

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
 Data File : BM019914.D
 Acq On : 15 Apr 2019 14:16
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
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 4/16/2019 5:25:36 PM

Quant Time: Apr 15 15:13:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	125187	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	596992	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	359430	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	788921	20.00	ng	0.00
76) Chrysene-d12	21.19	240	813436	20.00	ng	0.00
87) Perylene-d12	23.38	264	662526	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1272906	164.67	ng	0.00
7) Phenol-d6	6.73	99	1958357	173.20	ng	0.00
23) Nitrobenzene-d5	8.71	82	2186139	173.10	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	970622	182.90	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	4712452	170.54	ng	0.00
79) Terphenyl-d14	19.62	244	7906223	192.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	263491	76.624	ng	98
3) Pyridine	3.51	79	770426	82.350	ng	100
4) n-Nitrosodimethylamine	3.44	42	255987	88.014	ng	99
6) Aniline	6.89	93	1231805	84.382	ng	99
8) 2-Chlorophenol	7.10	128	787381	84.763	ng	99
9) Benzaldehyde	6.70	77	425197	59.785	ng	99
10) Phenol	6.76	94	1067757	87.625	ng	98
11) bis(2-Chloroethyl)ether	6.99	93	769023	82.705	ng	99
12) 1,3-Dichlorobenzene	7.42	146	807931	82.187	ng	100
13) 1,4-Dichlorobenzene	7.57	146	826335	82.450	ng	99
14) 1,2-Dichlorobenzene	7.87	146	822989	84.402	ng	99
15) Benzyl Alcohol	7.80	79	889224	95.023	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.06	45	696800	73.391	ng	98
17) 2-Methylphenol	7.99	107	691851	87.128	ng	99
18) Hexachloroethane	8.58	117	320902	86.169	ng	96
19) n-Nitroso-di-n-propylamine	8.35	70	828953	89.363	ng	99
20) 3+4-Methylphenols	8.33	107	960535	89.115	ng	99
22) Acetophenone	8.37	105	1332044	80.738	ng	# 99
24) Nitrobenzene	8.75	77	1121960	85.419	ng	100
25) Isophorone	9.27	82	2084445	86.496	ng	99
26) 2-Nitrophenol	9.45	139	492333	90.428	ng	99
27) 2,4-Dimethylphenol	9.51	122	679068	83.898	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	1187240	83.202	ng	99
29) 2,4-Dichlorophenol	9.98	162	789431	88.064	ng	97
30) 1,2,4-Trichlorobenzene	10.17	180	827182	81.834	ng	99
31) Naphthalene	10.36	128	2586515	82.201	ng	99
32) Benzoic acid	9.76	122	656724m	95.804	ng	
33) 4-Chloroaniline	10.50	127	1097663	85.099	ng	99
34) Hexachlorobutadiene	10.62	225	484113	83.459	ng	98
35) Caprolactam	11.37	113	293148m	91.802	ng	
36) 4-Chloro-3-methylphenol	11.65	107	966740	87.401	ng	99
37) 2-Methylnaphthalene	11.99	142	1886285	82.495	ng	99
38) 1-Methylnaphthalene	12.21	142	1862261	82.629	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	905289	79.623	ng	99

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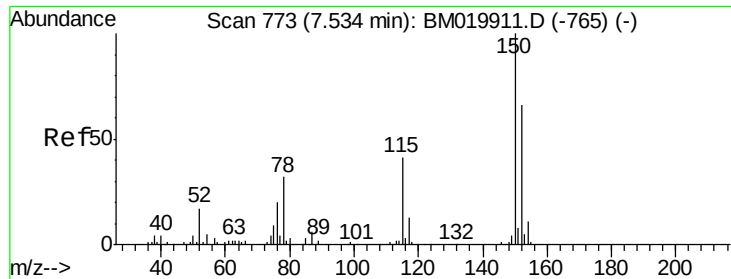
Manual Integrations
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 4/16/2019 5:25:36 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	311645	60.513	ng	98
43) 2,4,6-Trichlorophenol	12.62	196	619759	84.349	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	657639	83.701	ng	98
46) 1,1'-Biphenyl	13.02	154	2528495	80.552	ng	99
47) 2-Chloronaphthalene	13.07	162	1939474	82.777	ng	98
48) 2-Nitroaniline	13.31	65	713976	90.862	ng	99
49) Acenaphthylene	13.93	152	3387593	85.509	ng	100
50) Dimethylphthalate	13.68	163	2560256	83.267	ng	100
51) 2,6-Dinitrotoluene	13.82	165	572740	86.168	ng	98
52) Acenaphthene	14.27	154	1855107	81.492	ng	99
53) 3-Nitroaniline	14.16	138	592945	84.228	ng	96
54) 2,4-Dinitrophenol	14.38	184	332462	86.129	ng	98
55) Dibenzofuran	14.61	168	3049389	83.063	ng	98
56) 4-Nitrophenol	14.49	139	439592	76.481	ng	98
57) 2,4-Dinitrotoluene	14.62	165	842217	87.292	ng	93
58) Fluorene	15.26	166	2654294	87.715	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	587259	80.287	ng	98
60) Diethylphthalate	15.05	149	2662330	85.493	ng	98
61) 4-Chlorophenyl-phenylether	15.26	204	1281731	87.210	ng	99
62) 4-Nitroaniline	15.34	138	600404	84.630	ng	98
63) Azobenzene	15.56	77	2869524	87.569	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	442078	85.512	ng	97
66) n-Nitrosodiphenylamine	15.49	169	2128932	84.762	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	754005	86.669	ng	94
68) Hexachlorobenzene	16.26	284	900219	87.036	ng	97
69) Atrazine	16.45	200	682543	80.728	ng	99
70) Pentachlorophenol	16.62	266	476854	76.522	ng	100
71) Phenanthrene	17.01	178	3829702	82.820	ng	99
72) Anthracene	17.10	178	3838346	84.791	ng	100
73) Carbazole	17.39	167	3592411	84.081	ng	99
74) Di-n-butylphthalate	17.93	149	4742921	91.799	ng	99
75) Fluoranthene	19.04	202	4431868	83.525	ng	100
77) Benzidine	19.25	184	1405908	60.942	ng	99
78) Pyrene	19.41	202	4476506	86.978	ng	100
80) Butylbenzylphthalate	20.32	149	2182824	97.375	ng	96
81) Benzo(a)anthracene	21.17	228	4170020	81.714	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	1462946	74.415	ng	99
83) Chrysene	21.23	228	3998434	80.989	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	3211227	98.465	ng	98
85) Di-n-octyl phthalate	21.95	149	5037947	91.739	ng	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	3749753	70.556	ng	99
88) Benzo(b)fluoranthene	22.73	252	3610087	84.092	ng	99
89) Benzo(k)fluoranthene	22.77	252	3469451	87.865	ng	99
90) Benzo(a)pyrene	23.29	252	3196029	82.842	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	3171434	85.934	ng	99
92) Benzo(g,h,i)perylene	26.28	276	2831875	83.579	ng	99

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



#1

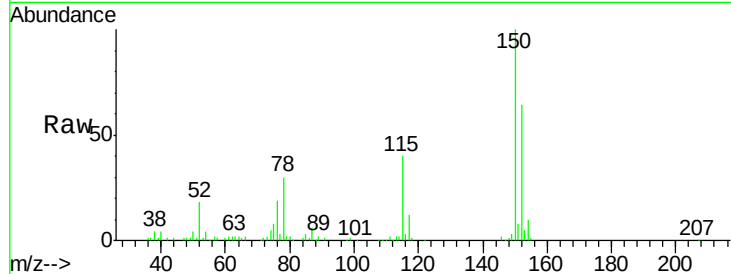
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 773
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

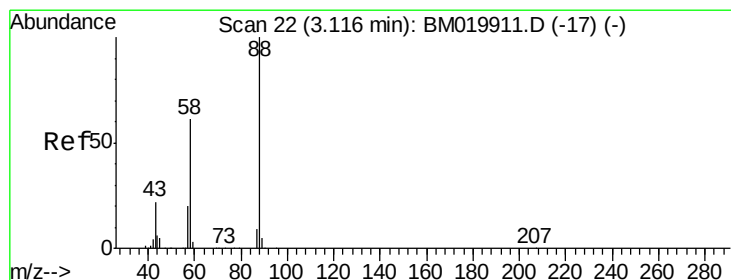
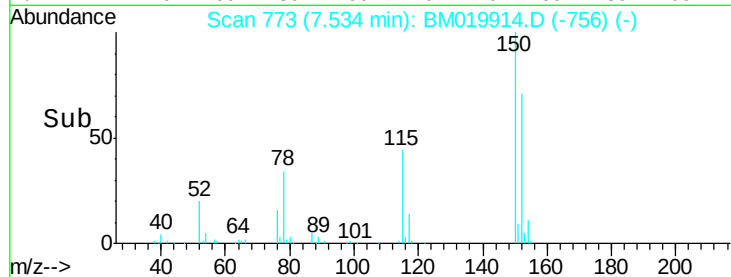
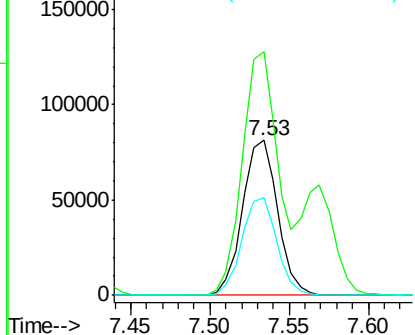
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.1	183.1
115	62.6	50.0	75.0

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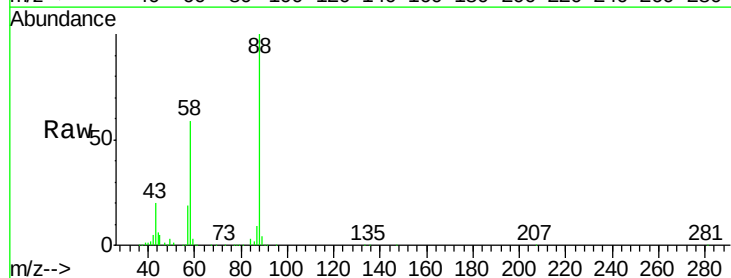
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



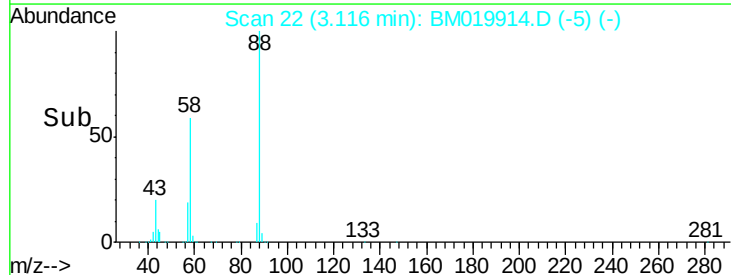
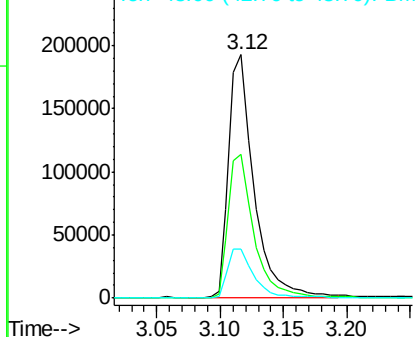
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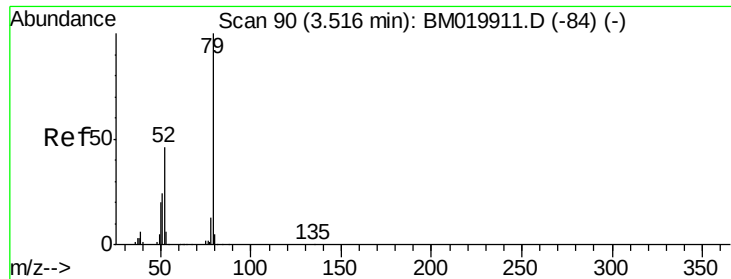
1,4-Dioxane
Concen: 76.624 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	49.6	74.4
43	21.0	18.6	27.8



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





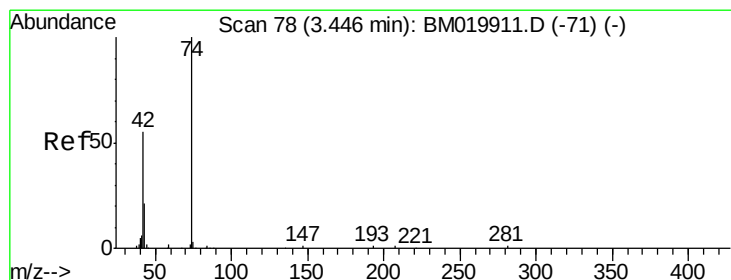
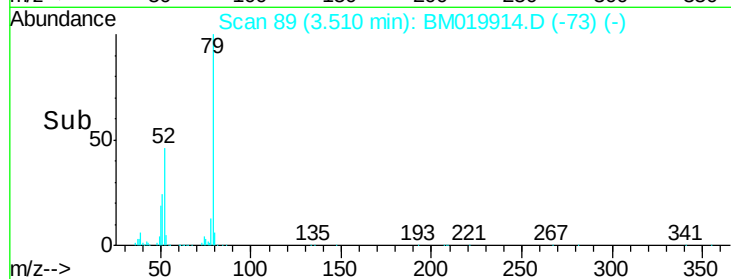
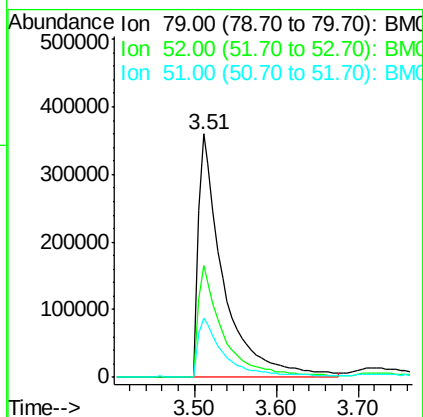
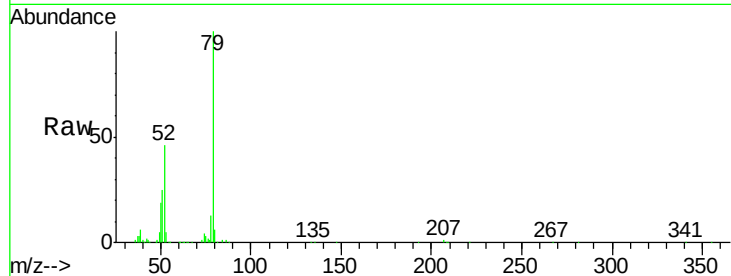
#3
 Pyridine
 Concen: 82.350 ng
 RT: 3.51 min Scan# 89
 Delta R.T. -0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
79	100		
52	46.2	36.9	55.3
51	24.6	20.0	30.0

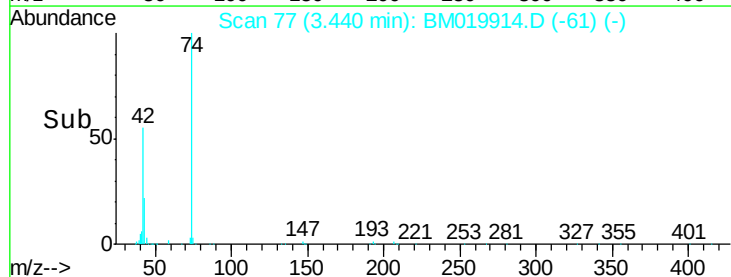
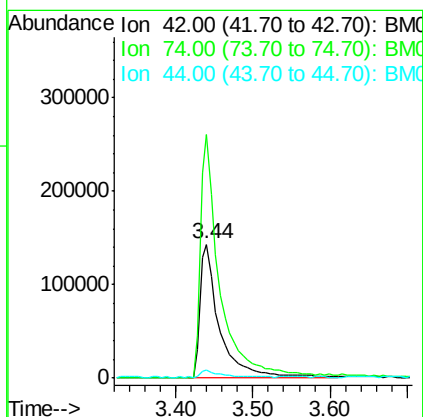
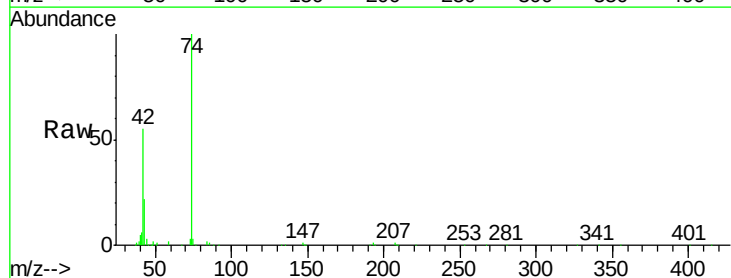
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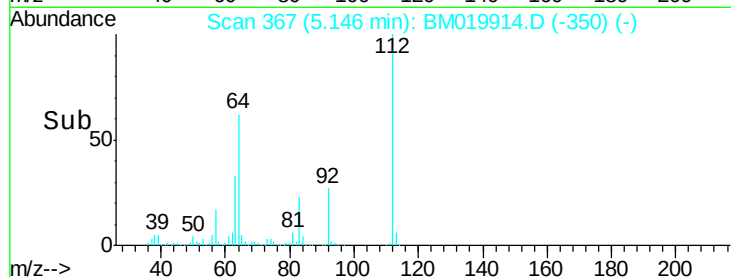
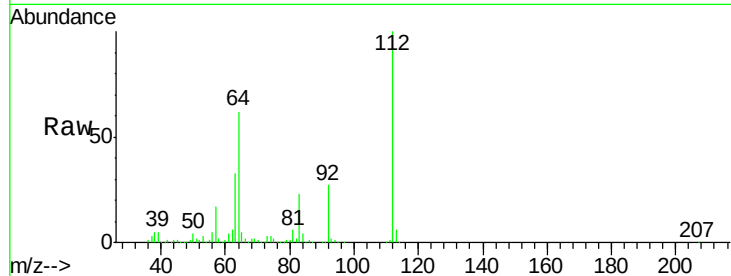
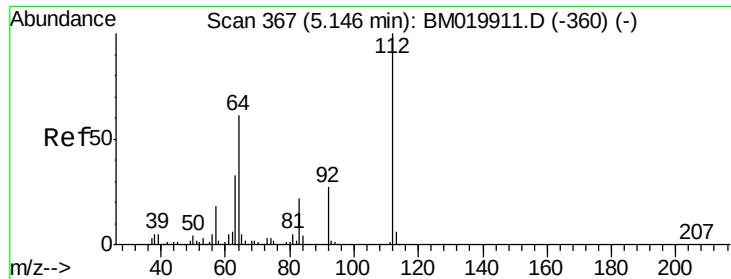
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#4
 n-Nitrosodimethylamine
 Concen: 88.014 ng
 RT: 3.44 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	181.6	144.6	217.0
44	6.1	5.4	8.2





#5

2-Fluorophenol

Concen: 164.669 ng

RT: 5.15 min Scan# 367

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:	112	Resp:	1272906
Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.1	73.7
63	33.2	26.5	39.7

Instrument :

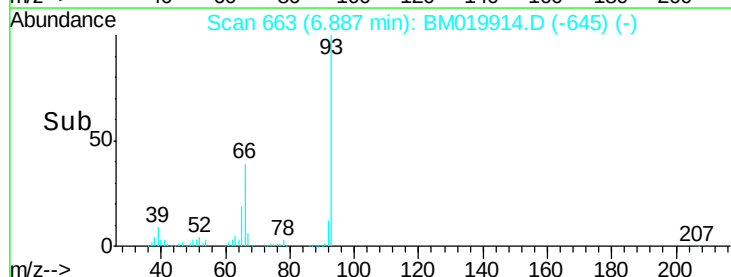
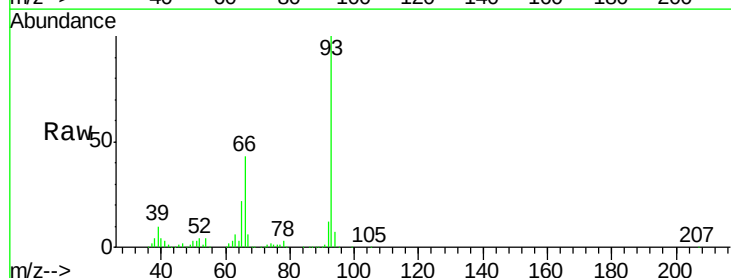
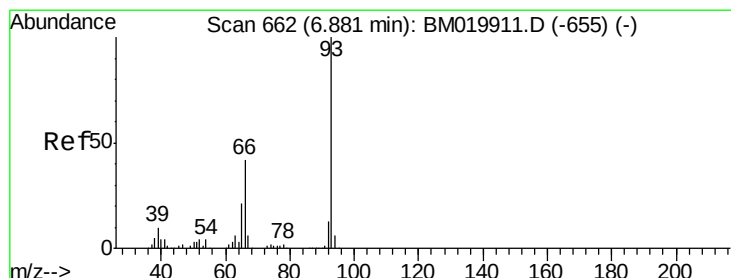
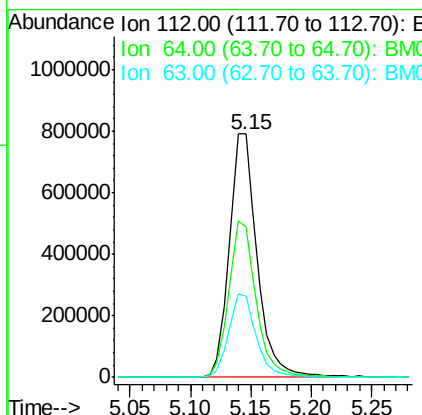
BNA_M

ClientSampleId :

SSTDIC080

Manual Integrations
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#6

Aniline

Concen: 84.382 ng

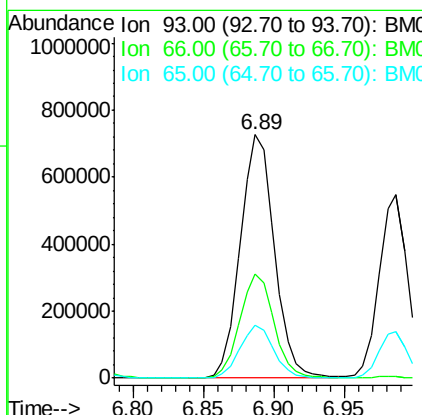
RT: 6.89 min Scan# 663

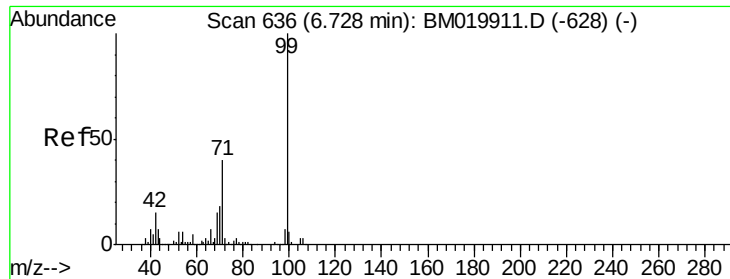
Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:	93	Resp:	1231805
Ion	Ratio	Lower	Upper
93	100		
66	42.8	33.9	50.9
65	21.6	17.0	25.6





#7

Phenol-d6

Concen: 173.201 ng

RT: 6.73 min Scan# 637

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion: 99 Resp: 1958357

Ion Ratio Lower Upper

99 100

42 14.7 11.8 17.8

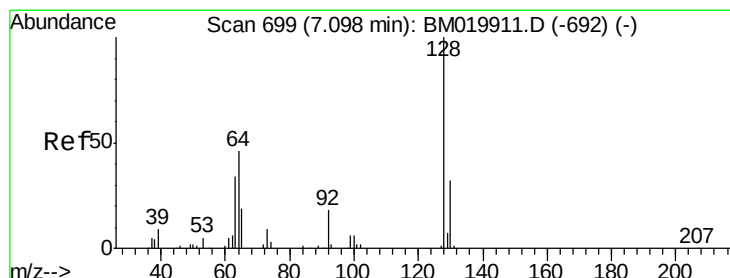
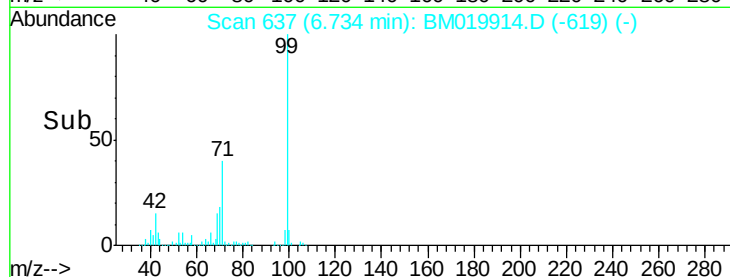
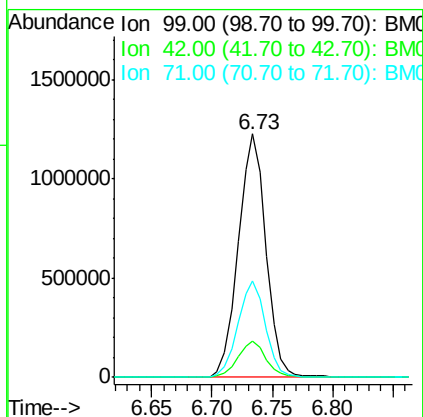
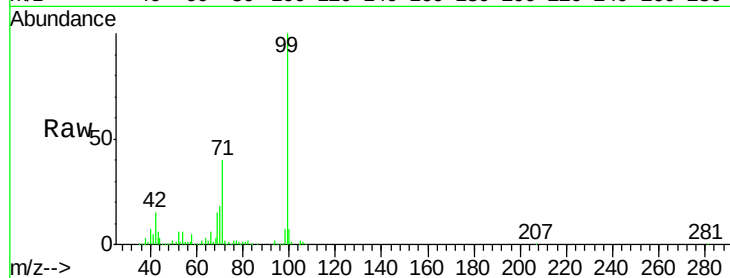
71 39.9 32.0 48.0

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#8

2-Chlorophenol

Concen: 84.763 ng

RT: 7.10 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

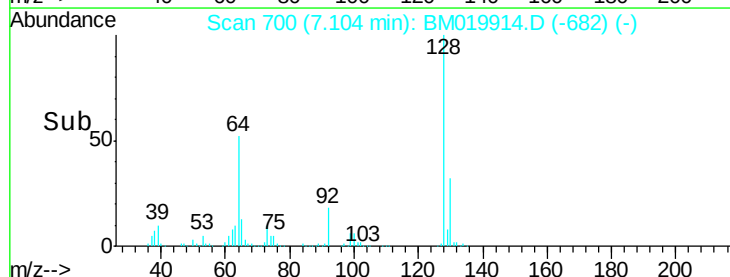
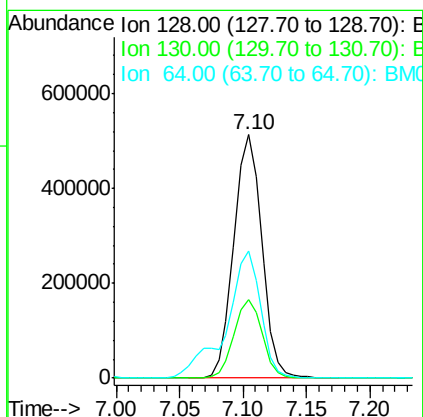
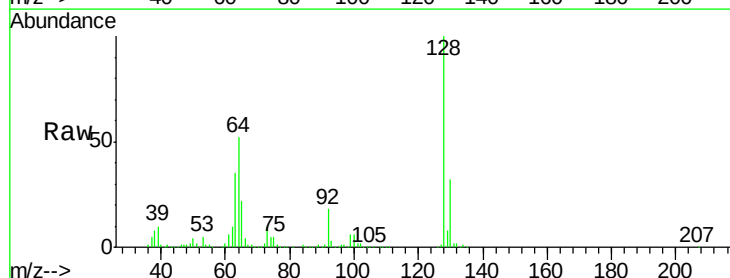
Tgt Ion: 128 Resp: 787381

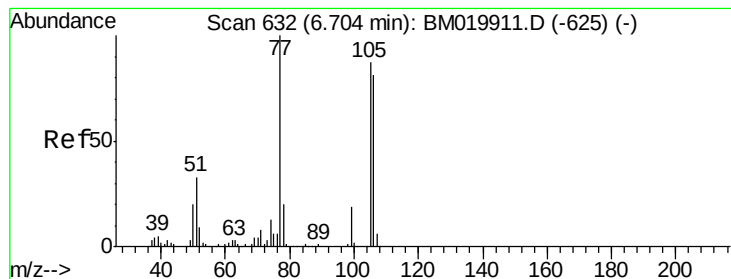
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 52.4 33.0 73.0





#9

Benzaldehyde

Concen: 59.785 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019914.D

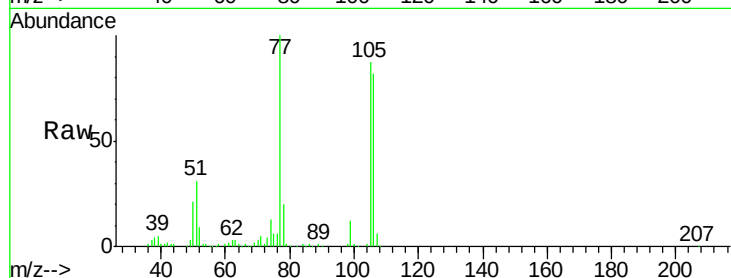
Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC080



Tgt Ion: 77 Resp: 425197

Ion Ratio Lower Upper

77 100

105 87.1 67.3 107.3

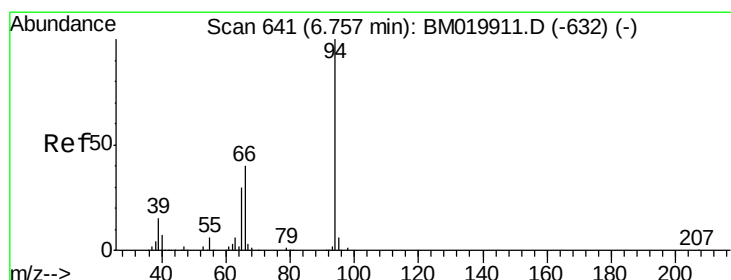
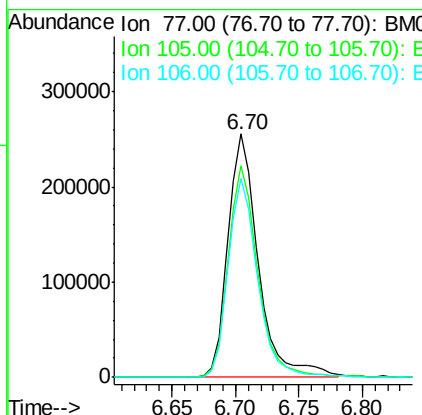
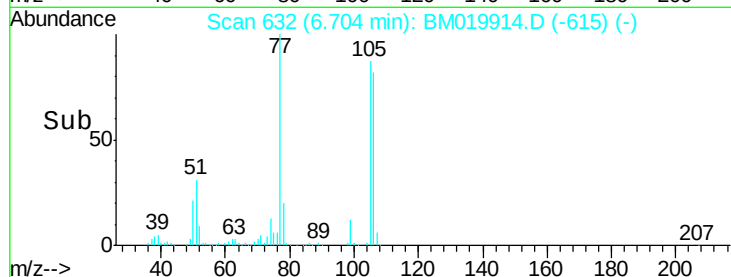
106 81.6 60.6 100.6

Manual Integrations

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#10

Phenol

Concen: 87.625 ng

RT: 6.76 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

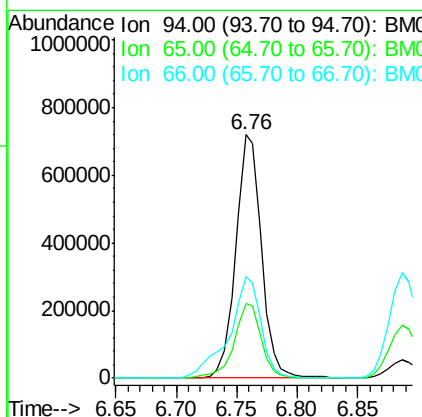
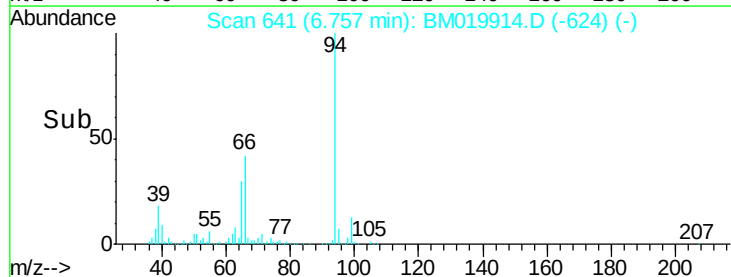
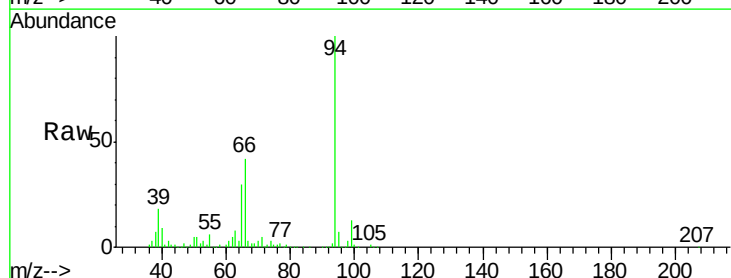
Tgt Ion: 94 Resp: 1067757

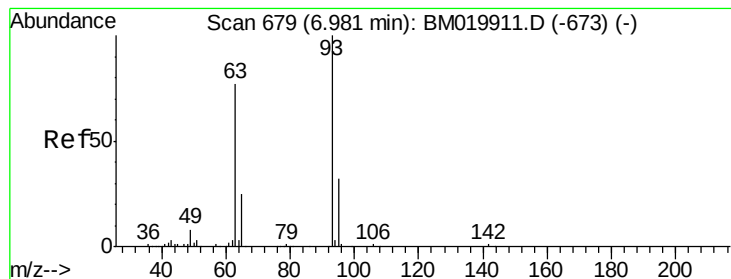
Ion Ratio Lower Upper

94 100

65 30.4 10.0 50.0

66 41.8 20.2 60.2





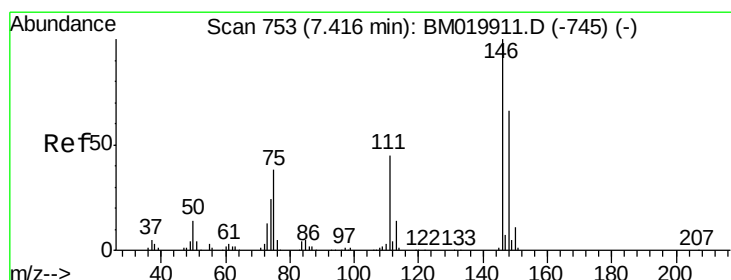
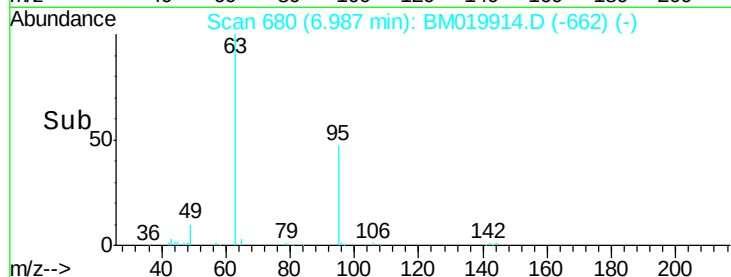
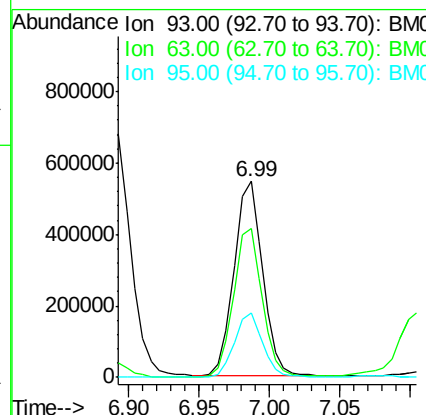
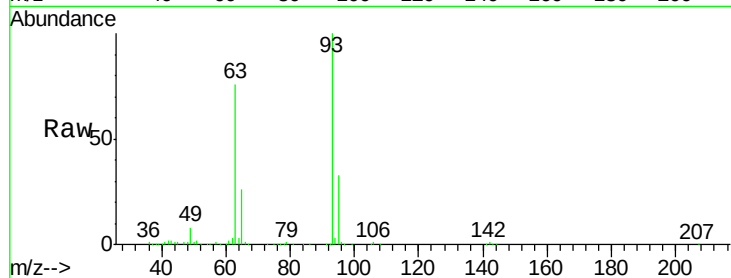
#11
bis(2-Chloroethyl)ether
Concen: 82.705 ng
RT: 6.99 min Scan# 680
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.6	55.8	95.8
95	32.5	11.6	51.6

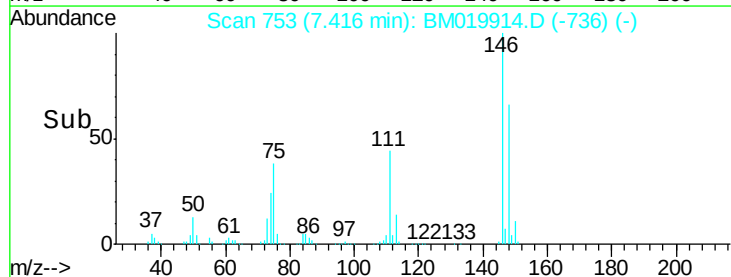
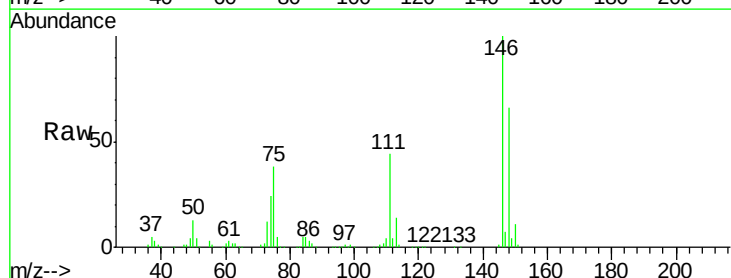
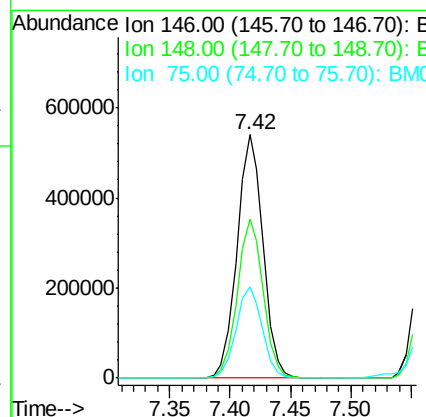
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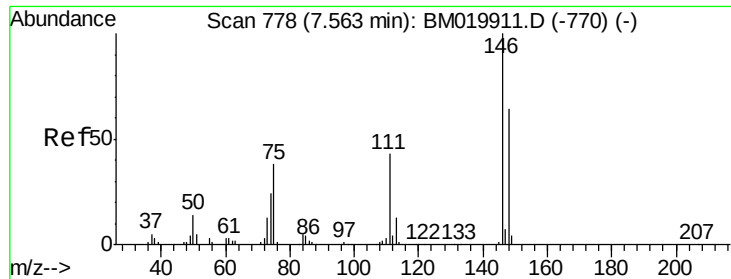
Sohil
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#12
1,3-Dichlorobenzene
Concen: 82.187 ng
RT: 7.42 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.6	78.8
75	37.6	30.0	45.0





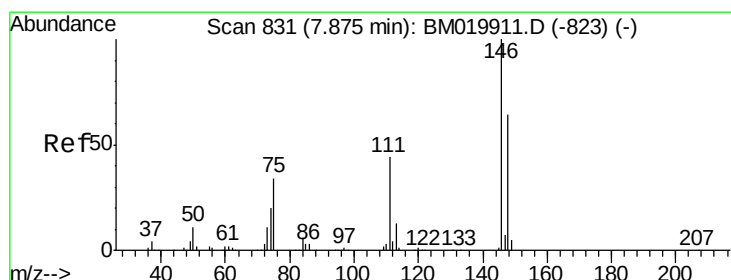
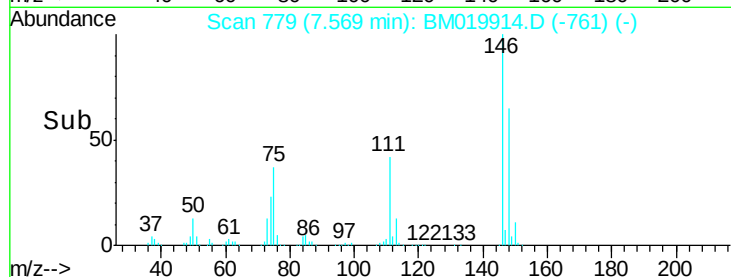
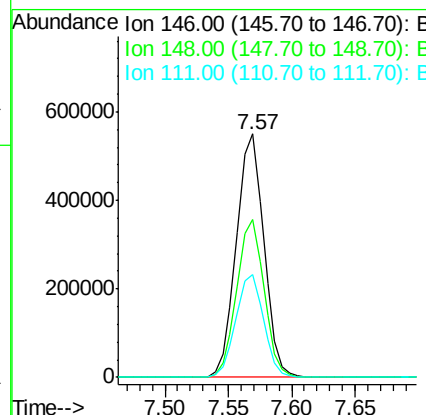
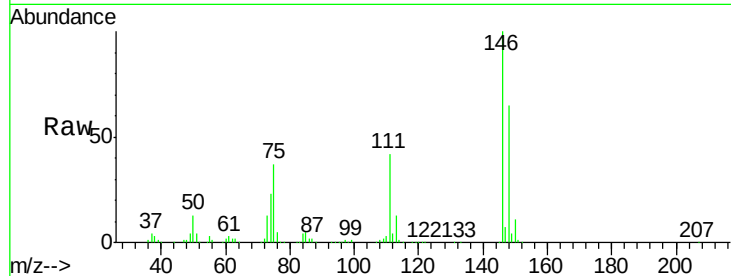
#13
 1,4-Dichlorobenzene
 Concen: 82.450 ng
 RT: 7.57 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	826335		
148	64.6		51.1	76.7
111	42.0		34.6	51.8

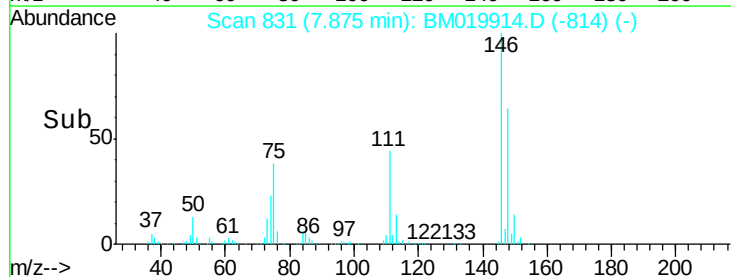
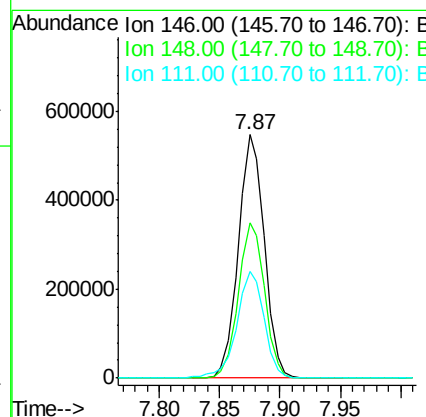
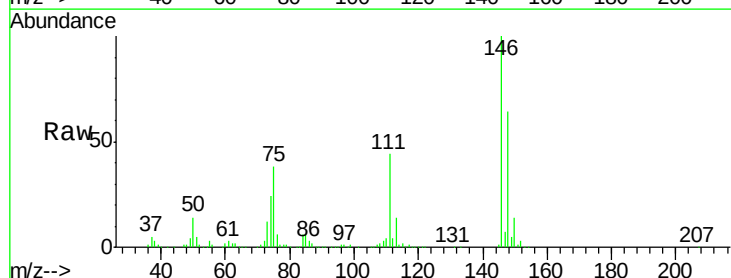
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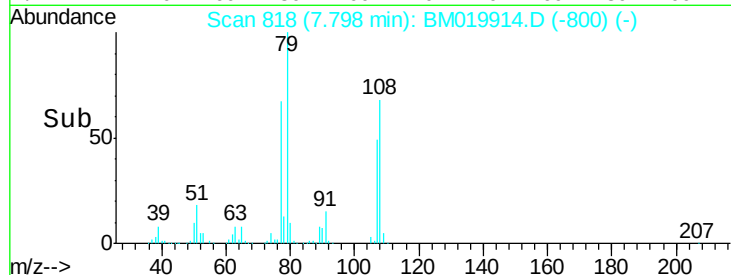
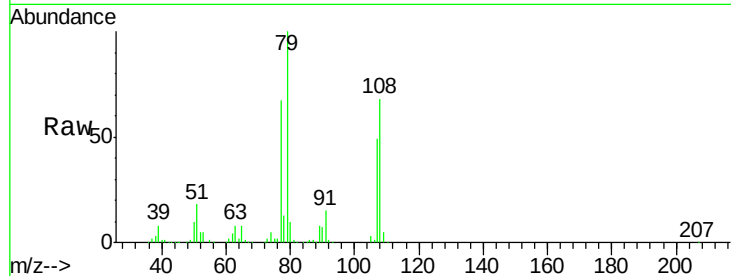
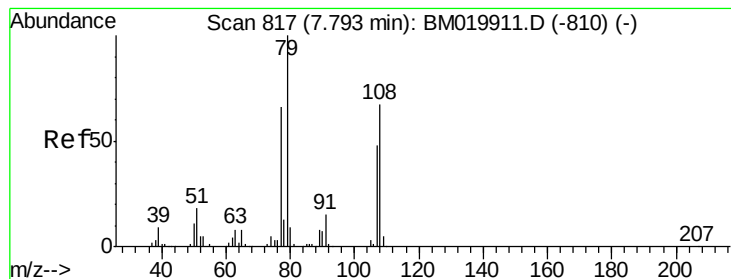
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#14
 1,2-Dichlorobenzene
 Concen: 84.402 ng
 RT: 7.87 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	822989		
148	63.7		51.4	77.2
111	44.1		35.4	53.0





#15

Benzyl Alcohol

Concen: 95.023 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:	79	Resp:	889224
Ion Ratio	Lower	Upper	
79	100		
108	67.5	53.9	80.9
77	67.0	53.1	79.7

Instrument :

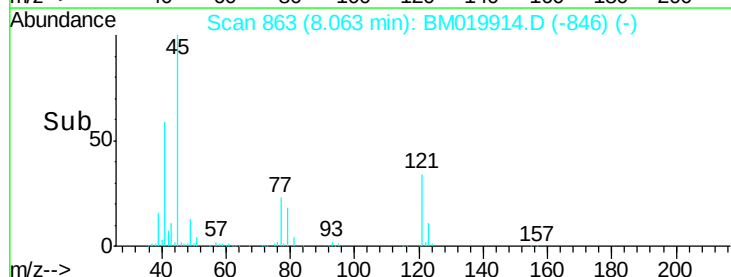
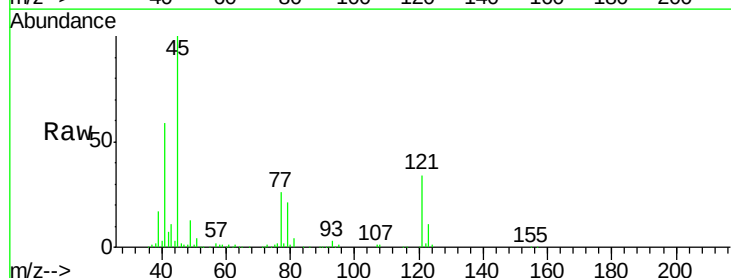
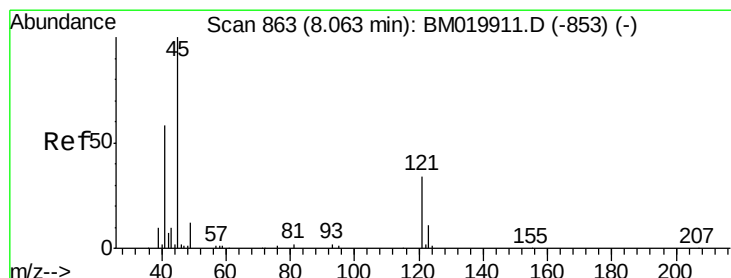
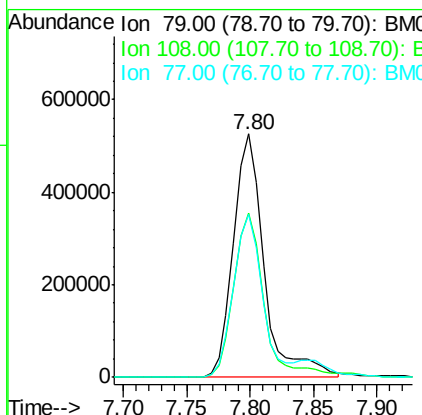
BNA_M

ClientSampleId :

SSTDICC080

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.391 ng

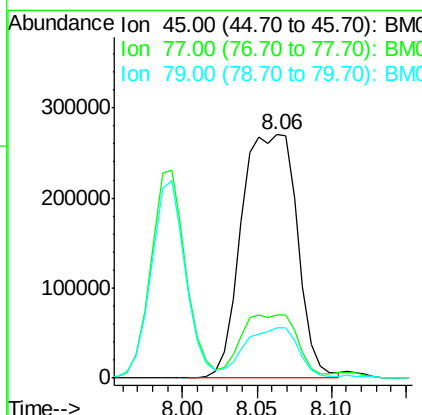
RT: 8.06 min Scan# 863

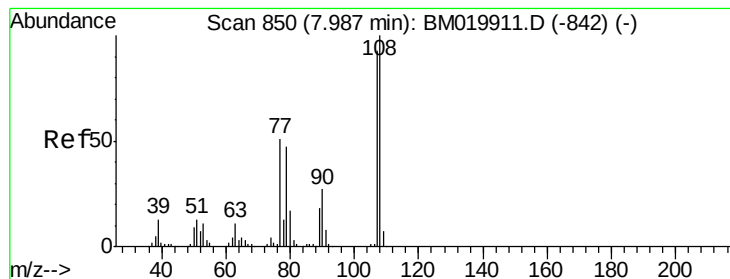
Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:	45	Resp:	696800
Ion Ratio	Lower	Upper	
45	100		
77	25.8	7.2	47.2
79	20.7	1.2	41.2





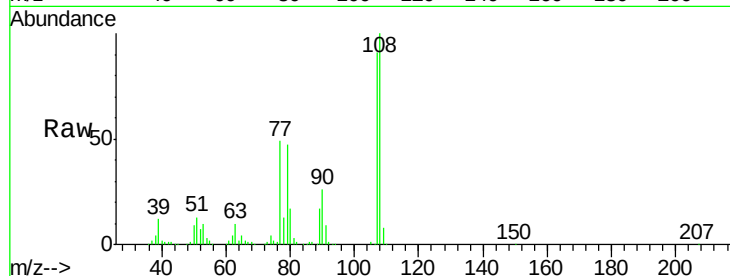
#17
2-Methylphenol
Concen: 87.128 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

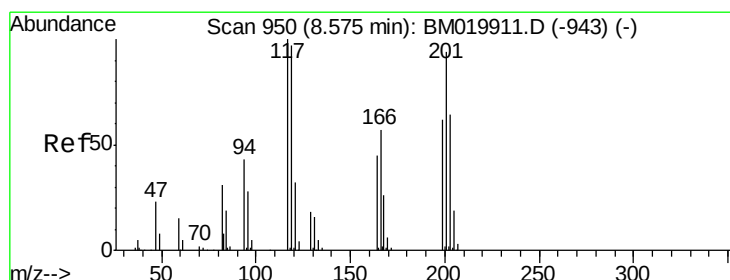
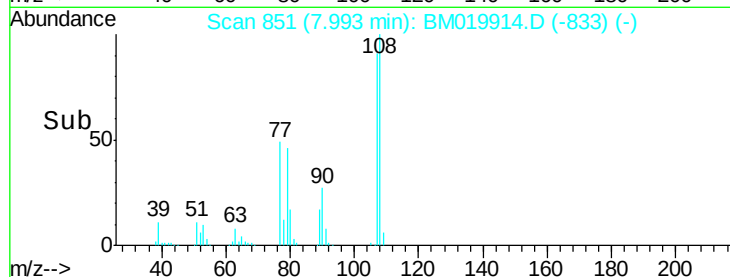
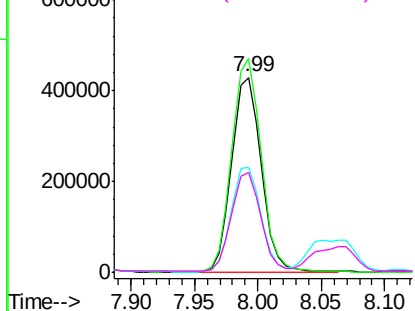
Tgt Ion:	107	Resp:	691851
Ion Ratio	Lower	Upper	
107	100		
108	109.7	85.9	128.9
77	53.8	43.8	65.6
79	51.2	41.1	61.7

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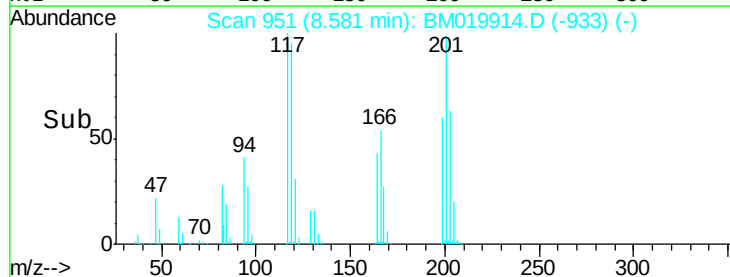
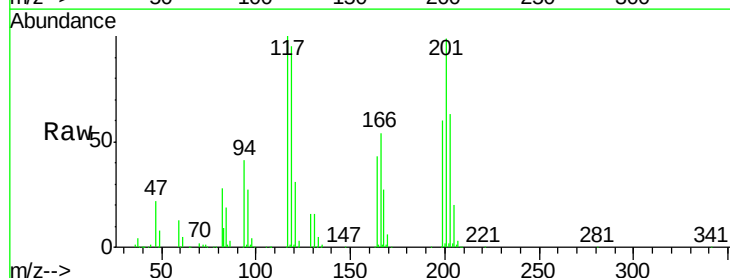
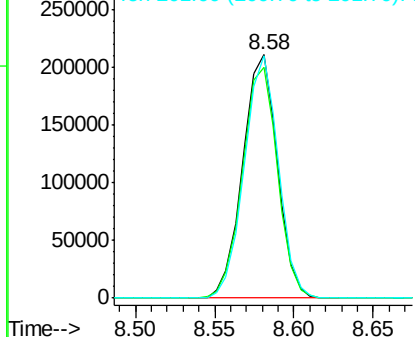
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

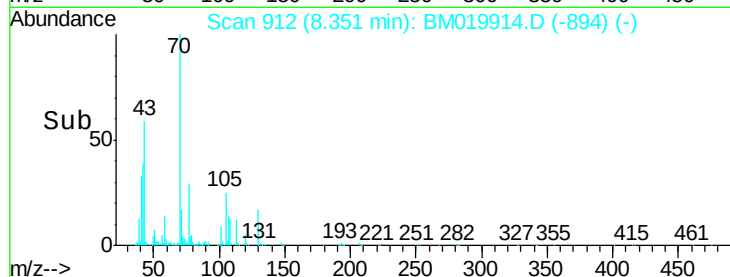
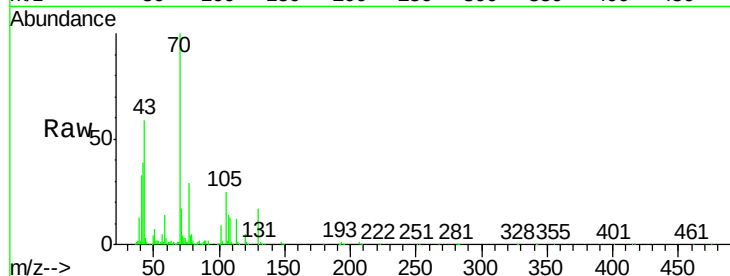
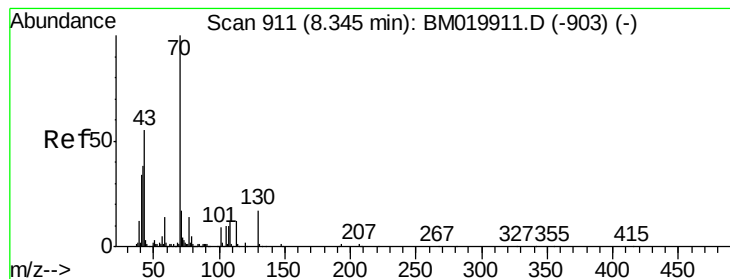


#18
Hexachloroethane
Concen: 86.169 ng
RT: 8.58 min Scan# 951
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:	117	Resp:	320902
Ion Ratio	Lower	Upper	
117	100		
119	94.9	77.6	116.4
201	99.4	75.4	113.2

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 89.363 ng

RT: 8.35 min Scan# 912

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.9	30.3	45.5
101	8.7	6.9	10.3
130	17.5	13.8	20.6

Instrument :

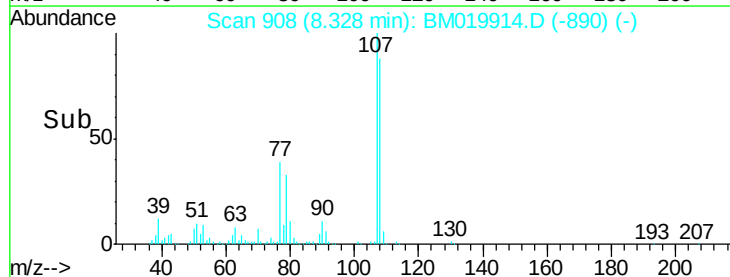
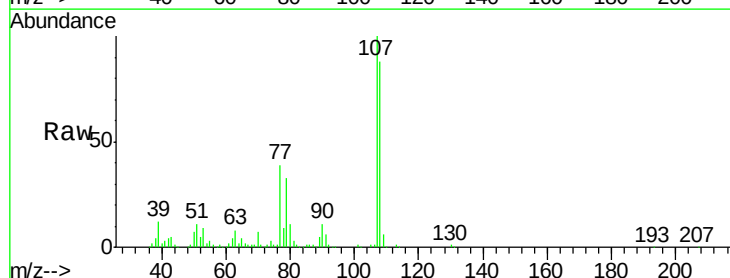
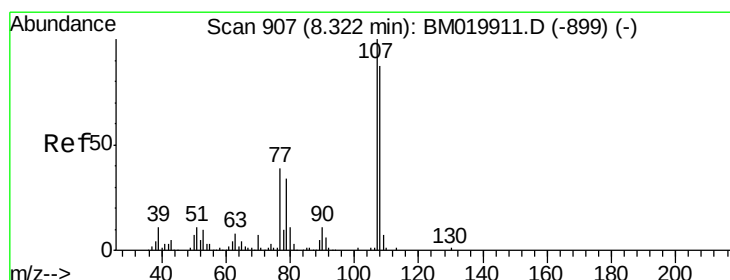
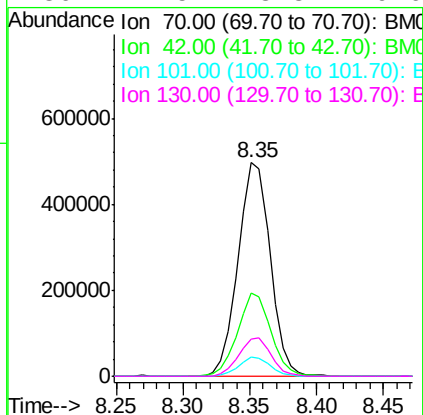
BNA_M

ClientSampleId :

SSTDIC080

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#20

3+4-Methylphenols

Concen: 89.115 ng

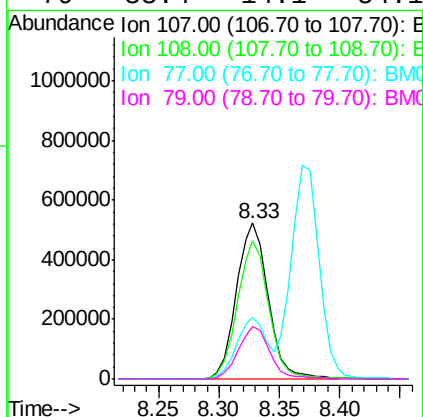
RT: 8.33 min Scan# 908

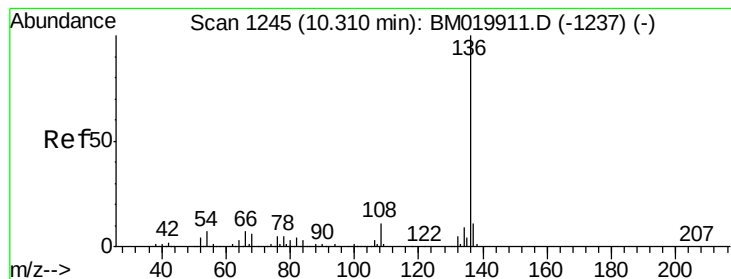
Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.4	107.4
77	39.3	19.7	59.7
79	33.4	14.1	54.1





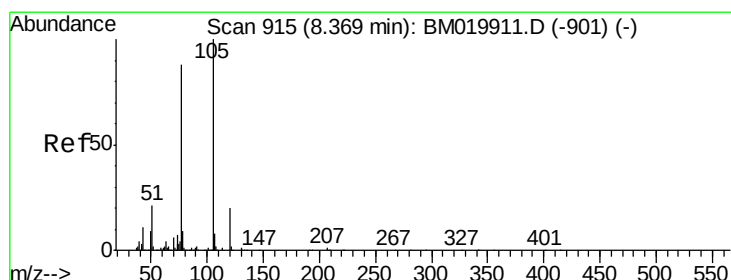
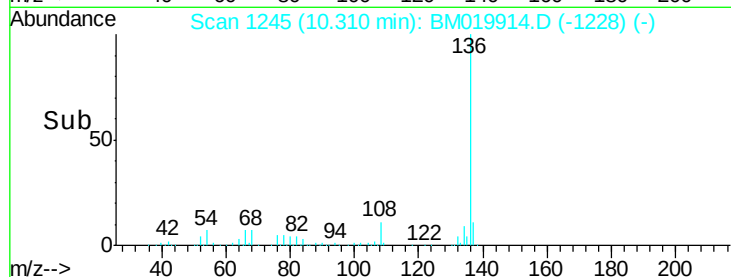
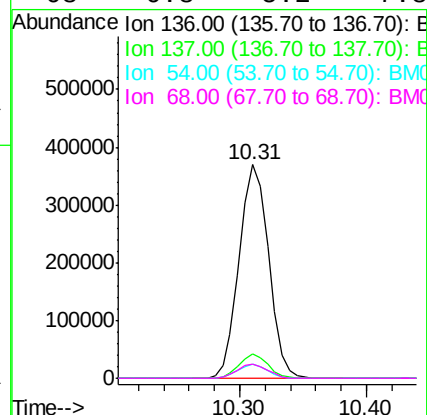
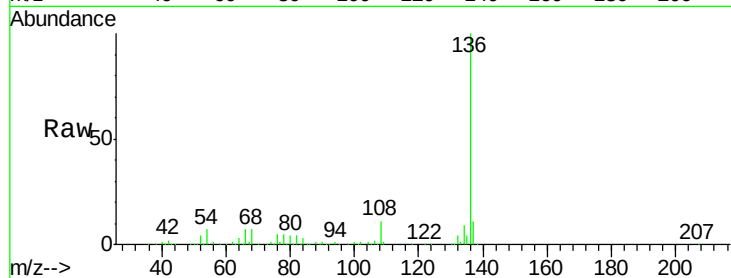
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	596992		
137	11.4	9.0	13.6	
54	6.5	5.3	7.9	
68	6.8	5.2	7.8	

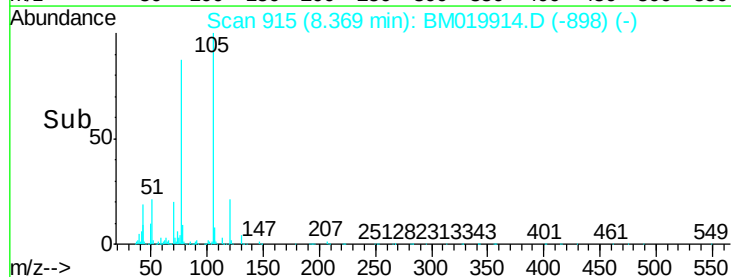
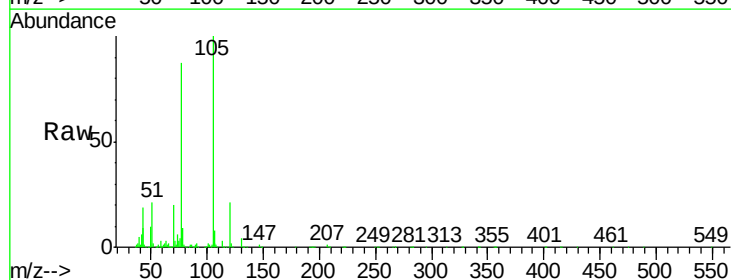
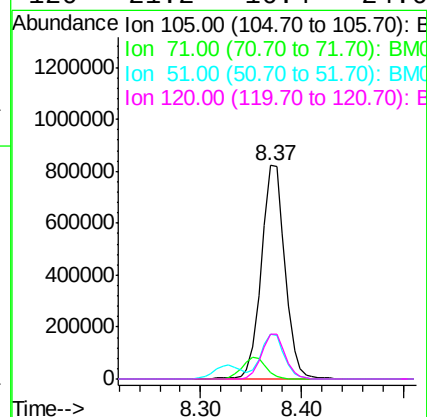
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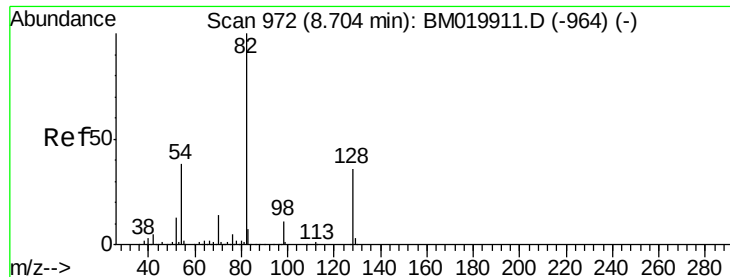
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#22
Acetophenone
Concen: 80.738 ng
RT: 8.37 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1332044		
71	3.2	0.8	1.2#	
51	20.9	16.9	25.3	
120	21.2	16.4	24.6	





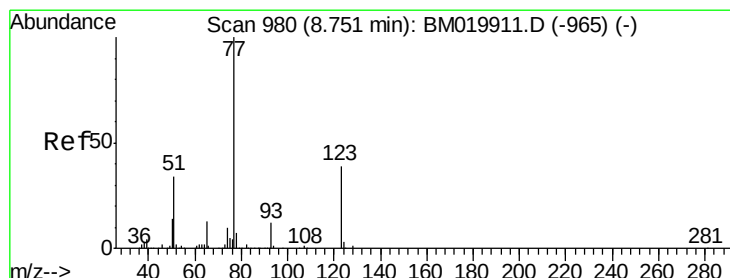
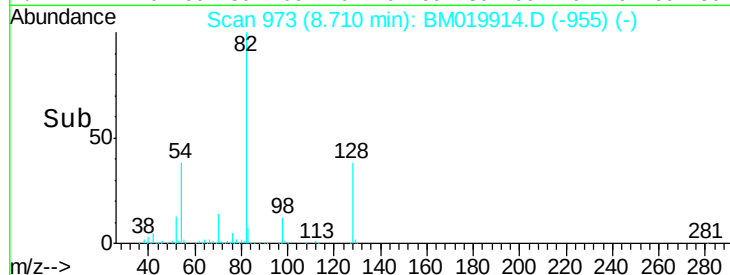
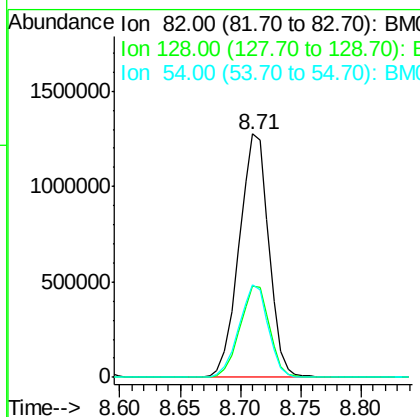
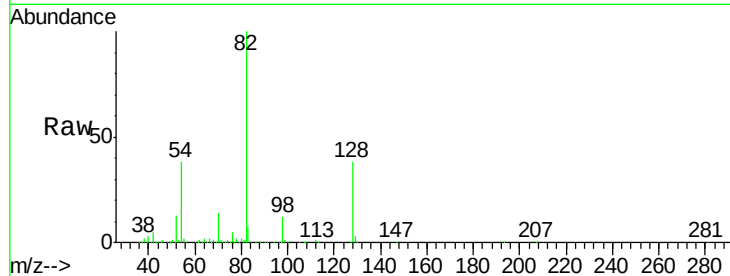
#23
 Nitrobenzene-d5
 Concen: 173.100 ng
 RT: 8.71 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.0	43.4
54	37.9	30.2	45.4

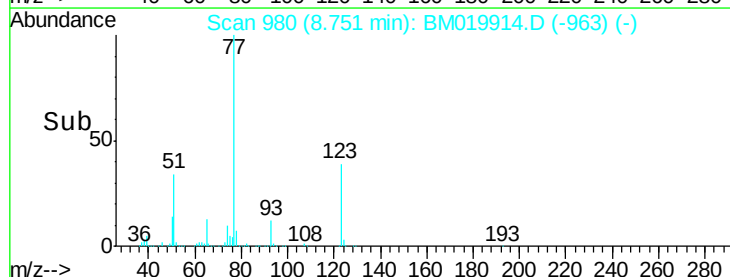
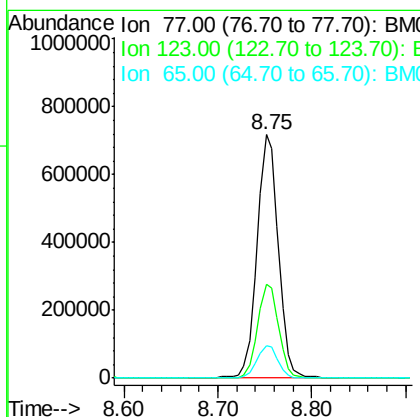
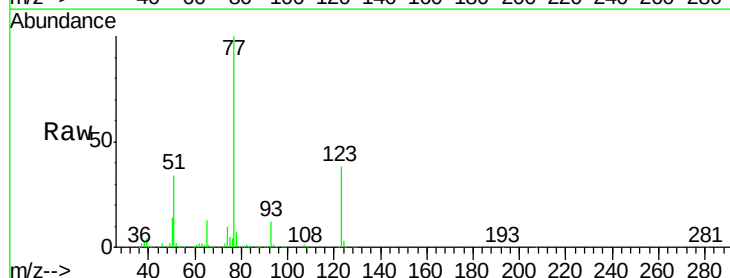
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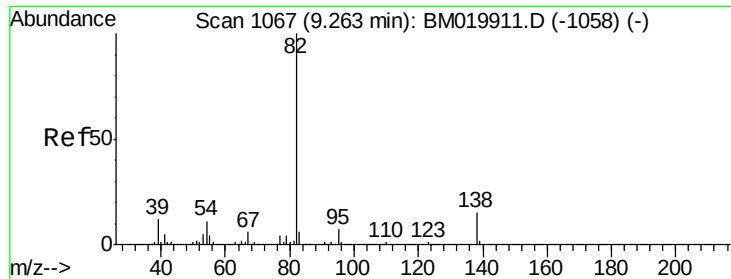
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#24
 Nitrobenzene
 Concen: 85.419 ng
 RT: 8.75 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	31.0	46.4
65	13.2	10.6	16.0





#25

Isophorone

Concen: 86.496 ng

RT: 9.27 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion: 82 Resp: 2084445

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

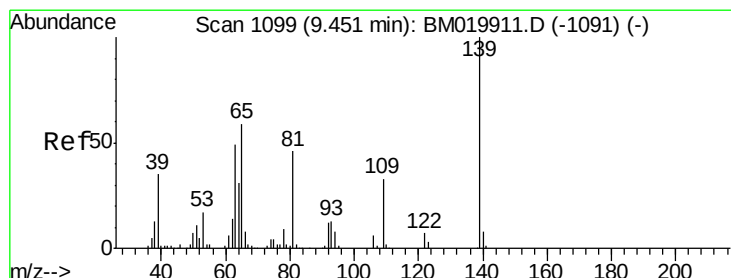
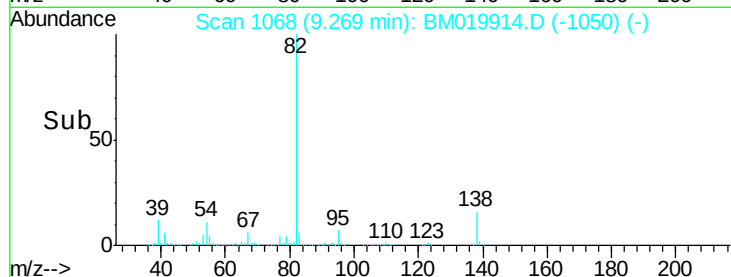
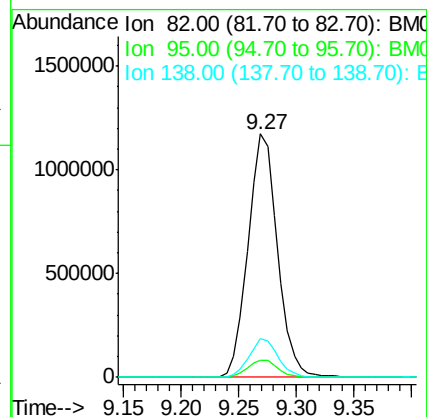
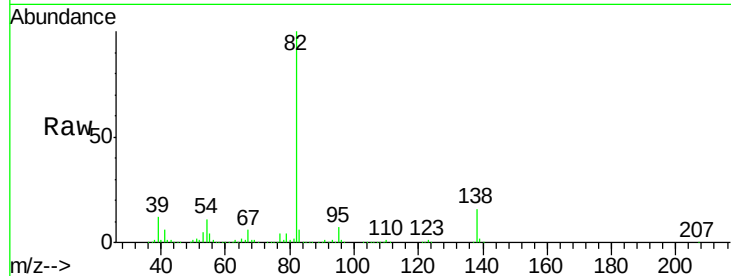
138 15.8 12.2 18.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 90.428 ng

RT: 9.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

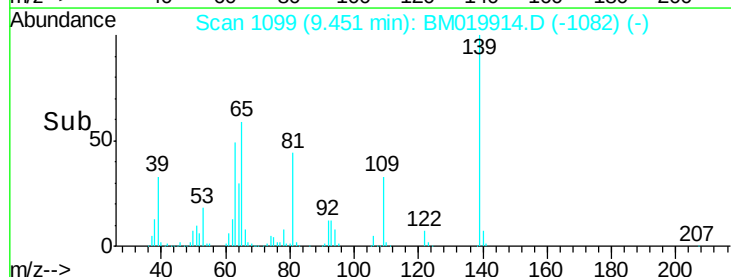
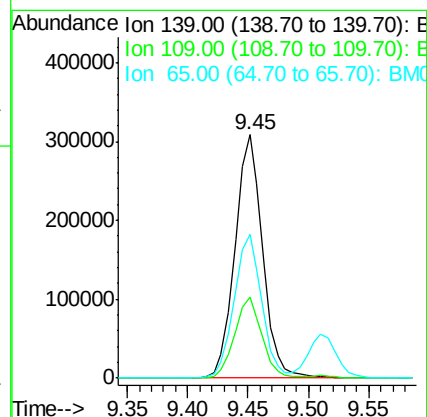
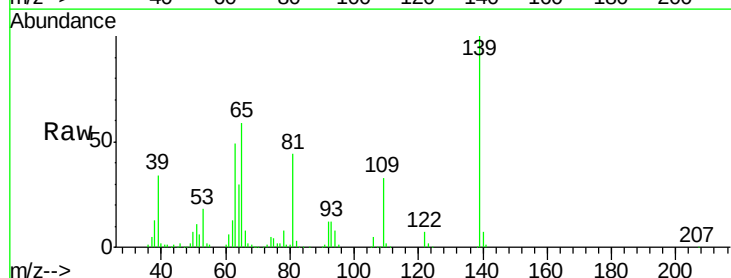
Tgt Ion: 139 Resp: 492333

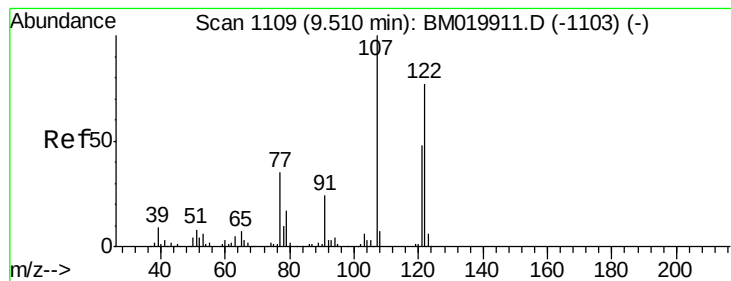
Ion Ratio Lower Upper

139 100

109 33.4 26.3 39.5

65 59.0 47.4 71.2





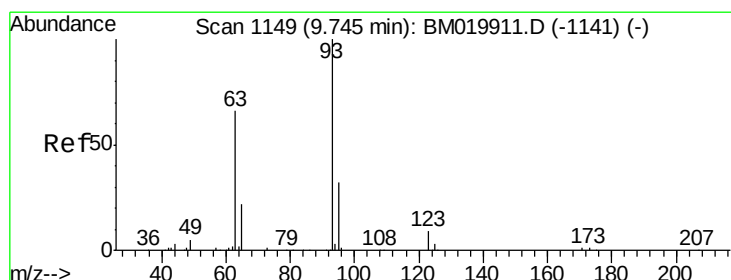
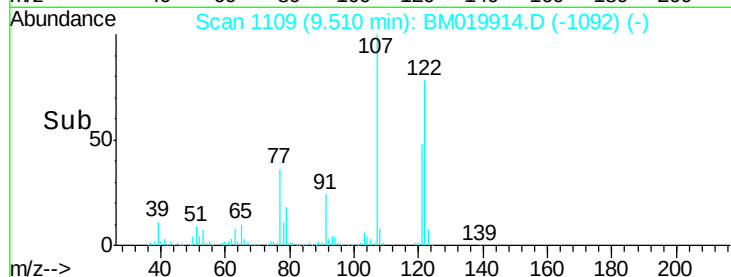
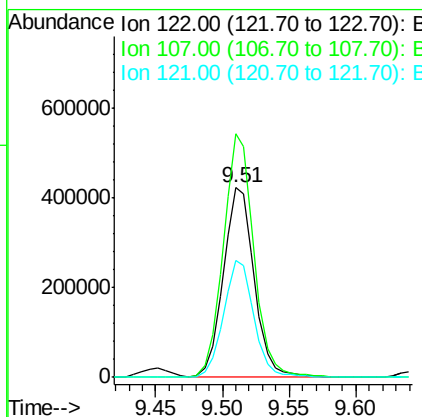
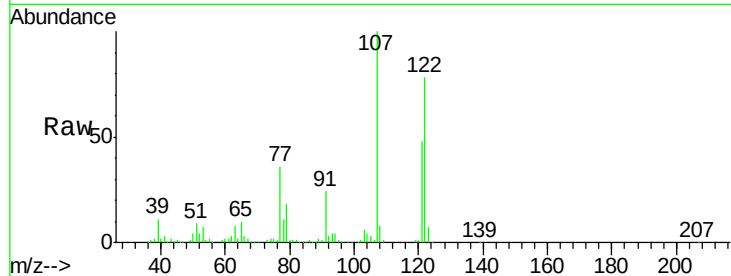
#27
2,4-Dimethylphenol
Concen: 83.898 ng
RT: 9.51 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.3	103.1	154.7
121	61.4	49.8	74.8

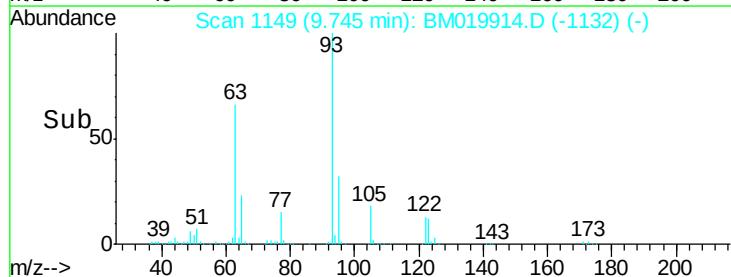
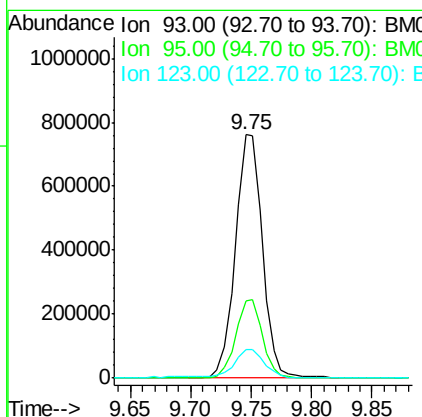
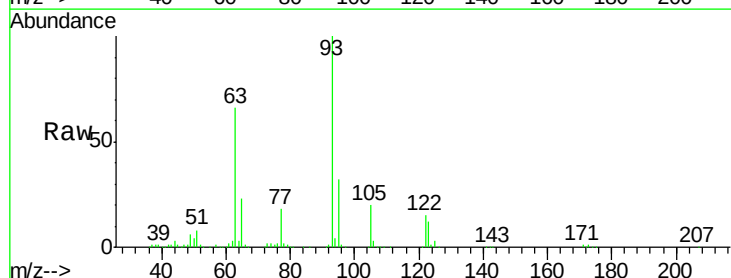
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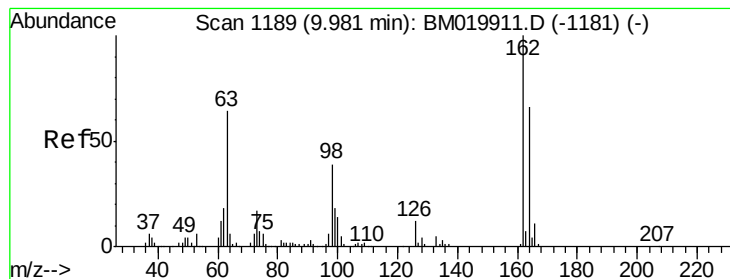
Sohil
4/16/2019 5:25:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 83.202 ng
RT: 9.75 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	11.7	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 88.064 ng

RT: 9.98 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

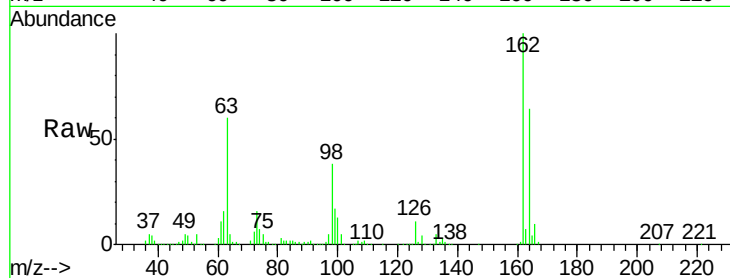
ClientSampleId :

SSTDIC080

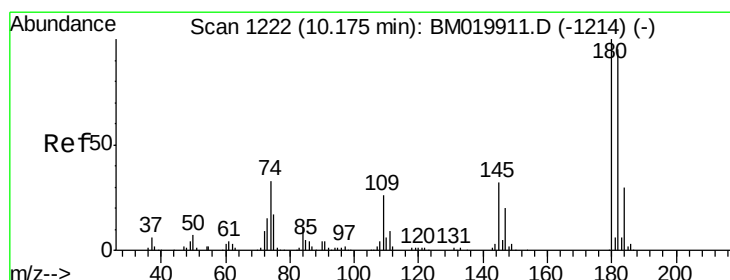
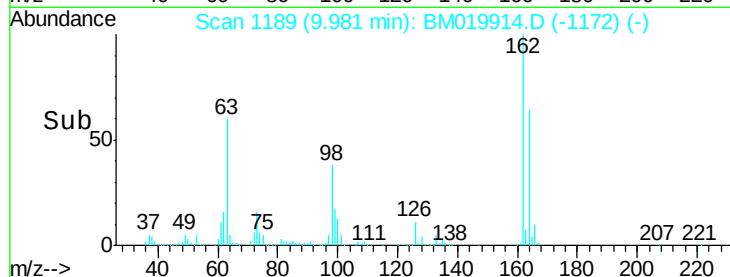
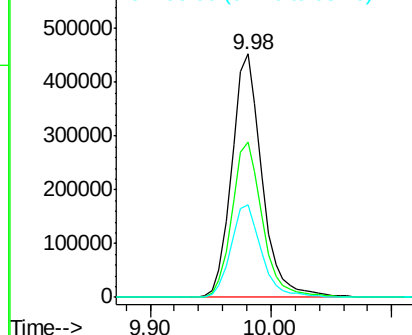
Tgt Ion:	162	Resp:	789431
Ion Ratio	Lower	Upper	
162	100		
164	63.6	46.3	86.3
98	38.2	19.2	59.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 81.834 ng

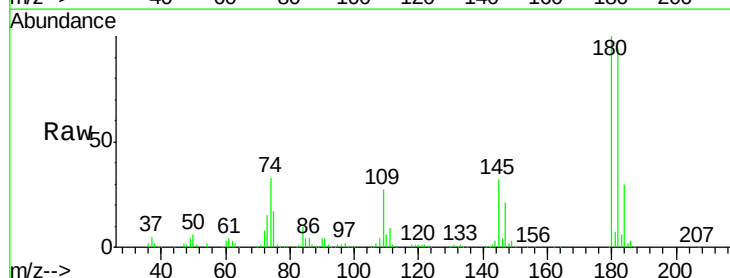
RT: 10.17 min Scan# 1222

Delta R.T. 0.00 min

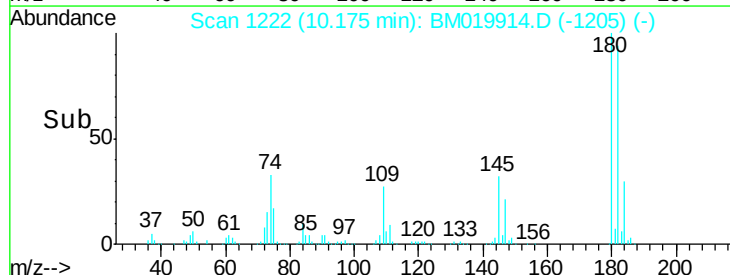
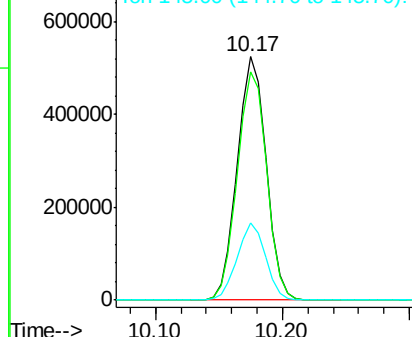
Lab File: BM019914.D

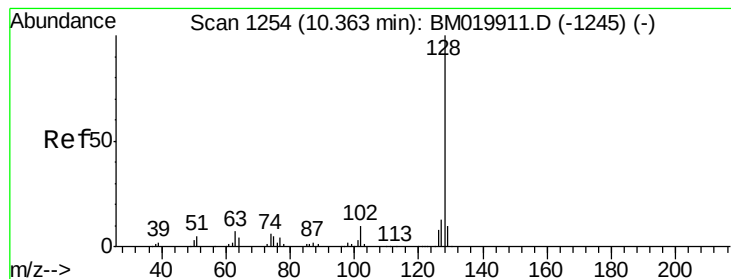
Acq: 15 Apr 2019 14:16

Tgt Ion:	180	Resp:	827182
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.3	114.5
145	31.9	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 82.201 ng

RT: 10.36 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

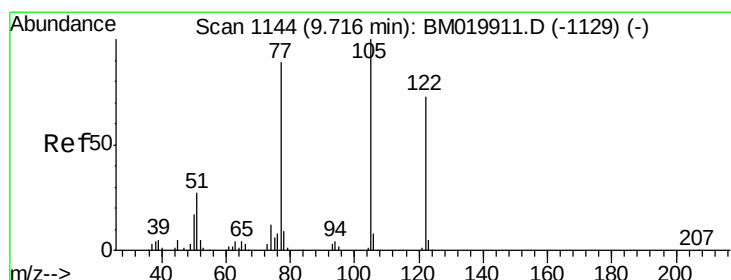
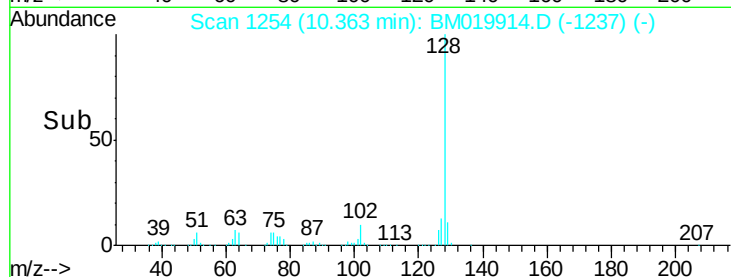
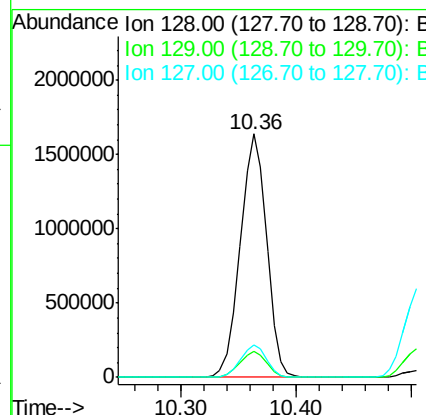
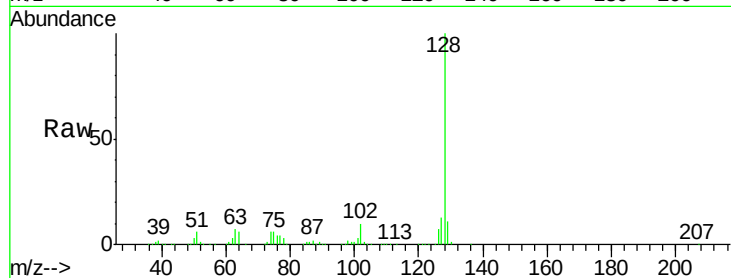
ClientSampleId :

SSTDIC080

Tgt Ion:128 Resp: 2586515
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.3 12.5
 127 13.1 10.4 15.6

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#32

Benzoic acid

Concen: 95.804 ng m

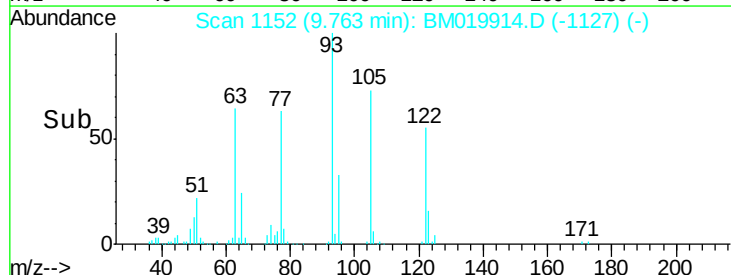
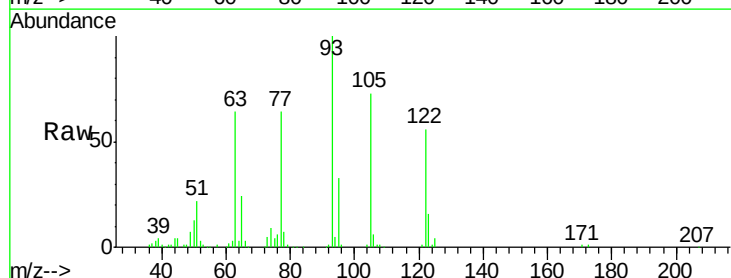
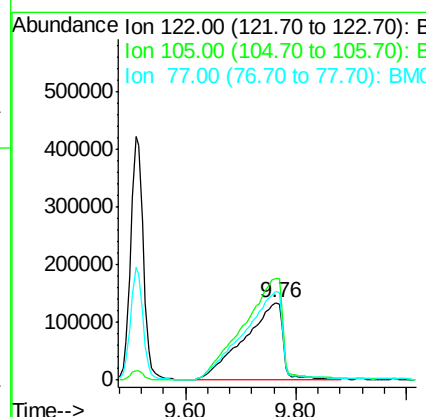
RT: 9.76 min Scan# 1152

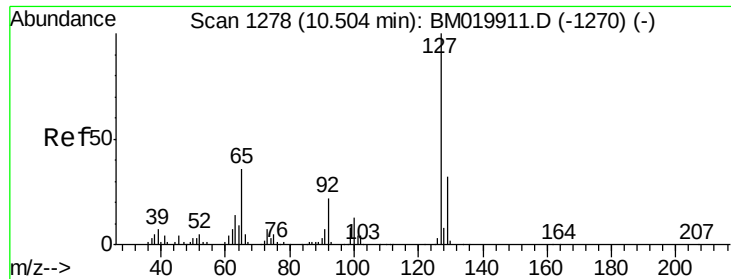
Delta R.T. 0.05 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:122 Resp: 656724
 Ion Ratio Lower Upper
 122 100
 105 131.2 114.8 154.8
 77 114.3 100.2 140.2





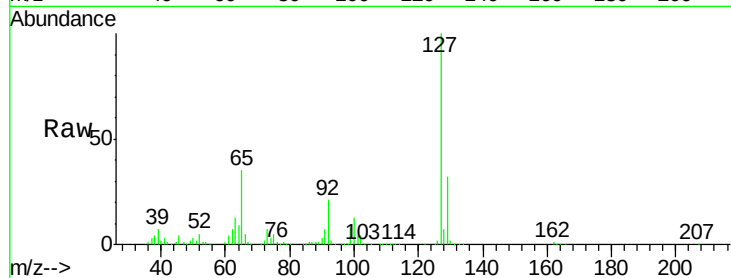
#33
4-Chloroaniline
Concen: 85.099 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

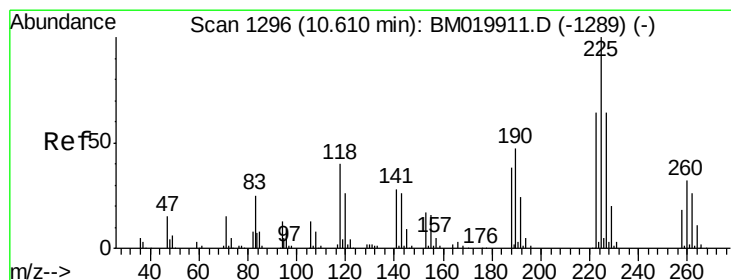
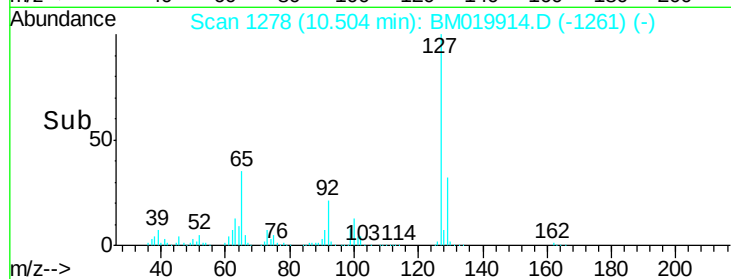
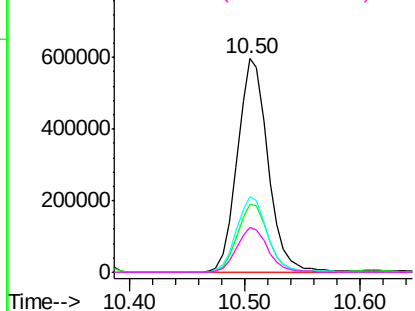
Tgt Ion:	127	Resp:	1097663
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.0
65	35.4	29.2	43.8
92	20.9	17.5	26.3

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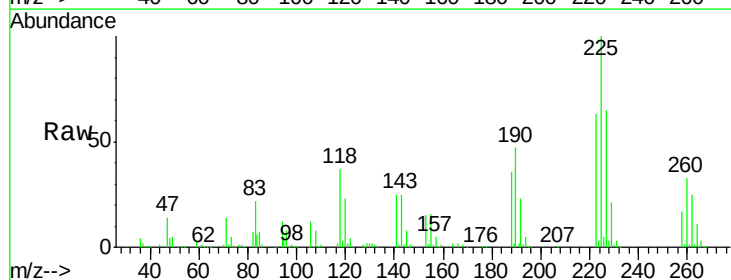


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

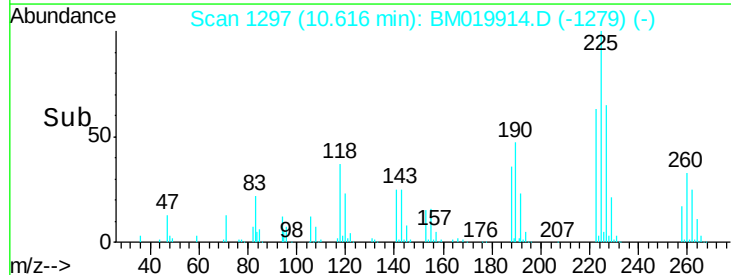
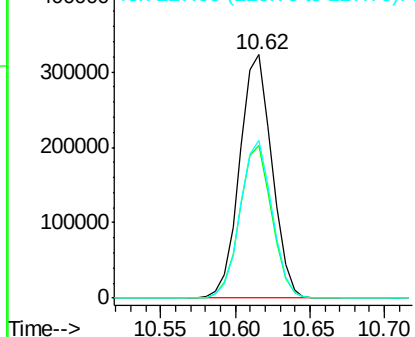


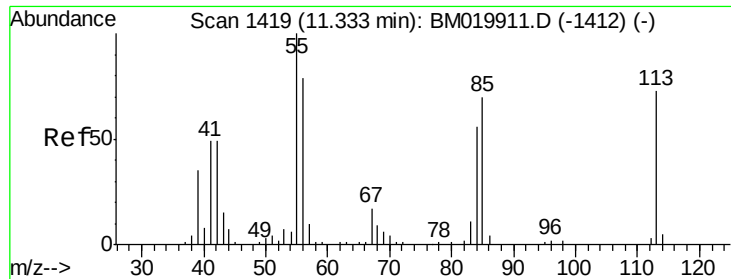
#34
Hexachlorobutadiene
Concen: 83.459 ng
RT: 10.62 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:	225	Resp:	484113
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	64.6	51.0	76.6



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





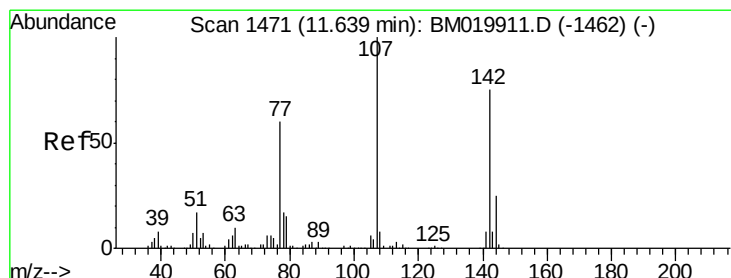
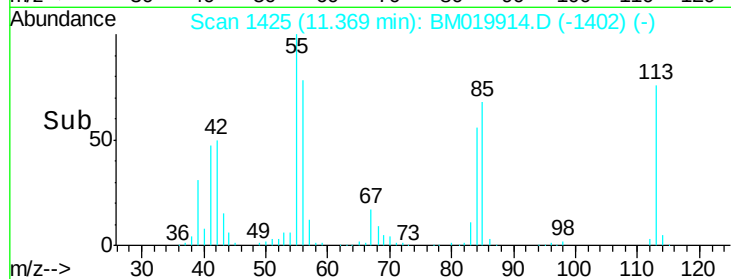
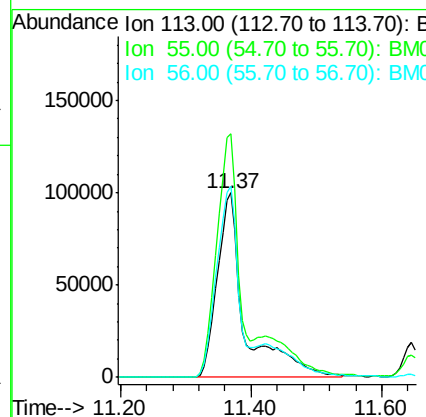
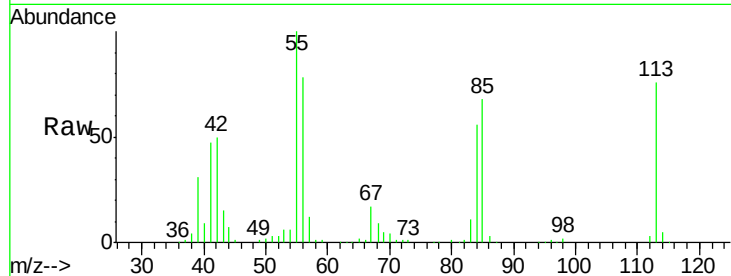
#35
 Caprolactam
 Concen: 91.802 ng m
 RT: 11.37 min Scan# 1425
 Delta R.T. 0.04 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	293148		
55	132.0	117.1	157.1	
56	103.6	88.2	128.2	

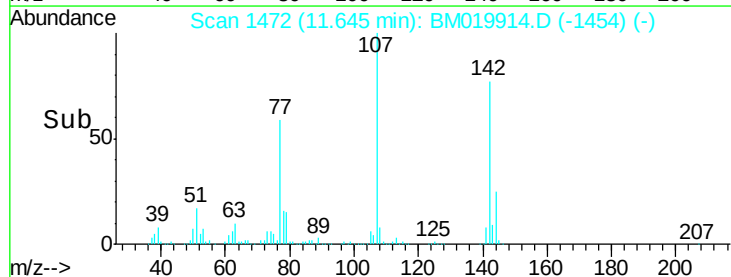
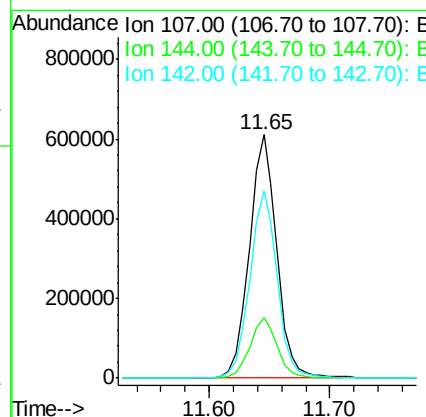
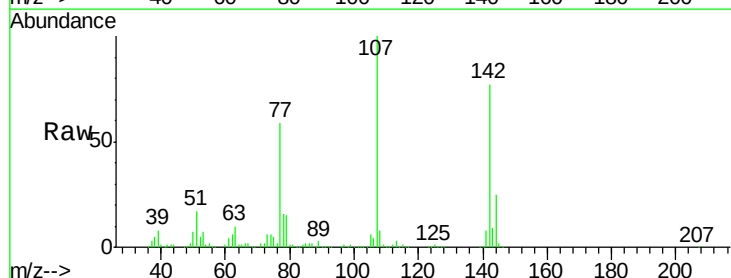
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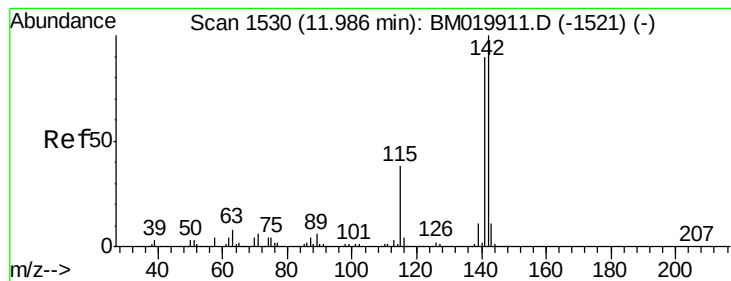
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#36
 4-Chloro-3-methylphenol
 Concen: 87.401 ng
 RT: 11.65 min Scan# 1472
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	966740		
144	24.6	19.8	29.8	
142	76.8	60.3	90.5	





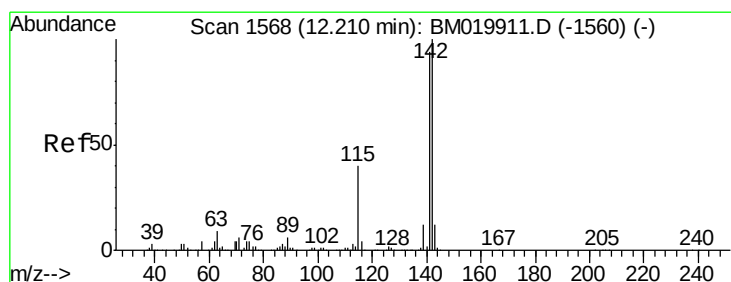
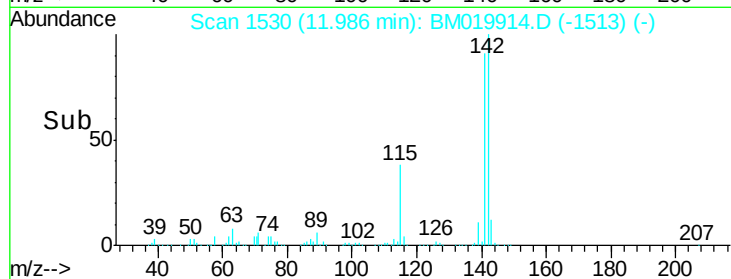
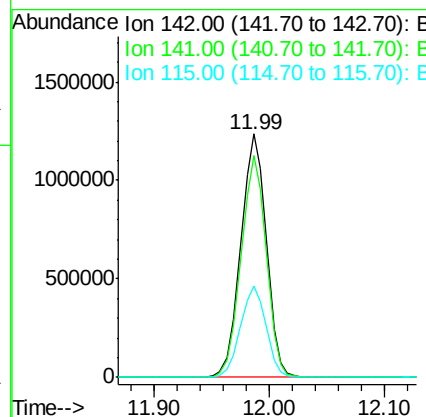
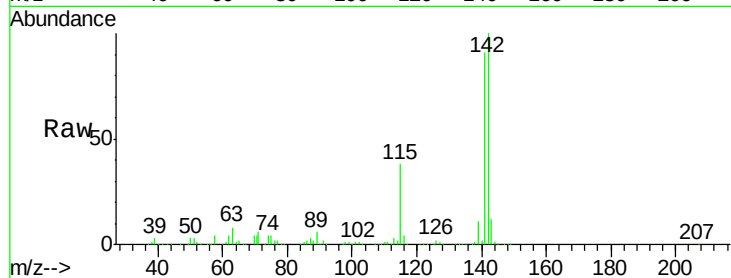
#37
2-Methylnaphthalene
Concen: 82.495 ng
RT: 11.99 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5
115	37.6	30.5	45.7

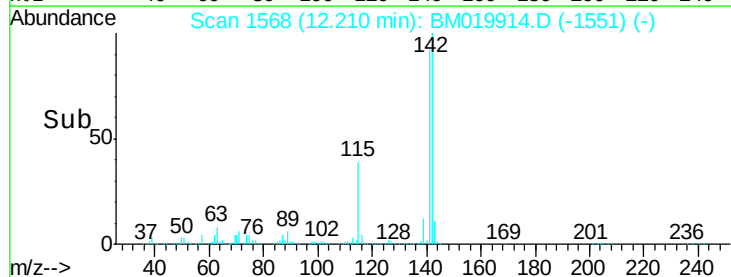
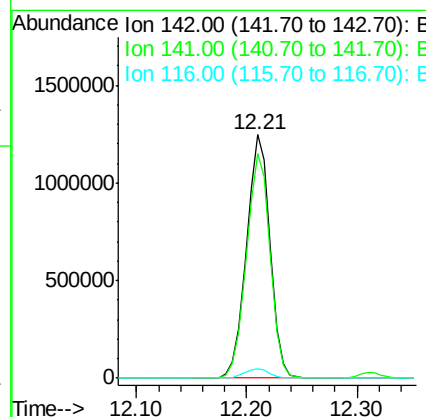
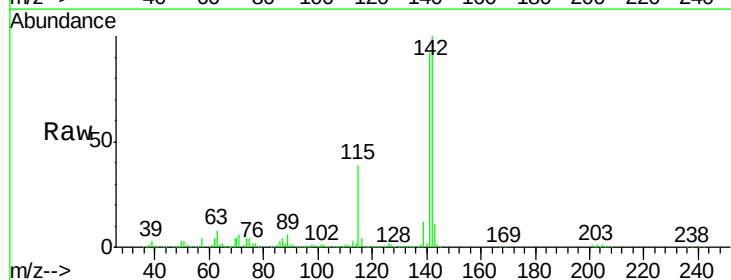
Manual Integrations
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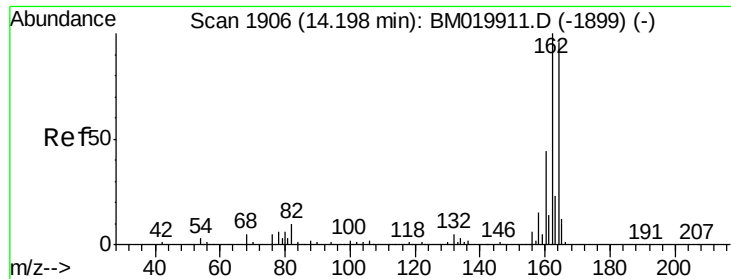
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#38
1-Methylnaphthalene
Concen: 82.629 ng
RT: 12.21 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.7	113.5
116	4.1	3.4	5.2





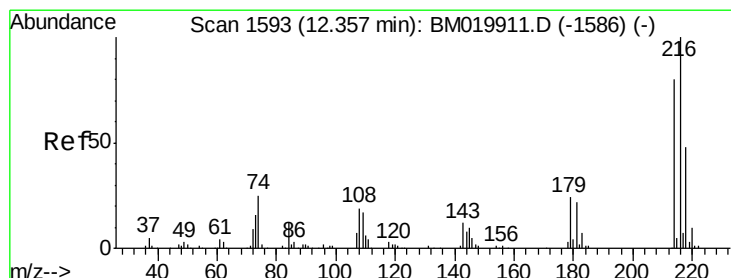
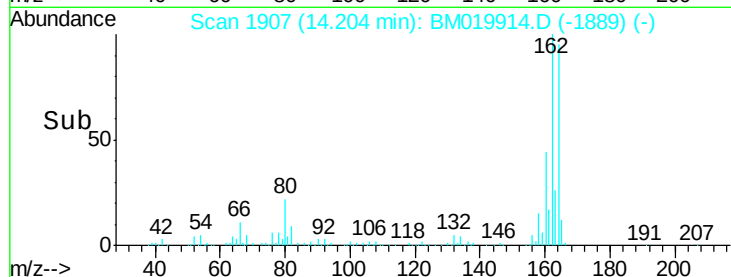
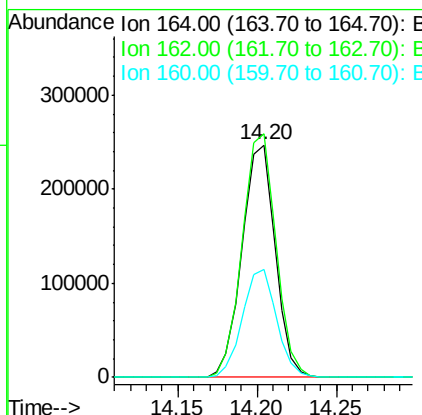
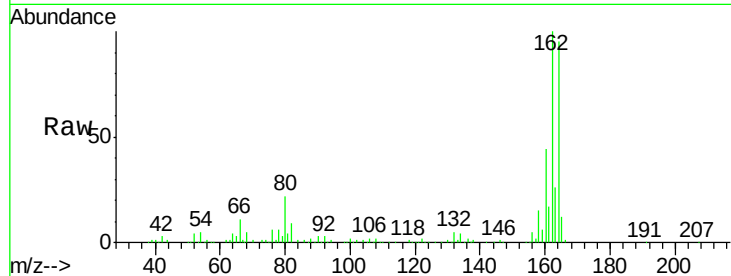
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1907
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	359430		
162	104.8	83.0	124.4	
160	46.3	36.6	55.0	

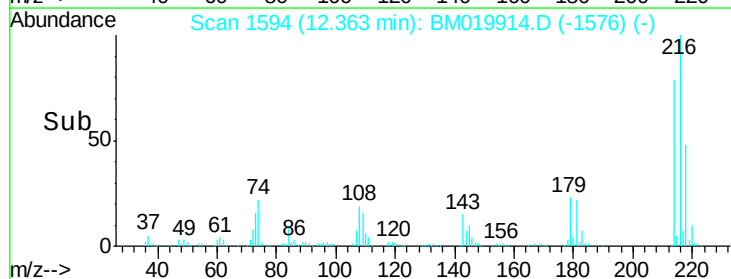
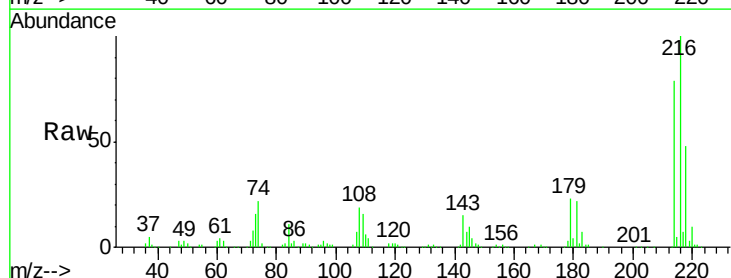
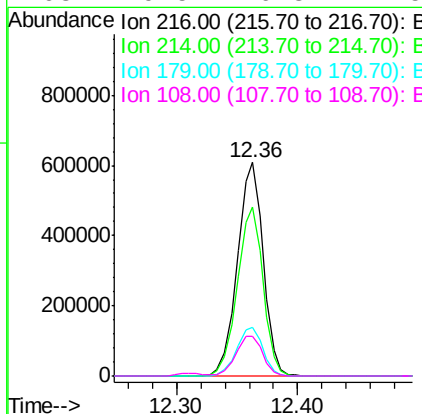
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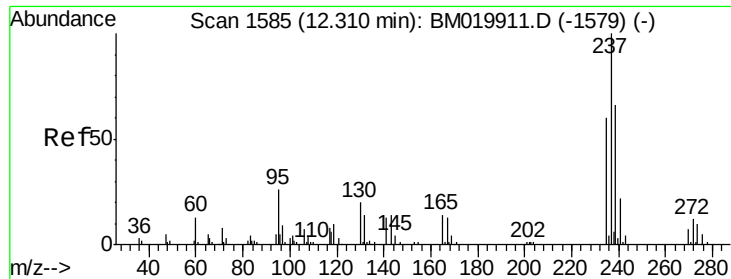
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 79.623 ng
 RT: 12.36 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	905289		
214	79.0	63.1	94.7	
179	23.4	19.0	28.6	
108	19.5	16.3	24.5	





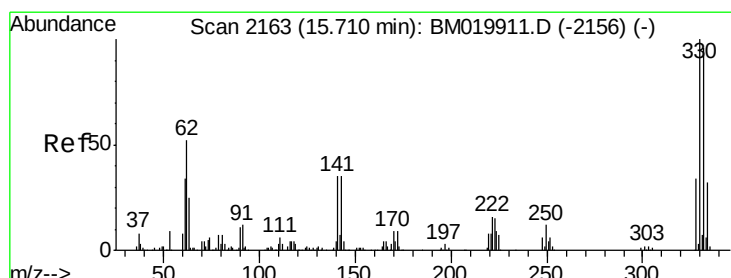
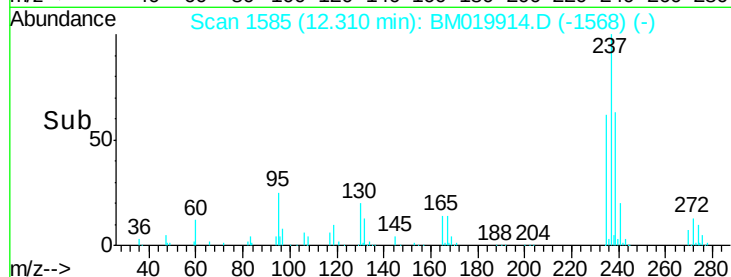
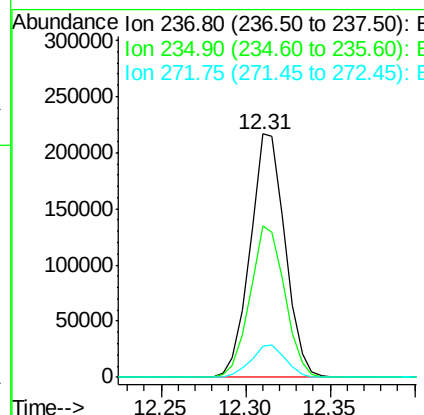
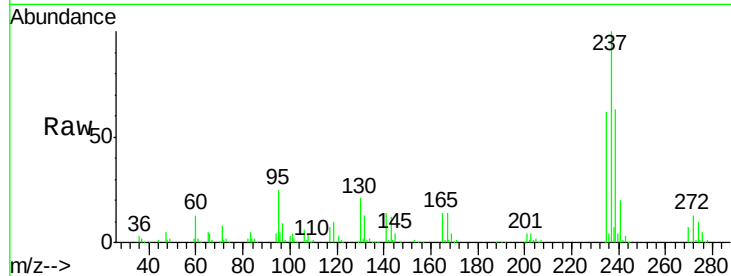
#41
Hexachlorocyclopentadiene
Concen: 60.513 ng
RT: 12.31 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	40.4	80.4
272	12.8	0.0	32.3

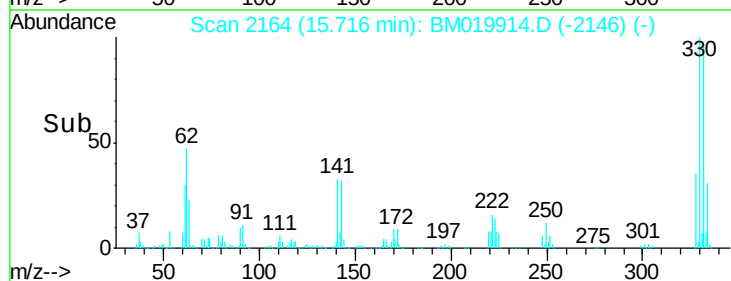
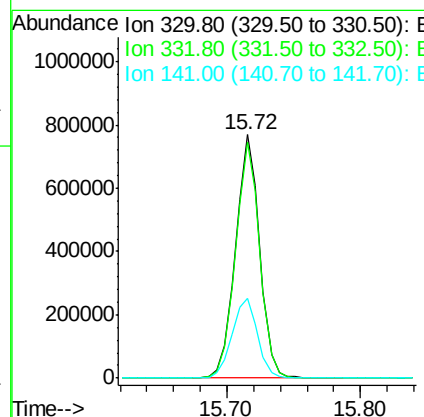
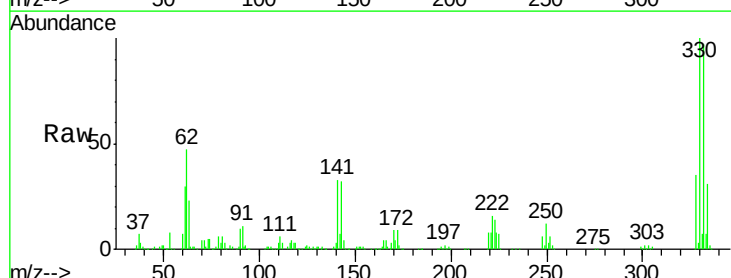
Manual Integrations
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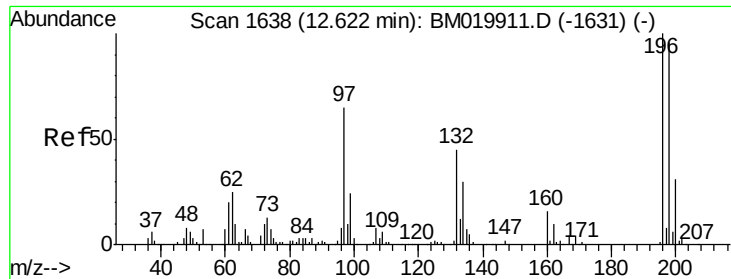
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#42
2,4,6-Tribromophenol
Concen: 182.900 ng
RT: 15.72 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	77.4	116.2
141	34.7	29.0	43.4





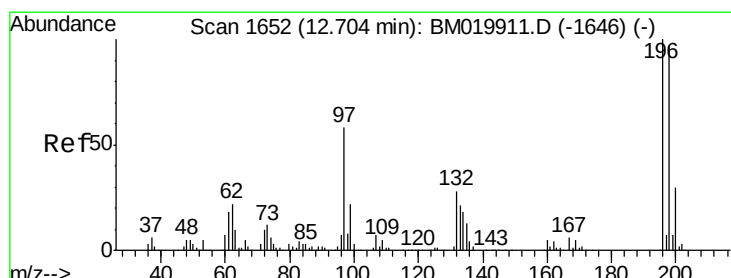
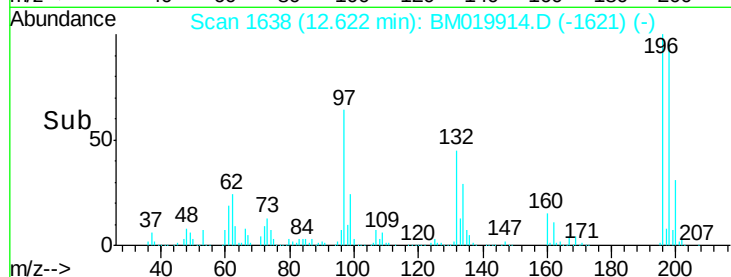
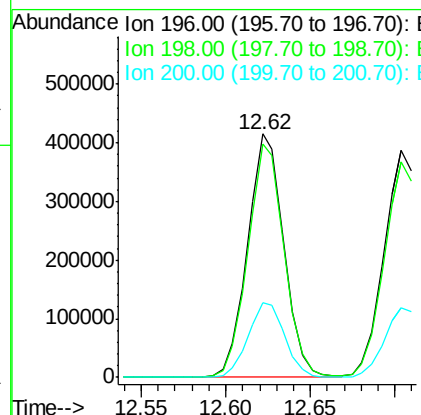
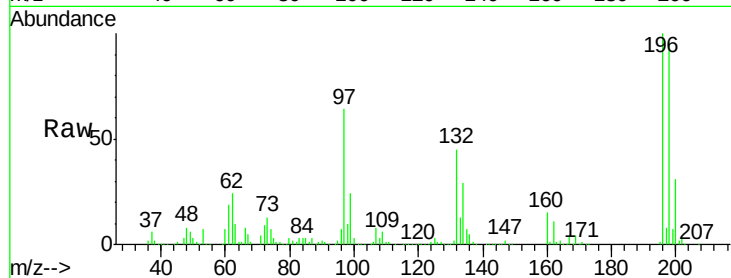
#43
 2,4,6-Trichlorophenol
 Concen: 84.349 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	619759		
198	95.8	76.8	115.2	
200	30.6	24.6	37.0	

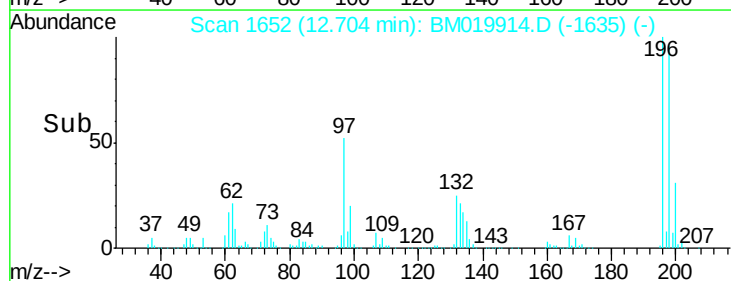
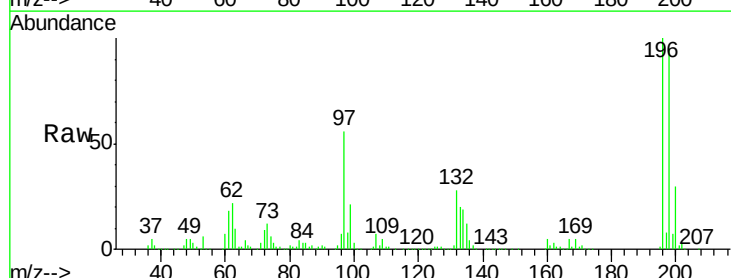
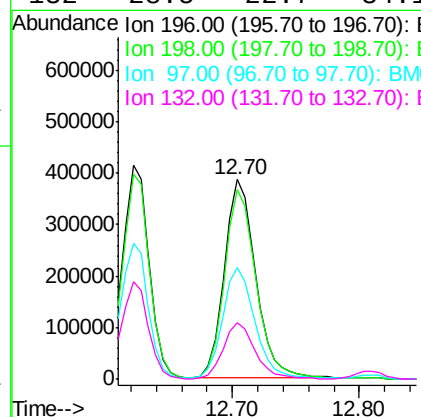
Manual Integrations
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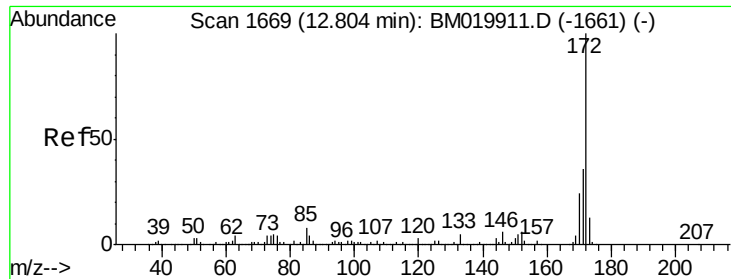
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#44
 2,4,5-Trichlorophenol
 Concen: 83.701 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	657639		
198	95.0	77.8	116.8	
97	56.1	46.2	69.2	
132	28.5	22.7	34.1	





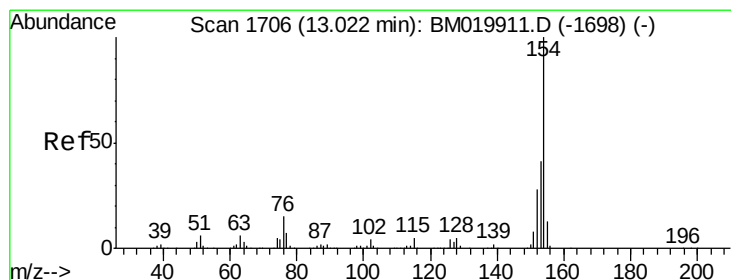
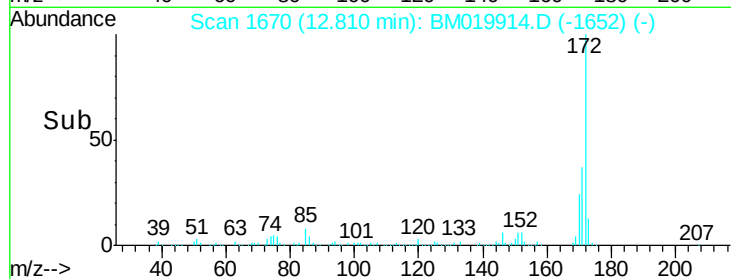
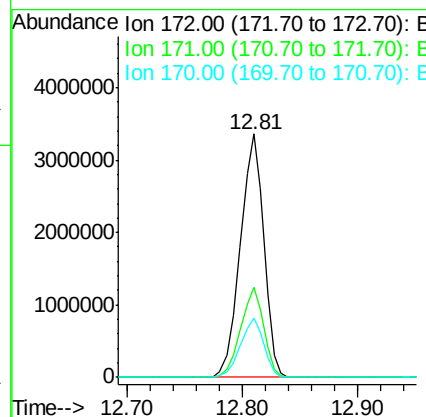
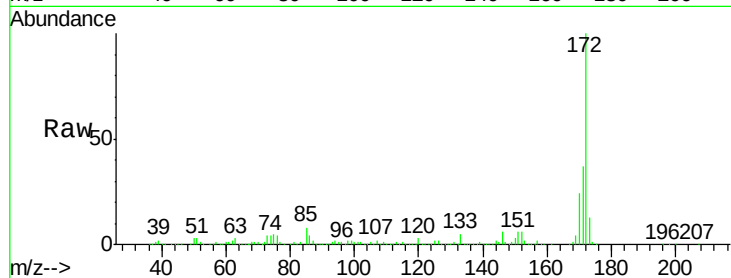
#45
 2-Fluorobiphenyl
 Concen: 170.542 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:172 Resp: 4712452
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 24.4 19.0 28.4

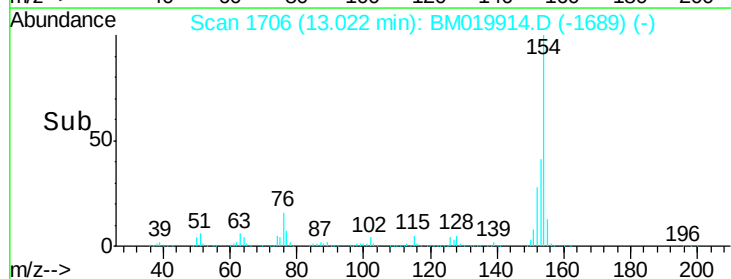
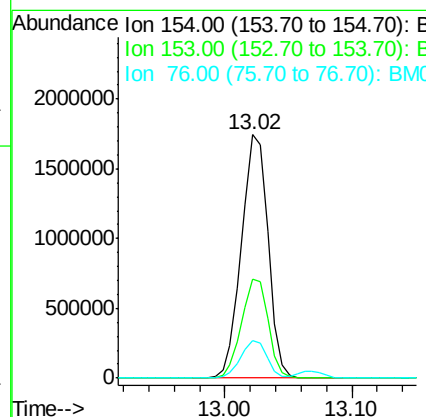
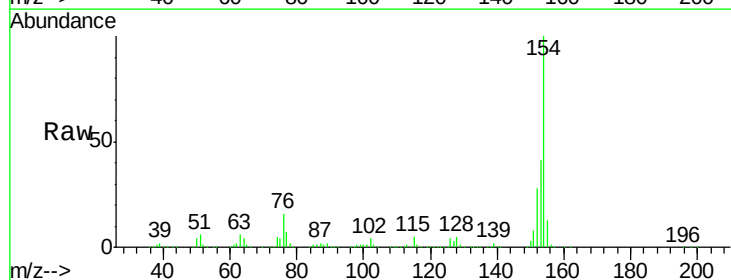
Manual Integrations
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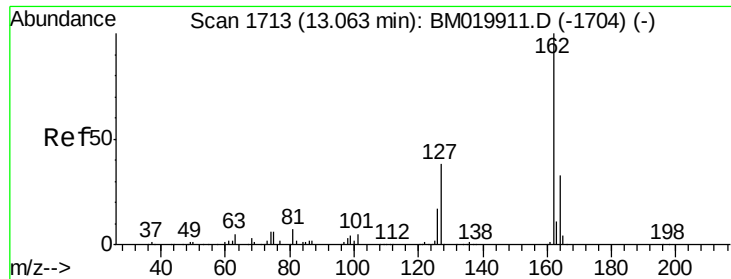
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#46
 1,1'-Biphenyl
 Concen: 80.552 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion:154 Resp: 2528495
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.0 61.0
 76 15.6 0.0 34.8





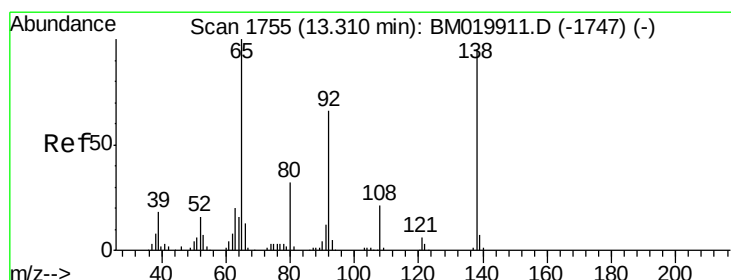
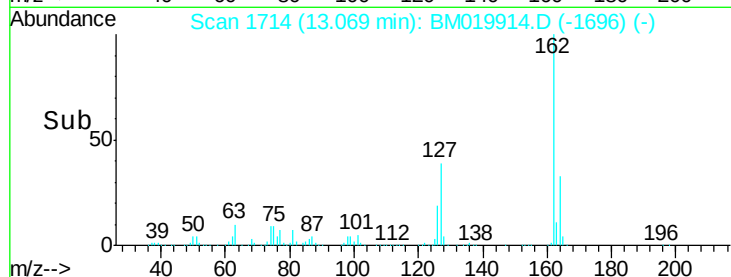
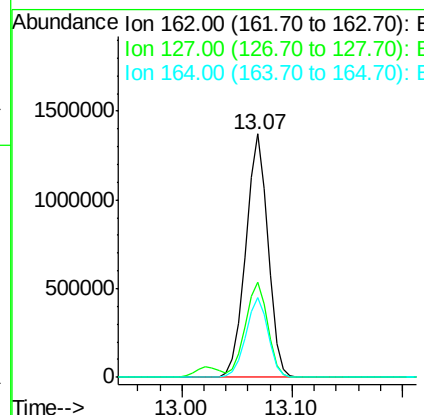
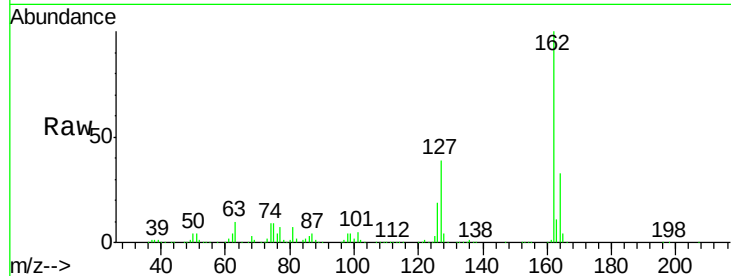
#47
 2-Chloronaphthalene
 Concen: 82.777 ng
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.3	48.5
164	32.7	26.3	39.5

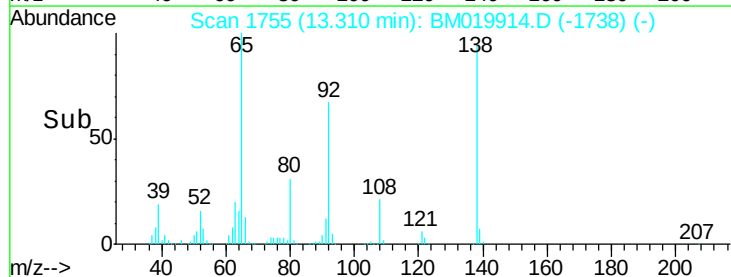
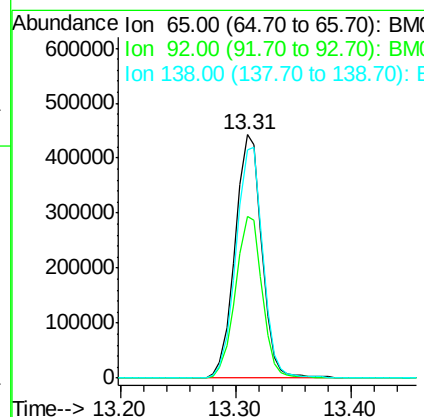
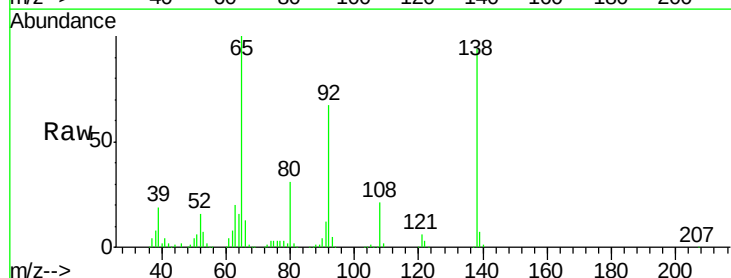
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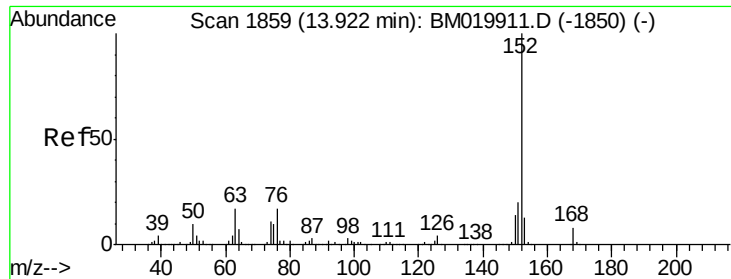
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#48
 2-Nitroaniline
 Concen: 90.862 ng
 RT: 13.31 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.9	79.3
138	93.9	75.8	113.6





#49

Acenaphthylene

Concen: 85.509 ng

RT: 13.93 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion:152 Resp: 3387593

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

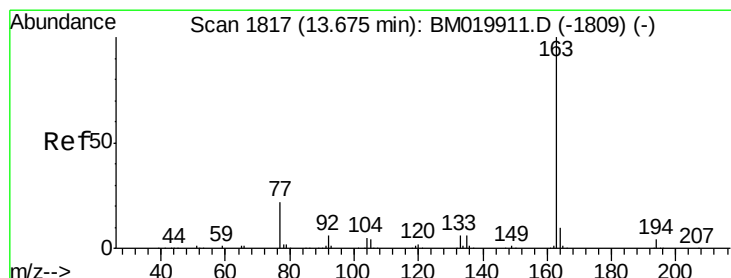
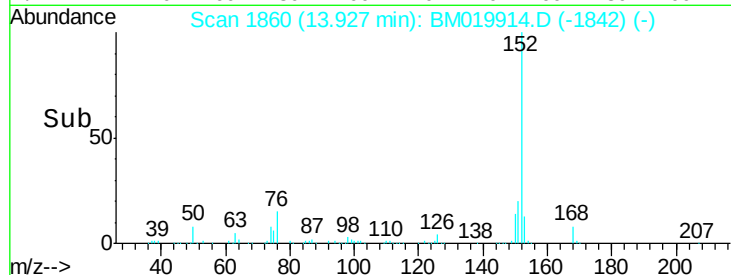
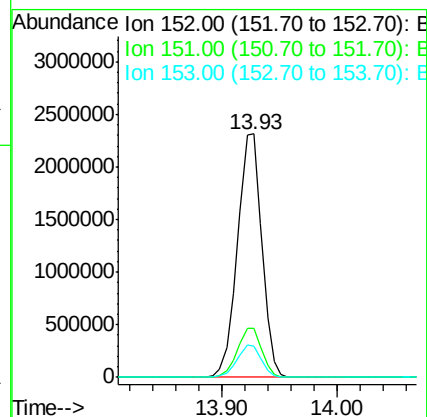
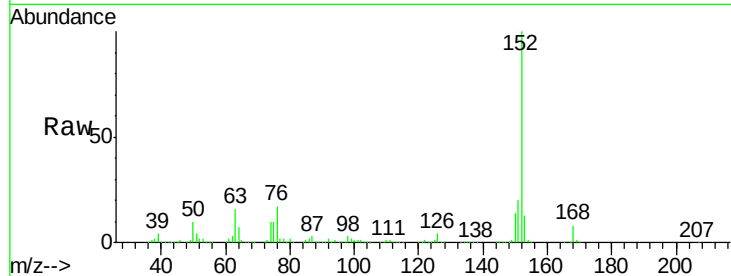
153 12.9 10.6 16.0

Manual Integrations

APPROVED

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#50

Dimethylphthalate

Concen: 83.267 ng

RT: 13.68 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

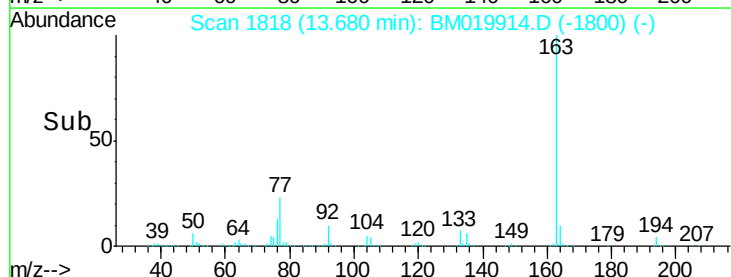
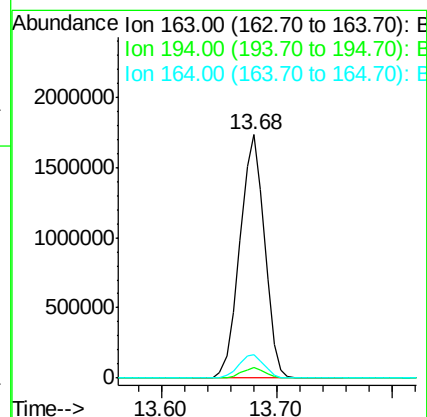
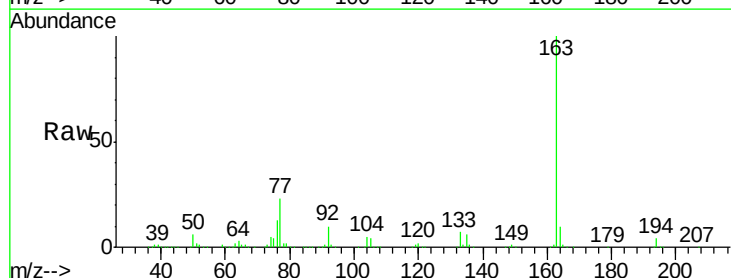
Tgt Ion:163 Resp: 2560256

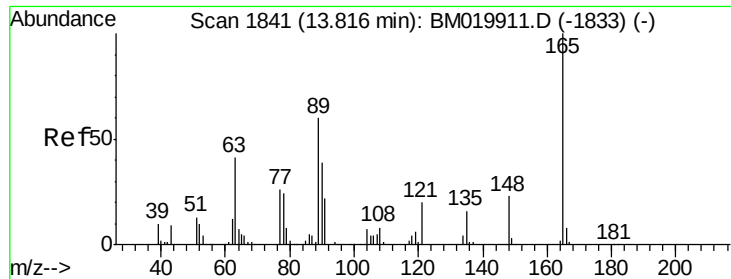
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 7.9 11.9





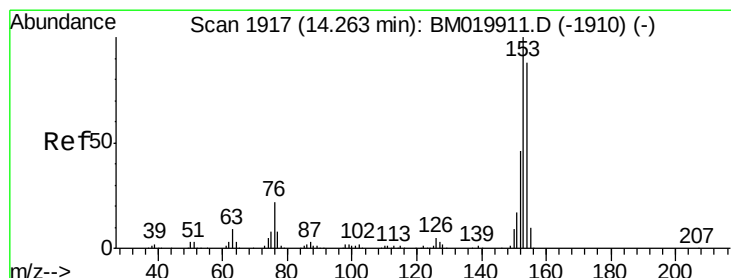
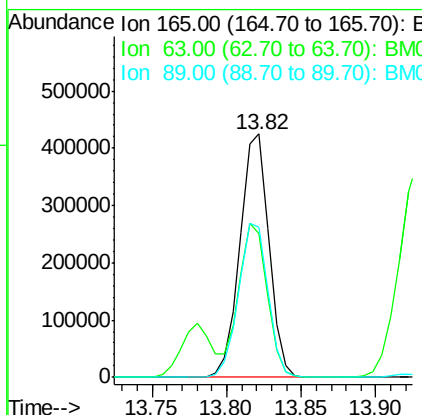
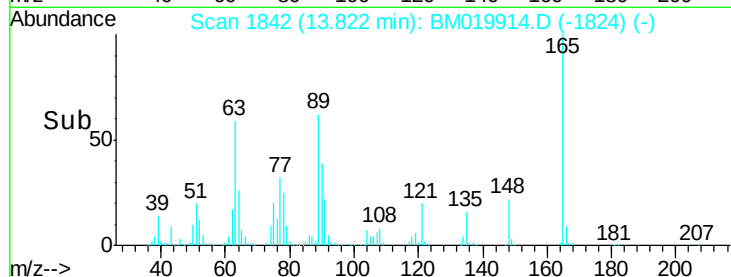
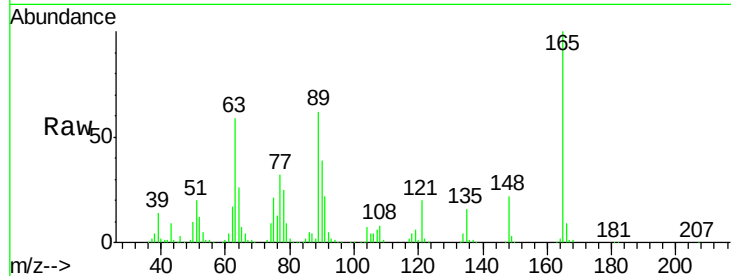
#51
 2,6-Dinitrotoluene
 Concen: 86.168 ng
 RT: 13.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	572740		
63	58.8	48.5	72.7	
89	61.5	48.2	72.4	

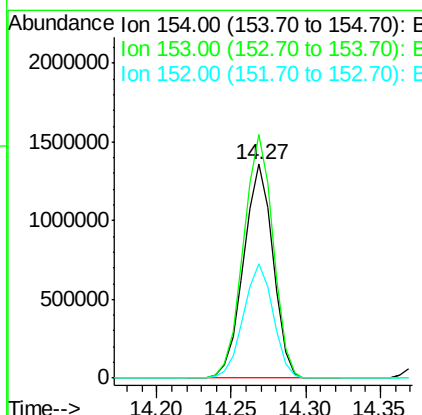
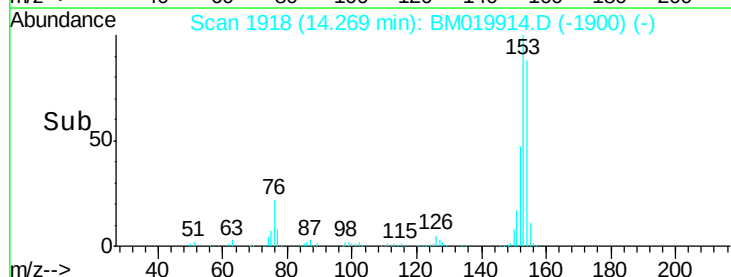
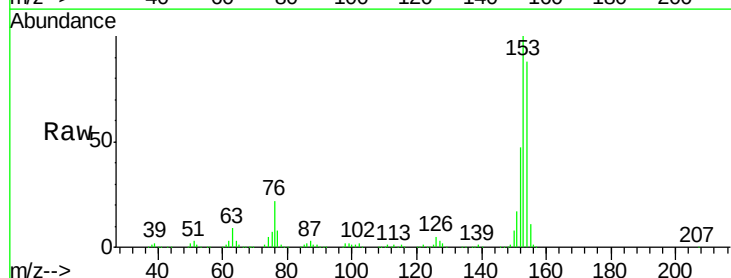
Manual Integrations
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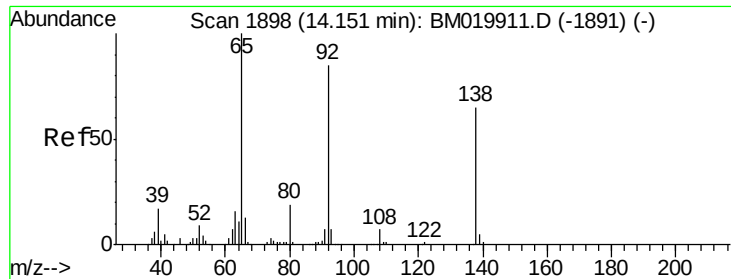
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#52
 Acenaphthene
 Concen: 81.492 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1855107		
153	113.8	91.0	136.4	
152	53.6	42.2	63.2	





#53

3-Nitroaniline

Concen: 84.228 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

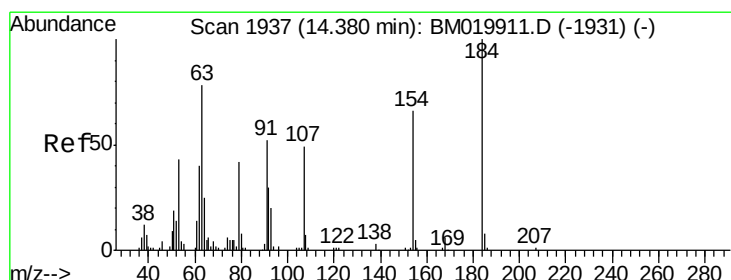
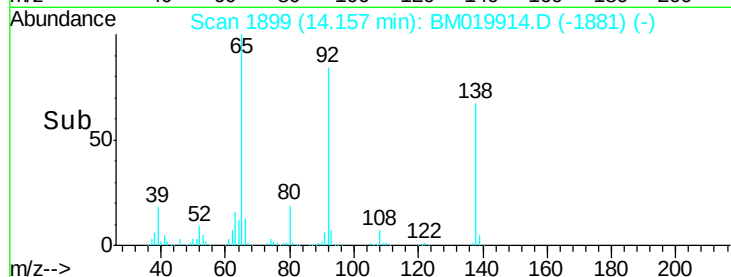
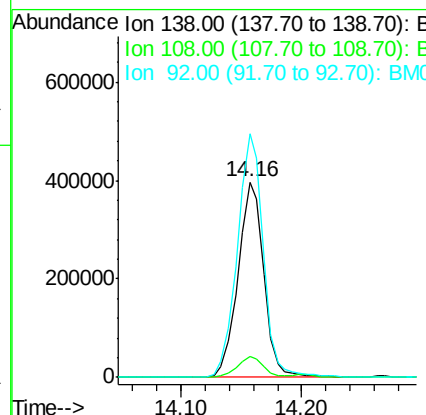
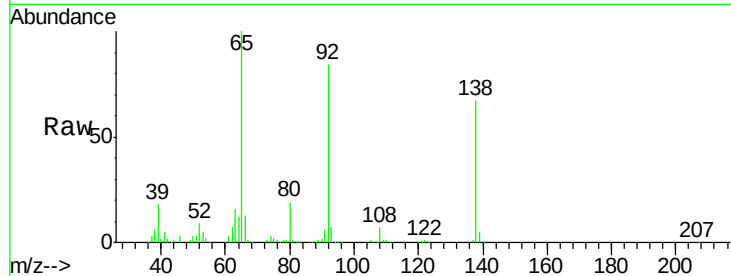
ClientSampleId :

SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	592945		
108	10.9	8.9	13.3	
92	124.8	103.8	155.8	

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#54

2,4-Dinitrophenol

Concen: 86.129 ng

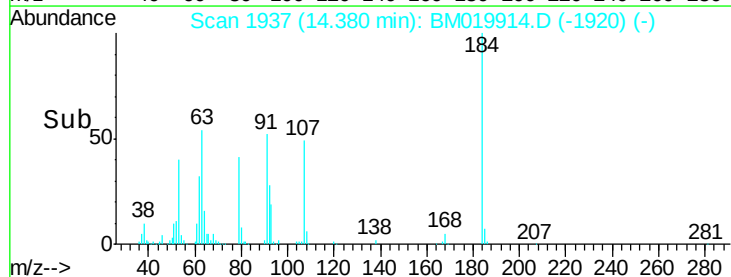
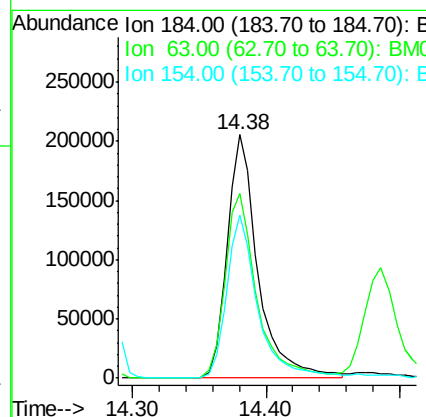
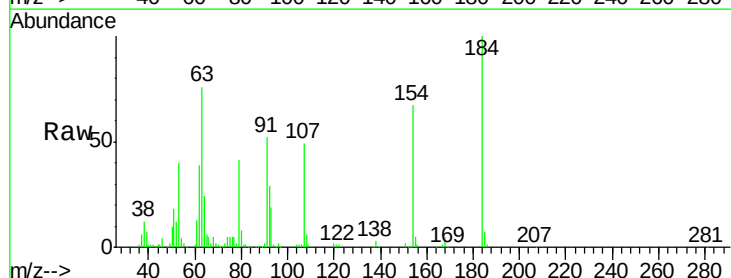
RT: 14.38 min Scan# 1937

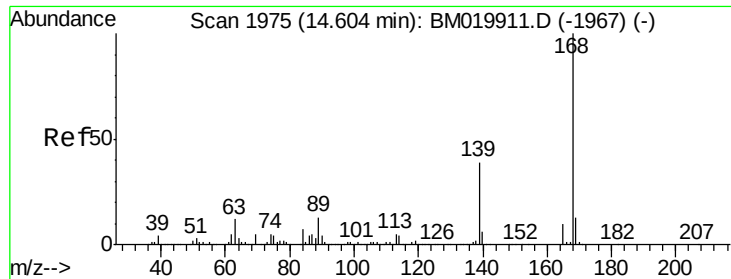
Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	332462		
63	76.0	62.3	93.5	
154	67.1	53.0	79.6	





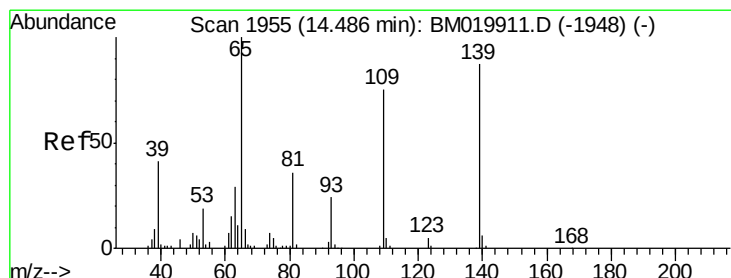
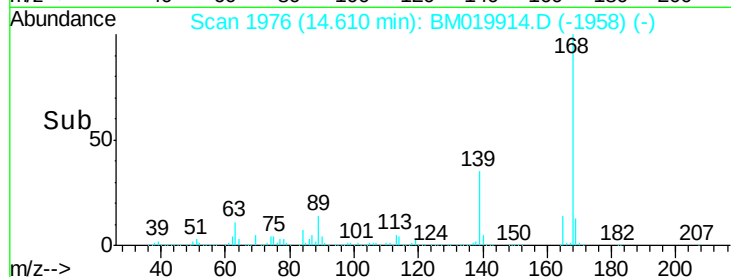
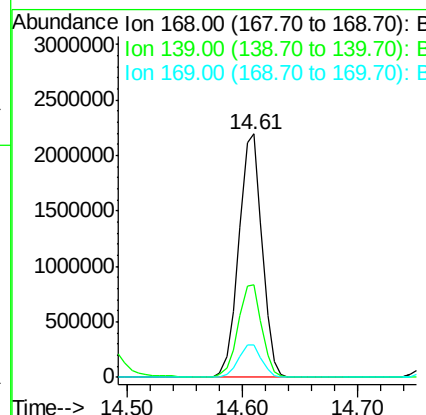
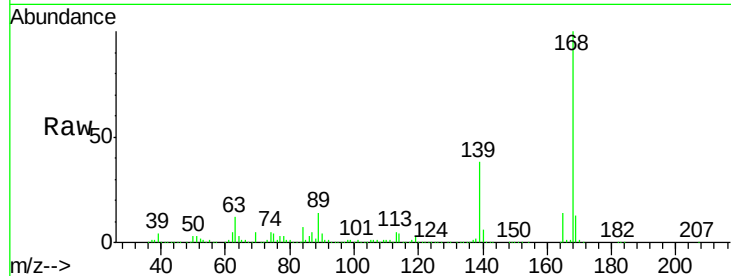
#55
Dibenzofuran
Concen: 83.063 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tgt Ion:168 Resp: 3049389
Ion Ratio Lower Upper
168 100
139 38.0 31.5 47.3
169 13.1 10.6 16.0

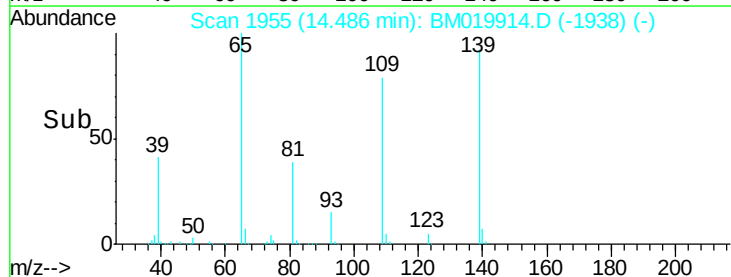
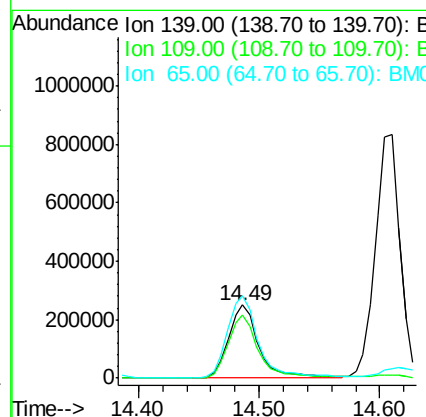
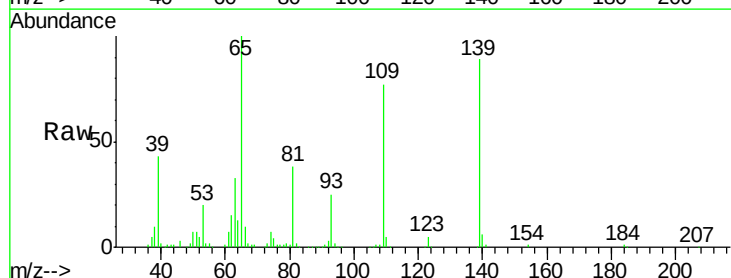
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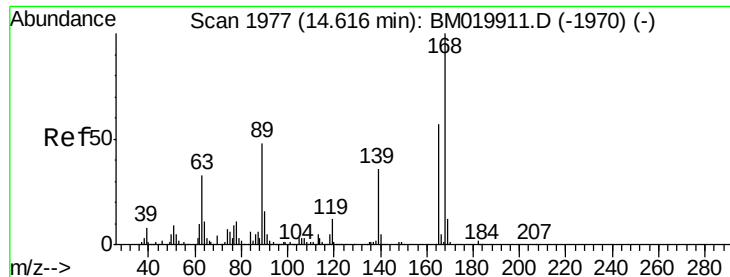
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#56
4-Nitrophenol
Concen: 76.481 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:139 Resp: 439592
Ion Ratio Lower Upper
139 100
109 86.4 65.3 105.3
65 112.8 94.9 134.9





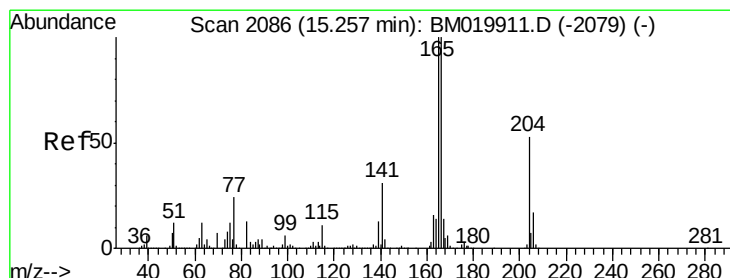
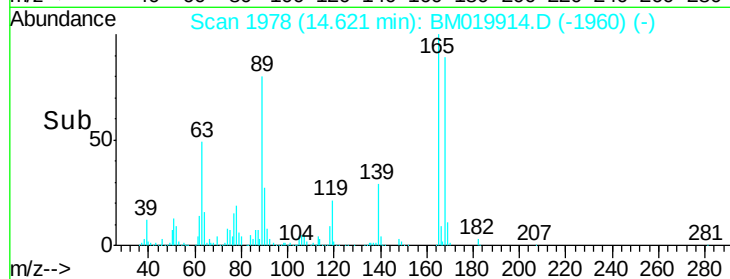
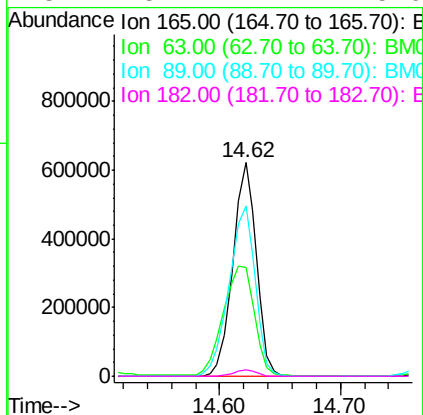
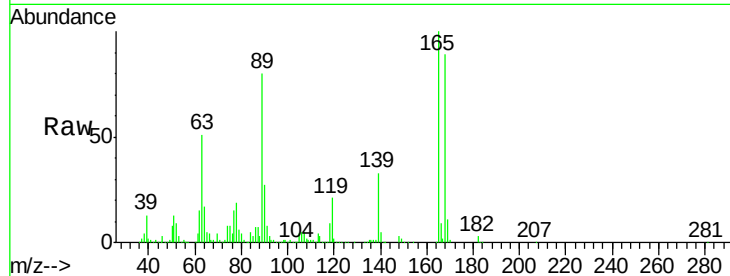
#57
2,4-Dinitrotoluene
Concen: 87.292 ng
RT: 14.62 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	842217		
63	50.8	46.0	69.0	
89	79.8	67.5	101.3	
182	3.1	2.4	3.6	

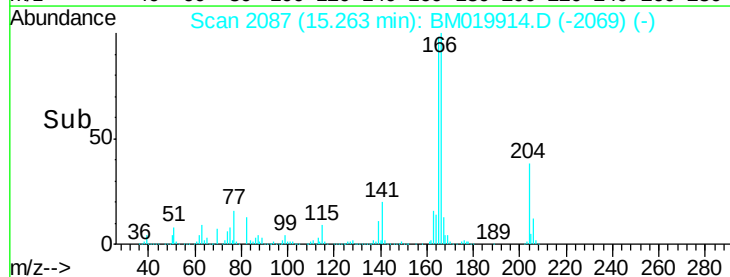
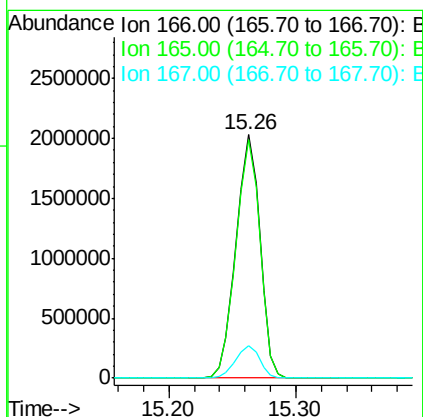
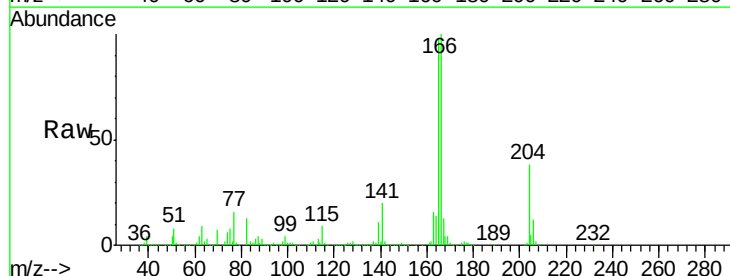
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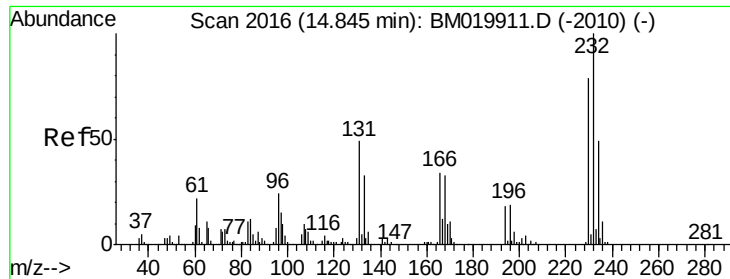
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#58
Fluorene
Concen: 87.715 ng
RT: 15.26 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2654294		
165	97.8	80.1	120.1	
167	13.5	11.0	16.4	





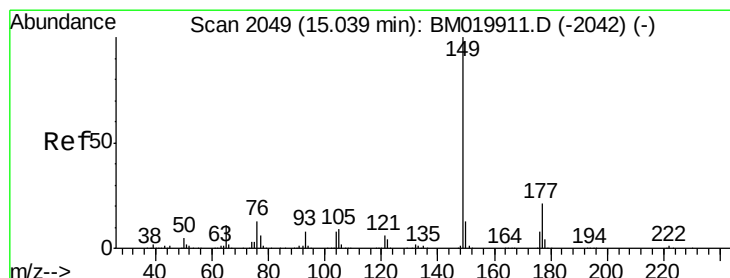
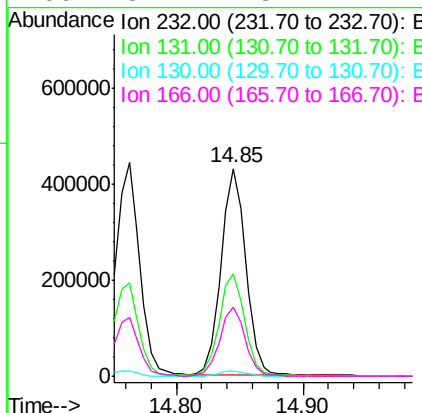
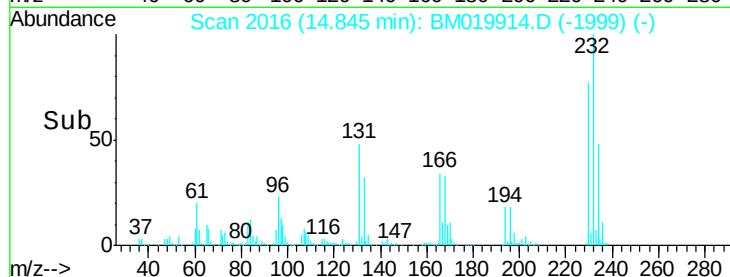
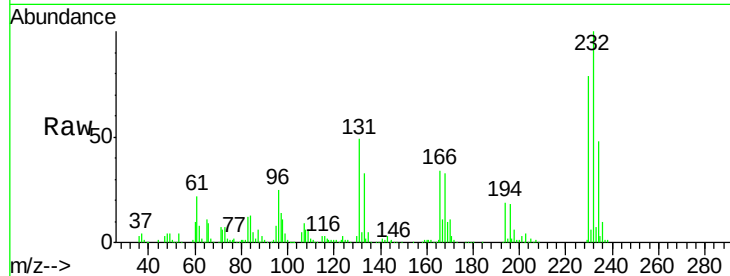
#59
2,3,4,6-Tetrachlorophenol
Concen: 80.287 ng
RT: 14.85 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	587259		
131	50.6	42.1	63.1	
130	2.8	2.2	3.4	
166	34.2	28.1	42.1	

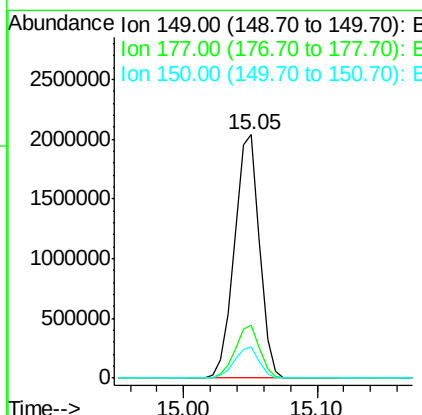
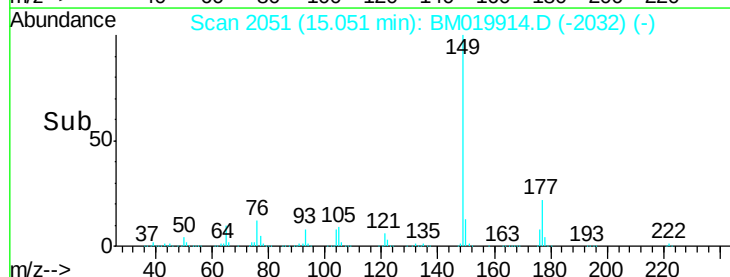
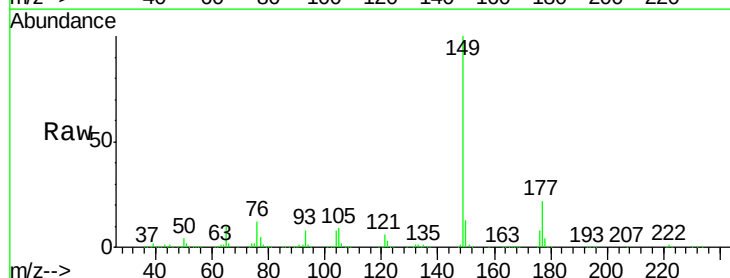
Manual Integrations
APPROVED

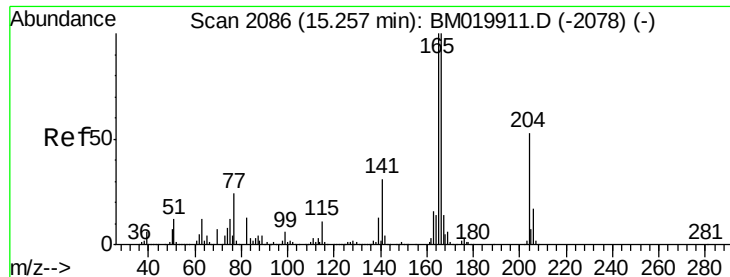
Sohil
4/16/2019 5:25:36 PM



#60
Diethylphthalate
Concen: 85.493 ng
RT: 15.05 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2662330		
177	22.0	16.6	25.0	
150	12.5	10.0	15.0	





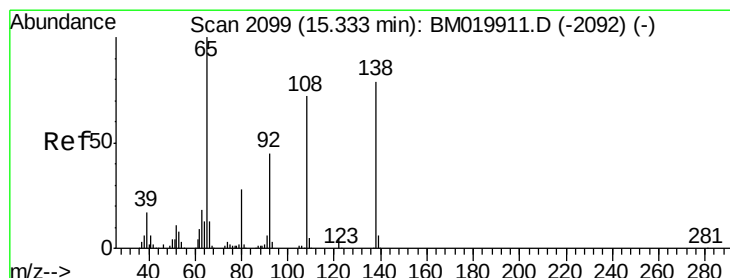
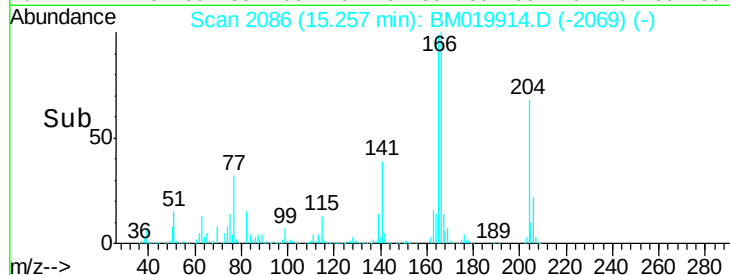
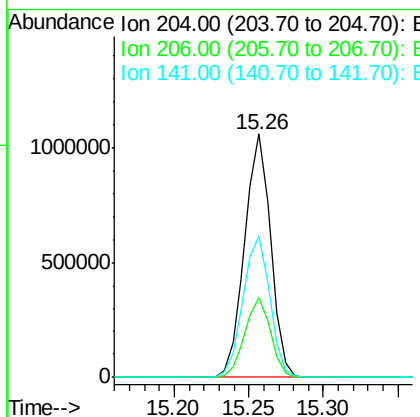
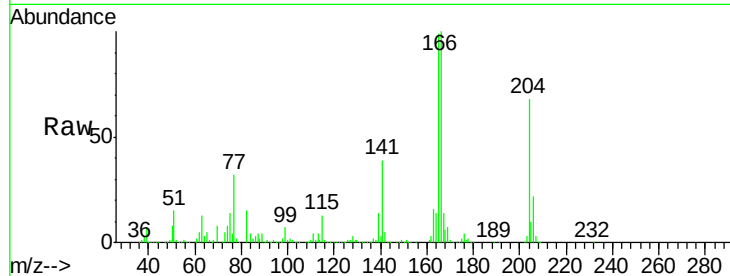
#61
 4-Chlorophenyl-phenylether
 Concen: 87.210 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	58.0	47.0	70.4

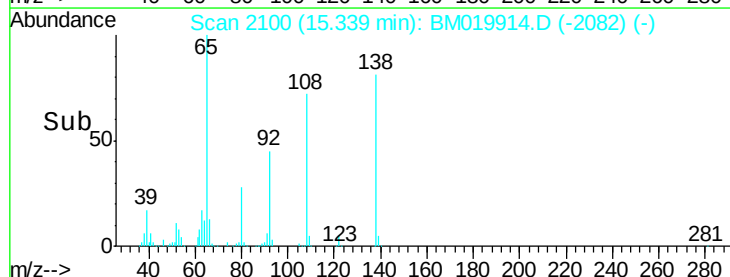
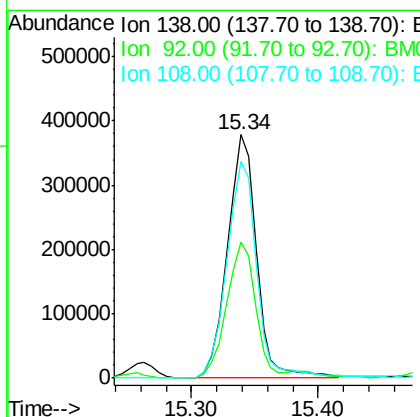
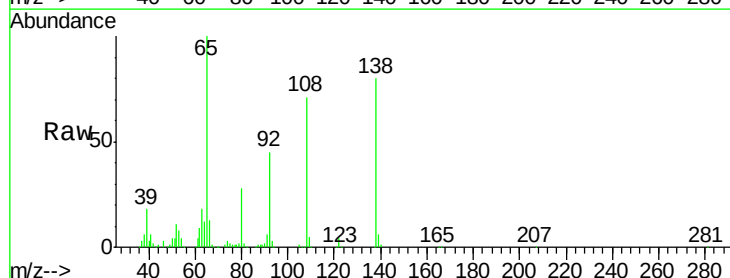
Manual Integrations
 APPROVED

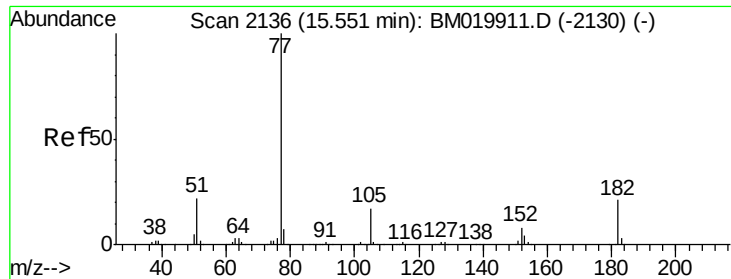
Sohil
 4/16/2019 5:25:36 PM



#62
 4-Nitroaniline
 Concen: 84.630 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	36.8	76.8
108	89.0	71.5	111.5





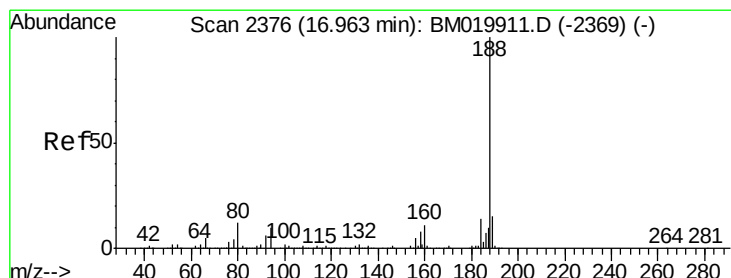
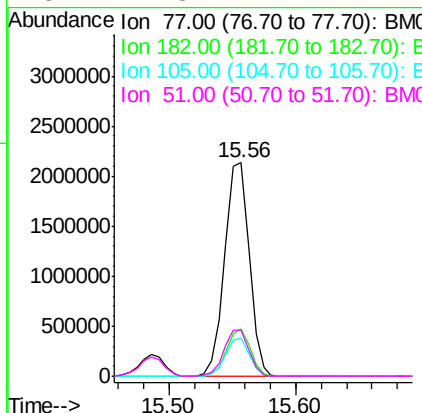
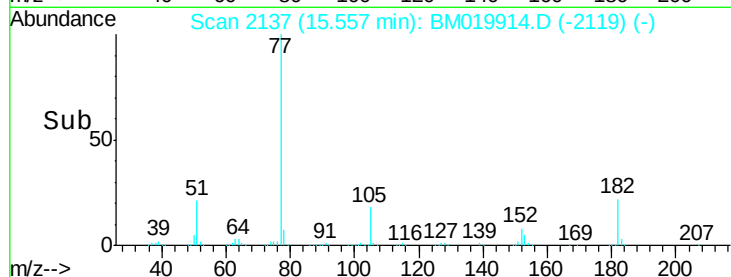
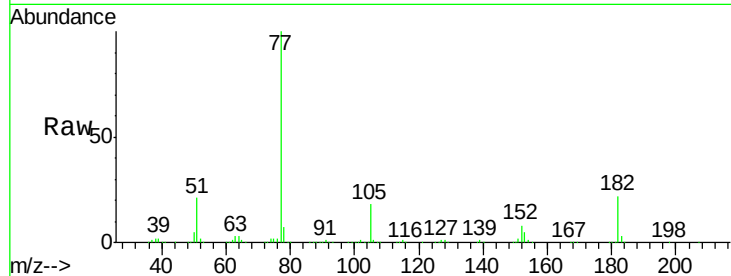
#63
Azobenzene
Concen: 87.569 ng
RT: 15.56 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.1	1.0	41.0	
105	17.7	0.0	37.1	
51	21.3	2.1	42.1	

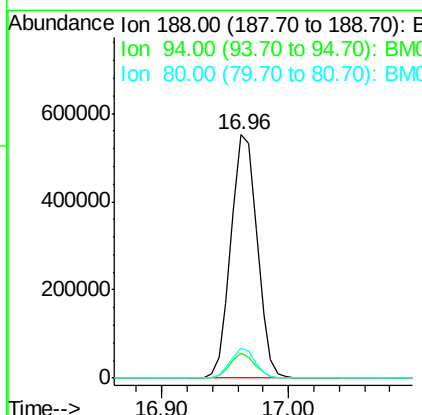
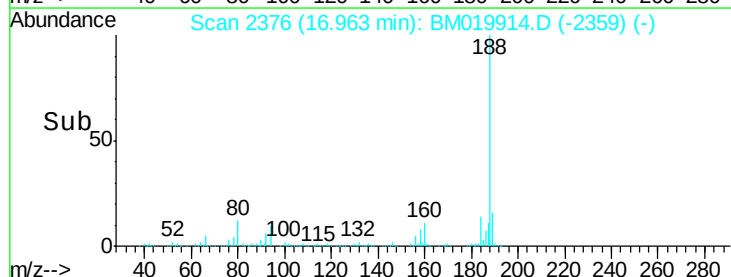
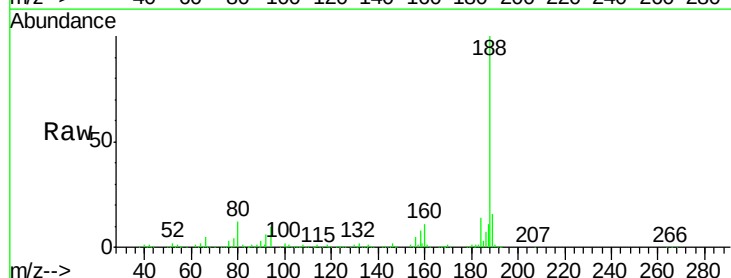
Manual Integrations
APPROVED

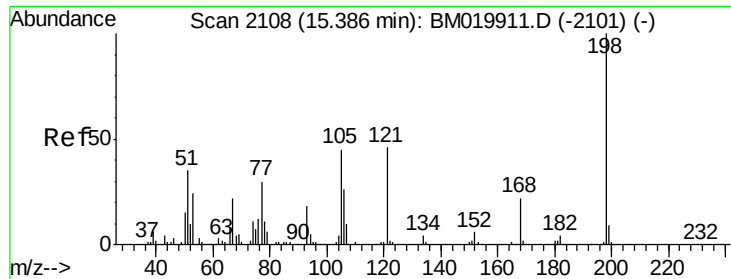
Sohil
4/16/2019 5:25:36 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	7.6	11.4	
80	12.3	9.4	14.0	





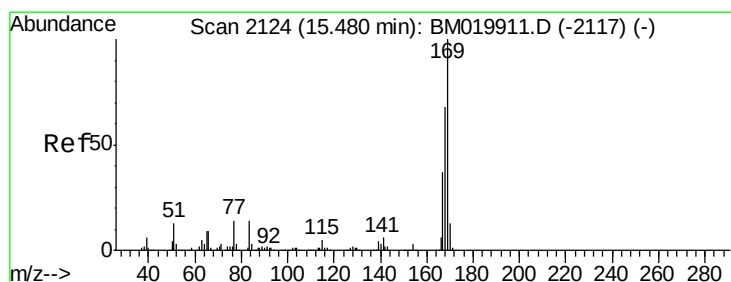
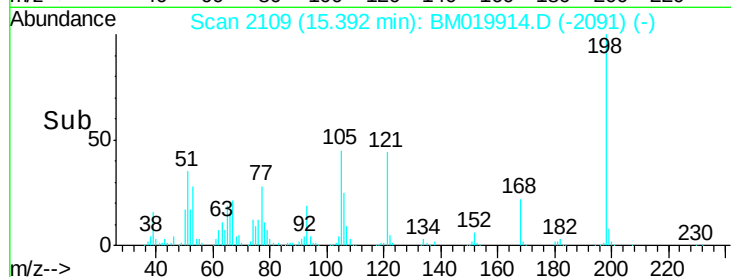
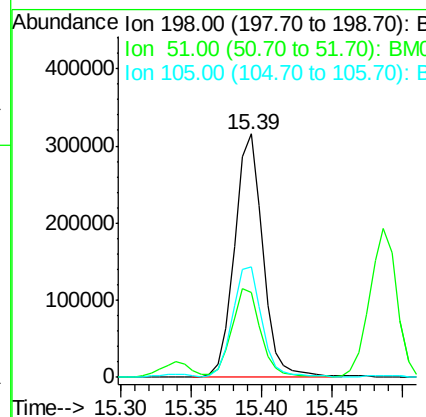
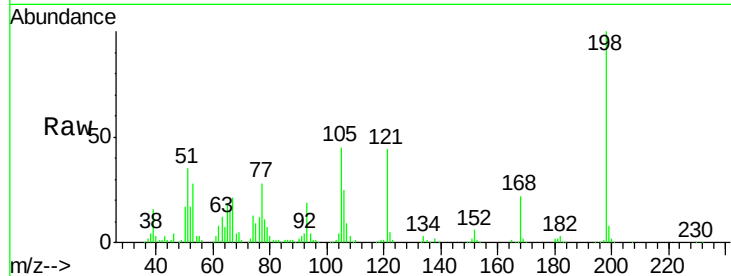
#65
 4,6-Dinitro-2-methylphenol
 Concen: 85.512 ng
 RT: 15.39 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	442078		
51	34.9	17.9	57.9	
105	45.4	26.1	66.1	

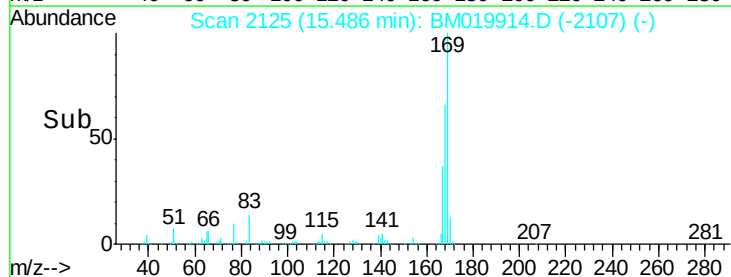
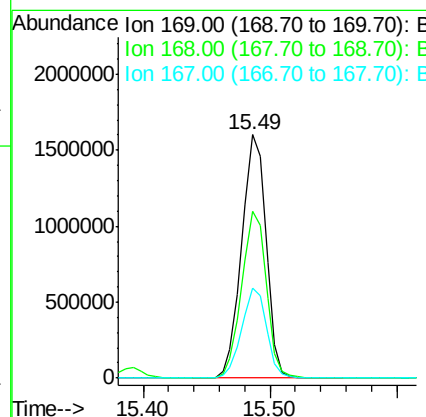
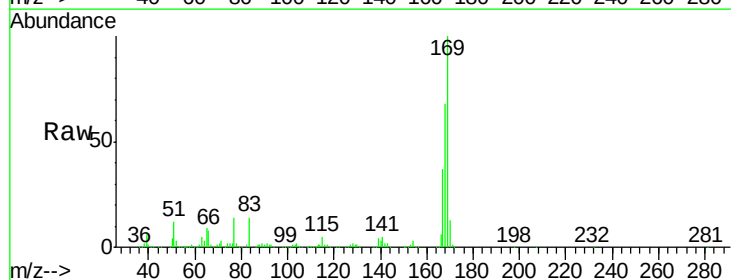
Manual Integrations
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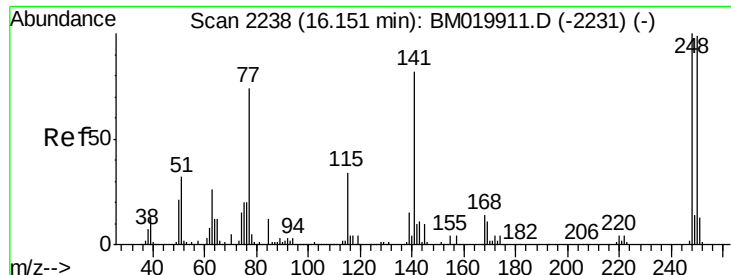
Sohil
 4/16/2019 5:25:36 PM



#66
 n-Nitrosodiphenylamine
 Concen: 84.762 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2128932		
168	68.3	54.7	82.1	
167	36.8	29.4	44.0	





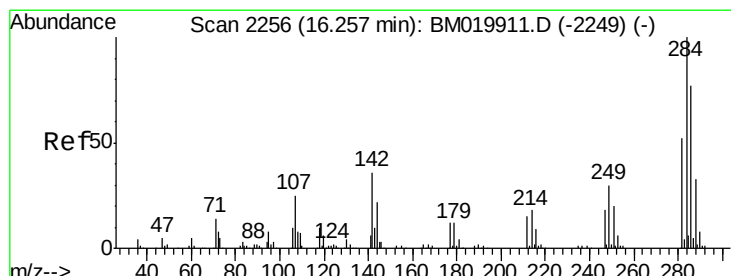
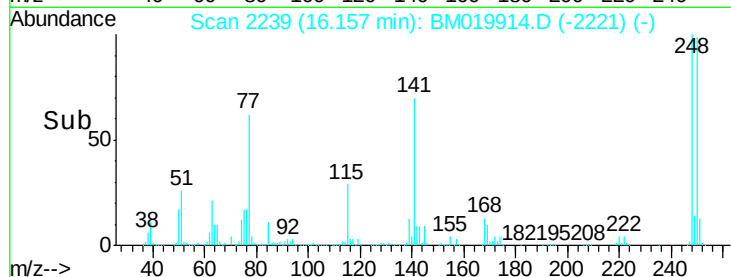
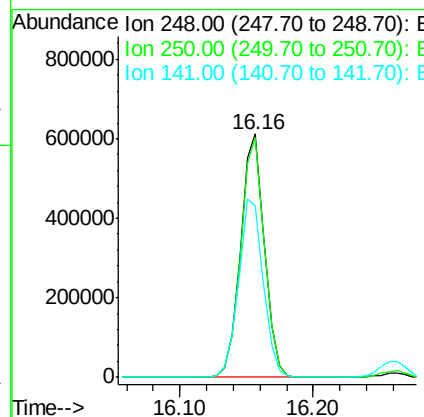
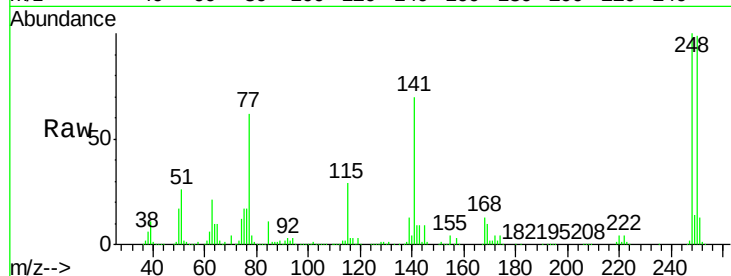
#67
 4-Bromophenyl-phenylether
 Concen: 86.669 ng
 RT: 16.16 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	754005		
250	98.5	78.9	118.3	
141	70.5	65.6	98.4	

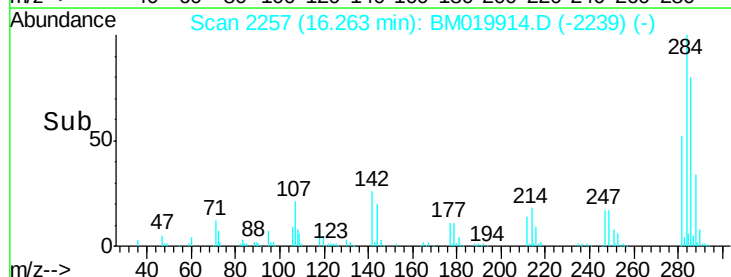
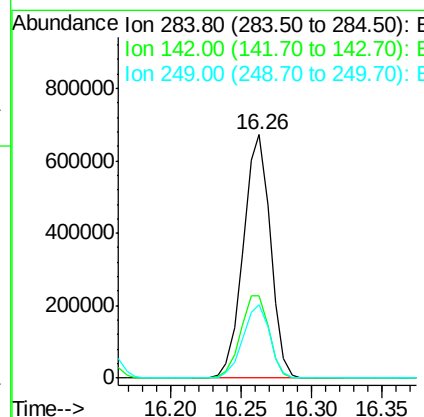
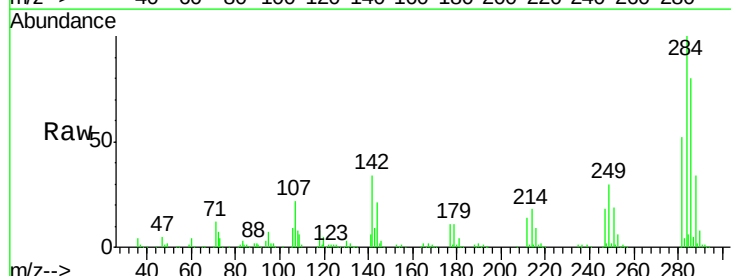
Manual Integrations
 APPROVED

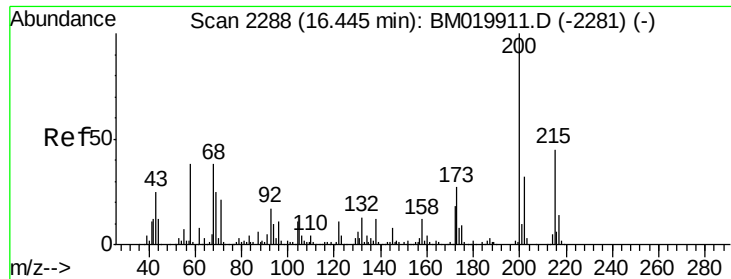
Sohil
 4/16/2019 5:25:36 PM



#68
 Hexachlorobenzene
 Concen: 87.036 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	900219		
142	33.7	28.9	43.3	
249	30.2	23.8	35.6	





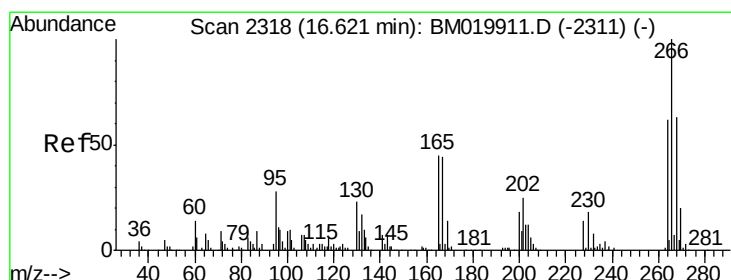
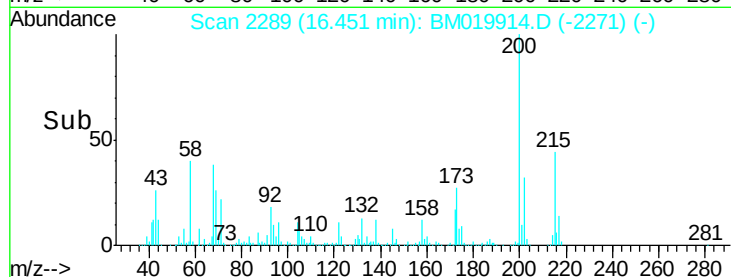
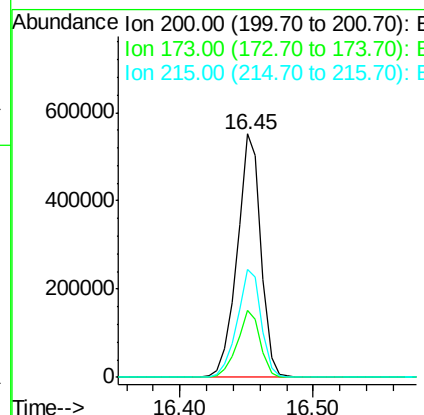
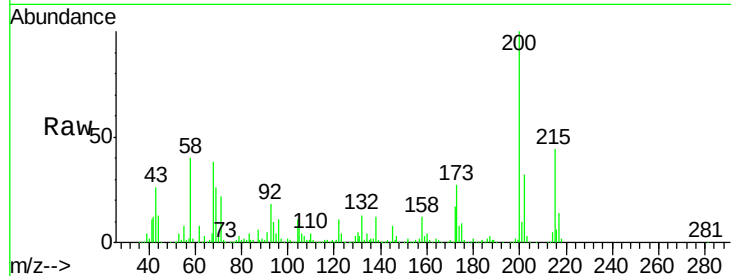
#69
 Atrazine
 Concen: 80.728 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	682543		
173	27.3	7.2	47.2	
215	44.1	25.4	65.4	

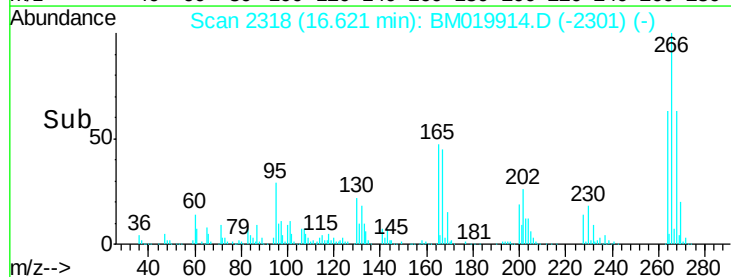
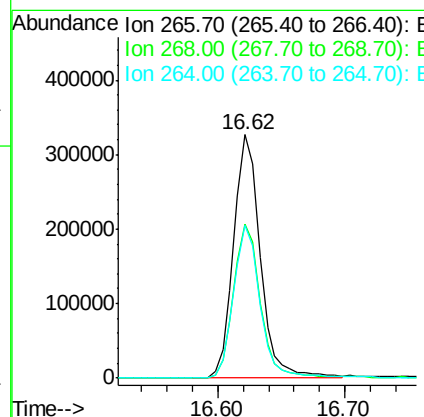
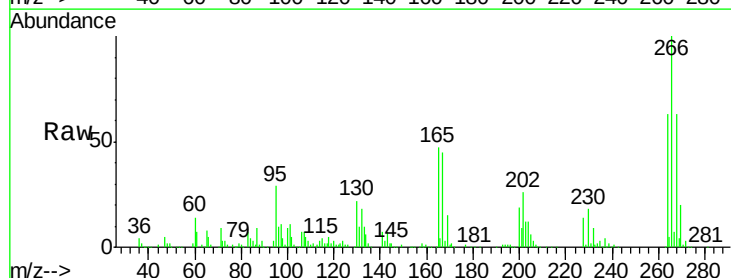
Manual Integrations
 APPROVED

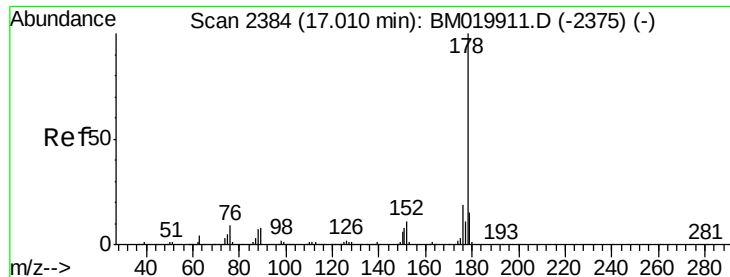
Sohil
 4/16/2019 5:25:36 PM



#70
 Pentachlorophenol
 Concen: 76.522 ng
 RT: 16.62 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	476854		
268	63.3	50.3	75.5	
264	62.7	49.8	74.8	





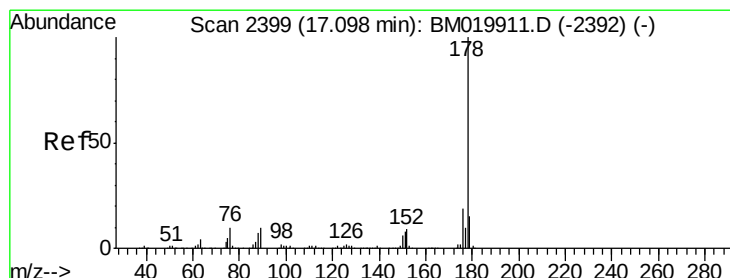
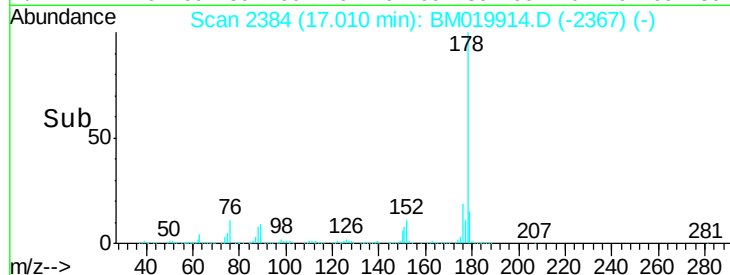
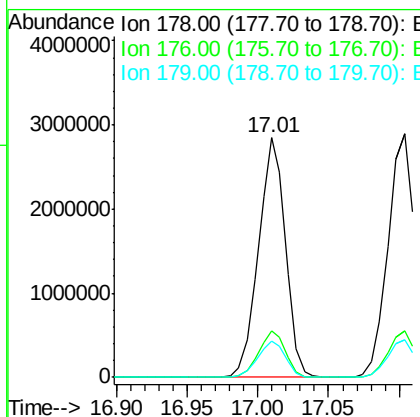
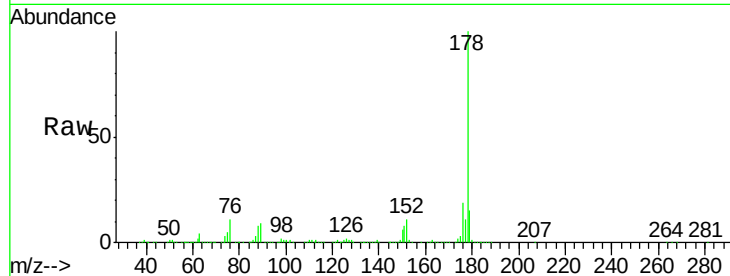
#71
Phenanthrene
Concen: 82.820 ng
RT: 17.01 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion:178 Resp: 3829702
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.3 12.2 18.4

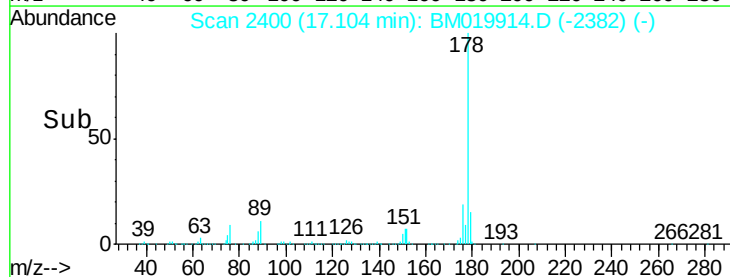
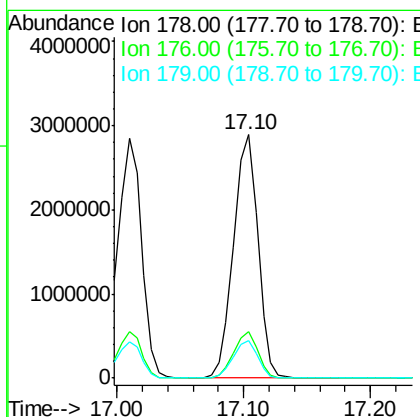
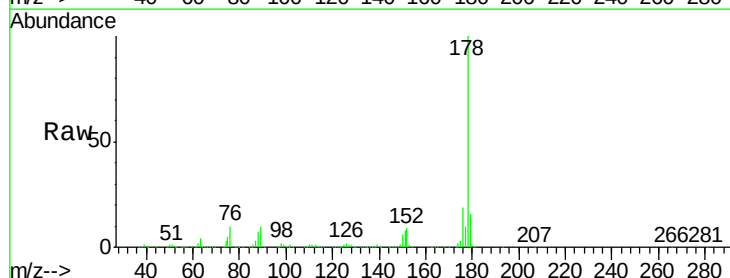
Manual Integrations
APPROVED

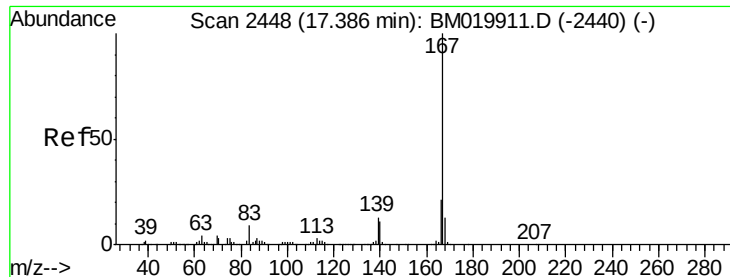
Sohil
4/16/2019 5:25:36 PM



#72
Anthracene
Concen: 84.791 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion:178 Resp: 3838346
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4





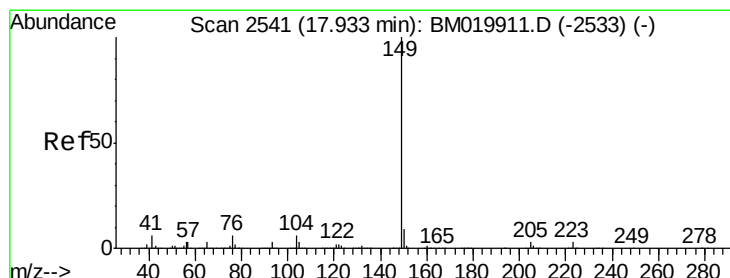
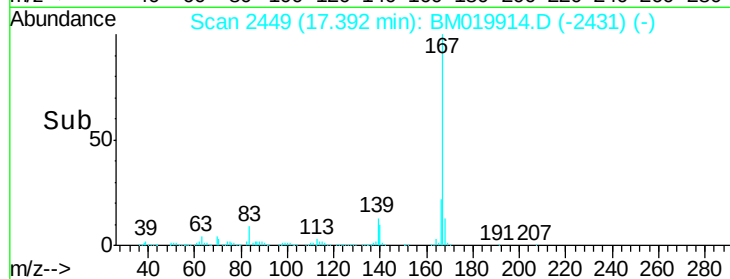
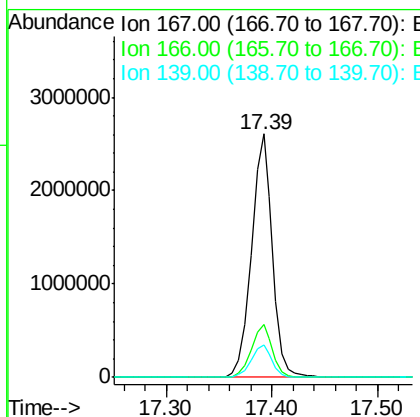
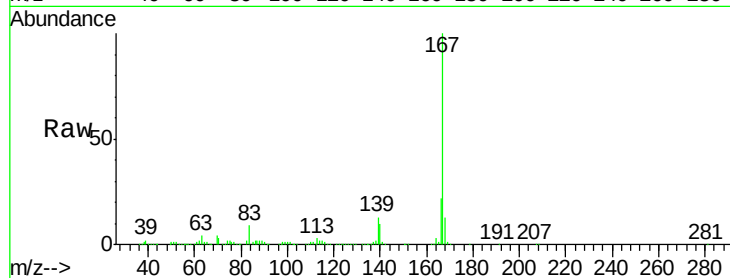
#73
 Carbazole
 Concen: 84.081 ng
 RT: 17.39 min Scan# 2449
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	13.3	10.7	16.1

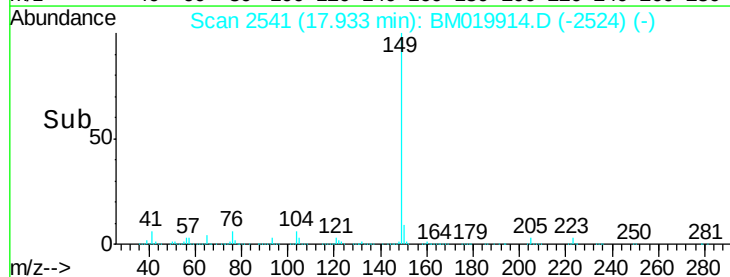
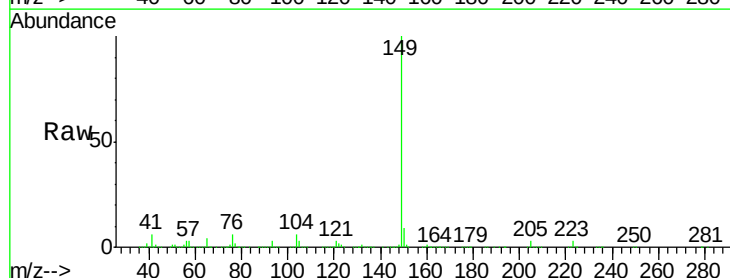
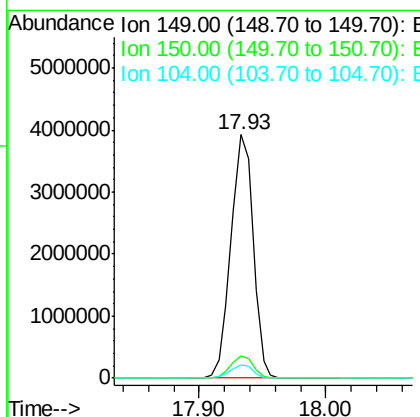
Manual Integrations
 APPROVED

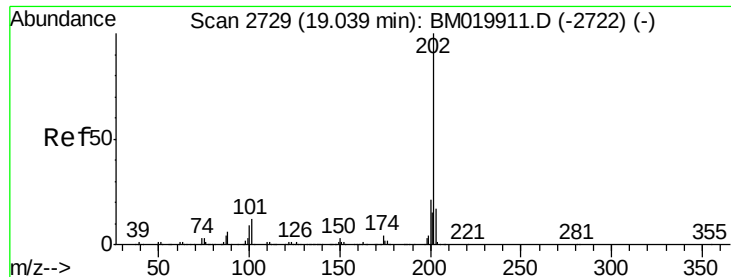
Sohil
 4/16/2019 5:25:36 PM



#74
 Di-n-butylphthalate
 Concen: 91.799 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.5	4.6	7.0





#75

Fluoranthene

Concen: 83.525 ng

RT: 19.04 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion:202 Resp: 4431868

Ion Ratio Lower Upper

202 100

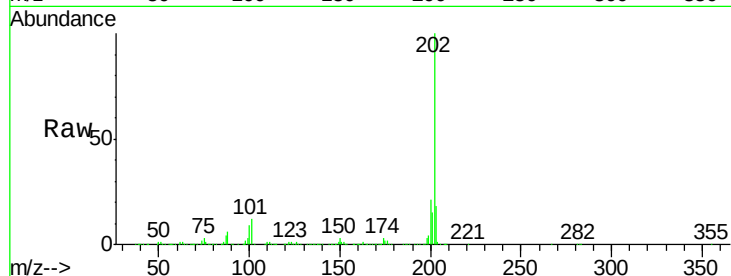
101 11.7 0.0 31.7

203 17.6 0.0 37.4

Manual Integrations
APPROVED

Sohil

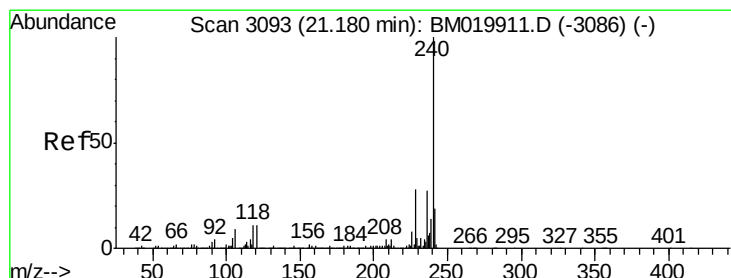
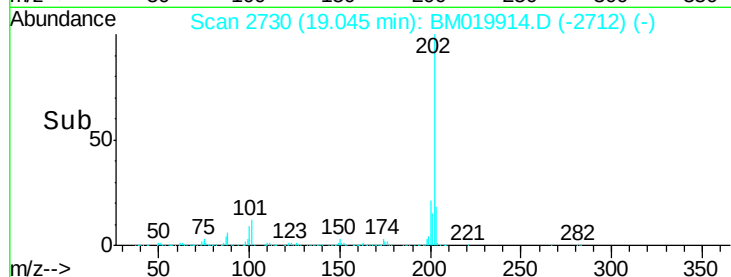
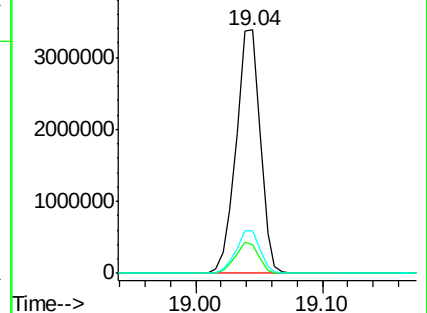
4/16/2019 5:25:36 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

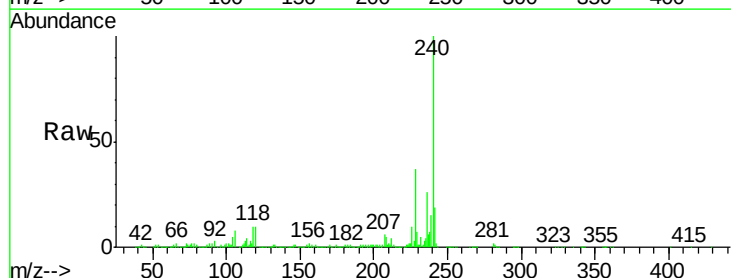
Tgt Ion:240 Resp: 813436

Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

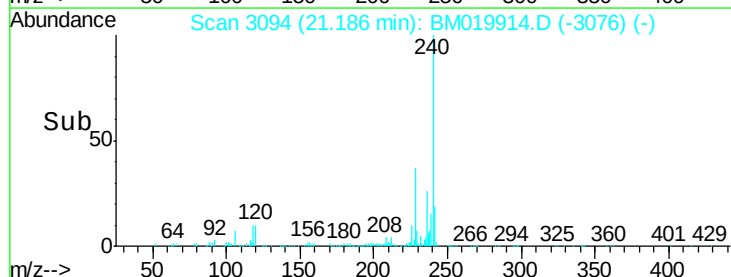
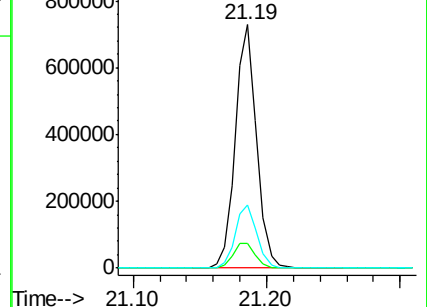
236 25.9 21.4 32.2

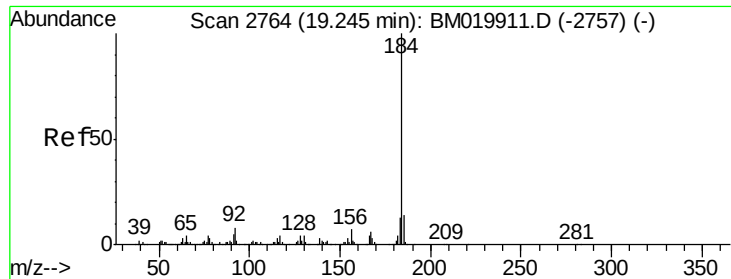


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.942 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 1405908

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.6

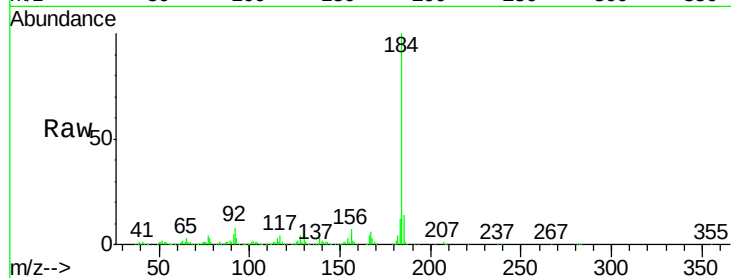
183 12.2 10.1 15.1

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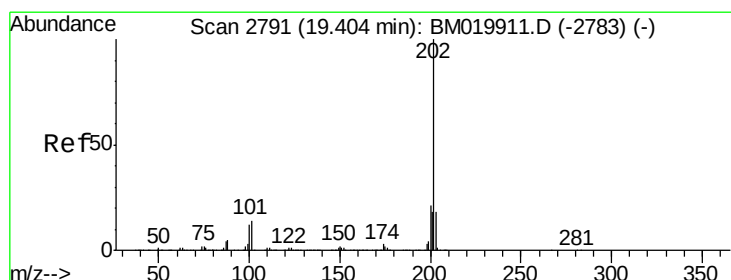
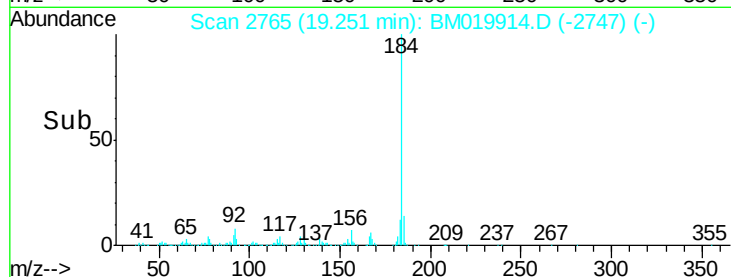
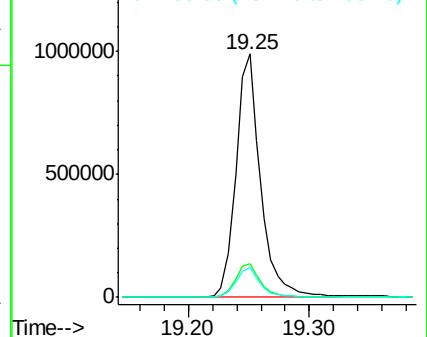
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 86.978 ng

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

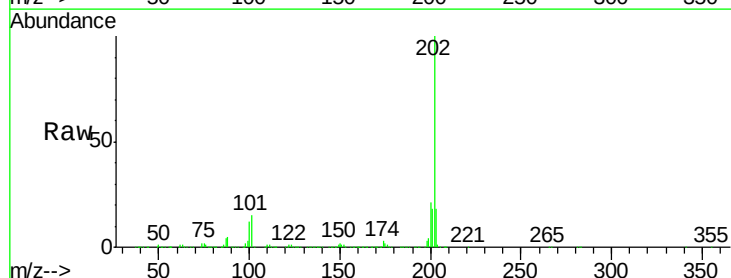
Tgt Ion:202 Resp: 4476506

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

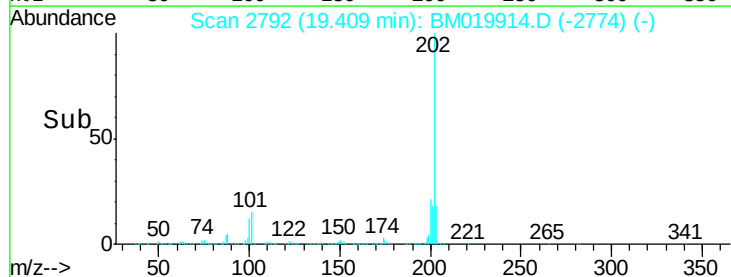
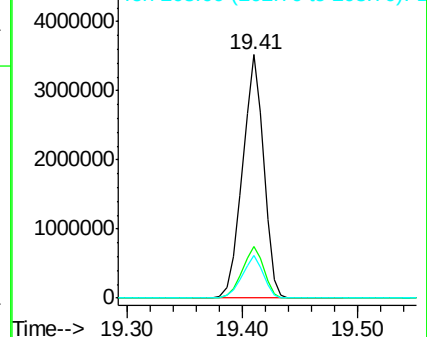
203 17.7 14.0 21.0

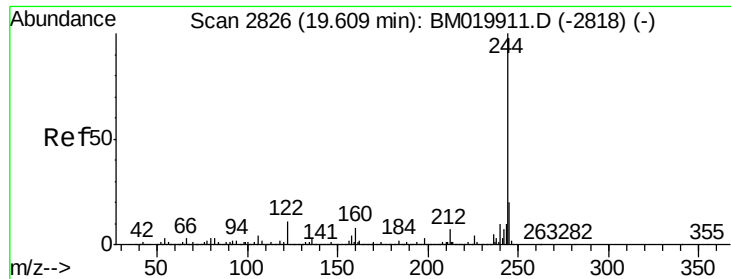


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





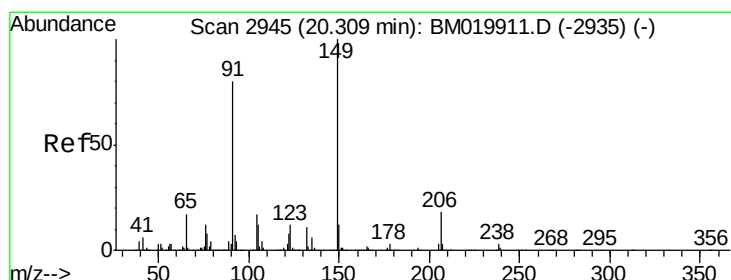
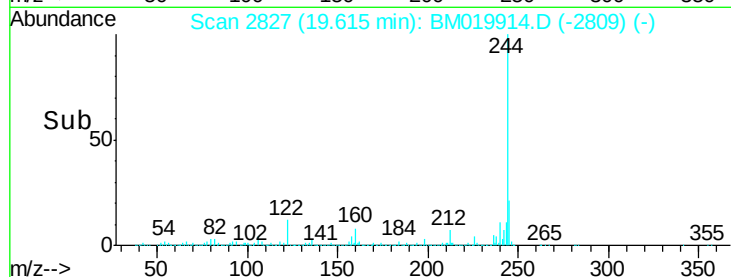
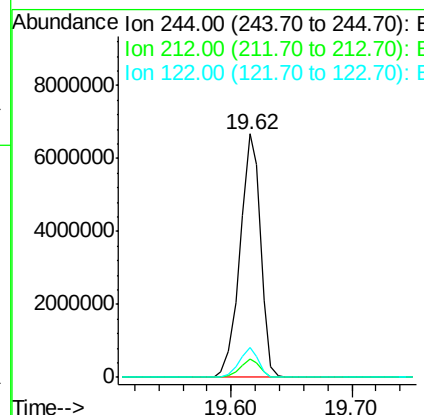
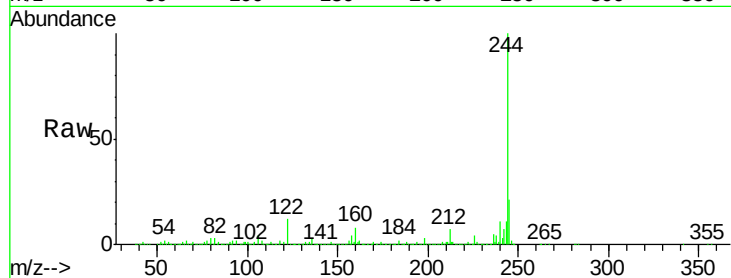
#79
 Terphenyl-d14
 Concen: 192.954 ng
 RT: 19.62 min Scan# 2827
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:244 Resp: 7906223
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 12.1 9.1 13.7

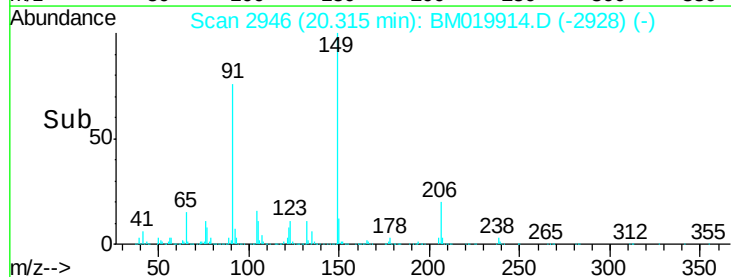
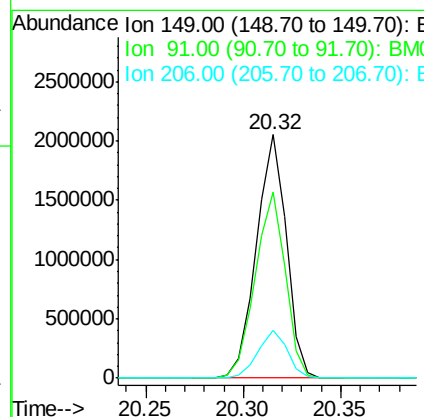
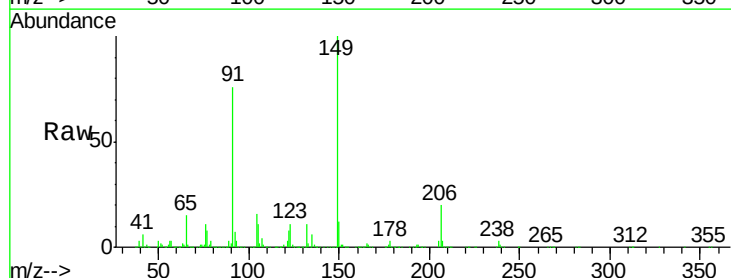
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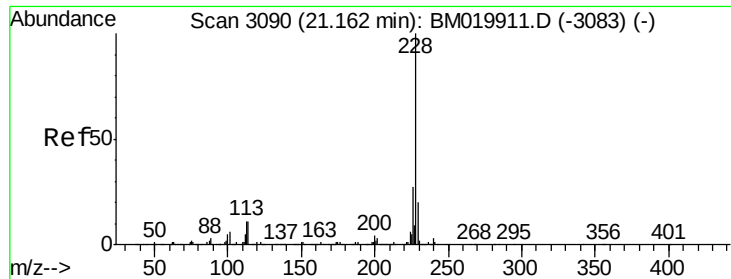
Sohil
 4/16/2019 5:25:36 PM



#80
 Butylbenzylphthalate
 Concen: 97.375 ng
 RT: 20.32 min Scan# 2946
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion:149 Resp: 2182824
 Ion Ratio Lower Upper
 149 100
 91 76.2 63.7 95.5
 206 19.7 14.6 21.8





#81

Benzo(a)anthracene

Concen: 81.714 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 4170020

Ion Ratio Lower Upper

228 100

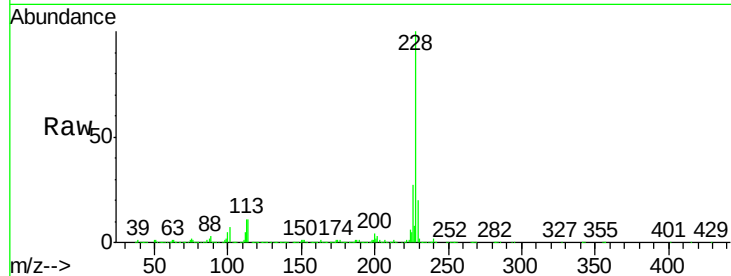
226 27.3 21.8 32.6

229 19.8 15.9 23.9

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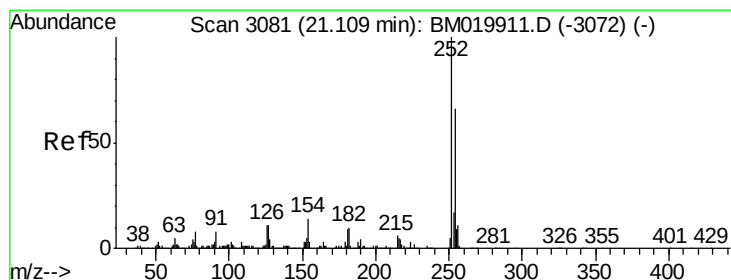
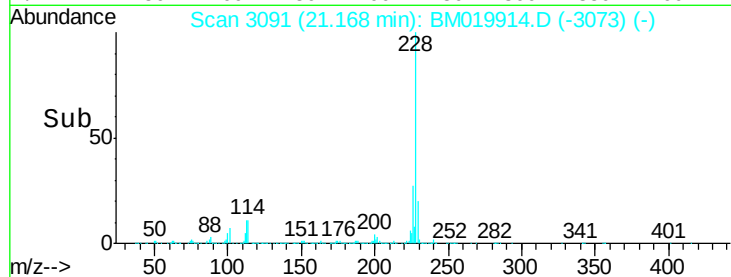
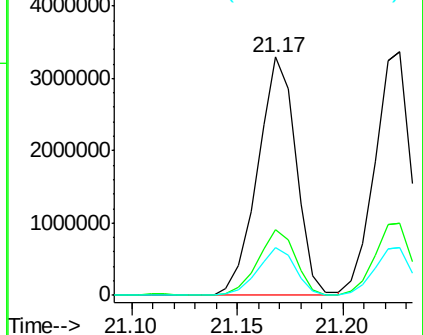
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 74.415 ng

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

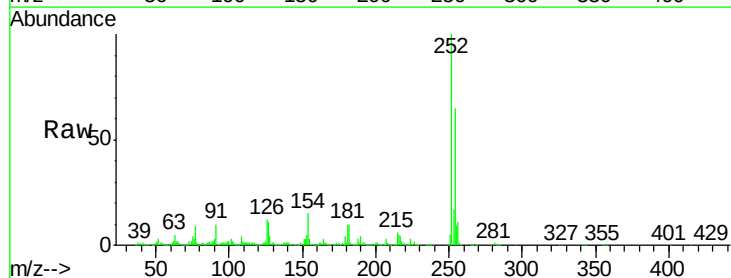
Tgt Ion:252 Resp: 1462946

Ion Ratio Lower Upper

252 100

254 64.9 52.6 78.8

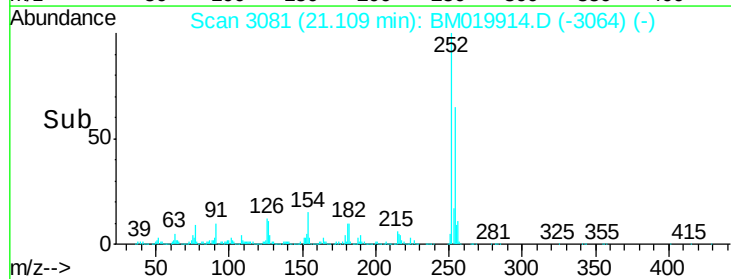
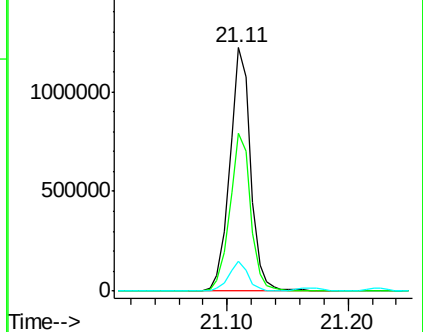
126 12.0 8.6 12.8

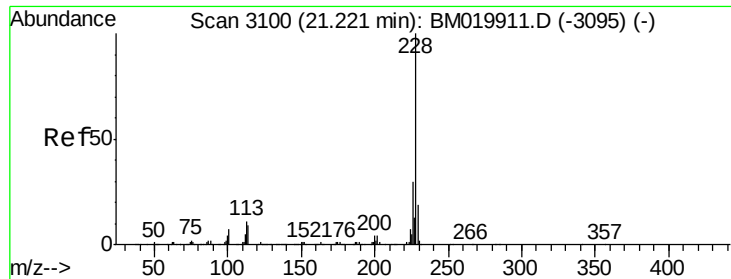


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





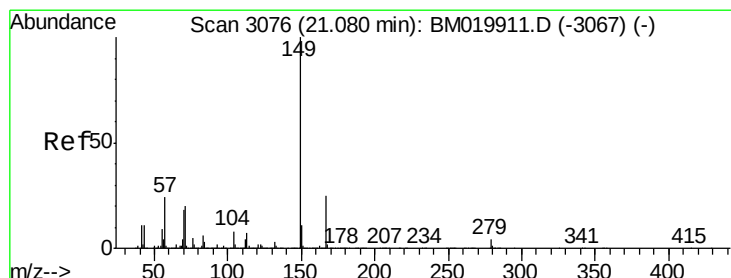
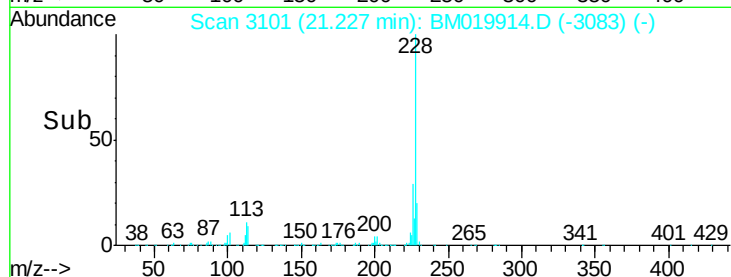
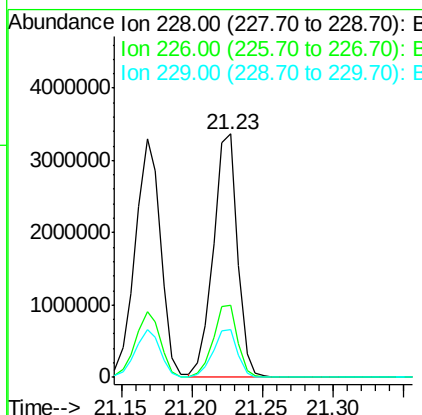
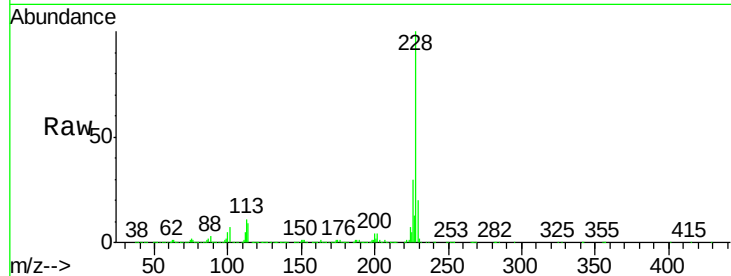
#83
 Chrysene
 Concen: 80.989 ng
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.01 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion: 228 Resp: 3998434
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.7 35.5
 229 19.5 15.6 23.4

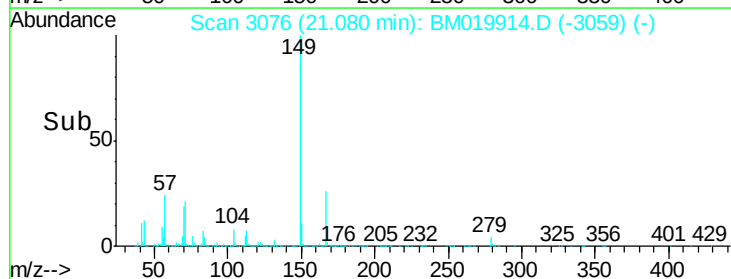
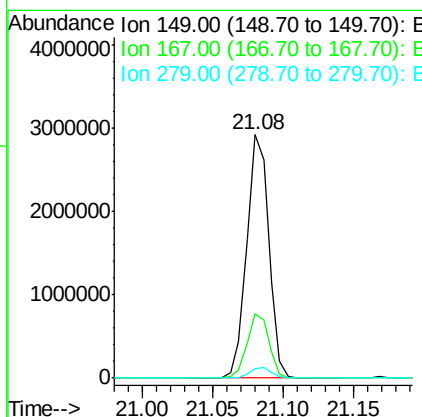
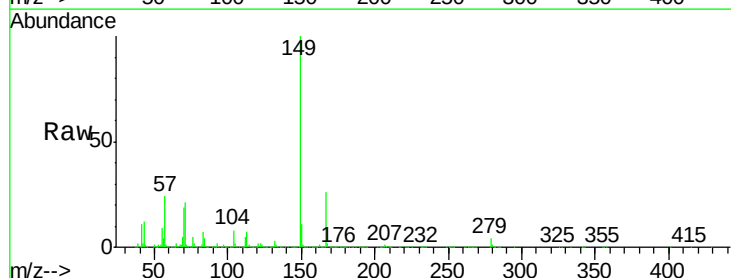
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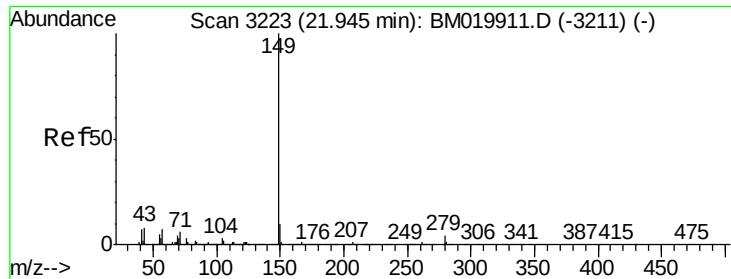
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 98.465 ng
 RT: 21.08 min Scan# 3076
 Delta R.T. 0.00 min
 Lab File: BM019914.D
 Acq: 15 Apr 2019 14:16

Tgt Ion: 149 Resp: 3211227
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.3 30.5
 279 4.0 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 91.739 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

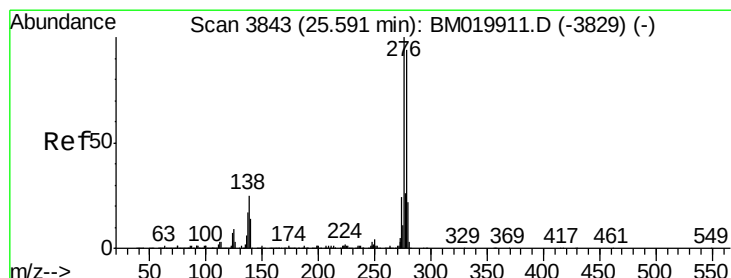
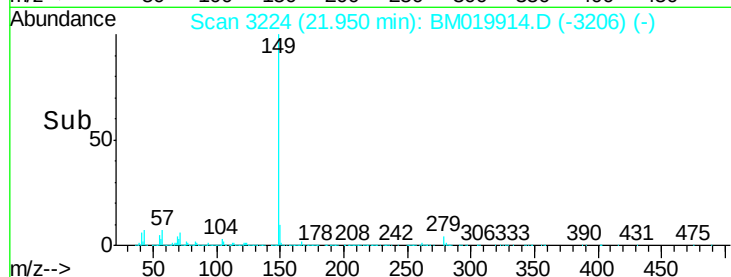
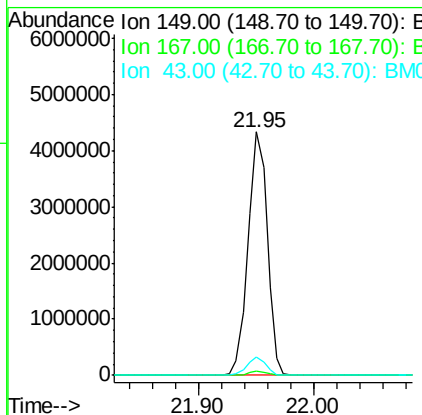
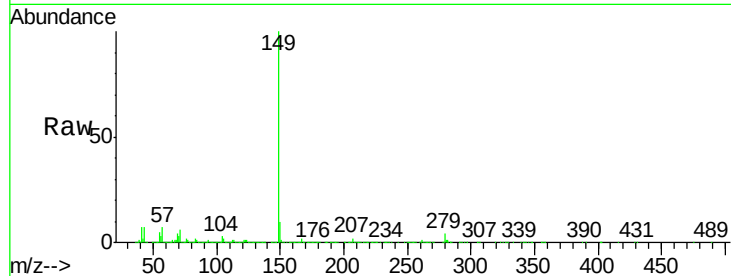
ClientSampleId :

SSTDICC080

Tgt Ion:	149	Resp:	5037947
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 70.556 ng

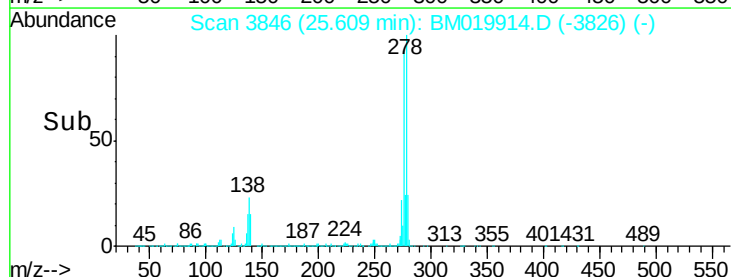
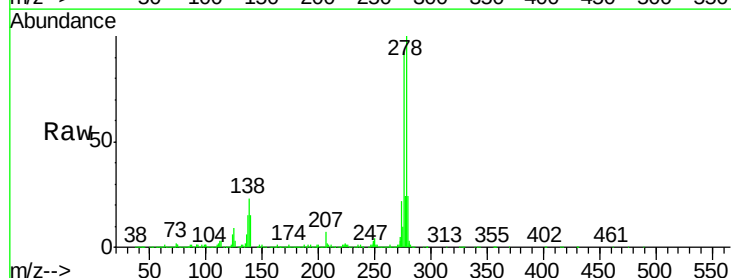
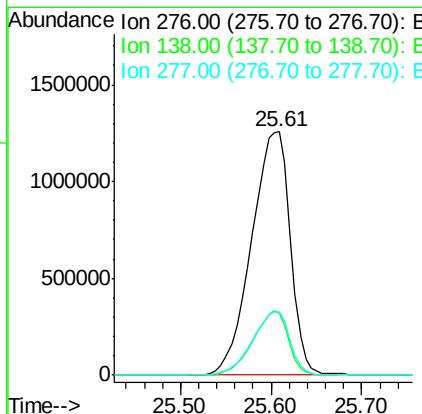
RT: 25.61 min Scan# 3846

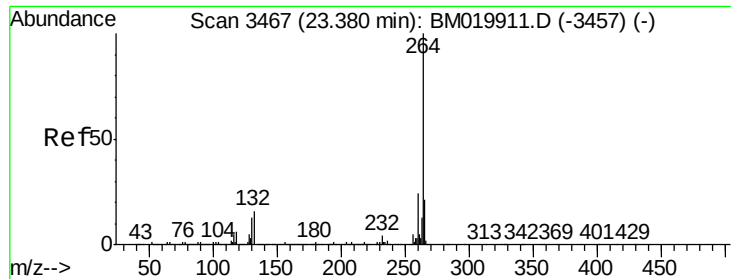
Delta R.T. 0.02 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:	276	Resp:	3749753
Ion Ratio	Lower	Upper	
276	100		
138	24.3	19.0	28.6
277	25.3	20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Instrument :

BNA_M

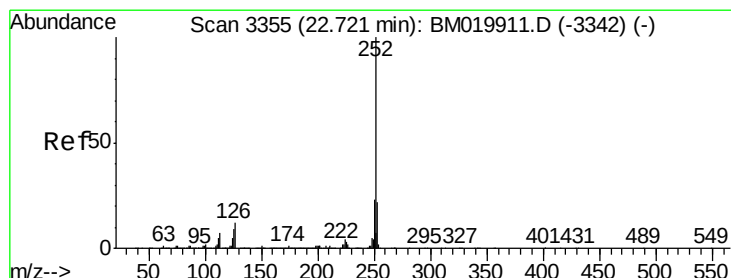
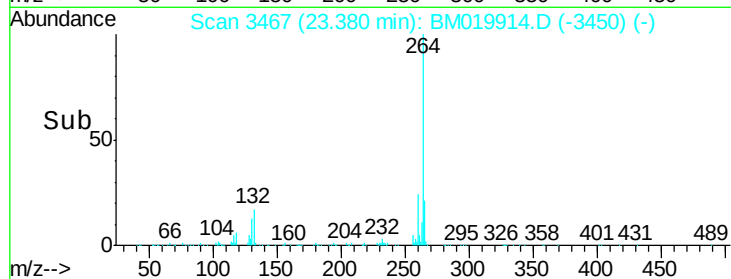
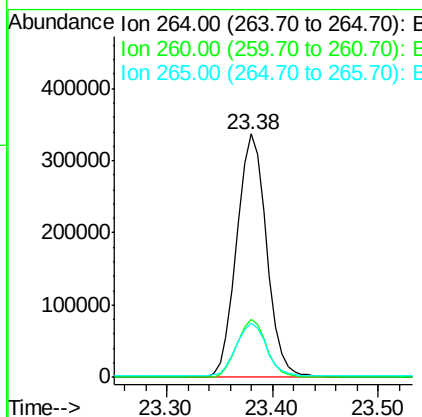
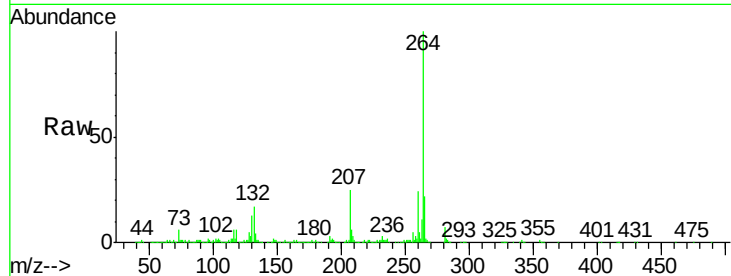
ClientSampleId :

SSTDIC080

Tgt Ion:	264	Resp:	662526
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 84.092 ng

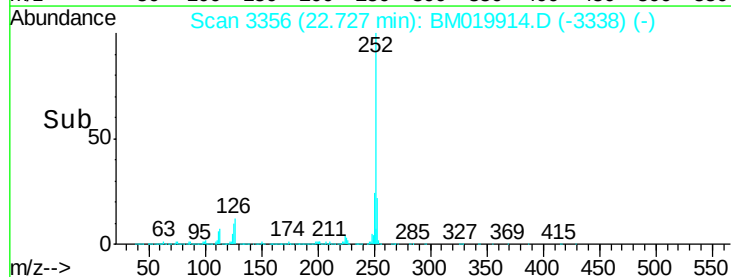
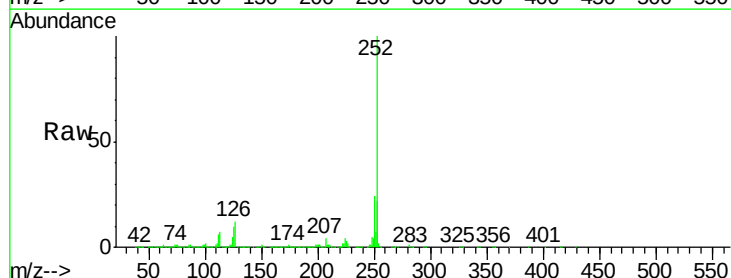
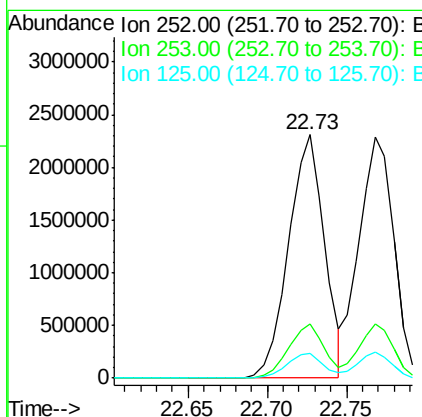
RT: 22.73 min Scan# 3356

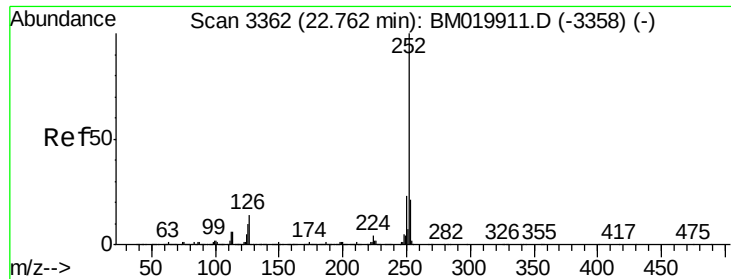
Delta R.T. 0.01 min

Lab File: BM019914.D

Acq: 15 Apr 2019 14:16

Tgt Ion:	252	Resp:	3610087
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.2	7.6	11.4





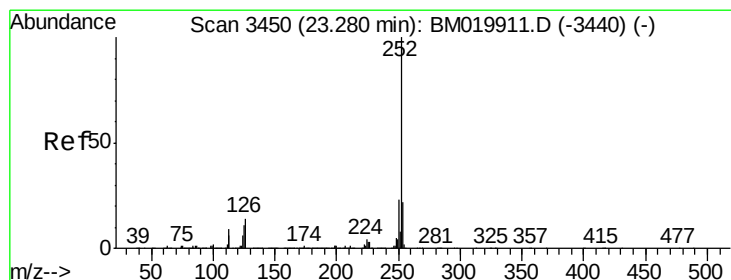
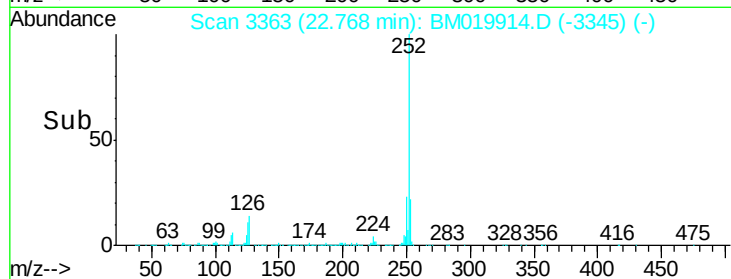
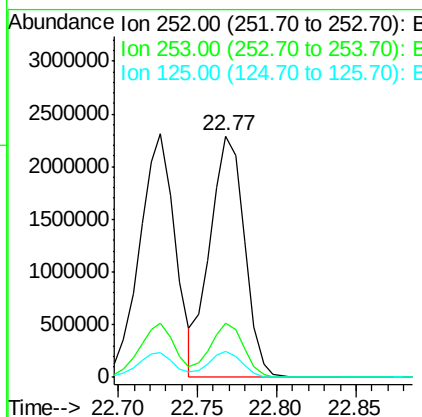
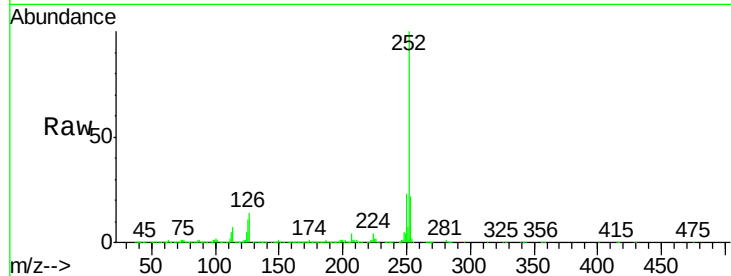
#89
Benzo(k)fluoranthene
Concen: 87.865 ng
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.5	8.2	12.4

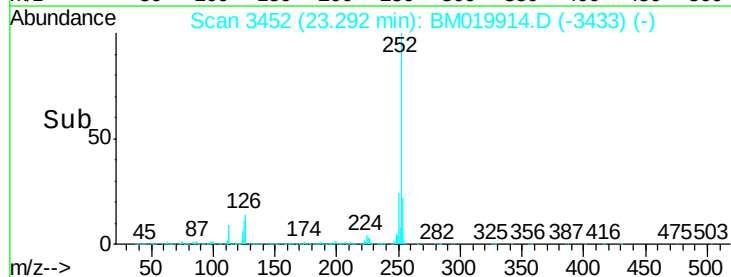
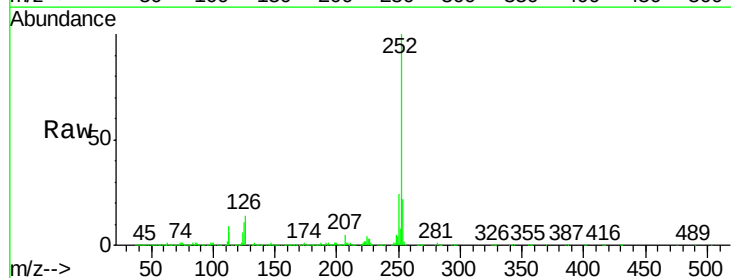
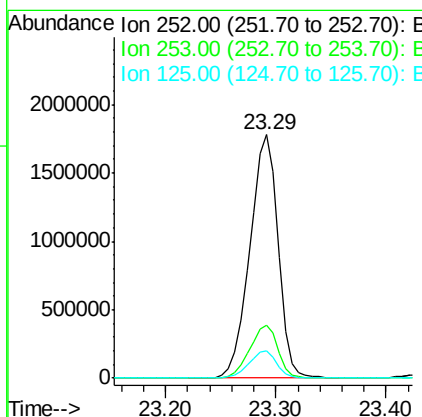
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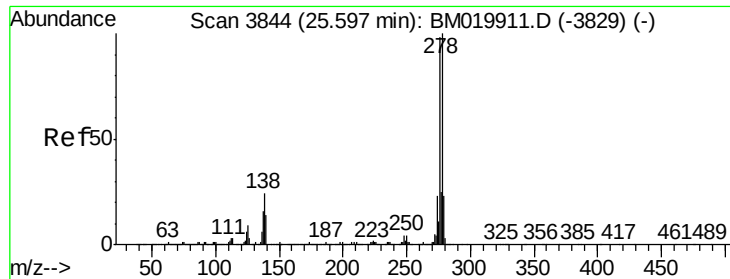
Sohil
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#90
Benzo(a)pyrene
Concen: 82.842 ng
RT: 23.29 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.1	9.1	13.7





#91
Dibenzo(a,h)anthracene
Concen: 85.934 ng
RT: 25.61 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

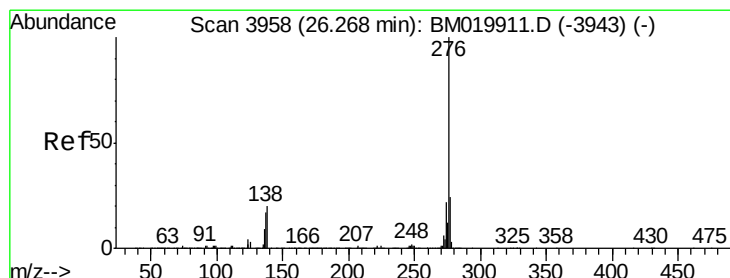
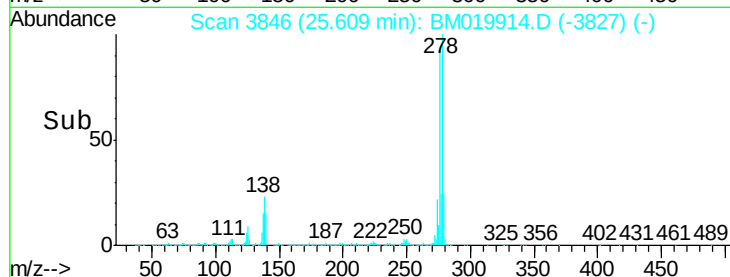
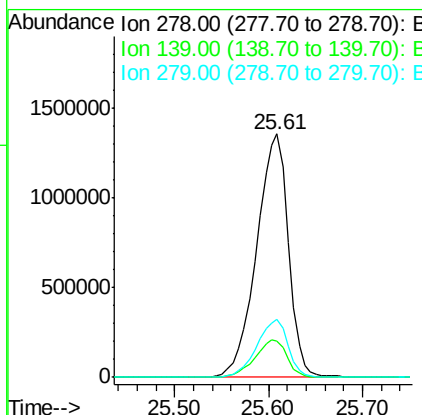
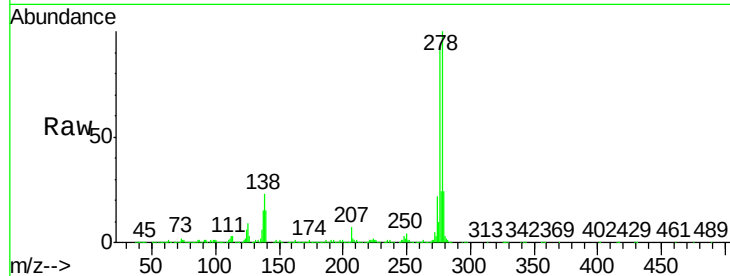
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion: 278 Resp: 3171434

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	23.6	18.4	27.6

Manual Integrations
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4/16/2019 5:25:36 PM



#92
Benzo(g,h,i)perylene
Concen: 83.579 ng
RT: 26.28 min Scan# 3960
Delta R.T. 0.01 min
Lab File: BM019914.D
Acq: 15 Apr 2019 14:16

Tgt Ion: 276 Resp: 2831875

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.9	16.2	24.4

