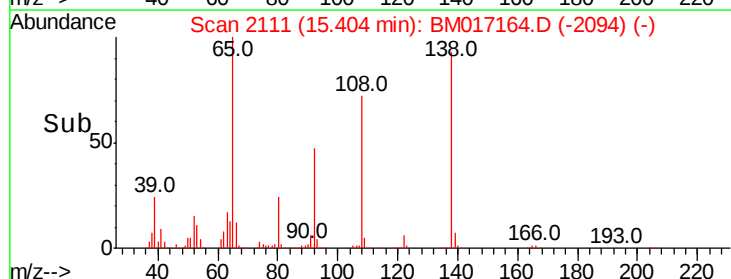
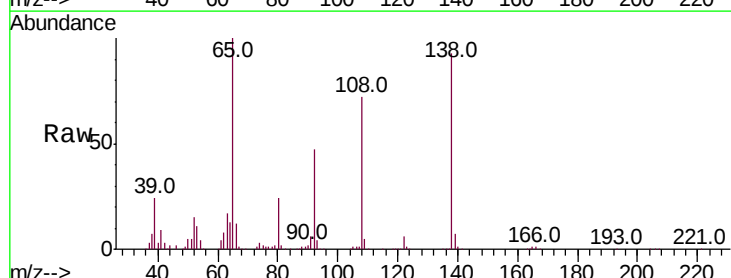
Manual Integrations
APPROVED

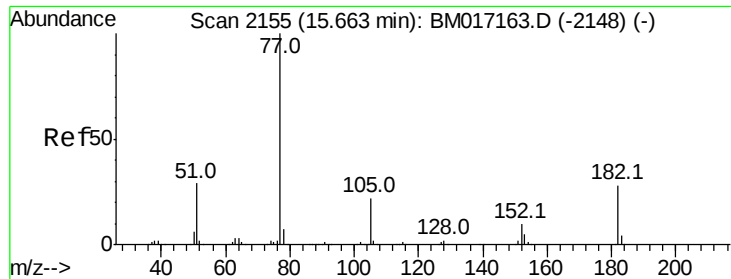
Sohil
10/18/2018 1:58:29 PM



#62
4-Nitroaniline
Concen: 57.854 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion:138 Resp: 585844
Ion Ratio Lower Upper
138 100
92 51.1 31.2 71.2
108 78.1 55.5 95.5





#63

Azobenzene

Concen: 52.738 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 2248098

Ion Ratio Lower Upper

77 100

182 27.2 8.3 48.3

105 21.1 1.5 41.5

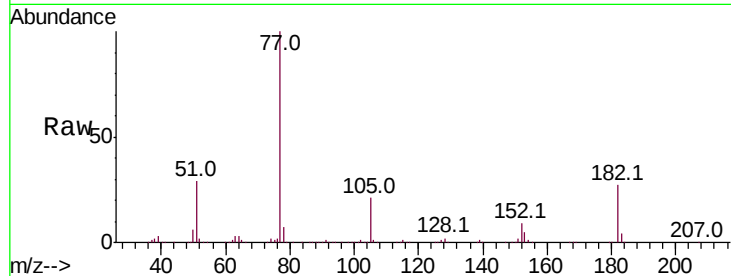
51 28.9 8.8 48.8

Manual Integrations

APPROVED

Sohil

10/18/2018 1:58:29 PM



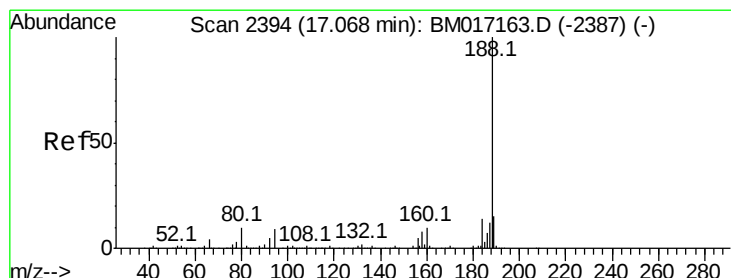
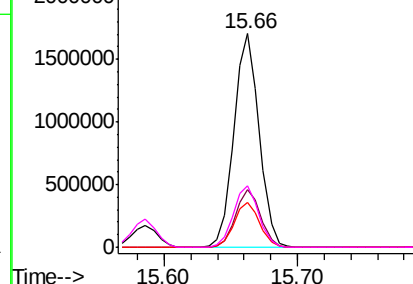
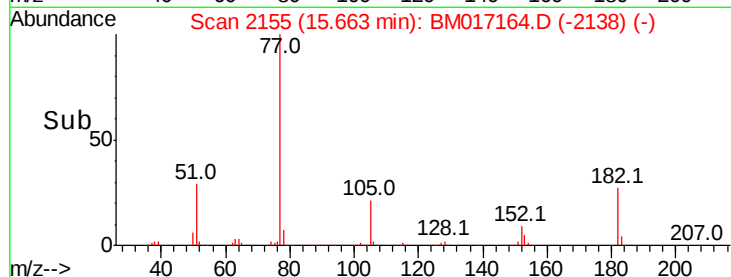
Abundance

Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

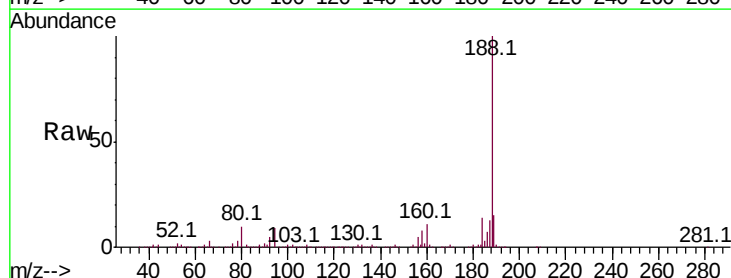
Tgt Ion: 188 Resp: 1327697

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 10.4 7.7 11.5

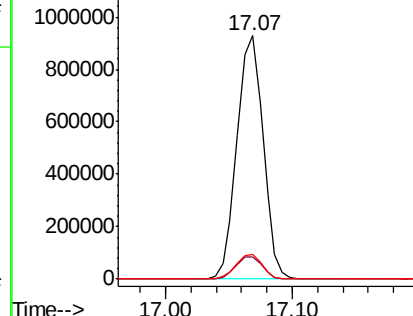
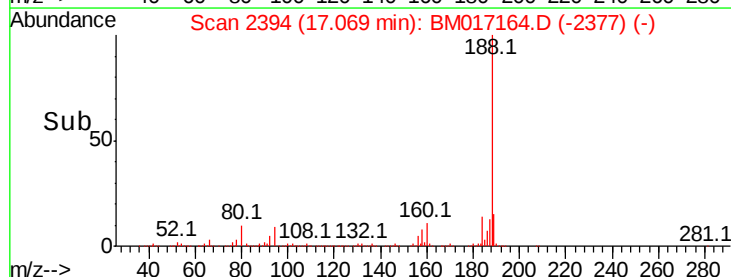


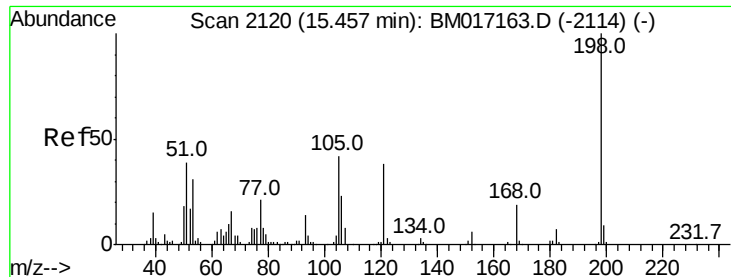
Abundance

Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)





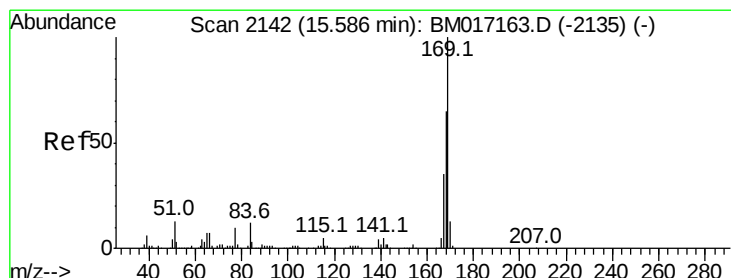
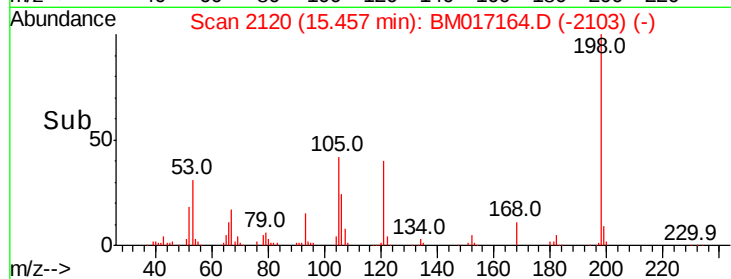
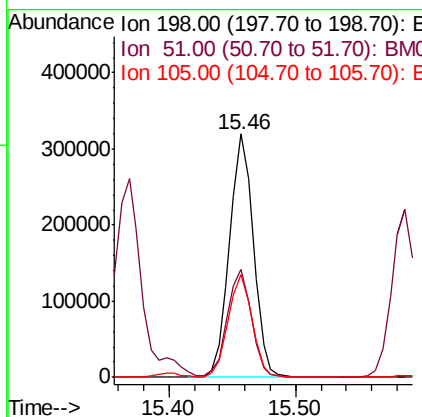
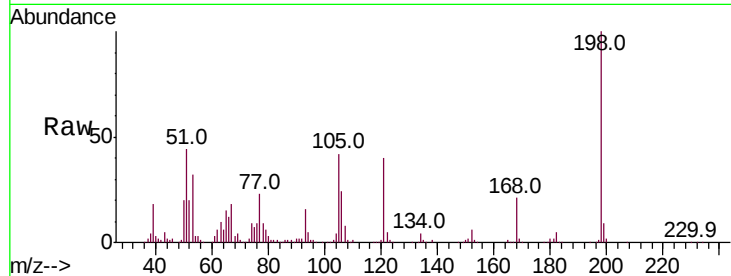
#65
4,6-Dinitro-2-methylphenol
Concen: 55.157 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.2	20.3	60.3
105	42.1	21.9	61.9

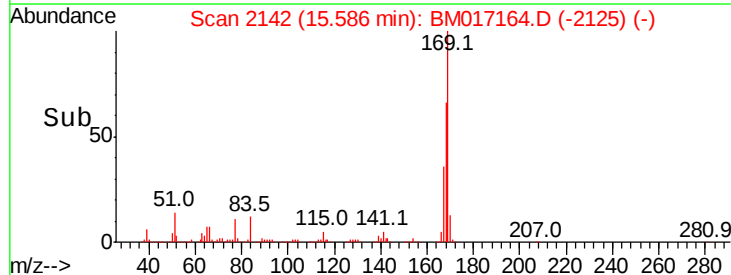
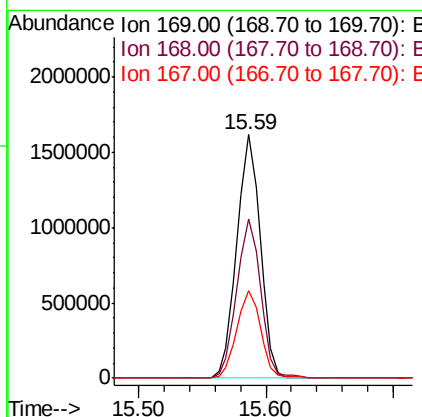
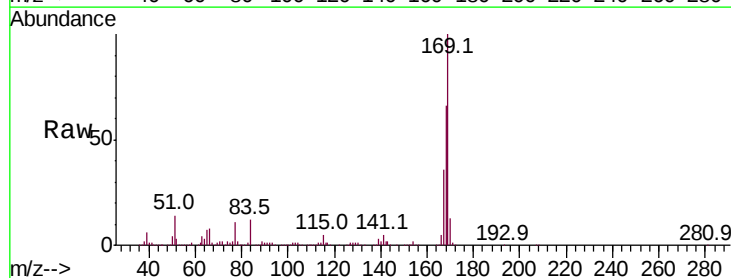
Manual Integrations
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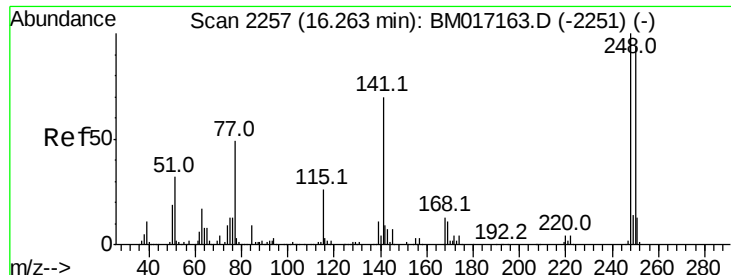
Sohil
10/18/2018 1:58:29 PM



#66
n-Nitrosodiphenylamine
Concen: 52.325 ng
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.2	78.4
167	35.9	28.4	42.6





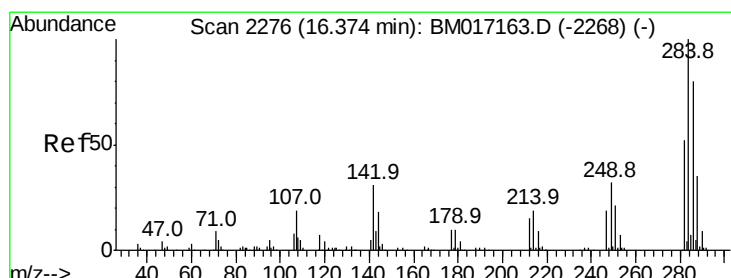
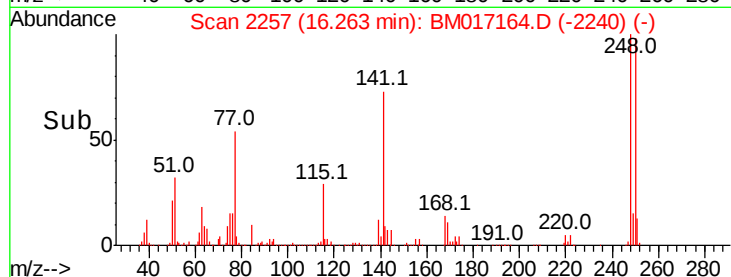
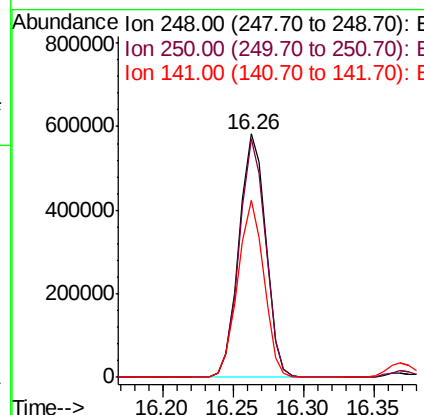
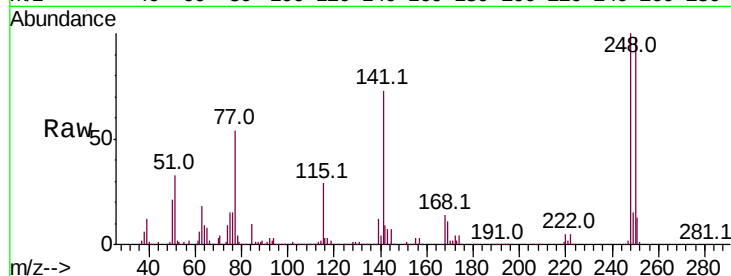
#67
4-Bromophenyl-phenylether
Concen: 51.532 ng
RT: 16.26 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.1	112.7
141	72.8	55.6	83.4

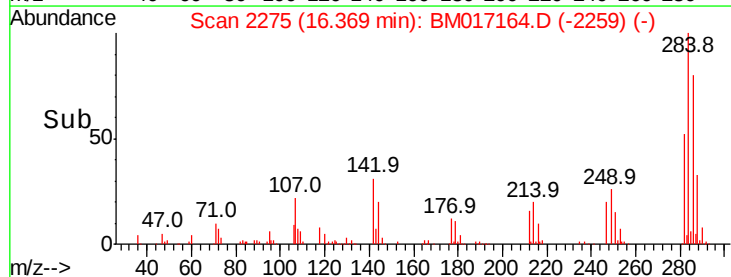
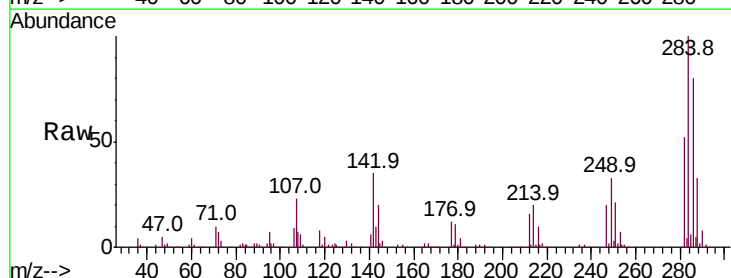
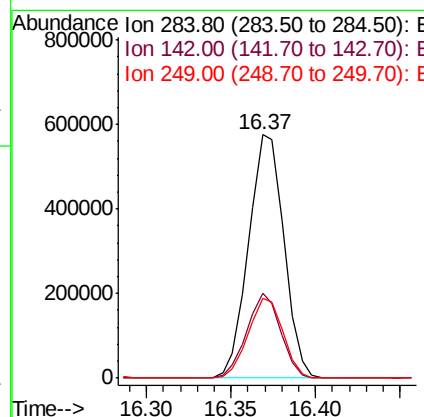
Manual Integrations
APPROVED

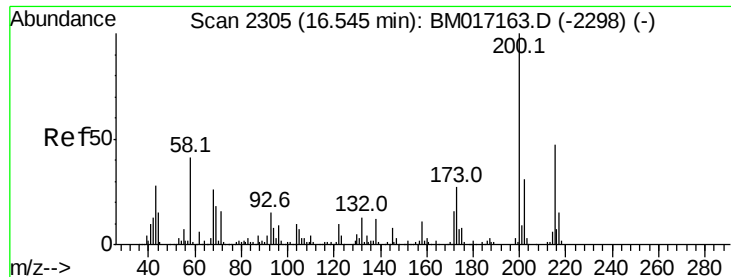
Sohil
10/18/2018 1:58:29 PM



#68
Hexachlorobenzene
Concen: 46.659 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	25.0	37.6
249	32.8	25.5	38.3





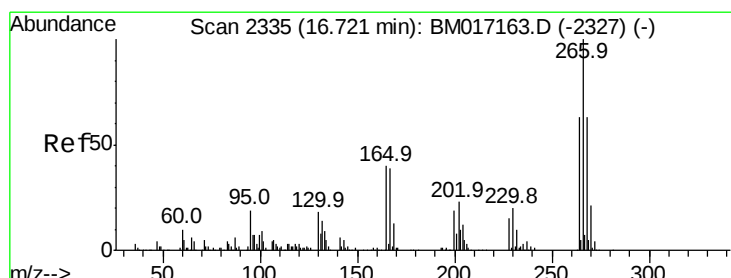
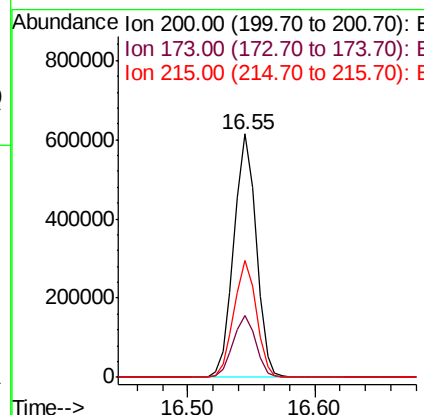
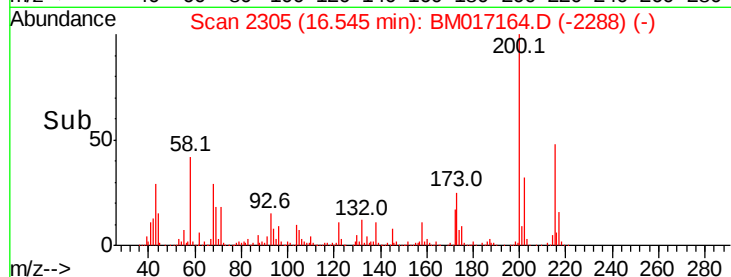
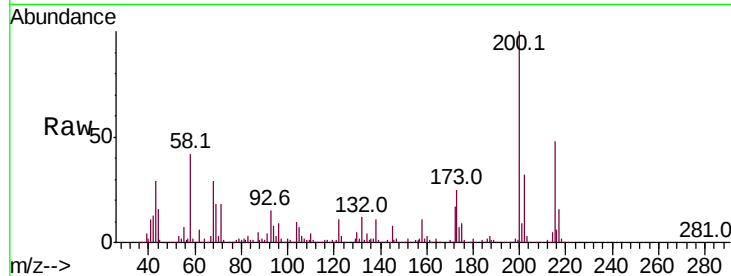
#69
Atrazine
Concen: 58.778 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.0	47.0
215	48.0	27.3	67.3

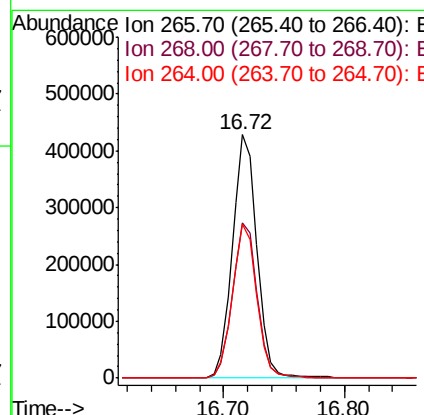
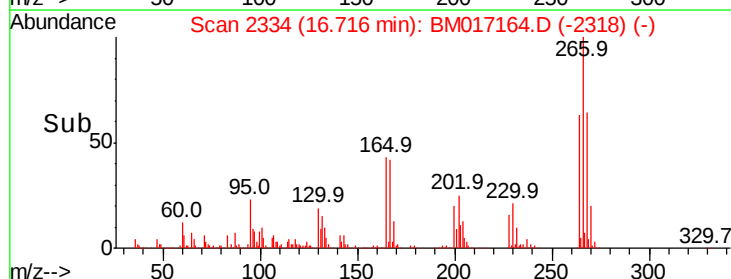
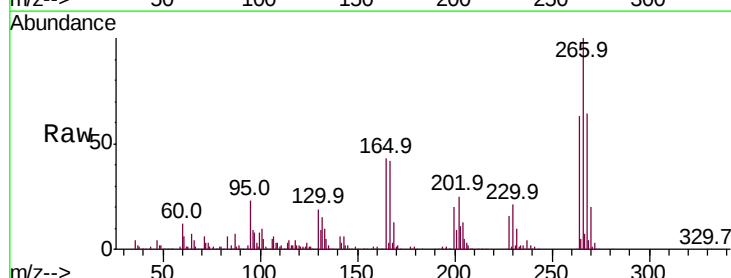
Manual Integrations
APPROVED

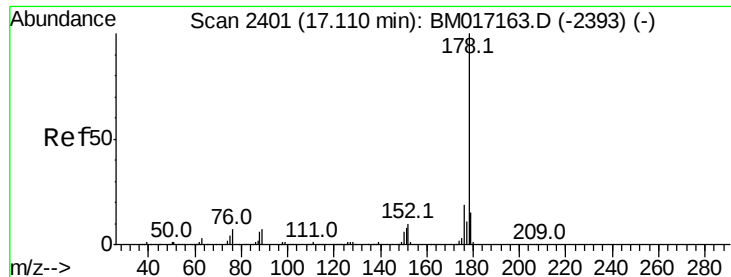
Sohil
10/18/2018 1:58:29 PM



#70
Pentachlorophenol
Concen: 50.565 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.7	76.1
264	63.1	50.4	75.6





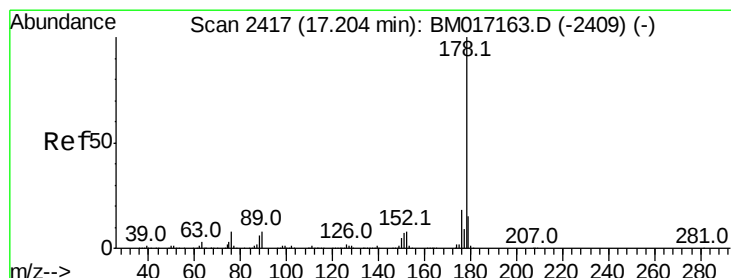
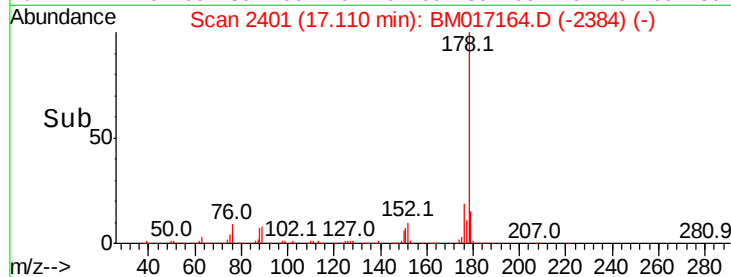
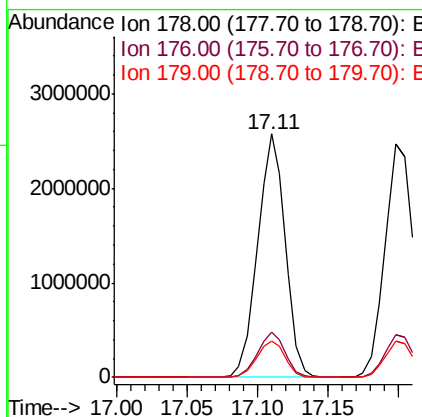
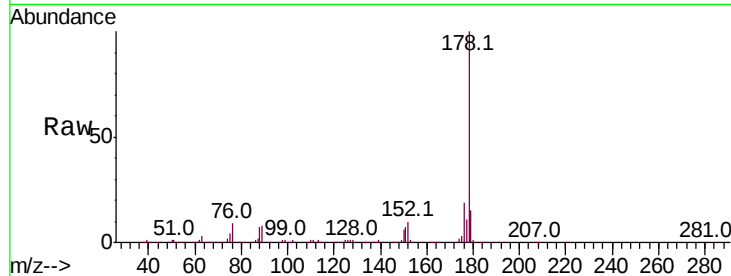
#71
Phenanthrene
Concen: 48.626 ng
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.0	12.3	18.5

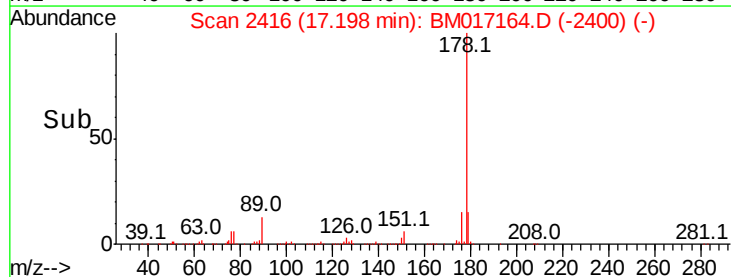
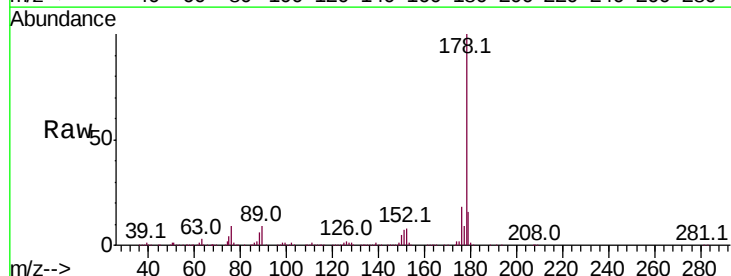
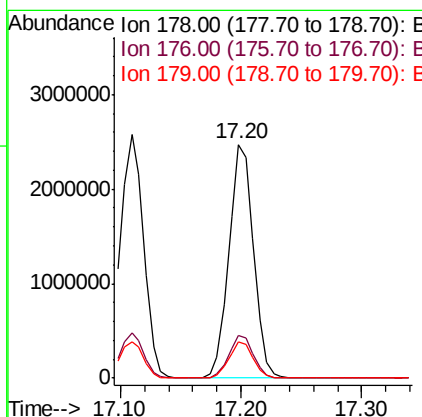
Manual Integrations
APPROVED

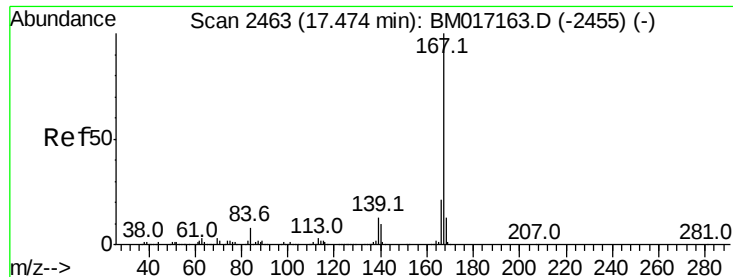
Sohil
10/18/2018 1:58:29 PM



#72
Anthracene
Concen: 51.543 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.7	12.2	18.2





#73

Carbazole

Concen: 51.902 ng

RT: 17.47 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tot Ion:167 Resp: 3589425

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

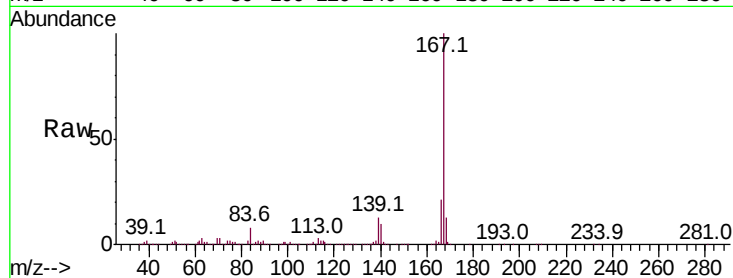
139 12.7 10.1 15.1

Manual Integrations

APPROVED

Sohil

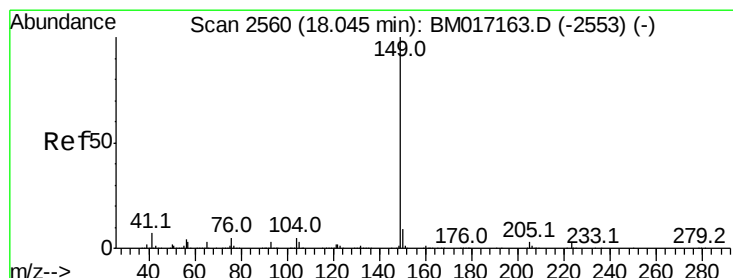
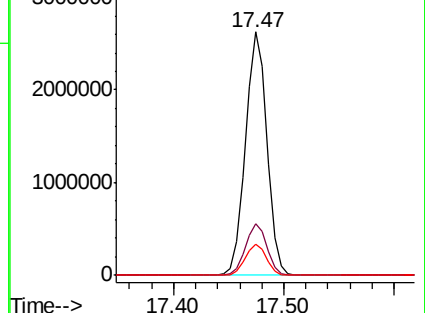
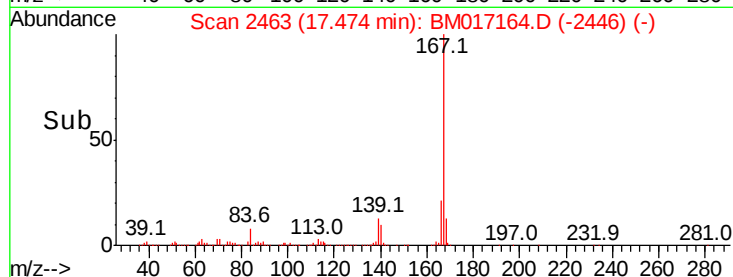
10/18/2018 1:58:29 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 56.004 ng

RT: 18.04 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

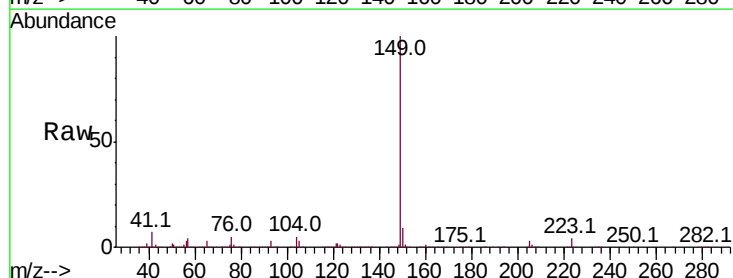
Tgt Ion:149 Resp: 3862387

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

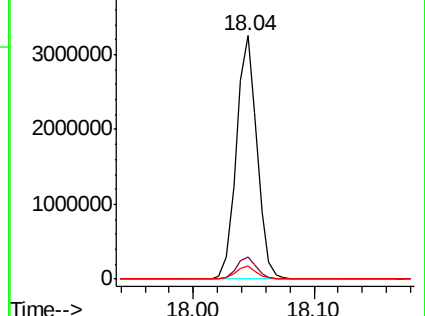
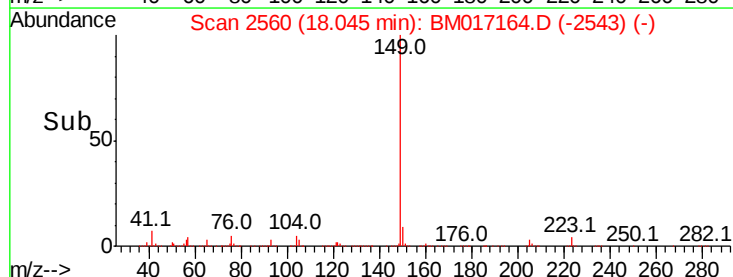
104 5.2 4.3 6.5

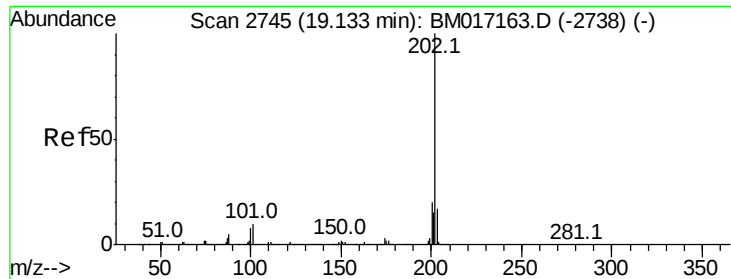


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





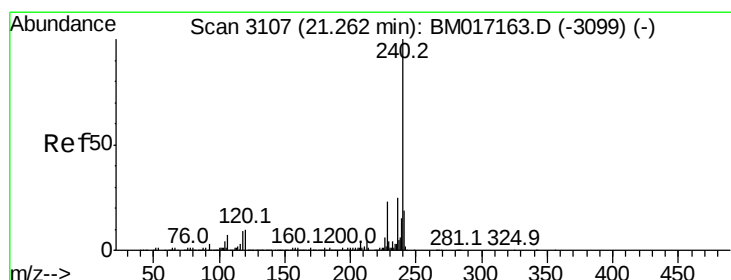
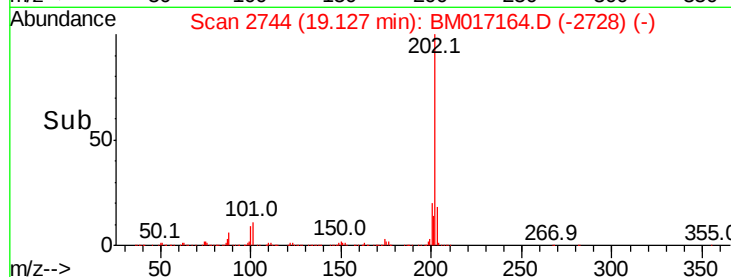
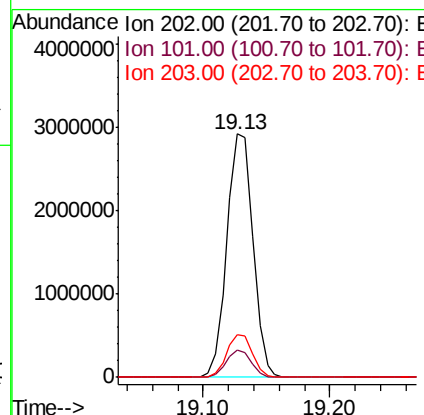
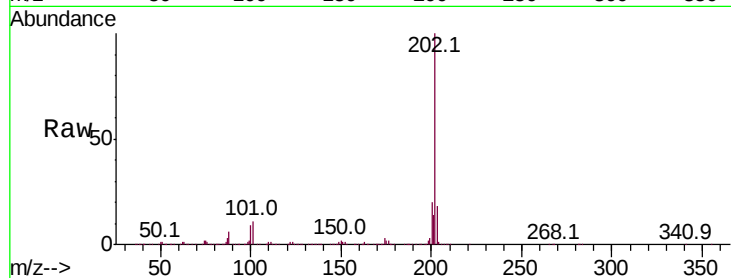
#75
 Fluoranthene
 Concen: 50.856 ng
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.0
203	17.7	0.0	37.2

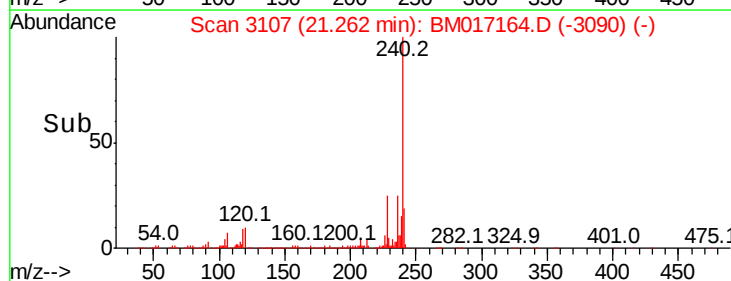
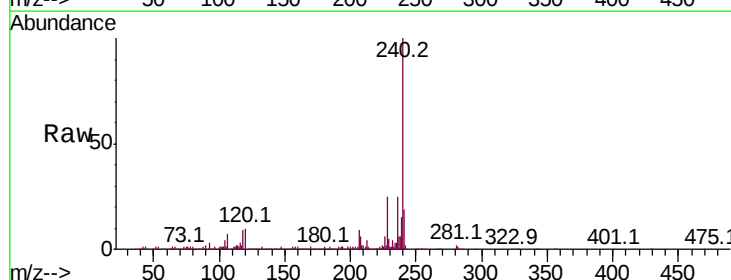
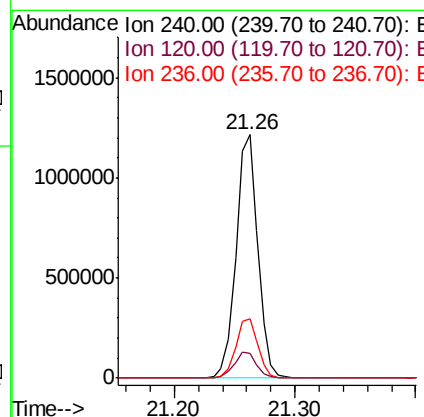
Manual Integrations
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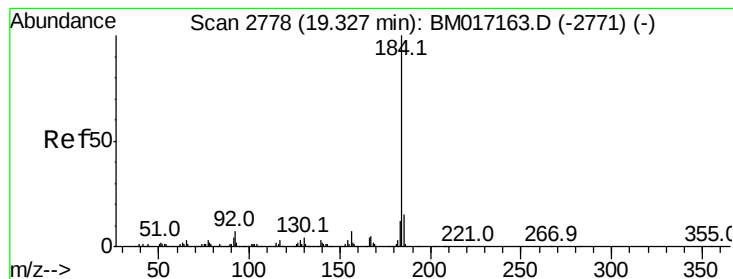
Sohil
 10/18/2018 1:58:29 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	24.5	19.9	29.9





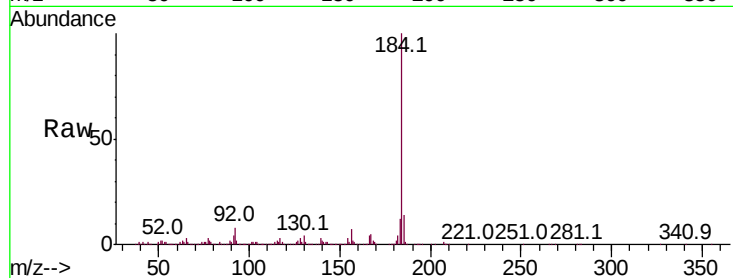
#77
Benzidine
Concen: 94.388 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	11.6	9.7	14.5

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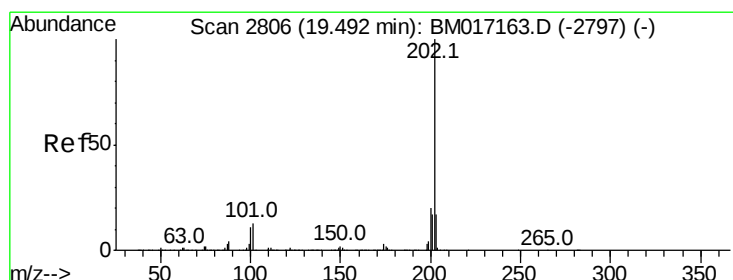
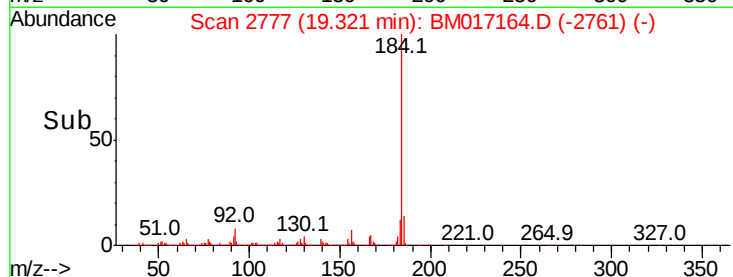
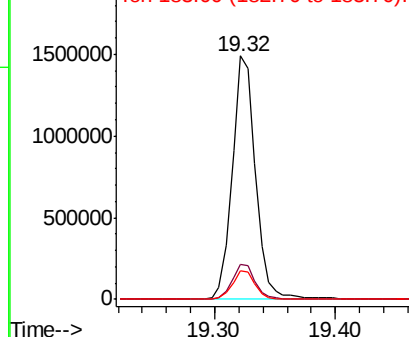


Abundance

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: 54.489 ng
RT: 19.49 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

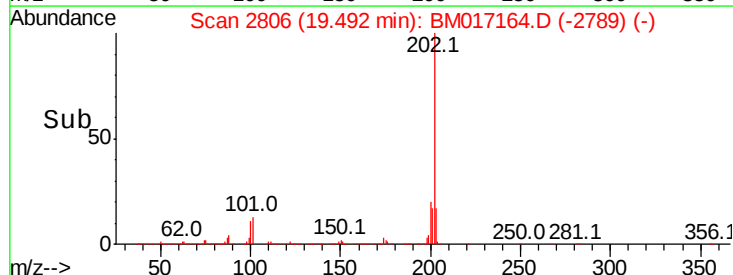
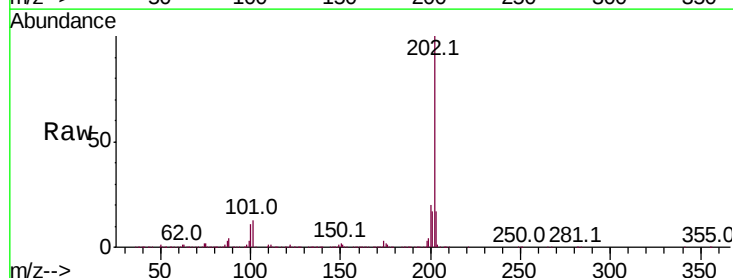
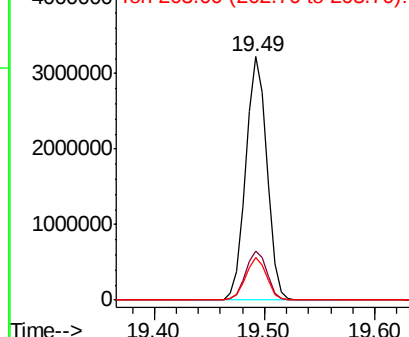
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.4	13.9	20.9

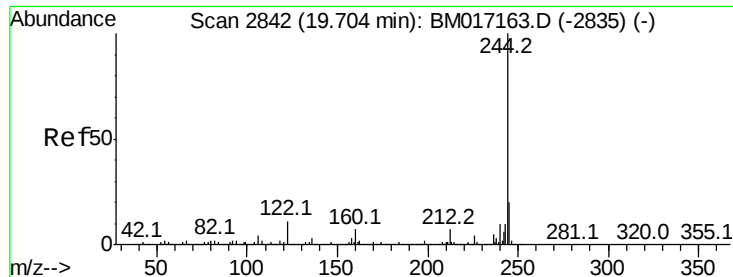
Abundance

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: 100.393 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

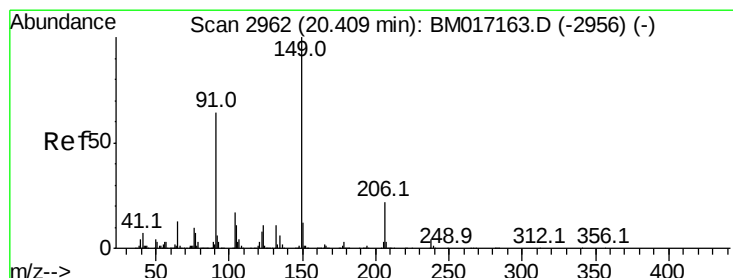
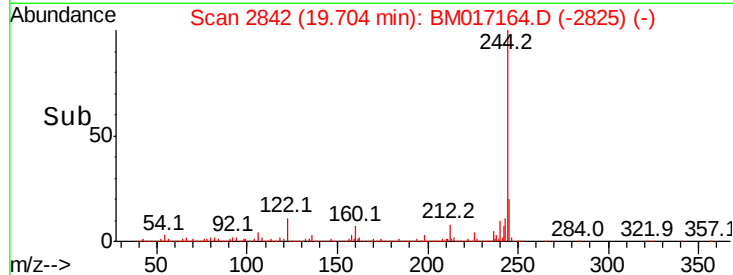
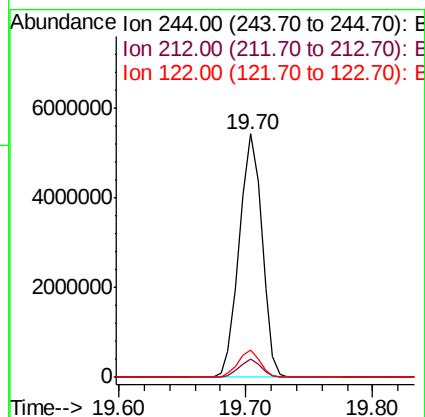
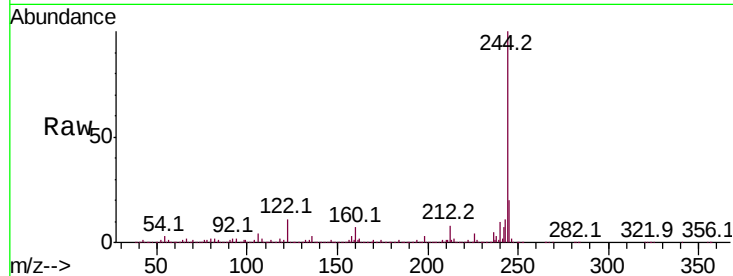
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion:244 Resp: 6734301

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	11.1	8.4	12.6

Manual Integrations
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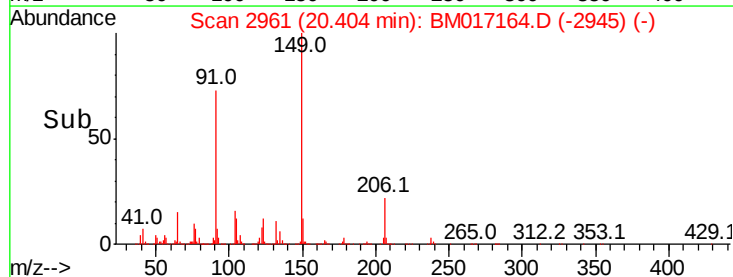
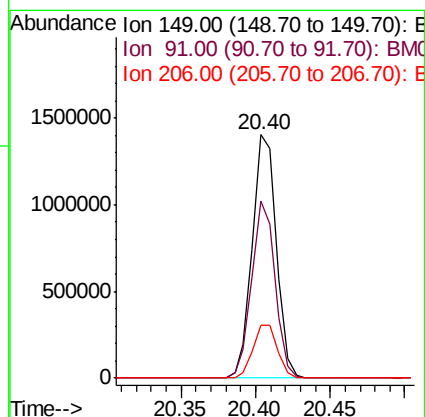
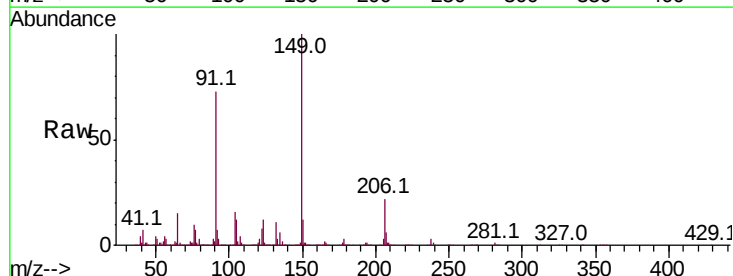
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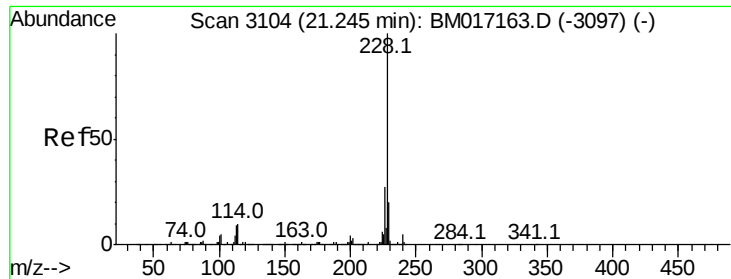


#80
 Butylbenzylphthalate
 Concen: 67.765 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM017164.D
 Acq: 17 Oct 2018 12:13

Tgt Ion:149 Resp: 1555745

Ion	Ratio	Lower	Upper
149	100		
91	72.9	51.3	76.9
206	21.7	18.0	27.0





#81

Benzo(a)anthracene

Concen: 50.054 ng

RT: 21.24 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 4293356

Ion Ratio Lower Upper

228 100

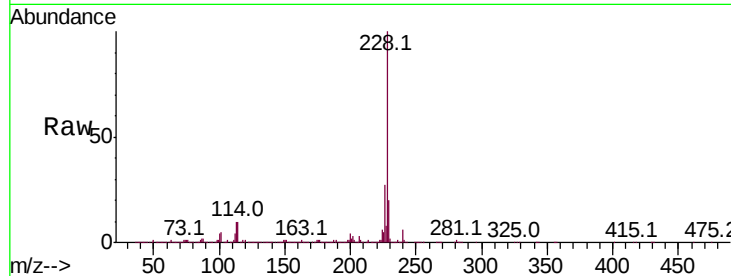
226 26.7 21.4 32.0

229 19.9 15.9 23.9

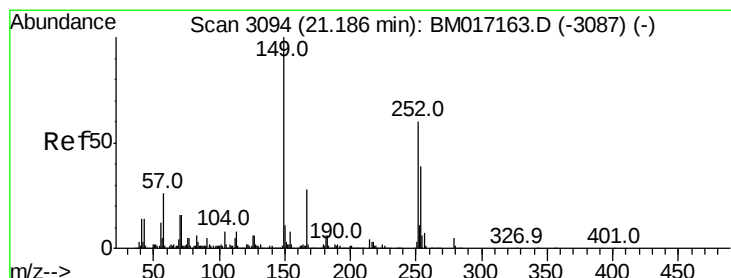
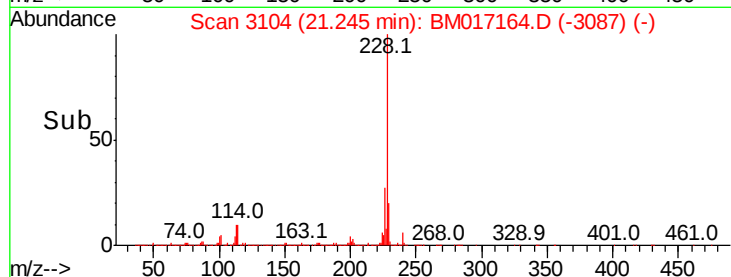
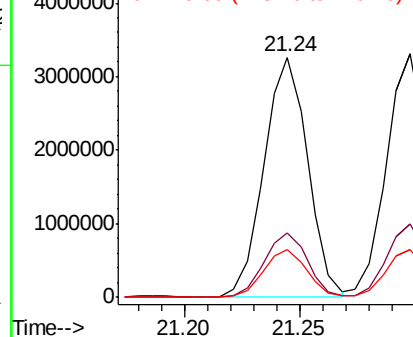
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 60.326 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Tgt Ion:252 Resp: 1646608

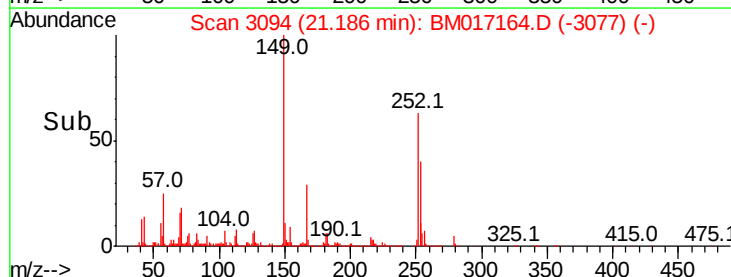
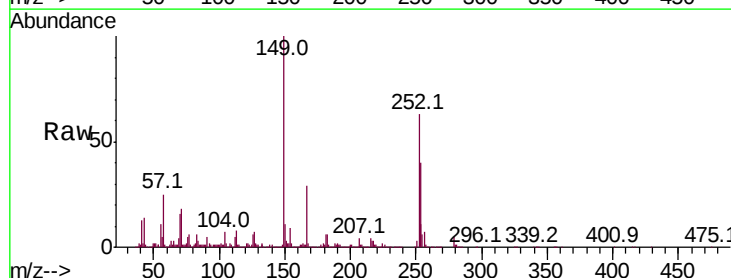
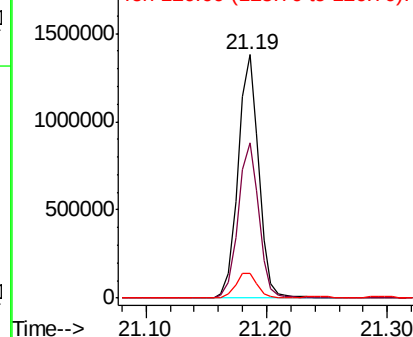
Ion Ratio Lower Upper

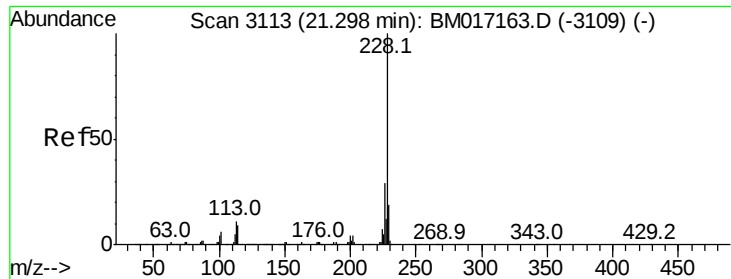
252 100

254 64.0 52.1 78.1

126 9.9 8.6 12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





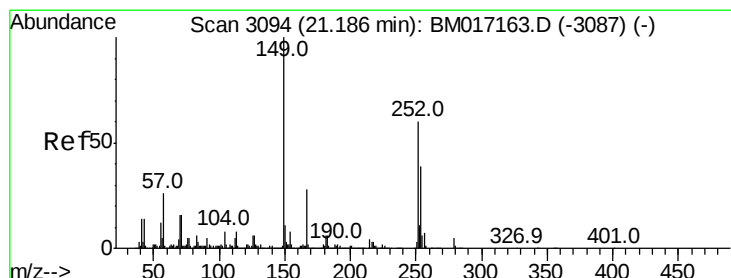
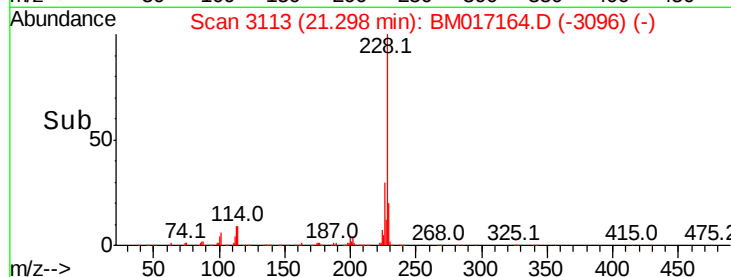
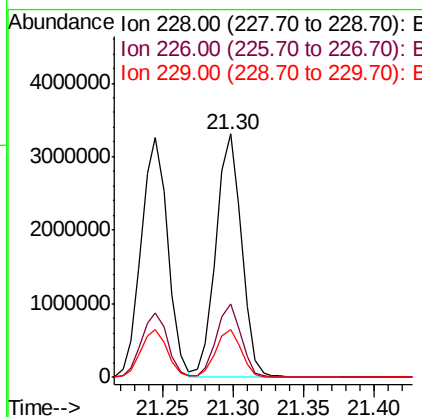
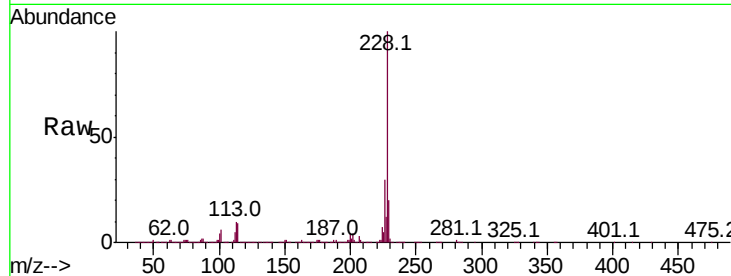
#83
Chrysene
Concen: 49.163 ng
RT: 21.30 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.6	15.6	23.4

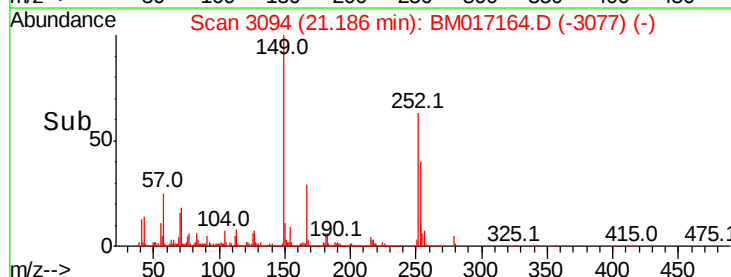
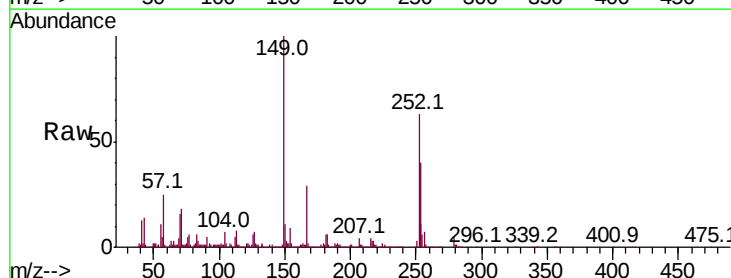
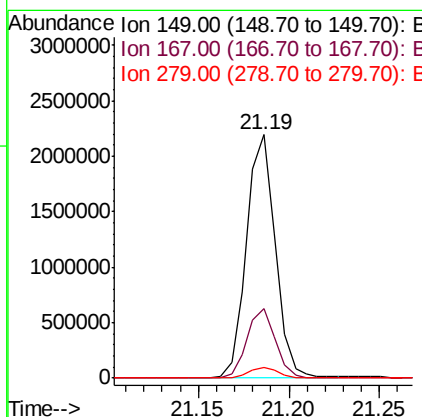
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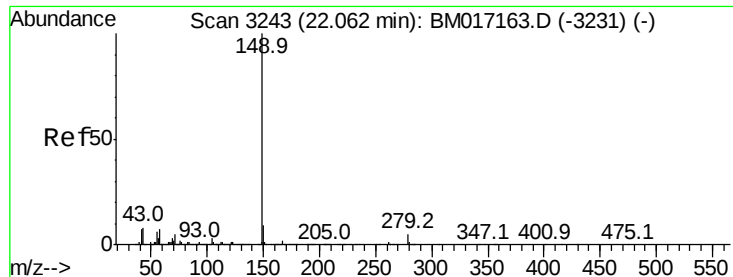
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 61.421 ng
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.4
279	4.6	3.6	5.4





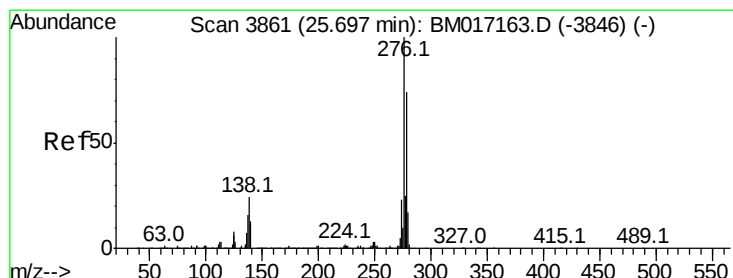
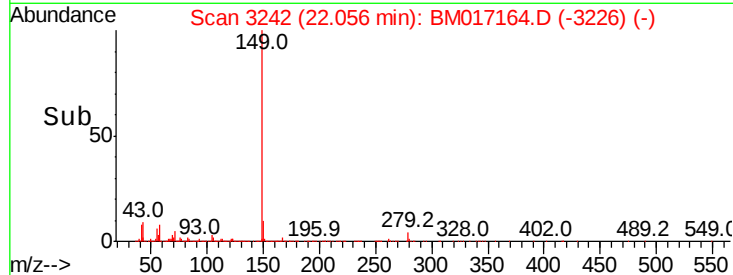
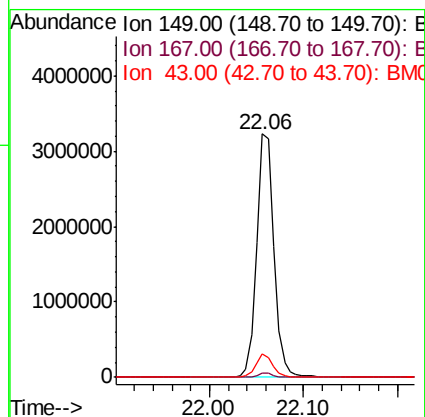
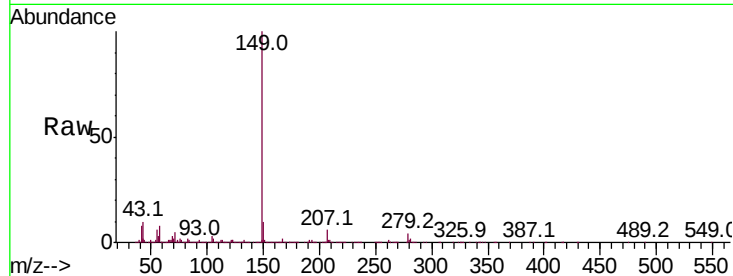
#85
Di-n-octyl phthalate
Concen: 60.722 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.3	7.2	10.8

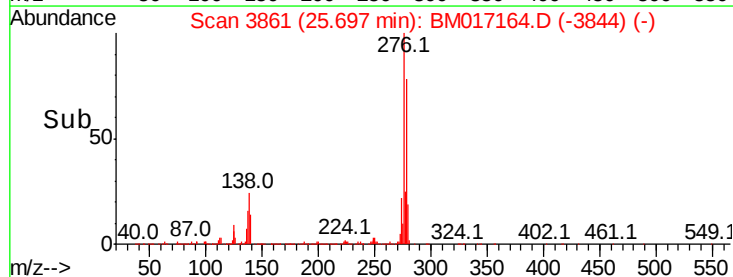
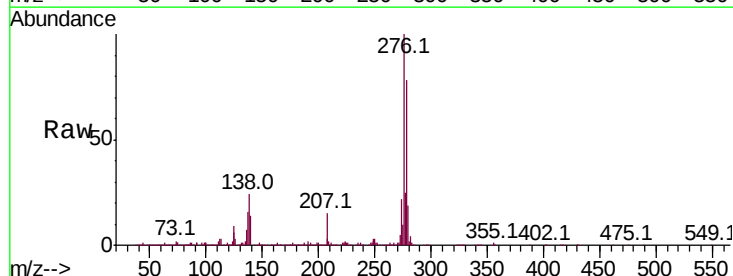
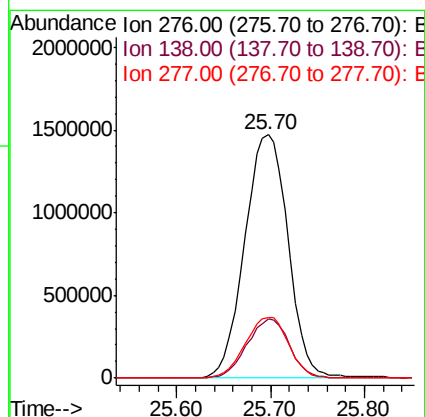
Manual Integrations
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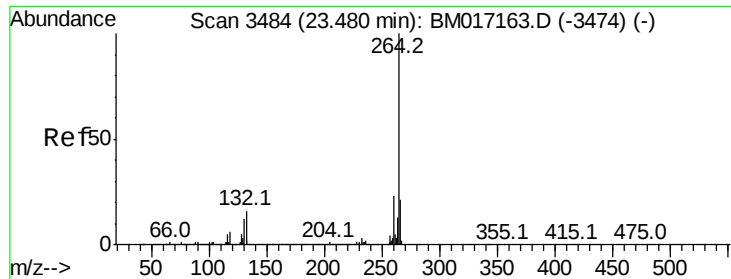
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.952 ng
RT: 25.70 min Scan# 3861
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.5	29.3
277	25.2	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.01 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:264 Resp: 1526947

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

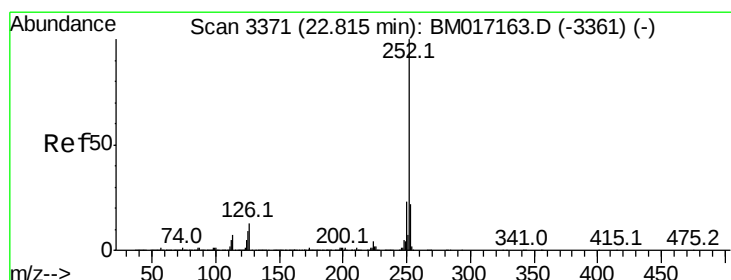
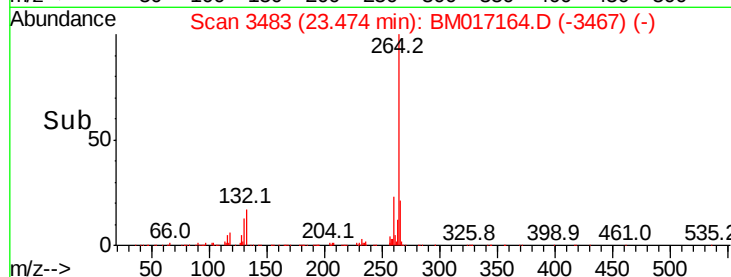
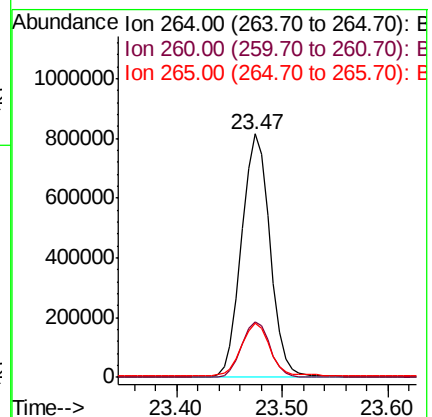
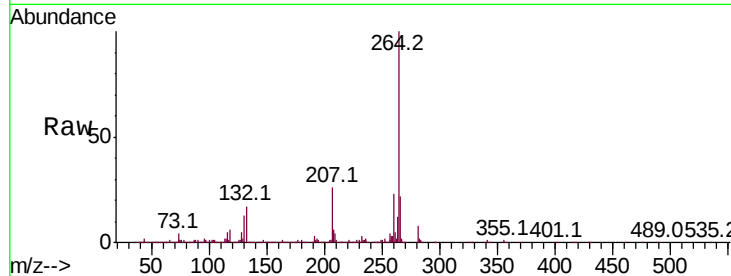
265 22.2 17.8 26.8

Manual Integrations

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#88

Benzo(b)fluoranthene

Concen: 49.052 ng

RT: 22.82 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BM017164.D

Acq: 17 Oct 2018 12:13

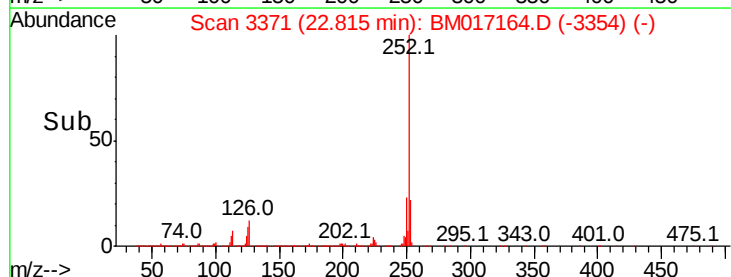
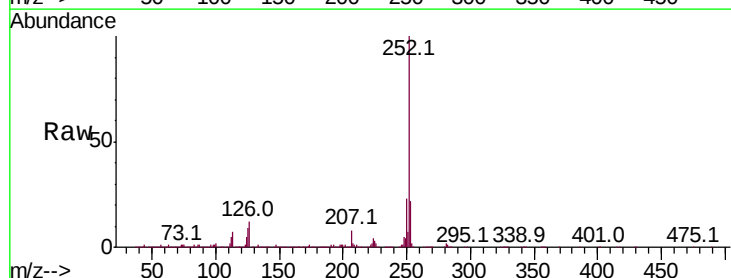
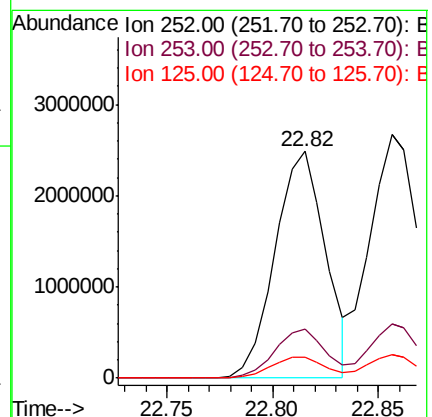
Tgt Ion:252 Resp: 4128966

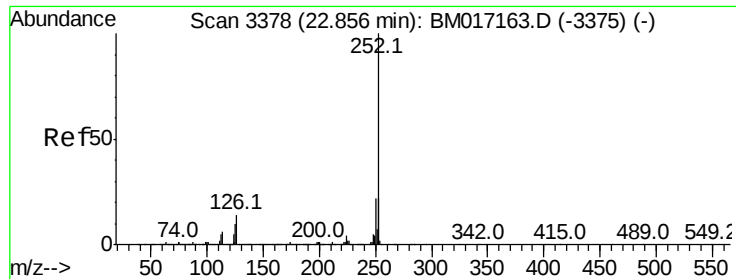
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.3 7.5 11.3





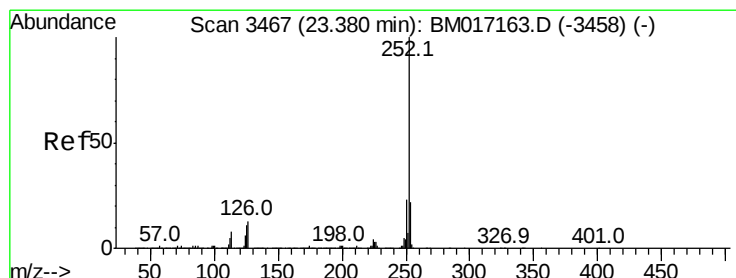
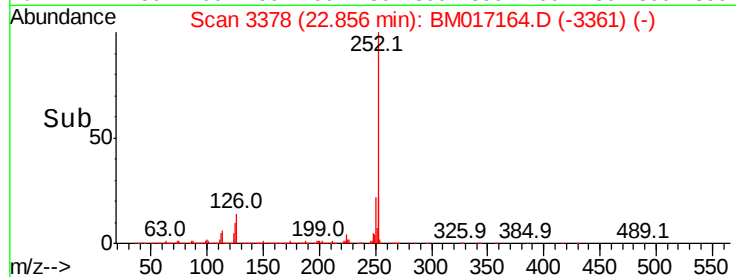
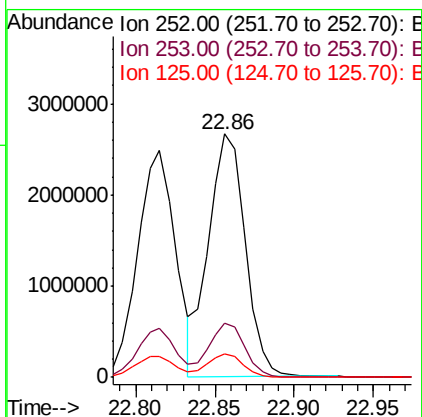
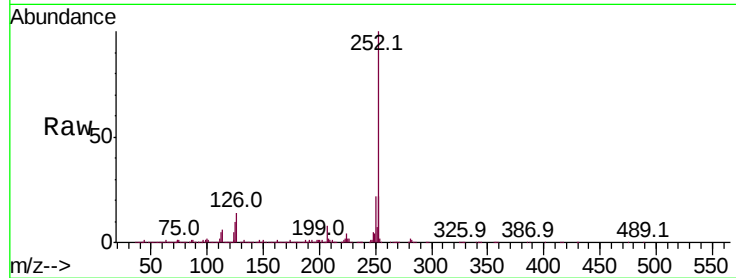
#89
Benzo(k)fluoranthene
Concen: 50.694 ng
RT: 22.86 min Scan# 3378
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.7	8.2	12.2

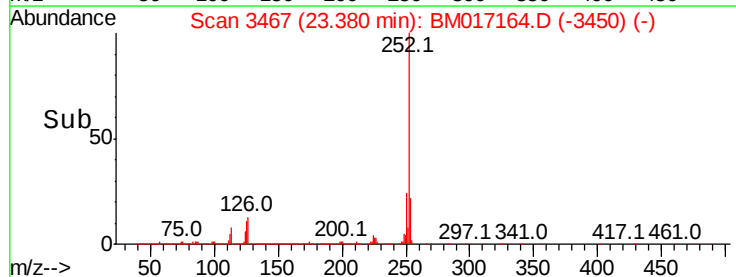
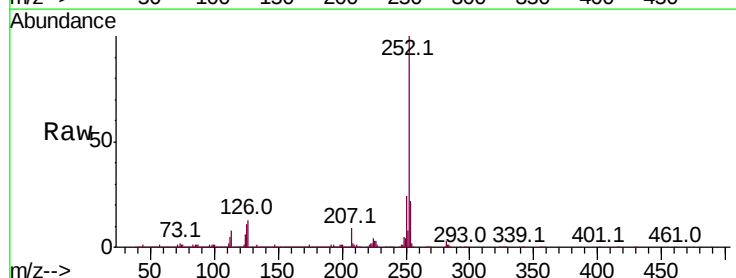
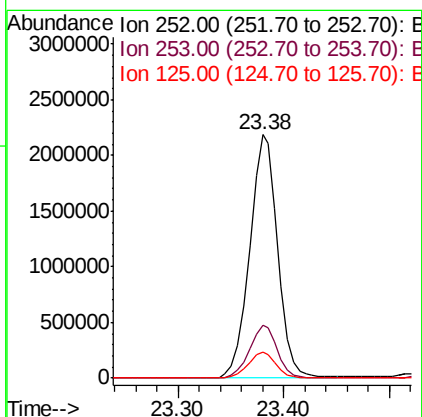
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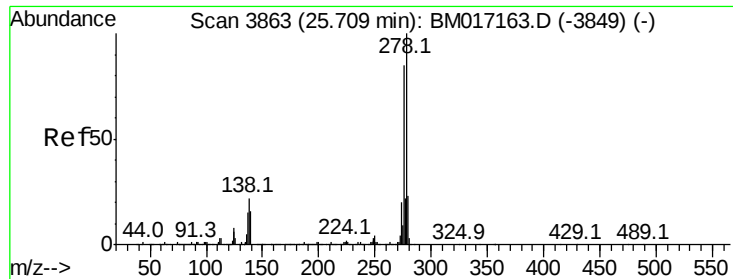
Sohil
10/18/2018 1:58:29 PM



#90
Benzo(a)pyrene
Concen: 49.765 ng
RT: 23.38 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.9	8.6	13.0





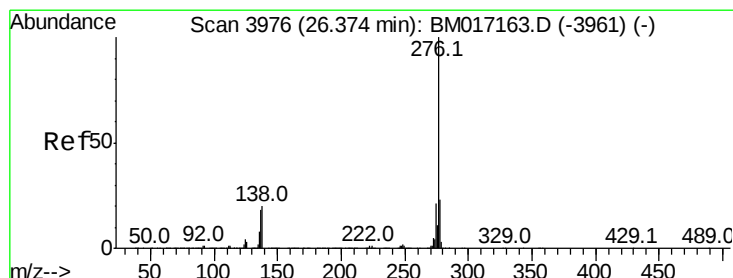
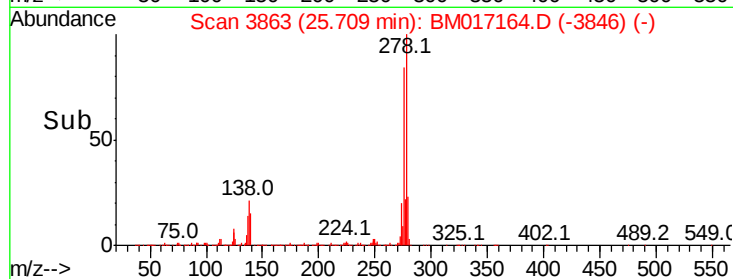
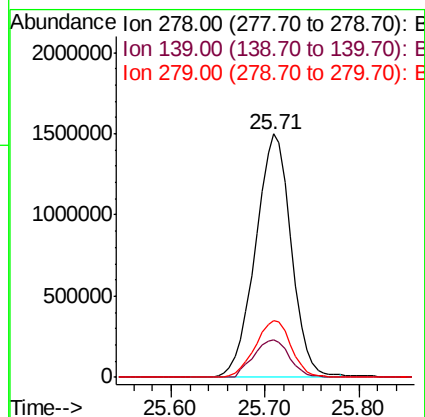
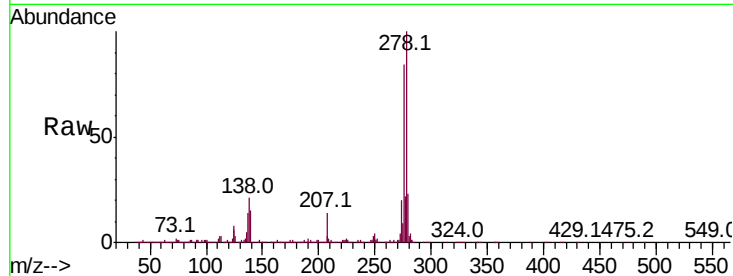
#91
Dibenzo(a,h)anthracene
Concen: 47.275 ng
RT: 25.71 min Scan# 3863
Delta R.T. 0.00 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	23.4	18.7	28.1

Manual Integrations
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Sohil
10/18/2018 1:58:29 PM



#92
Benzo(g,h,i)perylene
Concen: 47.187 ng
RT: 26.38 min Scan# 3977
Delta R.T. 0.01 min
Lab File: BM017164.D
Acq: 17 Oct 2018 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	20.6	16.4	24.6

