

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019212.D
 Acq On : 18 Mar 2019 13:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:27:54 PM

Quant Time: Mar 19 07:30:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	177557	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	843609	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	507257	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1107014	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1003543	20.00	ng	-0.01
87) Perylene-d12	23.49	264	843334	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1035356	94.43	ng	-0.01
7) Phenol-d6	6.83	99	1600555	99.80	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1718042	96.27	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	727119	97.09	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3748609	96.13	ng	-0.02
79) Terphenyl-d14	19.70	244	5511410	109.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	206317	42.301	ng	99
3) Pyridine	3.61	79	656689	49.489	ng	100
4) n-Nitrosodimethylamine	3.53	42	178758	43.333	ng	96
6) Aniline	7.00	93	991740	47.899	ng	99
8) 2-Chlorophenol	7.22	128	640412	48.607	ng	98
9) Benzaldehyde	6.82	77	460684	45.670	ng	99
10) Phenol	6.86	94	861932	49.871	ng	100
11) bis(2-Chloroethyl)ether	7.09	93	626133	47.477	ng	98
12) 1,3-Dichlorobenzene	7.53	146	667602	47.881	ng	99
13) 1,4-Dichlorobenzene	7.69	146	677478	47.660	ng	98
14) 1,2-Dichlorobenzene	8.00	146	667021	48.230	ng	99
15) Benzyl Alcohol	7.90	79	649903	48.965	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	622167	46.202	ng	99
17) 2-Methylphenol	8.10	107	557382	49.490	ng	99
18) Hexachloroethane	8.70	117	247282	46.816	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	633866	48.178	ng	99
20) 3+4-Methylphenols	8.43	107	775465	50.725	ng	98
22) Acetophenone	8.48	105	1088477	46.688	ng	# 99
24) Nitrobenzene	8.86	77	884368	47.647	ng	99
25) Isophorone	9.38	82	1569094	46.077	ng	99
26) 2-Nitrophenol	9.56	139	387207	50.329	ng	99
27) 2,4-Dimethylphenol	9.62	122	557117	48.709	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	941565	46.695	ng	99
29) 2,4-Dichlorophenol	10.09	162	650552	51.356	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	693937	48.582	ng	99
31) Naphthalene	10.49	128	2078199	46.739	ng	99
32) Benzoic acid	9.80	122	421086m	43.471	ng	
33) 4-Chloroaniline	10.62	127	894853	49.095	ng	98
34) Hexachlorobutadiene	10.75	225	386082	47.101	ng	99
35) Caprolactam	11.45	113	228792m	50.703	ng	
36) 4-Chloro-3-methylphenol	11.74	107	762558	48.788	ng	98
37) 2-Methylnaphthalene	12.10	142	1532775	47.438	ng	100
38) 1-Methylnaphthalene	12.33	142	1503459	47.207	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	783831	48.850	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTDC040

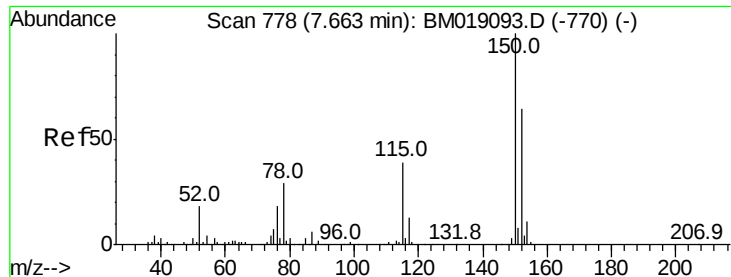
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 3/19/2019 5:27:54 PM

Quant Time: Mar 19 07:30:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	325882	44.837	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	509392	49.124	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	542210	48.899	ng	99
46) 1,1'-Biphenyl	13.13	154	2121703	47.895	ng	99
47) 2-Chloronaphthalene	13.17	162	1607842	48.624	ng	99
48) 2-Nitroaniline	13.40	65	540699	48.757	ng	97
49) Acenaphthylene	14.03	152	2632740	47.088	ng	99
50) Dimethylphthalate	13.77	163	2009281	46.304	ng	99
51) 2,6-Dinitrotoluene	13.90	165	451515	48.134	ng	97
52) Acenaphthene	14.37	154	1506537	46.894	ng	99
53) 3-Nitroaniline	14.24	138	458249	46.125	ng	99
54) 2,4-Dinitrophenol	14.45	184	263746	48.415	ng	99
55) Dibenzofuran	14.71	168	2421204	46.732	ng	99
56) 4-Nitrophenol	14.56	139	397578	49.013	ng	99
57) 2,4-Dinitrotoluene	14.70	165	626714	46.026	ng	98
58) Fluorene	15.36	166	2005116	46.951	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	469013	45.434	ng	99
60) Diethylphthalate	15.14	149	2030810	46.209	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	991971	47.825	ng	98
62) 4-Nitroaniline	15.42	138	445217	44.467	ng	97
63) Azobenzene	15.65	77	2184322	47.233	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	278138	38.342	ng	99
66) n-Nitrosodiphenylamine	15.58	169	1702095	48.295	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	601726	49.291	ng	97
68) Hexachlorobenzene	16.36	284	705943	48.641	ng	98
69) Atrazine	16.54	200	454984	38.351	ng	99
70) Pentachlorophenol	16.71	266	369307	42.235	ng	99
71) Phenanthrene	17.10	178	3014461	46.458	ng	100
72) Anthracene	17.19	178	2988339	47.045	ng	99
73) Carbazole	17.47	167	2783121	46.422	ng	99
74) Di-n-butylphthalate	18.03	149	3470754	47.874	ng	100
75) Fluoranthene	19.13	202	3353236	45.037	ng	99
77) Benzidine	19.33	184	1456482	51.175	ng	100
78) Pyrene	19.49	202	3406492	53.650	ng	100
80) Butylbenzylphthalate	20.40	149	1578995	57.095	ng	99
81) Benzo(a)anthracene	21.24	228	2959248	47.003	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	1081749	44.601	ng	99
83) Chrysene	21.30	228	2824294	46.369	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2346607	58.323	ng	# 99
85) Di-n-octyl phthalate	22.04	149	3792281	55.974	ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2734715	41.709	ng	100
88) Benzo(b)fluoranthene	22.82	252	2608729	47.739	ng	100
89) Benzo(k)fluoranthene	22.87	252	2441593	48.577	ng	99
90) Benzo(a)pyrene	23.40	252	2326285	47.370	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2286769	48.678	ng	100
92) Benzo(g,h,i)perylene	26.45	276	2169056	50.292	ng	99

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



#1

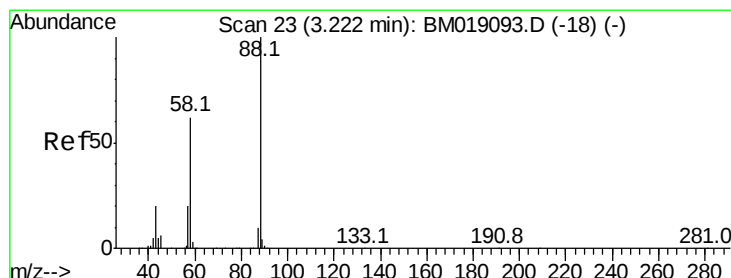
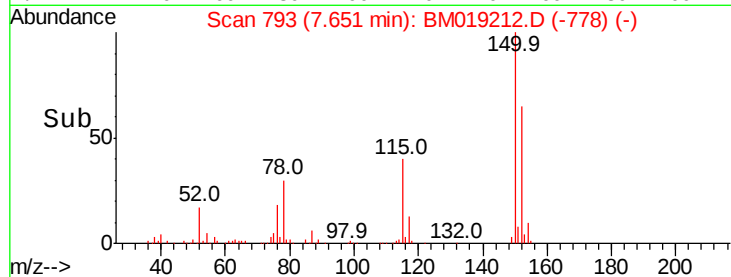
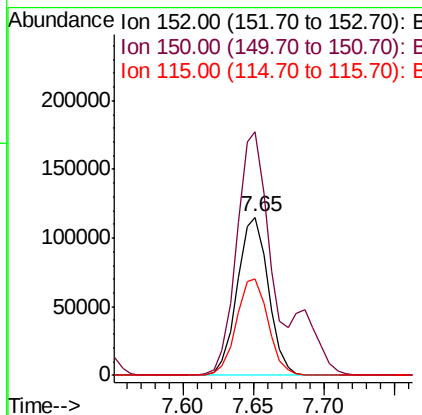
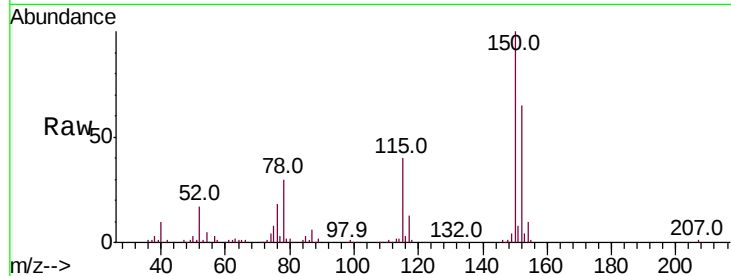
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	61.0	49.4	74.0

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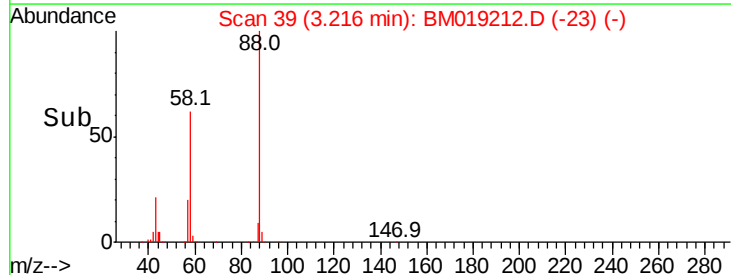
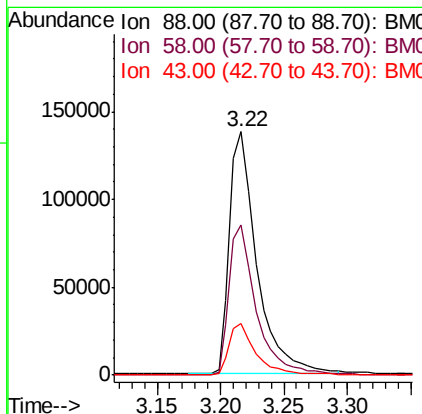
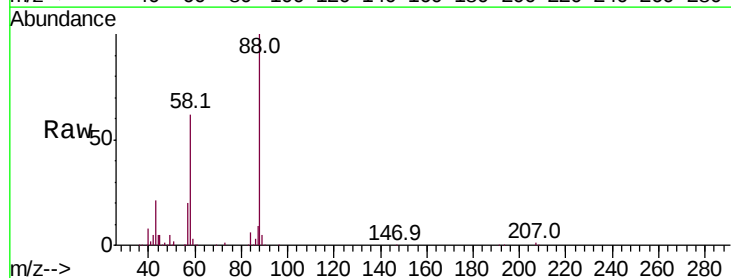
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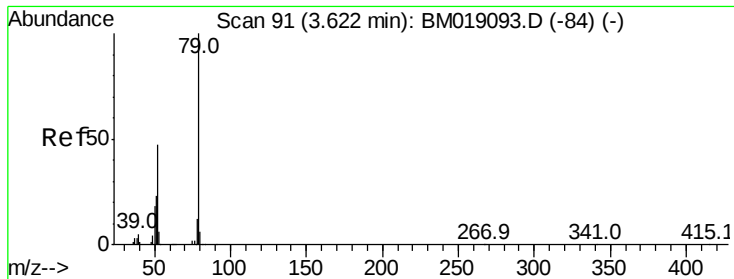


#2

1,4-Dioxane
Concen: 42.301 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	50.0	75.0
43	21.2	17.0	25.4





#3

Pvridine

Concen: 49.489 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

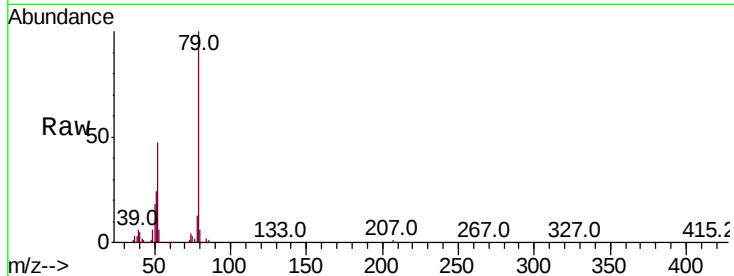
ClientSampleId :

SSTDCCC040

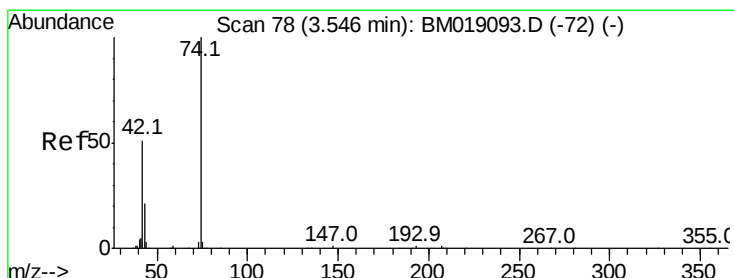
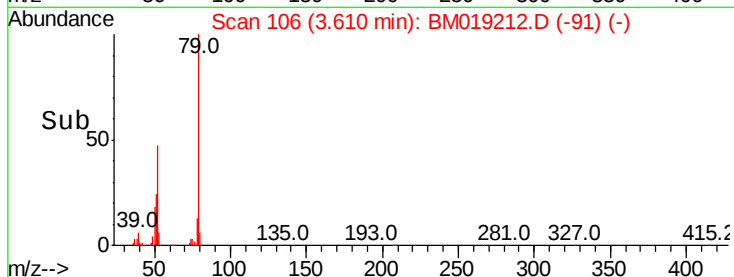
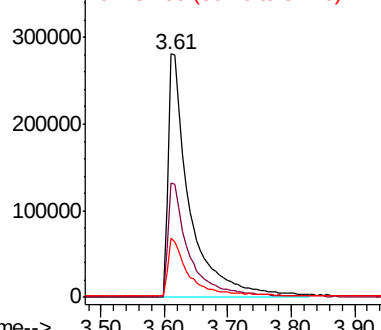
Tot Ion:	79	Resp:	656689
Ion Ratio	Lower	Upper	
79	100		
52	46.9	37.5	56.3
51	24.4	19.2	28.8

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 43.333 ng

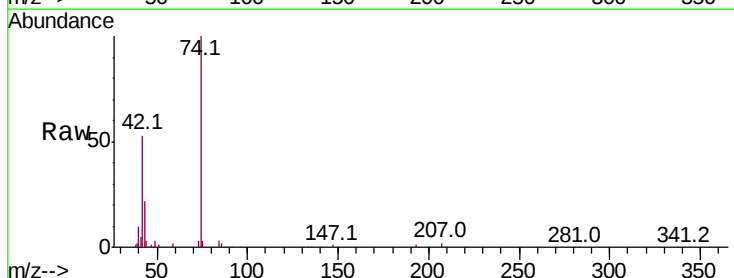
RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

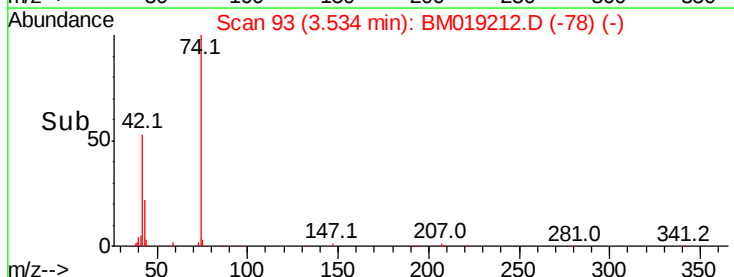
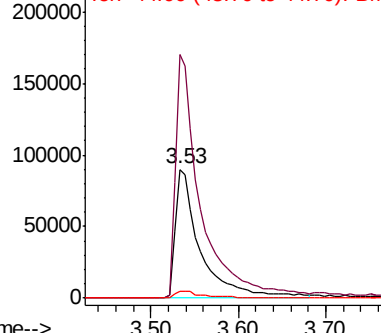
Lab File: BM019212.D

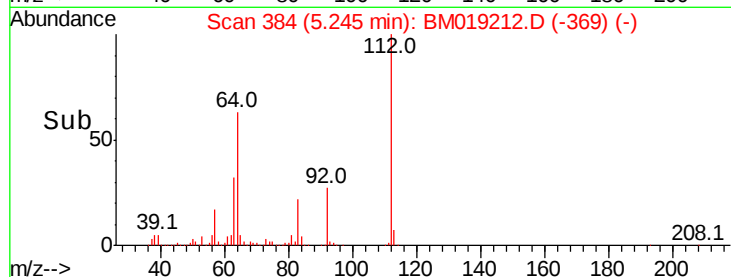
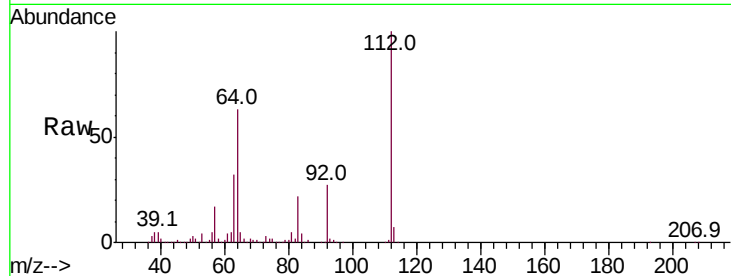
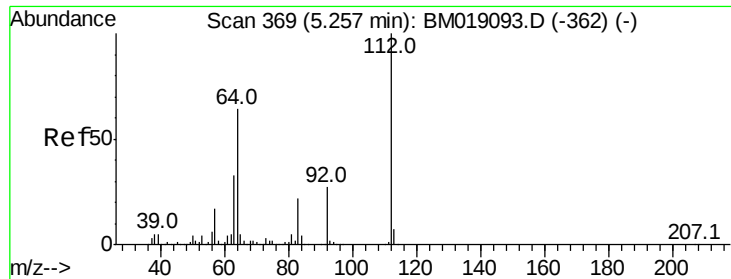
Acq: 18 Mar 2019 13:02

Tgt Ion:	42	Resp:	178758
Ion Ratio	Lower	Upper	
42	100		
74	189.0	156.3	234.5
44	5.7	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 94.434 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1035356

Ion Ratio Lower Upper

112 100

64 63.2 51.4 77.0

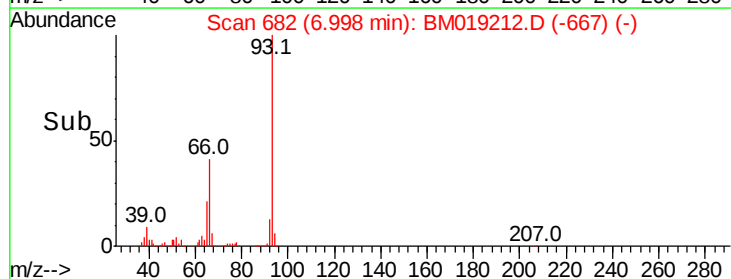
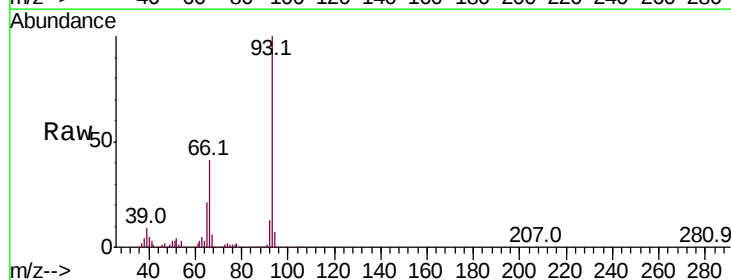
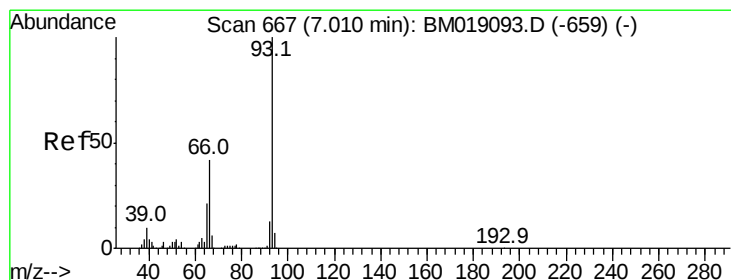
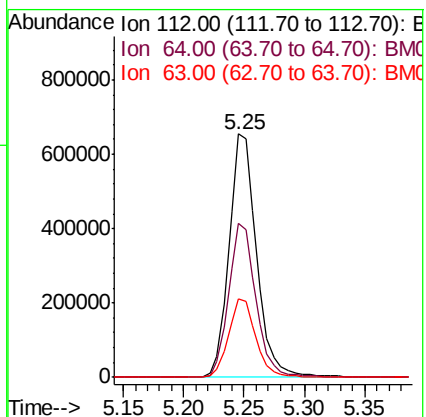
63 32.2 26.6 40.0

Manual Integrations

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#6

Aniline

Concen: 47.899 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

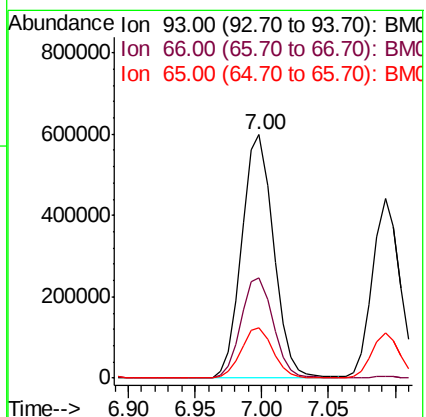
Tgt Ion: 93 Resp: 991740

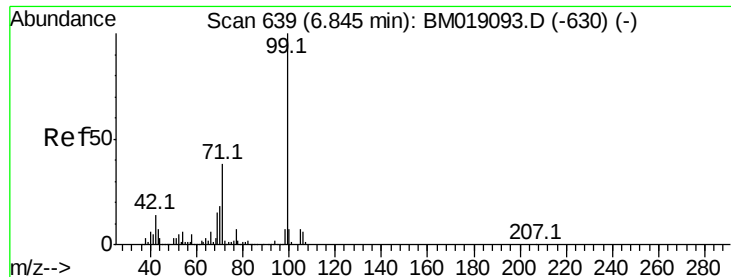
Ion Ratio Lower Upper

93 100

66 41.3 33.4 50.2

65 20.7 16.8 25.2





#7

Phenol-d6

Concen: 99.805 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1600555

Ion Ratio Lower Upper

99 100

42 13.6 10.9 16.3

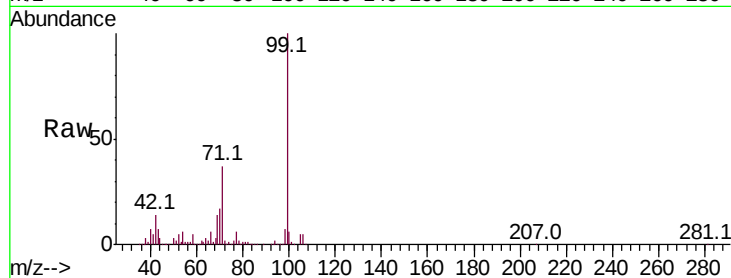
71 37.1 30.3 45.5

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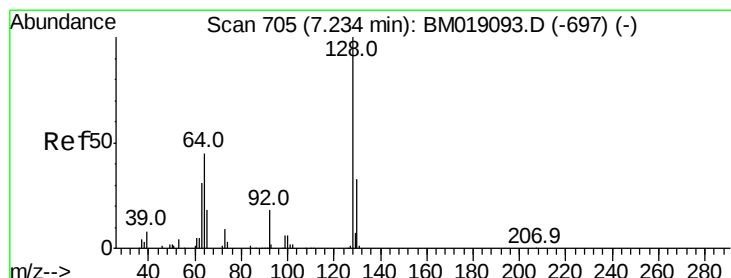
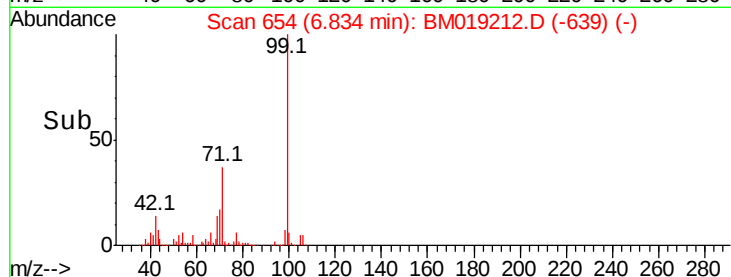
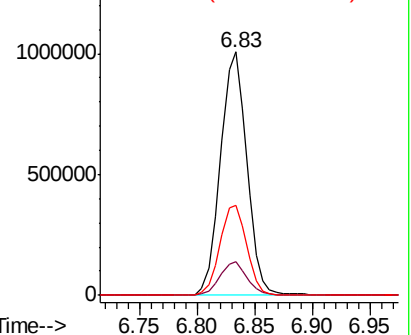
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 48.607 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

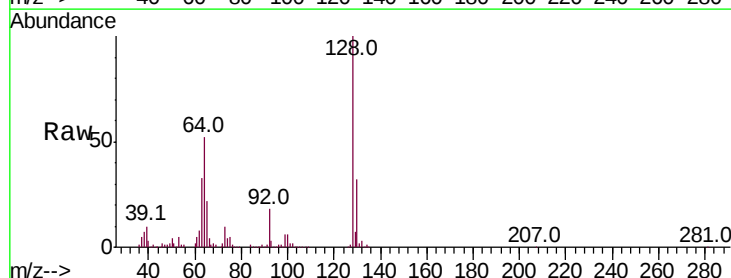
Tgt Ion: 128 Resp: 640412

Ion Ratio Lower Upper

128 100

130 31.9 12.8 52.8

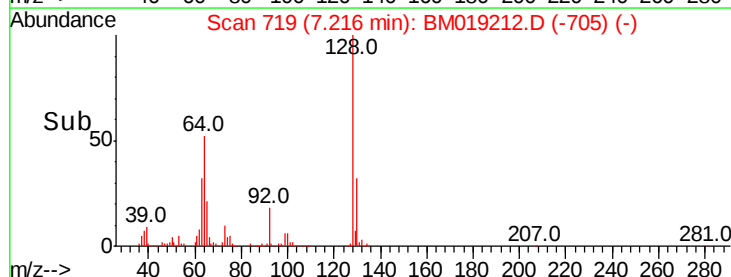
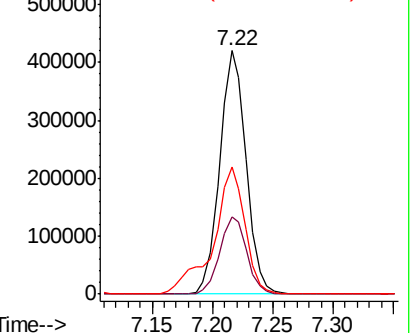
64 52.3 30.8 70.8

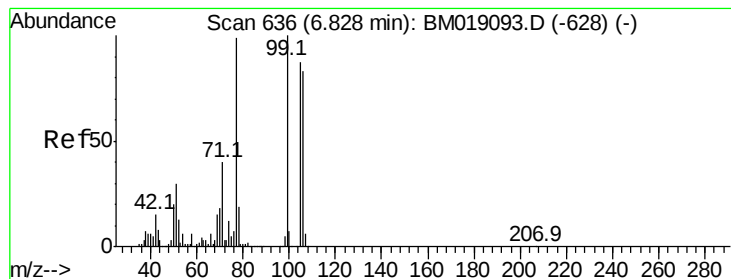


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 45.670 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

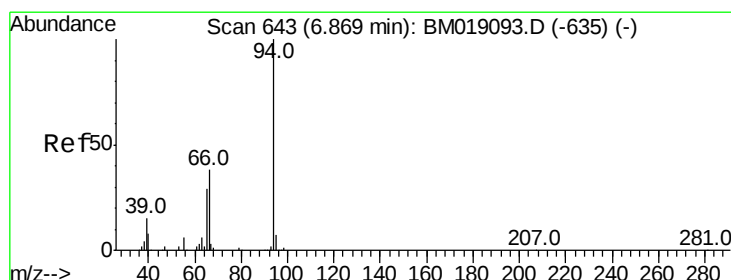
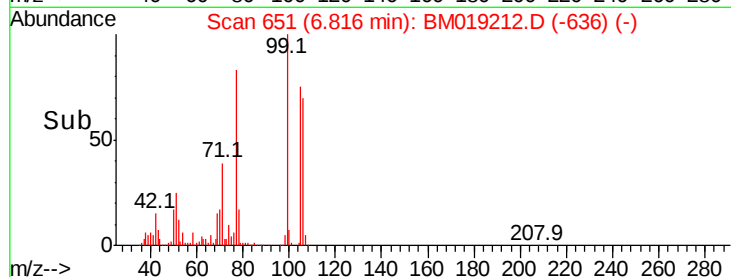
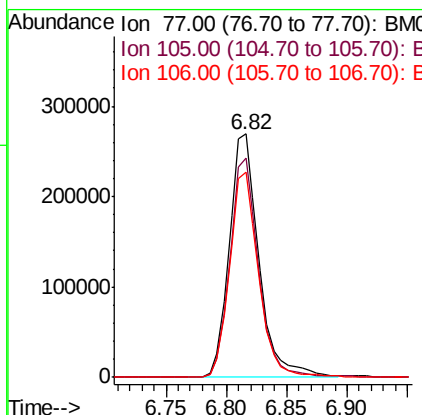
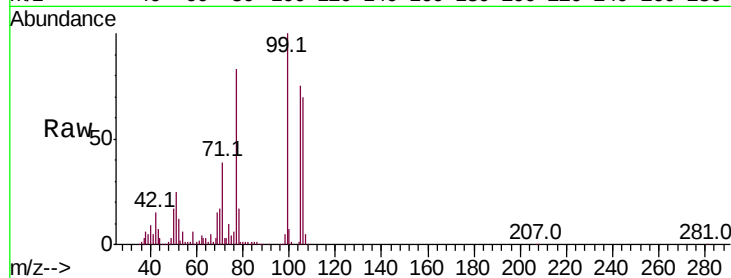
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.8	67.7	107.7
106	84.5	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 49.871 ng

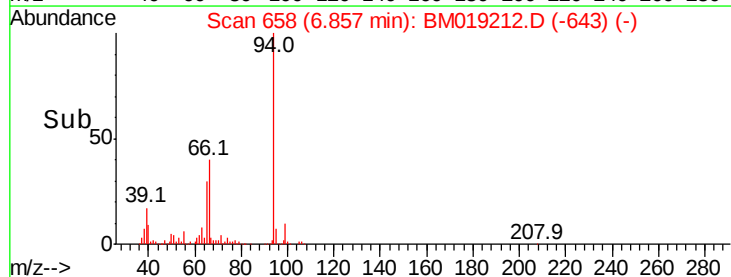
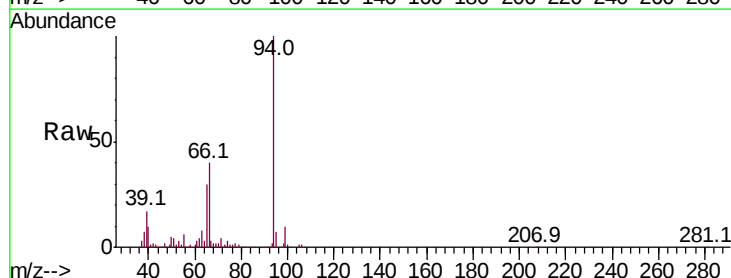
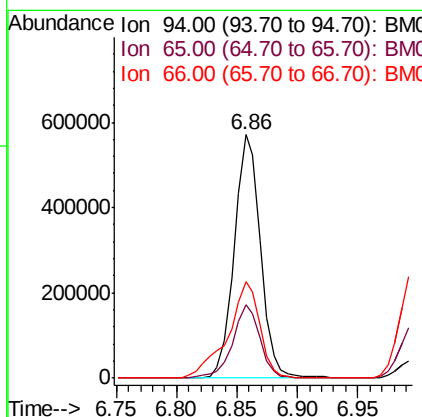
RT: 6.86 min Scan# 658

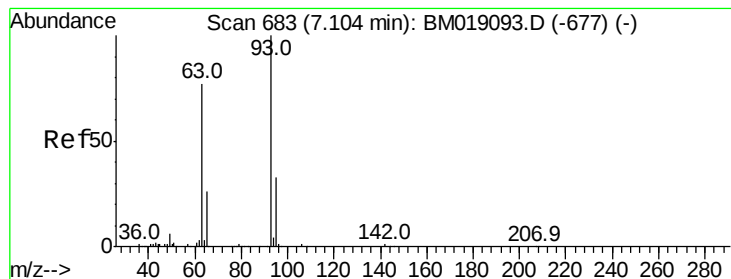
Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.7	49.7
66	39.5	19.2	59.2





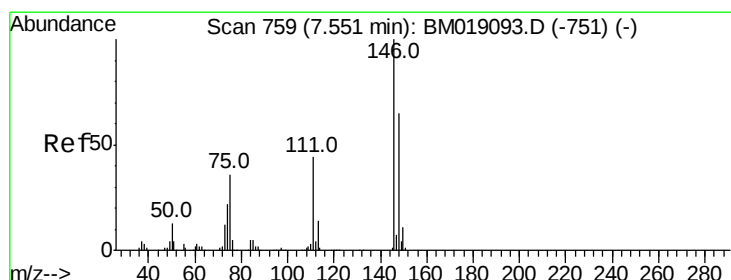
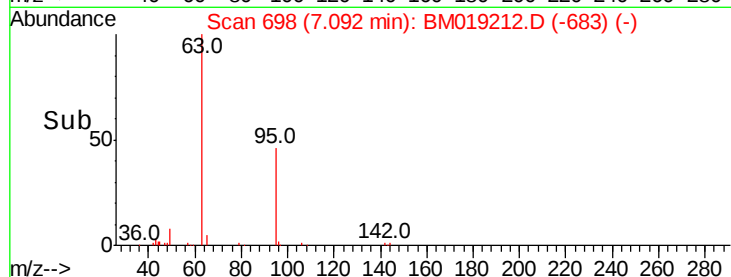
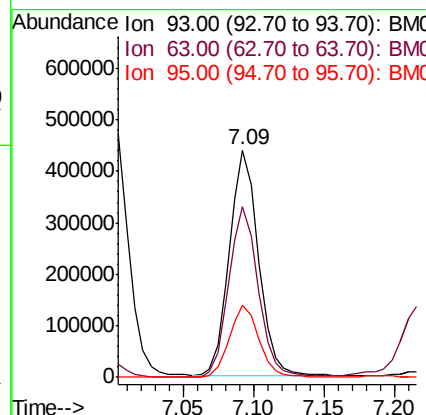
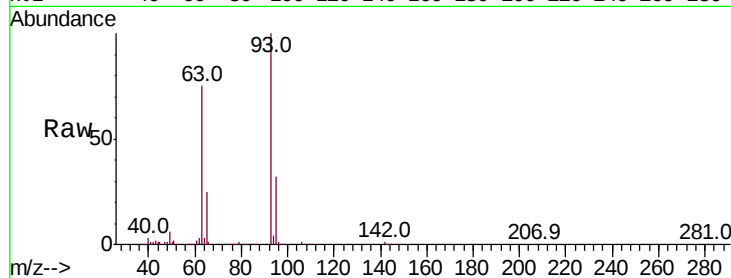
#11
bis(2-Chloroethyl)ether
Concen: 47.477 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	56.6	96.6
95	32.0	13.0	53.0

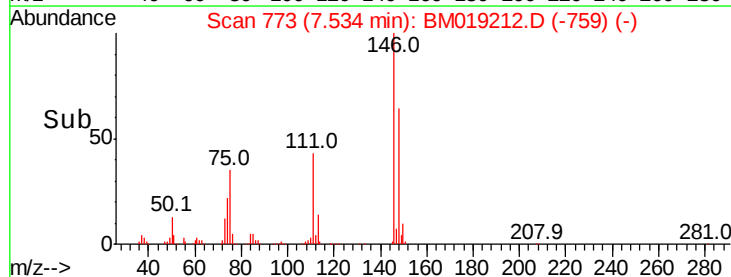
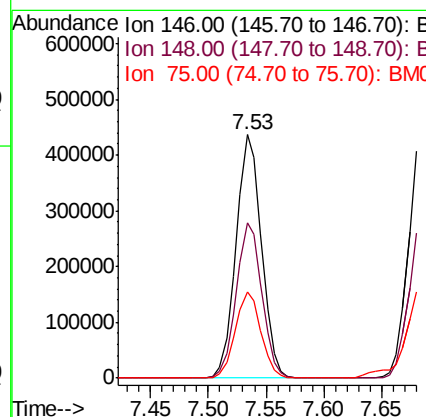
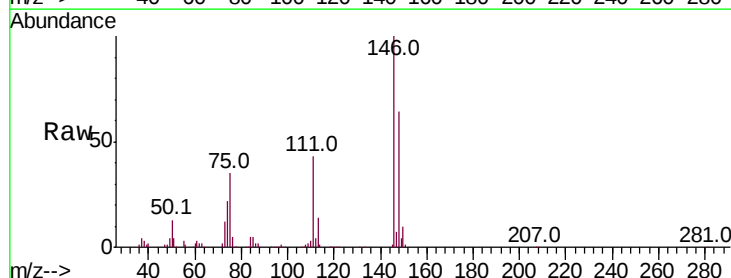
Manual Integrations
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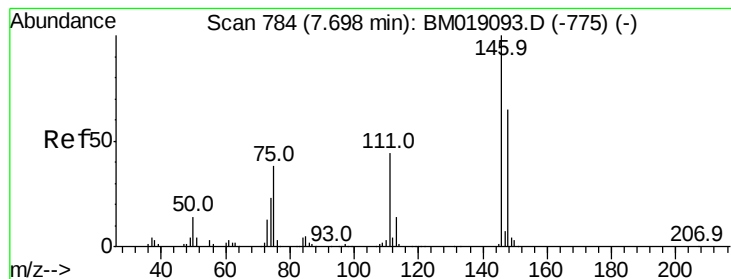
Sohil
3/19/2019 5:27:54 PM



#12
1,3-Dichlorobenzene
Concen: 47.881 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
75	35.2	29.1	43.7





#13

1,4-Dichlorobenzene

Concen: 47.660 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

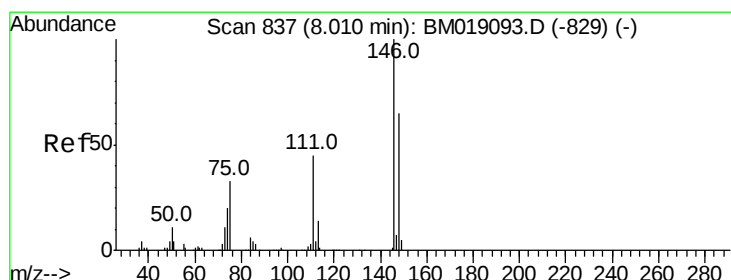
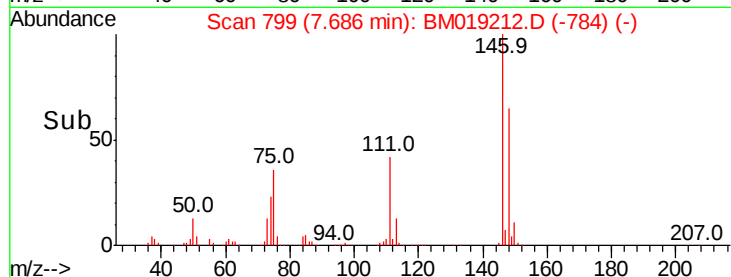
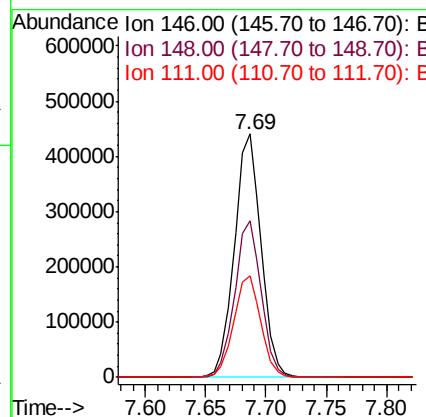
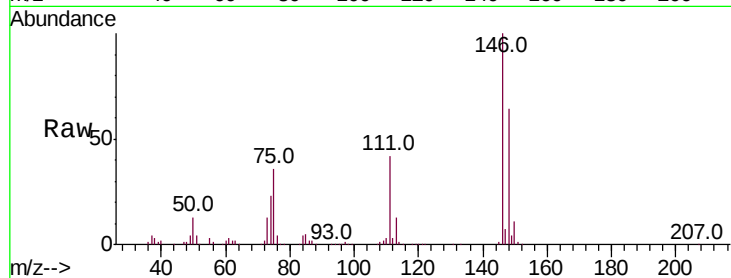
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	677478
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
111	41.9	35.4	53.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 48.230 ng

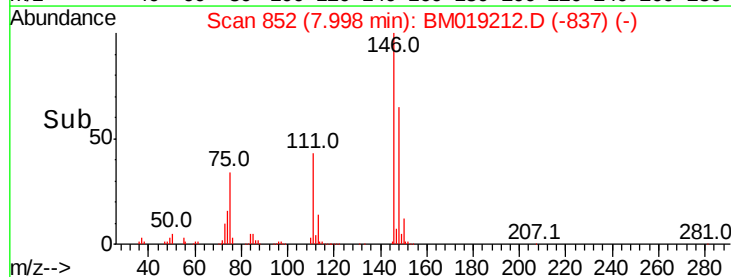
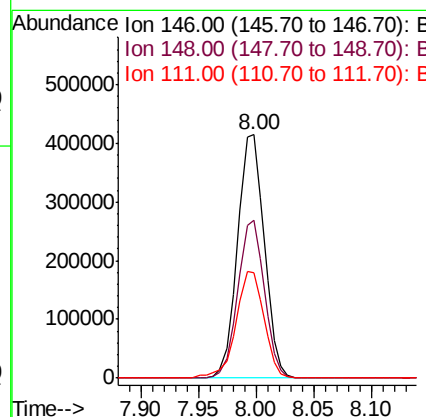
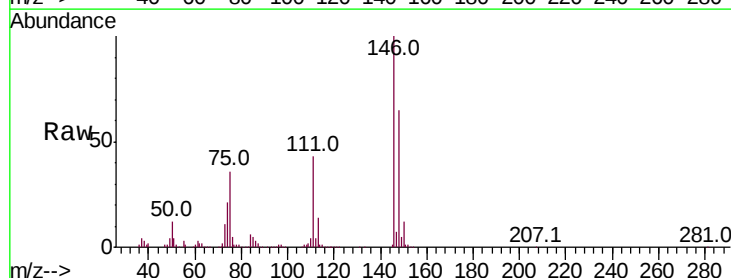
RT: 8.00 min Scan# 852

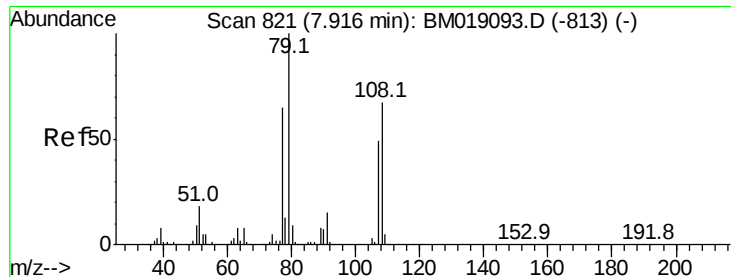
Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Tgt Ion:	146	Resp:	667021
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
111	43.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 48.965 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

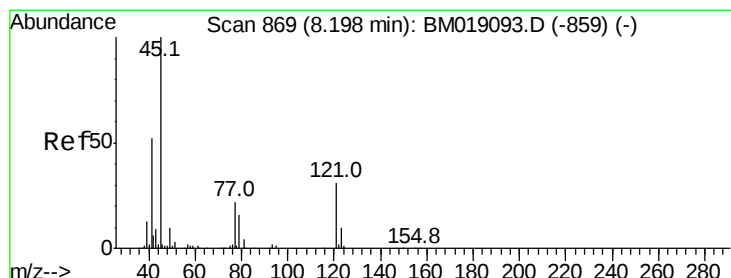
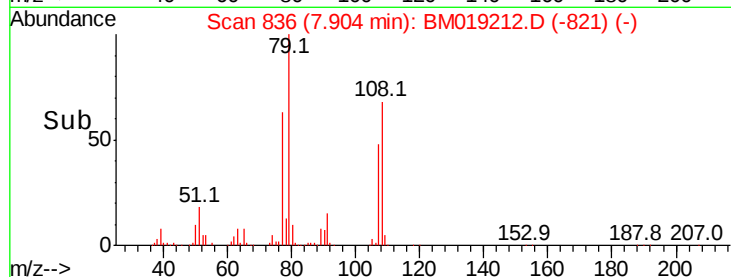
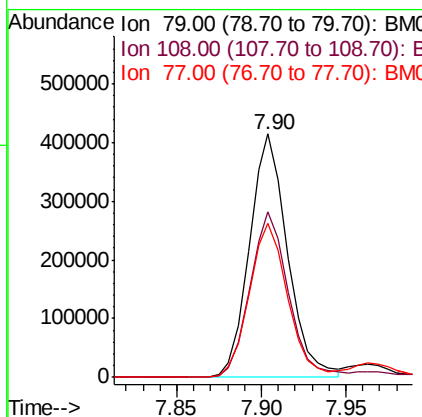
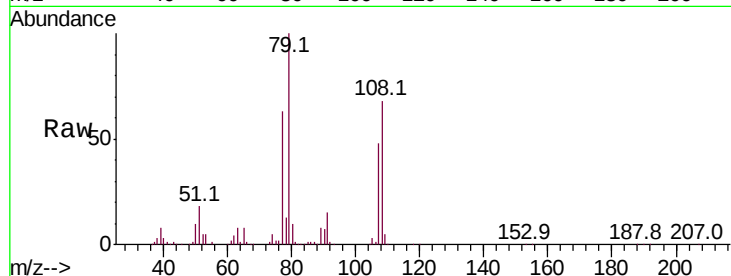
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	649903
Ion Ratio	Lower	Upper	
79	100		
108	68.1	53.7	80.5
77	63.0	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.202 ng

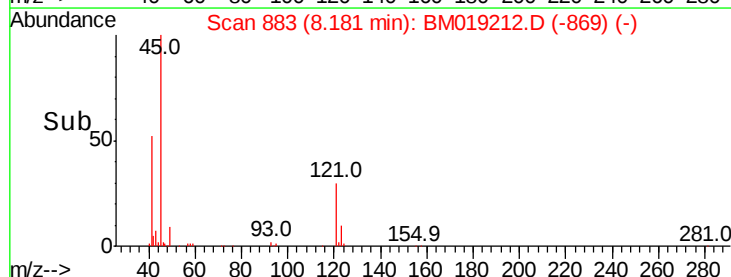
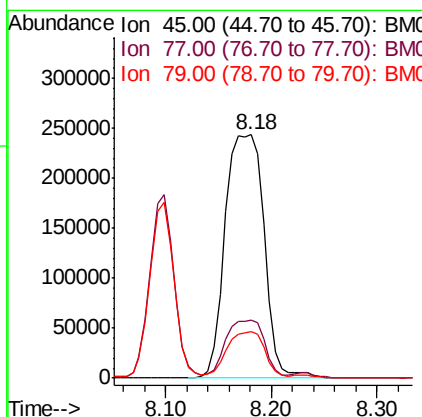
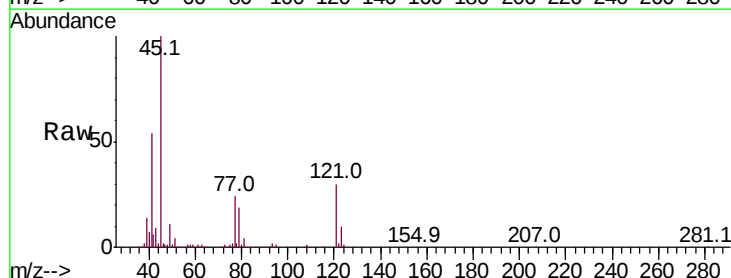
RT: 8.18 min Scan# 883

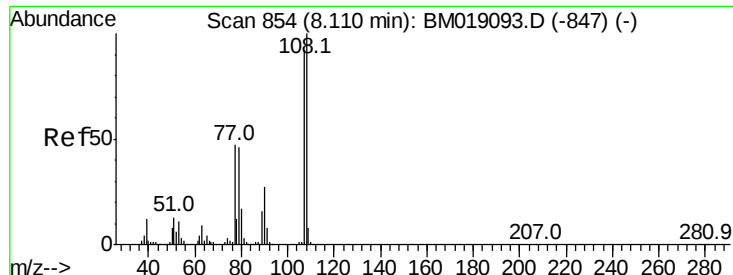
Delta R.T. -0.02 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Tgt Ion:	45	Resp:	622167
Ion Ratio	Lower	Upper	
45	100		
77	24.0	4.1	44.1
79	18.9	0.0	38.1





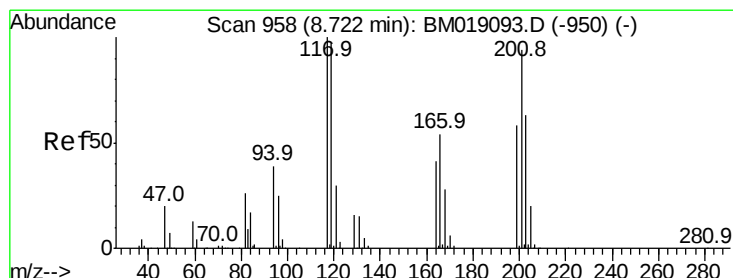
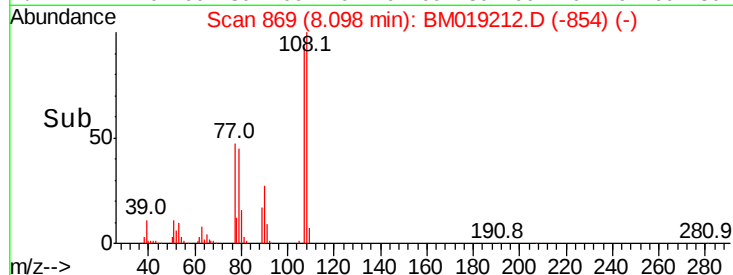
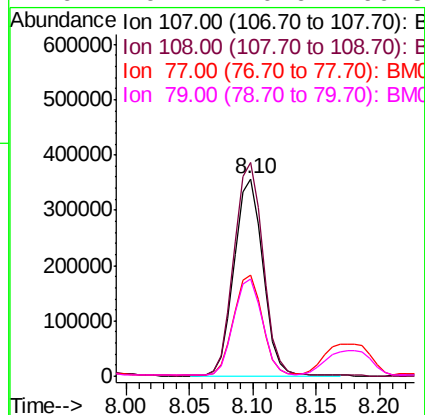
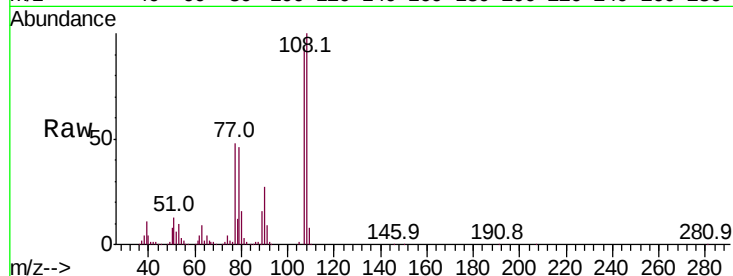
#17
2-Methylphenol
Concen: 49.490 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	87.4	131.2	
77	51.5	41.6	62.4	
79	49.2	40.6	60.8	

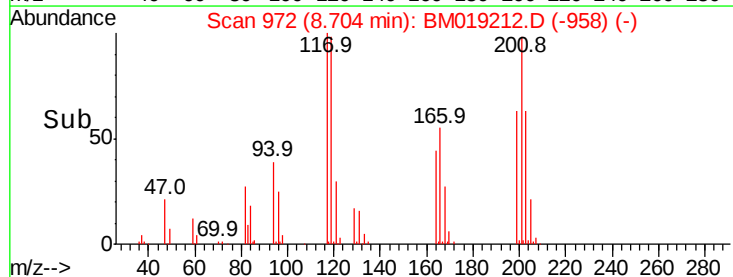
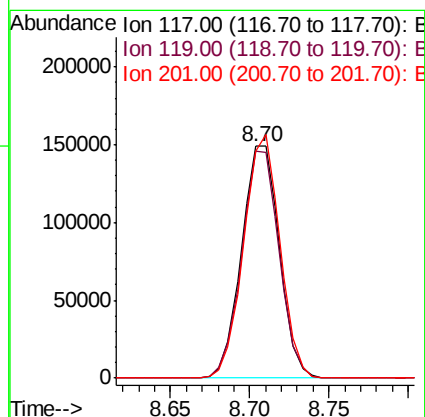
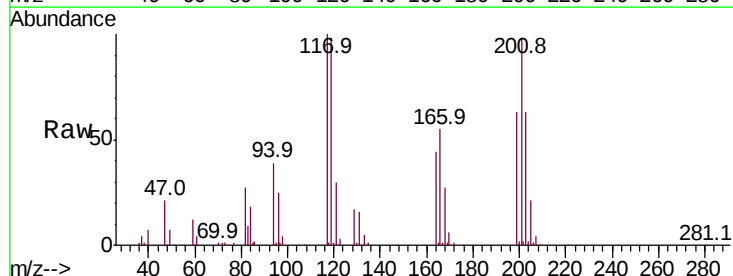
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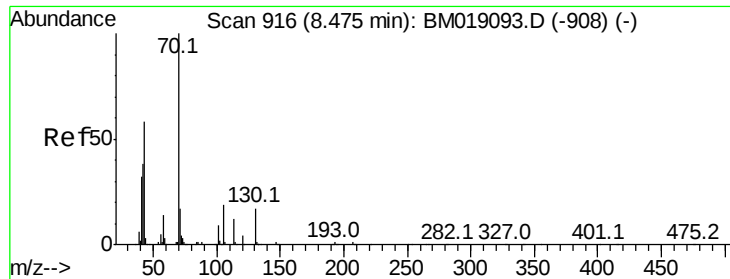
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#18
Hexachloroethane
Concen: 46.816 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.4	116.2	
201	98.0	75.2	112.8	





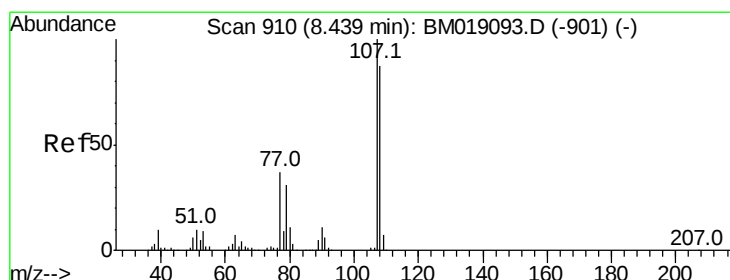
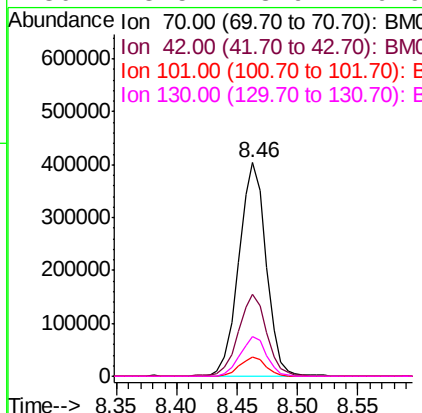
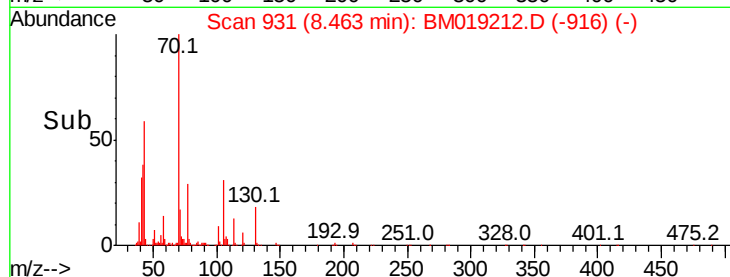
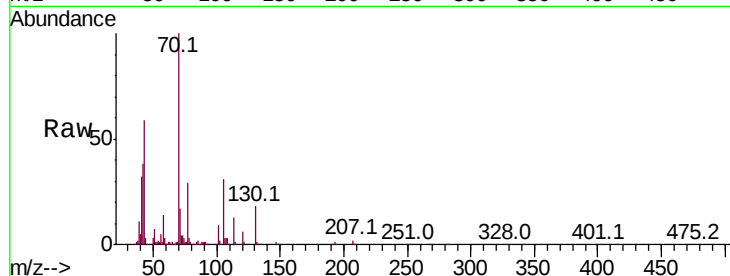
#19
n-Nitroso-di-n-propylamine
Concen: 48.178 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.2	30.6	45.8		
101	8.7	6.8	10.2		
130	18.5	13.9	20.9		

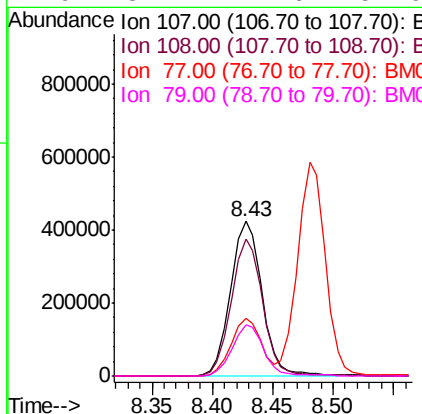
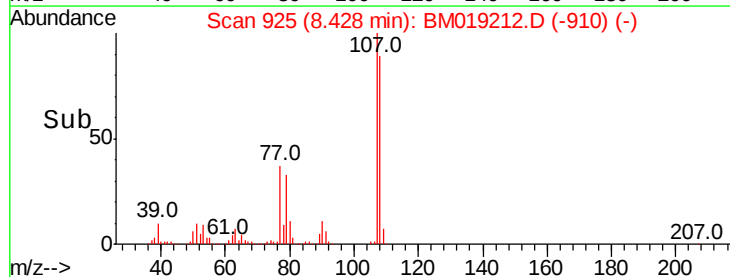
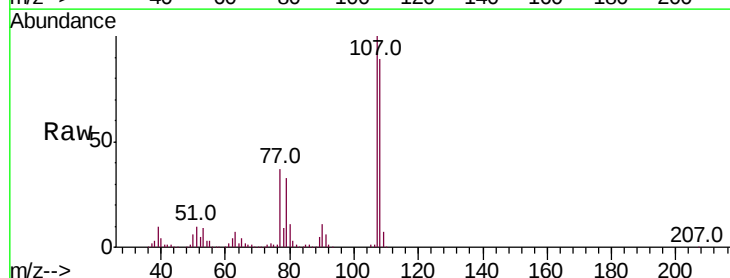
Manual Integrations
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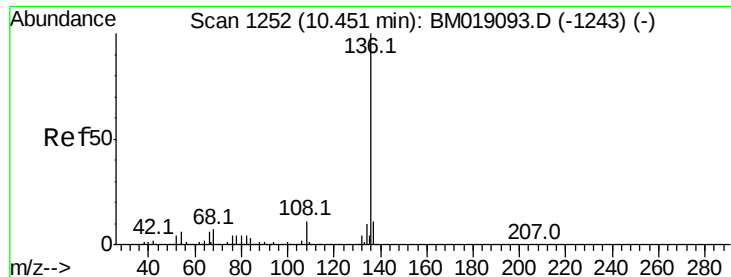
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#20
3+4-Methylphenols
Concen: 50.725 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	67.0	107.0		
77	37.4	17.3	57.3		
79	32.7	11.6	51.6		





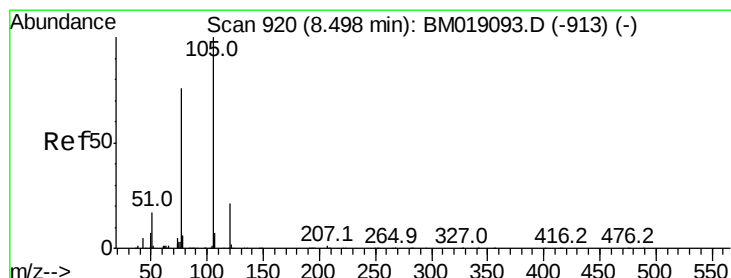
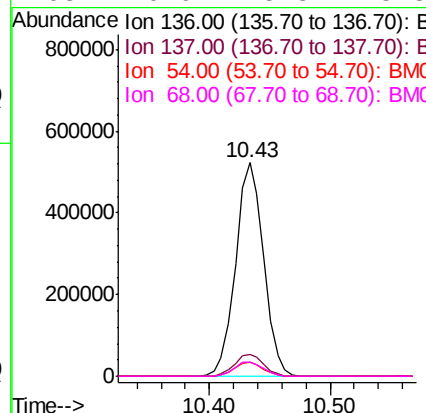
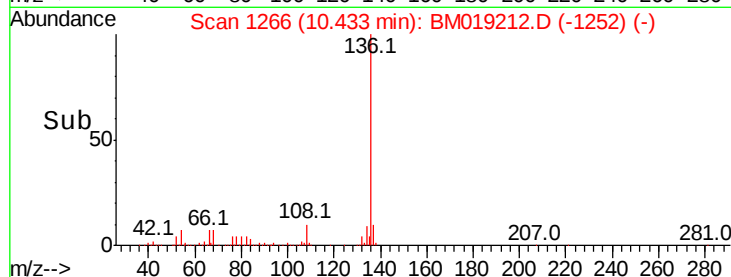
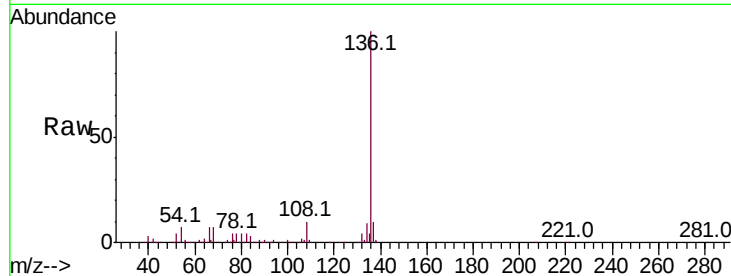
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	843609		
137	10.4		8.6	13.0
54	6.7		5.2	7.8
68	6.9		5.8	8.8

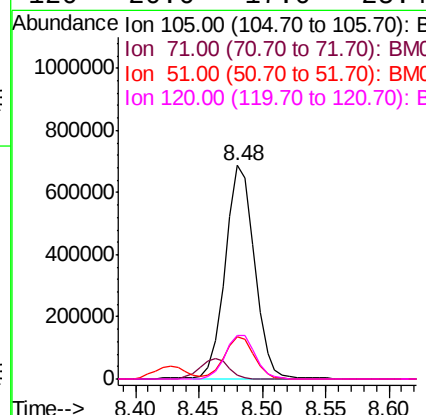
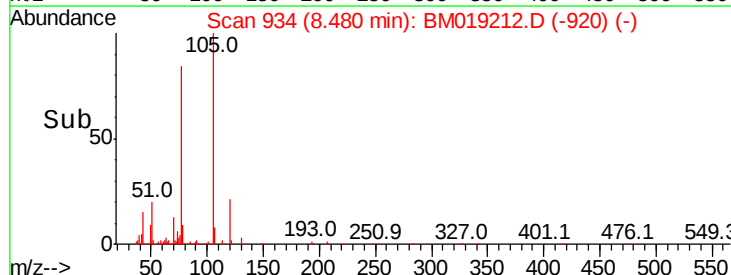
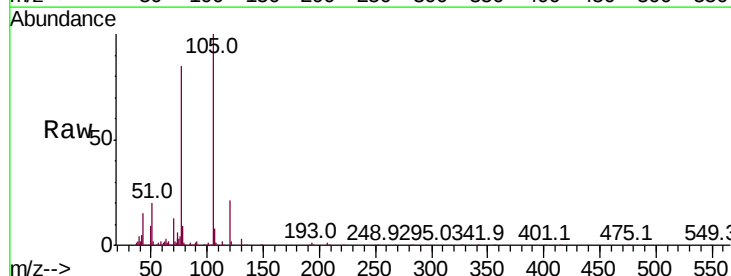
Manual Integrations
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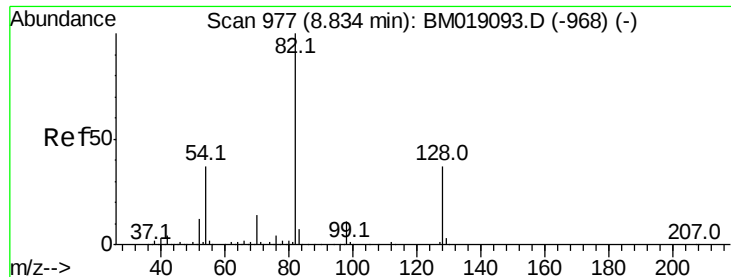
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#22
Acetophenone
Concen: 46.688 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1088477		
71	2.0		0.8	1.2#
51	19.9		15.8	23.6
120	20.6		17.0	25.4





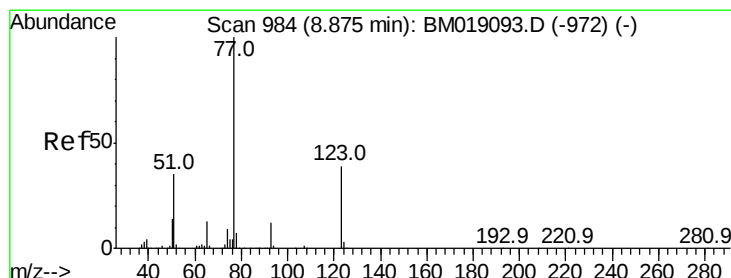
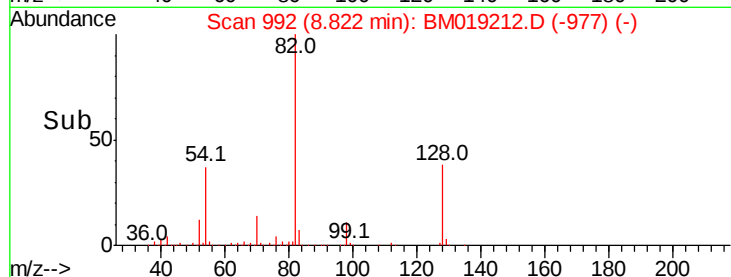
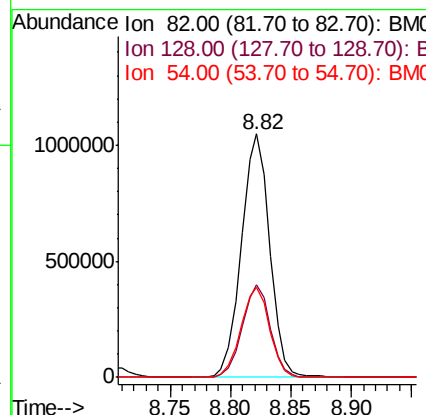
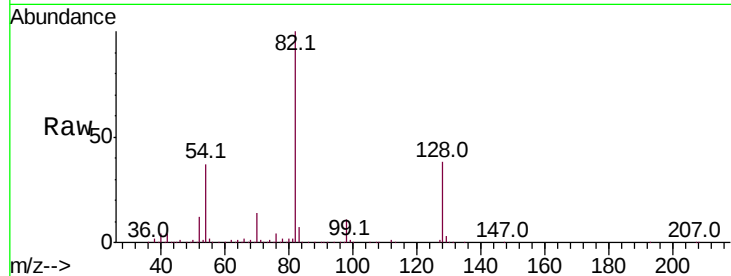
#23
Nitrobenzene-d5
Concen: 96.267 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	37.0	29.9	44.9

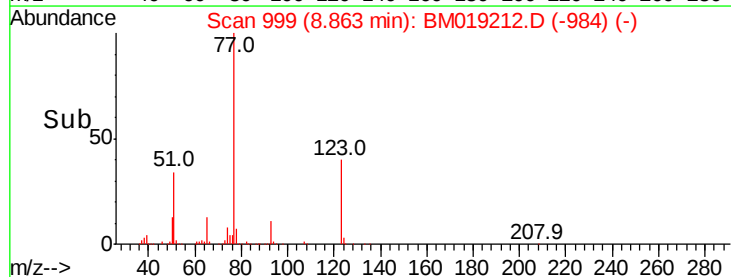
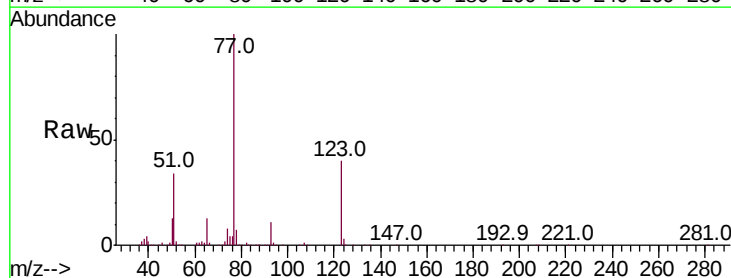
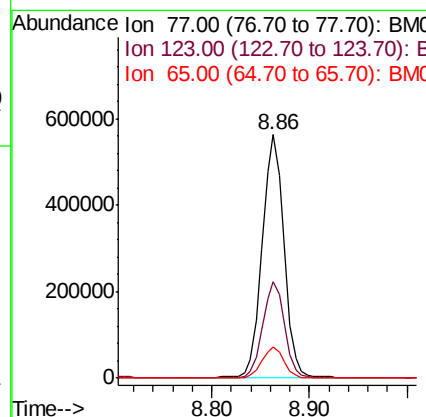
Manual Integrations
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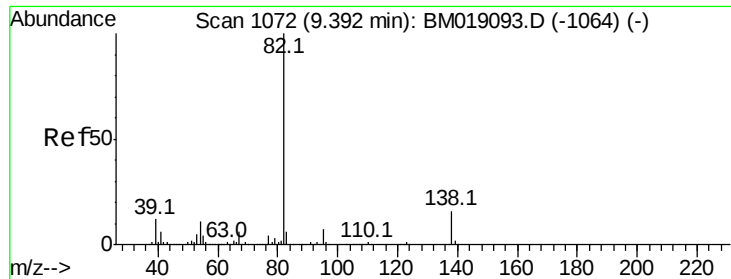
Sohil
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#24
Nitrobenzene
Concen: 47.647 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	31.3	46.9
65	12.9	10.5	15.7





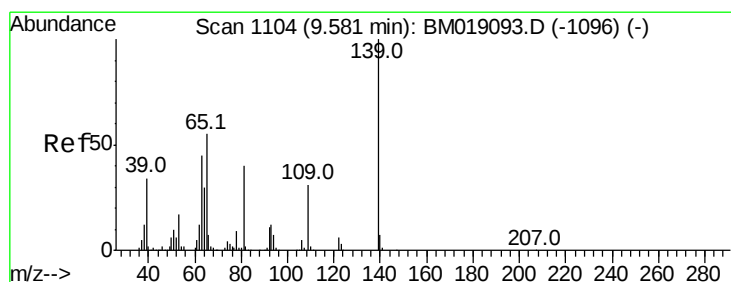
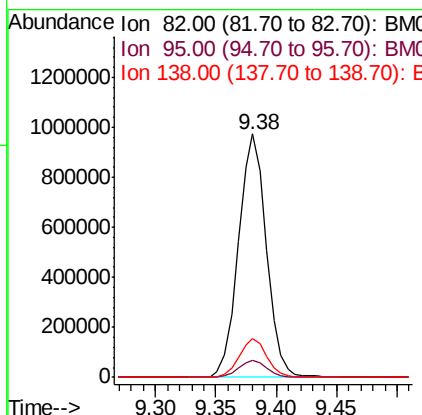
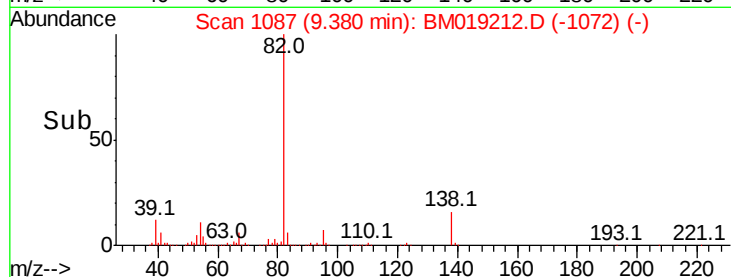
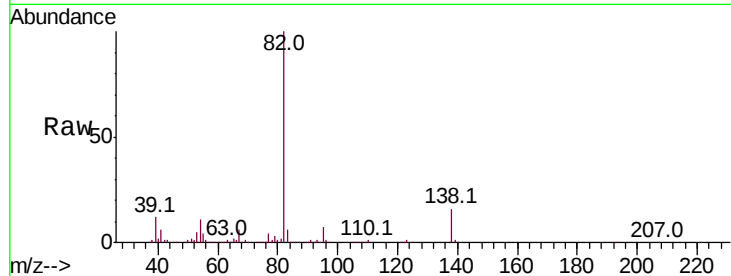
#25
Isophorone
Concen: 46.077 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1569094
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.0 12.6 18.8

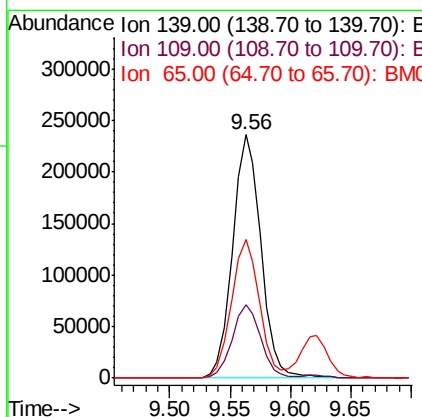
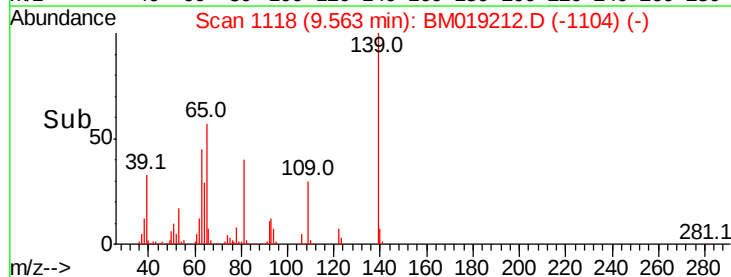
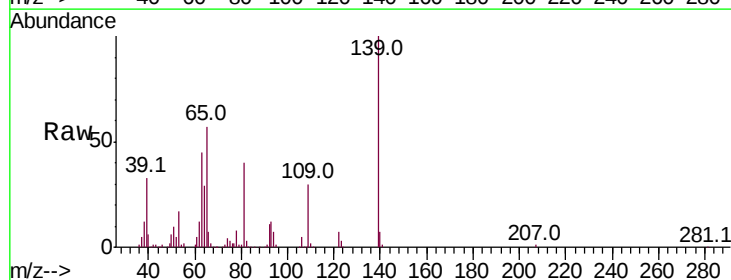
Manual Integrations
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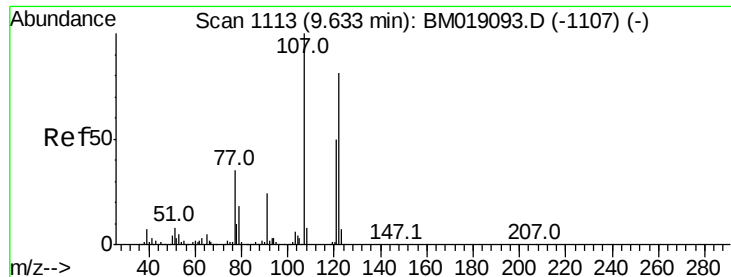
Sohil
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#26
2-Nitrophenol
Concen: 50.329 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion: 139 Resp: 387207
Ion Ratio Lower Upper
139 100
109 30.1 24.5 36.7
65 56.7 44.4 66.6





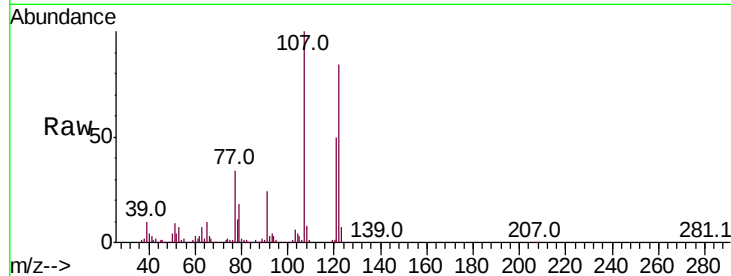
#27
2,4-Dimethylphenol
Concen: 48.709 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	557117		
107	118.7	98.2	147.4	
121	59.0	48.8	73.2	

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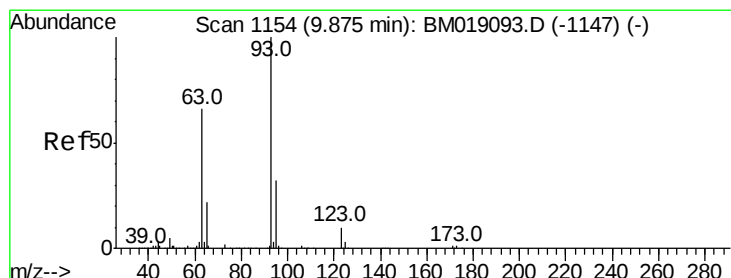
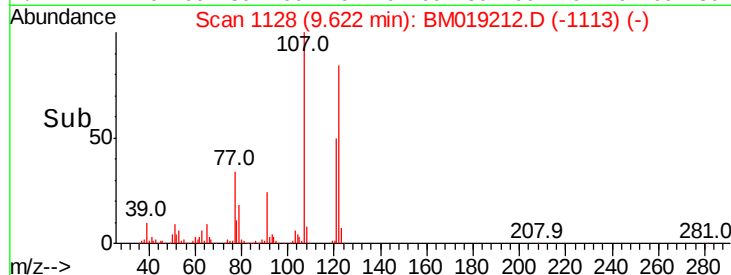
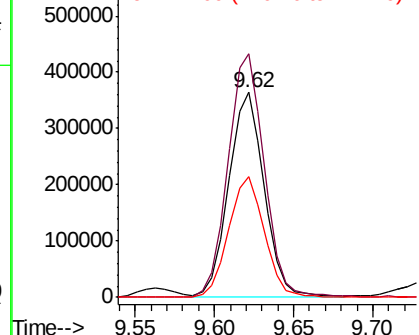


Abundance

Ion 122.00 (121.70 to 122.70): E

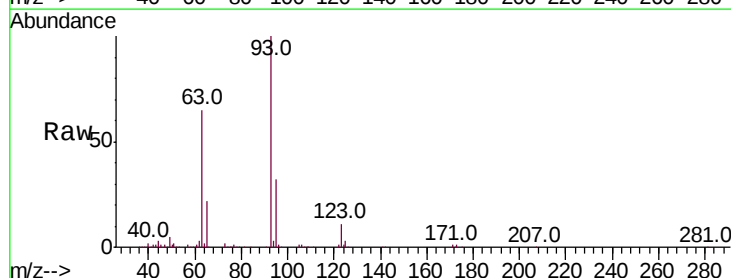
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 46.695 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	941565		
95	32.4	25.8	38.8	
123	10.6	7.9	11.9	

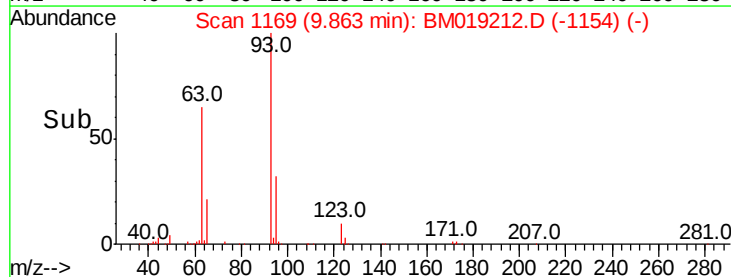
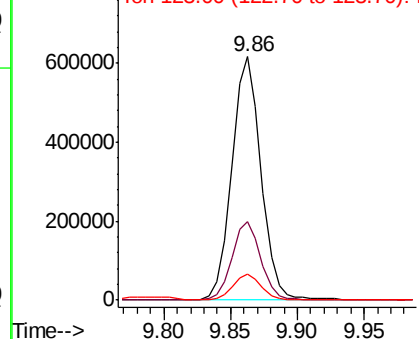


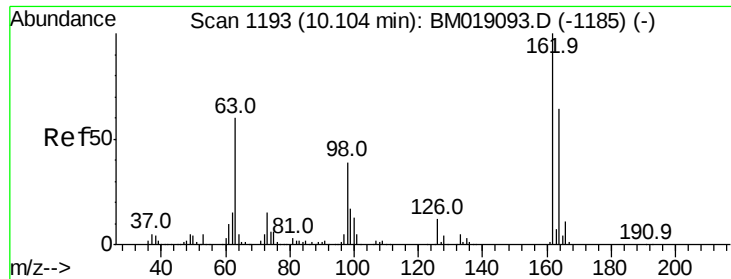
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





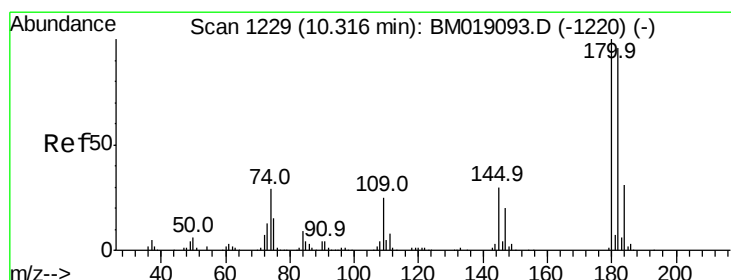
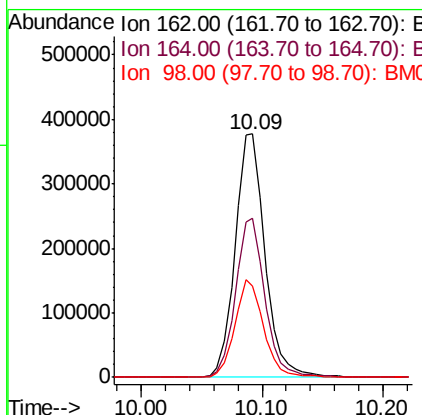
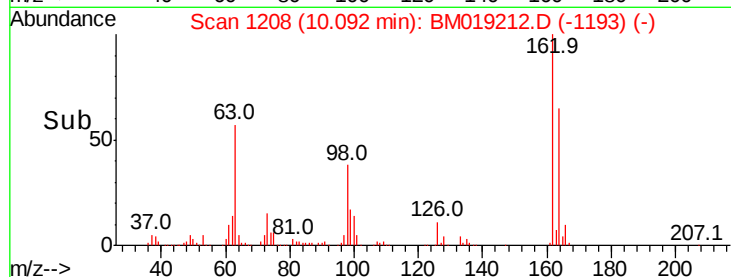
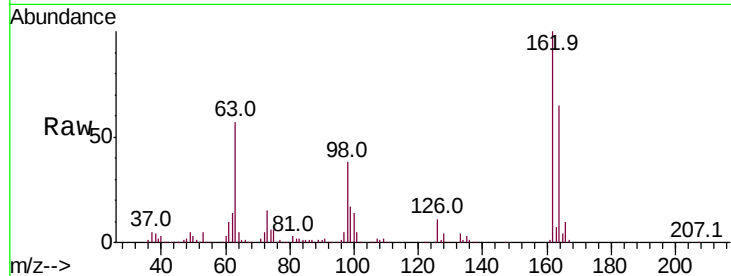
#29
2,4-Dichlorophenol
Concen: 51.356 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	650552		
164	65.2	43.5	83.5	
98	37.8	19.1	59.1	

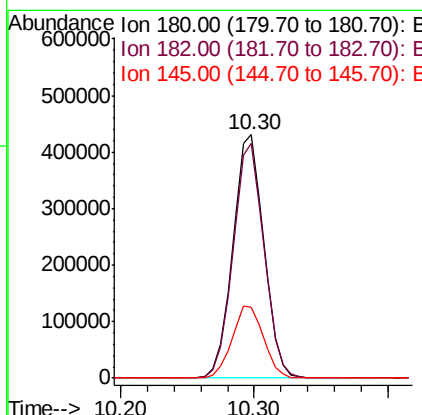
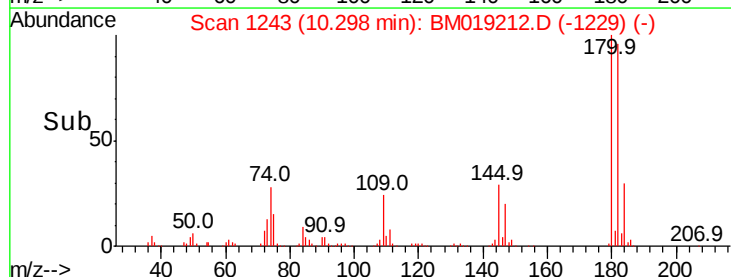
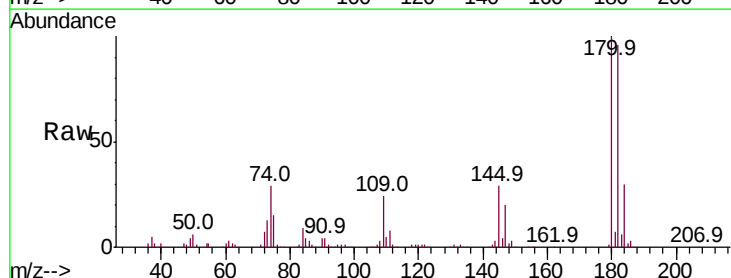
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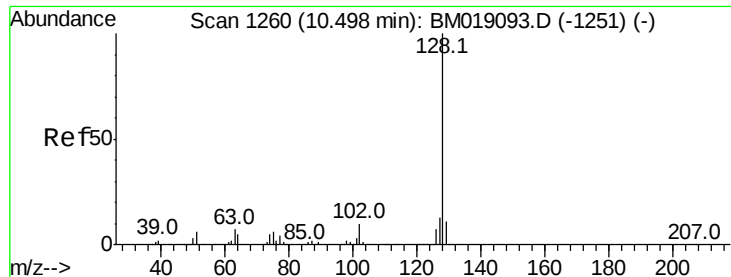
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#30
1,2,4-Trichlorobenzene
Concen: 48.582 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	693937		
182	96.4	76.6	114.8	
145	29.2	24.3	36.5	





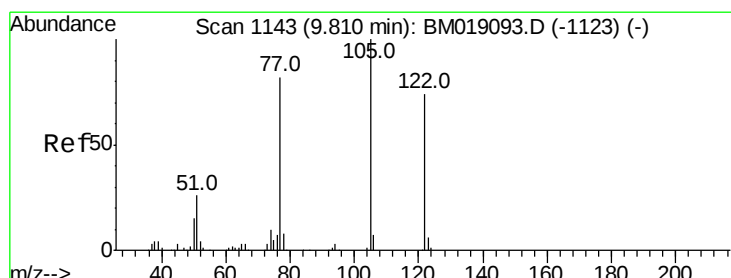
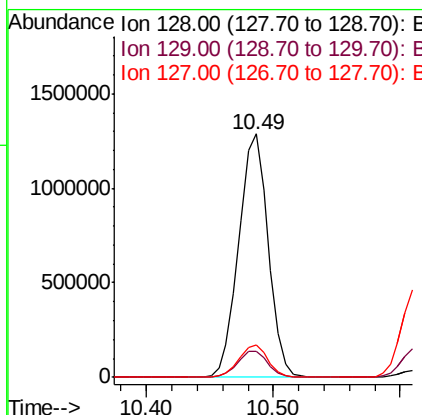
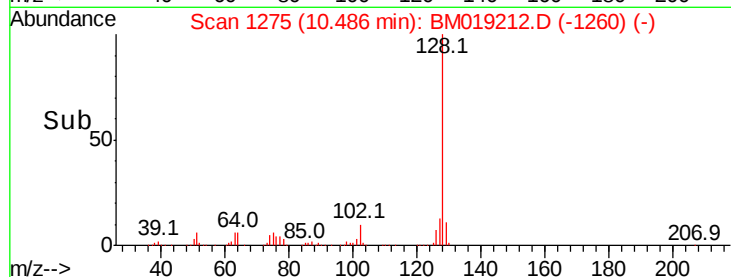
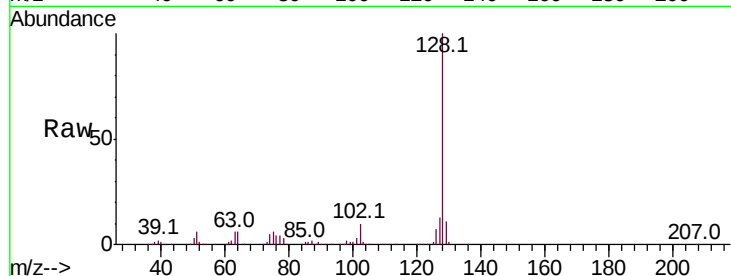
#31
Naphthalene
Concen: 46.739 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.5	10.4	15.6

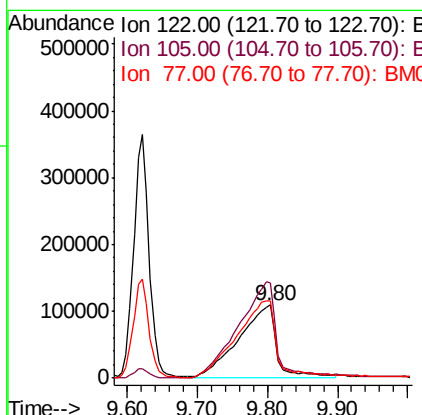
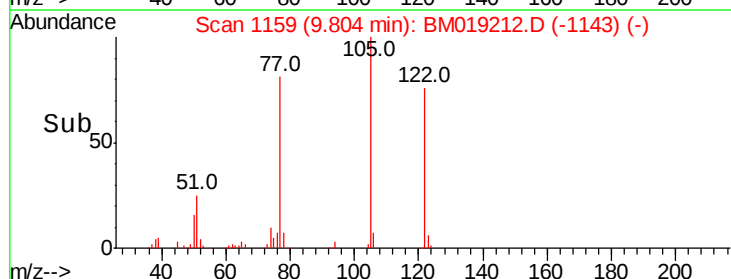
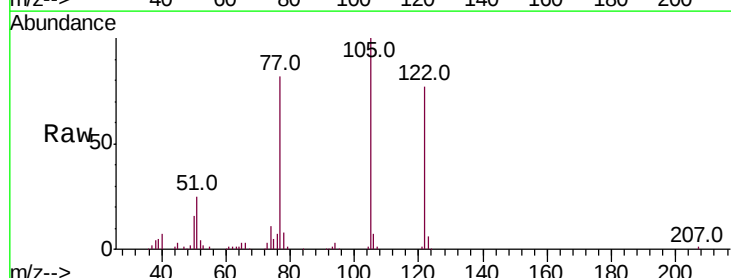
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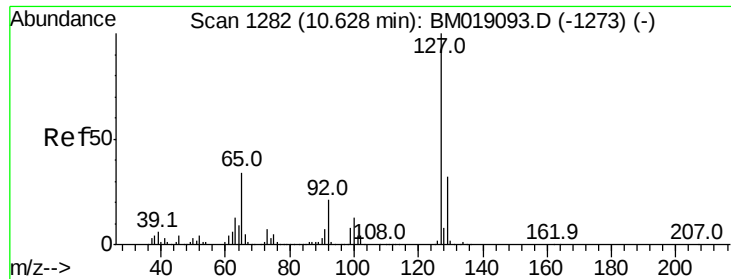
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#32
Benzoic acid
Concen: 43.471 ng m
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.9	113.0	153.0
77	106.2	90.1	130.1





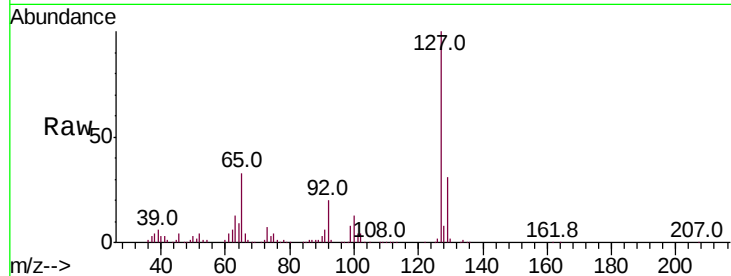
#33
4-Chloroaniline
Concen: 49.095 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	25.3	37.9	
65	33.3	27.4	41.2	
92	20.3	16.8	25.2	

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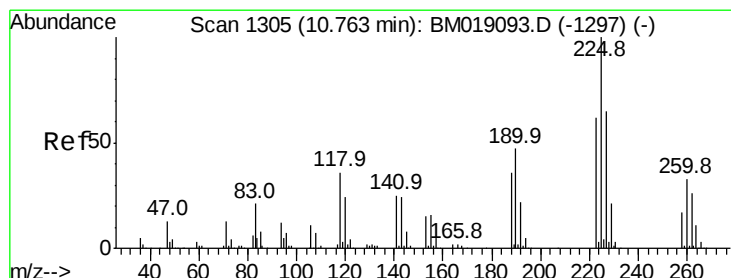
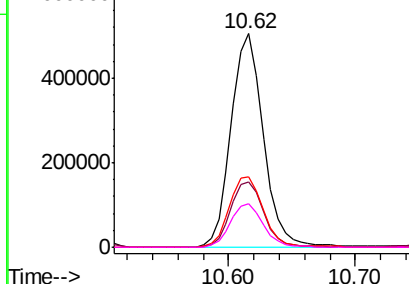
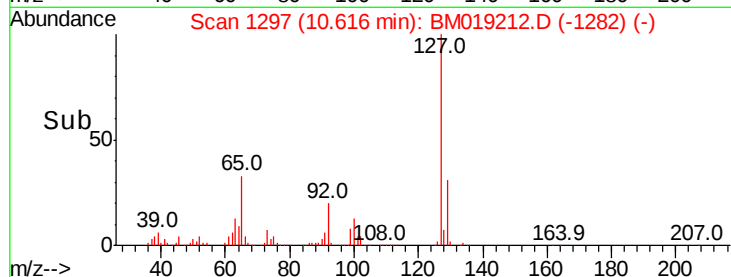
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

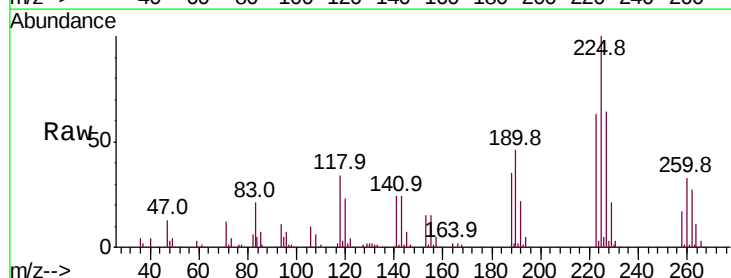
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 47.101 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	49.4	74.0	
227	64.4	51.6	77.4	

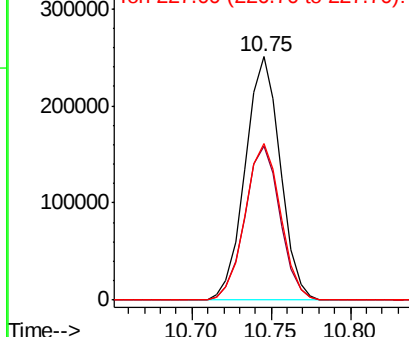
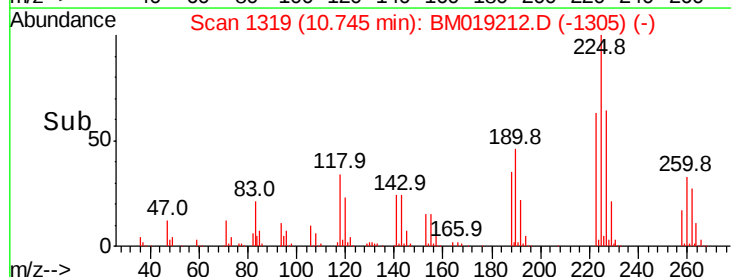


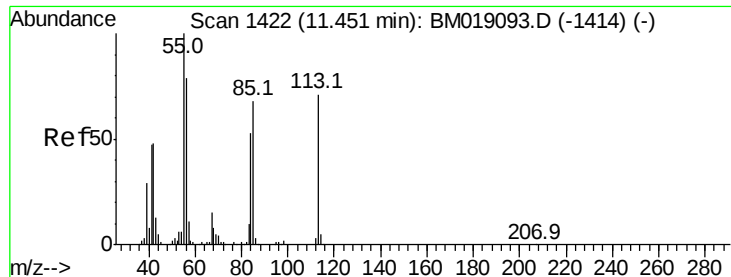
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.703 ng/mL

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 228792

Ion Ratio Lower Upper

113 100

55 139.8 120.1 160.1

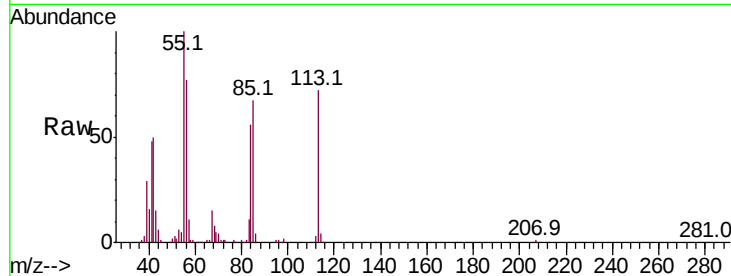
56 107.0 90.1 130.1

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM019093.D (-1414) (-)

Ion 56.00 (55.70 to 56.70): BM019093.D (-1414) (-)

150000

100000

50000

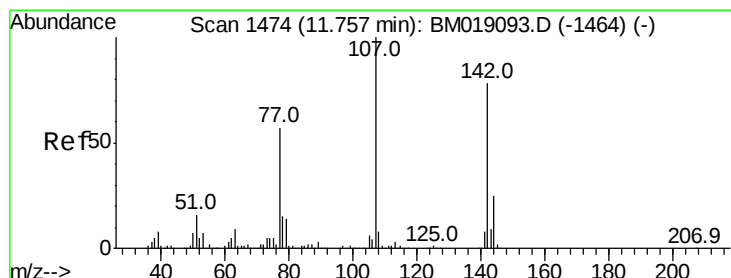
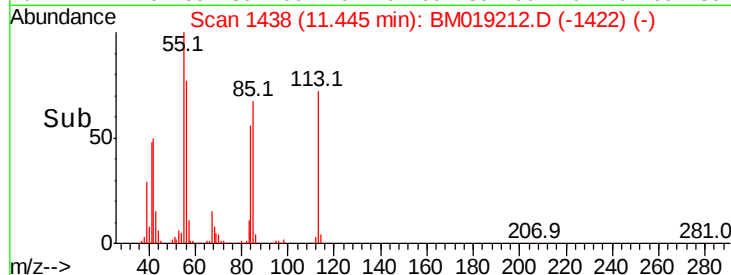
0

11.45

11.40

11.60

Time-->



#36

4-Chloro-3-methylphenol

Concen: 48.788 ng/mL

RT: 11.74 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

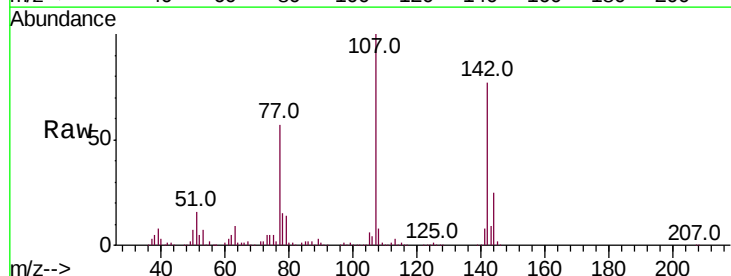
Tgt Ion:107 Resp: 762558

Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.4

142 76.5 62.4 93.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

600000

500000

400000

300000

200000

100000

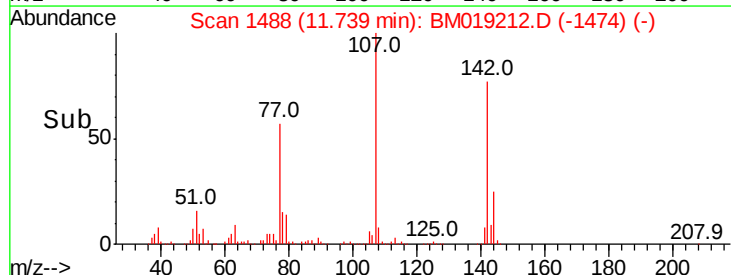
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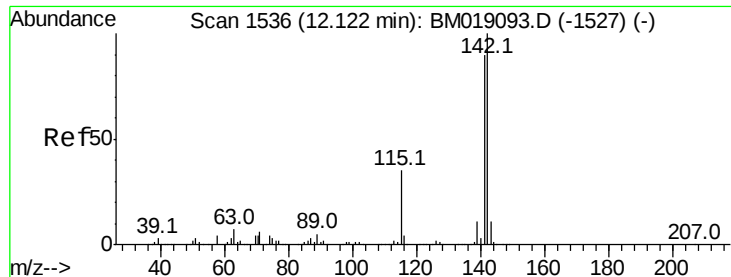
11.74

11.70

11.80

Time-->





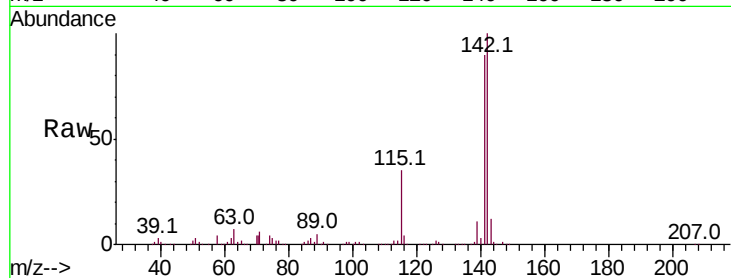
#37
2-Methylnaphthalene
Concen: 47.438 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	34.8	27.8	41.8

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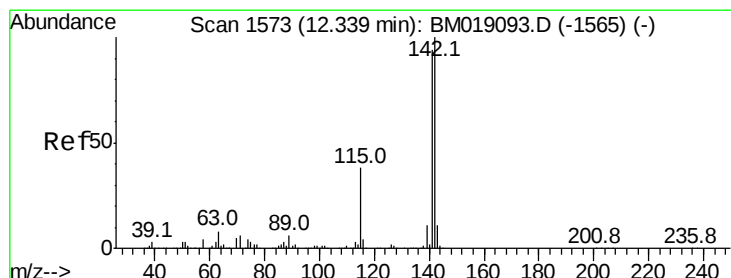
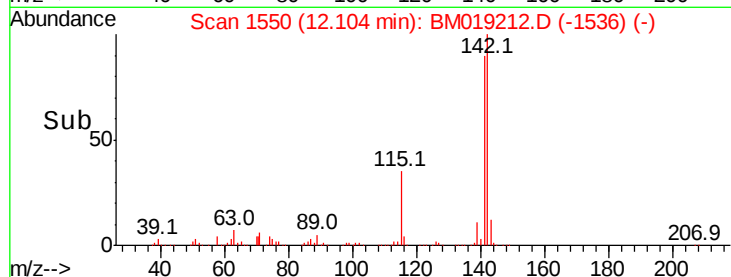
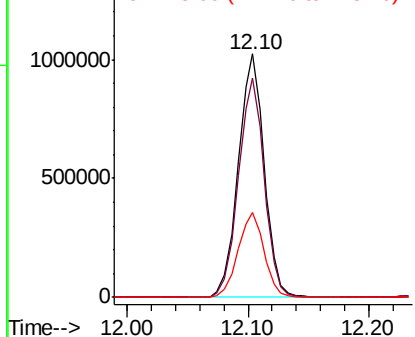


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.207 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

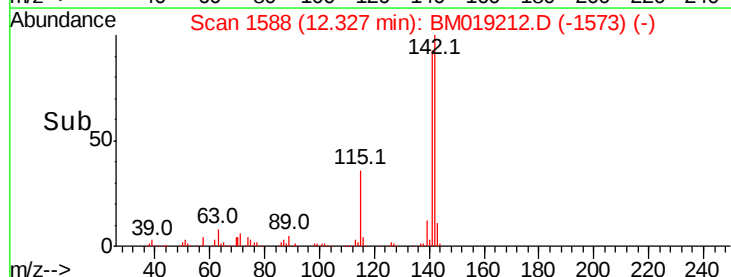
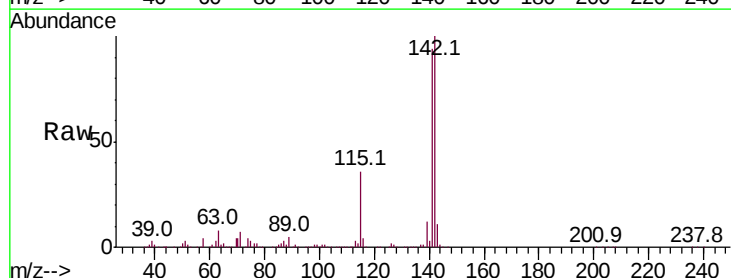
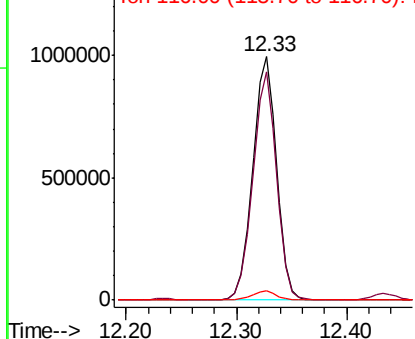
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.9	112.3
116	3.8	3.2	4.8

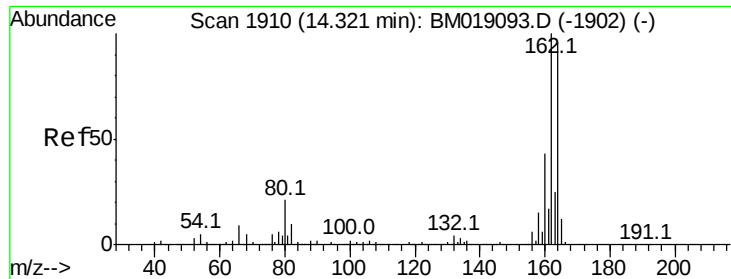
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





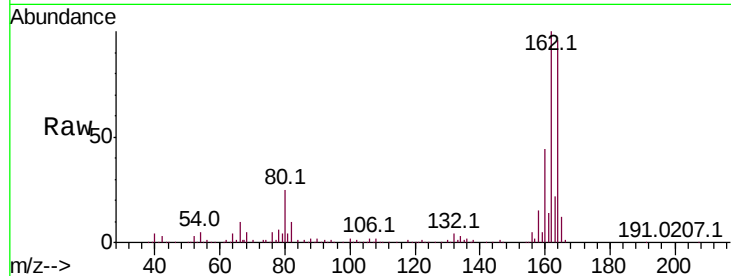
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.5	125.3
160	46.0	36.3	54.5

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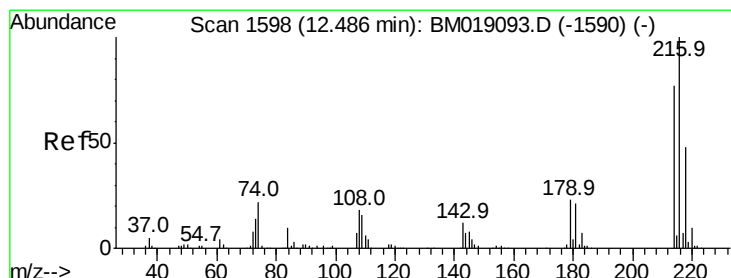
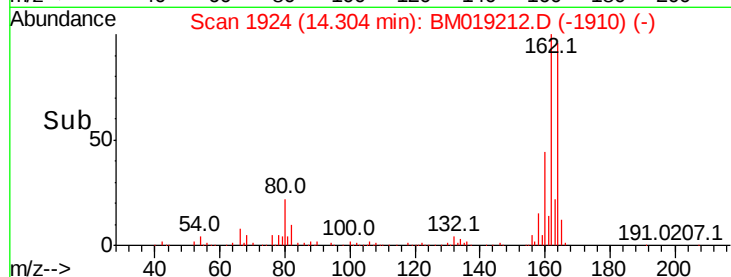
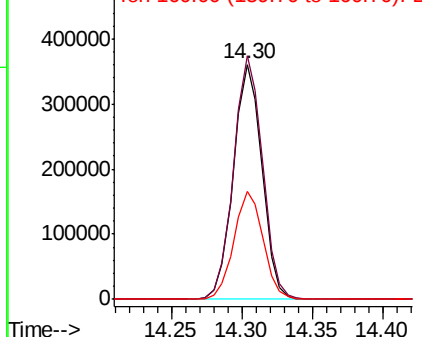


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.850 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	22.4	18.0	27.0
108	19.6	16.2	24.4

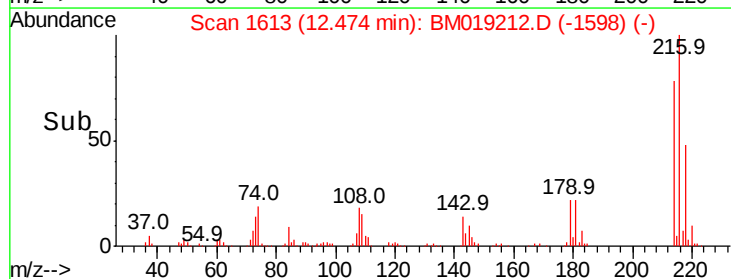
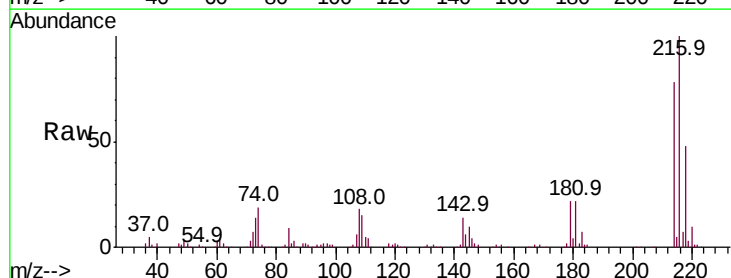
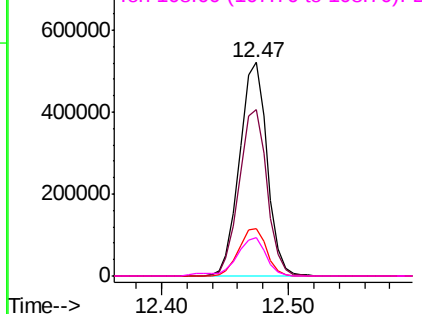
Abundance

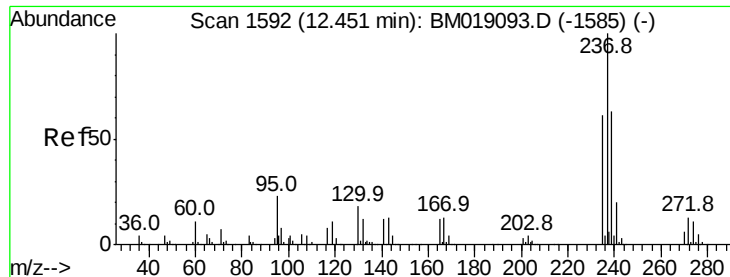
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





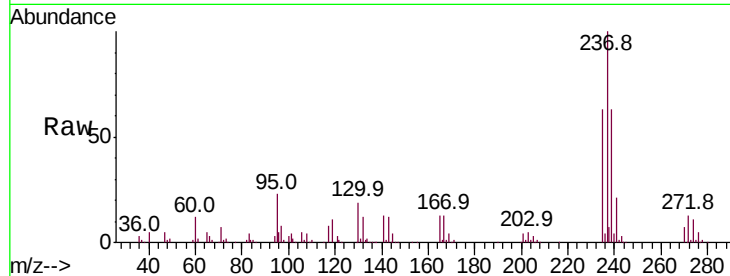
#41
Hexachlorocyclopentadiene
Concen: 44.837 ng
RT: 12.43 min Scan# 1606
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

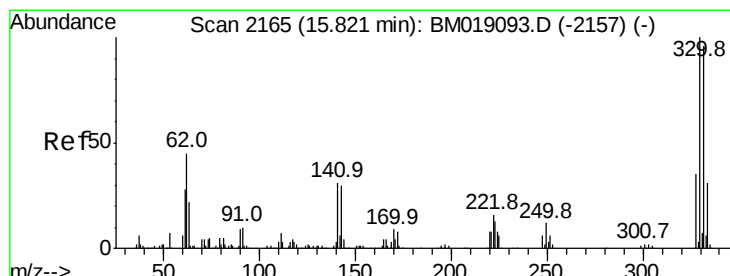
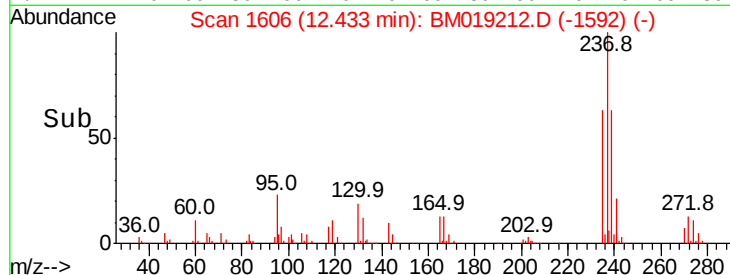
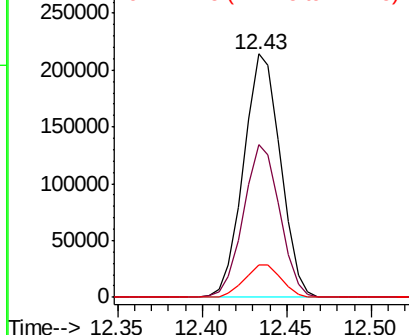
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	41.3	81.3
272	13.2	0.0	33.1

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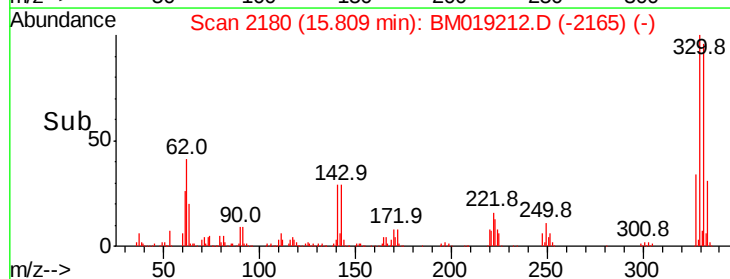
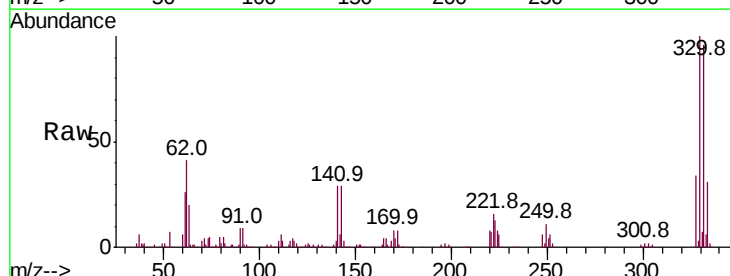
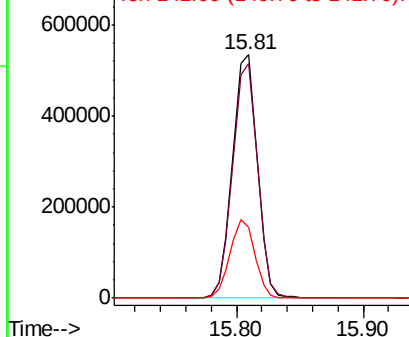
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

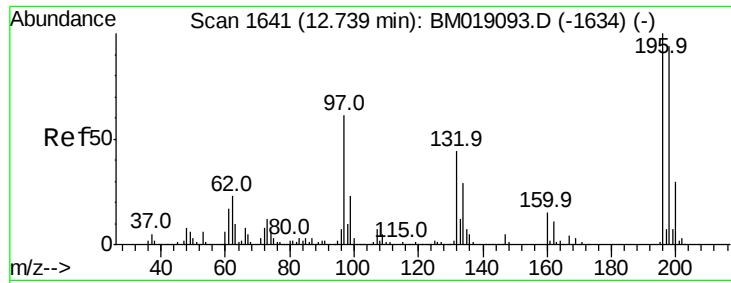


#42
2,4,6-Tribromophenol
Concen: 97.085 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	76.8	115.2
141	32.4	27.0	40.4

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





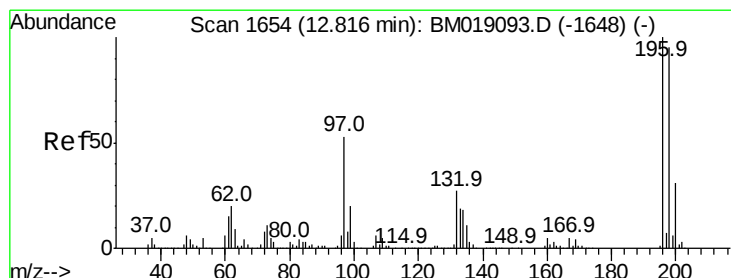
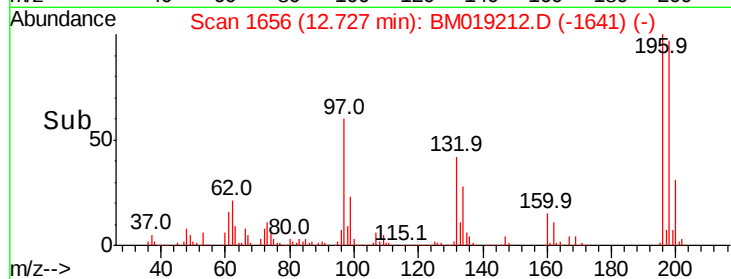
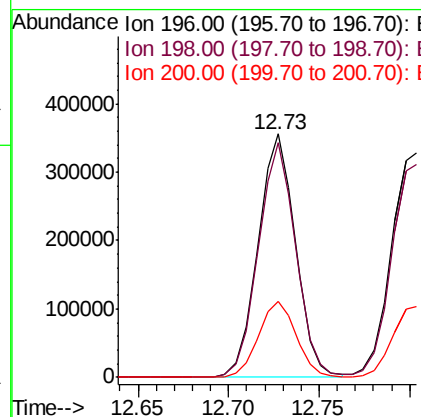
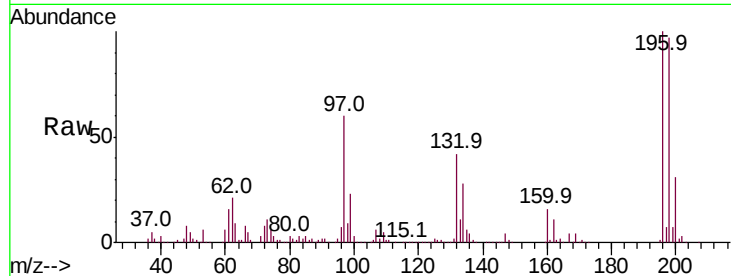
#43
 2,4,6-Trichlorophenol
 Concen: 49.124 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	509392		
198	96.5	75.4	113.0	
200	31.3	24.2	36.2	

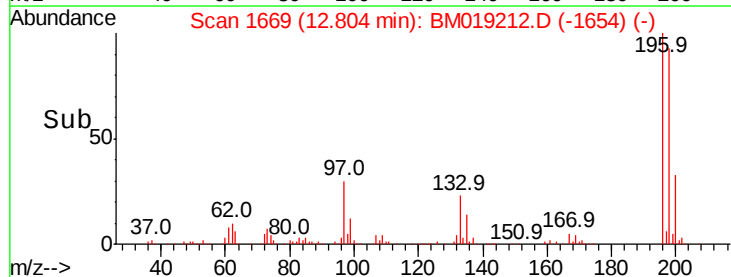
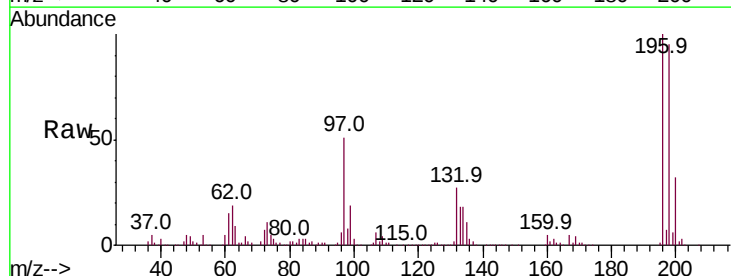
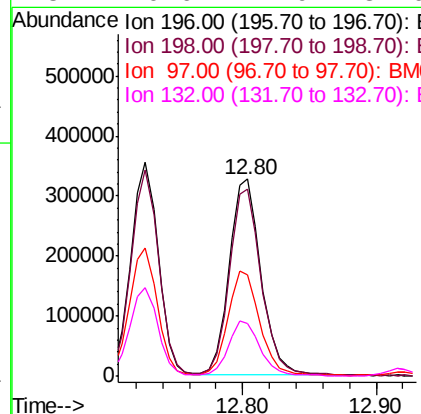
Manual Integrations
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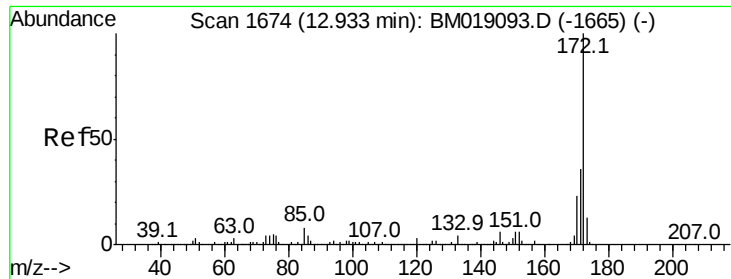
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 48.899 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	542210		
198	95.0	75.9	113.9	
97	51.2	42.5	63.7	
132	26.6	21.9	32.9	





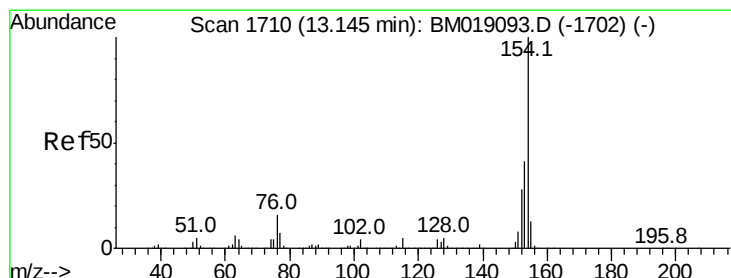
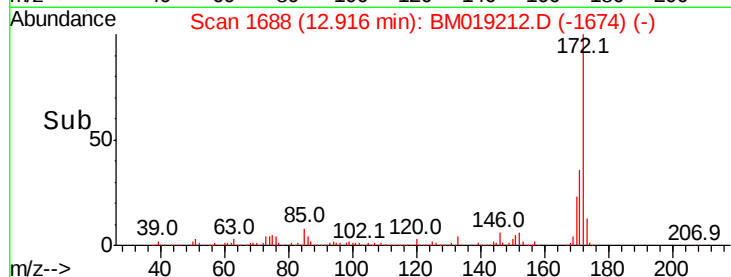
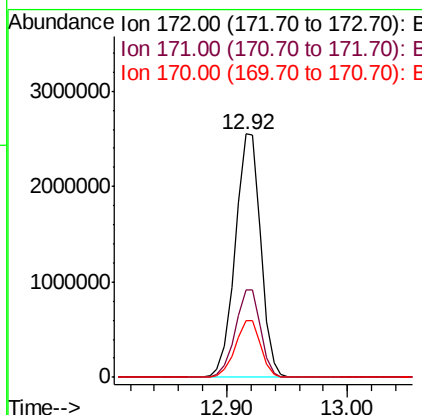
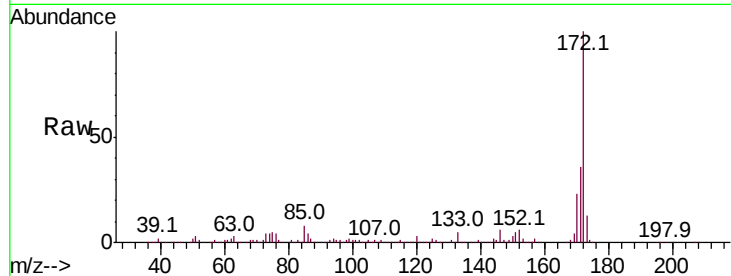
#45
2-Fluorobiphenyl
Concen: 96.126 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.3	18.6	28.0

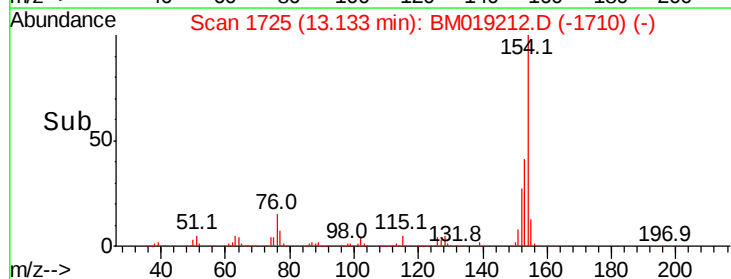
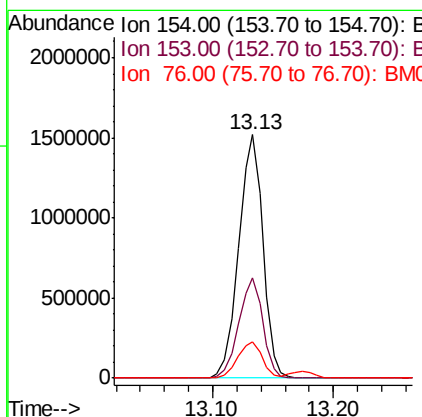
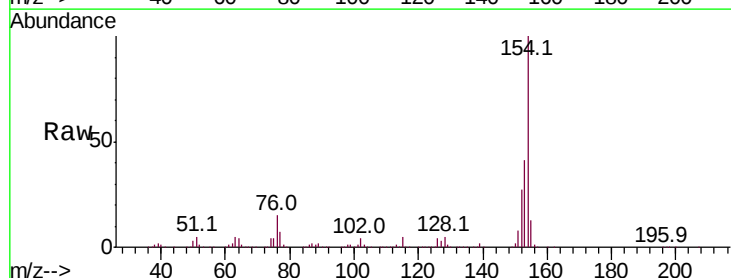
Manual Integrations
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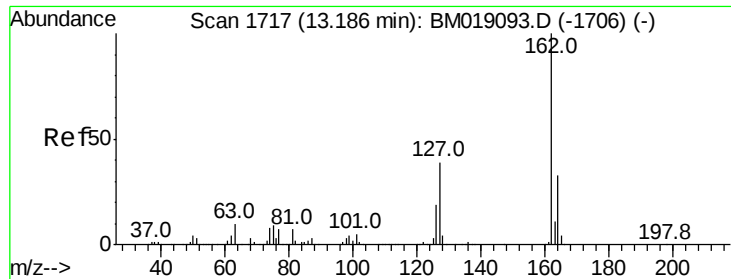
Sohil
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#46
1,1'-Biphenyl
Concen: 47.895 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	15.1	0.0	35.8





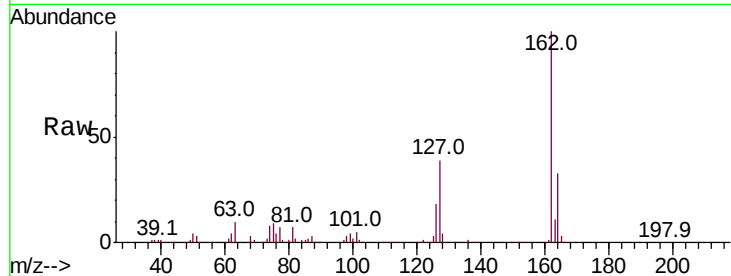
#47
2-Chloronaphthalene
Concen: 48.624 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

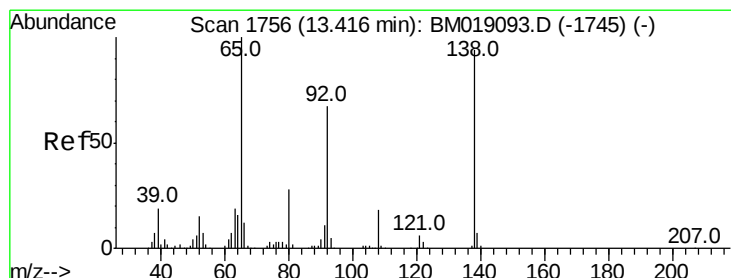
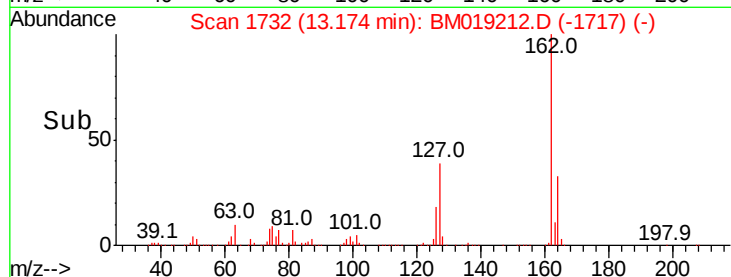
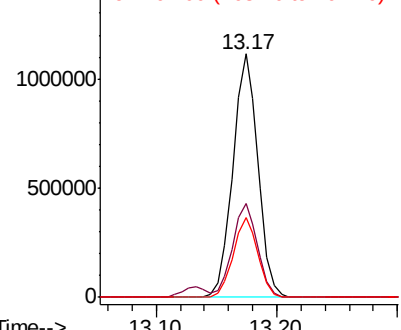
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.2	46.8
164	32.6	26.3	39.5

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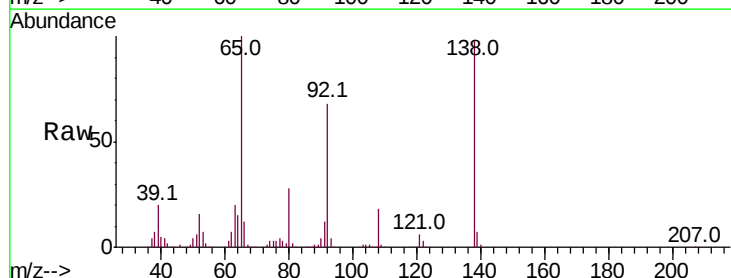


Abundance Ion 162.00 (161.70 to 162.70): E
1500000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

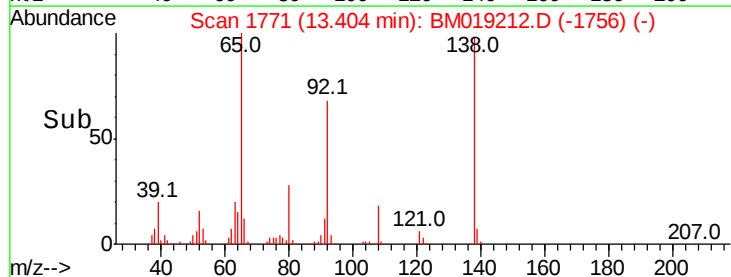
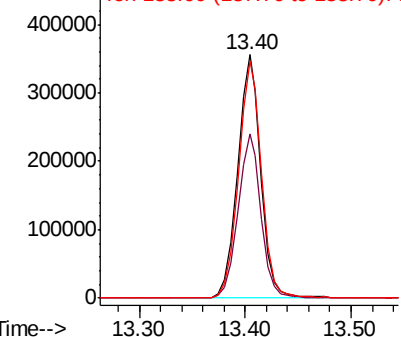


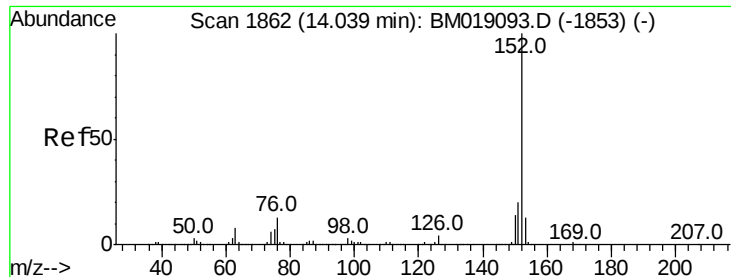
#48
2-Nitroaniline
Concen: 48.757 ng
RT: 13.40 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.4	80.2
138	97.6	74.9	112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.088 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2632740

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

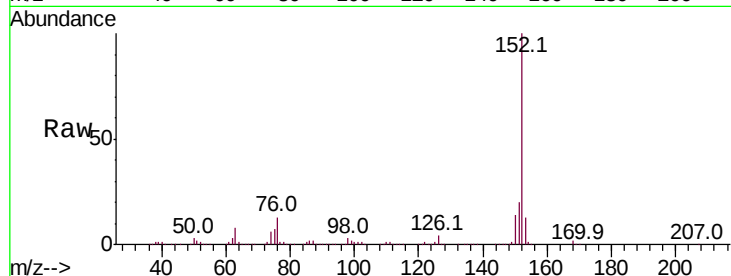
153 12.9 10.6 15.8

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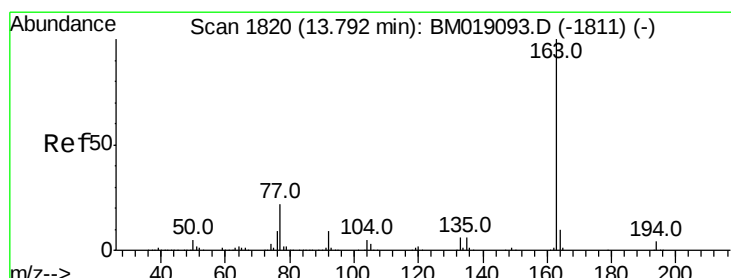
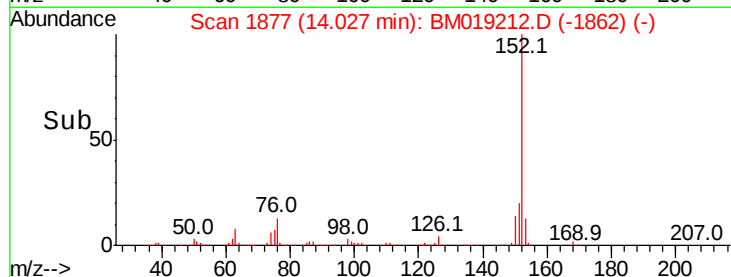
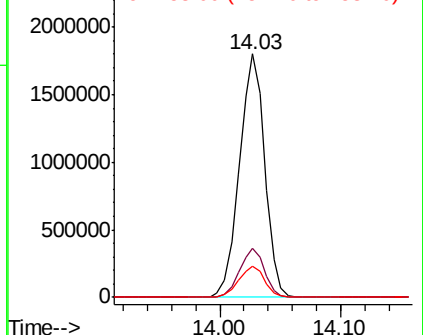


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.304 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Tgt Ion:163 Resp: 2009281

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

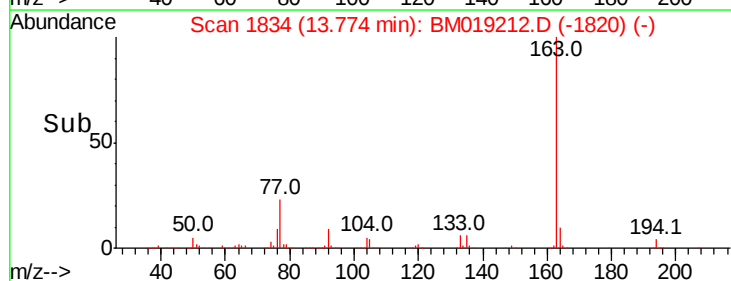
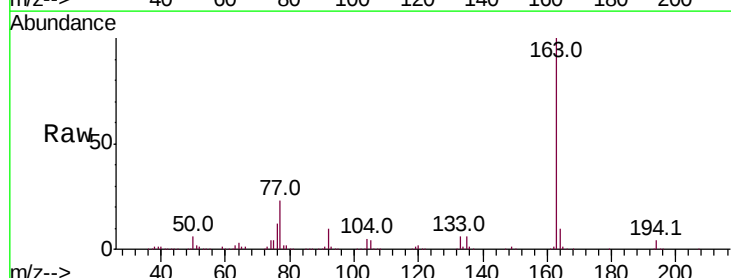
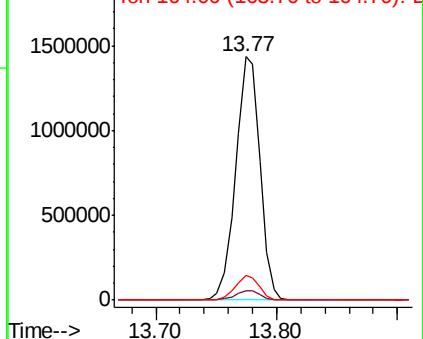
164 10.1 7.7 11.5

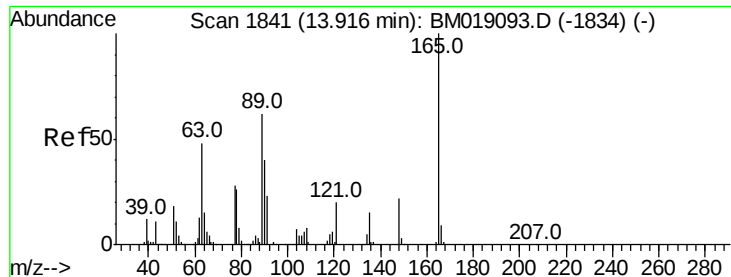
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





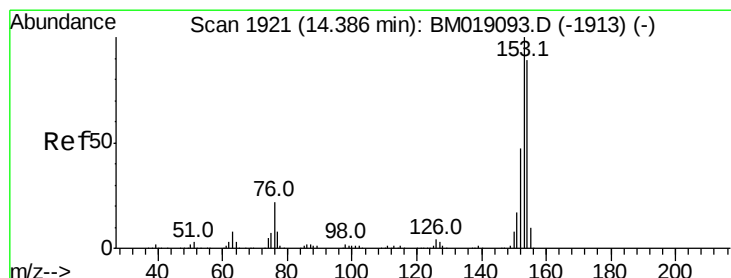
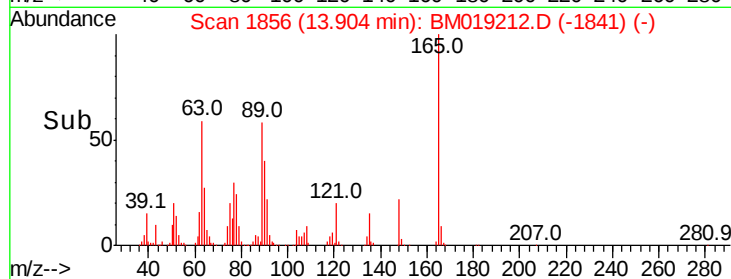
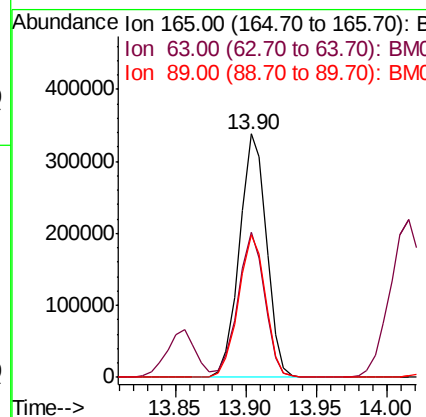
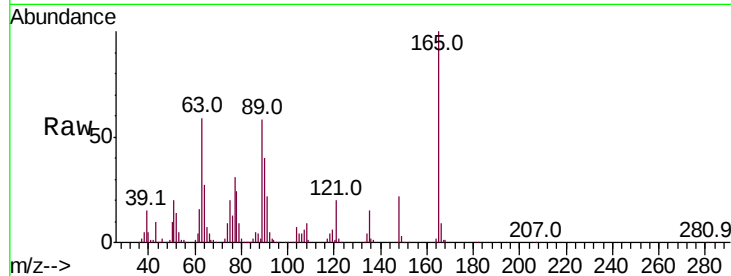
#51
2,6-Dinitrotoluene
Concen: 48.134 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.4	48.2	72.4	
89	58.4	49.3	73.9	

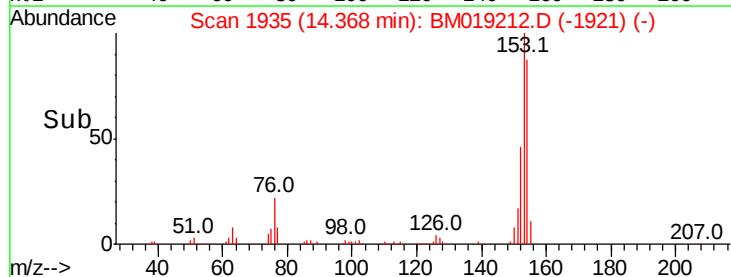
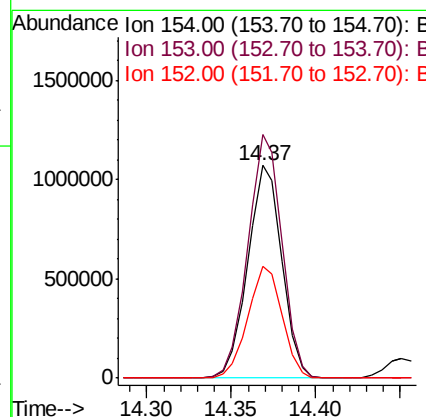
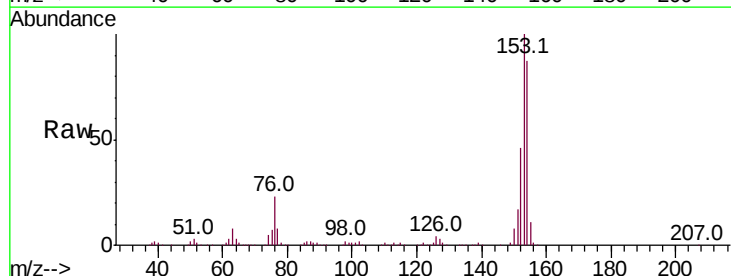
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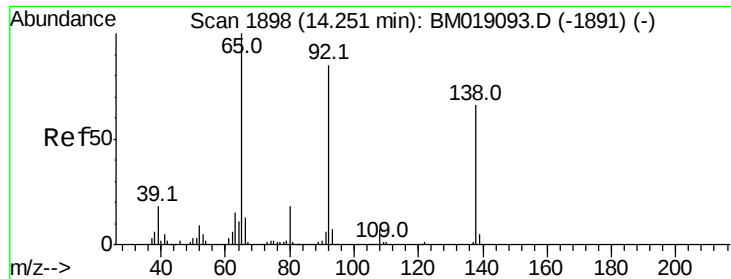
Sohil
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#52
Acenaphthene
Concen: 46.894 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.6	90.1	135.1	
152	52.7	42.5	63.7	





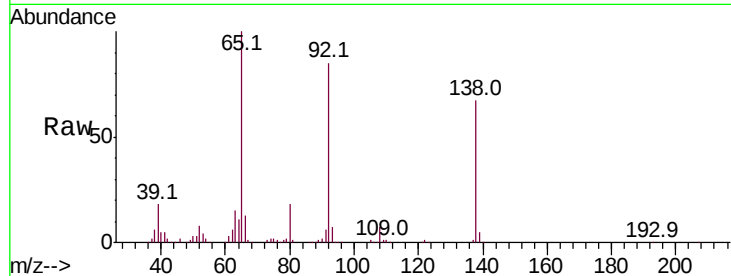
#53
3-Nitroaniline
Concen: 46.125 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	126.7	102.6	153.8

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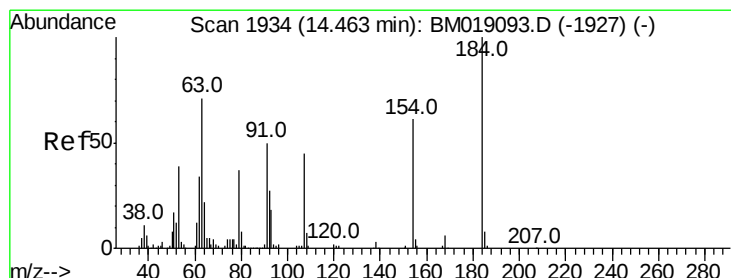
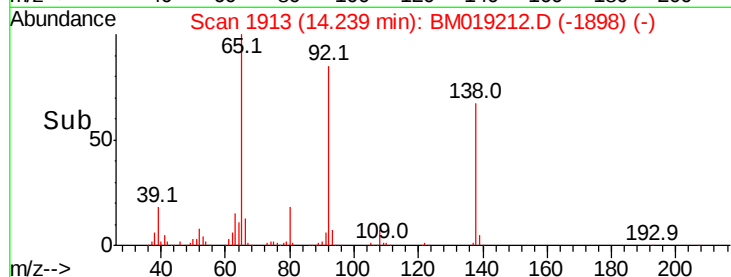
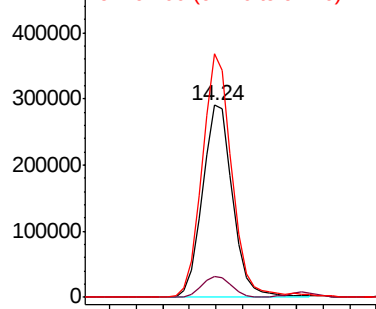


Abundance

Ion 138.00 (137.70 to 138.70): E

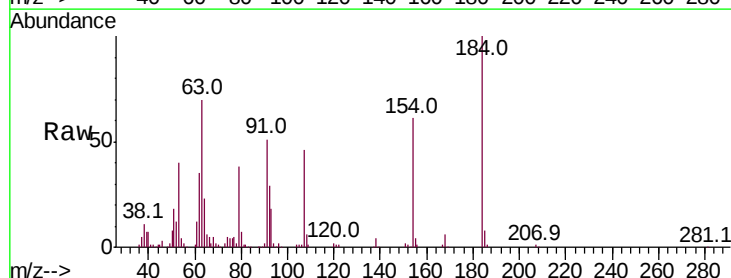
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 48.415 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	56.7	85.1
154	60.6	49.3	73.9

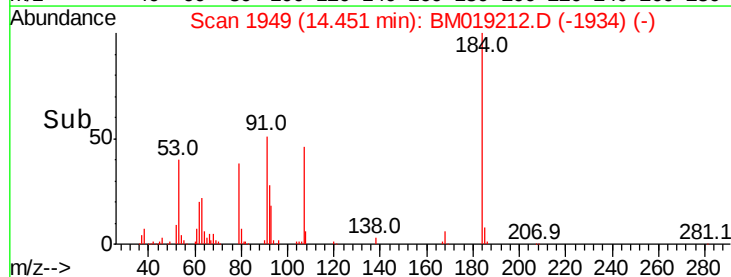
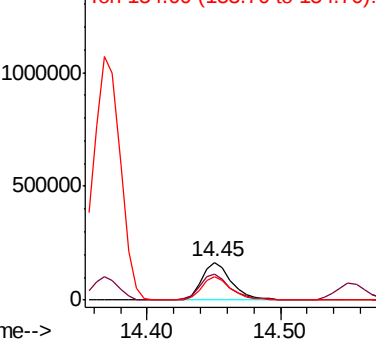


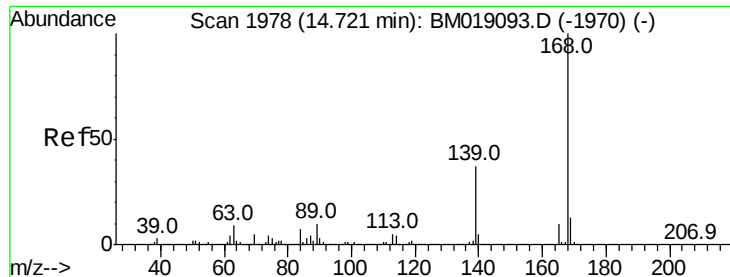
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





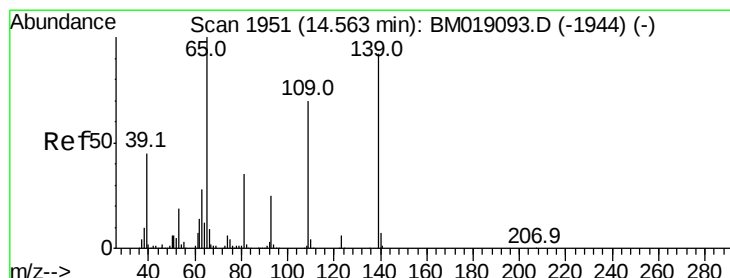
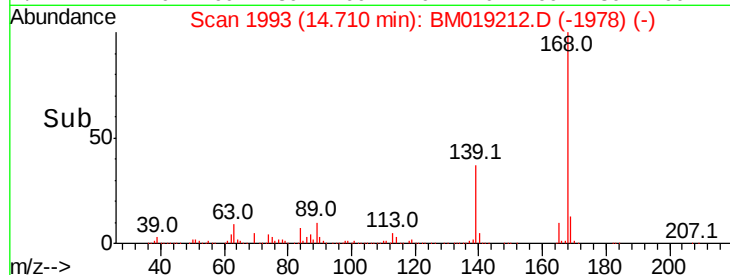
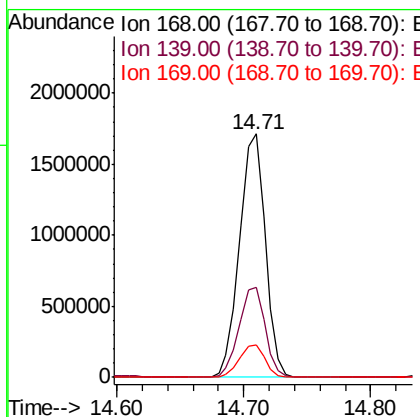
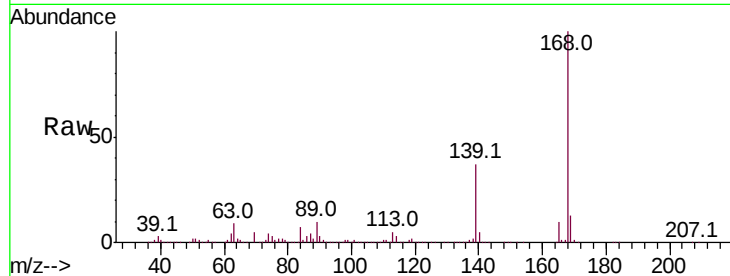
#55
Dibenzofuran
Concen: 46.732 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 2421204
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.2 10.6 16.0

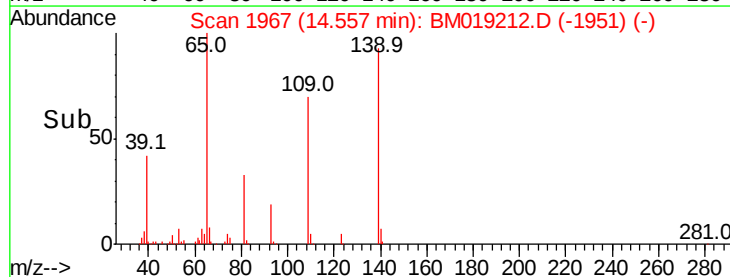
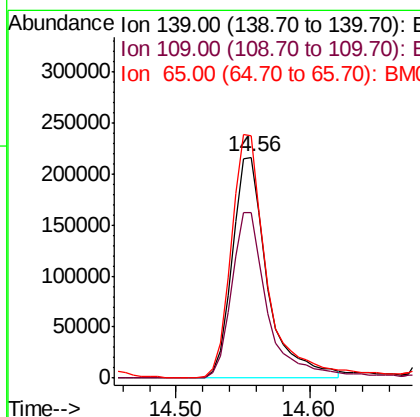
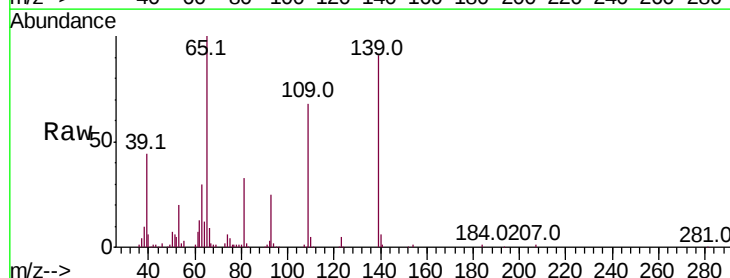
Manual Integrations
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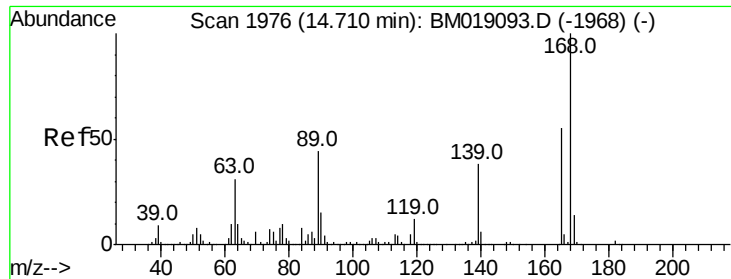
Sohil
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#56
4-Nitrophenol
Concen: 49.013 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion:139 Resp: 397578
Ion Ratio Lower Upper
139 100
109 74.9 56.3 96.3
65 109.7 89.2 129.2





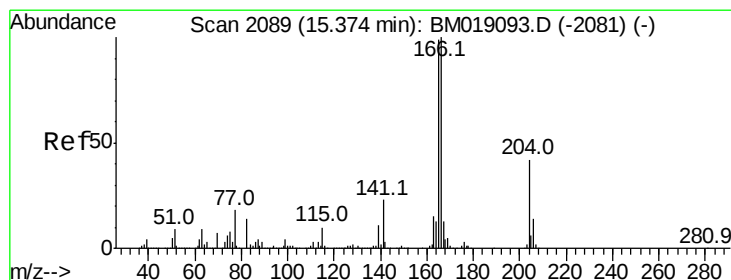
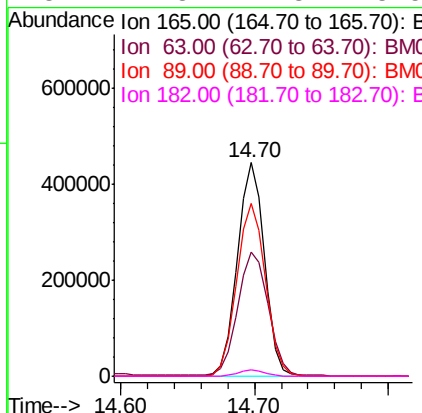
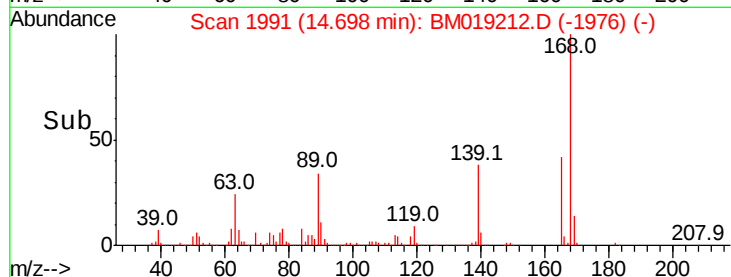
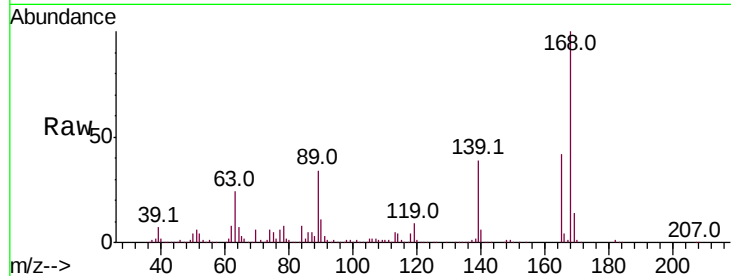
#57
2,4-Dinitrotoluene
Concen: 46.026 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.9	44.7	67.1
89	81.0	63.4	95.2
182	2.8	2.3	3.5

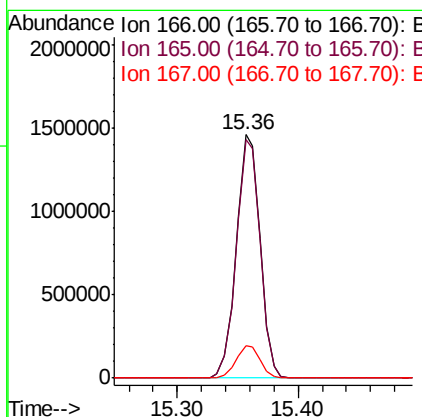
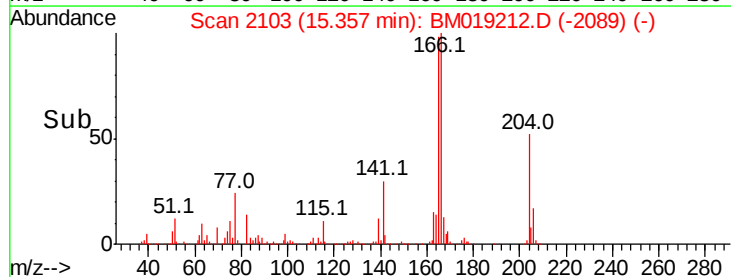
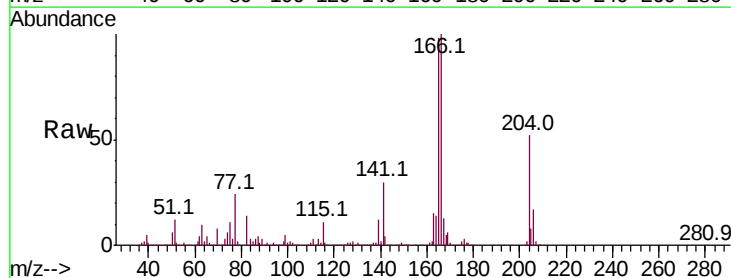
Manual Integrations
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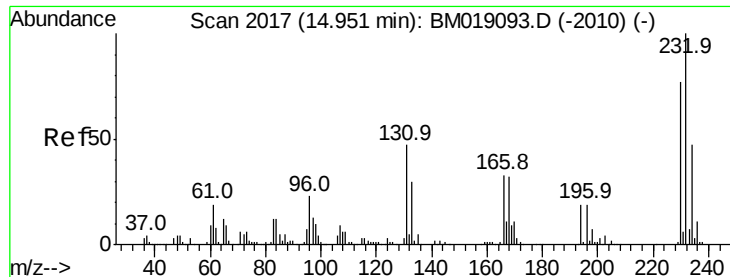
Sohil
3/19/2019 5:27:54 PM



#58
Fluorene
Concen: 46.951 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.5	10.8	16.2





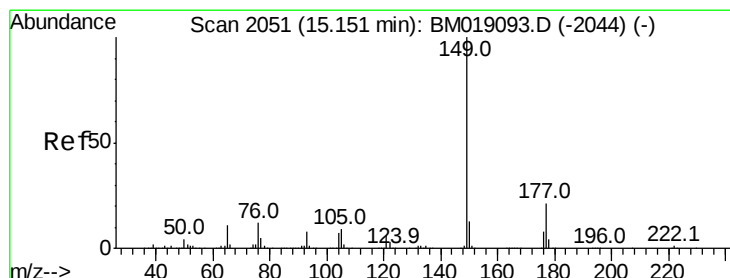
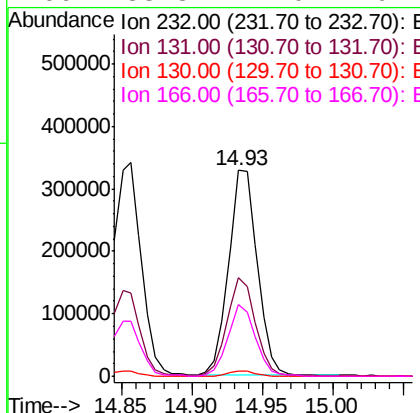
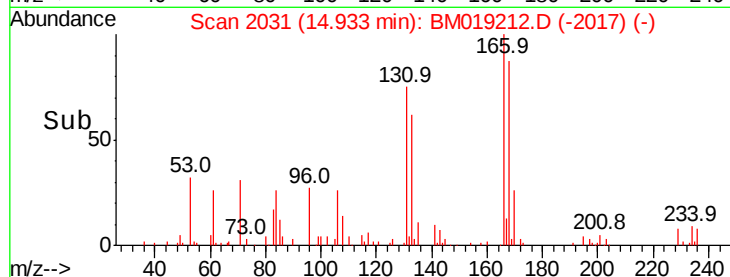
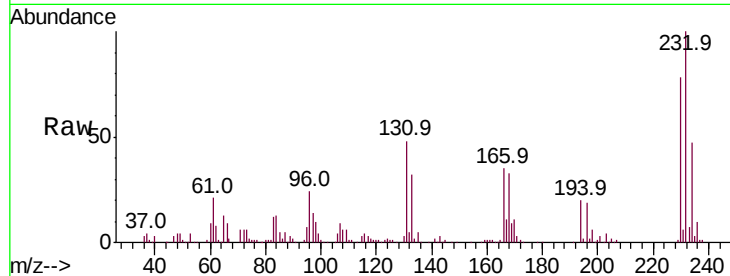
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.434 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	469013
Ion Ratio	Lower	Upper	
232	100		
131	46.8	38.2	57.2
130	2.5	1.9	2.9
166	33.3	27.0	40.4

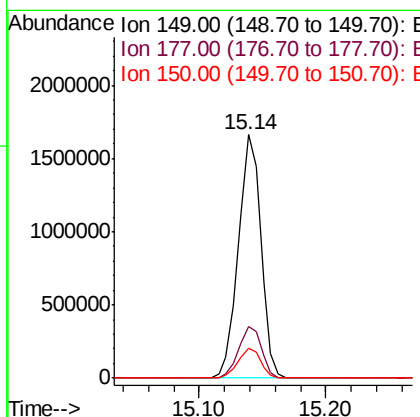
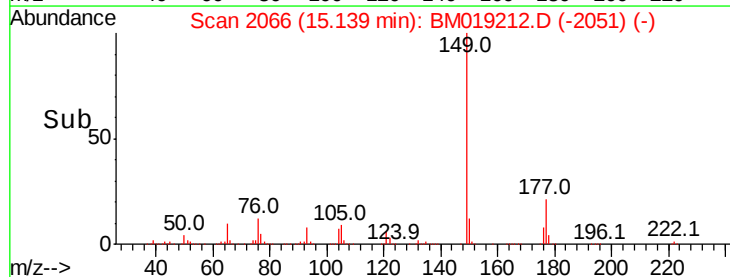
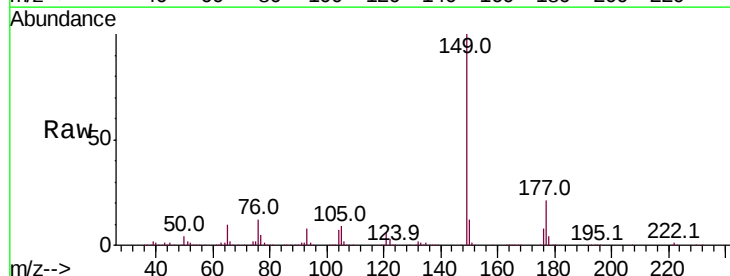
Manual Integrations
 APPROVED

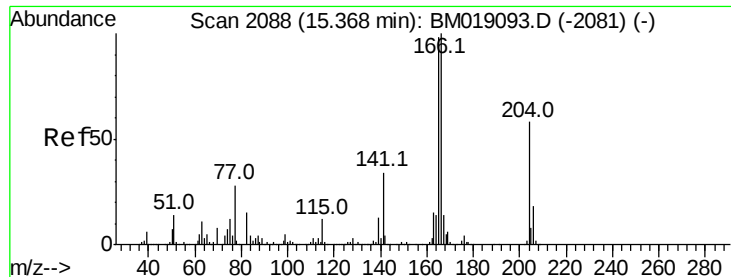
Sohil
 3/19/2019 5:27:54 PM



#60
 Diethylphthalate
 Concen: 46.209 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Tgt Ion:	149	Resp:	2030810
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.0	25.6
150	12.5	10.2	15.4





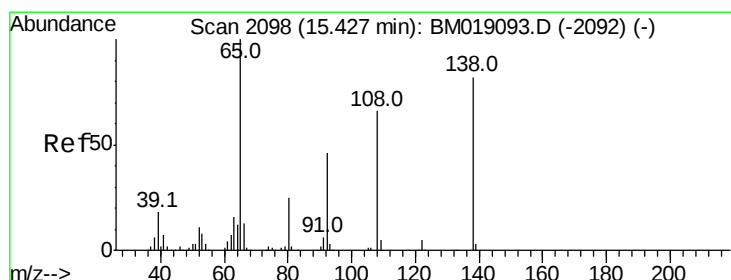
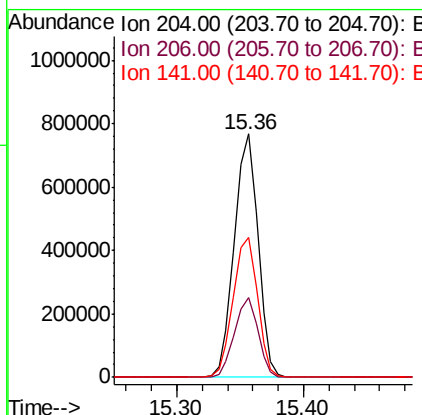
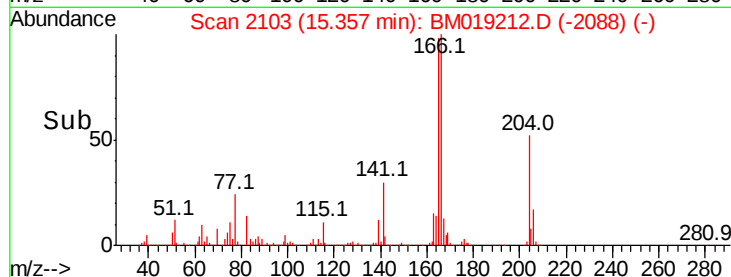
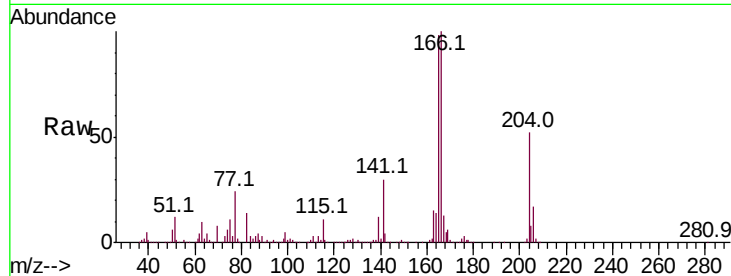
#61
4-Chlorophenyl-phenylether
Concen: 47.825 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.5	38.3
141	57.6	47.8	71.8

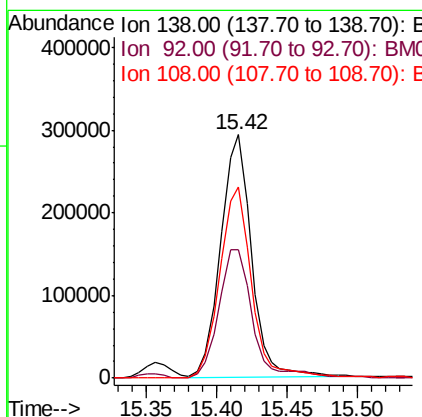
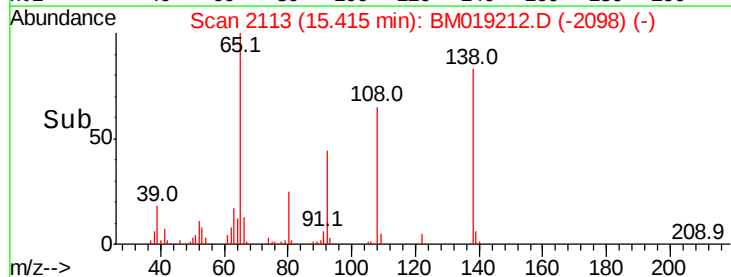
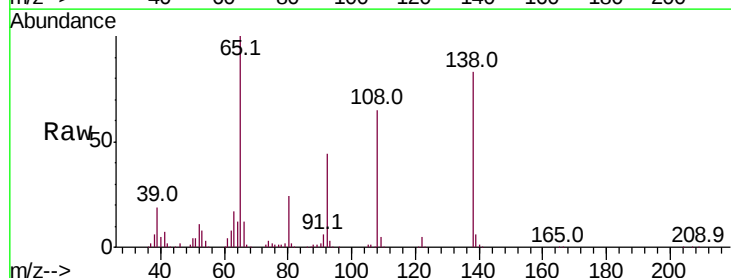
Manual Integrations
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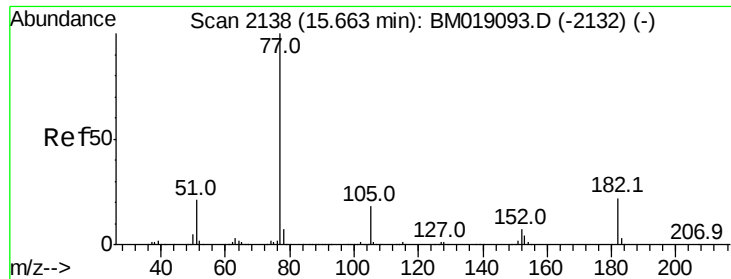
Sohil
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#62
4-Nitroaniline
Concen: 44.467 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	36.2	76.2
108	78.6	59.7	99.7





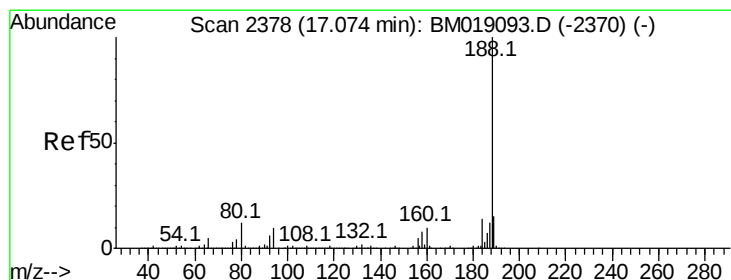
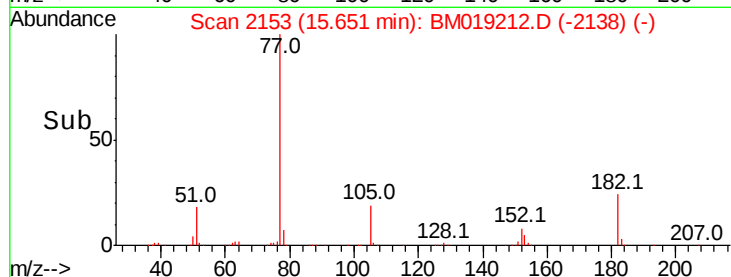
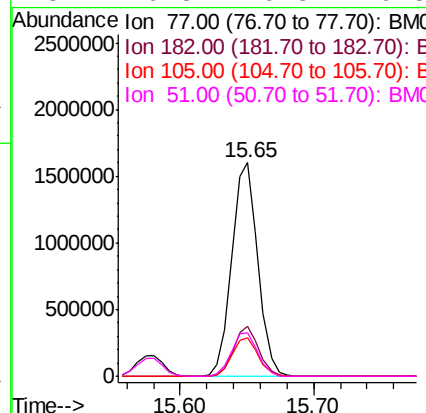
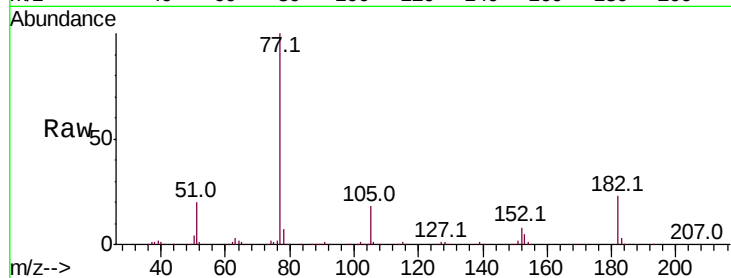
#63
Azobenzene
Concen: 47.233 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	1.8	41.8
105	18.2	0.0	38.3
51	20.3	0.8	40.8

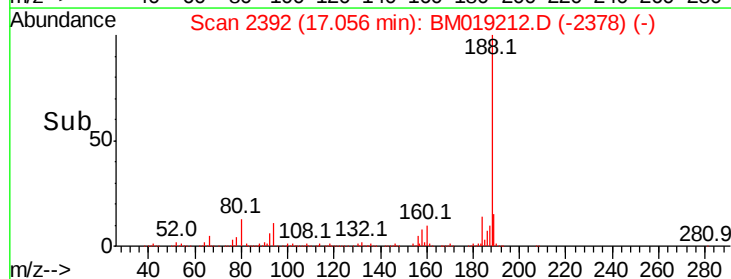
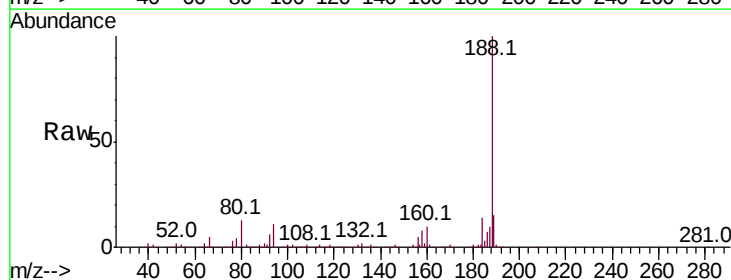
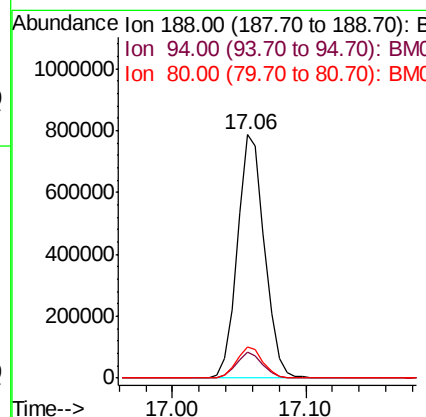
Manual Integrations
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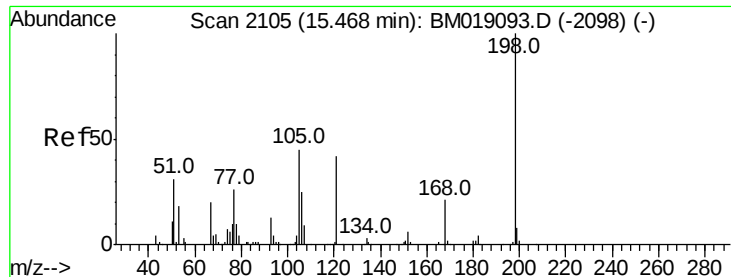
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.6	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 38.342 ng

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 278138

Ion Ratio Lower Upper

198 100

51 37.7 17.3 57.3

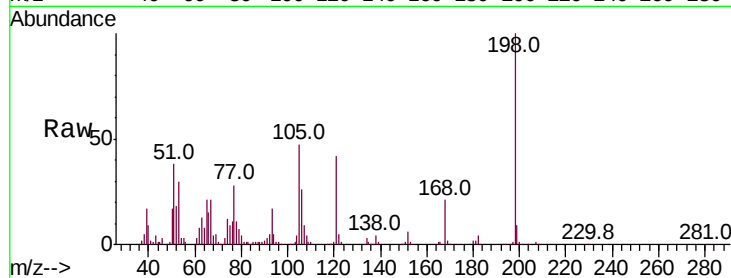
105 46.5 26.2 66.2

Manual Integrations

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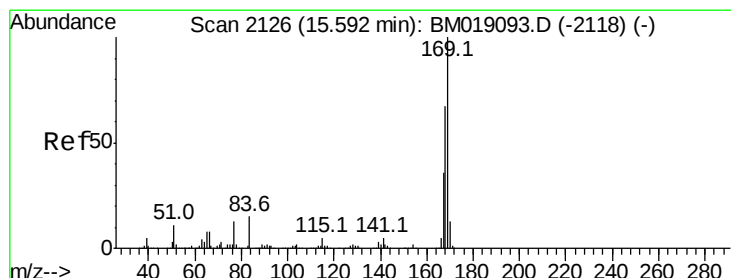
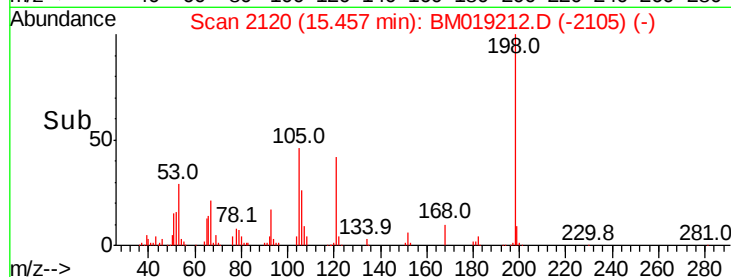
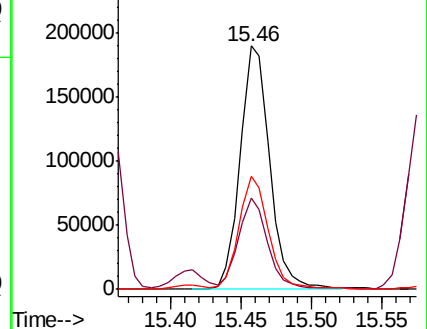
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.295 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

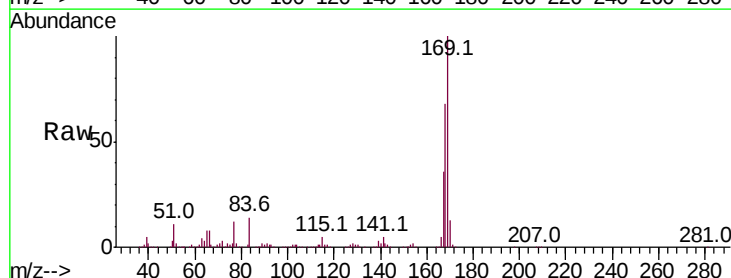
Tgt Ion:169 Resp: 1702095

Ion Ratio Lower Upper

169 100

168 67.7 53.9 80.9

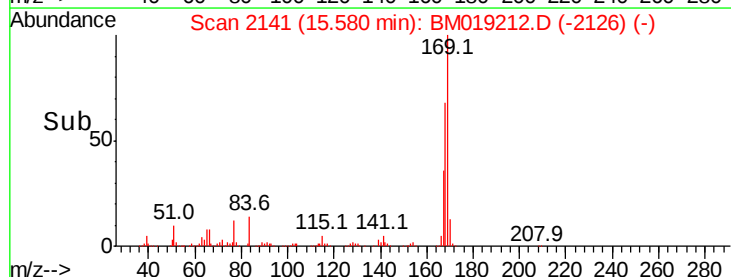
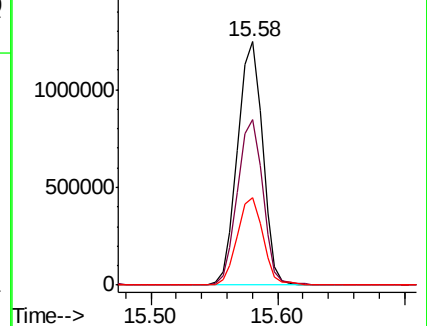
167 36.1 28.8 43.2

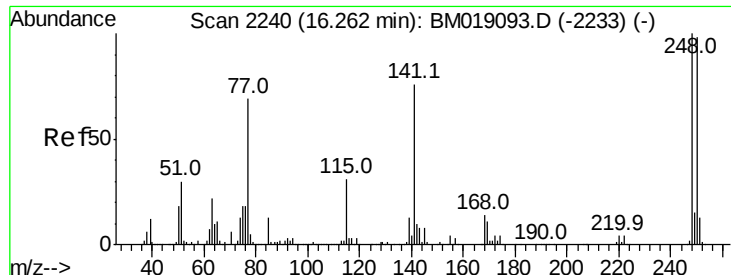


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





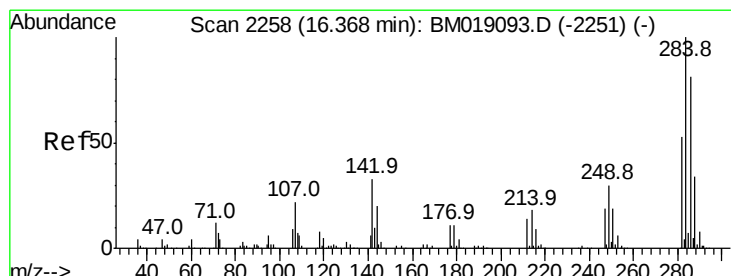
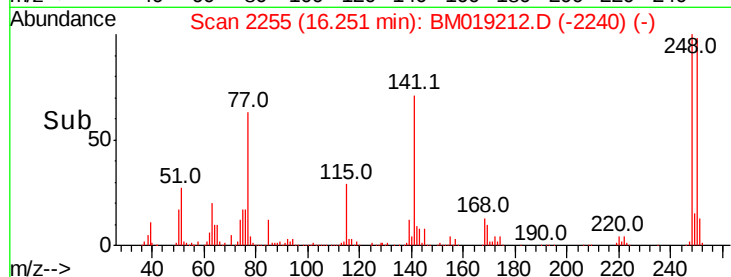
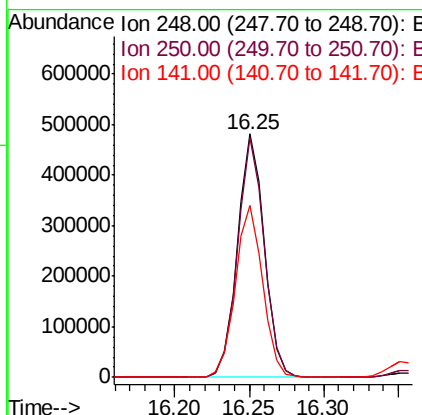
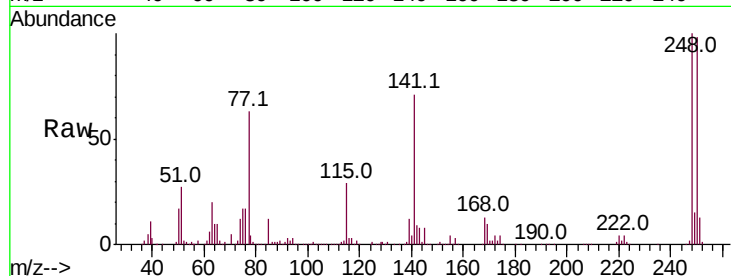
#67
 4-Bromophenyl-phenylether
 Concen: 49.291 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	70.6	61.0	91.4

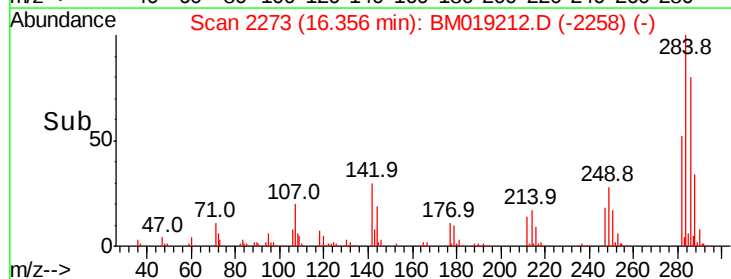
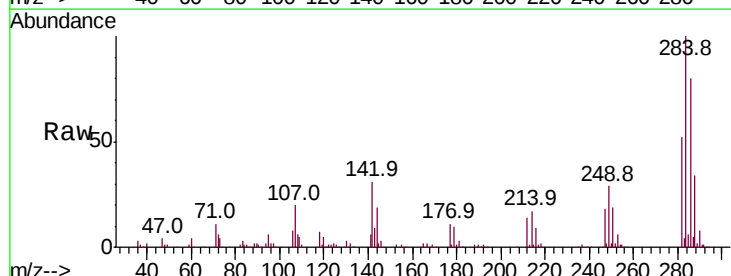
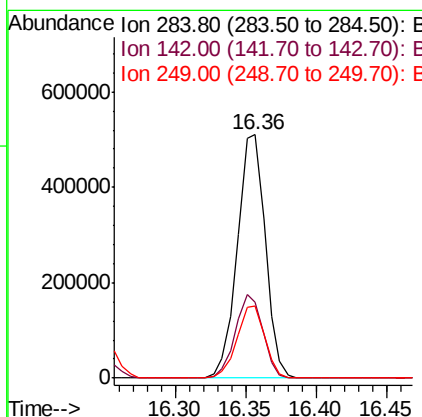
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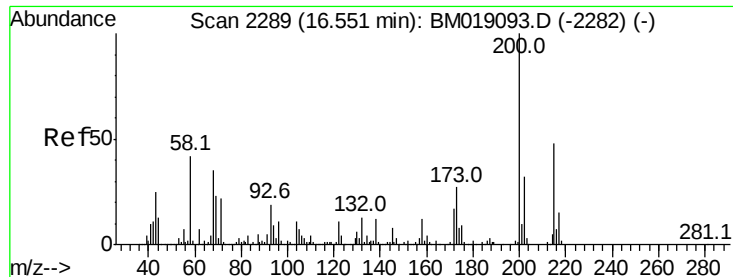
Sohil
 3/19/2019 5:27:54 PM



#68
 Hexachlorobenzene
 Concen: 48.641 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.3	39.5
249	29.4	24.1	36.1





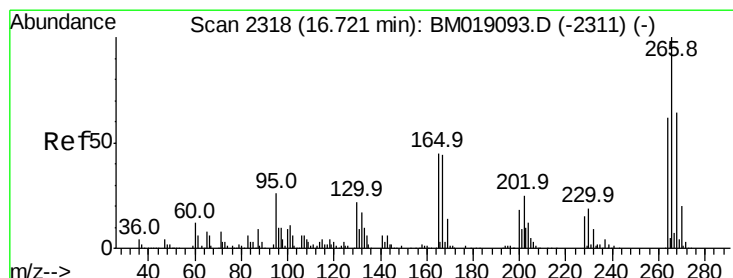
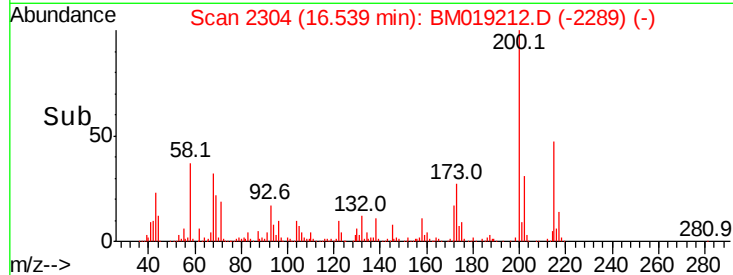
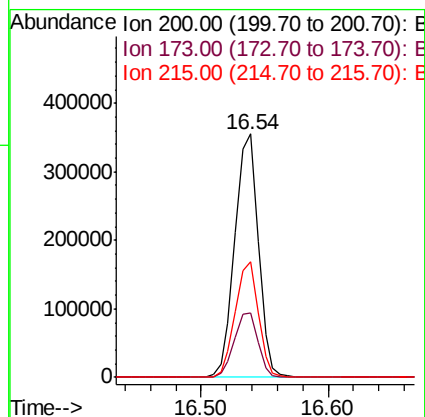
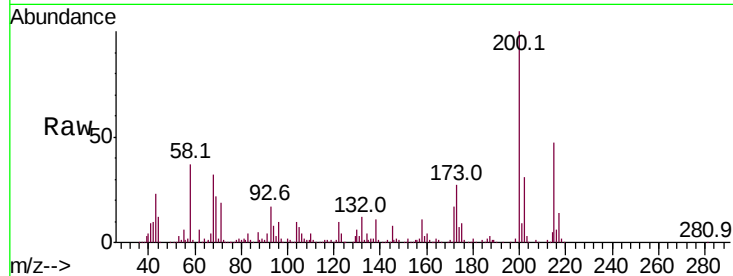
#69
Atrazine
Concen: 38.351 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.0	47.0
215	47.4	27.7	67.7

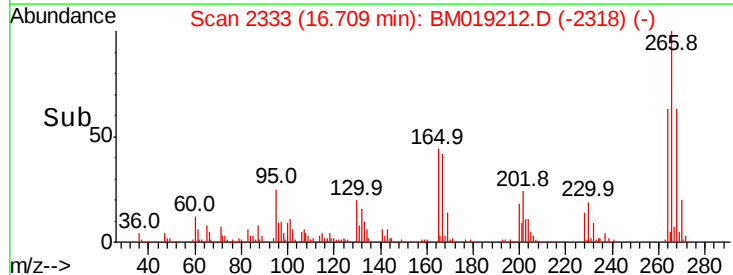
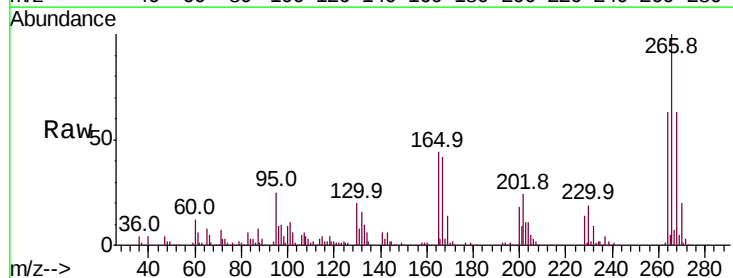
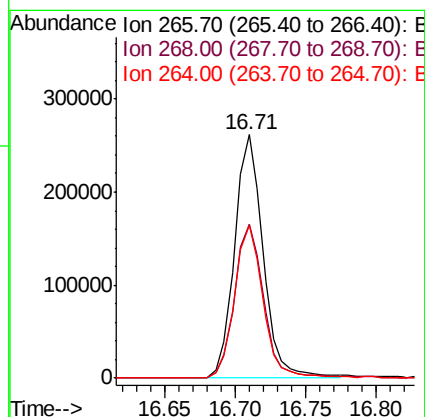
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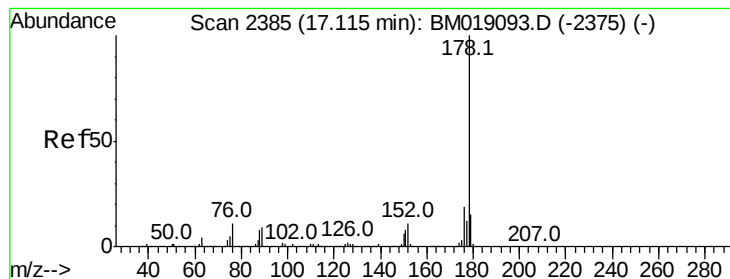
Sohil
3/19/2019 5:27:54 PM



#70
Pentachlorophenol
Concen: 42.235 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.3	76.9
264	62.8	50.0	75.0





#71

Phenanthrene

Concen: 46.458 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3014461

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

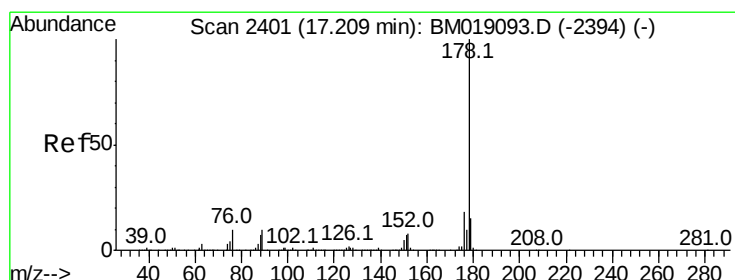
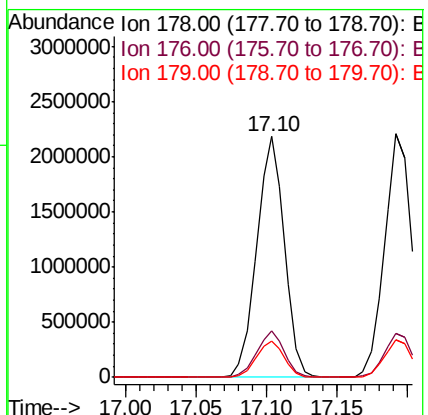
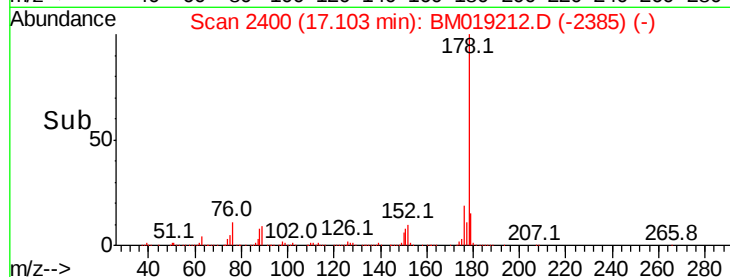
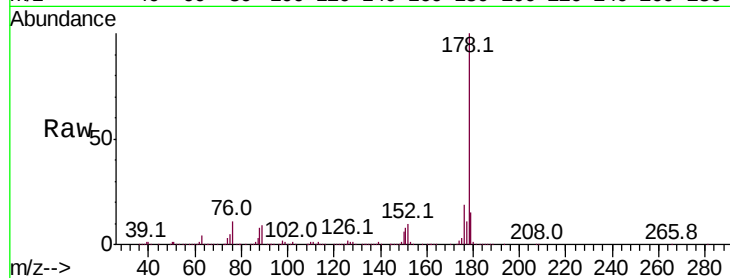
179 15.3 12.2 18.2

Manual Integrations

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Sohil

3/19/2019 5:27:54 PM



#72

Anthracene

Concen: 47.045 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.02 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

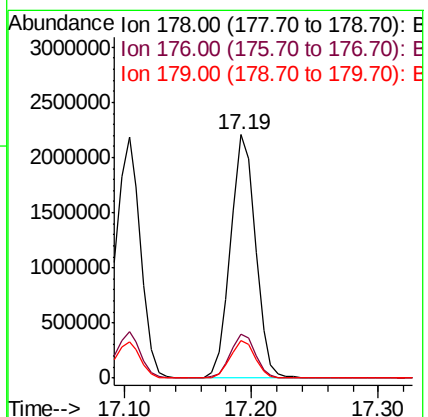
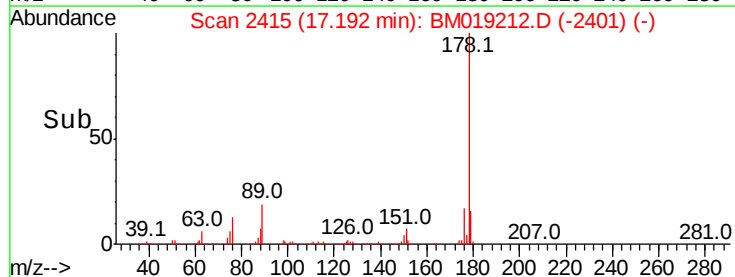
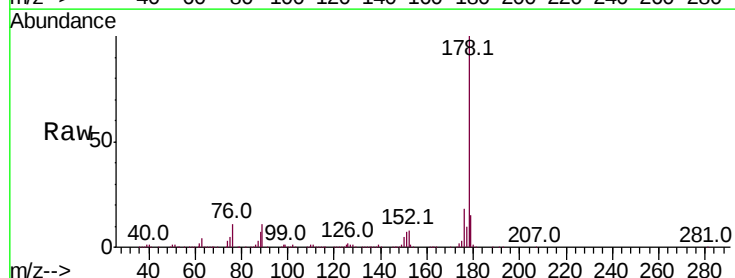
Tgt Ion:178 Resp: 2988339

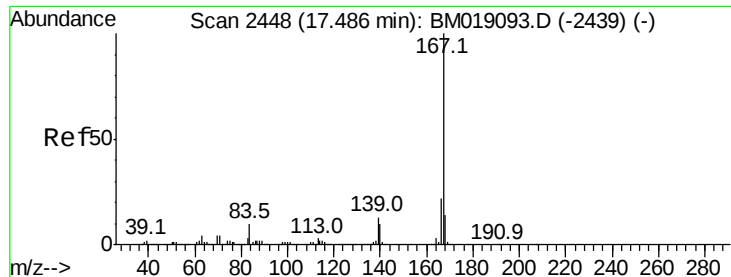
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.3 11.9 17.9





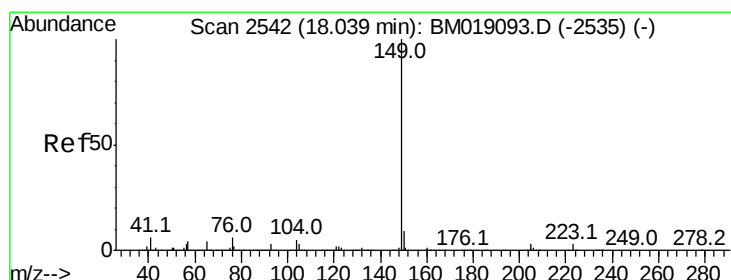
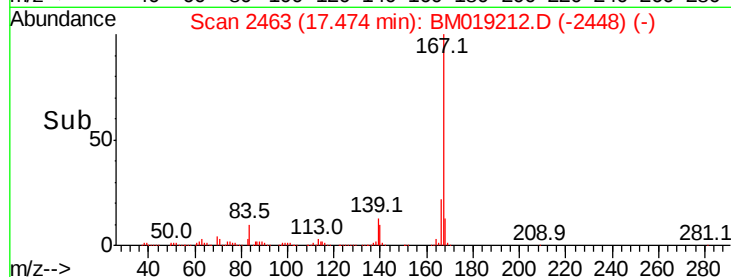
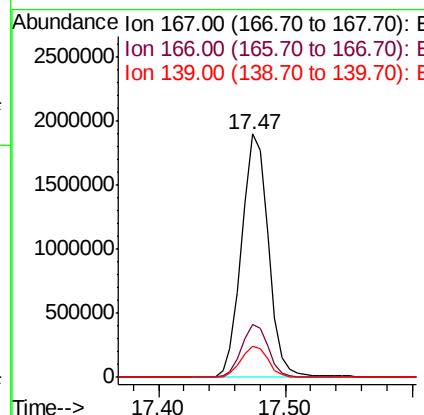
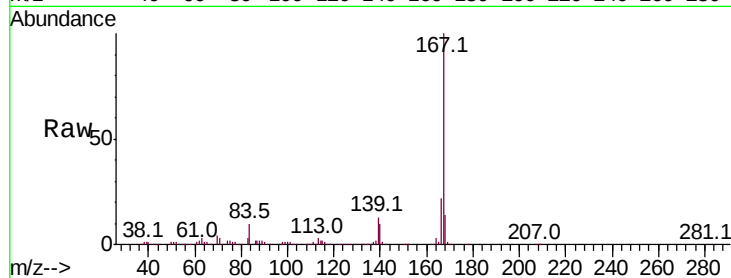
#73
 Carbazole
 Concen: 46.422 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	12.9	10.5	15.7

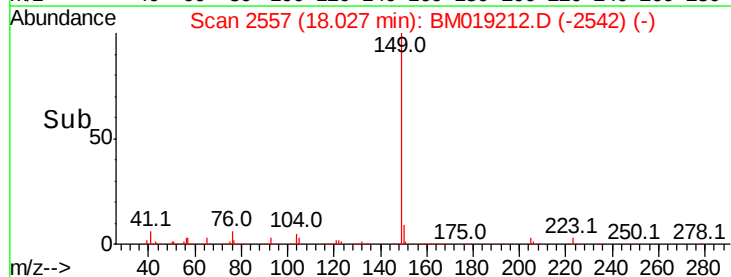
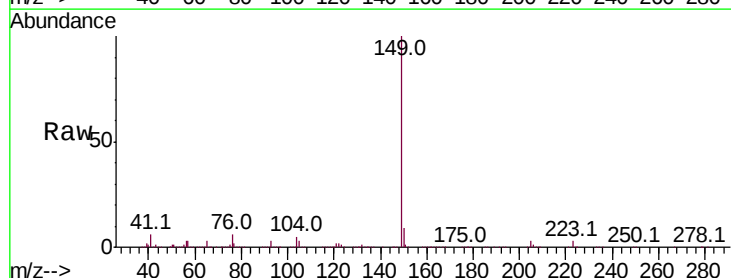
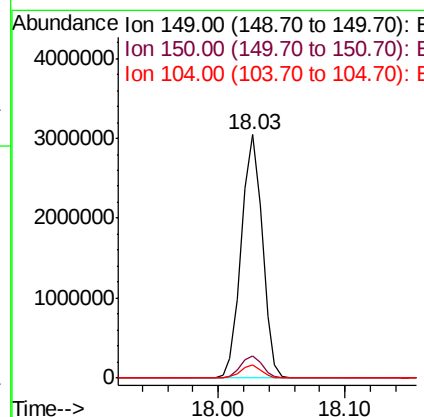
Manual Integrations
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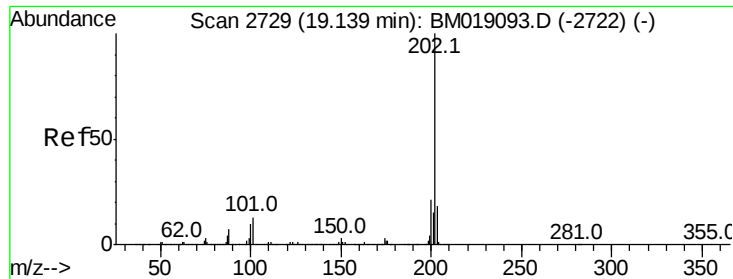
Sohil
 3/19/2019 5:27:54 PM



#74
 Di-n-butylphthalate
 Concen: 47.874 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.2	6.4





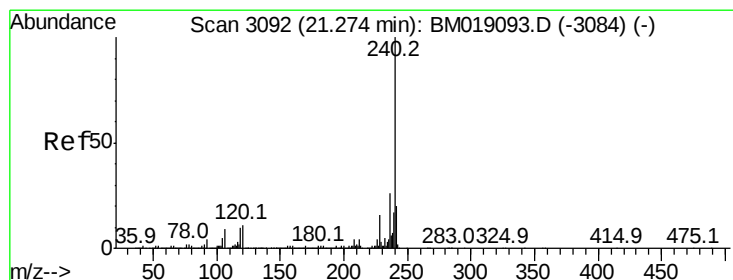
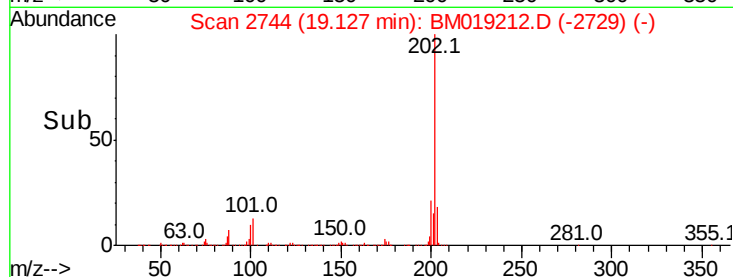
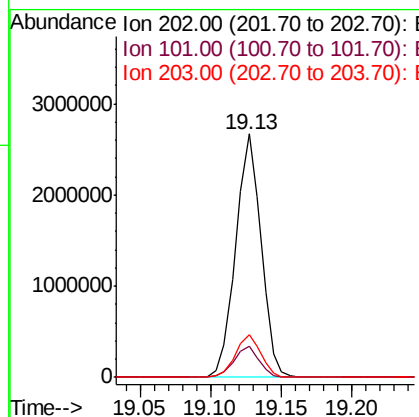
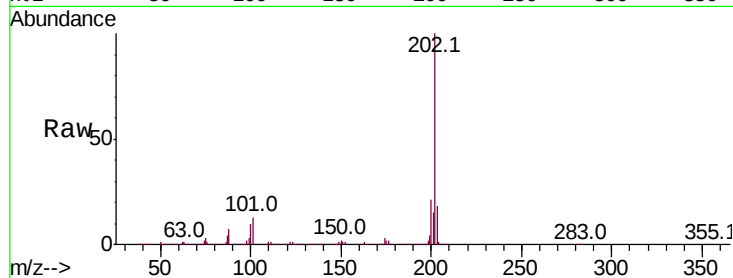
#75
 Fluoranthene
 Concen: 45.037 ng
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 3353236
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 33.0
 203 17.6 0.0 37.8

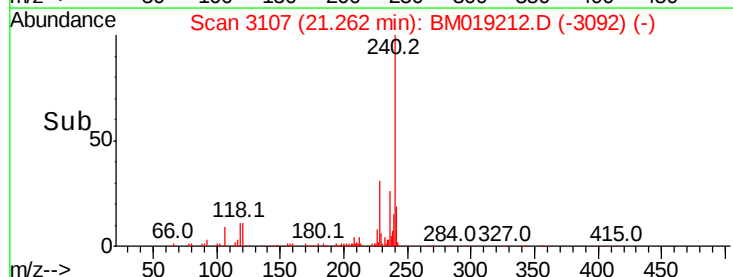
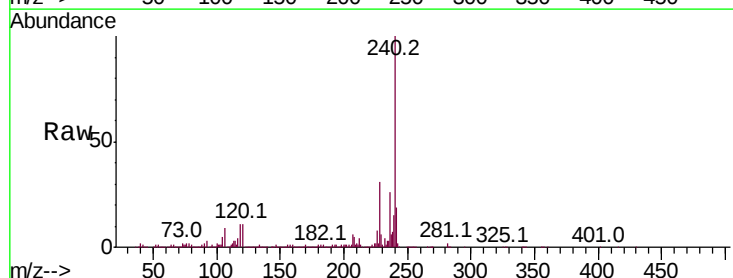
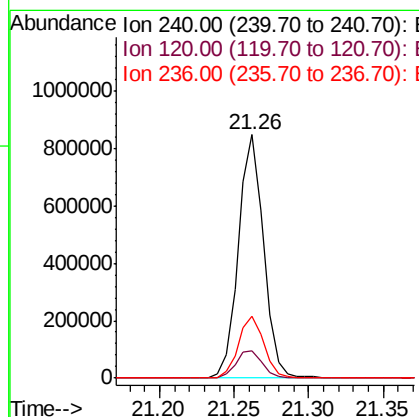
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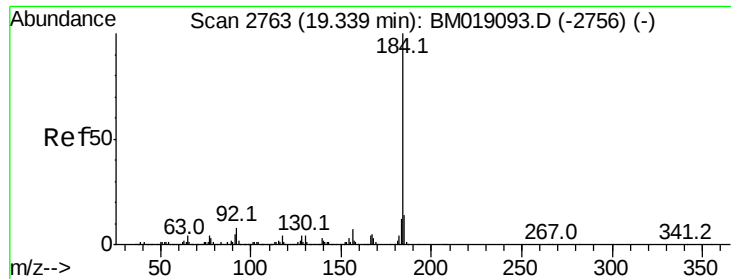
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Tgt Ion:240 Resp: 1003543
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.9 13.3
 236 25.5 21.0 31.4





#77

Benzidine

Concen: 51.175 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1456482

Ion Ratio Lower Upper

184 100

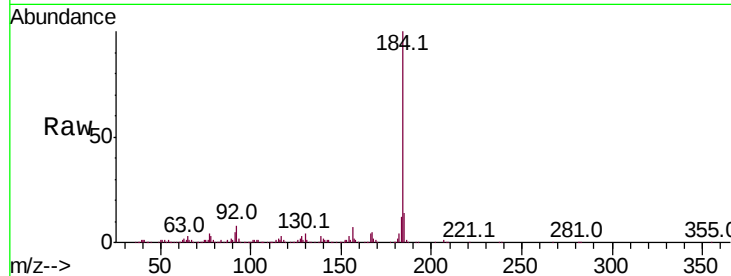
185 14.0 11.0 16.4

183 12.2 9.8 14.6

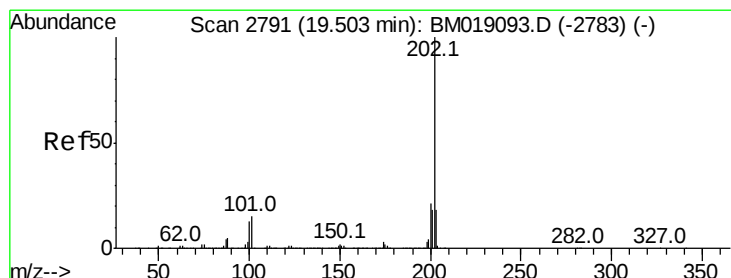
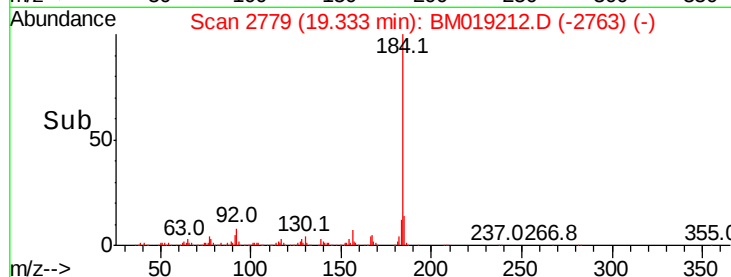
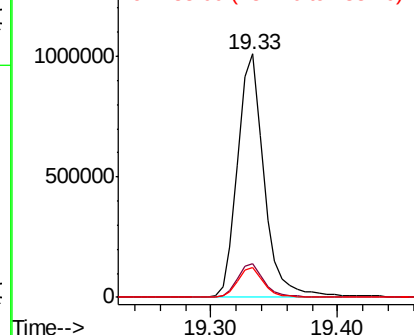
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.650 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

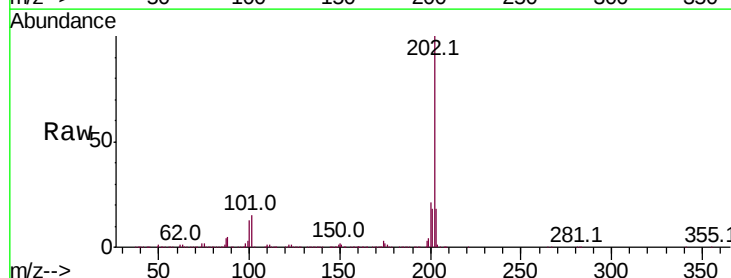
Tgt Ion:202 Resp: 3406492

Ion Ratio Lower Upper

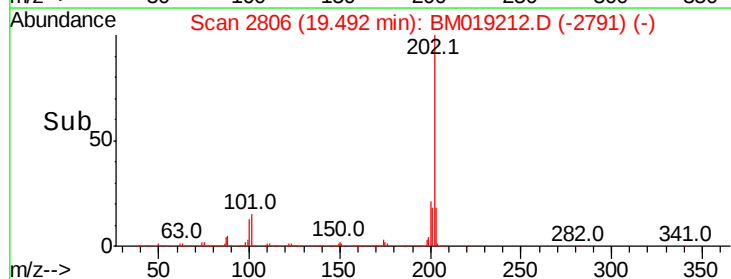
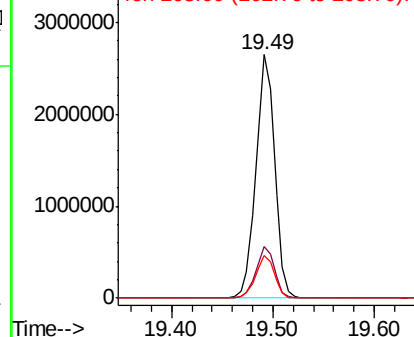
202 100

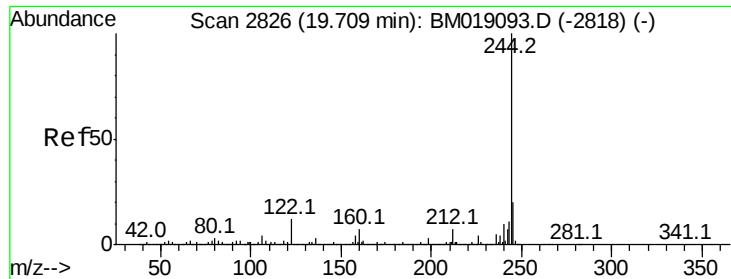
200 21.0 16.9 25.3

203 17.6 14.0 21.0



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





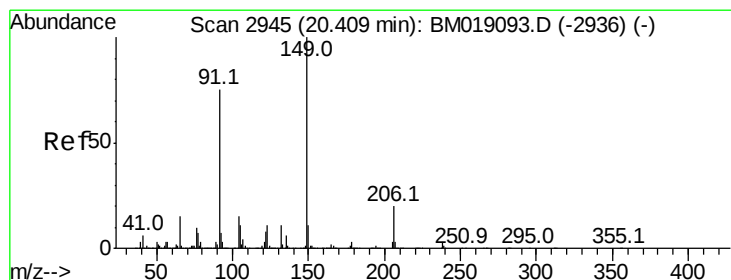
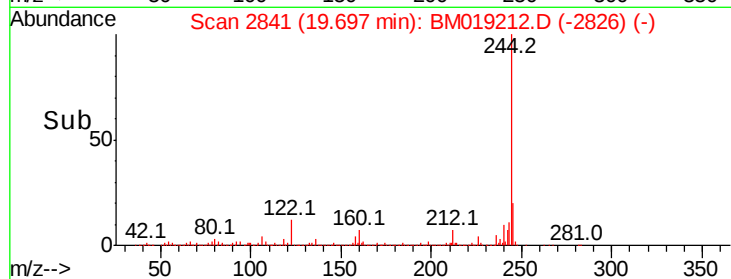
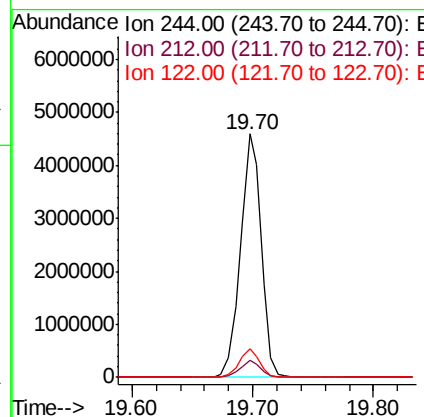
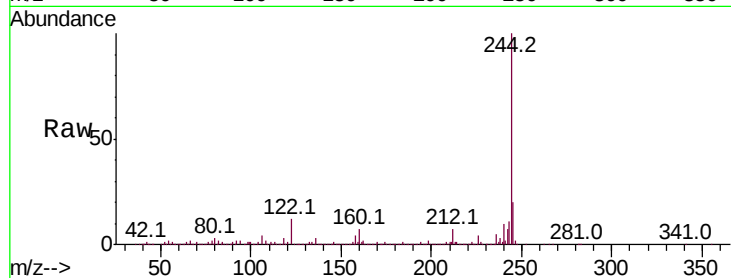
#79
 Terphenyl-d14
 Concen: 109.027 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 5511410
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.7 9.4 14.2

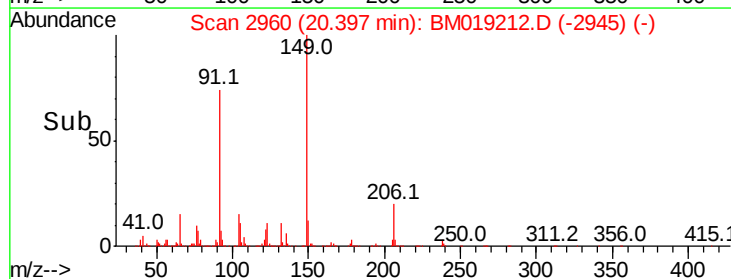
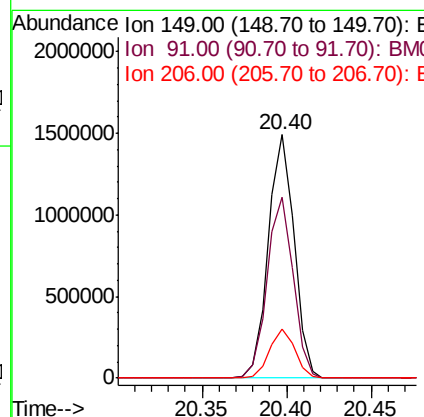
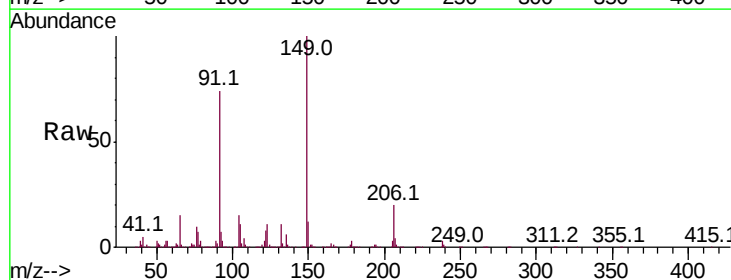
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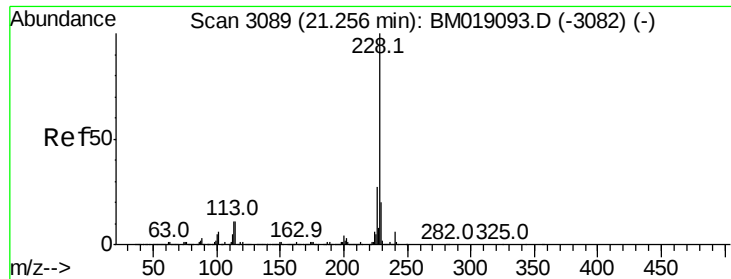
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#80
 Butylbenzylphthalate
 Concen: 57.095 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM019212.D
 Acq: 18 Mar 2019 13:02

Tgt Ion:149 Resp: 1578995
 Ion Ratio Lower Upper
 149 100
 91 74.3 60.1 90.1
 206 20.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.003 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2959248

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

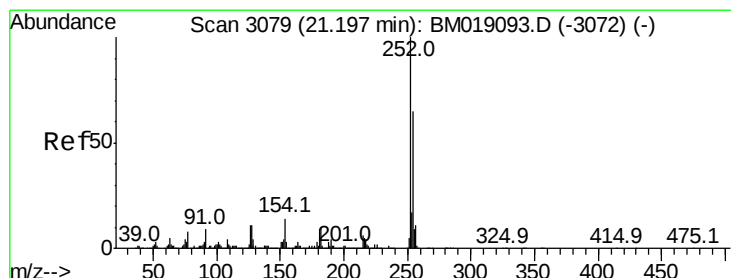
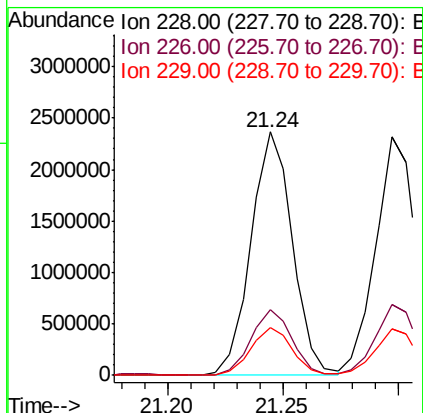
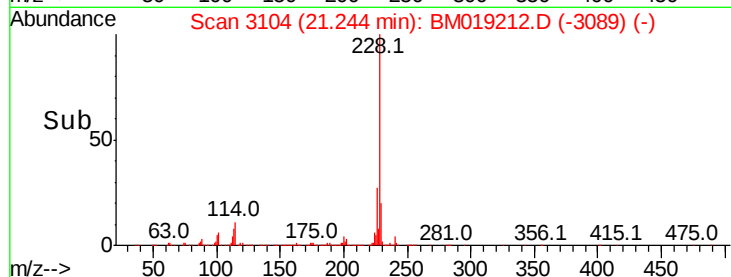
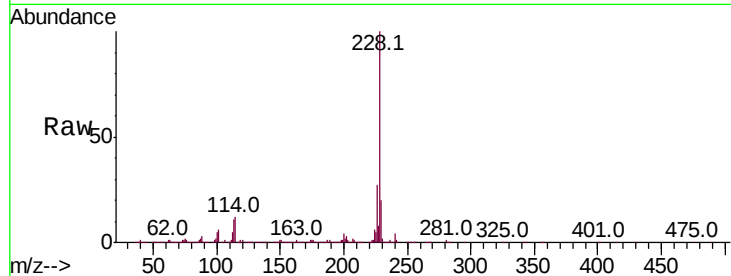
229 19.6 15.8 23.6

Manual Integrations

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#82

3,3'-Dichlorobenzidine

Concen: 44.601 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

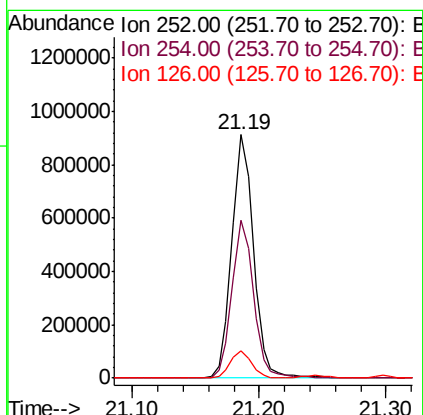
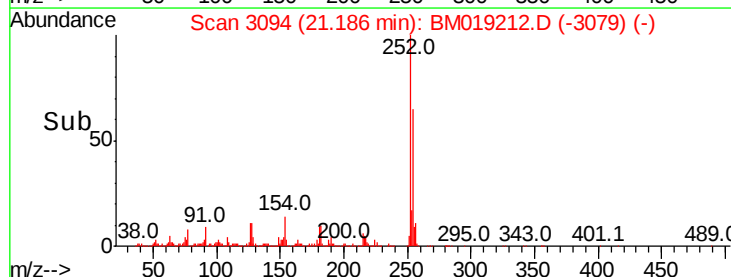
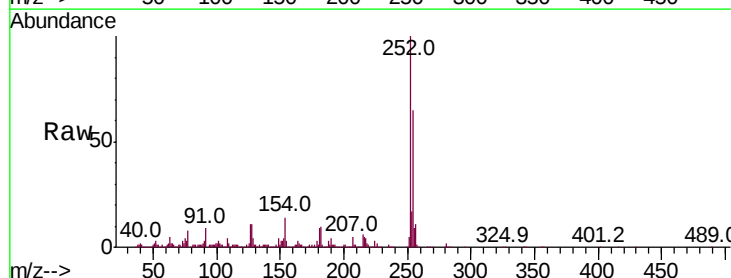
Tgt Ion:252 Resp: 1081749

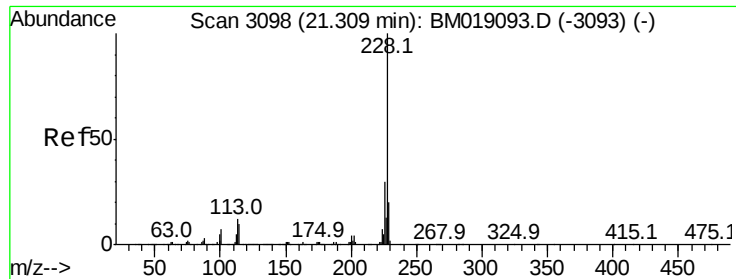
Ion Ratio Lower Upper

252 100

254 64.7 52.4 78.6

126 11.2 9.0 13.6





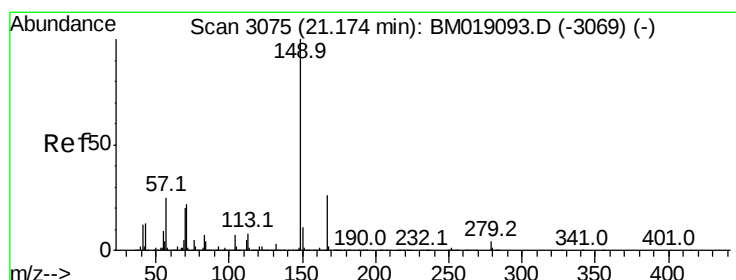
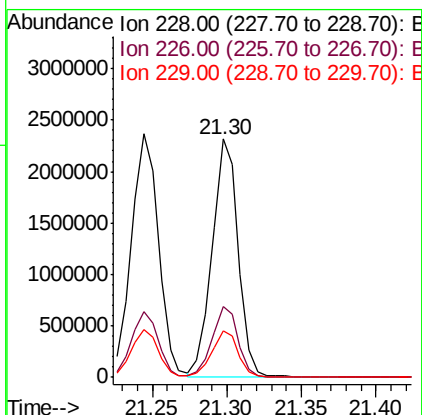
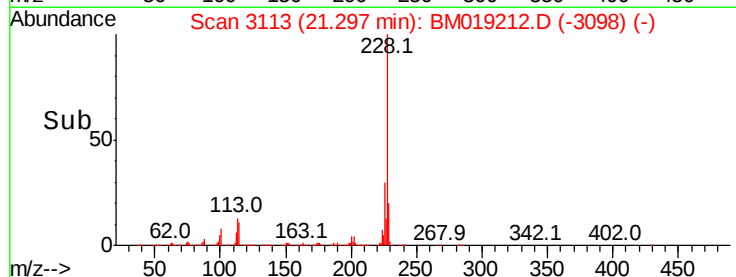
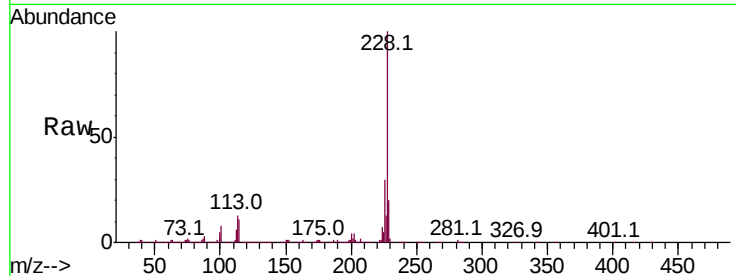
#83
Chrysene
Concen: 46.369 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2824294
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.6 15.7 23.5

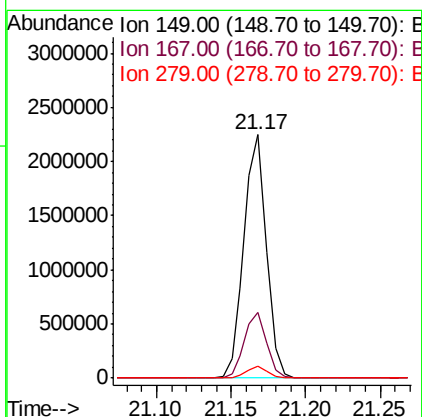
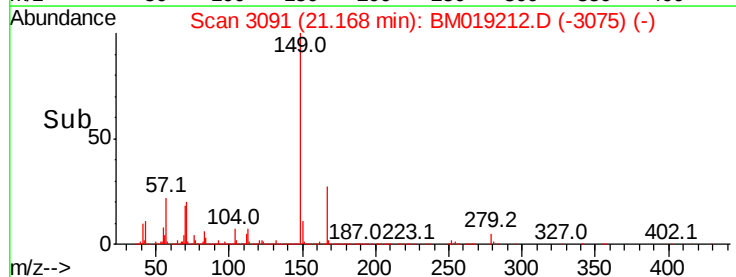
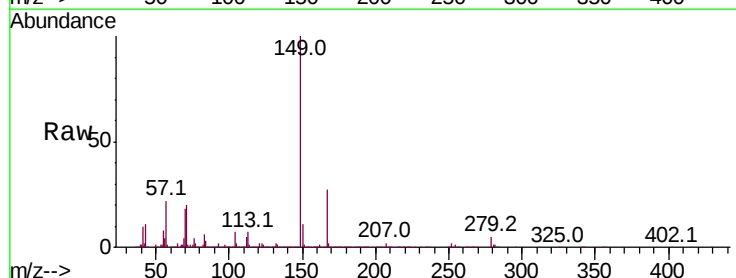
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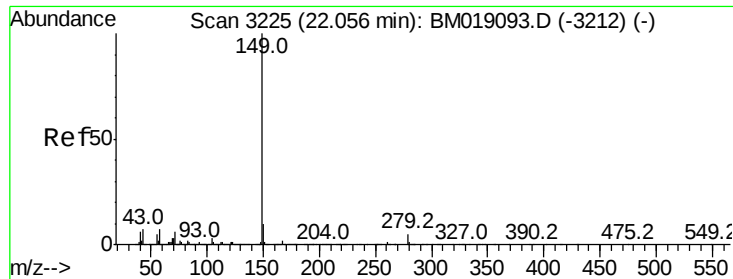
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#84
Bis(2-ethylhexyl)phthalate
Concen: 58.323 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion:149 Resp: 2346607
Ion Ratio Lower Upper
149 100
167 27.1 21.1 31.7
279 4.8 3.2 4.8#





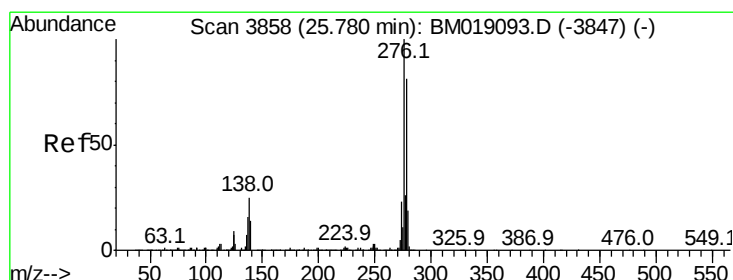
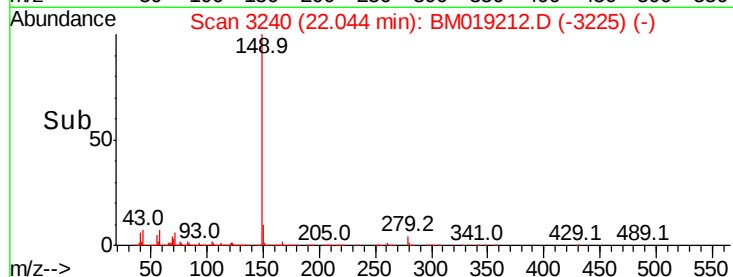
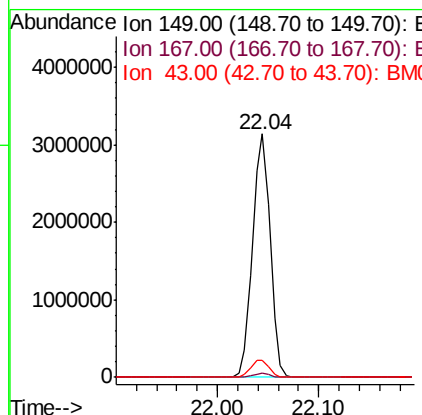
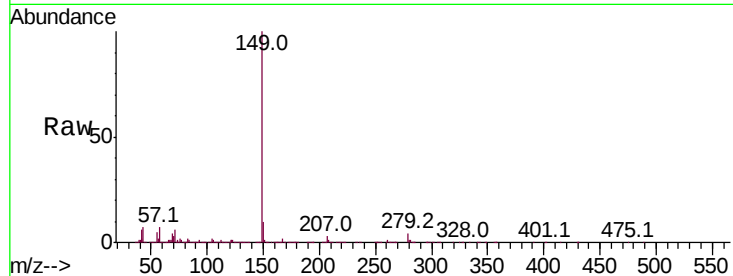
#85
Di-n-octyl phthalate
Concen: 55.974 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1

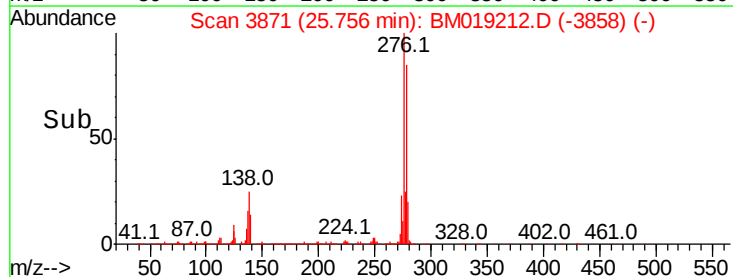
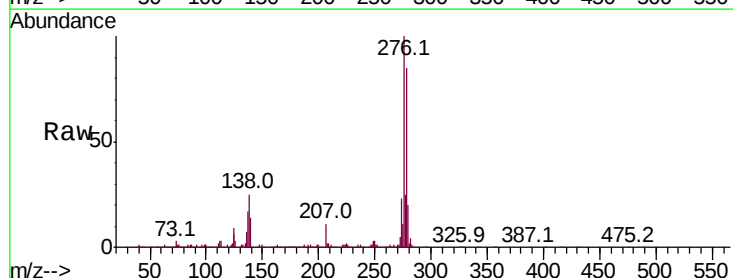
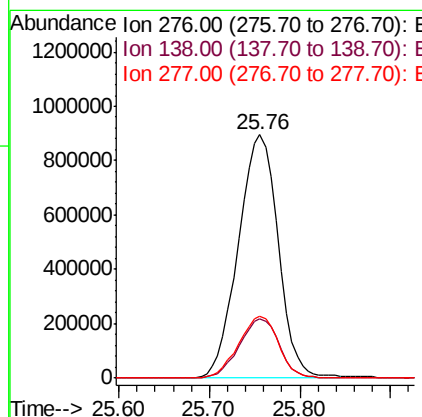
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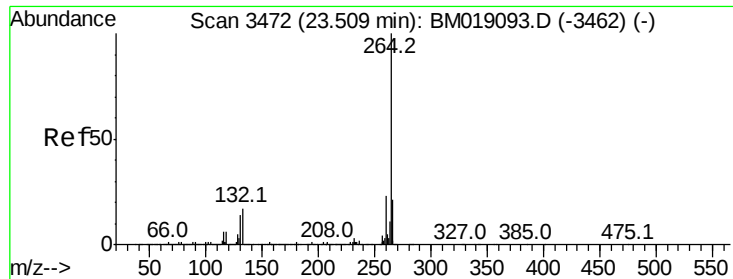
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.709 ng
RT: 25.76 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	25.3	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Instrument :

BNA_M

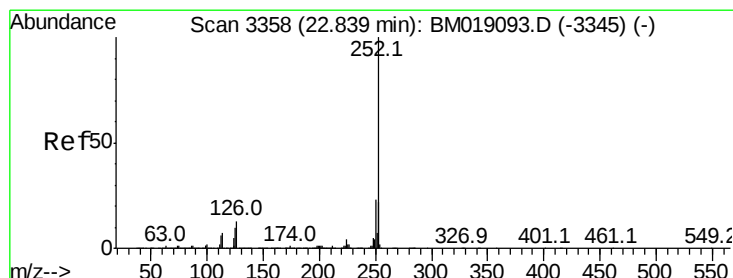
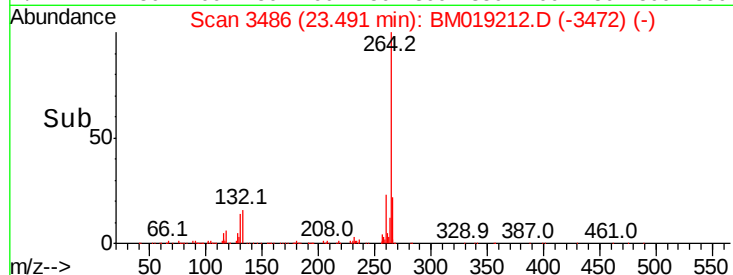
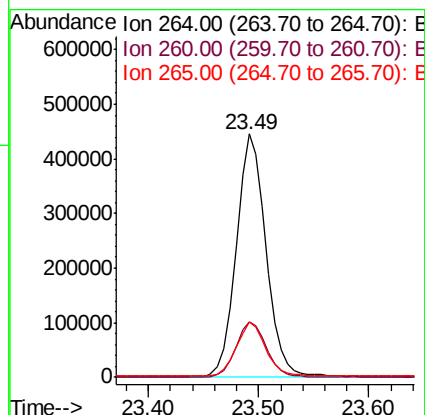
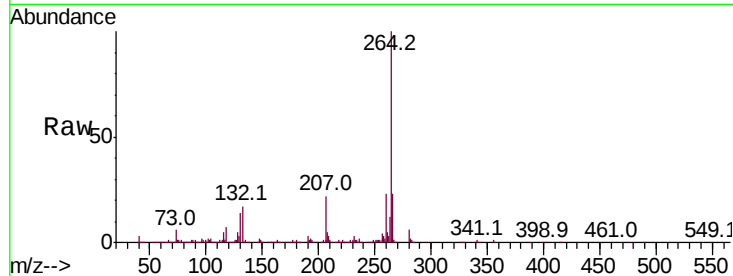
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	843334
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.6	28.0
265	22.6	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 47.739 ng

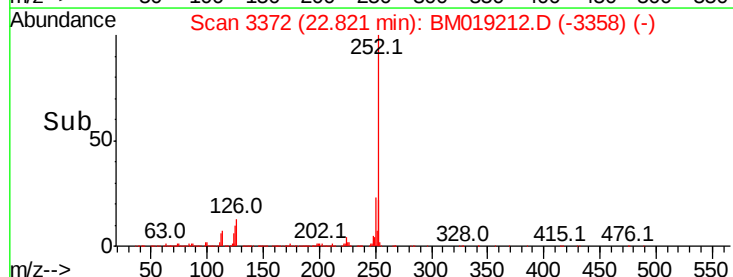
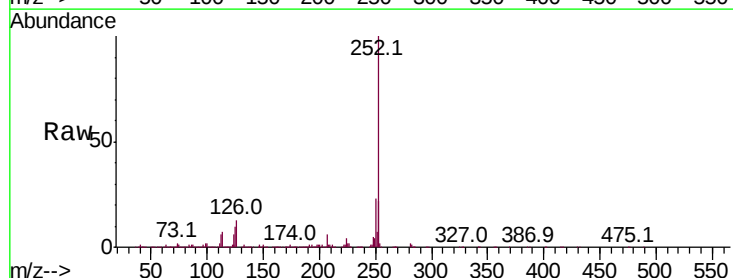
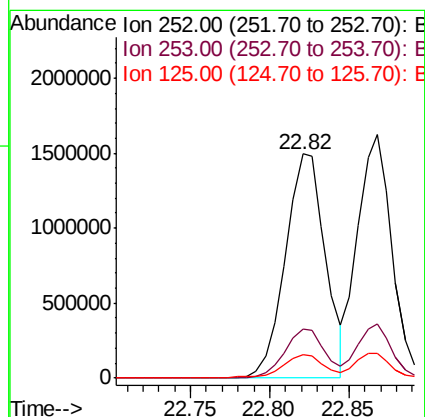
RT: 22.82 min Scan# 3372

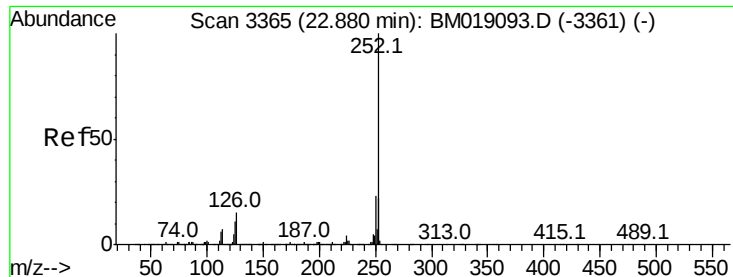
Delta R.T. -0.02 min

Lab File: BM019212.D

Acq: 18 Mar 2019 13:02

Tgt Ion:	252	Resp:	2608729
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.3	8.1	12.1





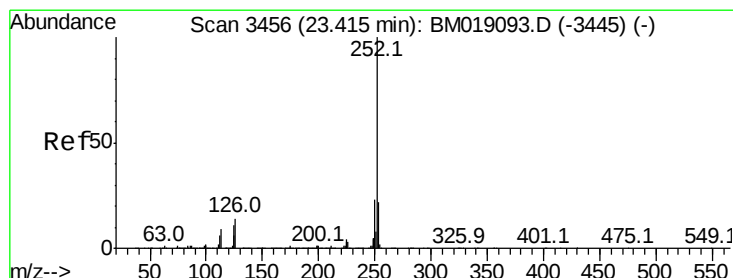
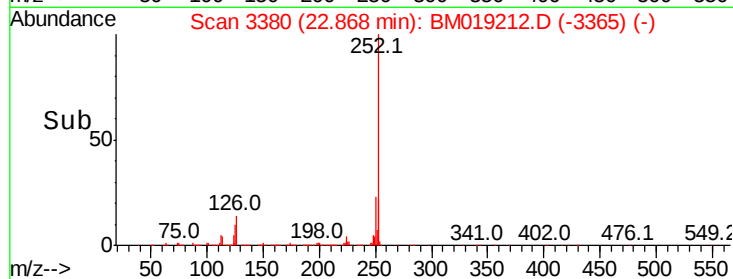
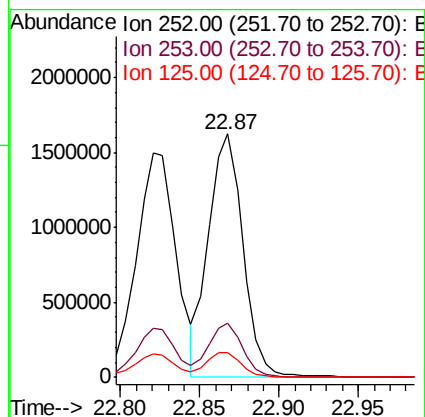
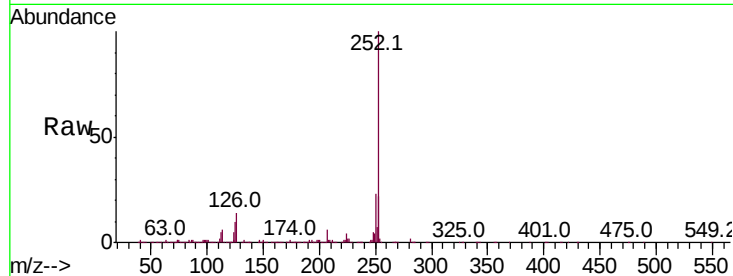
#89
Benzo(k)fluoranthene
Concen: 48.577 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.2	8.8	13.2

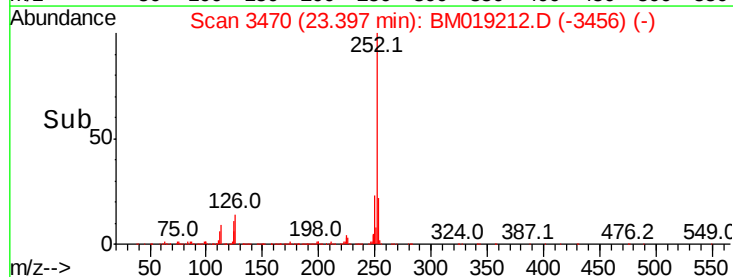
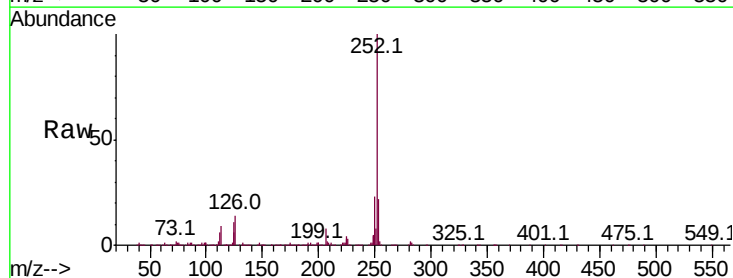
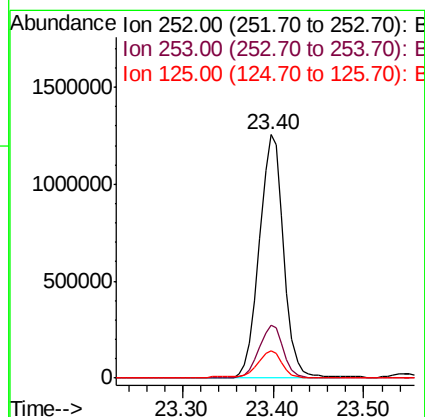
Manual Integrations
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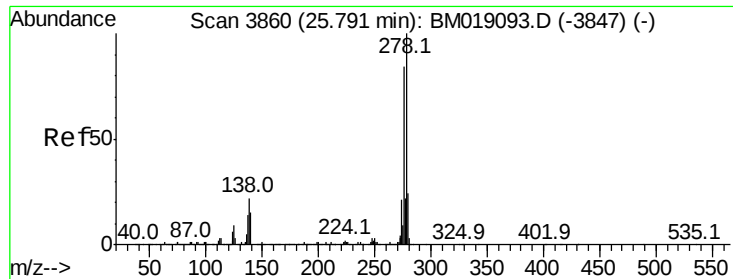
Sohil
3/19/2019 5:27:54 PM



#90
Benzo(a)pyrene
Concen: 47.370 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.4	9.2	13.8





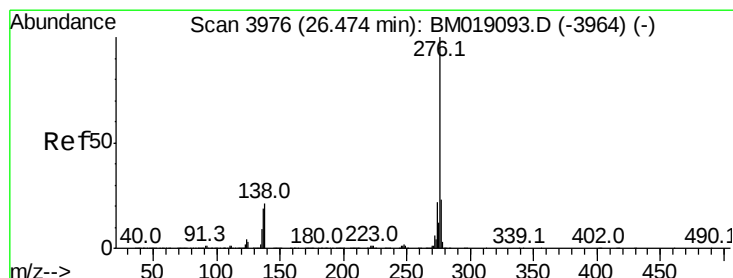
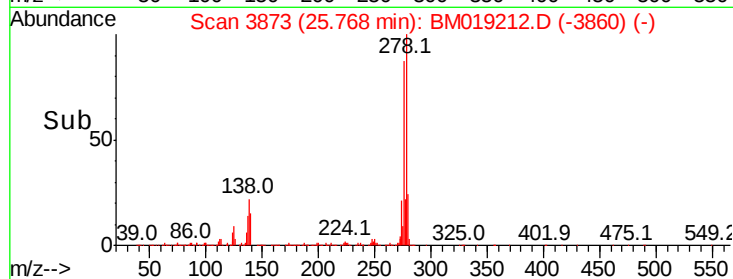
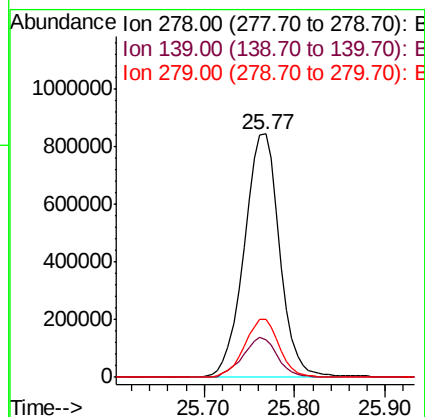
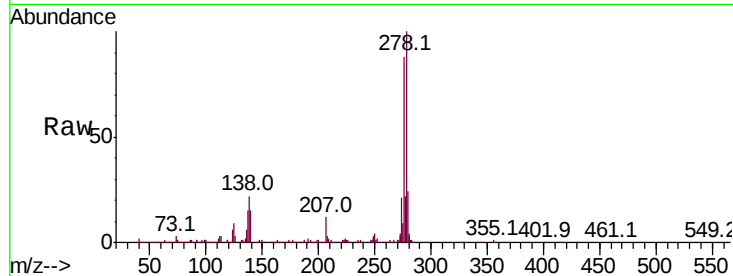
#91
Dibenzo(a,h)anthracene
Concen: 48.678 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot	Ion:278	Resp:	2286769
Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	23.8	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/19/2019 5:27:54 PM



#92
Benzo(g,h,i)perylene
Concen: 50.292 ng
RT: 26.45 min Scan# 3989
Delta R.T. -0.02 min
Lab File: BM019212.D
Acq: 18 Mar 2019 13:02

Tgt	Ion:276	Resp:	2169056
Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	21.0	17.0	25.4

