

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018609.D
 Acq On : 17 Jan 2019 12:06
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

Sohil
 1/18/2019 12:06:49 PM

Quant Time: Jan 18 04:50:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	229639	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1023823	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	653757	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1583937	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1834349	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1966291	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	937749	75.40	ng	-0.02
7) Phenol-d6	6.92	99	1333566	84.43	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1367027	77.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	769541	92.45	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3799128	75.83	ng	-0.02
79) Terphenyl-d14	19.77	244	6729360	77.33	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	167973	33.139	ng	94
3) Pyridine	3.67	79	499716	39.543	ng	98
4) n-Nitrosodimethylamine	3.59	42	188421	36.057	ng	# 92
6) Aniline	7.08	93	803807	45.619	ng	99
8) 2-Chlorophenol	7.30	128	591675	40.736	ng	96
9) Benzaldehyde	6.89	77	353539	38.464	ng	98
10) Phenol	6.94	94	663591	41.342	ng	98
11) bis(2-Chloroethyl)ether	7.17	93	522058	41.393	ng	96
12) 1,3-Dichlorobenzene	7.63	146	656851	37.973	ng	99
13) 1,4-Dichlorobenzene	7.77	146	668073	38.106	ng	99
14) 1,2-Dichlorobenzene	8.09	146	653610	39.317	ng	99
15) Benzyl Alcohol	7.99	79	538654	47.214	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	672340	41.714	ng	95
17) 2-Methylphenol	8.18	107	486590	44.660	ng	99
18) Hexachloroethane	8.80	117	238287	38.119	ng	95
19) n-Nitroso-di-n-propylamine	8.55	70	488222	47.495	ng	92
20) 3+4-Methylphenols	8.52	107	692782	46.060	ng	97
22) Acetophenone	8.57	105	993339	39.221	ng	# 97
24) Nitrobenzene	8.95	77	668293	38.458	ng	97
25) Isophorone	9.47	82	1172125	43.828	ng	98
26) 2-Nitrophenol	9.65	139	382364	45.506	ng	97
27) 2,4-Dimethylphenol	9.71	122	520160	41.301	ng	98
28) bis(2-Chloroethoxy)methane	9.95	93	758482	41.055	ng	99
29) 2,4-Dichlorophenol	10.18	162	643800	42.929	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	704108	37.826	ng	99
31) Naphthalene	10.58	128	1916834	38.875	ng	100
32) Benzoic acid	9.86	122	469641m	54.384	ng	
33) 4-Chloroaniline	10.70	127	913456	47.040	ng	98
34) Hexachlorobutadiene	10.85	225	444182	37.772	ng	99
35) Caprolactam	11.52	113	261362	51.260	ng	# 86
36) 4-Chloro-3-methylphenol	11.83	107	729852	46.388	ng	99
37) 2-Methylnaphthalene	12.20	142	1437842	41.273	ng	99
38) 1-Methylnaphthalene	12.42	142	1402653	41.612	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	852826	37.304	ng	98

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 BNA_M
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 SSTDCCC040

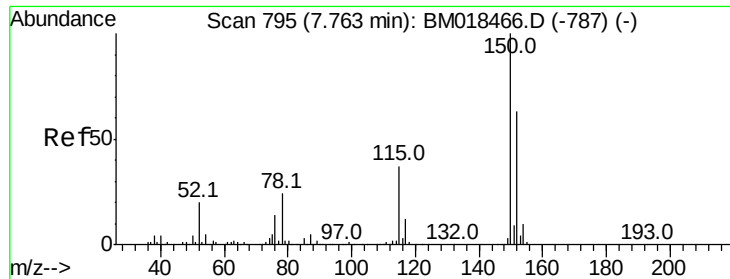
Manual Integrations
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Quant Time: Jan 18 04:50:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
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 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	444035	35.389	nq	99
43) 2,4,6-Trichlorophenol	12.82	196	584236	42.083	nq	99
44) 2,4,5-Trichlorophenol	12.89	196	631329	43.239	nq	97
46) 1,1'-Biphenyl	13.22	154	2140187	37.493	nq	99
47) 2-Chloronaphthalene	13.26	162	1657330	37.441	nq	100
48) 2-Nitroaniline	13.48	65	466345	42.822	nq	92
49) Acenaphthylene	14.11	152	2545772	39.464	nq	99
50) Dimethylphthalate	13.86	163	2168737	40.393	nq	99
51) 2,6-Dinitrotoluene	13.98	165	487058	42.826	nq	93
52) Acenaphthene	14.46	154	1537601	38.956	nq	98
53) 3-Nitroaniline	14.32	138	523442	45.652	nq	97
54) 2,4-Dinitrophenol	14.52	184	242573	43.054	nq	93
55) Dibenzofuran	14.79	168	2541910	38.977	nq	99
56) 4-Nitrophenol	14.62	139	434376	43.853	nq	96
57) 2,4-Dinitrotoluene	14.77	165	694548	43.162	nq	96
58) Fluorene	15.44	166	1959779	40.340	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.02	232	574369	44.381	nq	96
60) Diethylphthalate	15.22	149	2273628	41.947	nq	99
61) 4-Chlorophenyl-phenylether	15.43	204	1126641	40.237	nq	99
62) 4-Nitroaniline	15.48	138	533107	42.627	nq	99
63) Azobenzene	15.73	77	1800091	40.734	nq	98
65) 4,6-Dinitro-2-methylphenol	15.53	198	417240	42.077	nq	87
66) n-Nitrosodiphenylamine	15.66	169	1899806	38.667	nq	99
67) 4-Bromophenyl-phenylether	16.33	248	700887	39.542	nq	97
68) Hexachlorobenzene	16.43	284	769350	38.772	nq	98
69) Atrazine	16.61	200	734502	41.352	nq	99
70) Pentachlorophenol	16.79	266	565110	43.484	nq	98
71) Phenanthrene	17.19	178	3234305	38.390	nq	99
72) Anthracene	17.27	178	3225183	39.810	nq	100
73) Carbazole	17.55	167	3375942	40.560	nq	99
74) Di-n-butylphthalate	18.10	149	3998805	43.860	nq	99
75) Fluoranthene	19.20	202	3944708	40.611	nq	98
77) Benzidine	19.40	184	2114951	46.695	nq	99
78) Pyrene	19.57	202	4154634	38.210	nq	100
80) Butylbenzylphthalate	20.47	149	1941186	41.839	nq	97
81) Benzo(a)anthracene	21.32	228	4196686	38.835	nq	100
82) 3,3'-Dichlorobenzidine	21.26	252	1730512	42.348	nq	100
83) Chrysene	21.37	228	4022156	38.544	nq	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	2826574	42.190	nq	99
85) Di-n-octyl phthalate	22.13	149	4867668	43.198	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.92	276	4814812	40.014	nq	97
88) Benzo(b)fluoranthene	22.92	252	4221554	37.817	nq	98
89) Benzo(k)fluoranthene	22.97	252	4220099	37.512	nq	98
90) Benzo(a)pyrene	23.51	252	4097507	38.341	nq	98
91) Dibenzo(a,h)anthracene	25.93	278	4080109	37.679	nq	98
92) Benzo(g,h,i)perylene	26.63	276	3915825	37.160	nq	98

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



#1

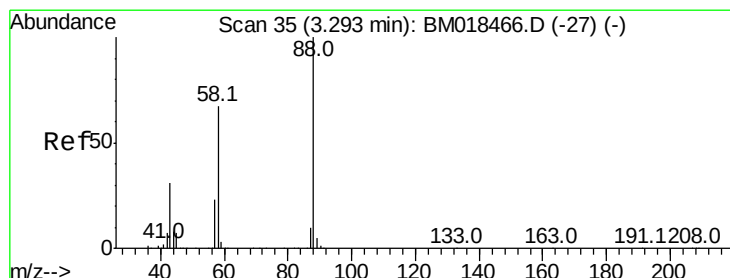
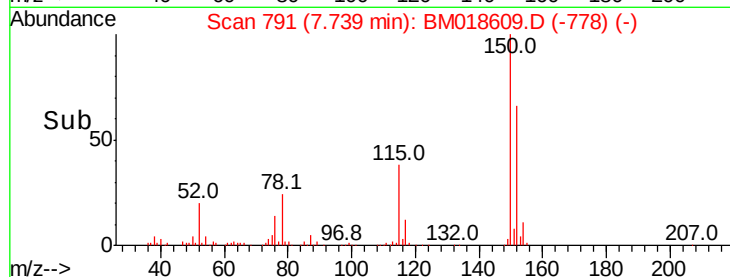
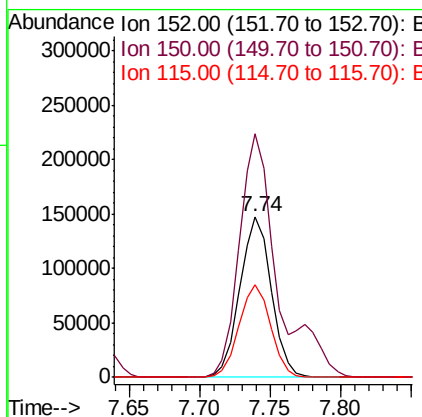
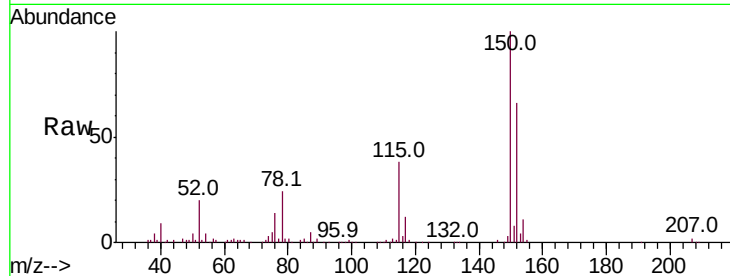
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.9	190.3
115	57.9	45.5	68.3

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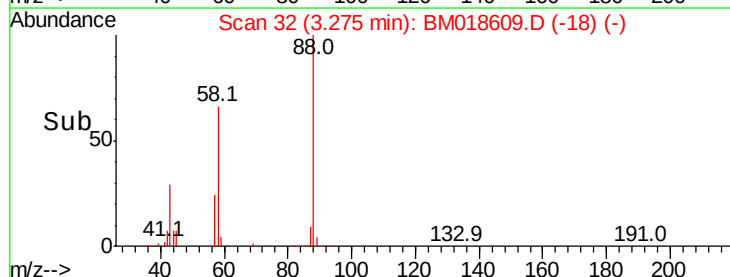
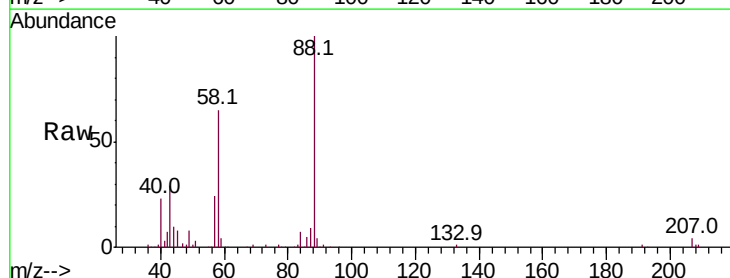
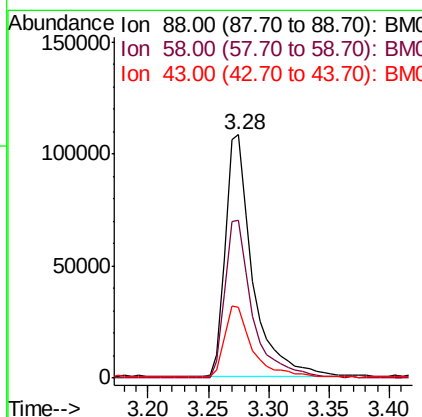
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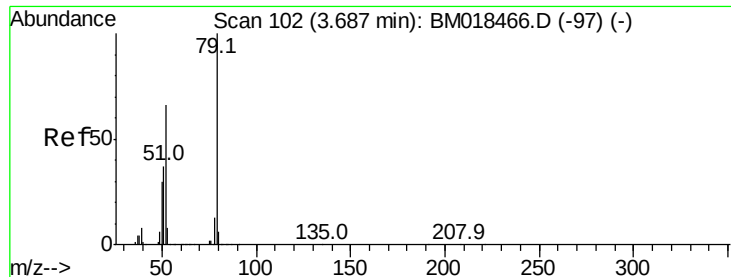


#2

1,4-Dioxane
Concen: 33.139 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	58.4	87.6
43	30.1	26.2	39.4





#3

Pvridine

Concen: 39.543 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.04 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

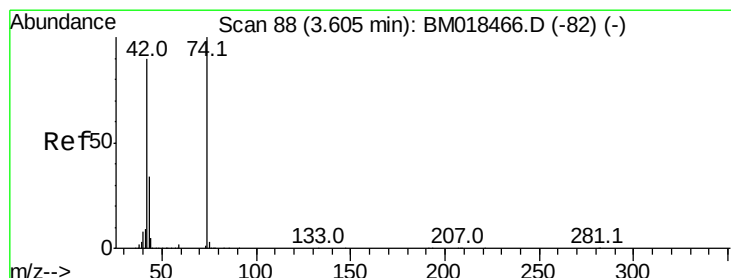
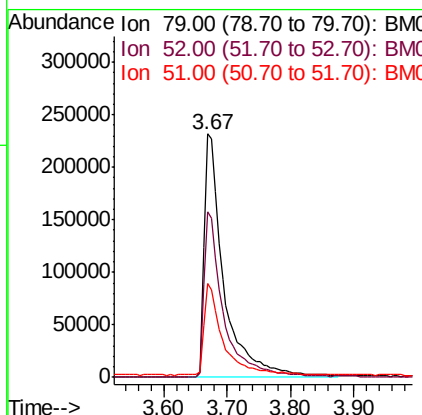
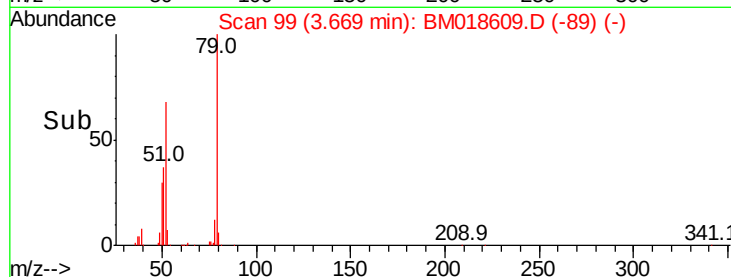
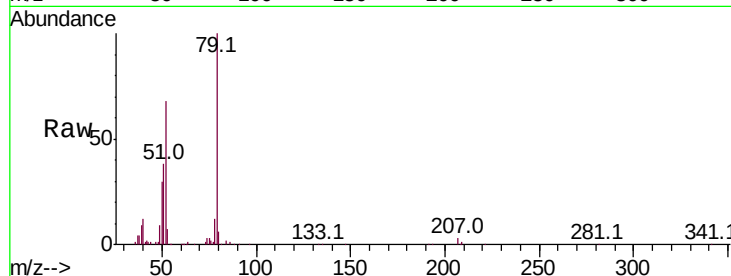
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	499716
Ion Ratio	Lower	Upper	
79	100		
52	68.2	56.4	84.6
51	38.4	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 36.057 ng

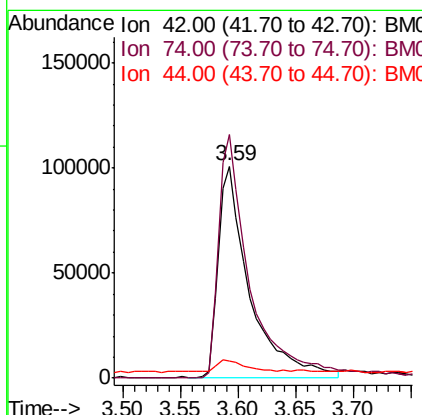
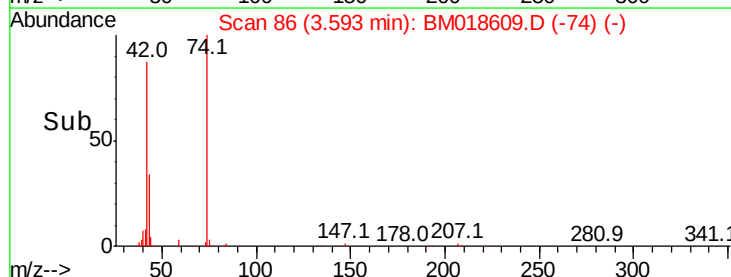
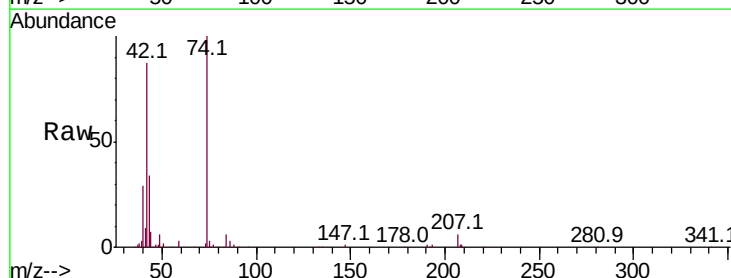
RT: 3.59 min Scan# 86

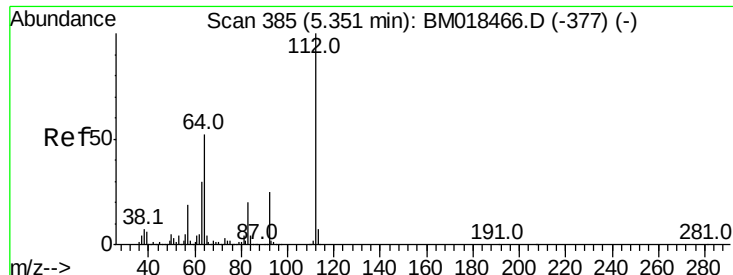
Delta R.T. -0.03 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion:	42	Resp:	188421
Ion Ratio	Lower	Upper	
42	100		
74	114.8	88.6	132.8
44	8.3	16.9	25.3#





#5

2-Fluorophenol

Concen: 75.403 ng

RT: 5.33 min Scan# 381

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

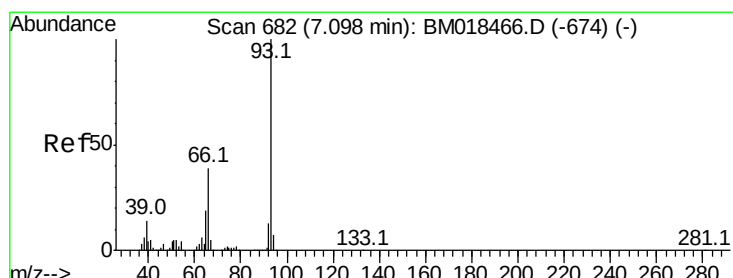
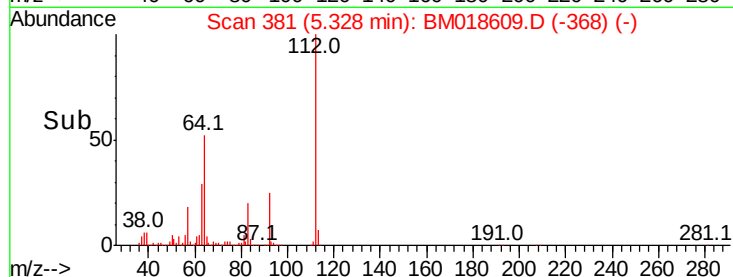
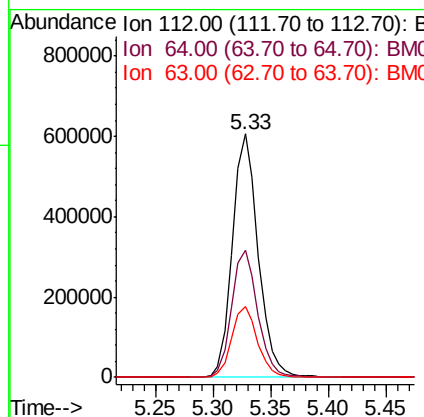
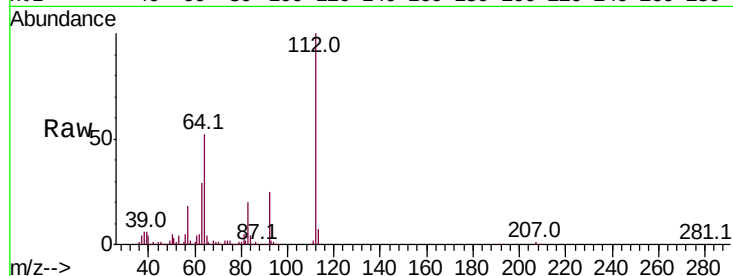
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	937749
Ion Ratio	Lower	Upper	
112	100		
64	52.4	46.5	69.7
63	28.8	25.2	37.8

Manual Integrations
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#6

Aniline

Concen: 45.619 ng

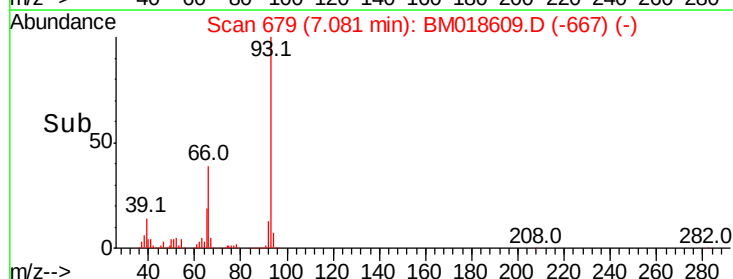
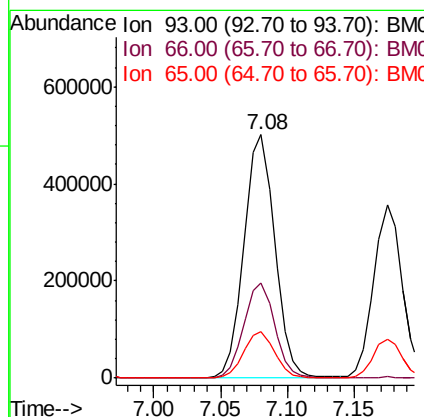
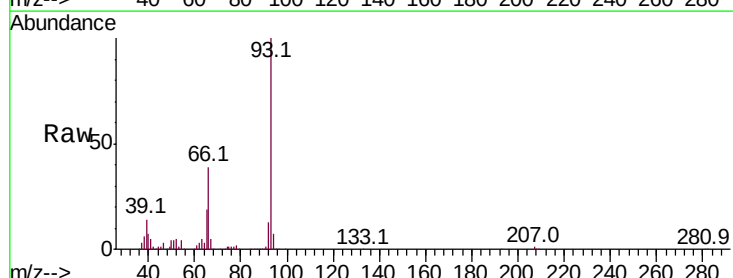
RT: 7.08 min Scan# 679

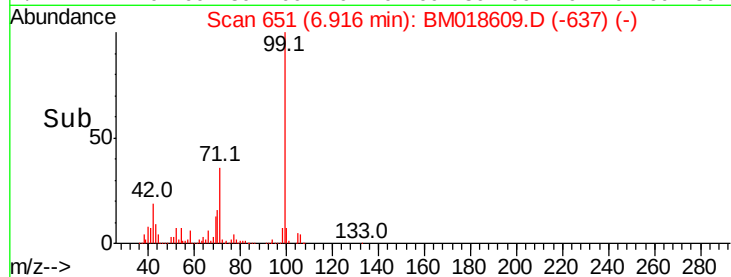
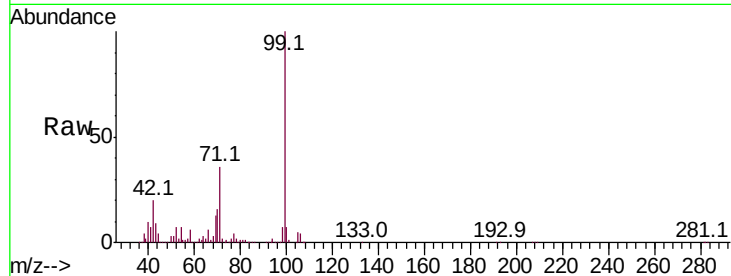
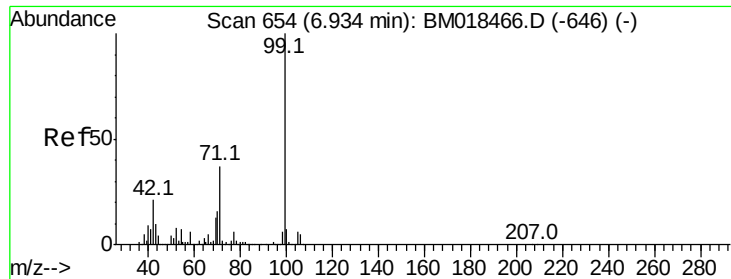
Delta R.T. -0.03 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion:	93	Resp:	803807
Ion Ratio	Lower	Upper	
93	100		
66	38.9	31.7	47.5
65	18.9	15.9	23.9





#7

Phenol-d6

Concen: 84.425 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tot Ion:	99	Resp:	1333566
Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.3	25.9
71	35.9	28.0	42.0

Instrument :

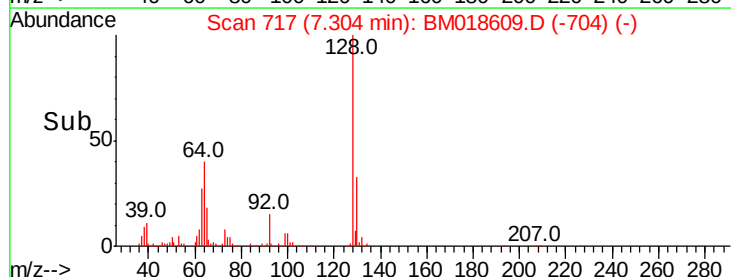
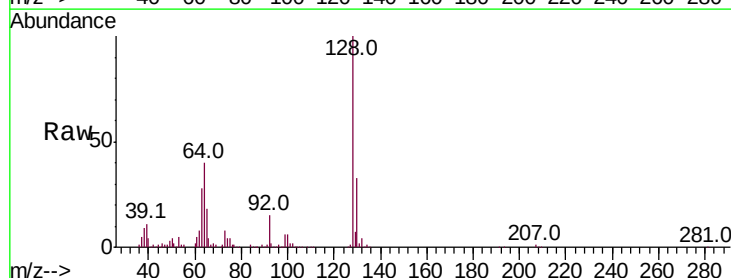
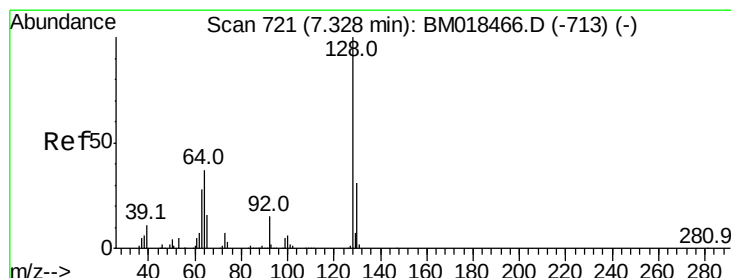
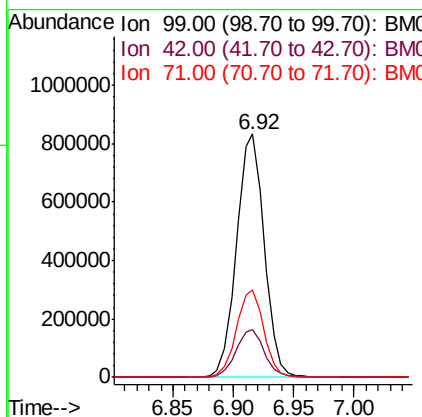
BNA_M

ClientSampled :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.736 ng

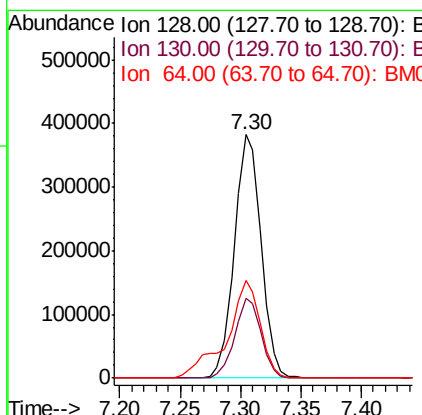
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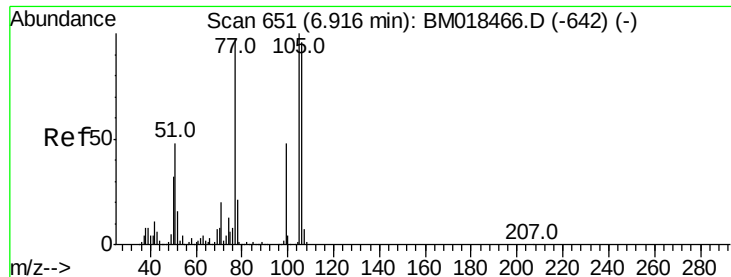
Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion:	128	Resp:	591675
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.6	53.6
64	40.4	24.8	64.8





#9

Benzaldehyde

Concen: 38.464 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

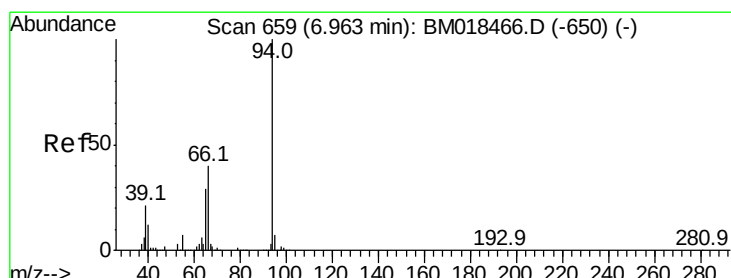
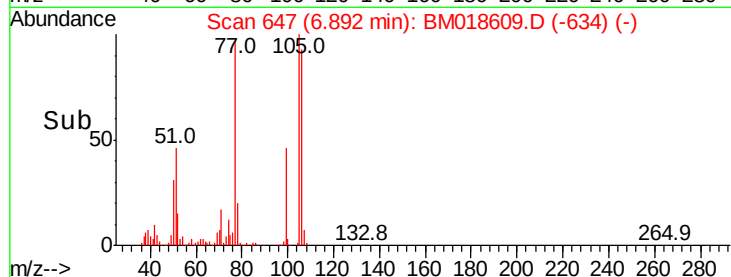
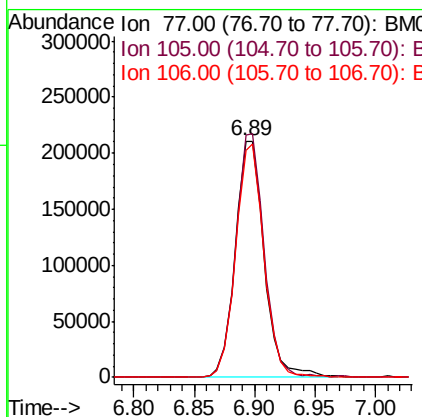
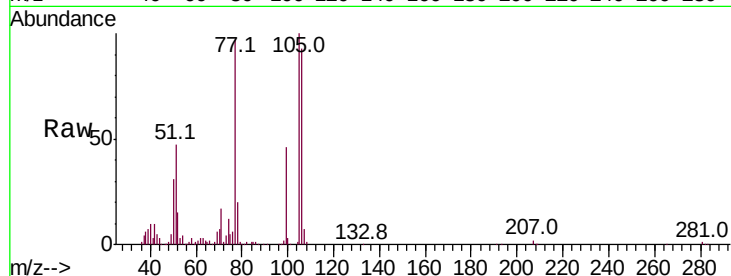
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	79.7	119.7
106	95.9	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 41.342 ng

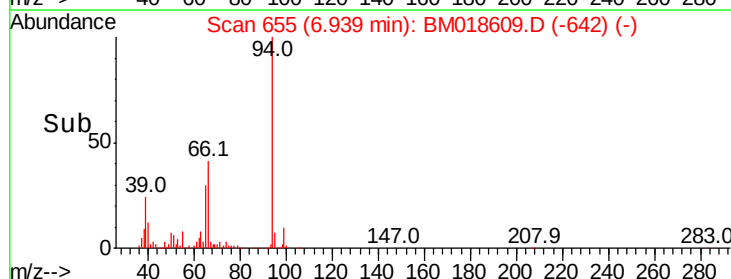
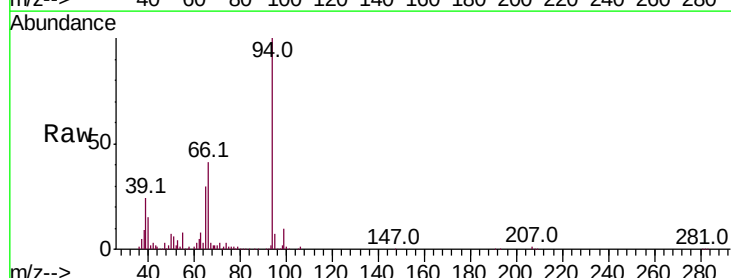
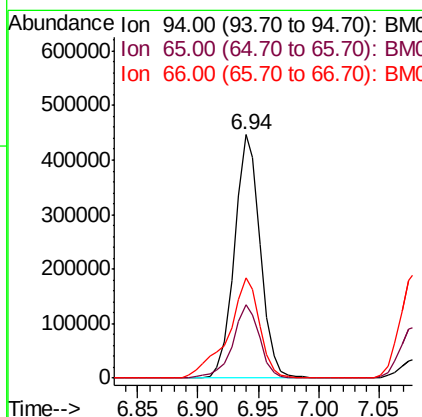
RT: 6.94 min Scan# 655

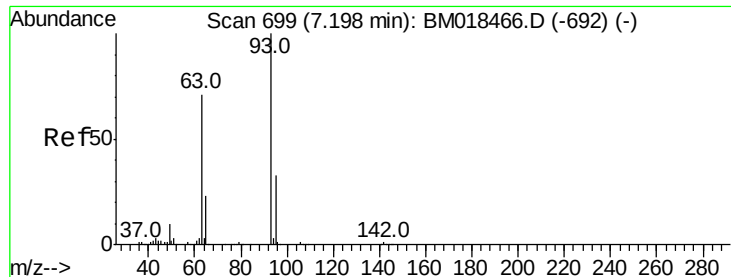
Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.4	49.4
66	41.2	19.1	59.1





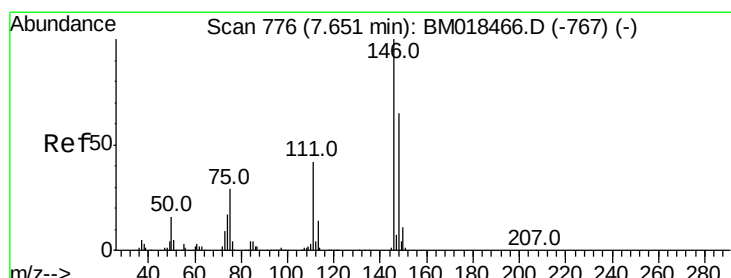
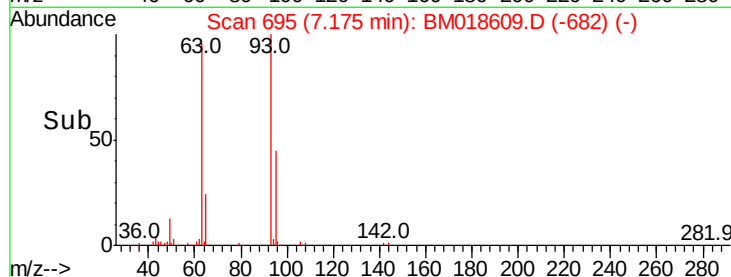
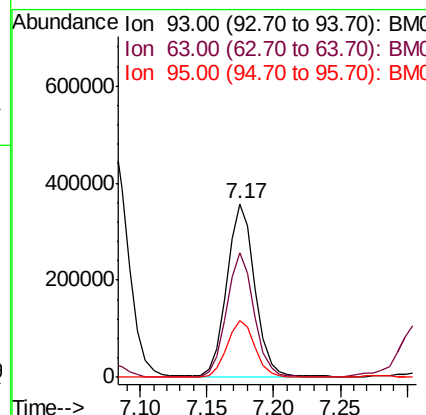
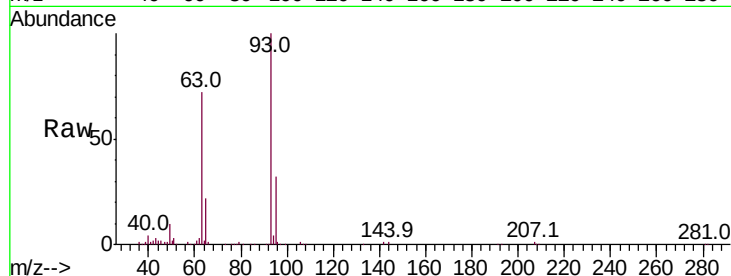
#11
bis(2-Chloroethyl)ether
Concen: 41.393 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	56.4	96.4
95	32.5	12.7	52.7

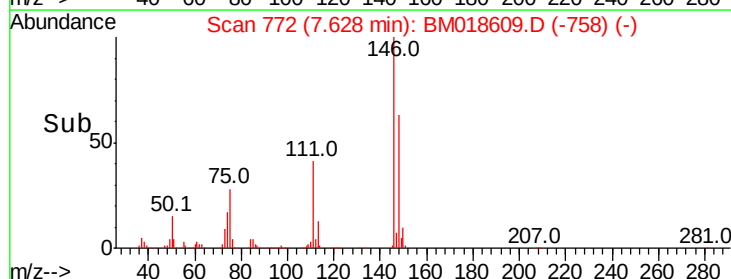
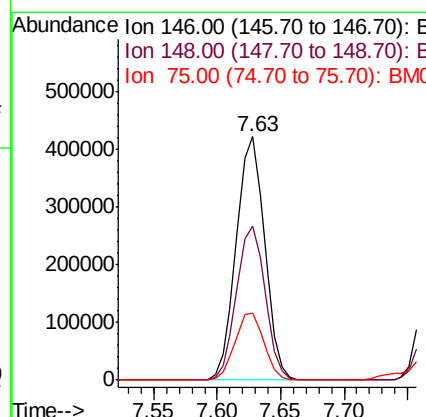
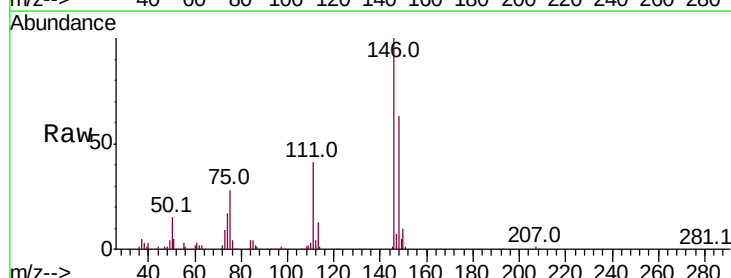
Manual Integrations
APPROVED

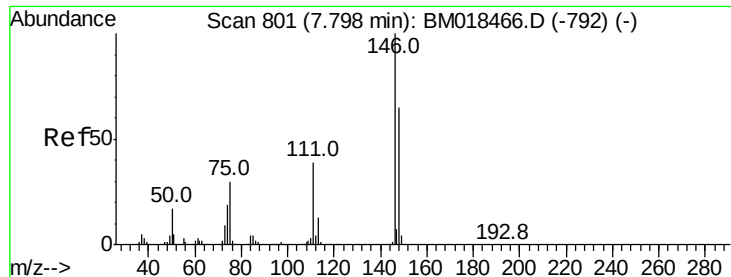
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.973 ng
RT: 7.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.5	75.7
75	27.6	23.0	34.6





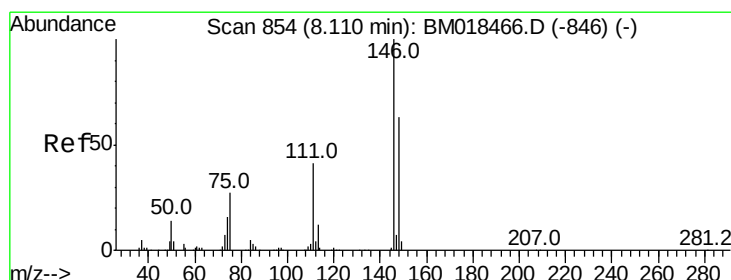
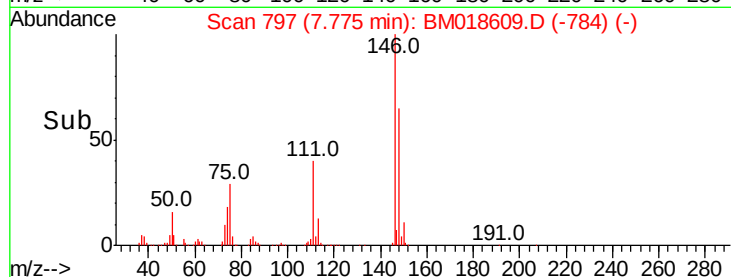
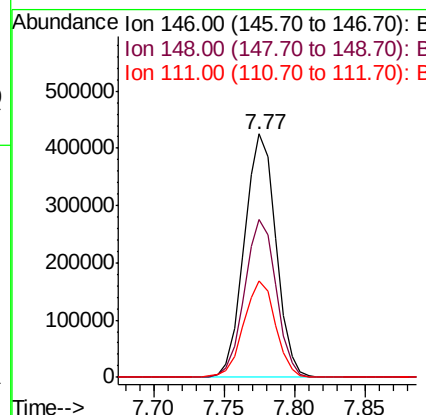
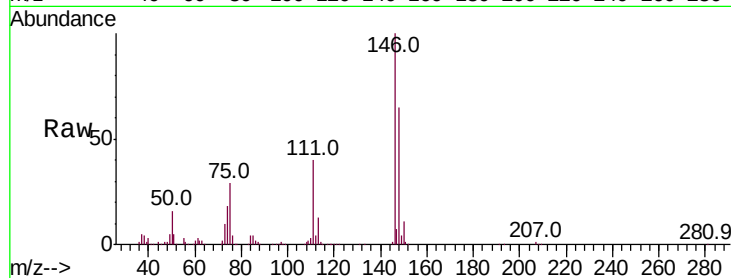
#13
1,4-Dichlorobenzene
Concen: 38.106 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	39.8	32.2	48.2

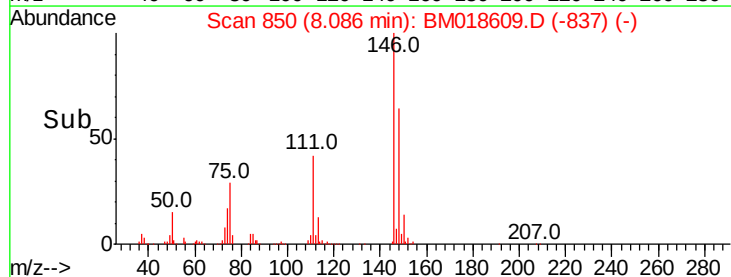
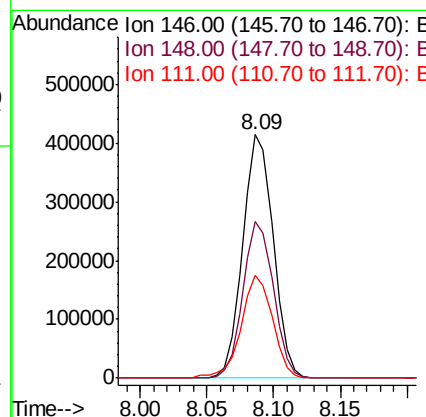
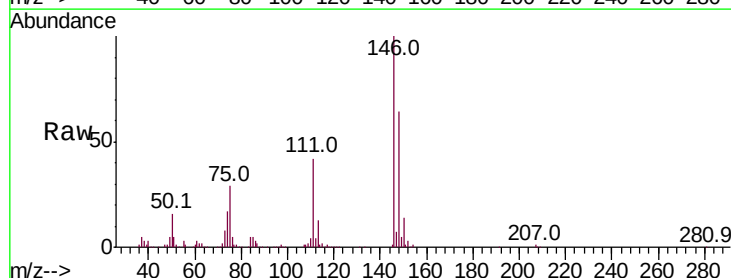
Manual Integrations
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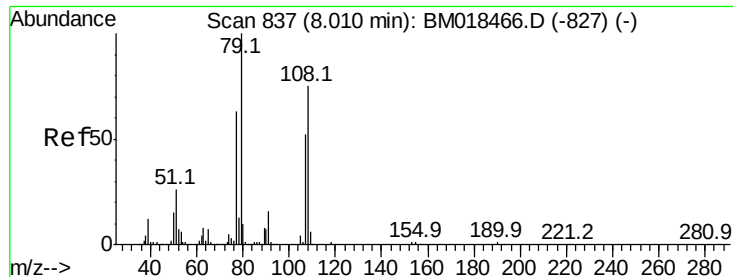
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#14
1,2-Dichlorobenzene
Concen: 39.317 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	42.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 47.214 ng

RT: 7.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

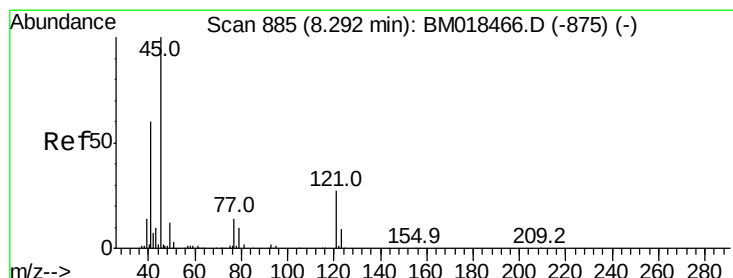
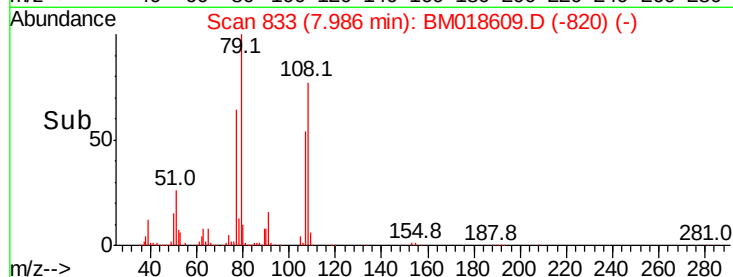
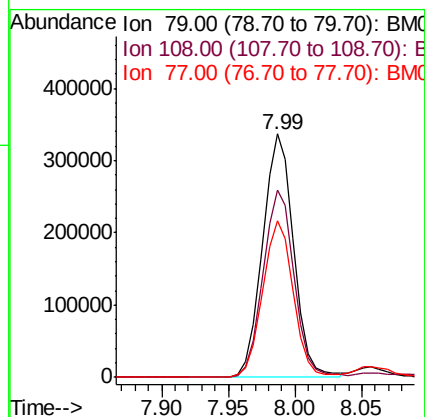
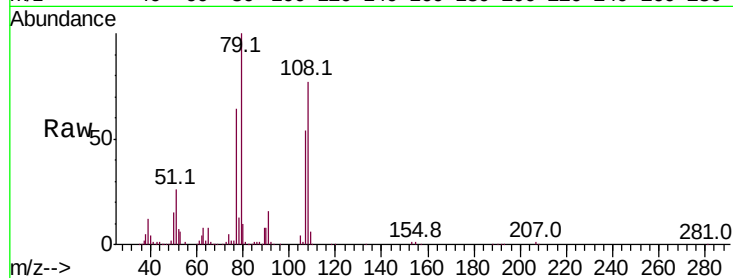
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	538654
Ion Ratio	Lower	Upper	
79	100		
108	76.8	60.4	90.6
77	64.3	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.714 ng

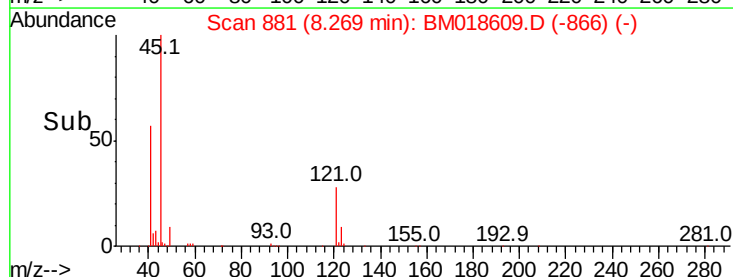
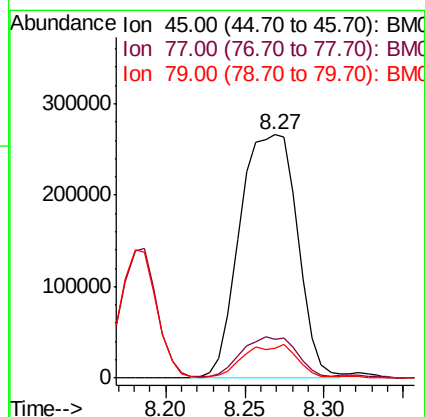
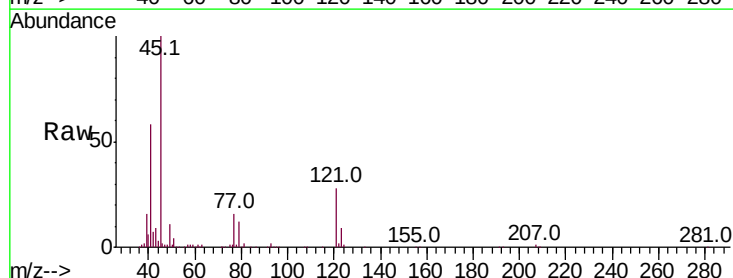
RT: 8.27 min Scan# 881

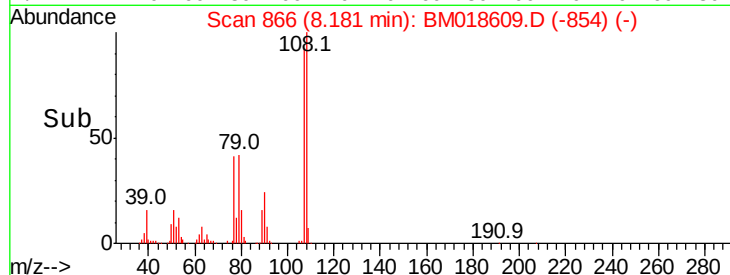
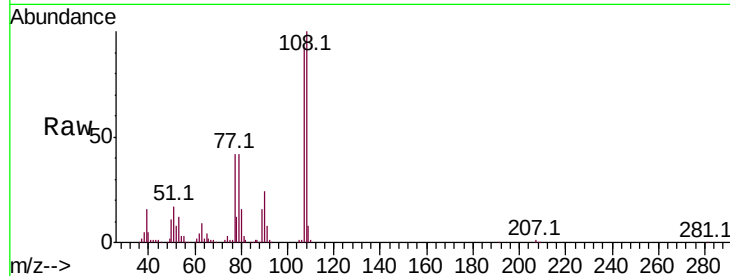
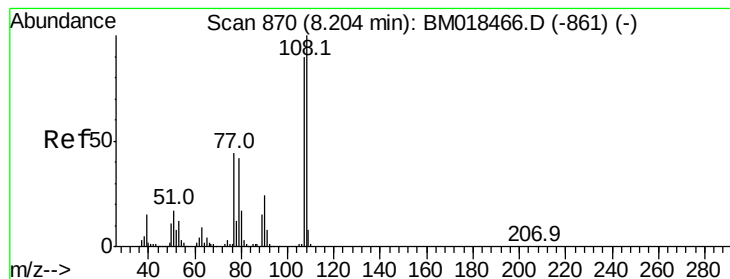
Delta R.T. -0.01 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion:	45	Resp:	672340
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	33.4
79	12.4	0.0	31.1





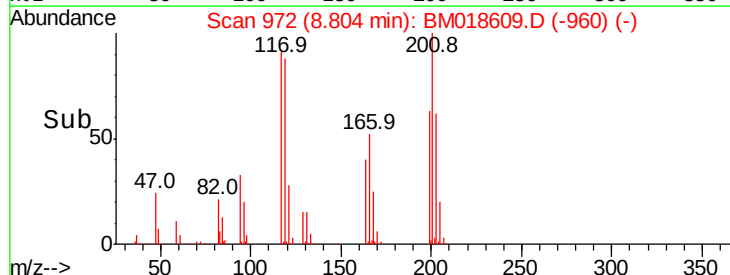
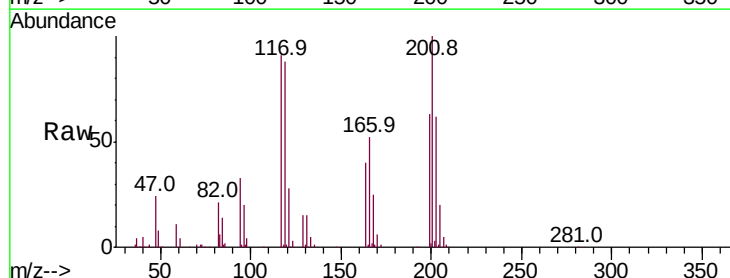
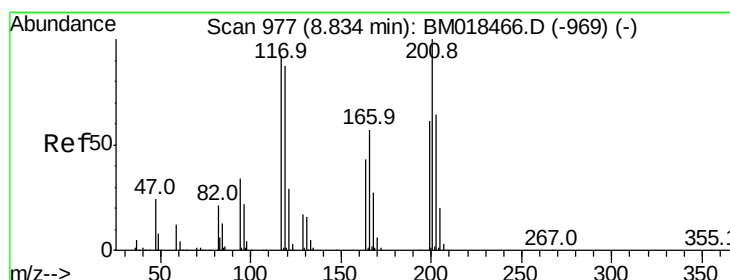
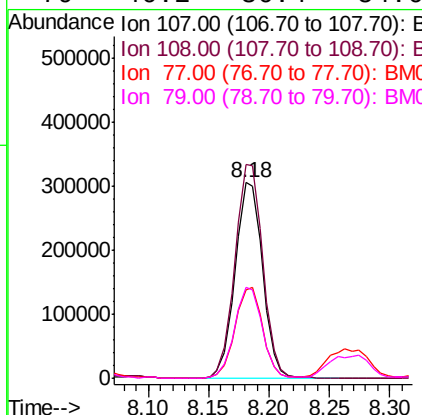
#17
2-Methylphenol
Concen: 44.660 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.03 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	87.5	131.3	
77	45.3	37.3	55.9	
79	46.2	36.4	54.6	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

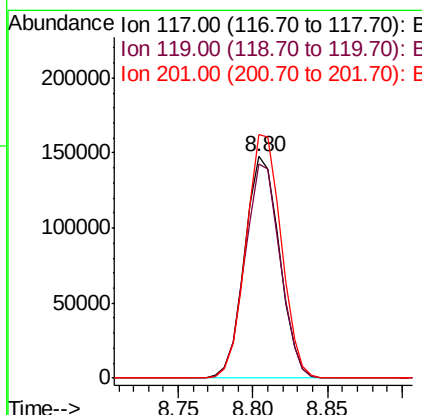
Manual Integrations
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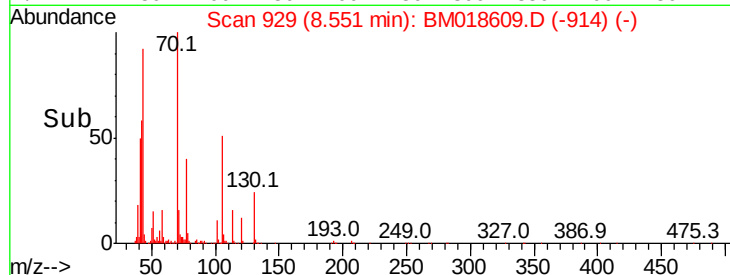
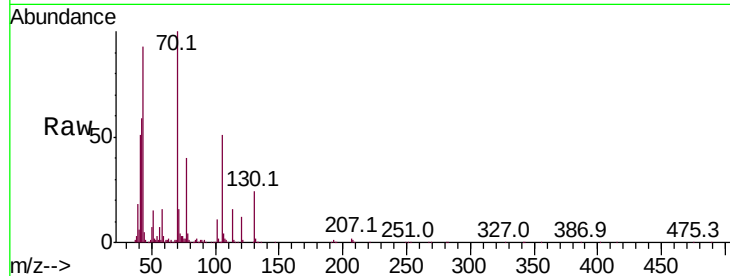
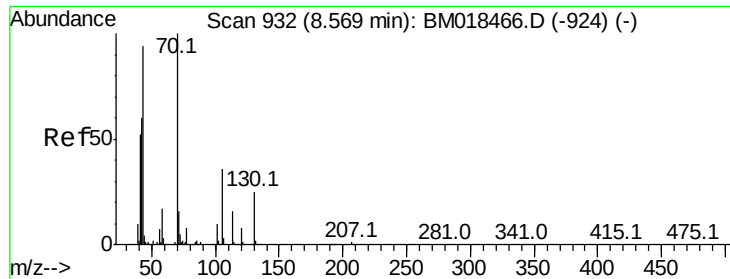
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#18
Hexachloroethane
Concen: 38.119 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	78.3	117.5	
201	109.9	81.4	122.0	





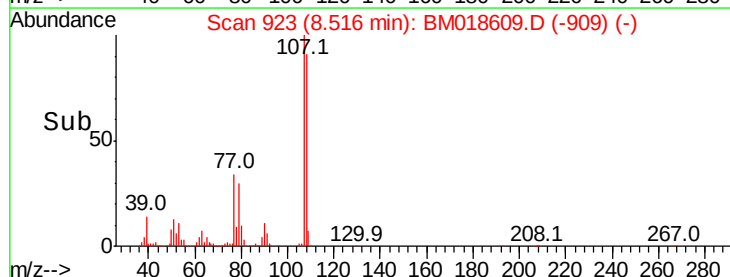
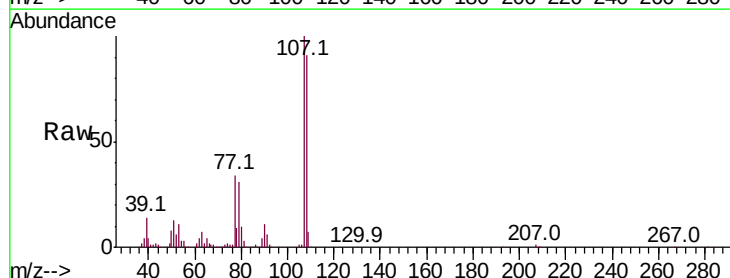
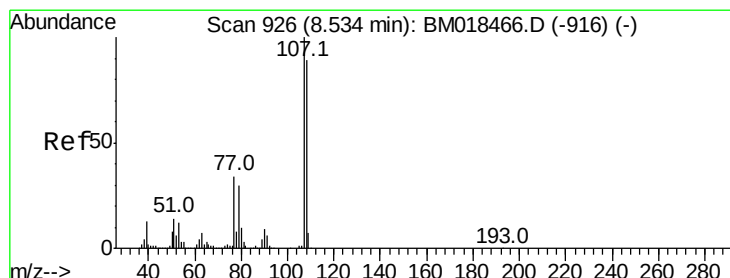
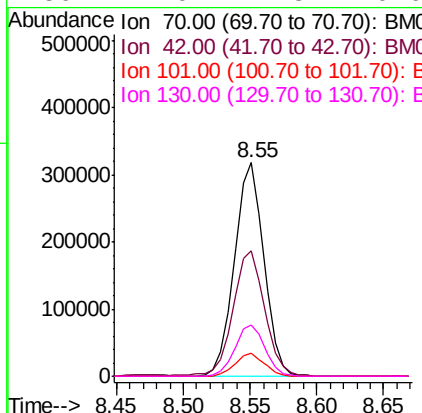
#19
n-Nitroso-di-n-propylamine
Concen: 47.495 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.7	54.0	81.0
101	10.7	8.1	12.1
130	24.0	17.8	26.6

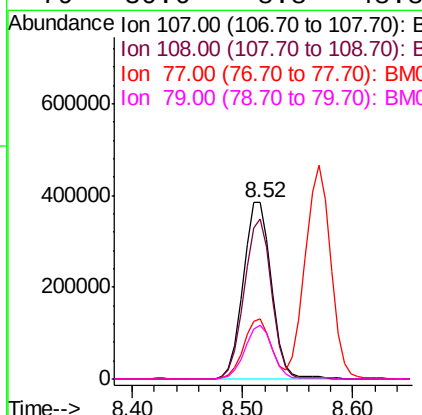
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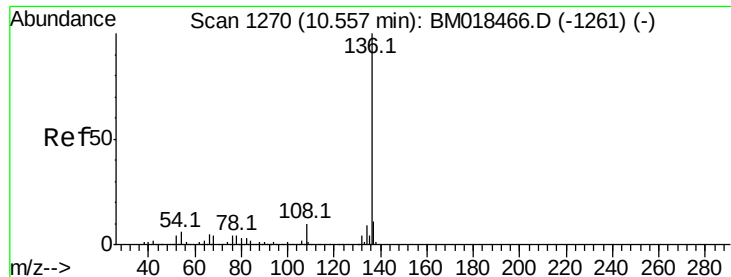
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#20
3+4-Methylphenols
Concen: 46.060 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	66.8	106.8
77	34.0	13.3	53.3
79	30.6	8.8	48.8





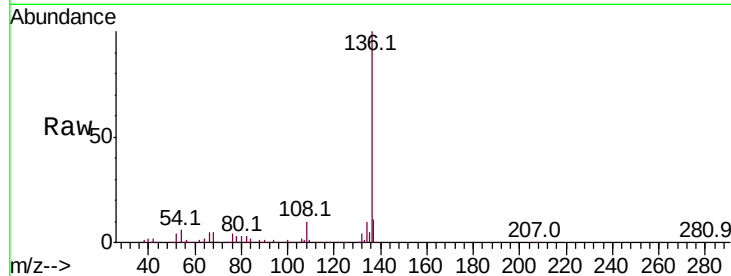
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

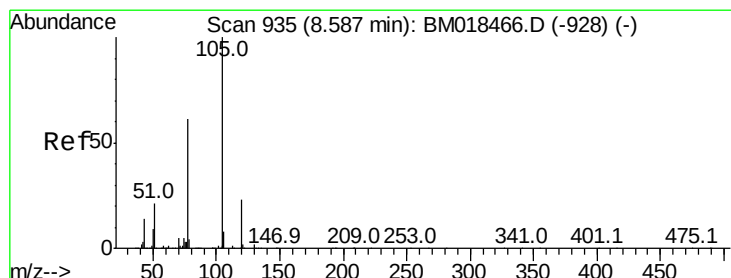
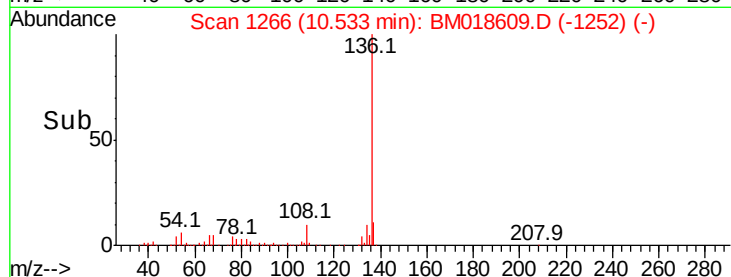
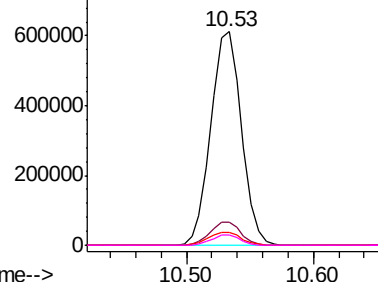
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.1	6.0	9.0
68	4.6	4.5	6.7

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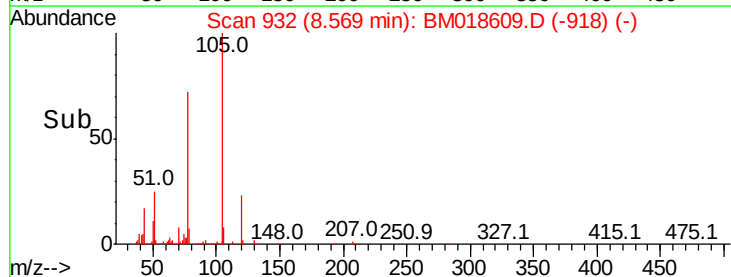
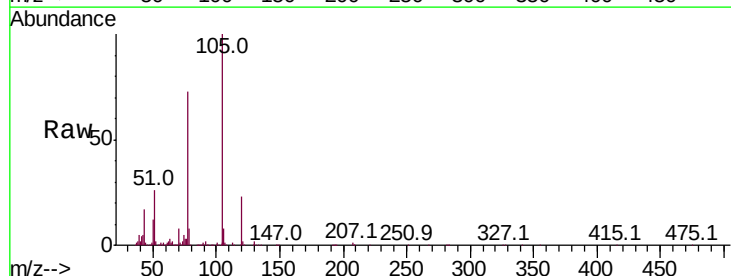
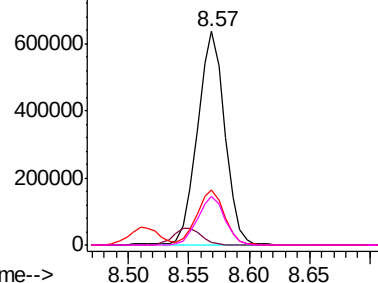
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

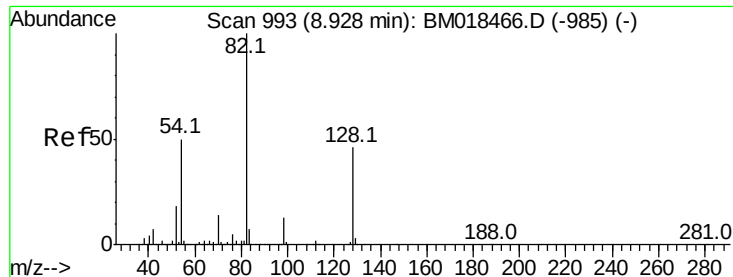


#22
Acetophenone
Concen: 39.221 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.7	2.5#
51	25.7	22.6	34.0
120	22.9	18.3	27.5

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





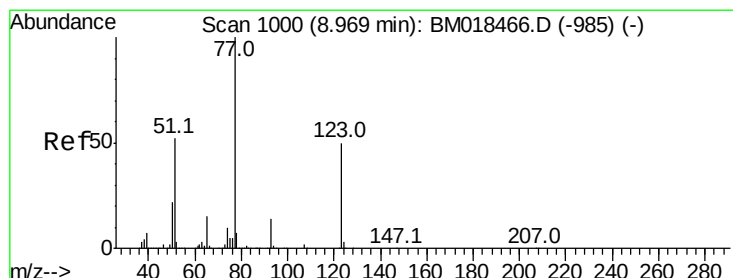
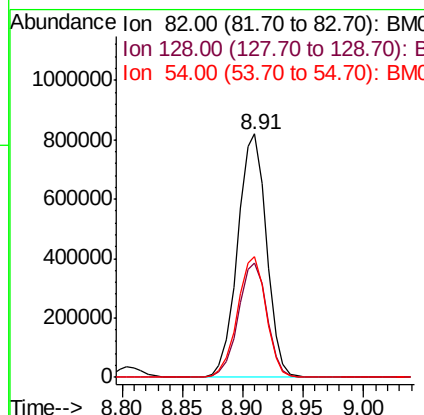
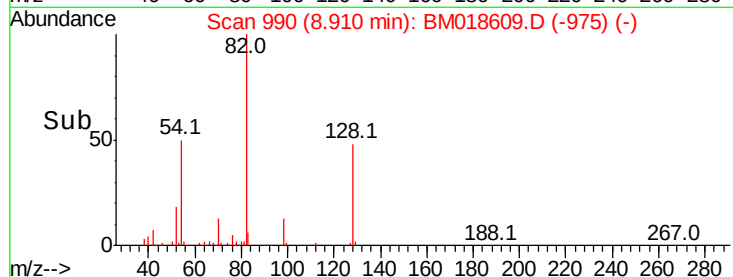
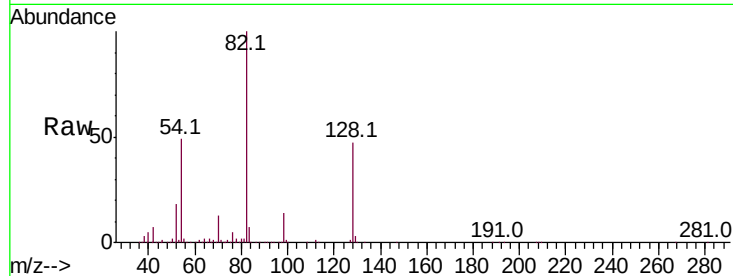
#23
Nitrobenzene-d5
Concen: 77.404 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion: 82 Resp: 1367027
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 49.4 41.7 62.5

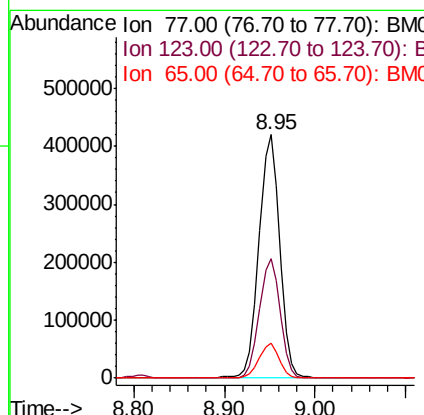
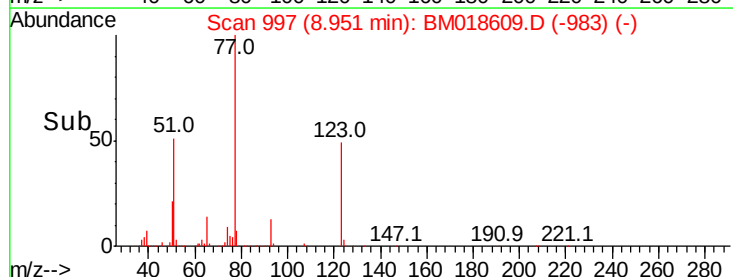
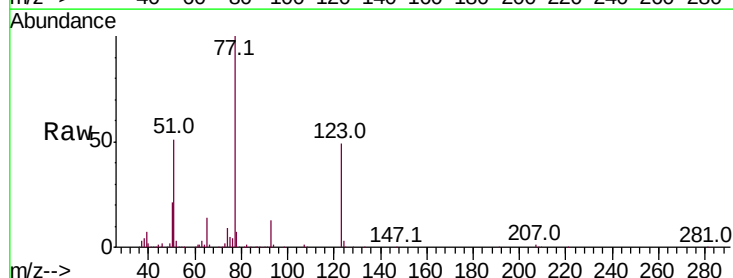
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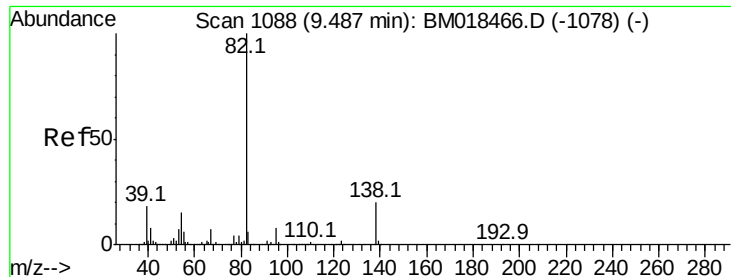
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#24
Nitrobenzene
Concen: 38.458 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion: 77 Resp: 668293
Ion Ratio Lower Upper
77 100
123 49.3 37.7 56.5
65 14.1 11.0 16.6





#25

Isophorone

Concen: 43.828 ng

RT: 9.47 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1172125

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

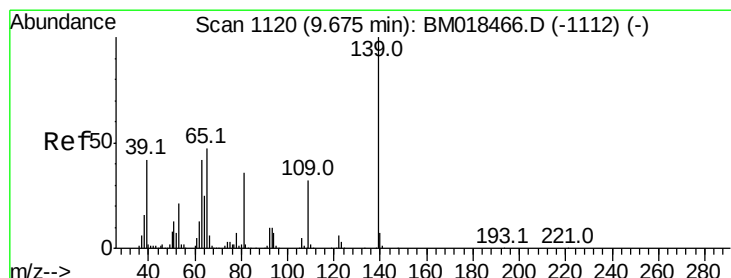
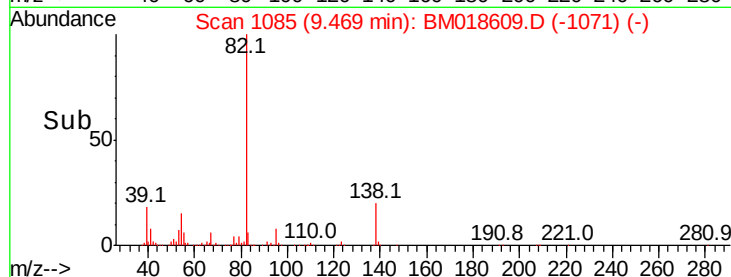
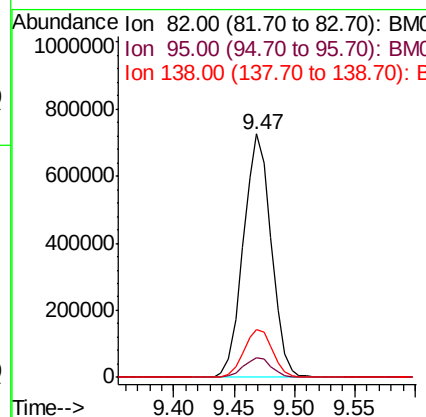
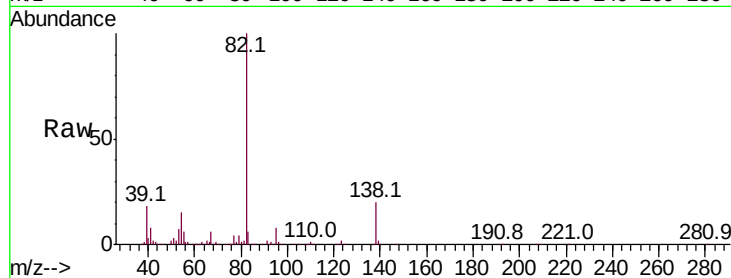
138 19.8 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 45.506 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

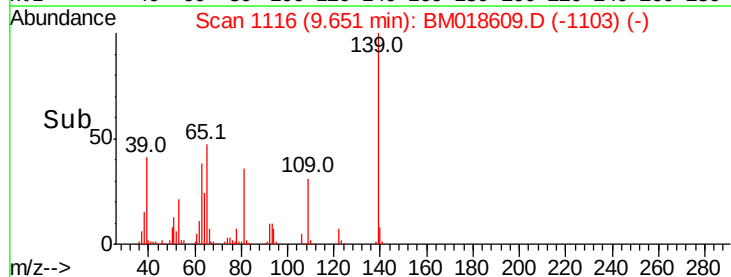
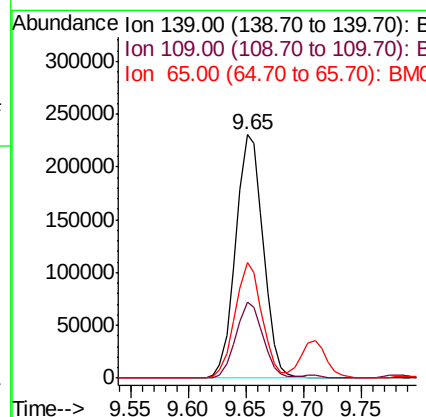
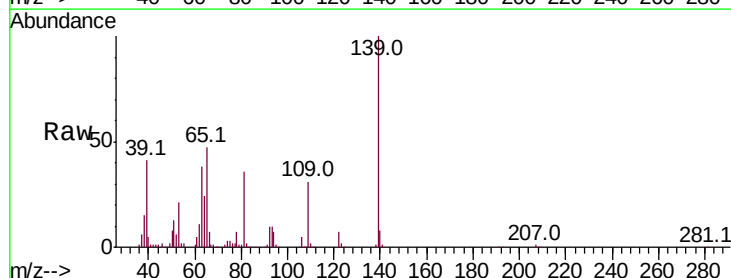
Tgt Ion: 139 Resp: 382364

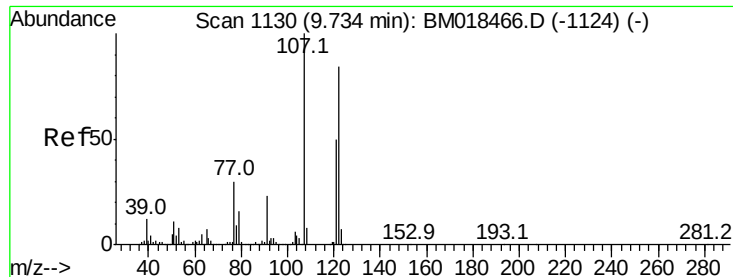
Ion Ratio Lower Upper

139 100

109 31.4 23.4 35.2

65 47.4 39.4 59.2





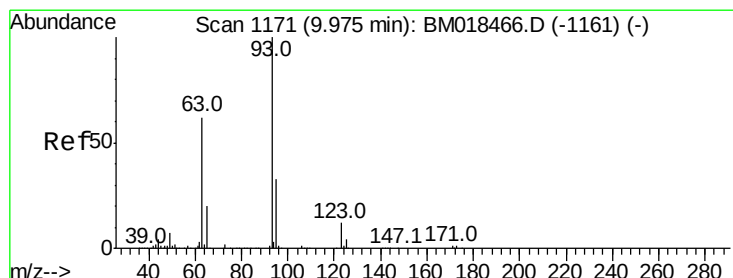
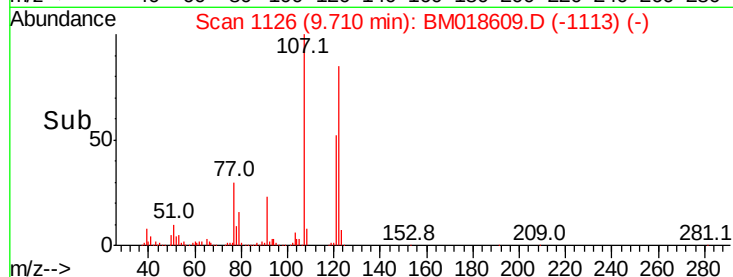
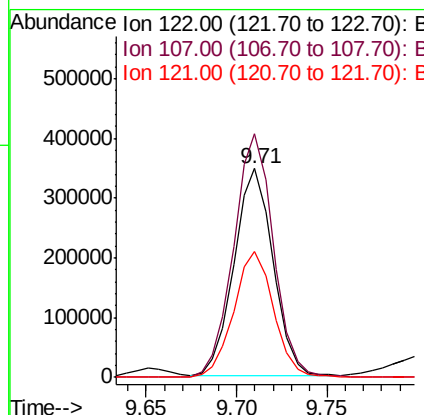
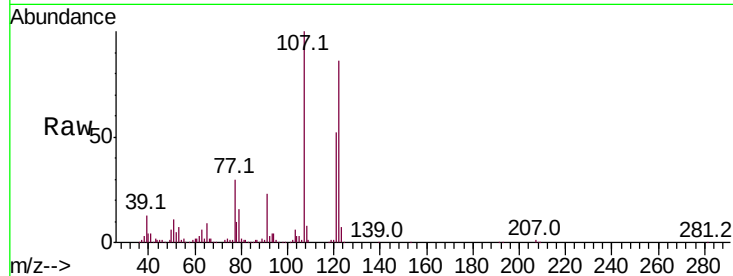
#27
2,4-Dimethylphenol
Concen: 41.301 ng
RT: 9.71 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.9	137.9
121	60.3	47.5	71.3

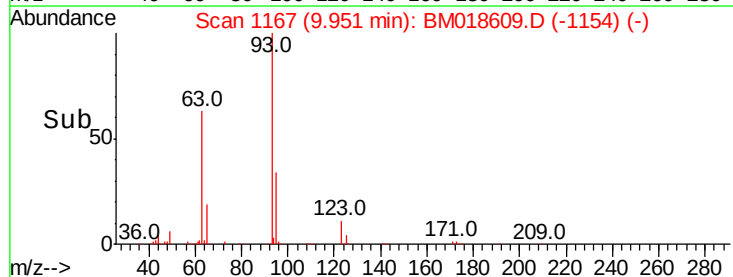
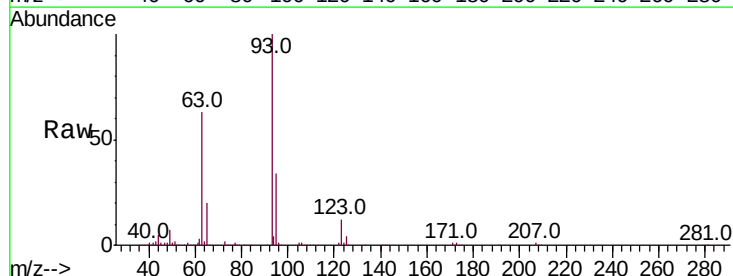
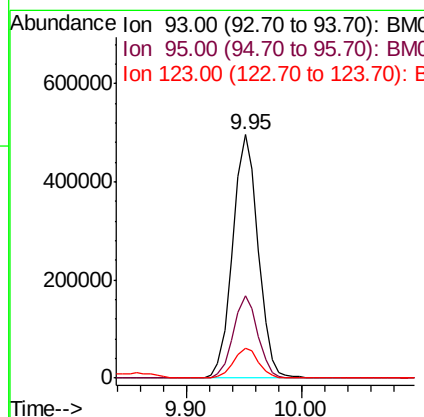
Manual Integrations
APPROVED

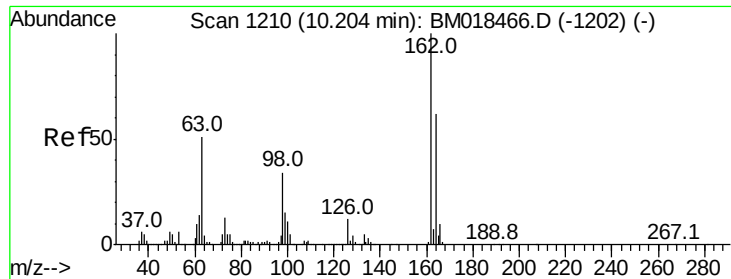
Sohil
1/18/2019 12:06:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.055 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	39.8
123	12.0	9.9	14.9





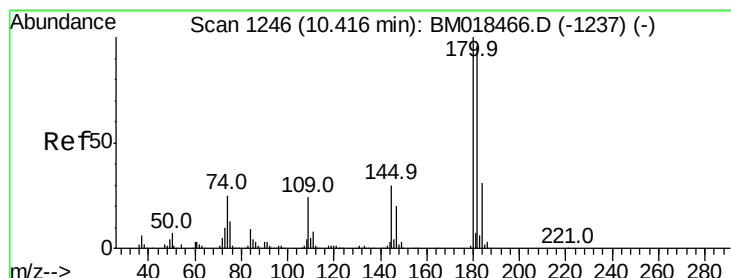
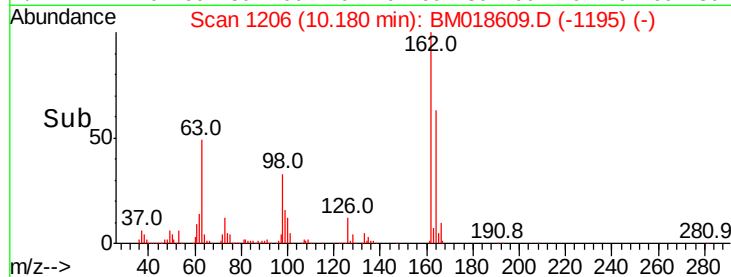
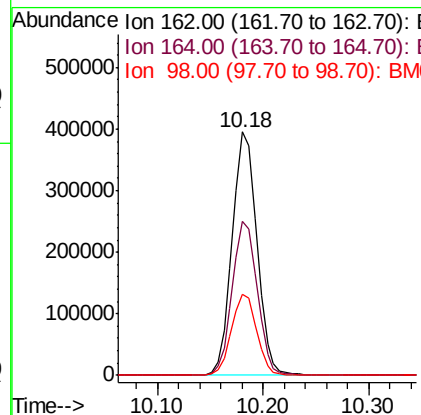
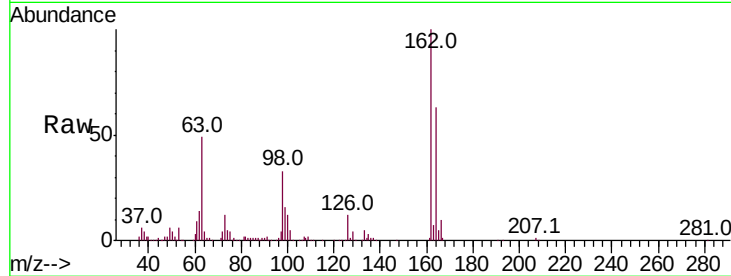
#29
 2,4-Dichlorophenol
 Concen: 42.929 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. -0.04 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	643800
Ion Ratio	Lower	Upper	
162	100		
164	63.4	45.6	85.6
98	33.5	14.7	54.7

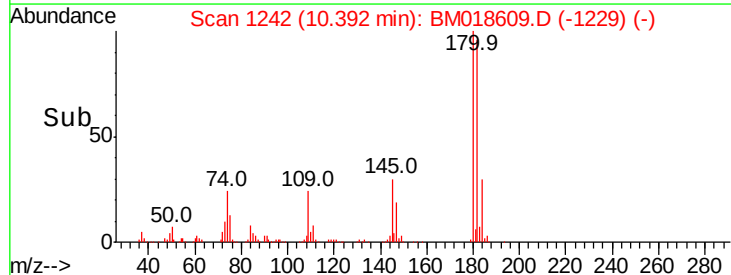
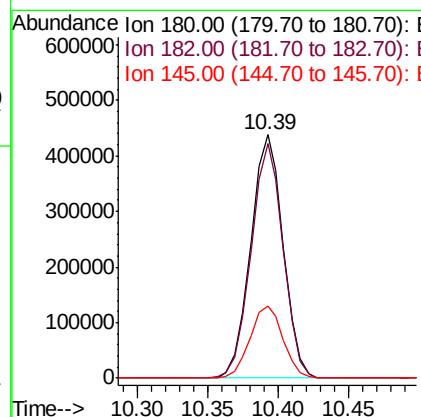
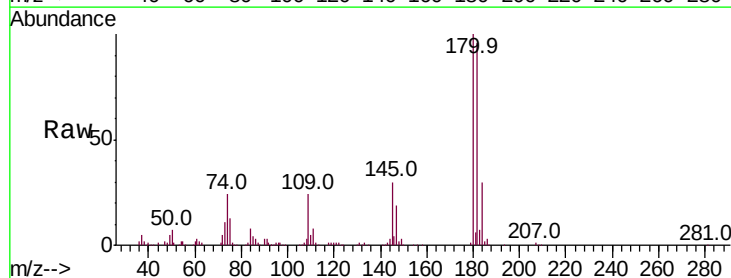
Manual Integrations
 APPROVED

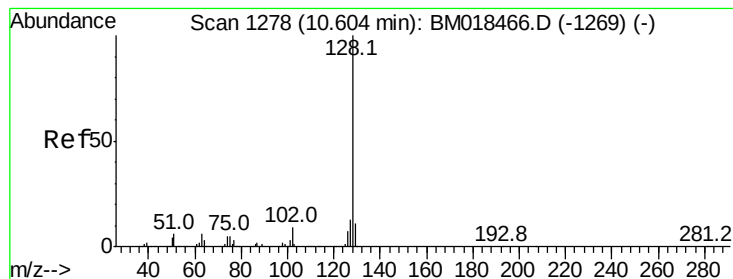
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.826 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Tgt Ion:	180	Resp:	704108
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.4	116.2
145	29.7	24.6	37.0





#31

Naphthalene

Concen: 38.875 ng

RT: 10.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1916834

Ion Ratio Lower Upper

128 100

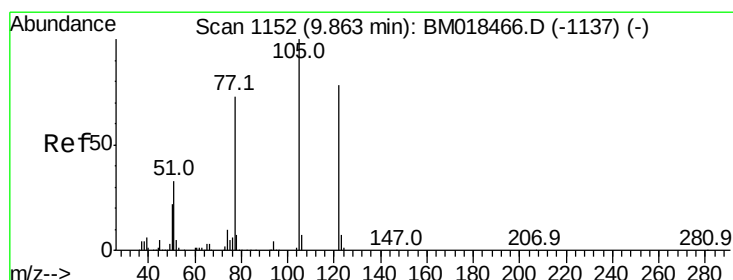
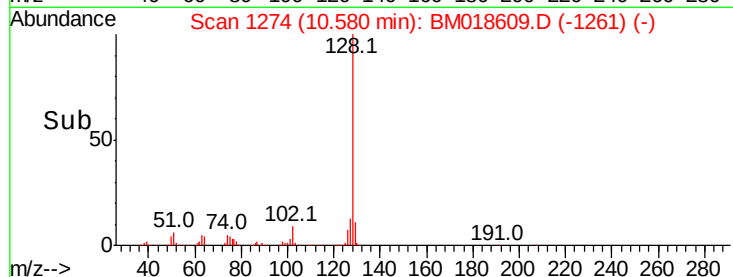
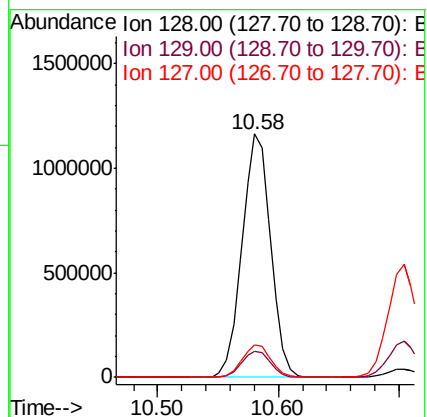
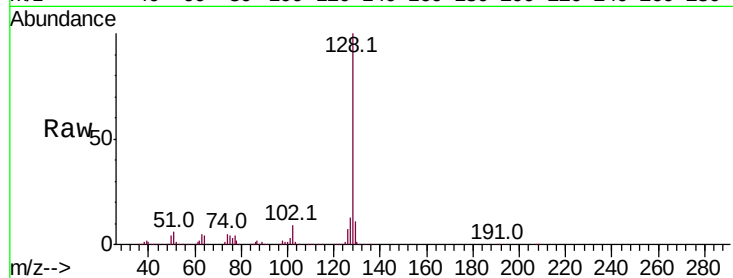
129 10.9 8.7 13.1

127 13.2 10.8 16.2

Manual Integrations
APPROVED

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#32

Benzoic acid

Concen: 54.384 ng m

RT: 9.86 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

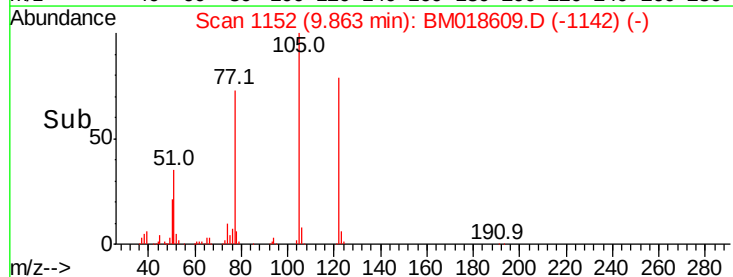
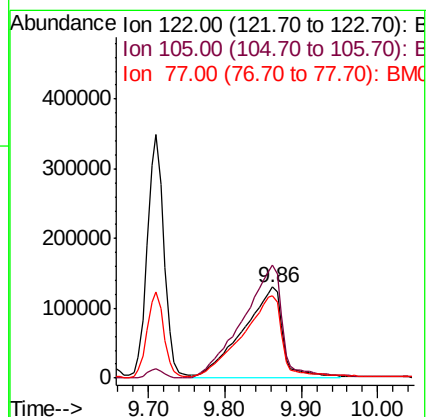
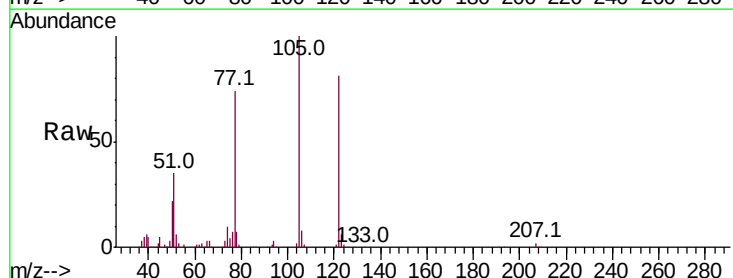
Tgt Ion:122 Resp: 469641

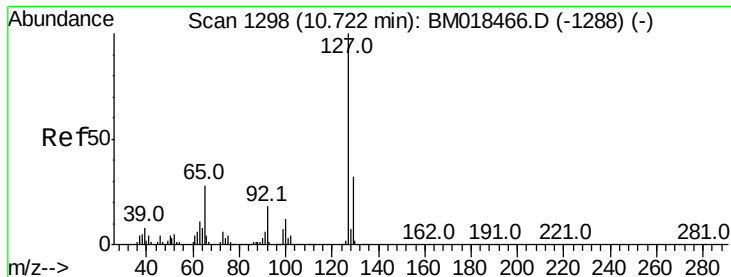
Ion Ratio Lower Upper

122 100

105 123.7 100.4 140.4

77 91.0 71.7 111.7





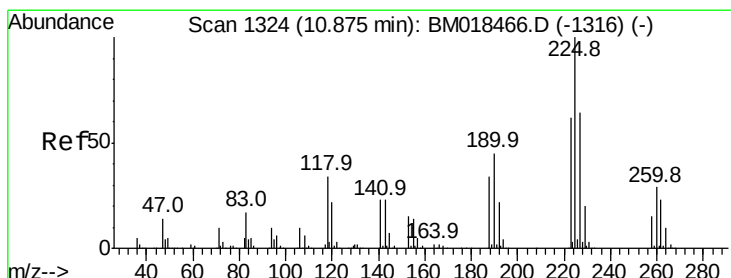
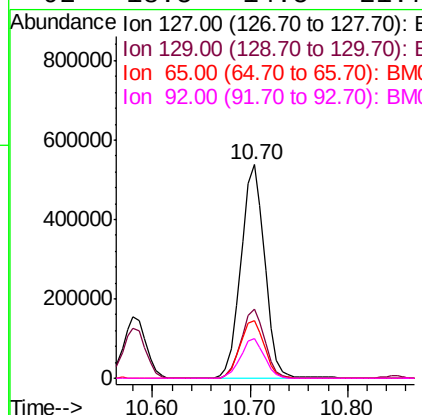
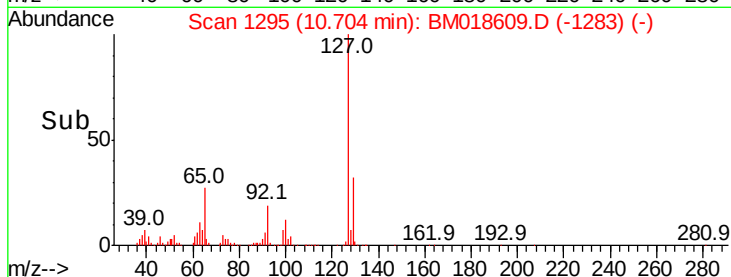
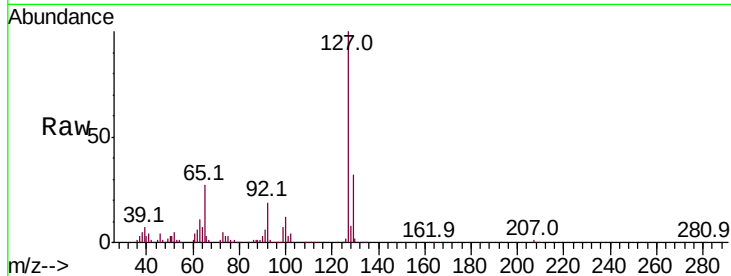
#33
4-Chloroaniline
Concen: 47.040 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.9	38.9		
65	27.2	23.4	35.2		
92	18.5	14.5	21.7		

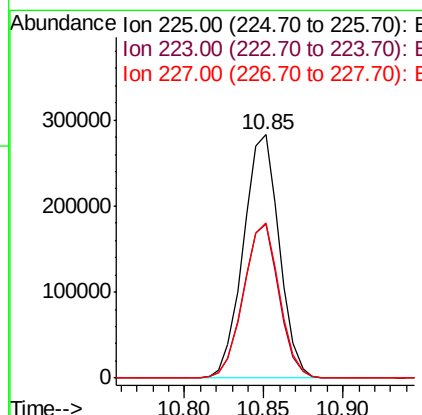
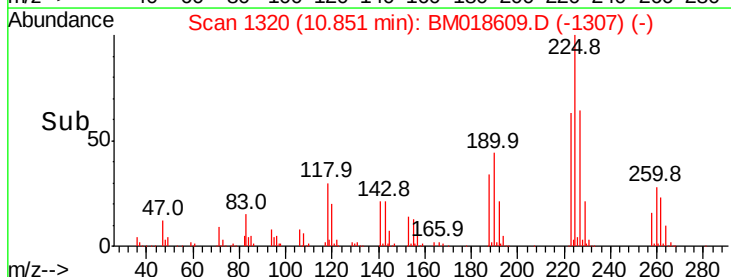
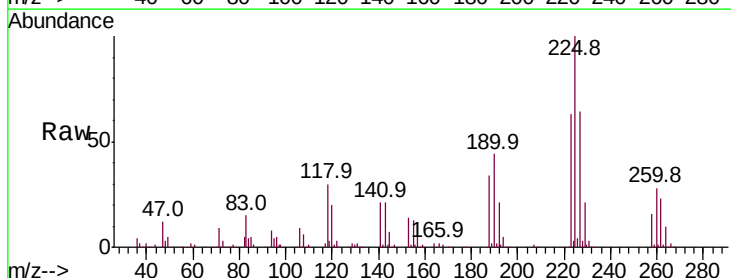
Manual Integrations
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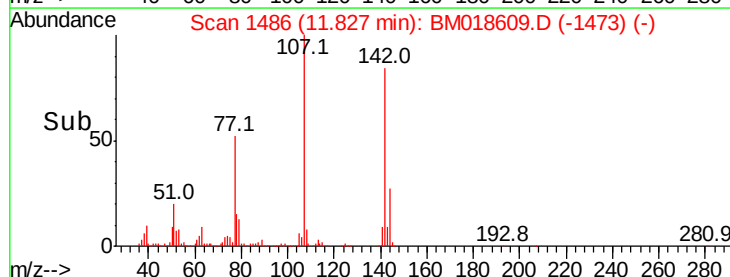
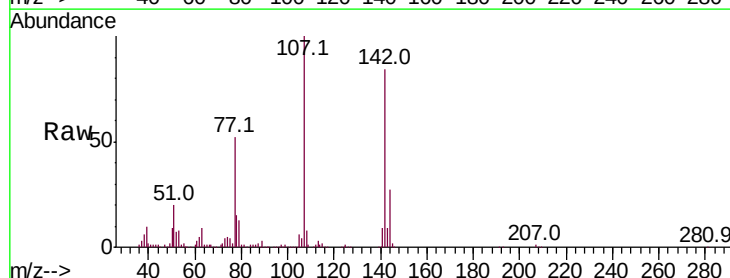
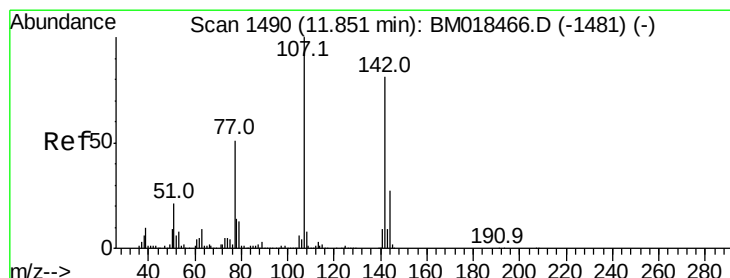
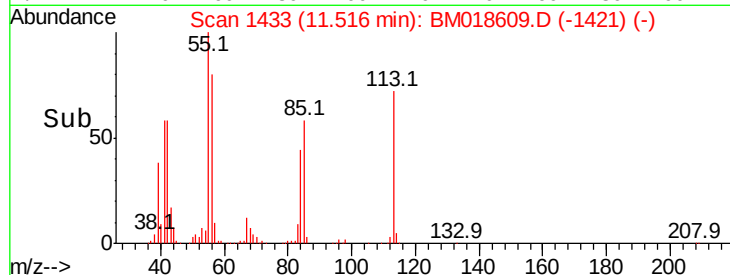
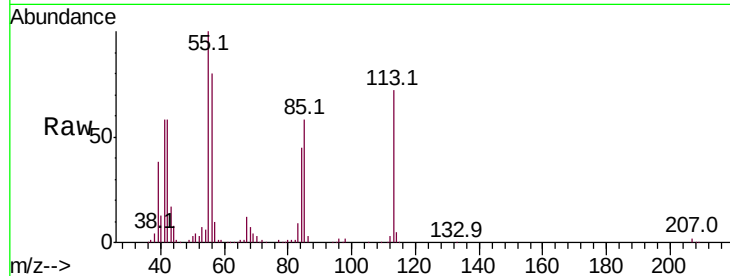
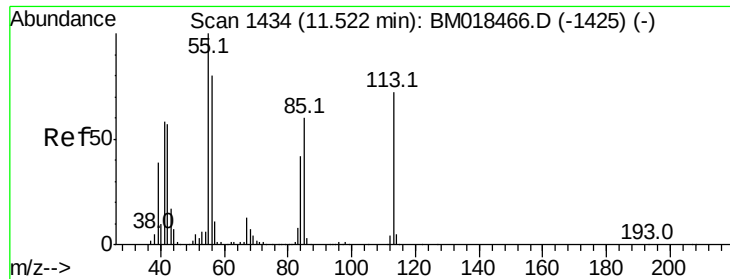
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#34
Hexachlorobutadiene
Concen: 37.772 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.8	76.2		
227	64.0	50.4	75.6		





#35

Caprolactam

Concen: 51.260 ng

RT: 11.52 min Scan# 1433

Delta R.T. -0.03 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 261362

Ion Ratio Lower Upper

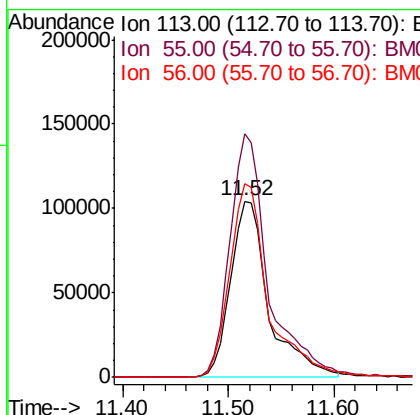
113 100

55 138.1 139.3 179.3#

56 110.1 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 46.388 ng

RT: 11.83 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

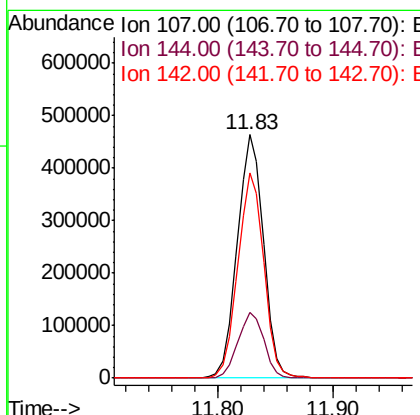
Tgt Ion:107 Resp: 729852

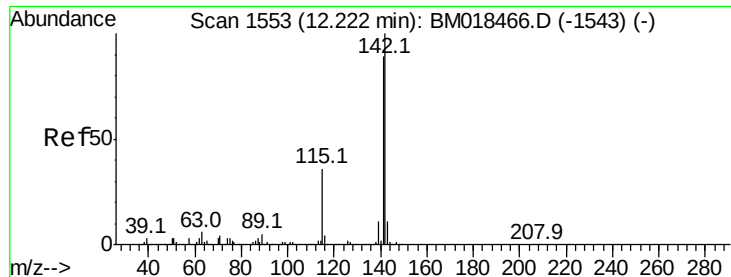
Ion Ratio Lower Upper

107 100

144 27.2 21.9 32.9

142 84.3 67.9 101.9





#37

2-Methylnaphthalene

Concen: 41.273 ng

RT: 12.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

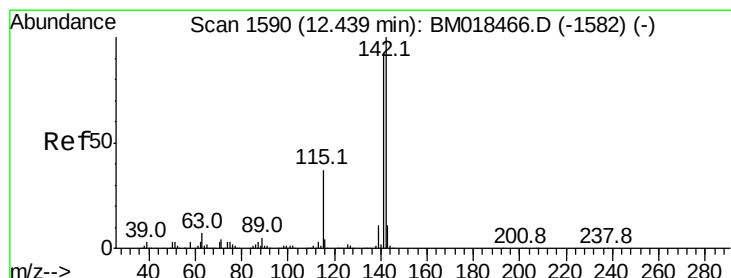
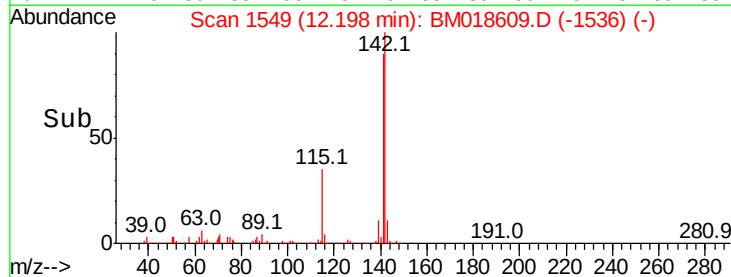
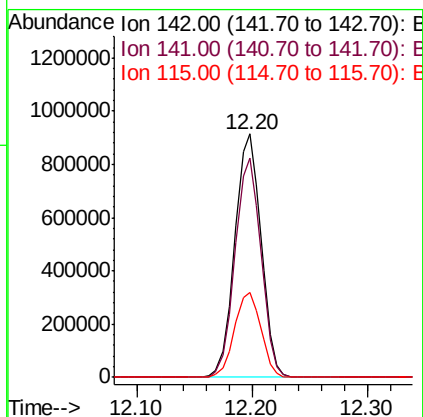
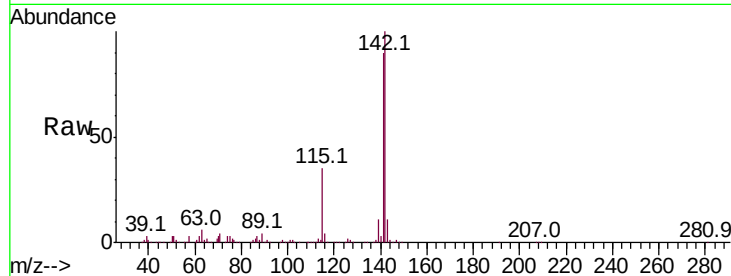
Instrument :
BNA_M

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	34.8	28.0	42.0

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 41.612 ng

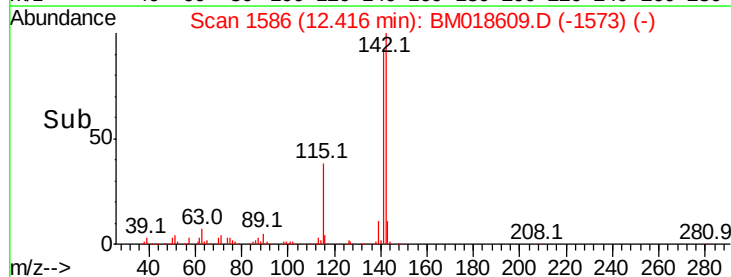
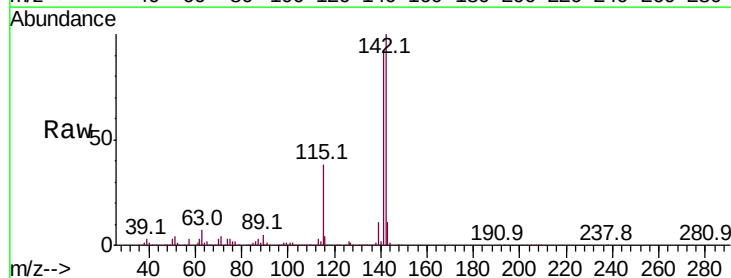
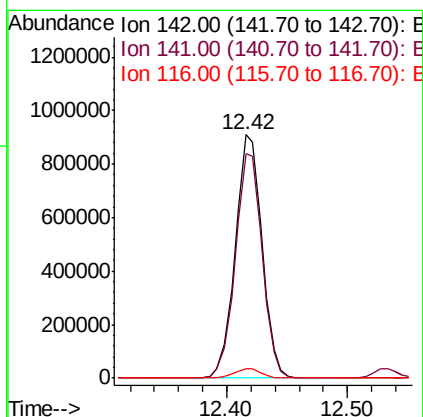
RT: 12.42 min Scan# 1586

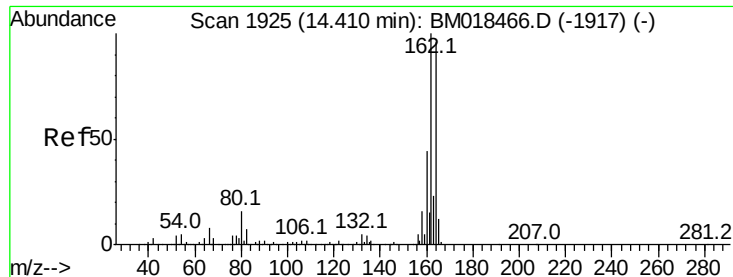
Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.6	113.4
116	4.0	3.0	4.6





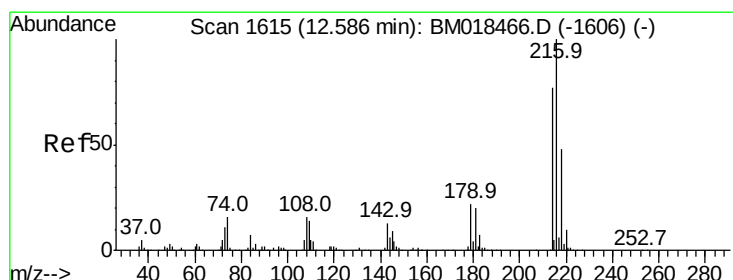
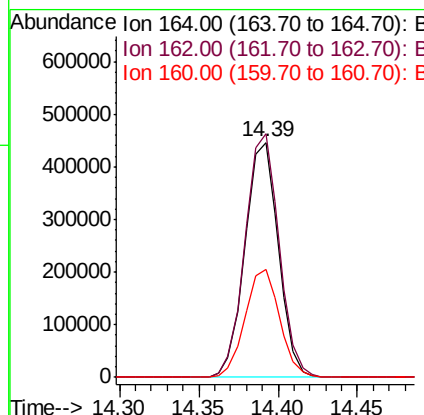
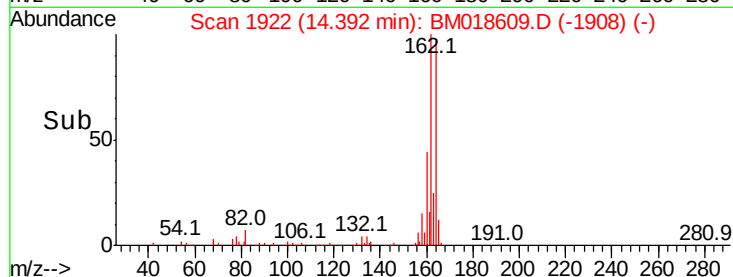
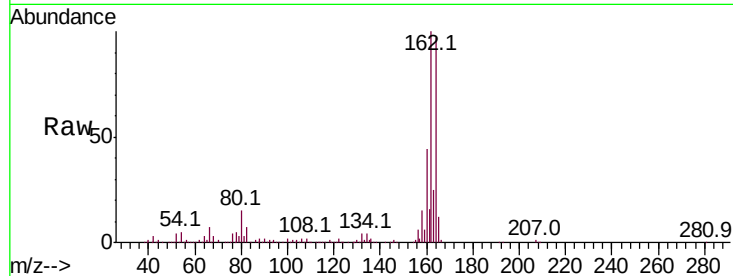
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.4
160	45.7	37.1	55.7

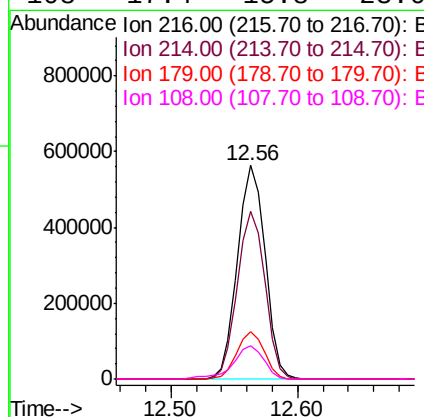
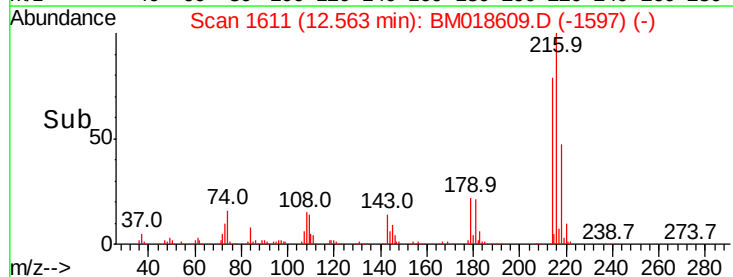
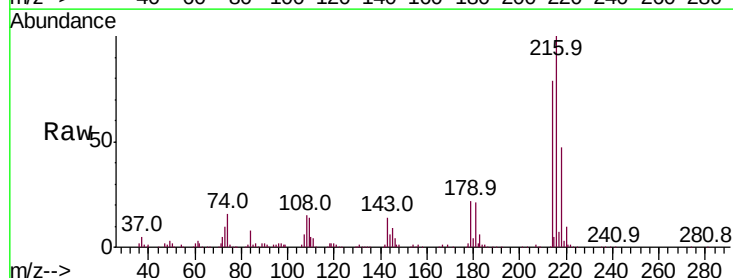
Manual Integrations
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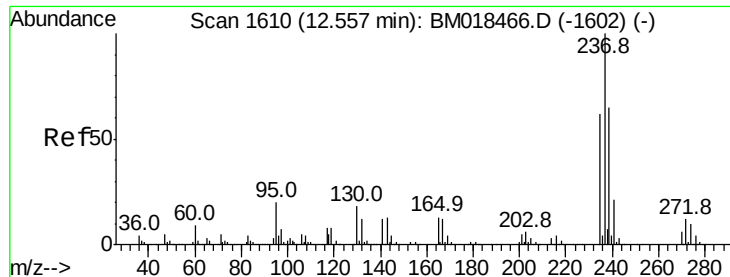
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.304 ng
RT: 12.56 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.0
179	22.0	17.9	26.9
108	17.4	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 35.389 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

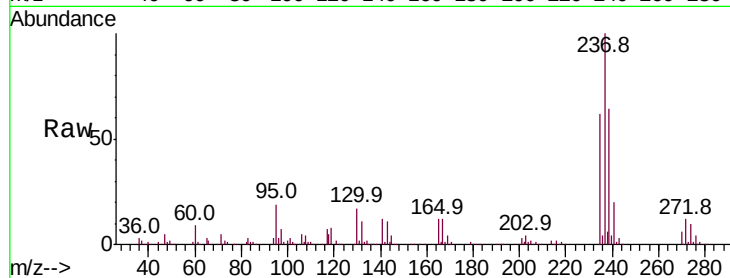
ClientSampleId :

SSTDCCC040

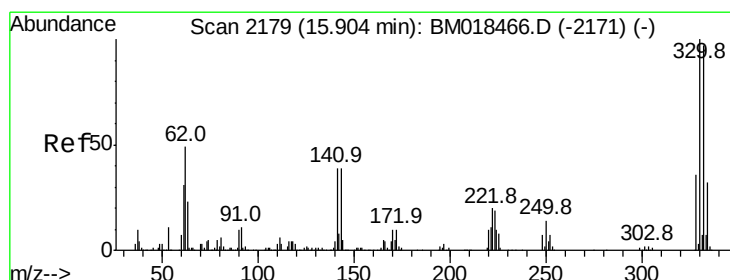
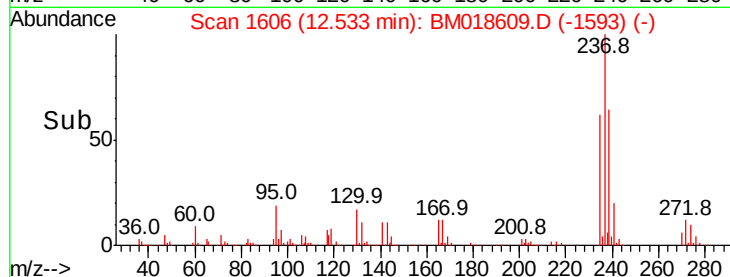
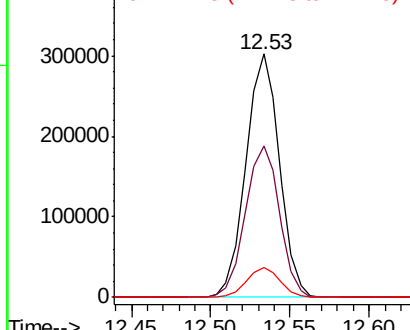
Tot Ion:	237	Resp:	444035
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.8	82.8
272	12.4	0.0	31.9

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: 92.447 ng

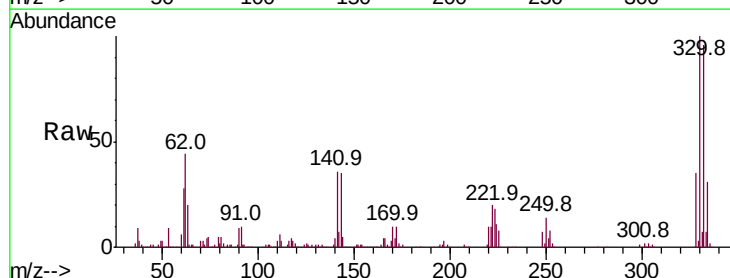
RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

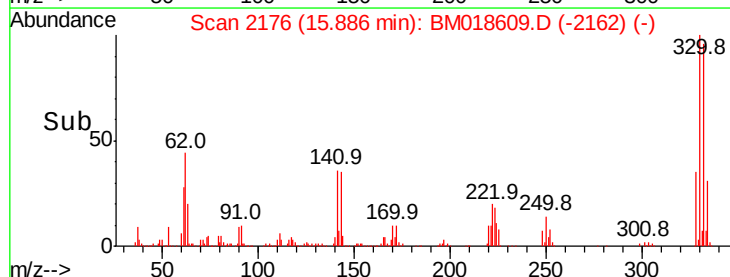
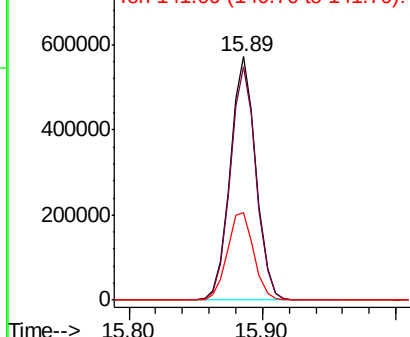
Lab File: BM018609.D

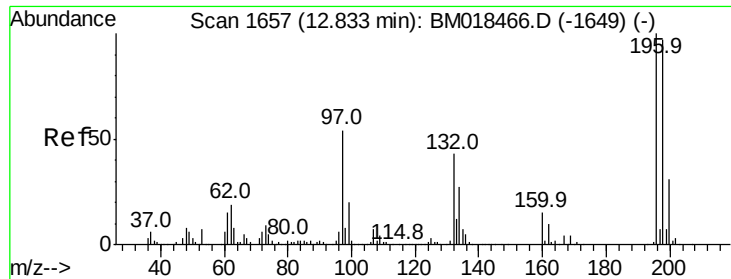
Acq: 17 Jan 2019 12:06

Tgt Ion:	330	Resp:	769541
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.6	116.4
141	37.5	31.7	47.5



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





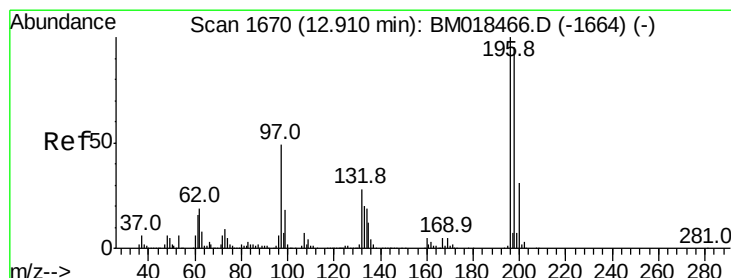
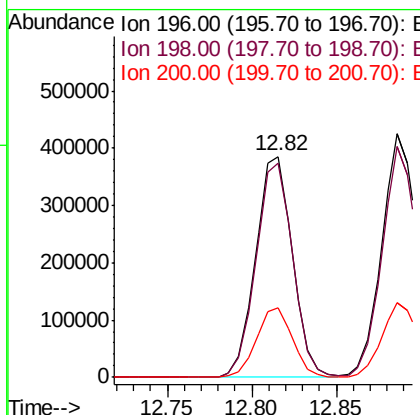
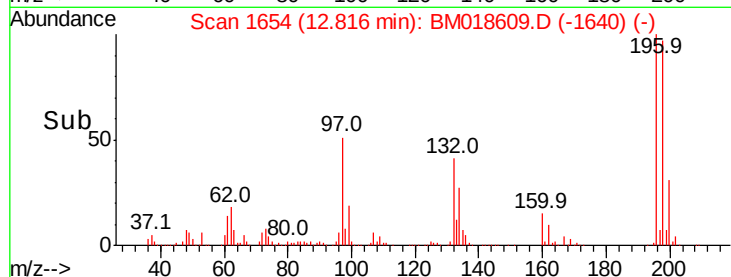
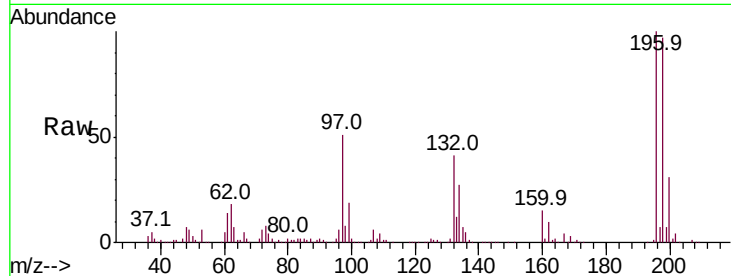
#43
 2,4,6-Trichlorophenol
 Concen: 42.083 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	584236		
198	97.0	76.6	115.0	
200	31.5	24.2	36.4	

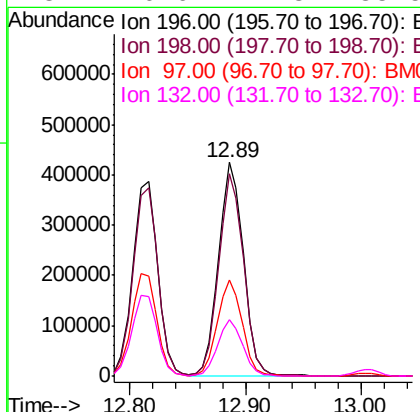
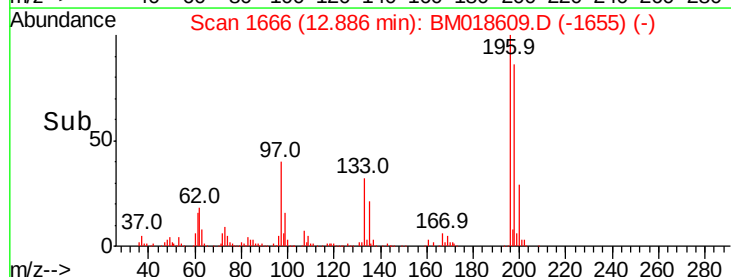
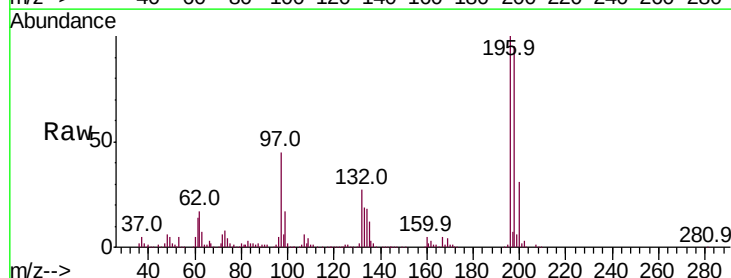
Manual Integrations
 APPROVED

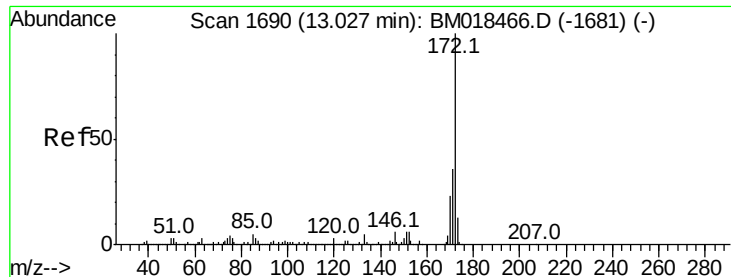
Sohil
 1/18/2019 12:06:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.239 ng
 RT: 12.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	631329		
198	95.0	76.7	115.1	
97	45.1	39.2	58.8	
132	26.6	22.3	33.5	





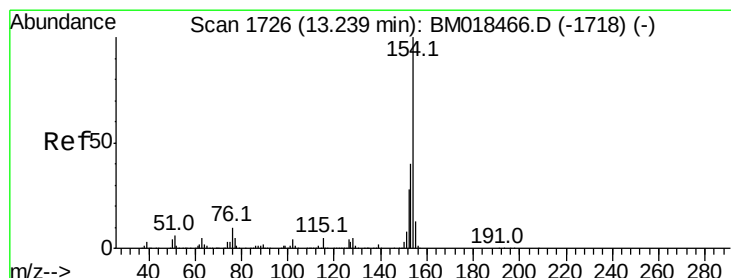
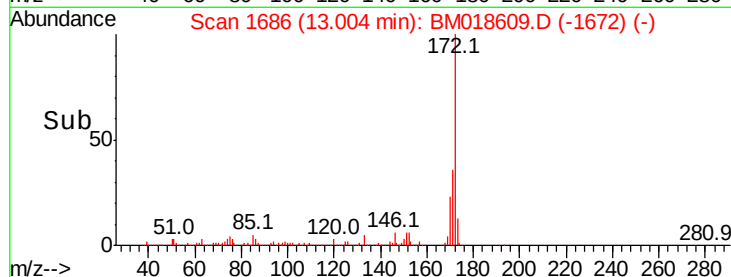
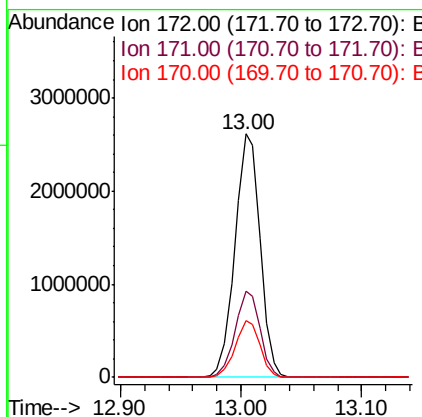
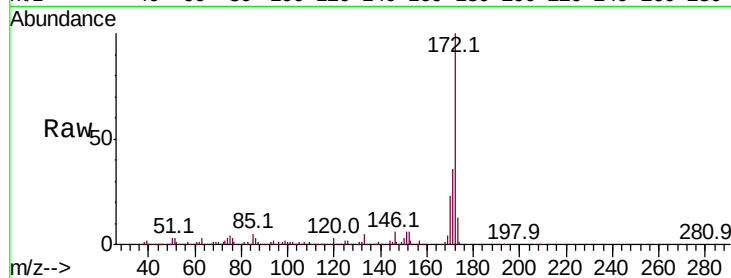
#45
2-Fluorobiphenyl
Concen: 75.828 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.2	18.9	28.3

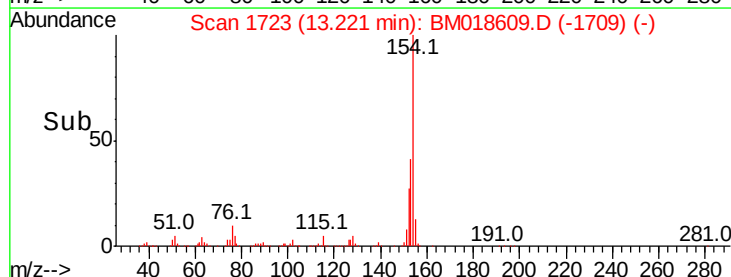
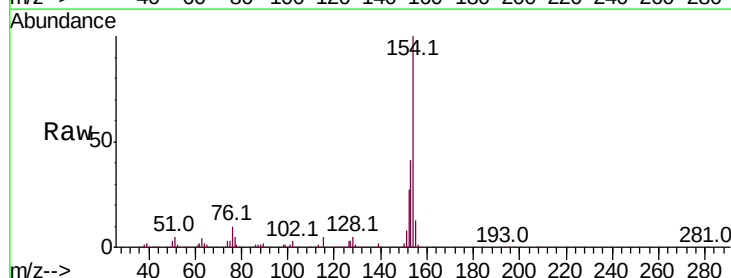
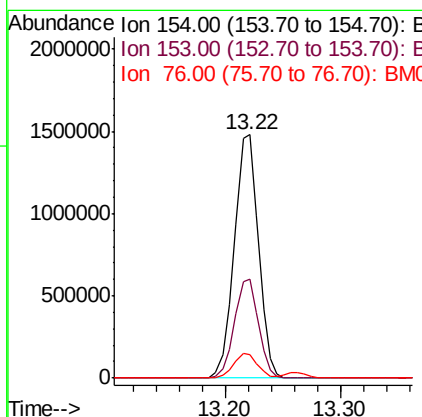
Manual Integrations
APPROVED

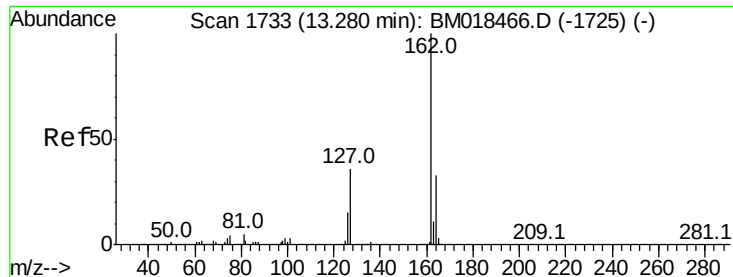
Sohil
1/18/2019 12:06:49 PM



#46
1,1'-Biphenyl
Concen: 37.493 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	9.8	0.0	31.9





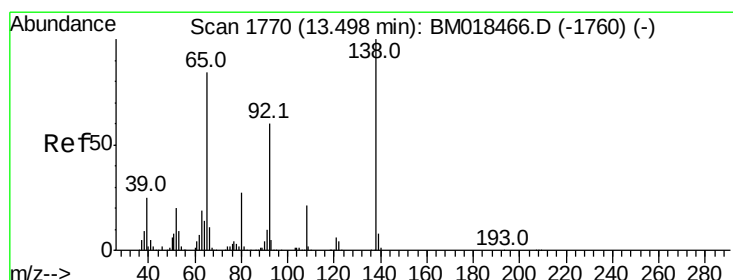
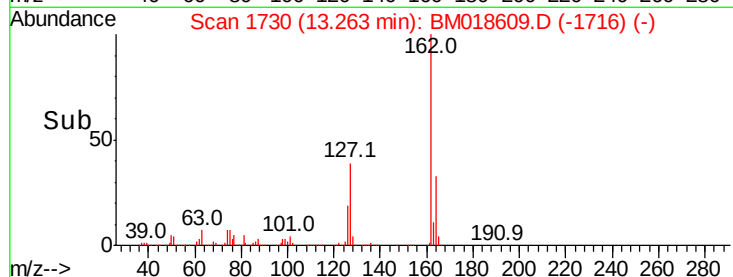
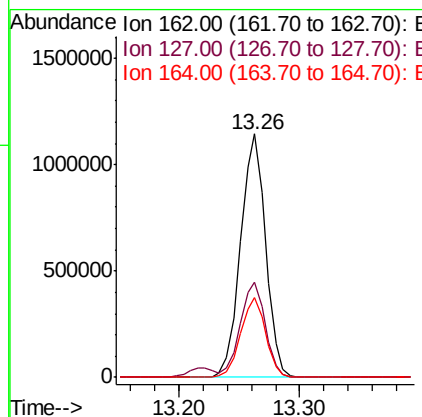
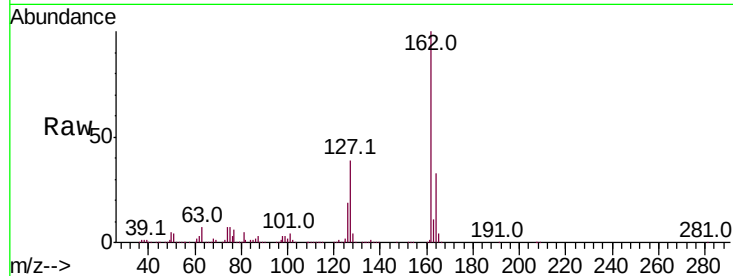
#47
2-Chloronaphthalene
Concen: 37.441 ng
RT: 13.26 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.4	47.0
164	32.9	26.2	39.4

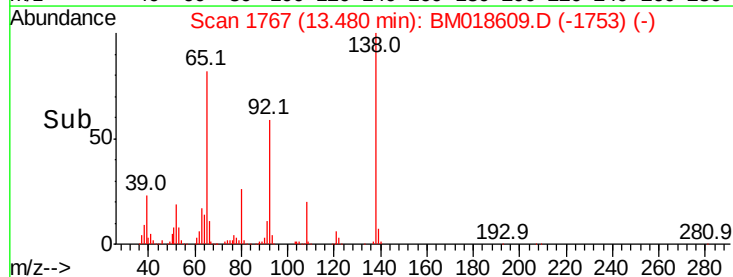
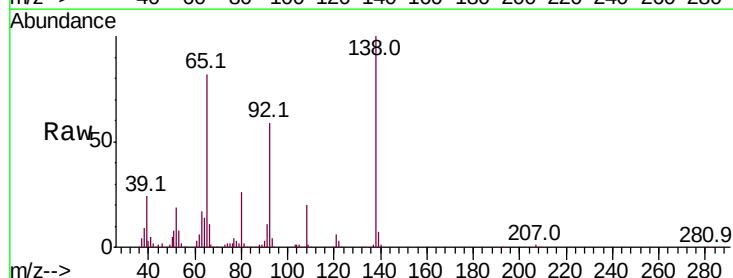
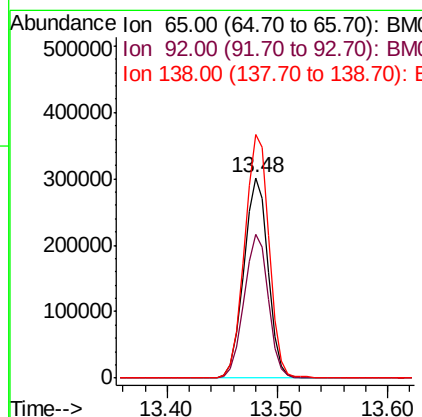
Manual Integrations
APPROVED

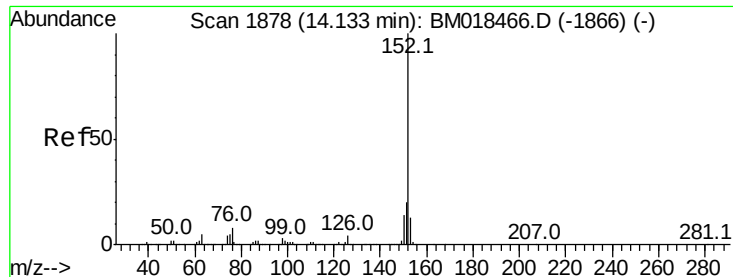
Sohil
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#48
2-Nitroaniline
Concen: 42.822 ng
RT: 13.48 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.4	80.2
138	121.4	88.9	133.3





#49

Acenaphthylene

Concen: 39.464 ng

RT: 14.11 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2545772

Ion Ratio Lower Upper

152 100

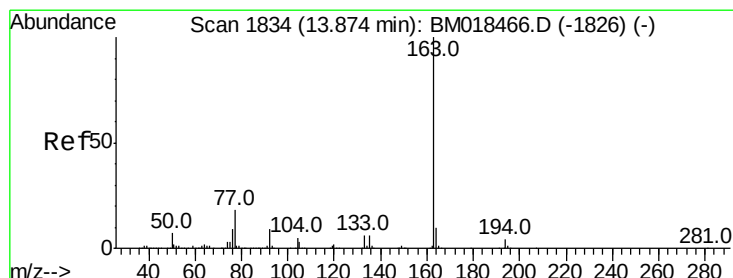
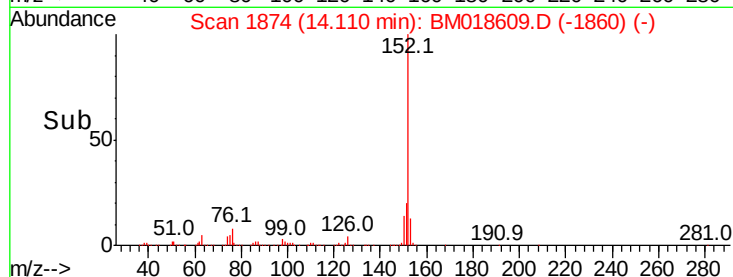
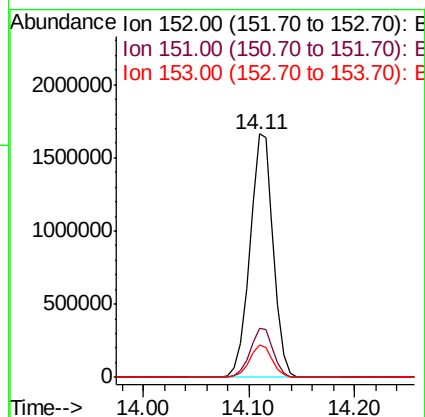
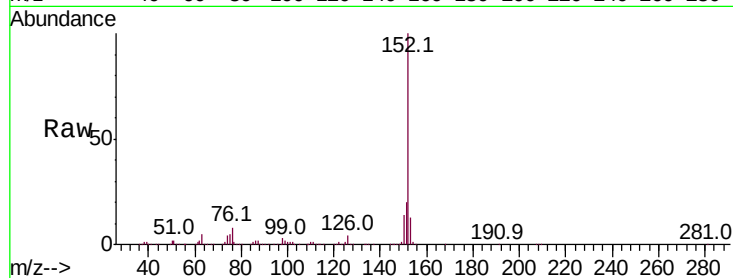
151 19.9 15.7 23.5

153 13.3 10.5 15.7

Manual Integrations
APPROVED

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#50

Dimethylphthalate

Concen: 40.393 ng

RT: 13.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

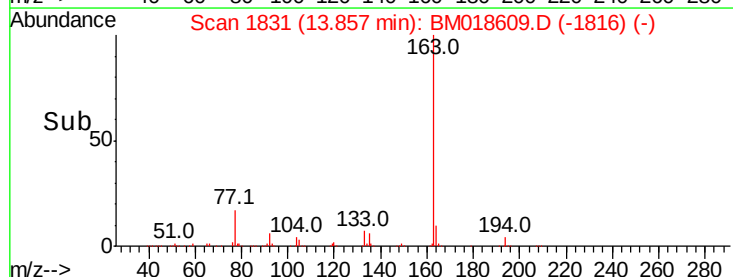
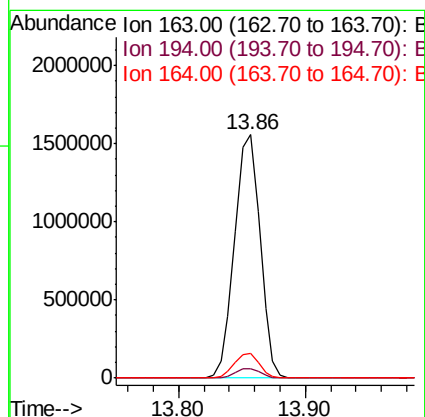
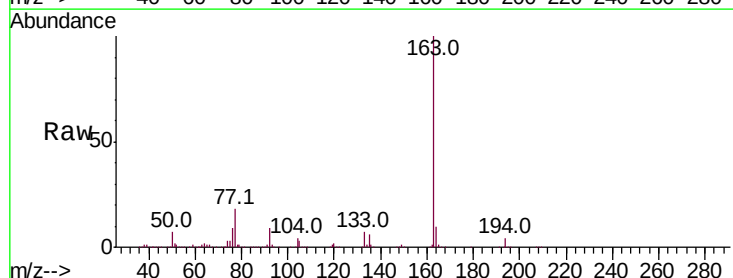
Tgt Ion:163 Resp: 2168737

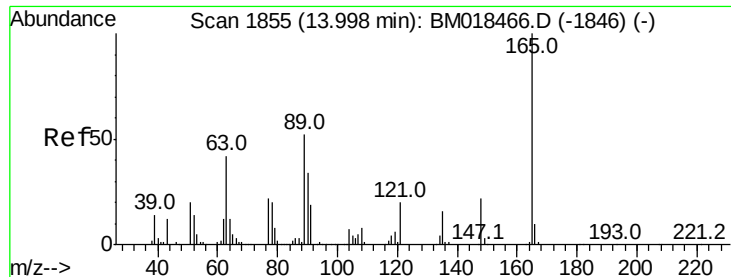
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.1 7.8 11.8





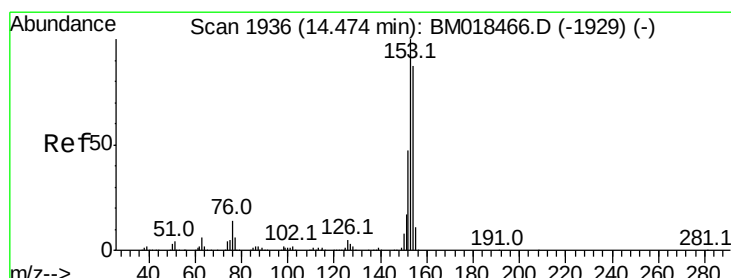
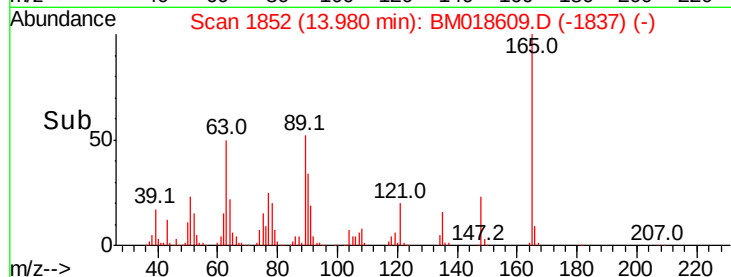
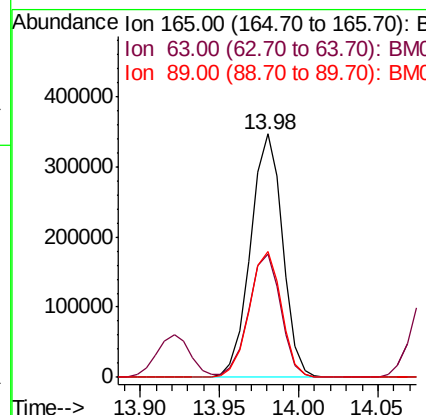
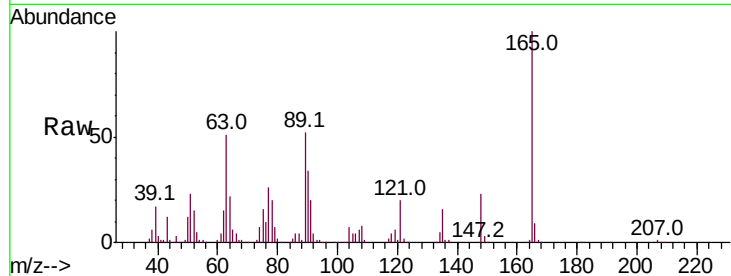
#51
2,6-Dinitrotoluene
Concen: 42.826 ng
RT: 13.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	45.6	68.4
89	51.7	44.6	66.8

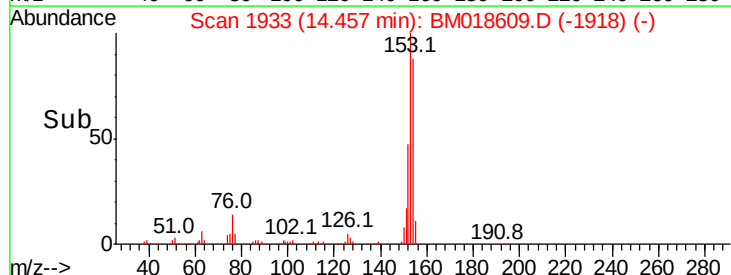
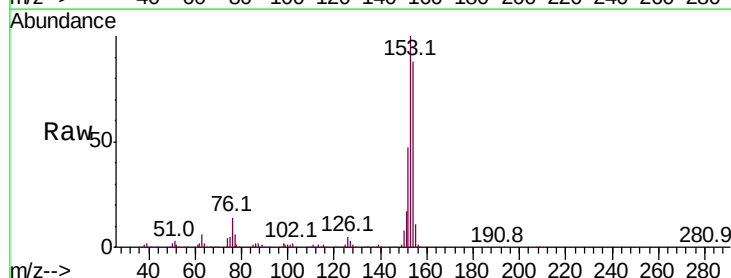
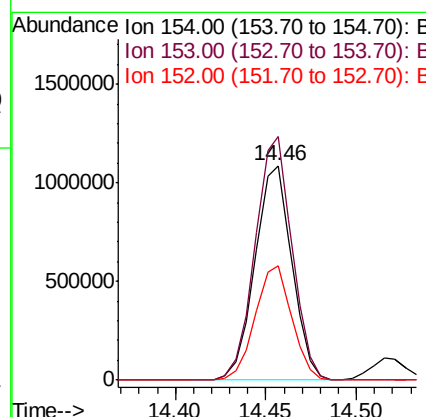
Manual Integrations
APPROVED

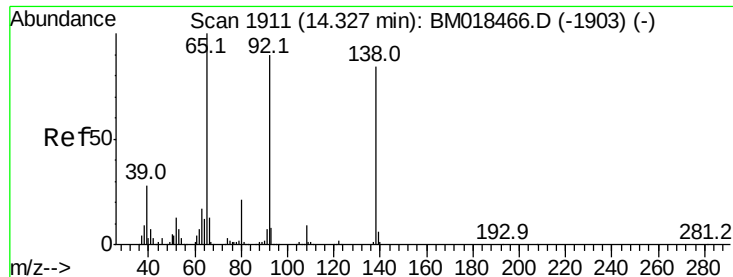
Sohil
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#52
Acenaphthene
Concen: 38.956 ng
RT: 14.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.3	138.5
152	53.6	43.8	65.6





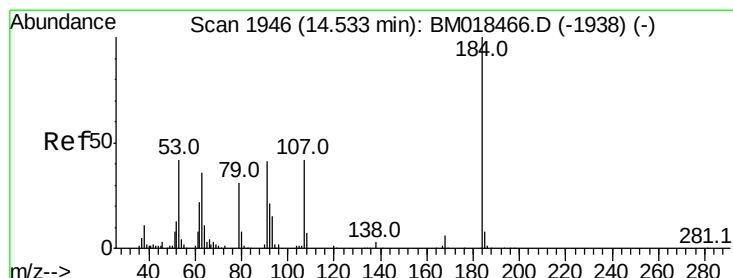
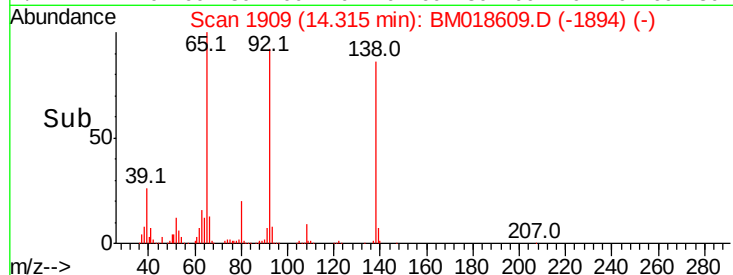
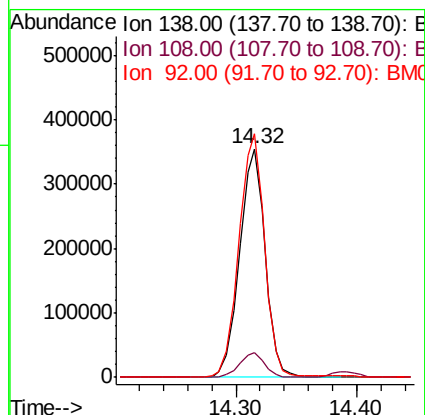
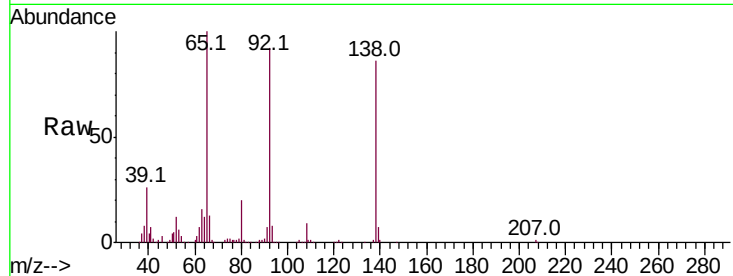
#53
3-Nitroaniline
Concen: 45.652 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	106.4	88.2	132.2

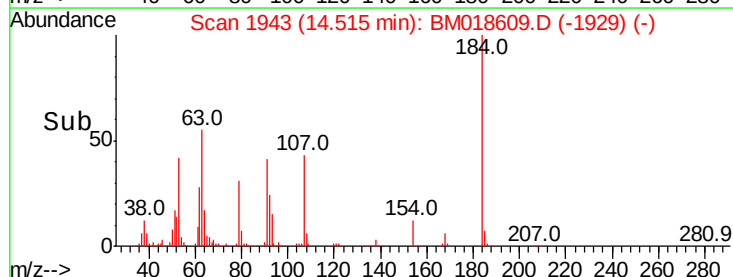
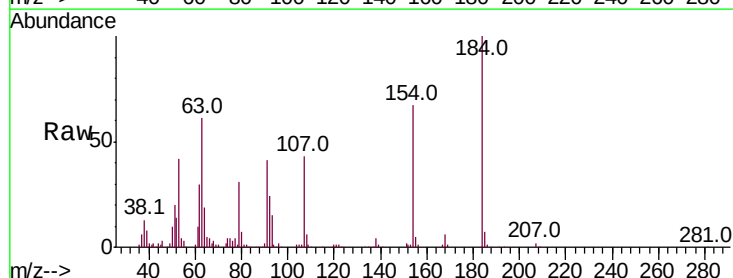
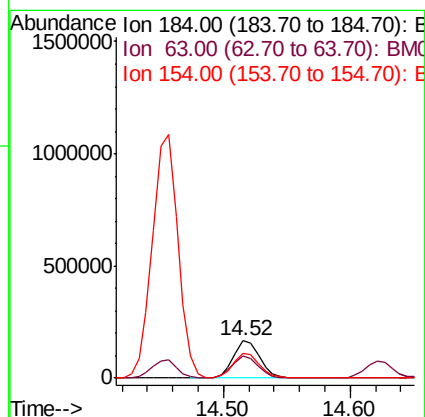
Manual Integrations
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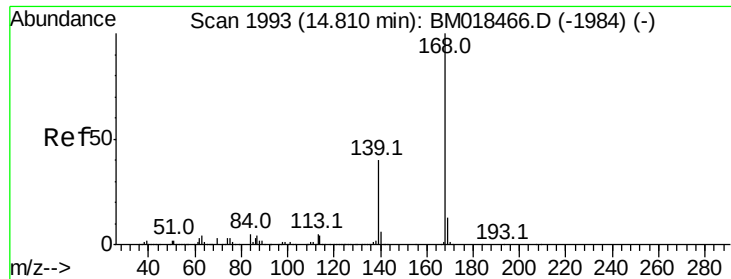
Sohil
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#54
2,4-Dinitrophenol
Concen: 43.054 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	55.9	83.9
154	66.7	54.2	81.4





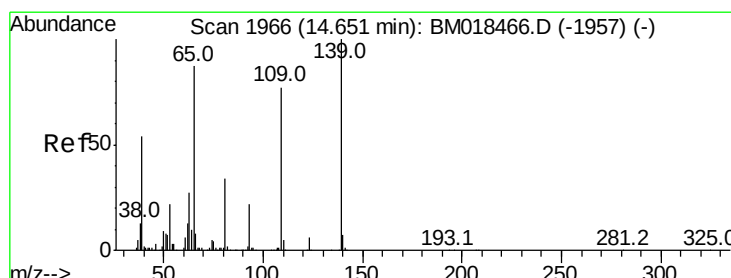
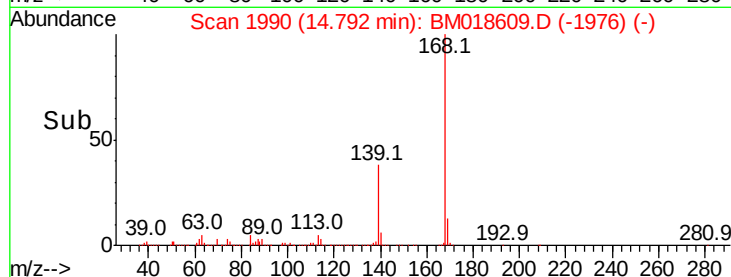
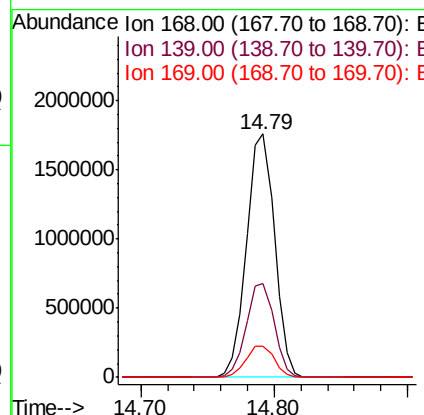
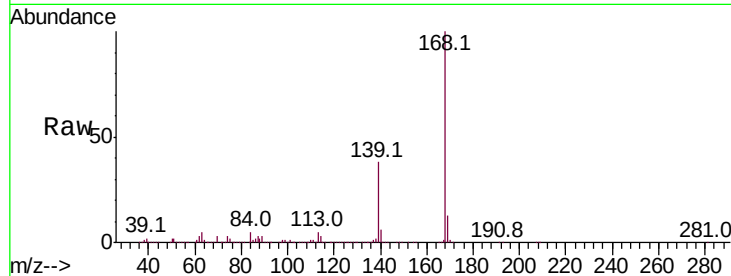
#55
Dibenzofuran
Concen: 38.977 ng
RT: 14.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.3	45.5
169	13.0	10.6	16.0

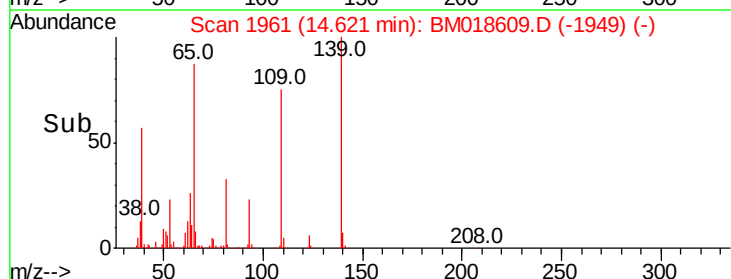
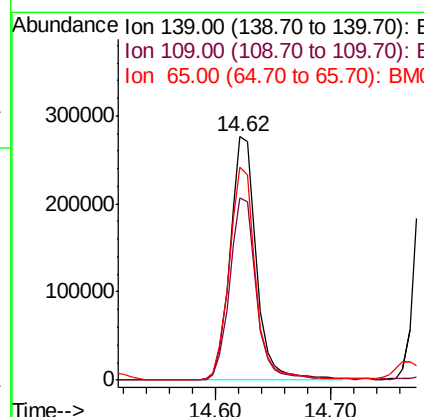
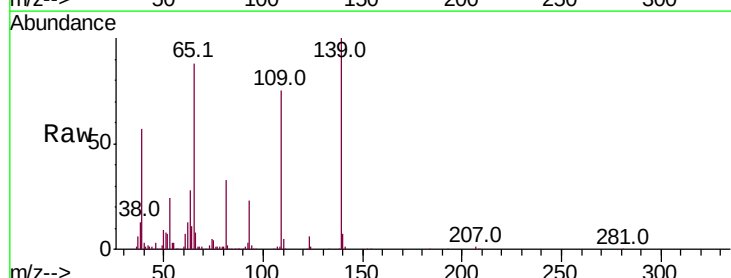
Manual Integrations
APPROVED

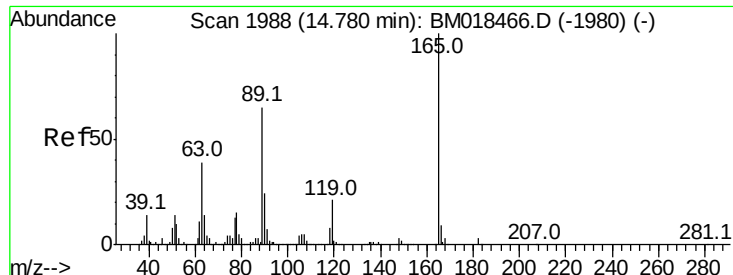
Sohil
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#56
4-Nitrophenol
Concen: 43.853 ng
RT: 14.62 min Scan# 1961
Delta R.T. -0.03 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.6	51.7	91.7
65	87.6	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 43.162 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

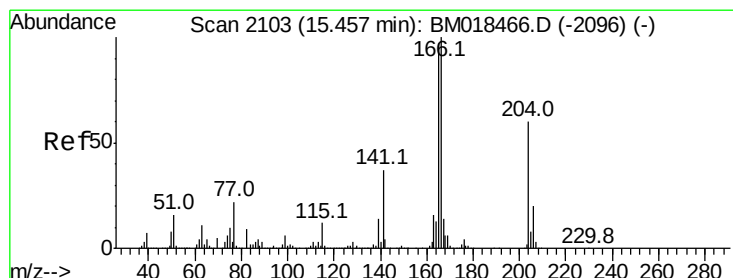
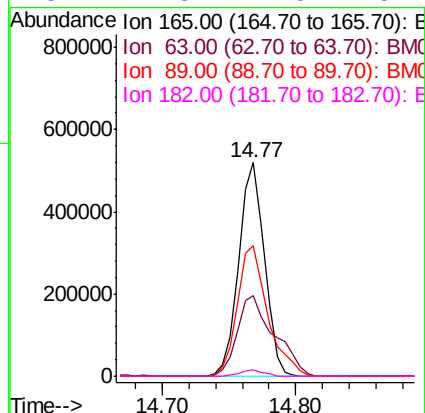
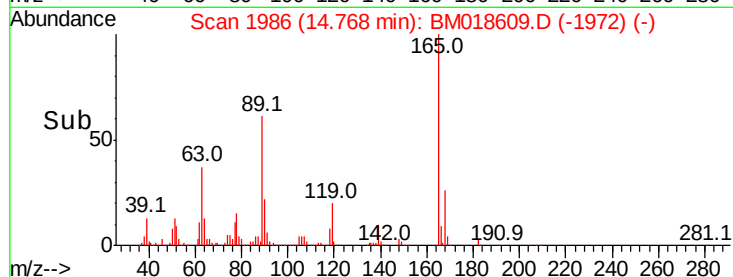
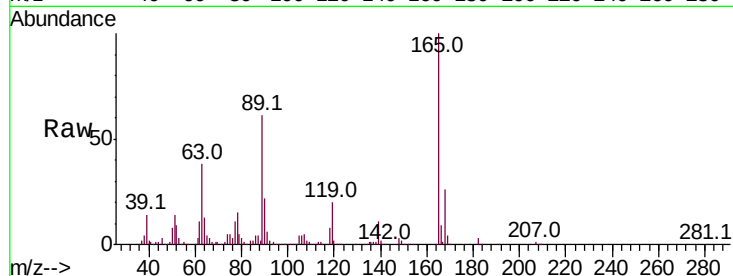
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.7	32.2	48.2
89	61.3	52.1	78.1
182	2.8	2.5	3.7

Manual Integrations
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1/18/2019 12:06:49 PM



#58

Fluorene

Concen: 40.340 ng

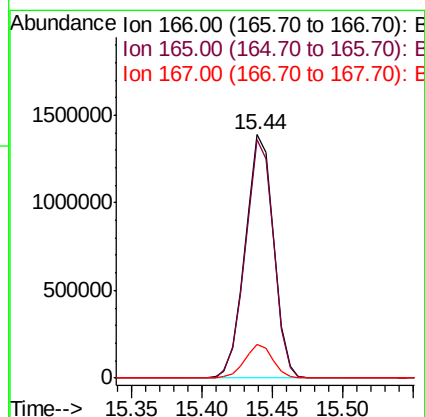
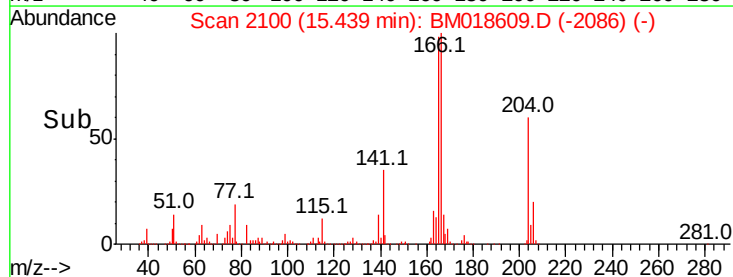
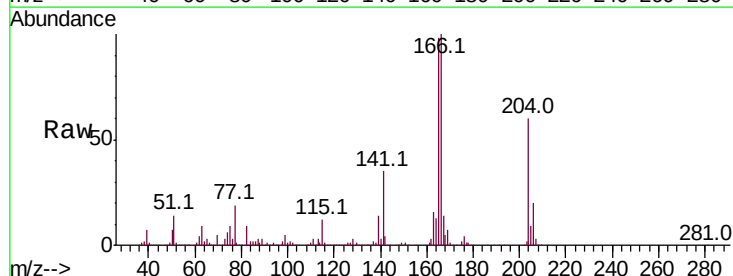
RT: 15.44 min Scan# 2100

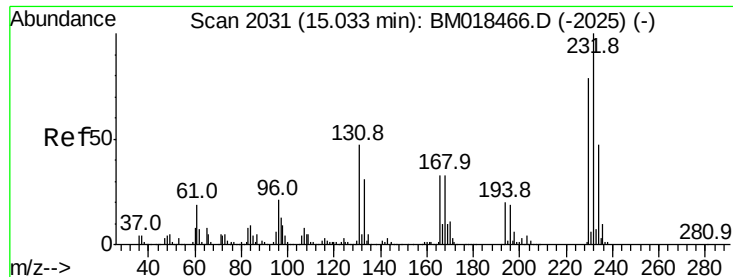
Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.3	117.5
167	13.9	10.9	16.3





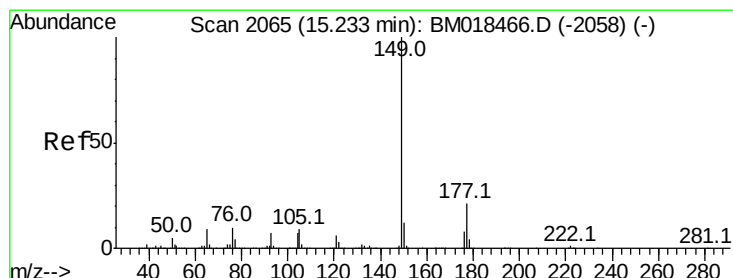
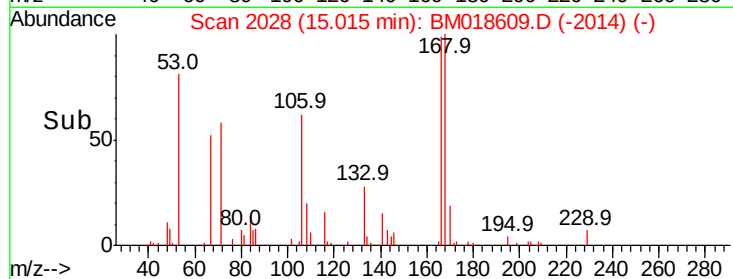
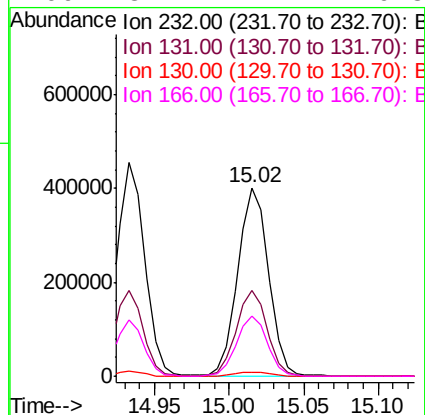
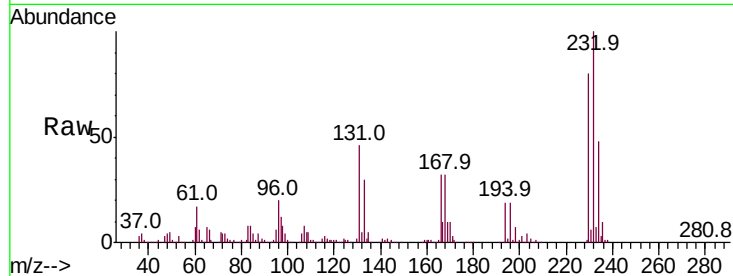
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.381 ng
RT: 15.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	38.6	57.8
130	2.5	2.2	3.4
166	32.1	27.2	40.8

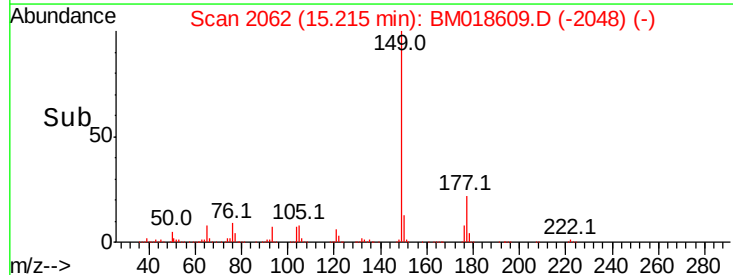
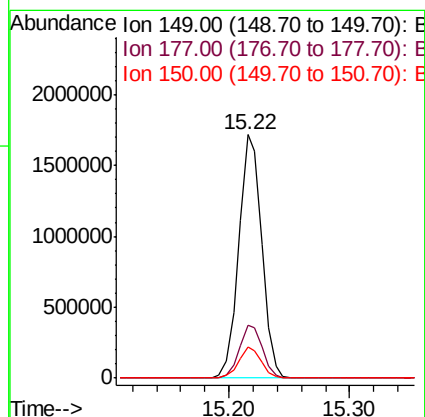
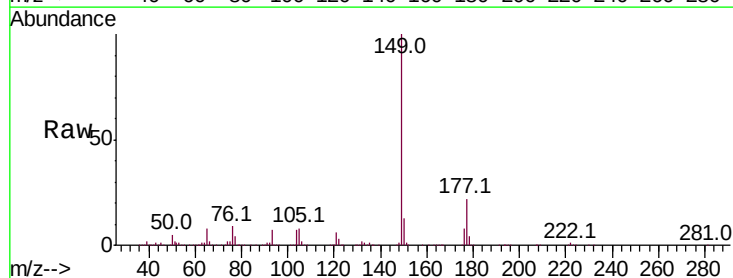
Manual Integrations
APPROVED

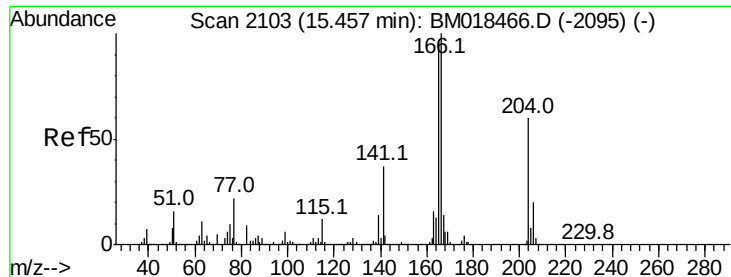
Sohil
1/18/2019 12:06:49 PM



#60
Diethylphthalate
Concen: 41.947 ng
RT: 15.22 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.7	9.8	14.6





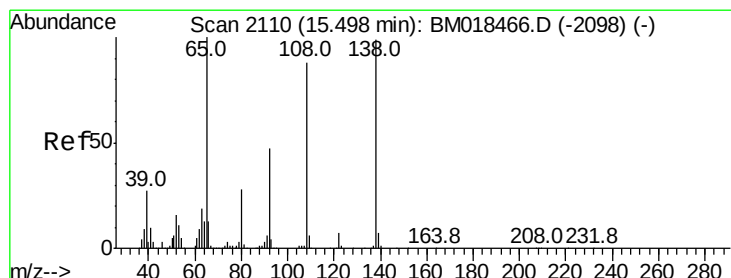
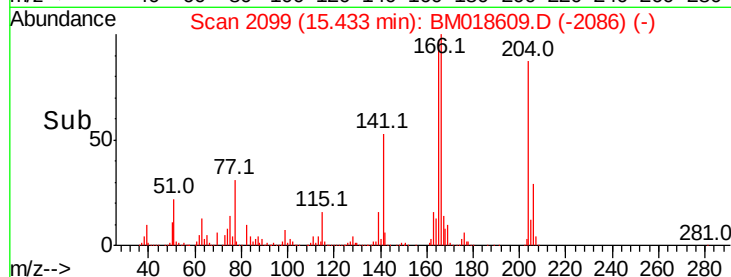
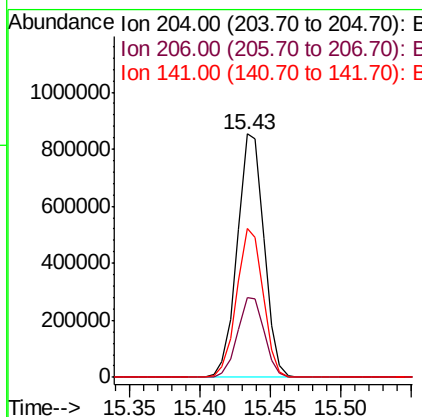
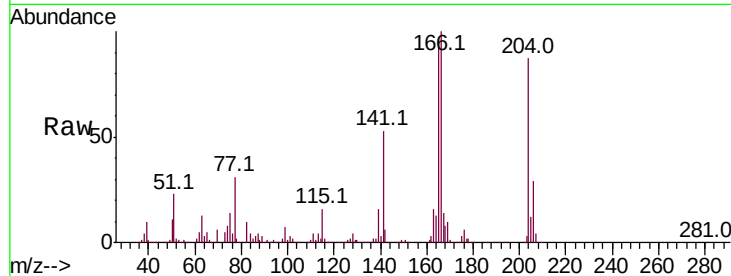
#61
4-Chlorophenyl-phenylether
Concen: 40.237 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion:204 Resp: 1126641
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 60.9 49.5 74.3

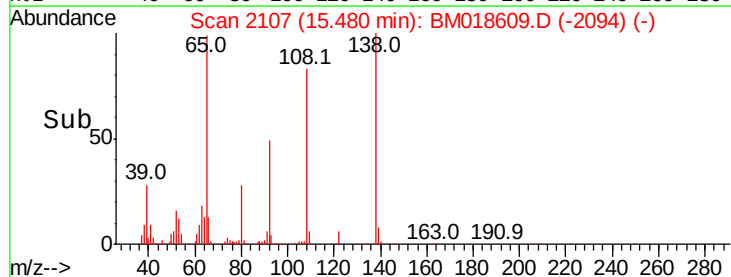
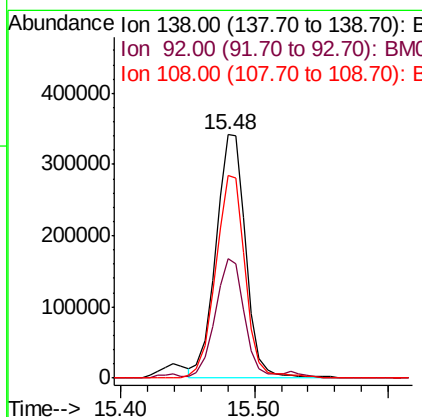
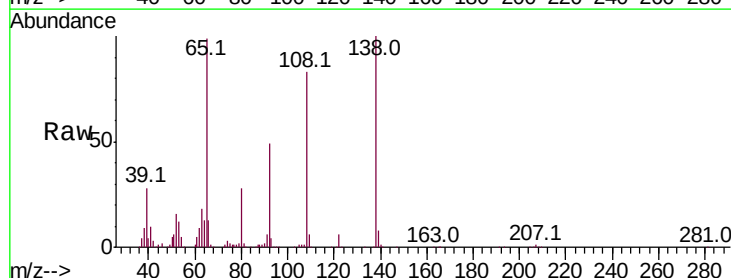
Manual Integrations
APPROVED

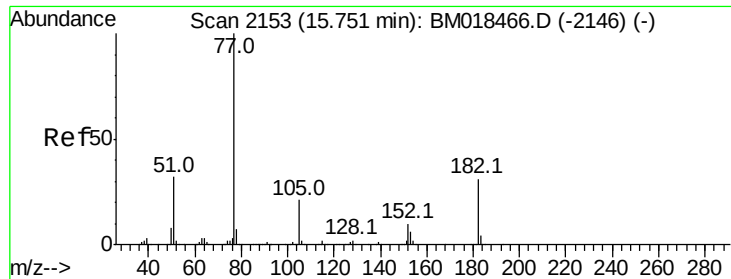
Sohil
1/18/2019 12:06:49 PM



#62
4-Nitroaniline
Concen: 42.627 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion:138 Resp: 533107
Ion Ratio Lower Upper
138 100
92 49.2 29.0 69.0
108 83.1 63.9 103.9





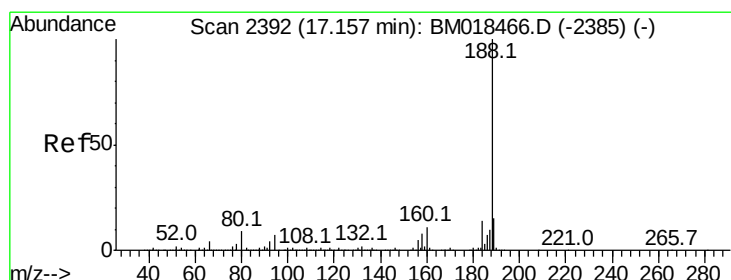
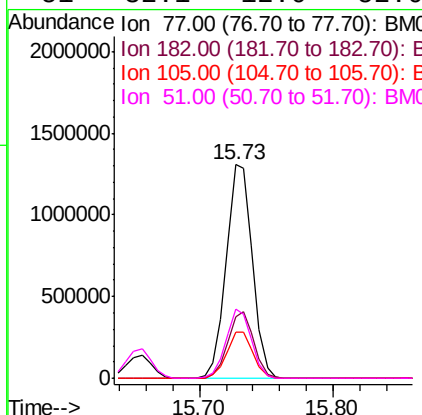
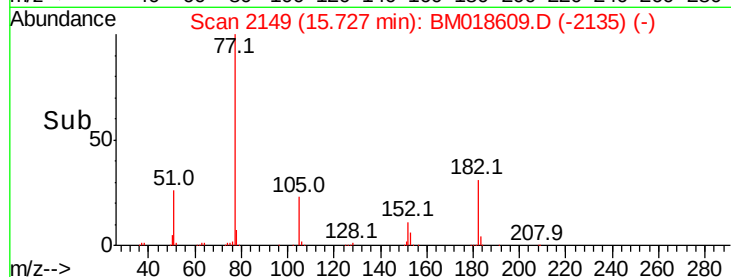
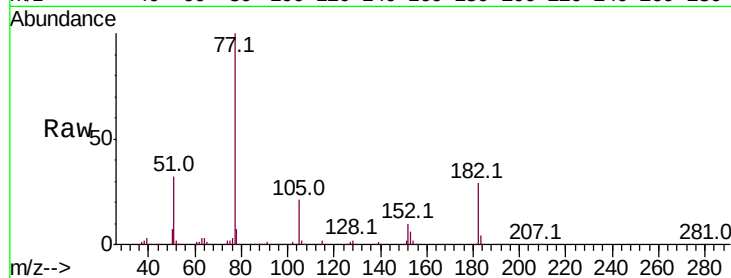
#63
Azobenzene
Concen: 40.734 ng
RT: 15.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.4	47.4
105	21.4	0.0	39.6
51	32.1	12.0	52.0

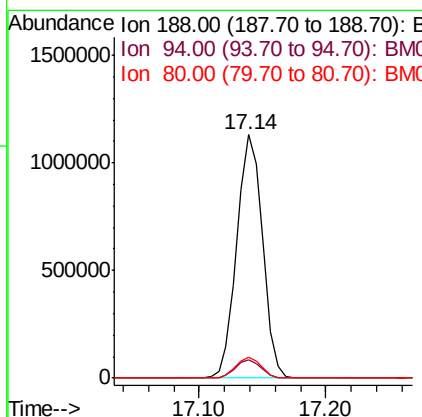
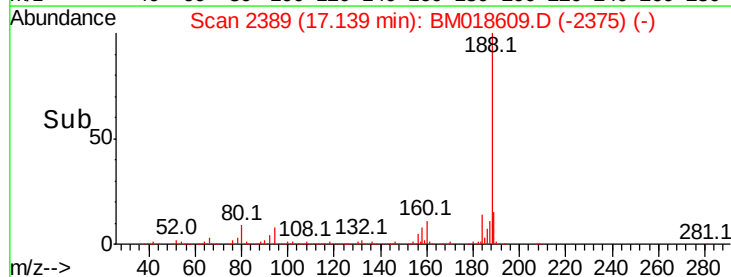
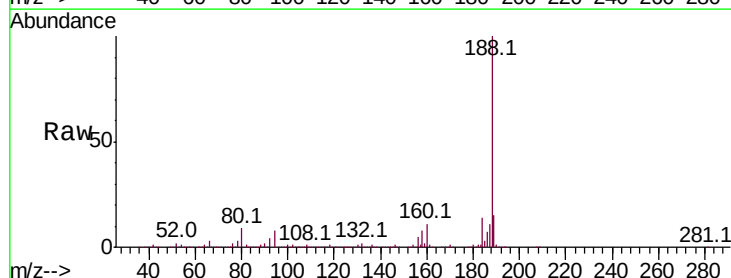
Manual Integrations
APPROVED

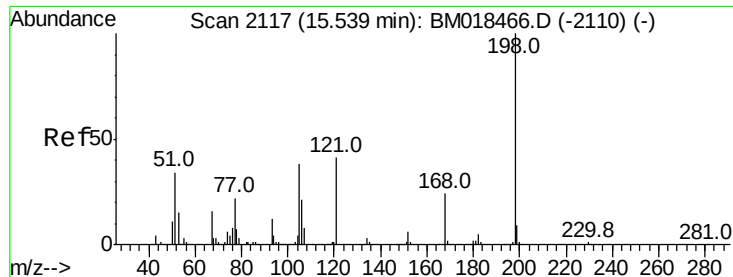
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.5	7.6	11.4





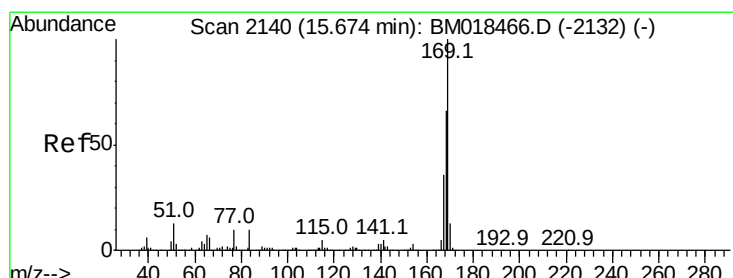
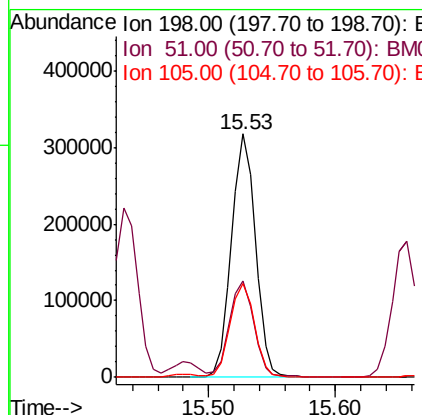
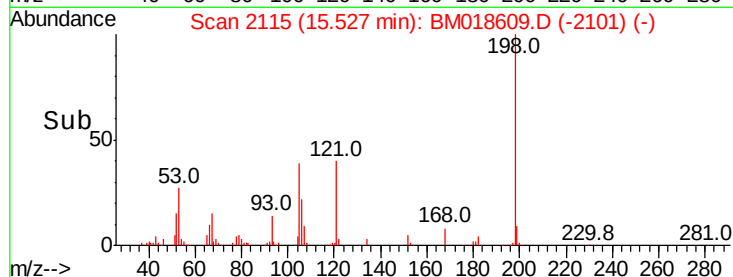
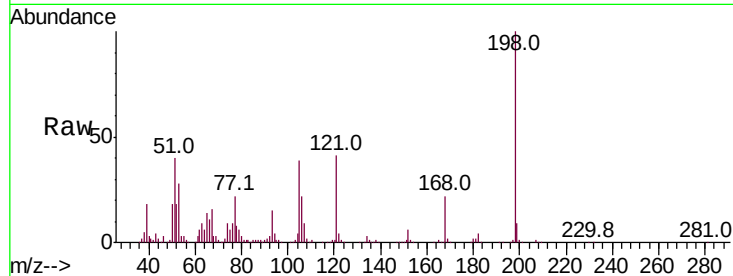
#65
4,6-Dinitro-2-methylphenol
Concen: 42.077 ng
RT: 15.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	417240		
51	39.5	29.6	69.6	
105	38.7	25.5	65.5	

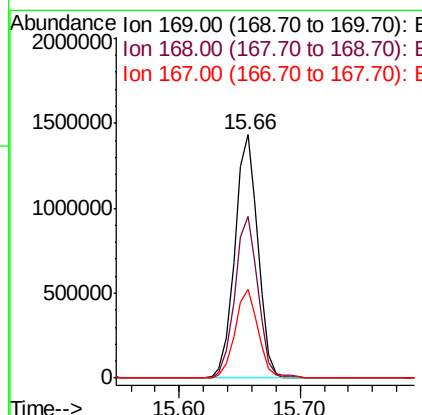
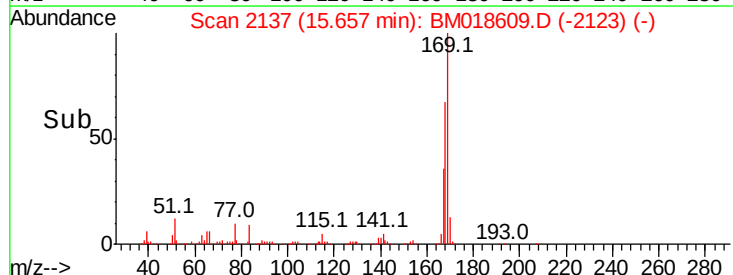
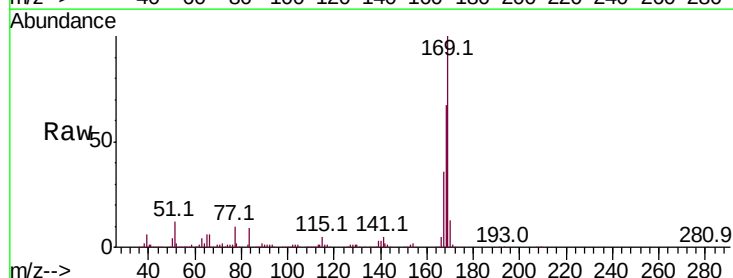
Manual Integrations
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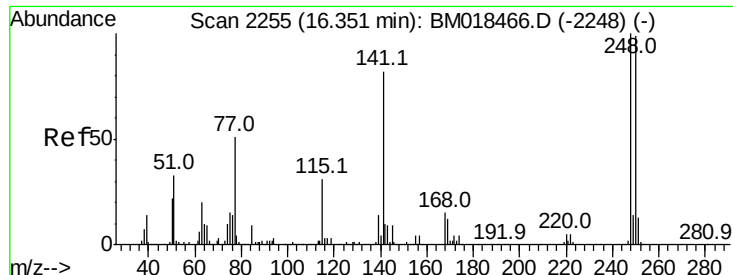
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 38.667 ng
RT: 15.66 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1899806		
168	66.6	54.1	81.1	
167	36.2	28.6	42.8	





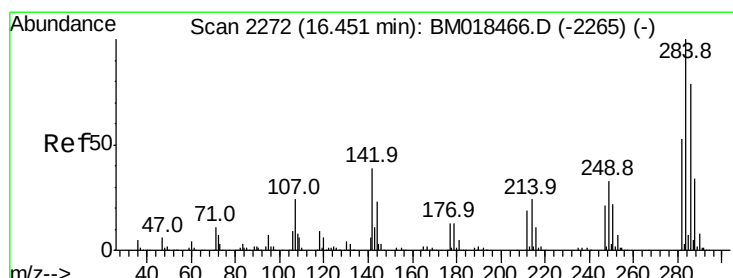
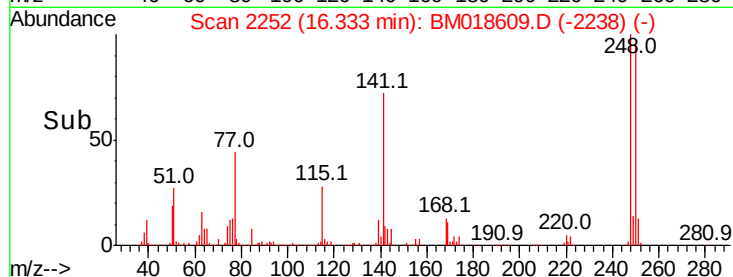
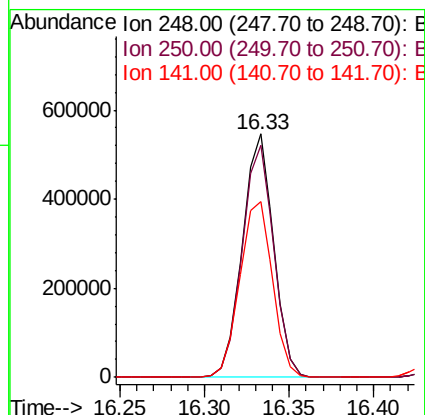
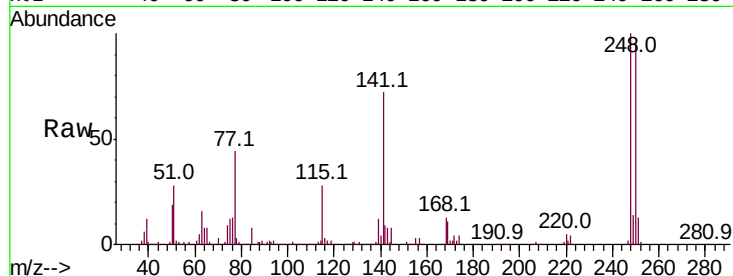
#67
4-Bromophenyl-phenylether
Concen: 39.542 ng
RT: 16.33 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.0	114.0
141	72.0	61.5	92.3

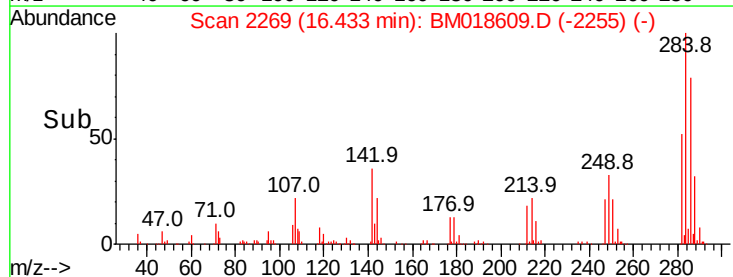
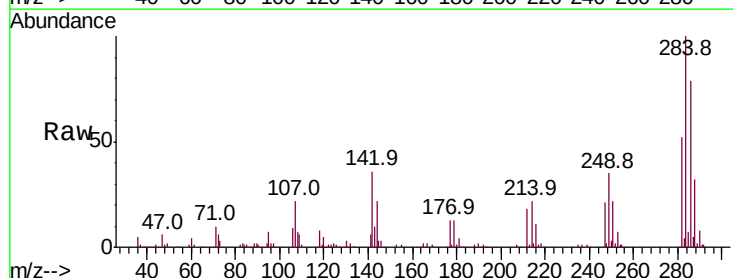
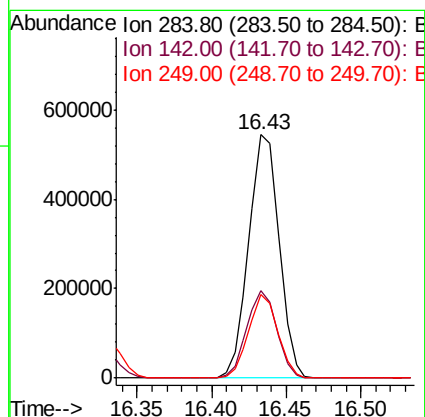
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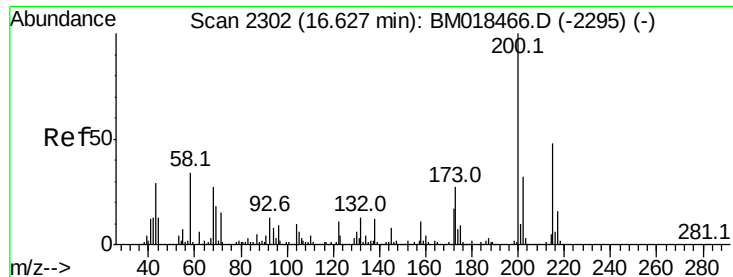
Sohil
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#68
Hexachlorobenzene
Concen: 38.772 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	29.2	43.8
249	34.5	26.1	39.1





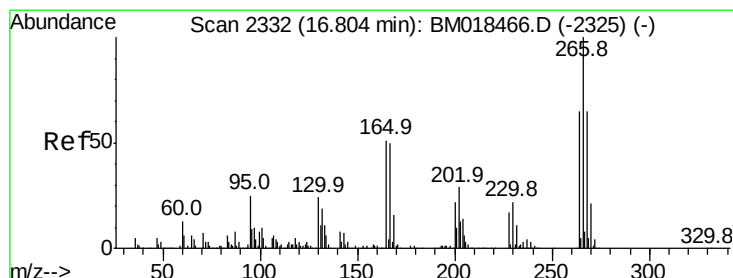
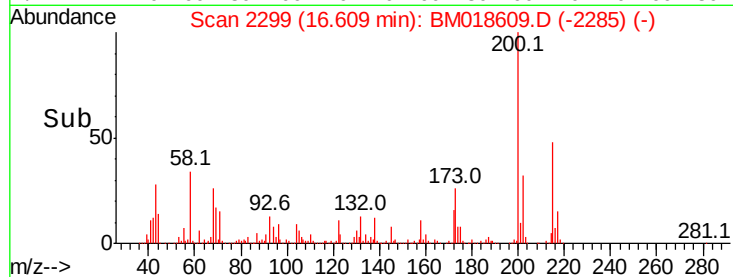
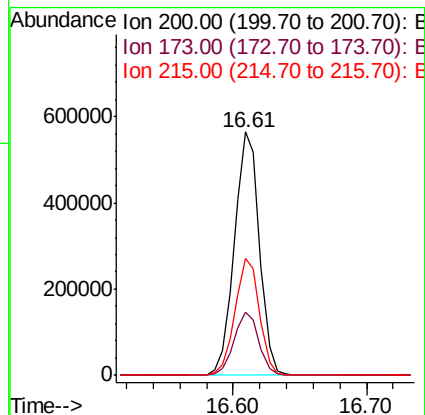
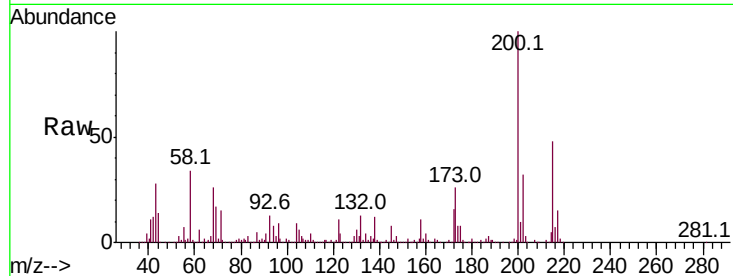
#69
Atrazine
Concen: 41.352 ng
RT: 16.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.2	47.2
215	47.9	28.3	68.3

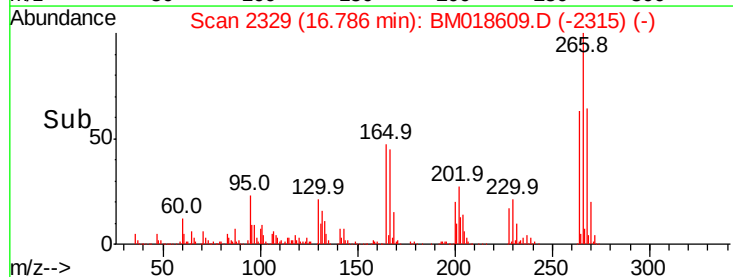
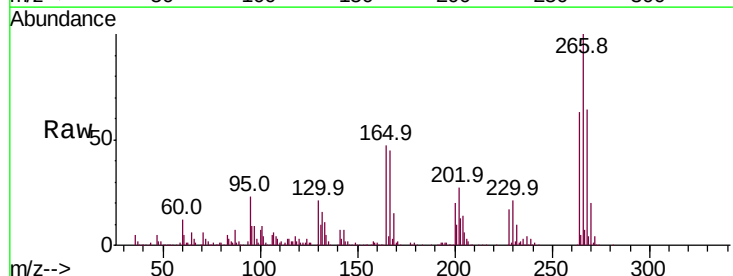
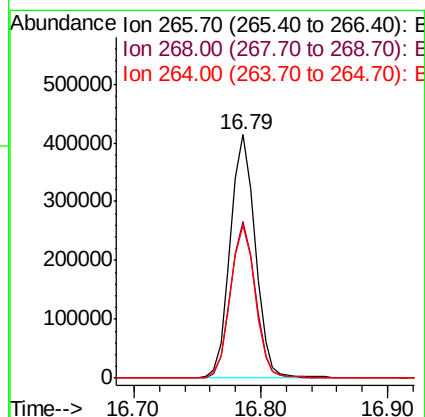
Manual Integrations
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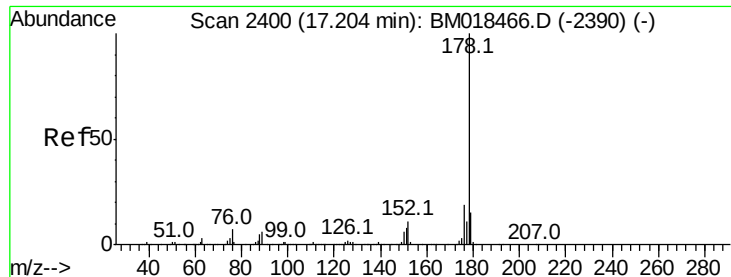
Sohil
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#70
Pentachlorophenol
Concen: 43.484 ng
RT: 16.79 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.8	74.6
264	62.9	50.1	75.1





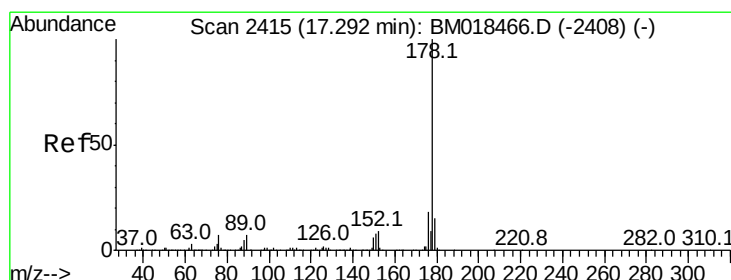
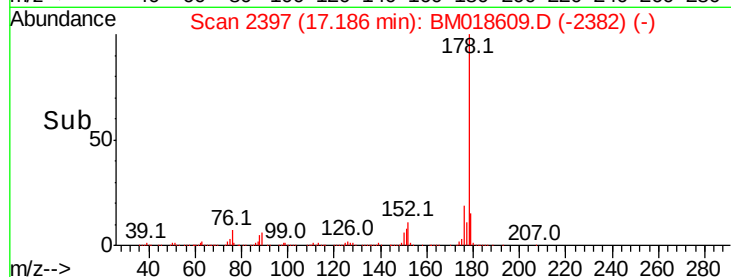
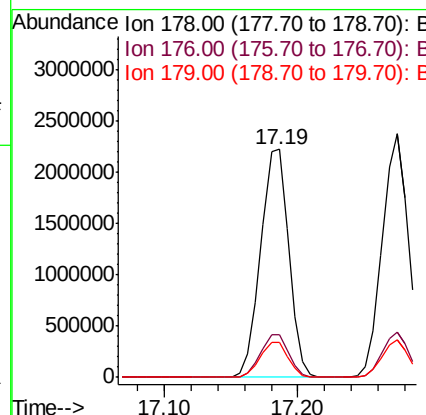
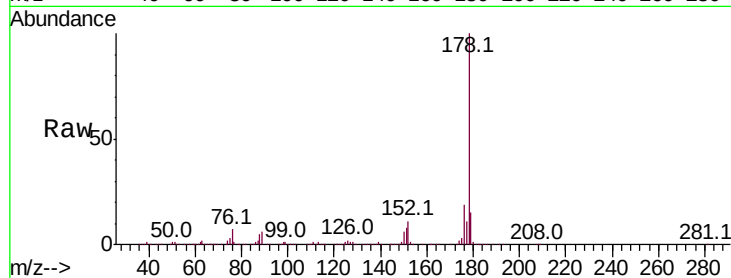
#71
Phenanthrene
Concen: 38.390 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.3	12.2	18.4

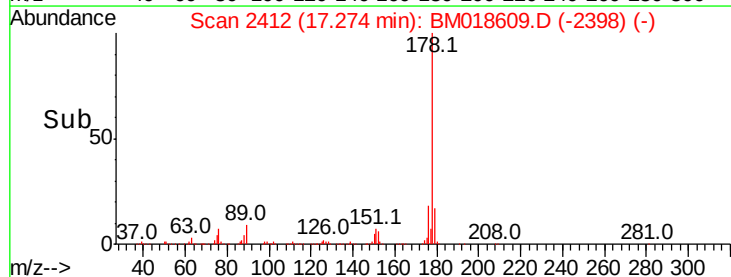
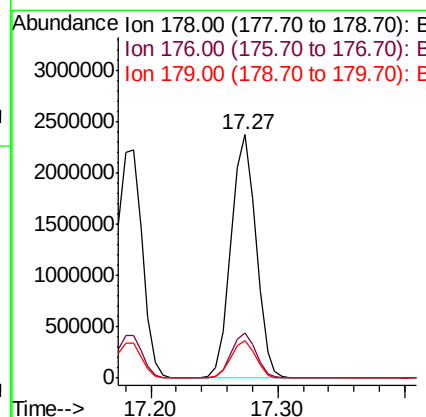
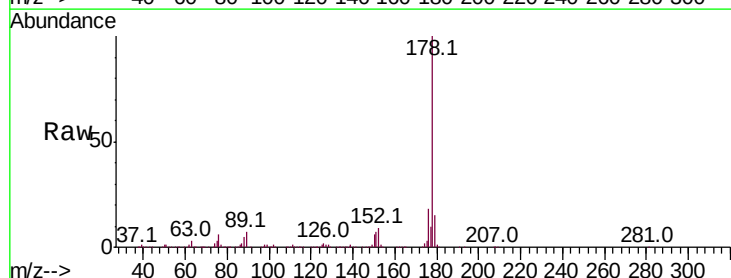
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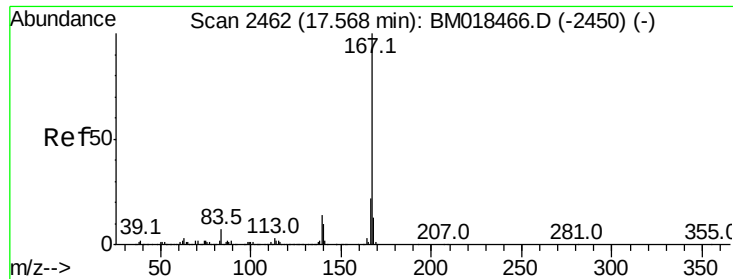
Sohil
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#72
Anthracene
Concen: 39.810 ng
RT: 17.27 min Scan# 2412
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.2	18.4





#73

Carbazole

Concen: 40.560 ng

RT: 17.55 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 3375942

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	13.0	10.6	16.0

167 100

166 21.3 17.4 26.2

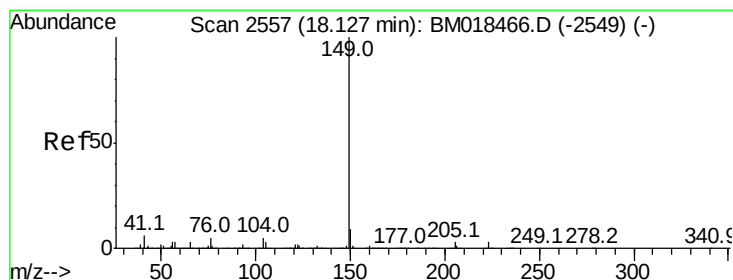
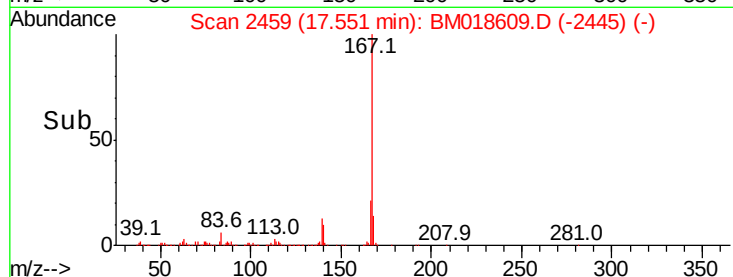
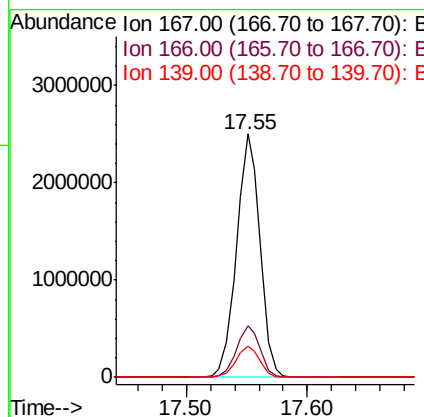
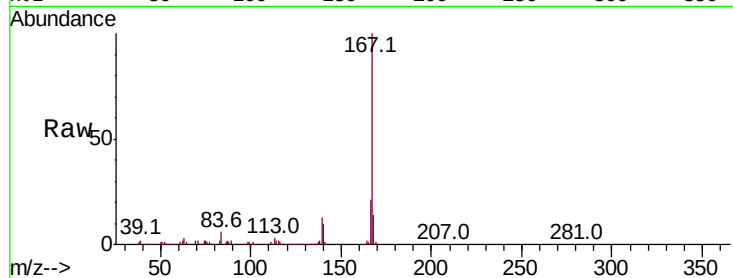
139 13.0 10.6 16.0

Manual Integrations

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#74

Di-n-butylphthalate

Concen: 43.860 ng

RT: 18.10 min Scan# 2553

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

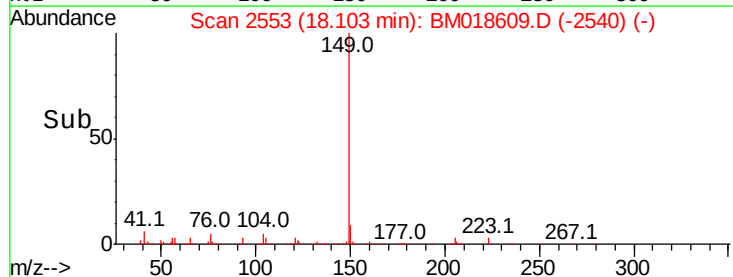
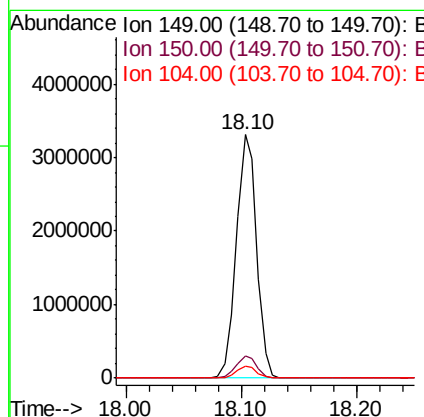
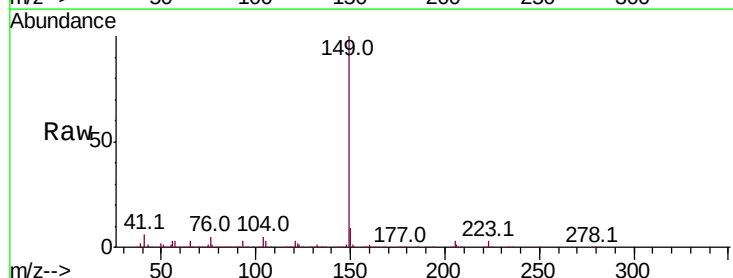
Tgt Ion:149 Resp: 3998805

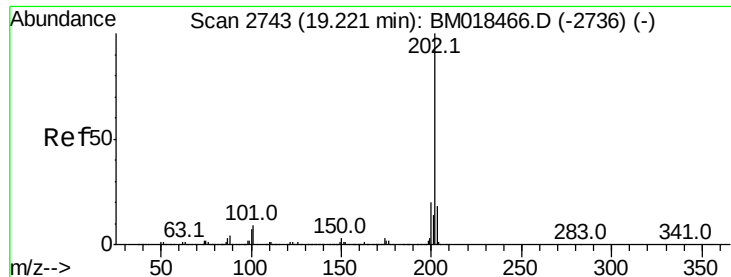
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.2	4.2	6.4

149 100

150 9.3 7.3 10.9

104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 40.611 ng

RT: 19.20 min Scan# 2740

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 3944708

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.9

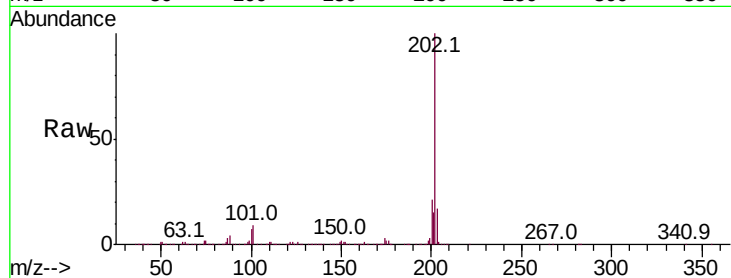
203 17.3 0.0 37.4

Manual Integrations

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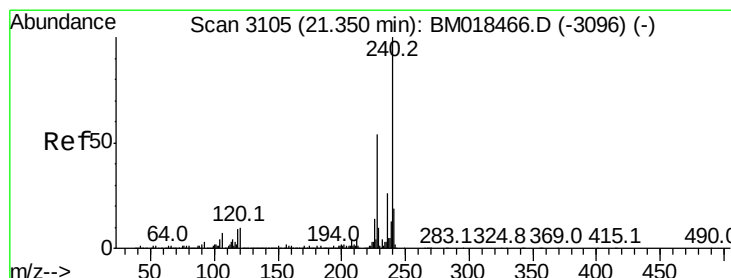
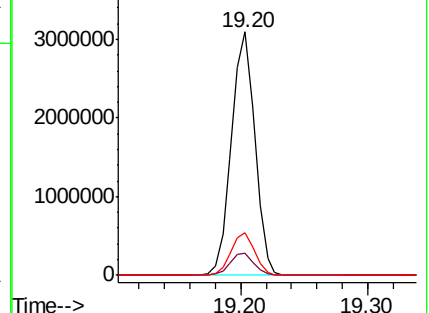
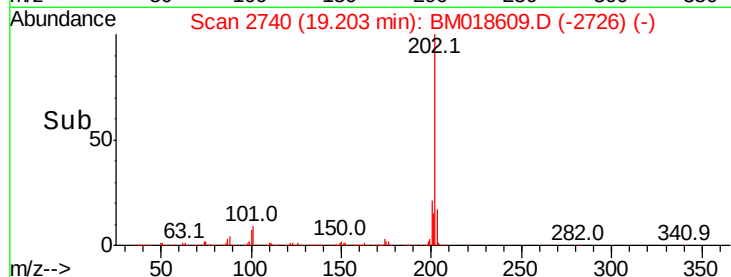


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

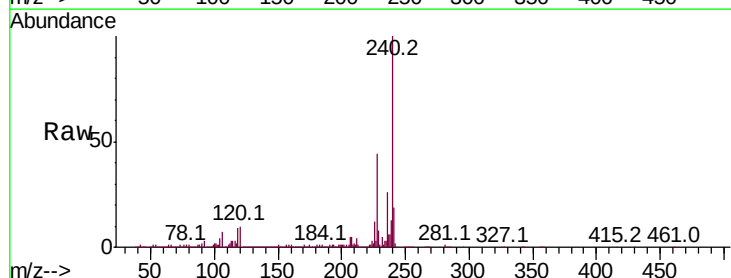
Tgt Ion:240 Resp: 1834349

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

236 25.9 20.7 31.1

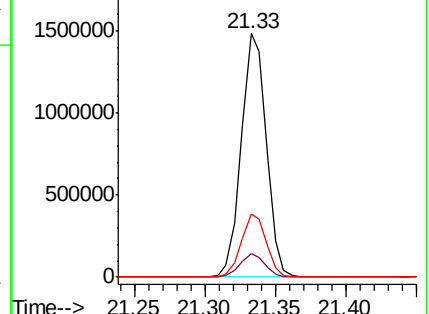
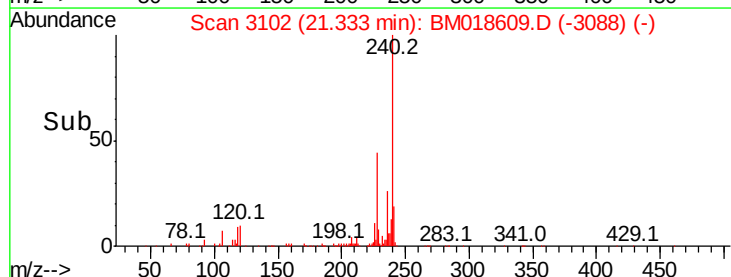


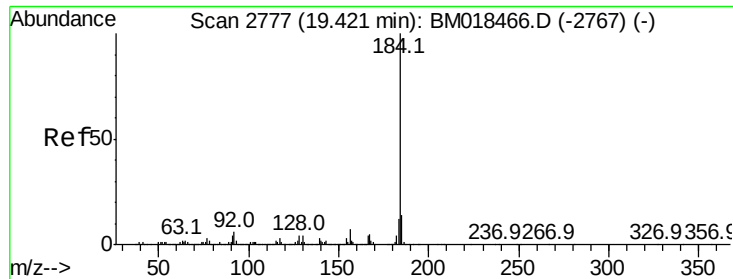
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.695 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

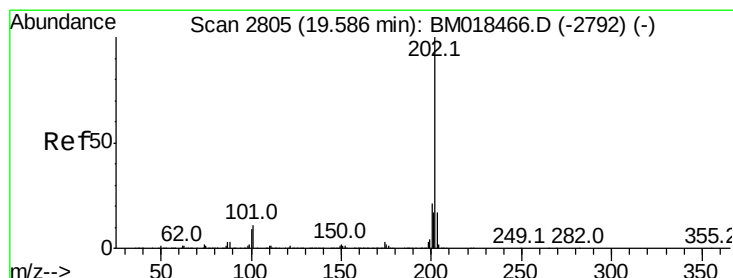
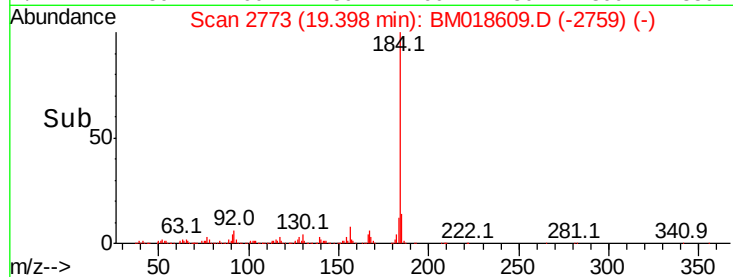
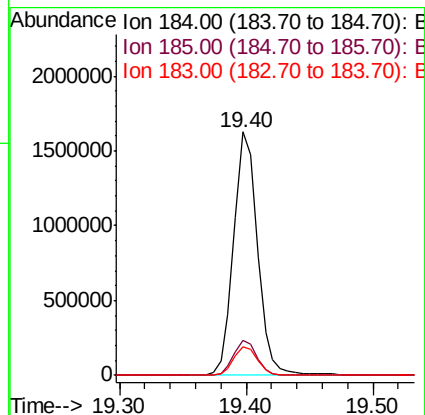
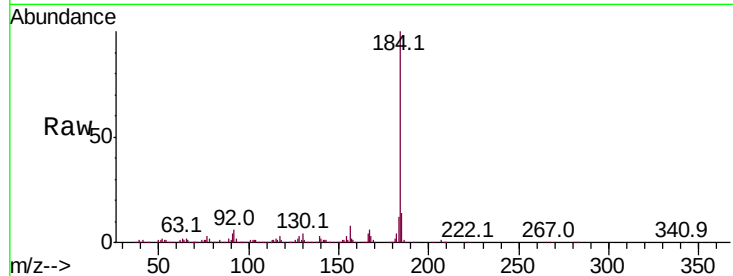
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	2114951
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.0
183	11.7	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 38.210 ng

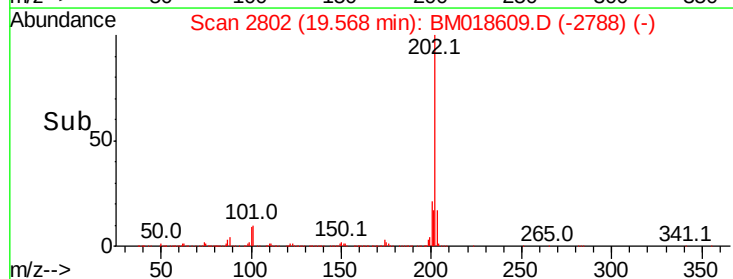
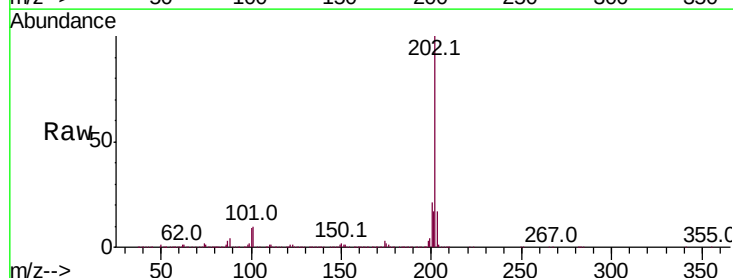
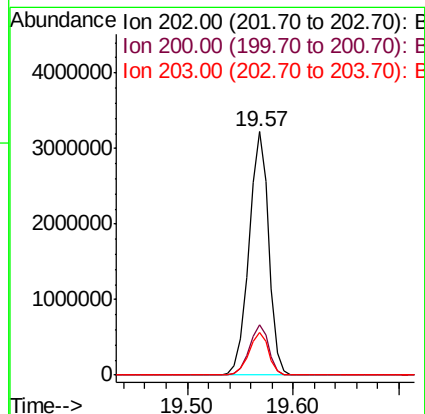
RT: 19.57 min Scan# 2802

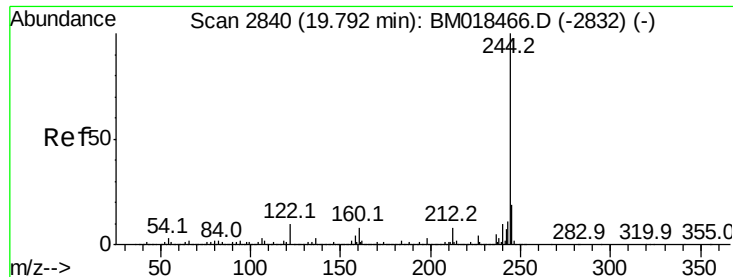
Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Tgt Ion:	202	Resp:	4154634
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.4	13.8	20.8





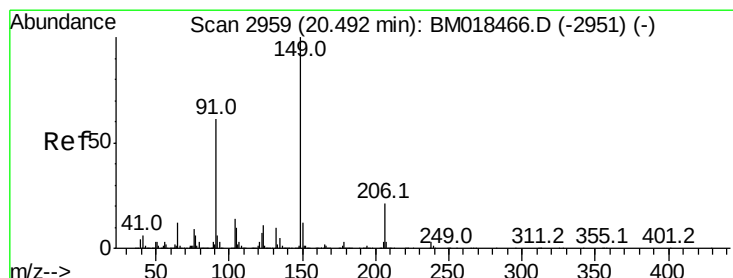
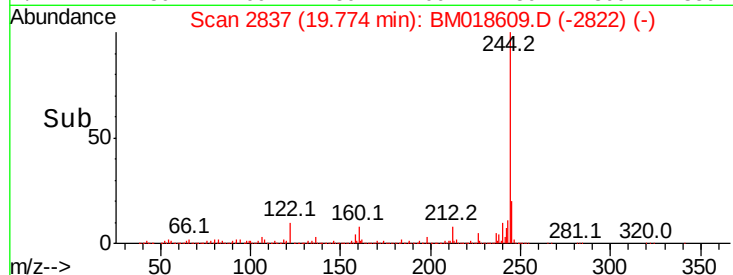
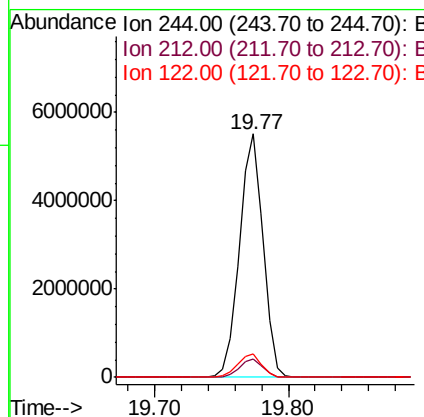
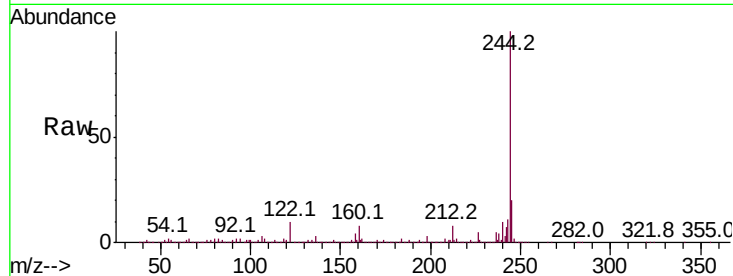
#79
 Terphenyl-d14
 Concen: 77.334 ng
 RT: 19.77 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.6	9.0	13.4

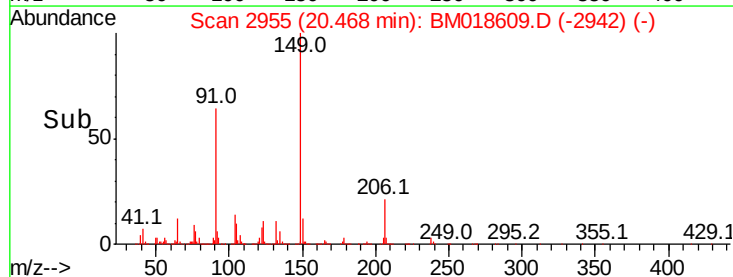
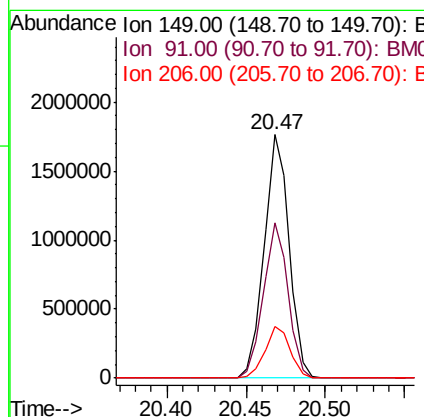
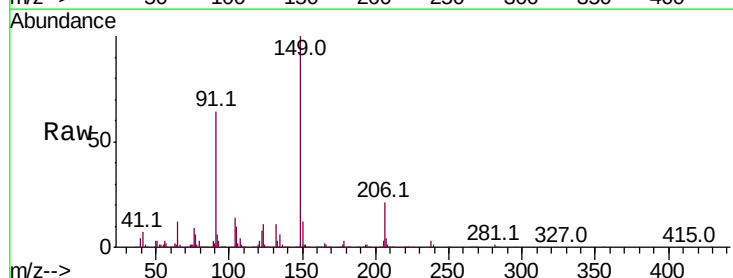
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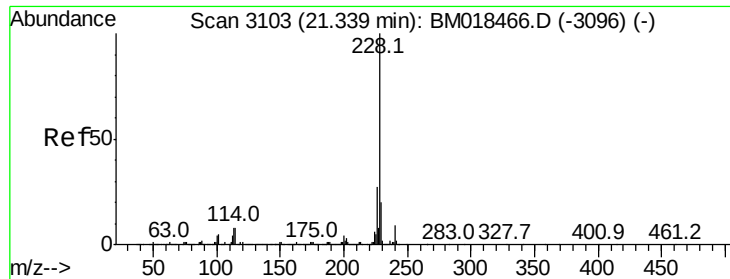
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#80
 Butylbenzylphthalate
 Concen: 41.839 ng
 RT: 20.47 min Scan# 2955
 Delta R.T. -0.02 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	53.1	79.7
206	21.0	16.2	24.4





#81

Benzo(a)anthracene

Concen: 38.835 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 4196686

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.4	15.8	23.8

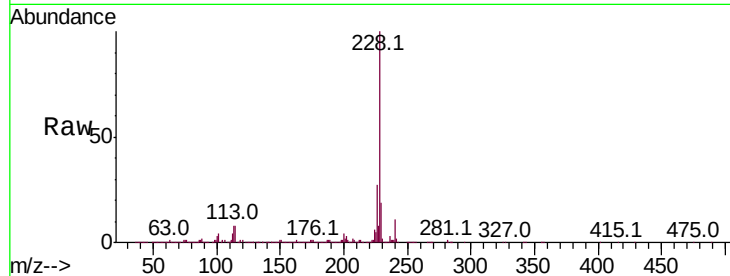
228 100

226 27.1 21.8 32.6

229 19.4 15.8 23.8

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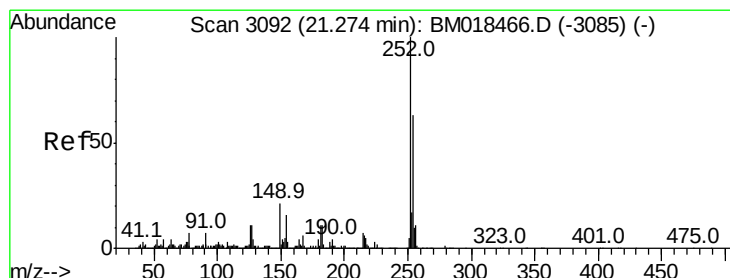
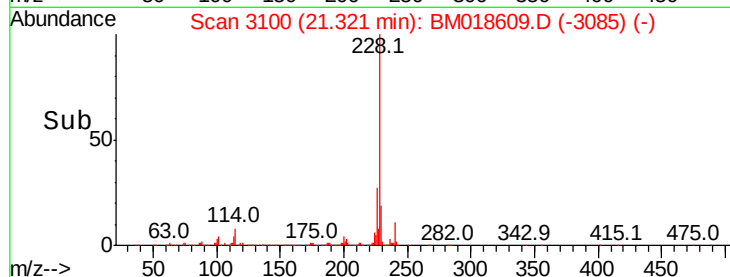
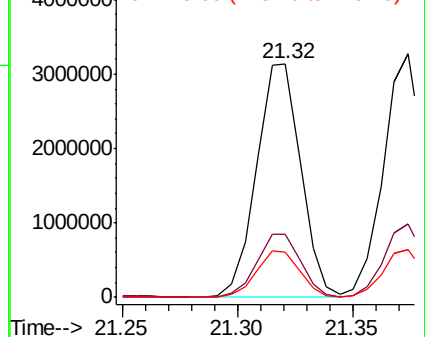


Abundance

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: 42.348 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

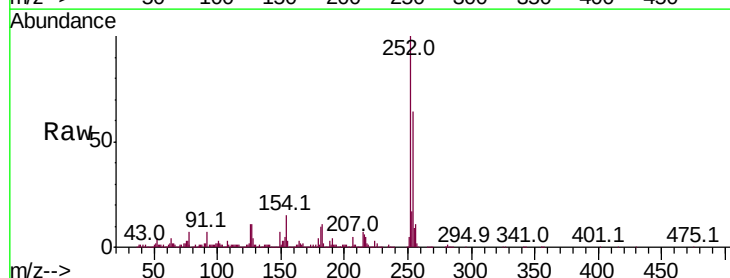
Tgt Ion:252 Resp: 1730512

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.0
126	10.8	8.7	13.1

252 100

254 63.8 51.4 77.0

126 10.8 8.7 13.1

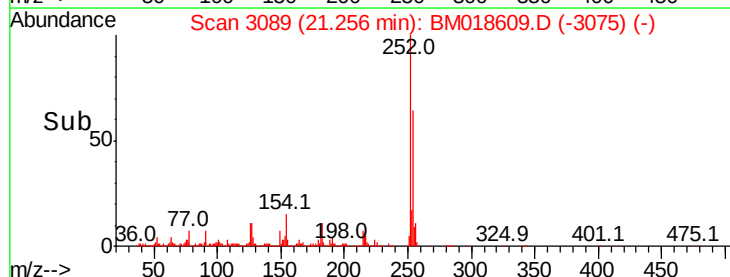
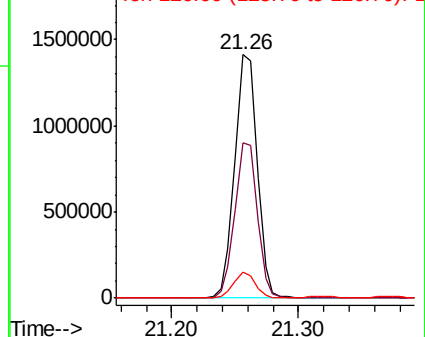


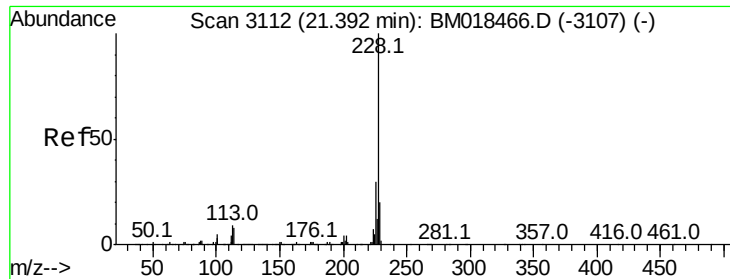
Abundance

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





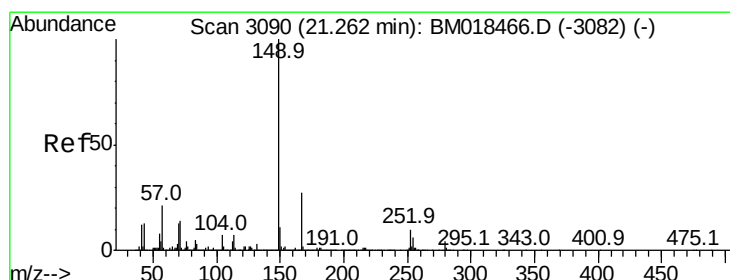
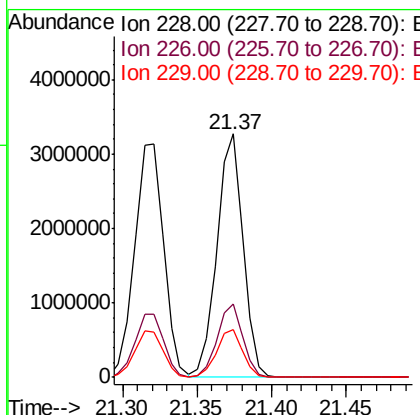
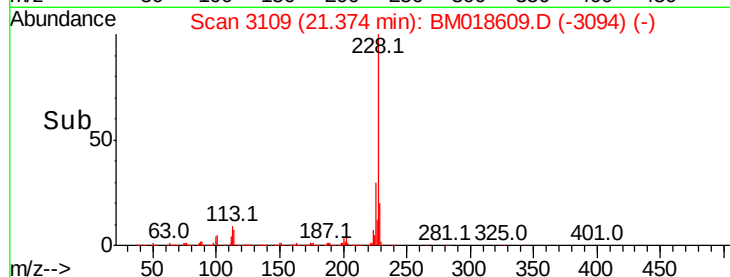
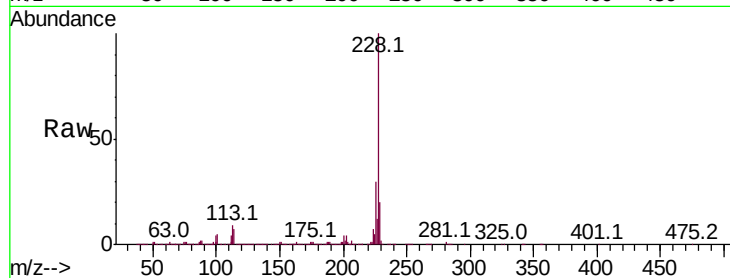
#83
 Chrysene
 Concen: 38.544 ng
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 4022156
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 19.8 15.6 23.4

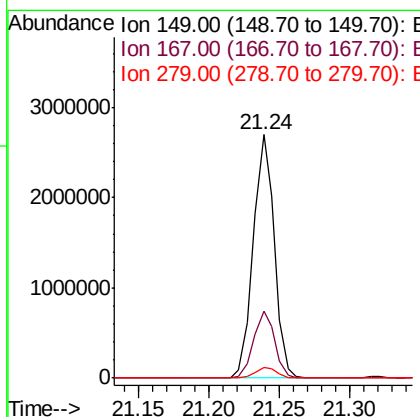
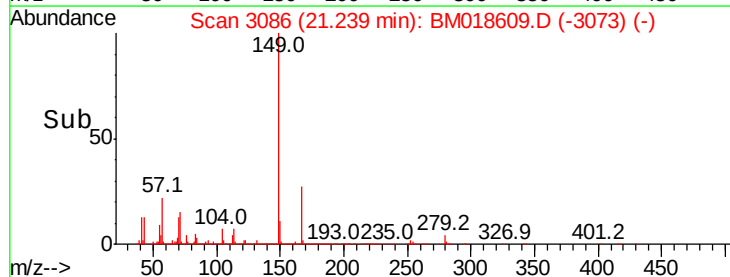
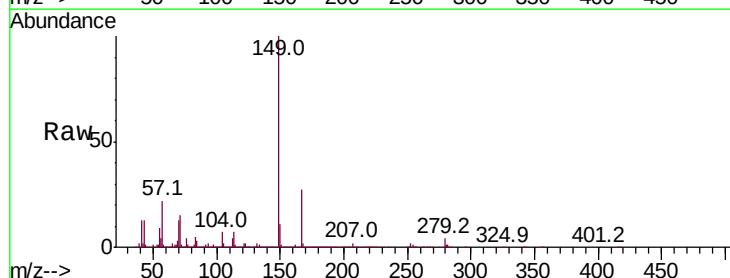
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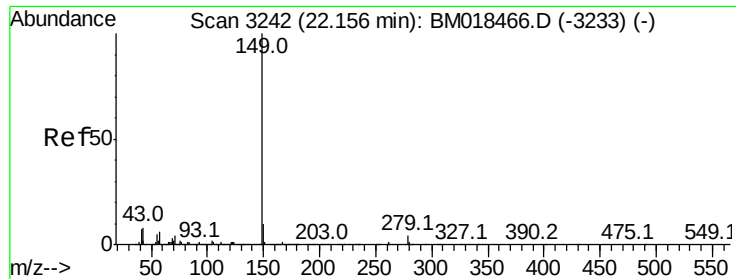
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.190 ng
 RT: 21.24 min Scan# 3086
 Delta R.T. -0.02 min
 Lab File: BM018609.D
 Acq: 17 Jan 2019 12:06

Tgt Ion:149 Resp: 2826574
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.6 32.4
 279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.198 ng

RT: 22.13 min Scan# 3237

Delta R.T. -0.03 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 4867668

Ion Ratio Lower Upper

149 100

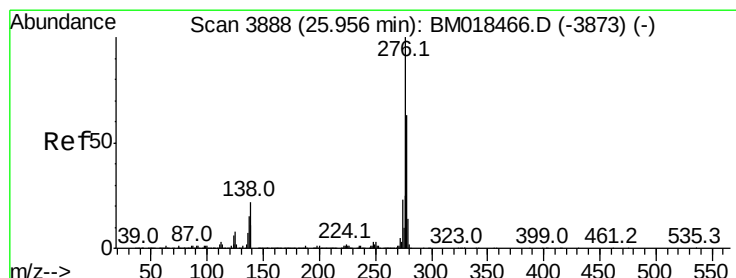
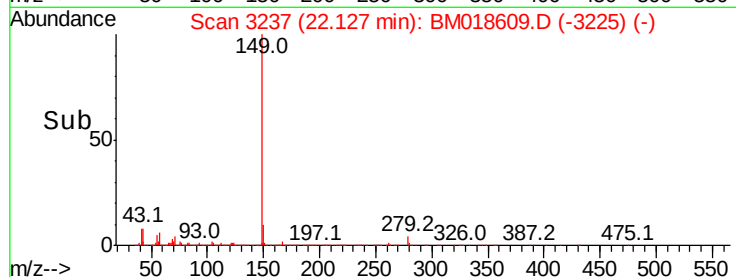
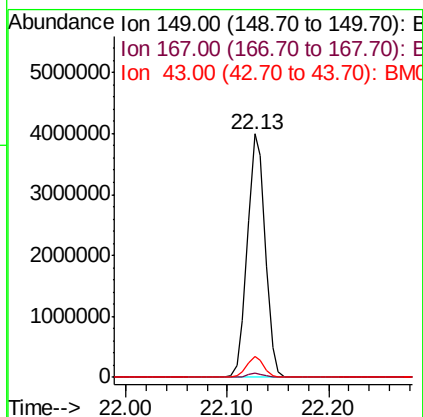
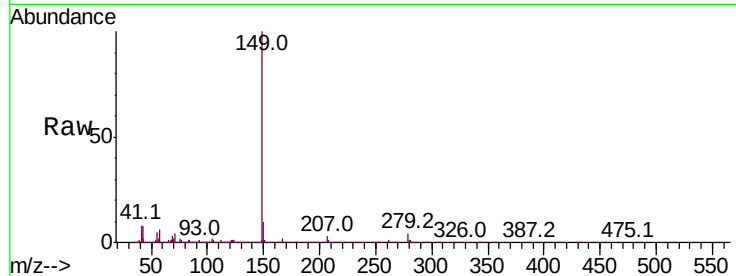
167 1.6 1.3 1.9

43 8.3 8.6 12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.014 ng

RT: 25.92 min Scan# 3882

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

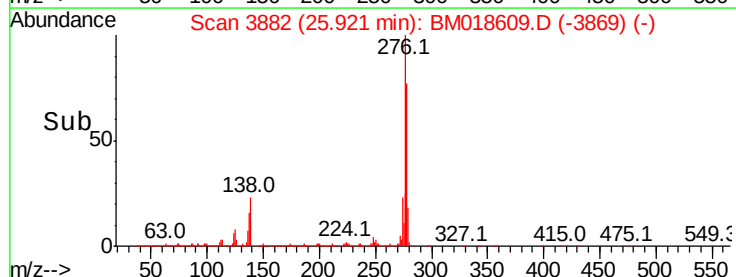
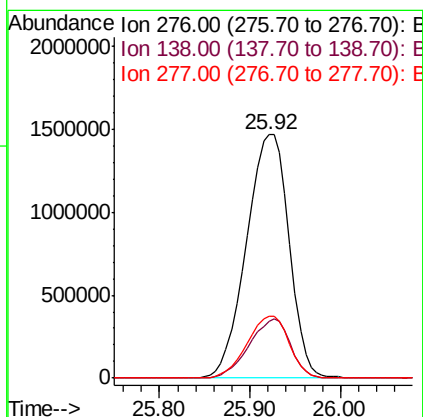
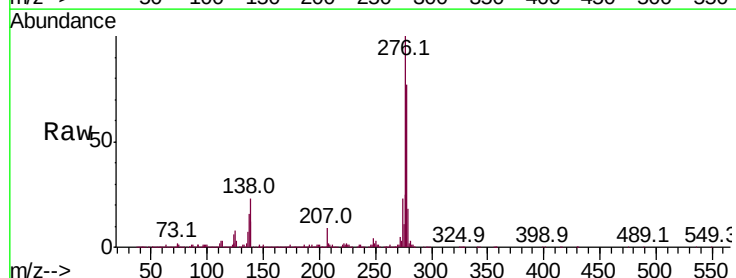
Tgt Ion:276 Resp: 4814812

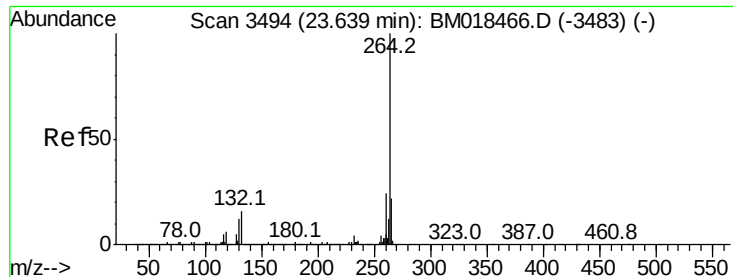
Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

277 25.2 20.2 30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:264 Resp: 1966291

Ion Ratio Lower Upper

264 100

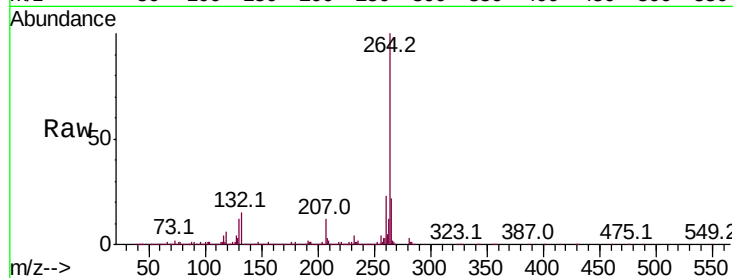
260 22.9 18.9 28.3

265 22.3 16.8 25.2

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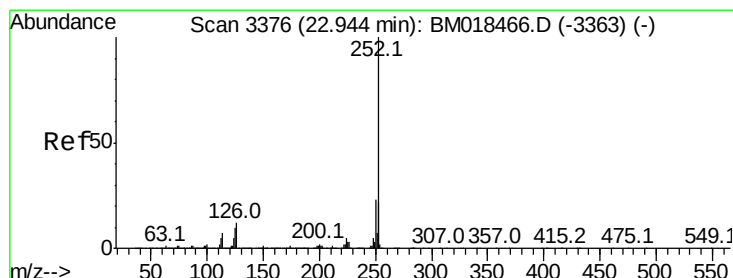
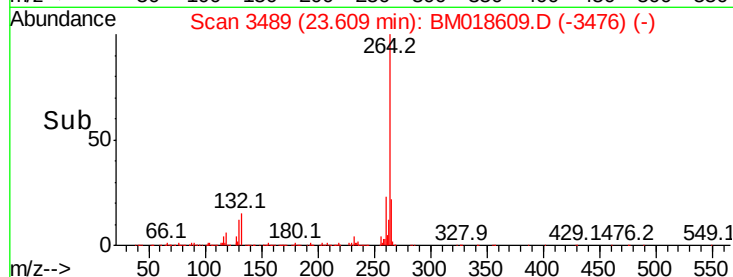
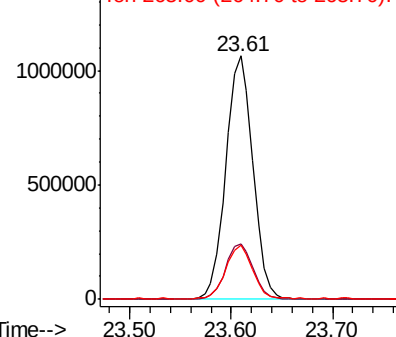
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.817 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BM018609.D

Acq: 17 Jan 2019 12:06

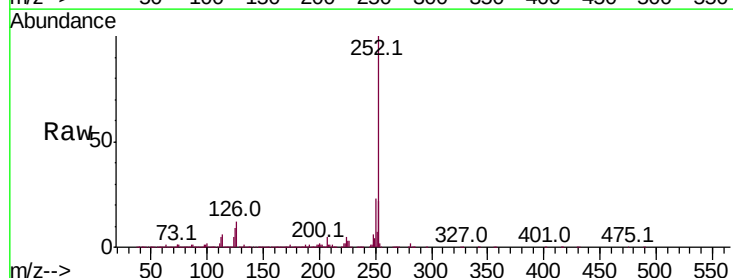
Tgt Ion:252 Resp: 4221554

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

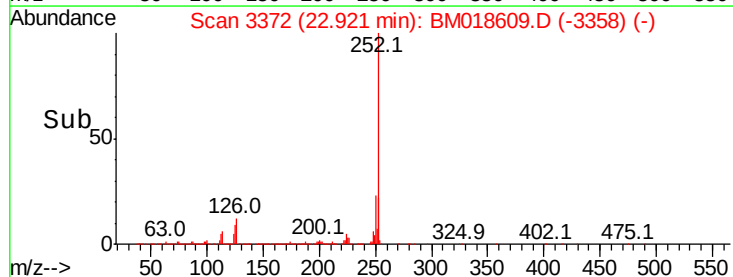
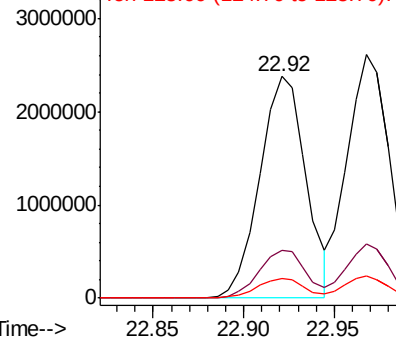
125 9.1 8.5 12.7

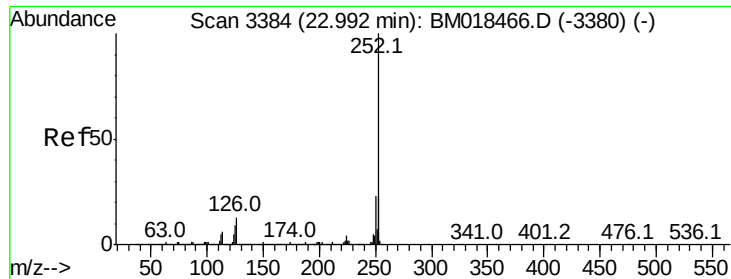


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





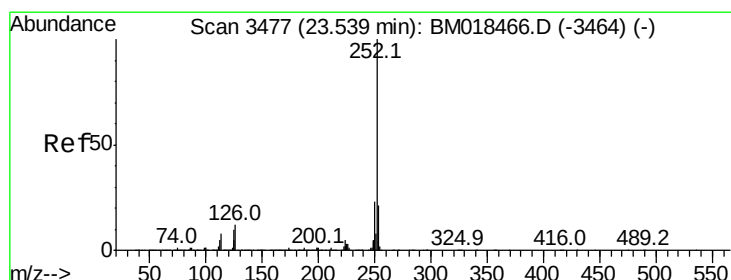
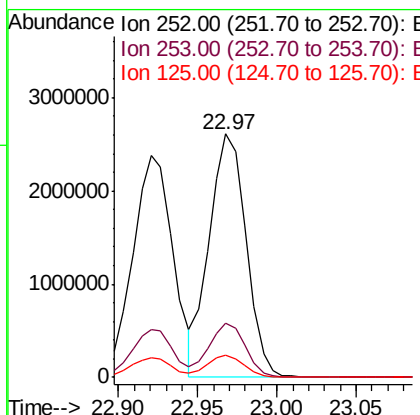
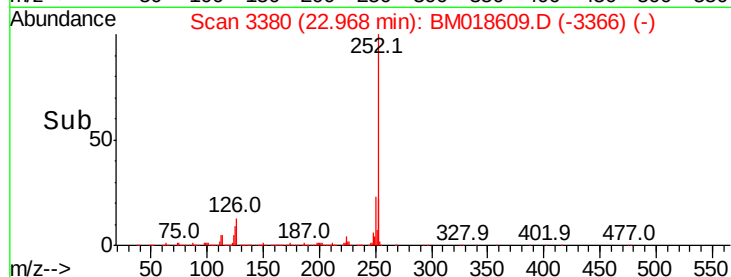
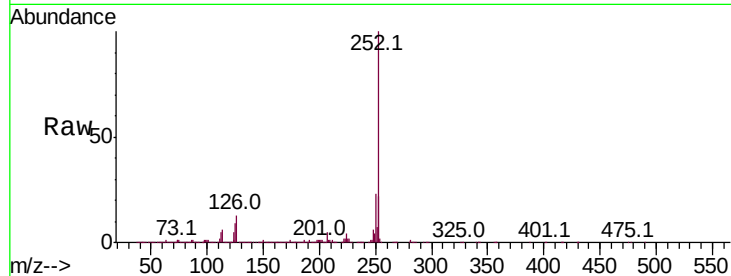
#89
Benzo(k)fluoranthene
Concen: 37.512 ng
RT: 22.97 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.2	8.6	12.8

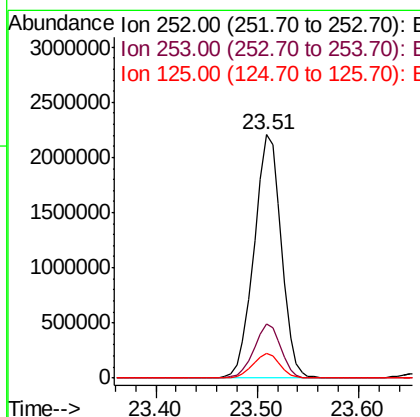
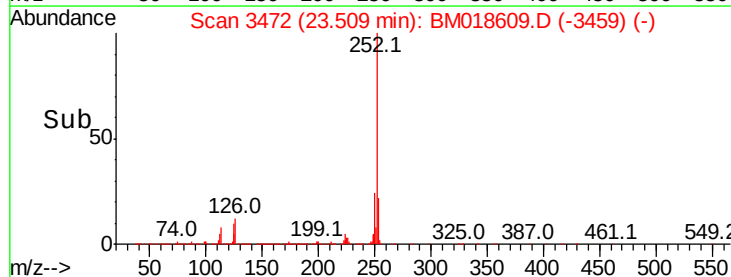
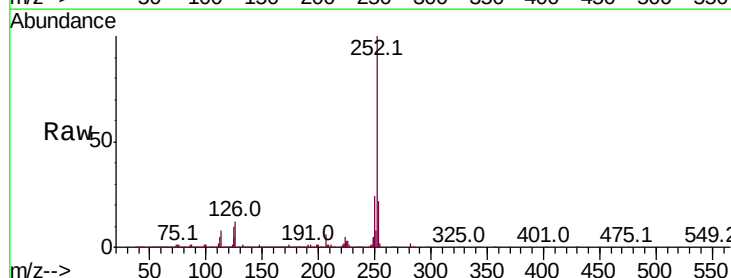
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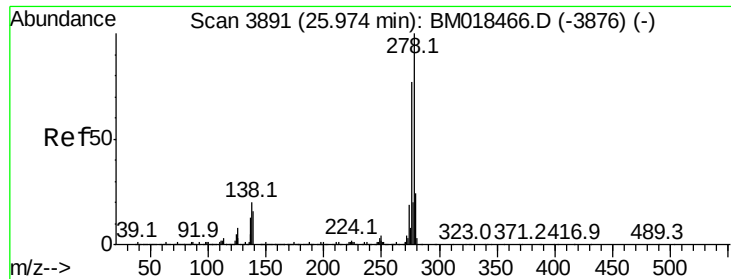
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#90
Benzo(a)pyrene
Concen: 38.341 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.0	9.7	14.5





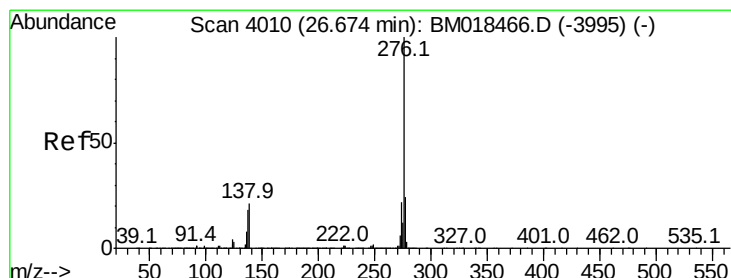
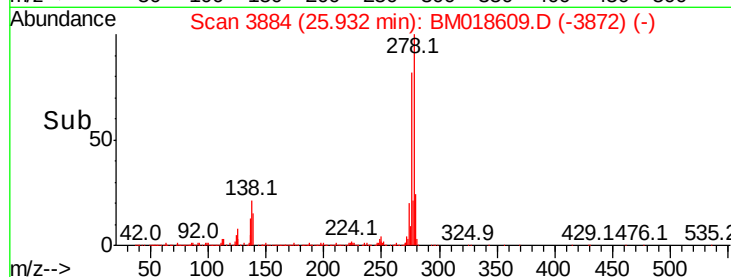
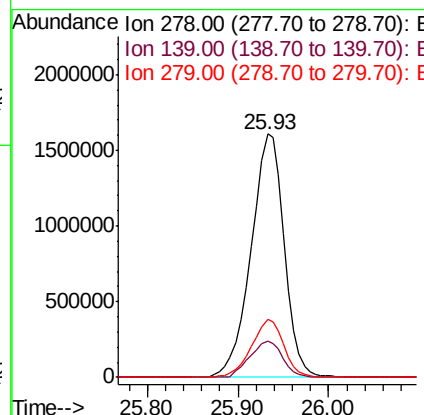
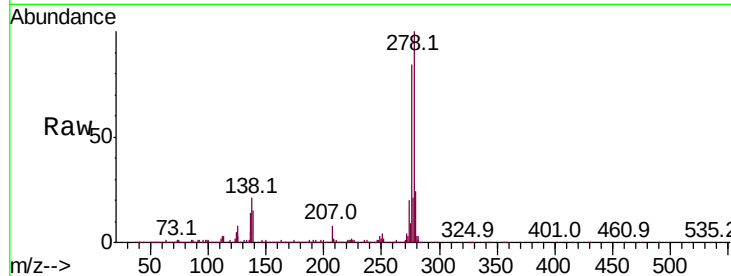
#91
Dibenzo(a,h)anthracene
Concen: 37.679 ng
RT: 25.93 min Scan# 3884
Delta R.T. -0.03 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 4080109
Ion Ratio Lower Upper
278 100
139 14.9 13.2 19.8
279 23.8 19.0 28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 37.160 ng
RT: 26.63 min Scan# 4003
Delta R.T. -0.02 min
Lab File: BM018609.D
Acq: 17 Jan 2019 12:06

Tgt Ion:276 Resp: 3915825
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.2 18.1 27.1

