

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019197.D
 Acq On : 15 Mar 2019 21:44
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:04:39 PM

Quant Time: Mar 16 02:41:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	221071	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1063687	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	638335	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1380636	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1283989	20.00	ng	0.00
87) Perylene-d12	23.50	264	1077571	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1130025	82.78	ng	0.00
7) Phenol-d6	6.84	99	1757844	88.04	ng	0.00
23) Nitrobenzene-d5	8.83	82	1865728	82.91	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	804457	85.36	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4023105	81.98	ng	-0.01
79) Terphenyl-d14	19.70	244	6169451	95.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	218597	35.997	ng	99
3) Pyridine	3.62	79	709332	42.935	ng	98
4) n-Nitrosodimethylamine	3.54	42	193235	37.622	ng	99
6) Aniline	7.00	93	1083911	42.046	ng	100
8) 2-Chlorophenol	7.22	128	706456	43.066	ng	98
9) Benzaldehyde	6.82	77	523780	41.704	ng	99
10) Phenol	6.86	94	948112	44.060	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	679433	41.378	ng	98
12) 1,3-Dichlorobenzene	7.54	146	723640	41.685	ng	99
13) 1,4-Dichlorobenzene	7.69	146	733758	41.459	ng	98
14) 1,2-Dichlorobenzene	8.00	146	724072	42.050	ng	99
15) Benzyl Alcohol	7.91	79	716397	43.351	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	677136	40.387	ng	99
17) 2-Methylphenol	8.10	107	616774	43.984	ng	99
18) Hexachloroethane	8.71	117	275821	41.940	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	682246	41.648	ng	99
20) 3+4-Methylphenols	8.43	107	850902	44.704	ng	99
22) Acetophenone	8.49	105	1188984	40.447	ng	# 99
24) Nitrobenzene	8.87	77	962453	41.126	ng	99
25) Isophorone	9.39	82	1736125	40.433	ng	100
26) 2-Nitrophenol	9.57	139	425905	43.905	ng	100
27) 2,4-Dimethylphenol	9.63	122	609606	42.271	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	1027105	40.398	ng	100
29) 2,4-Dichlorophenol	10.09	162	718519	44.986	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	751368	41.720	ng	99
31) Naphthalene	10.49	128	2302499	41.069	ng	99
32) Benzoic acid	9.82	122	428445	35.079	ng	99
33) 4-Chloroaniline	10.62	127	981712	42.716	ng	99
34) Hexachlorobutadiene	10.75	225	426670	41.283	ng	99
35) Caprolactam	11.45	113	249497m	43.851	ng	
36) 4-Chloro-3-methylphenol	11.75	107	852383	43.251	ng	99
37) 2-Methylnaphthalene	12.11	142	1682751	41.304	ng	99
38) 1-Methylnaphthalene	12.33	142	1649118	41.067	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	848428	42.018	ng	99

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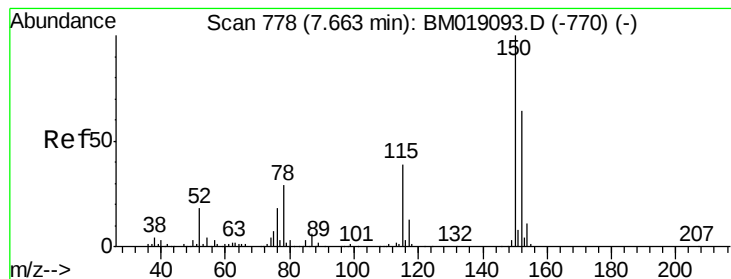
Manual Integrations
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Sohil
 3/18/2019 3:04:39 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	306437	33.504	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	566876	43.442	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	601038	43.074	ng	99
46) 1,1'-Biphenyl	13.13	154	2277746	40.859	ng	99
47) 2-Chloronaphthalene	13.18	162	1732678	41.640	ng	100
48) 2-Nitroaniline	13.41	65	606148	43.435	ng	97
49) Acenaphthylene	14.03	152	2901978	41.246	ng	100
50) Dimethylphthalate	13.78	163	2170693	39.751	ng	99
51) 2,6-Dinitrotoluene	13.91	165	492117	41.689	ng	97
52) Acenaphthene	14.37	154	1646109	40.717	ng	100
53) 3-Nitroaniline	14.24	138	505655	40.445	ng	98
54) 2,4-Dinitrophenol	14.46	184	266817	38.921	ng	97
55) Dibenzofuran	14.71	168	2679376	41.096	ng	99
56) 4-Nitrophenol	14.56	139	384684	37.686	ng	99
57) 2,4-Dinitrotoluene	14.70	165	699143	40.802	ng	99
58) Fluorene	15.36	166	2210406	41.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	536069	41.267	ng	99
60) Diethylphthalate	15.14	149	2220181	40.144	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1081484	41.434	ng	99
62) 4-Nitroaniline	15.42	138	506590	40.207	ng	98
63) Azobenzene	15.66	77	2418960	41.566	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	293862	32.481	ng	99
66) n-Nitrosodiphenylamine	15.59	169	1863938	42.406	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	657897	43.212	ng	96
68) Hexachlorobenzene	16.36	284	773658	42.742	ng	99
69) Atrazine	16.54	200	591702	39.990	ng	100
70) Pentachlorophenol	16.72	266	434359	39.829	ng	100
71) Phenanthrene	17.11	178	3332000	41.174	ng	100
72) Anthracene	17.20	178	3327887	42.007	ng	99
73) Carbazole	17.48	167	3101058	41.474	ng	99
74) Di-n-butylphthalate	18.03	149	3860985	42.702	ng	100
75) Fluoranthene	19.13	202	3750074	40.385	ng	100
77) Benzidine	19.34	184	1813024	49.788	ng	100
78) Pyrene	19.50	202	3835635	47.214	ng	100
80) Butylbenzylphthalate	20.40	149	1787225	50.509	ng	97
81) Benzo(a)anthracene	21.25	228	3359914	41.711	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1282604	41.332	ng	99
83) Chrysene	21.30	228	3216159	41.270	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2638860	51.262	ng	98
85) Di-n-octyl phthalate	22.05	149	4232358	48.825	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3056496	36.435	ng	100
88) Benzo(b)fluoranthene	22.83	252	2953605	42.301	ng	99
89) Benzo(k)fluoranthene	22.87	252	2715461	42.282	ng	99
90) Benzo(a)pyrene	23.40	252	2609400	41.585	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2569586	42.809	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2410692	43.744	ng	99

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



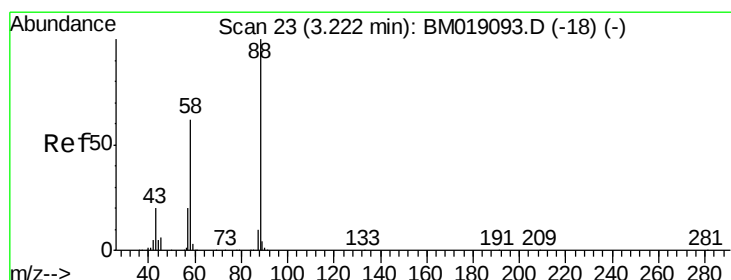
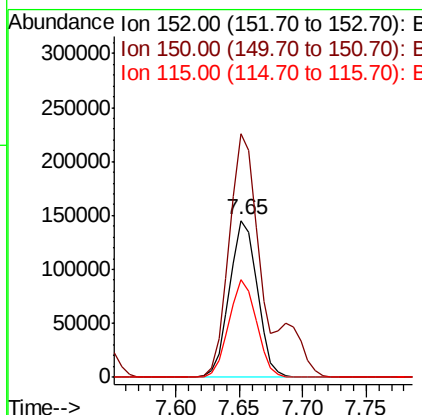
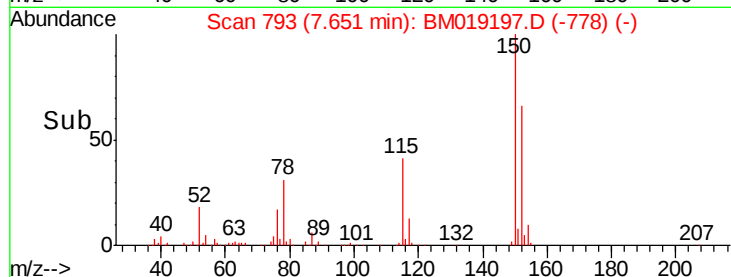
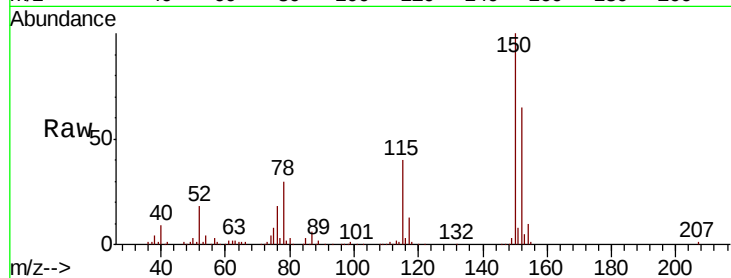
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.3	187.9
115	62.5	49.4	74.0

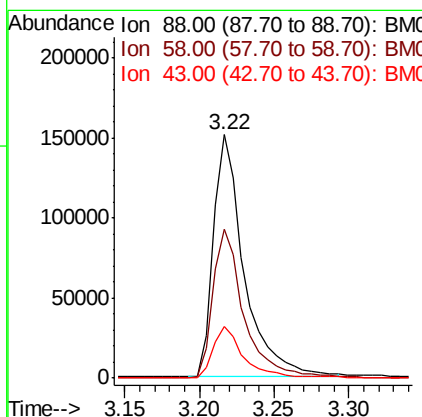
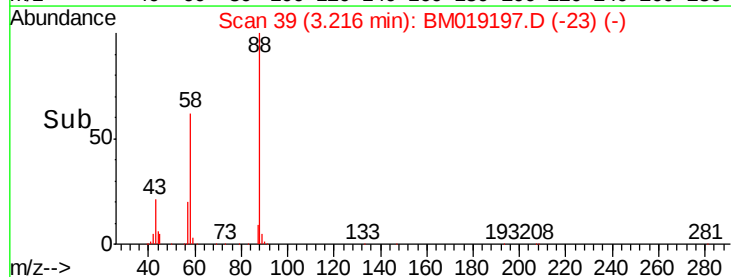
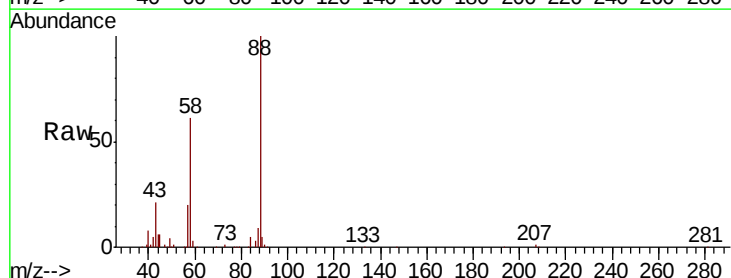
Manual Integrations
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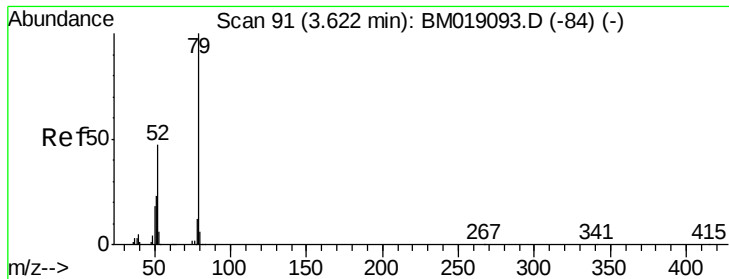
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 3/18/2019 3:04:39 PM



#2
 1,4-Dioxane
 Concen: 35.997 ng
 RT: 3.22 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	50.0	75.0
43	21.4	17.0	25.4





#3

Pvridine

Concen: 42.935 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

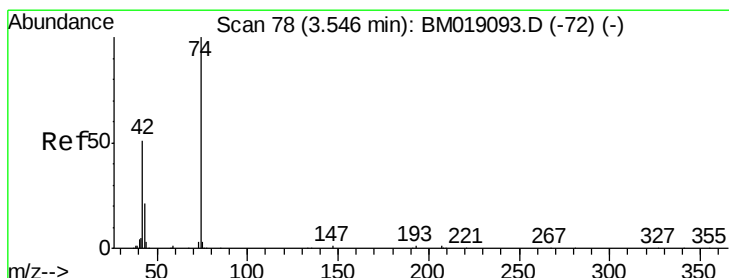
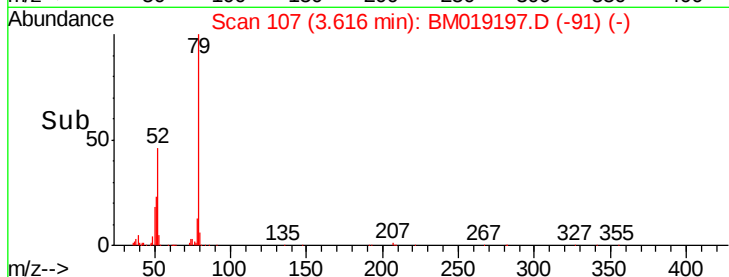
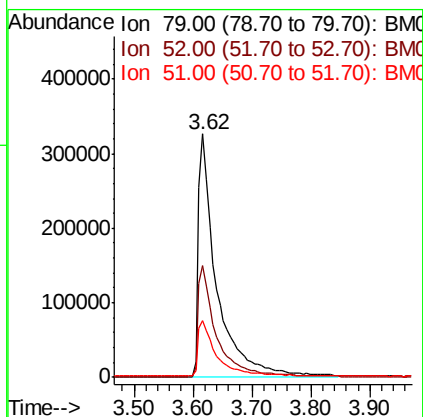
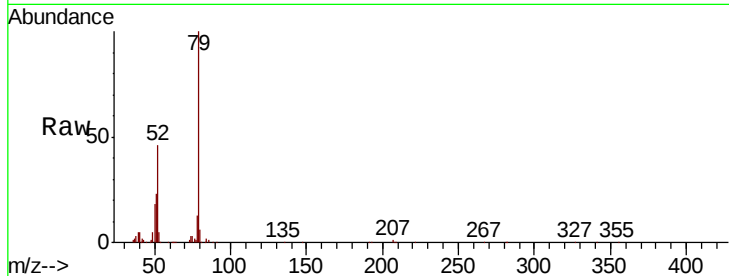
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	45.7	37.5	56.3
51	51	23.2	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 37.622 ng

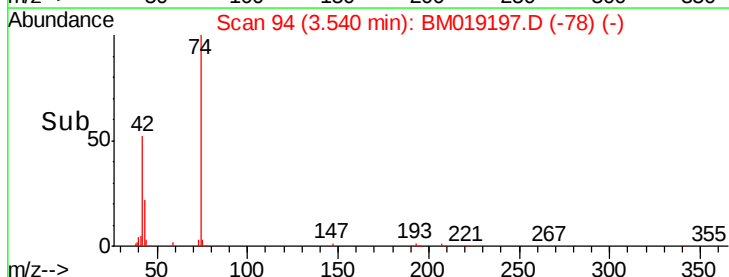
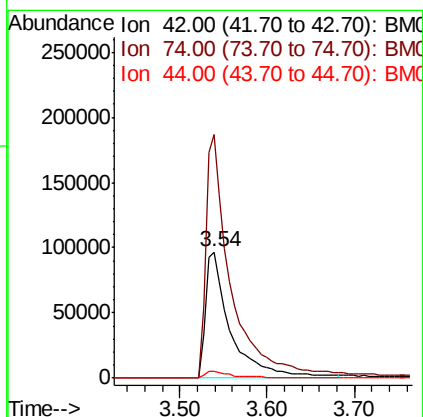
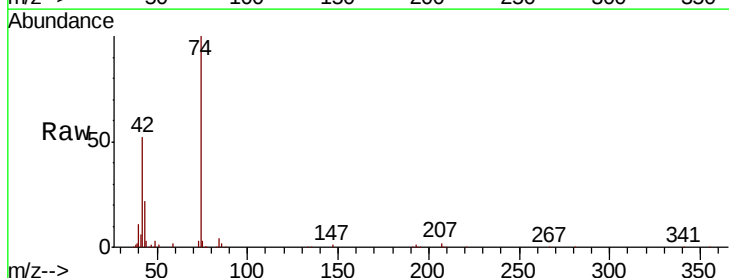
RT: 3.54 min Scan# 94

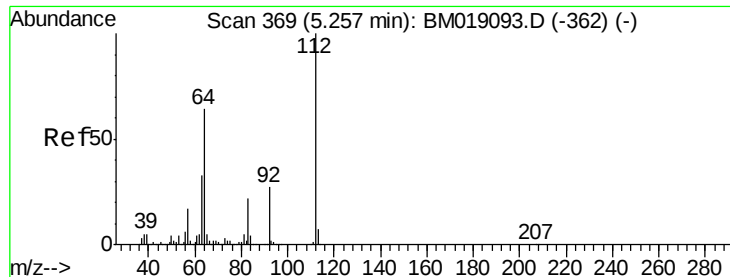
Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	193.4	156.3	234.5
44	44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 82.781 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1130025

Ion Ratio Lower Upper

112 100

64 62.3 51.4 77.0

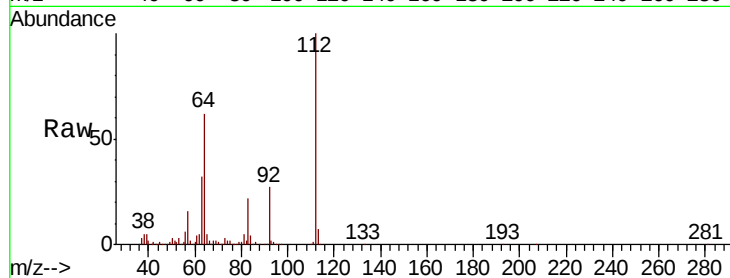
63 32.0 26.6 40.0

Manual Integrations

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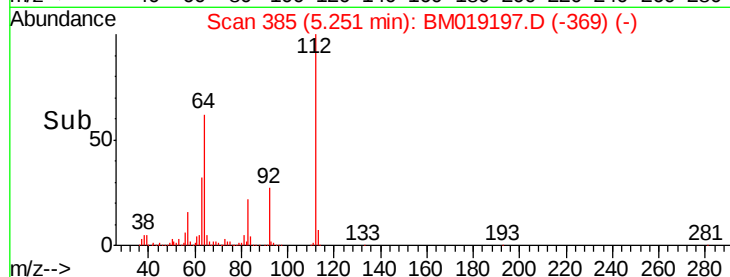
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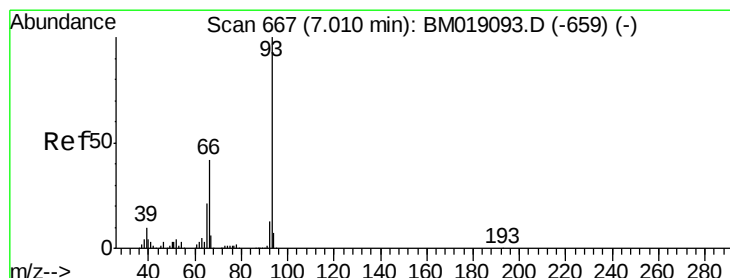
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



Time-->



#6

Aniline

Concen: 42.046 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

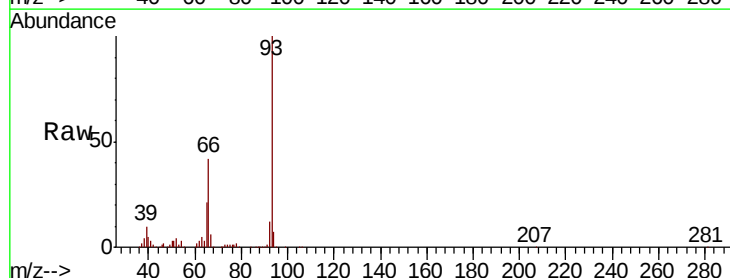
Tgt Ion: 93 Resp: 1083911

Ion Ratio Lower Upper

93 100

66 41.6 33.4 50.2

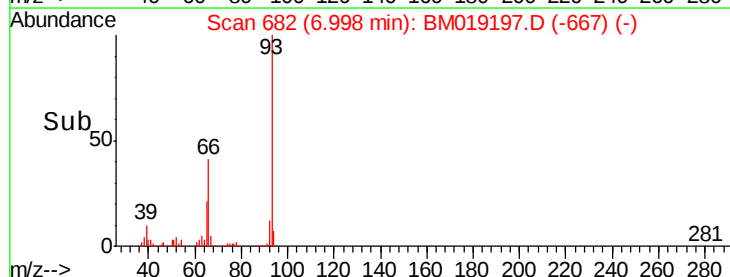
65 20.9 16.8 25.2



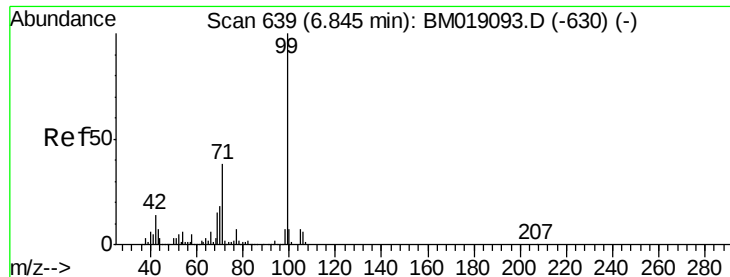
Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM



Time-->



#7

Phenol-d6

Concen: 88.037 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1757844

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

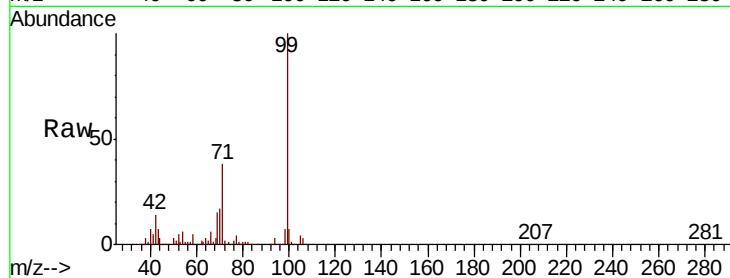
71 37.5 30.3 45.5

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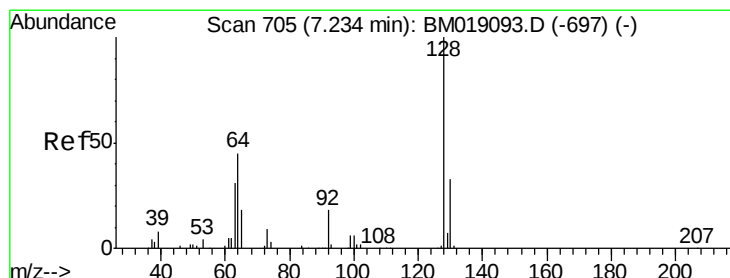
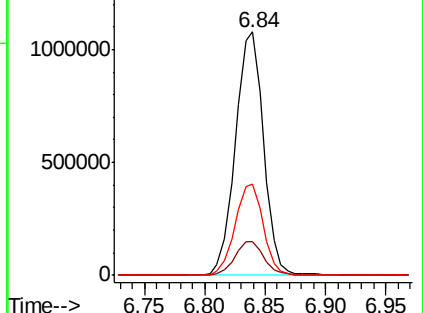
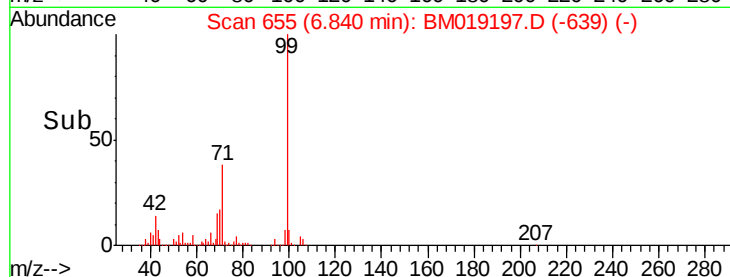
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

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

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



#8

2-Chlorophenol

Concen: 43.066 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

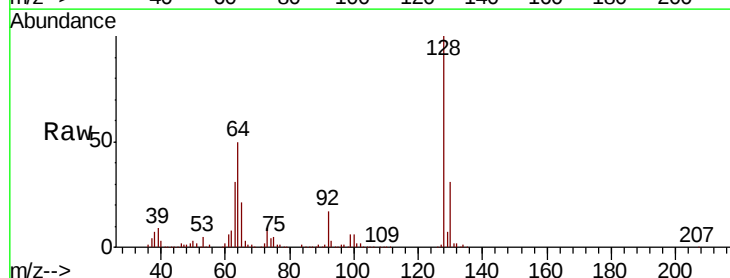
Tgt Ion: 128 Resp: 706456

Ion Ratio Lower Upper

128 100

130 31.4 12.8 52.8

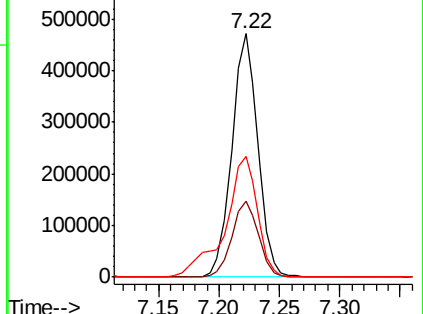
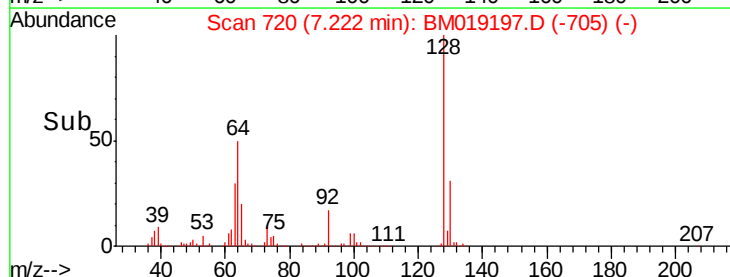
64 49.8 30.8 70.8



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

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

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





#9

Benzaldehyde

Concen: 41.704 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

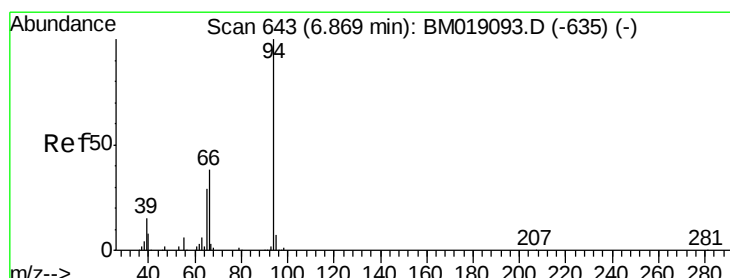
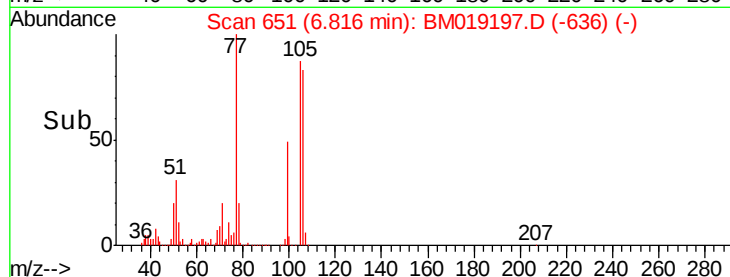
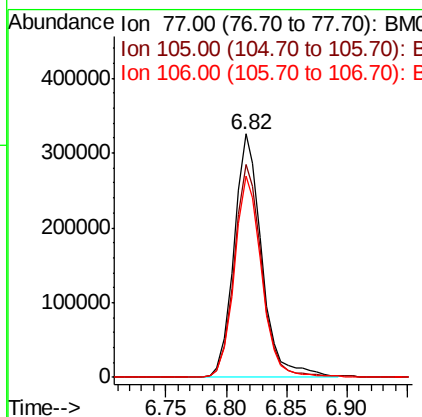
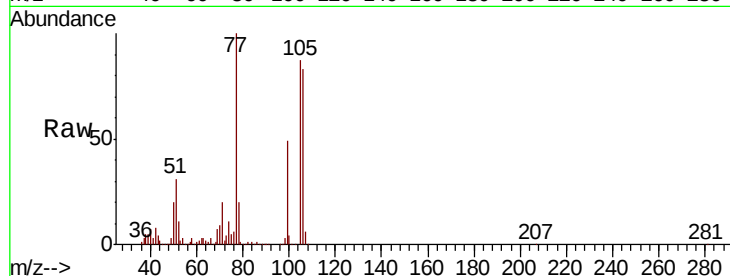
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	523780
Ion	Ratio	Lower	Upper
77	100		
105	87.3	67.7	107.7
106	82.9	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 44.060 ng

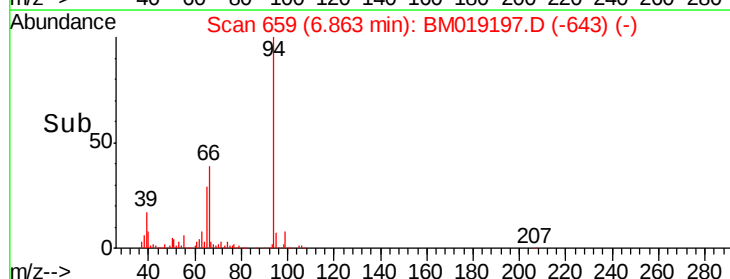
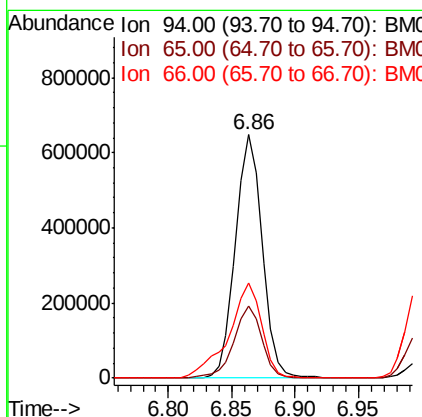
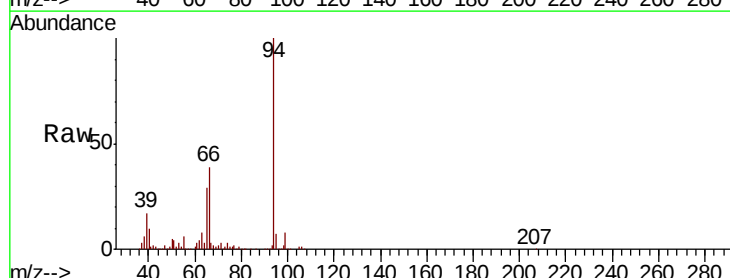
RT: 6.86 min Scan# 659

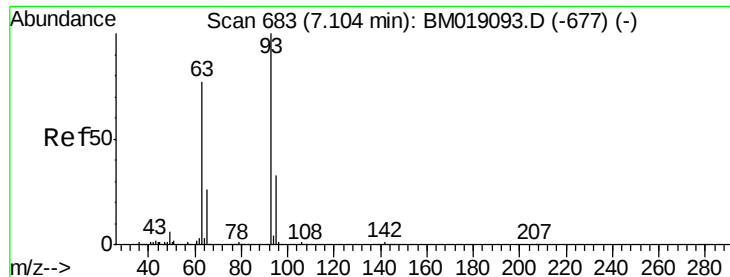
Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Tgt Ion:	94	Resp:	948112
Ion	Ratio	Lower	Upper
94	100		
65	29.4	9.7	49.7
66	39.0	19.2	59.2





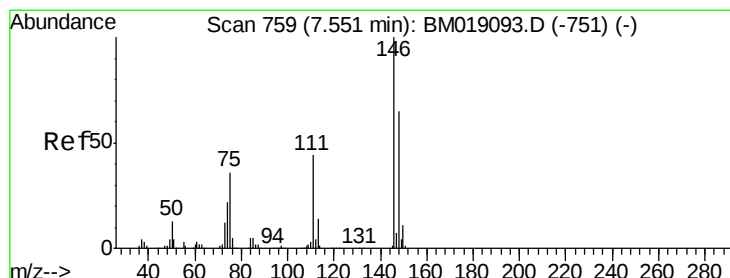
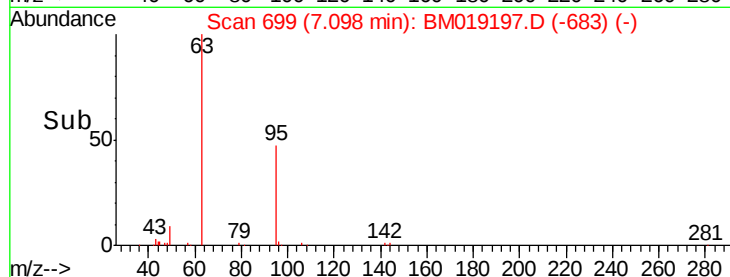
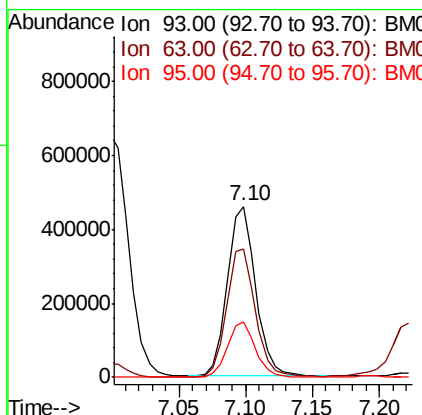
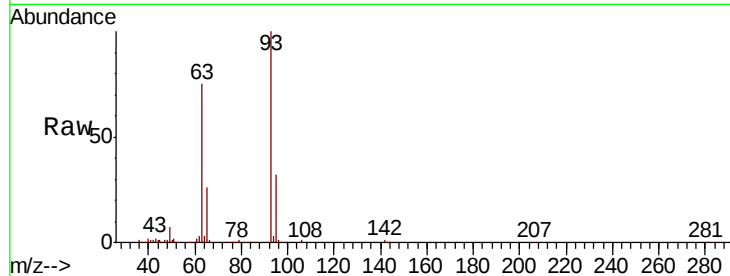
#11
bis(2-Chloroethyl)ether
Concen: 41.378 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		679433		
63	74.8	56.6		96.6	
95	32.3	13.0		53.0	

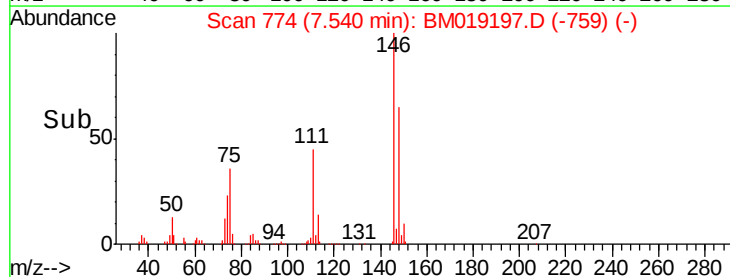
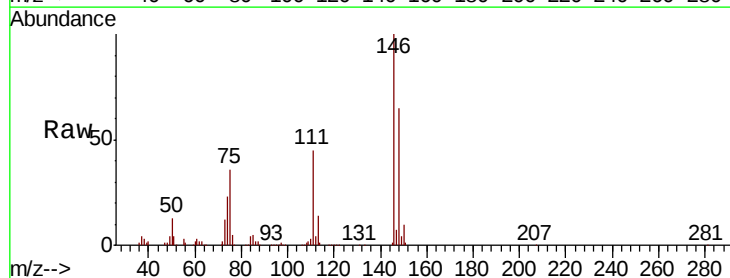
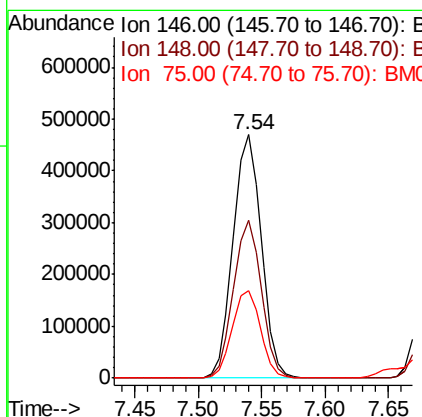
Manual Integrations
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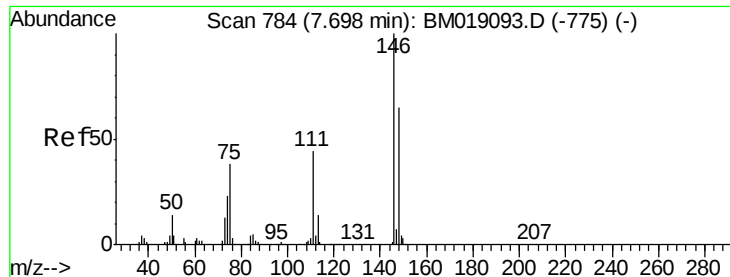
Sohil
3/18/2019 3:04:39 PM



#12
1,3-Dichlorobenzene
Concen: 41.685 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		723640		
148	65.0	51.7		77.5	
75	35.7	29.1		43.7	





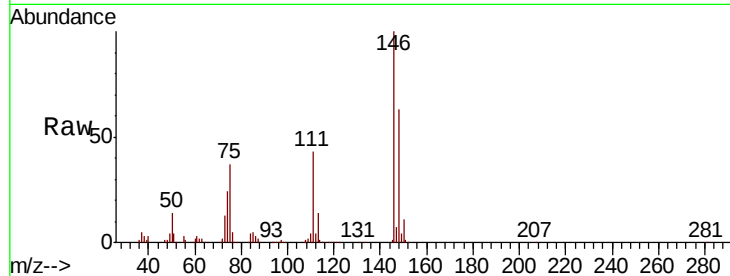
#13
1,4-Dichlorobenzene
Concen: 41.459 ng
RT: 7.69 min Scan# 799
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	42.9	35.4	53.0

Manual Integrations
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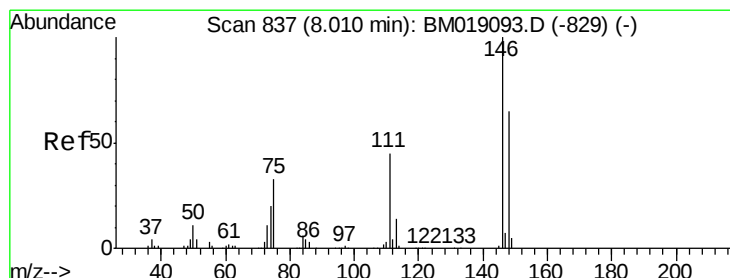
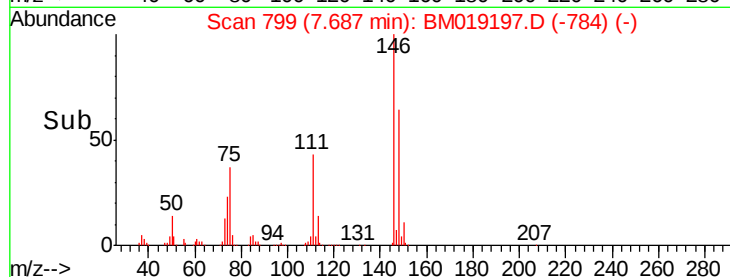
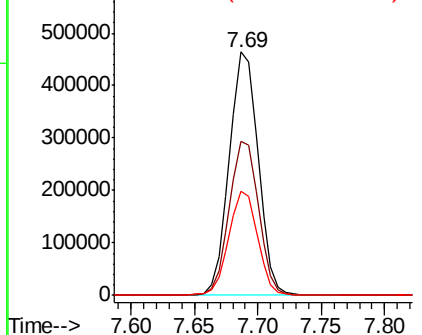


Abundance

Ion 146.00 (145.70 to 146.70): E

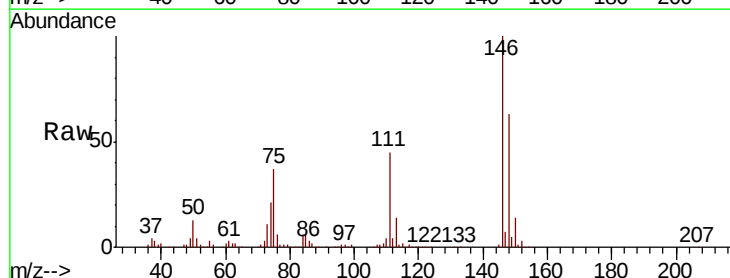
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 42.050 ng
RT: 8.00 min Scan# 852
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	44.6	36.2	54.4

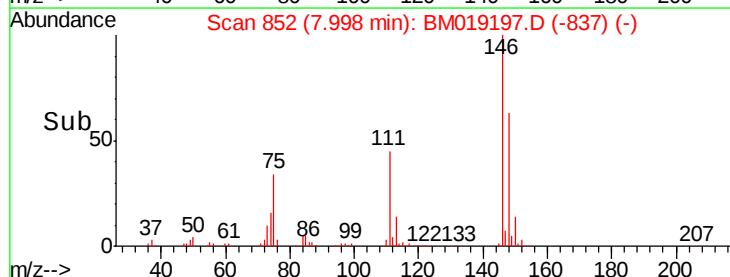
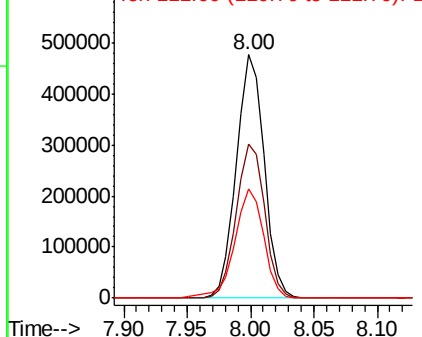


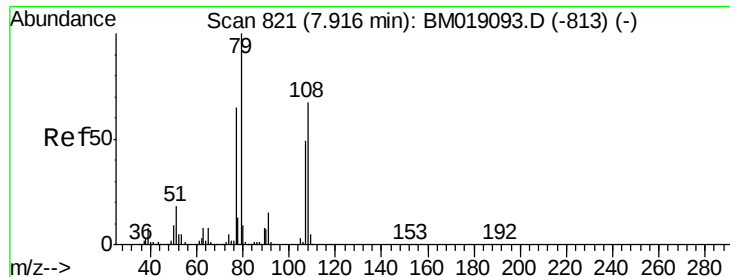
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.351 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

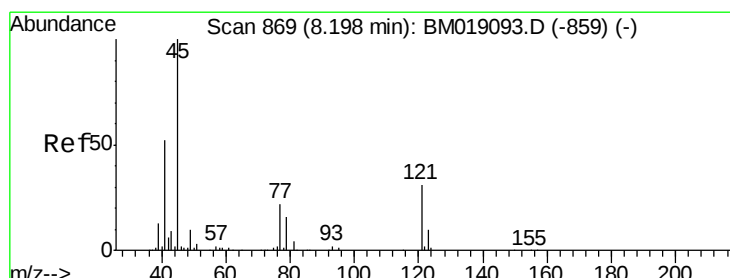
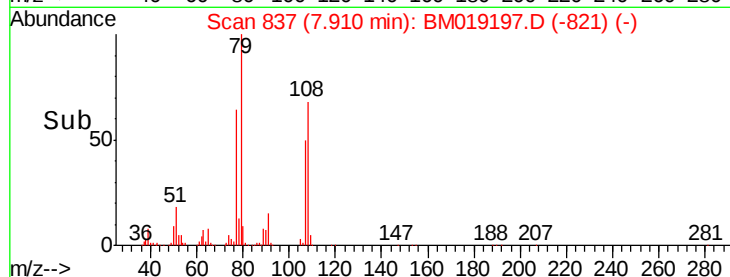
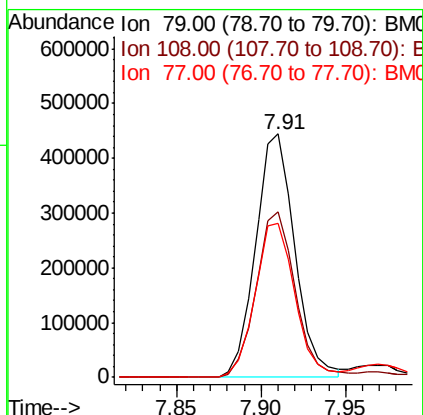
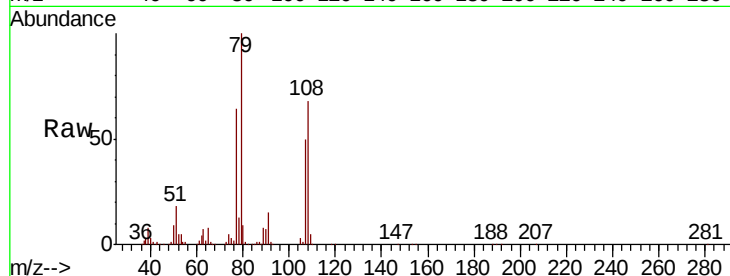
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	716397
Ion Ratio	Lower	Upper	
79	100		
108	68.1	53.7	80.5
77	63.5	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.387 ng

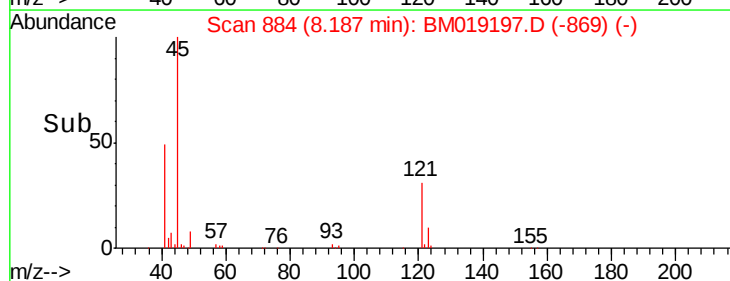
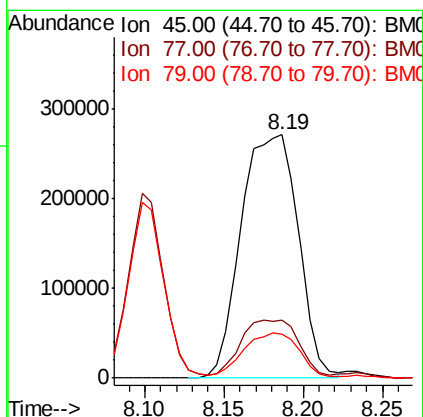
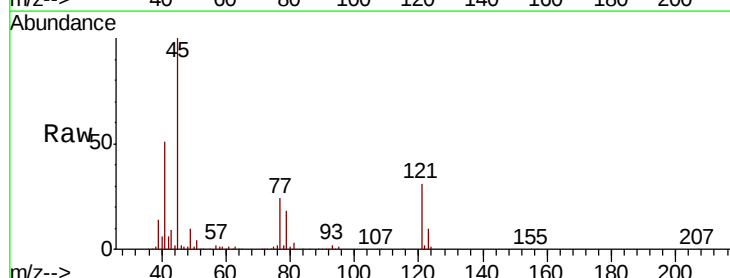
RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Tgt Ion:	45	Resp:	677136
Ion Ratio	Lower	Upper	
45	100		
77	23.6	4.1	44.1
79	18.0	0.0	38.1





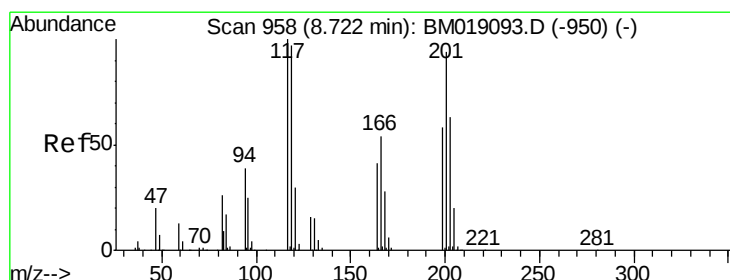
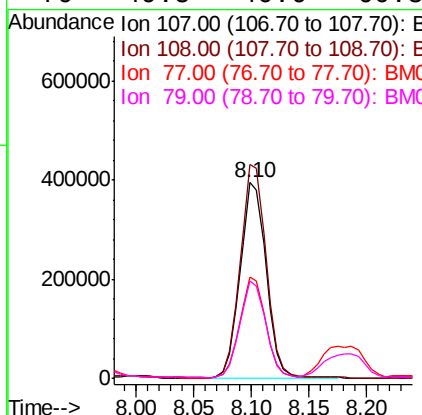
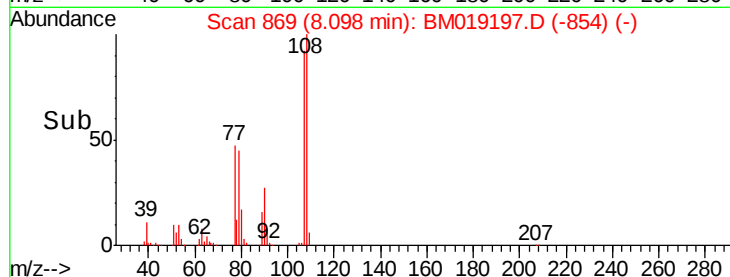
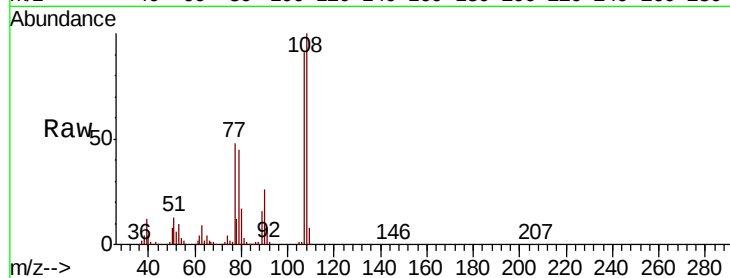
#17
2-Methylphenol
Concen: 43.984 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.4	131.2
77	52.1	41.6	62.4
79	49.5	40.6	60.8

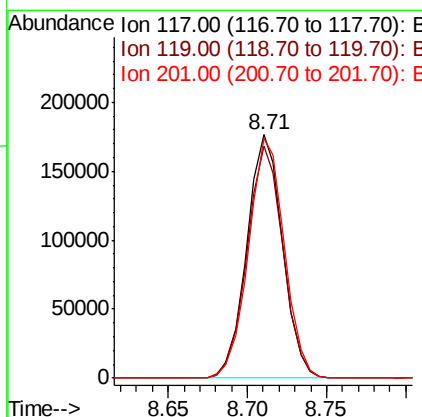
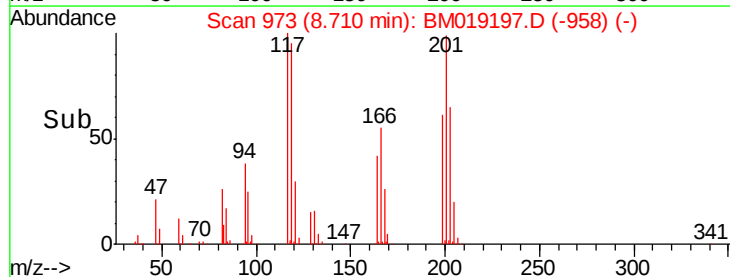
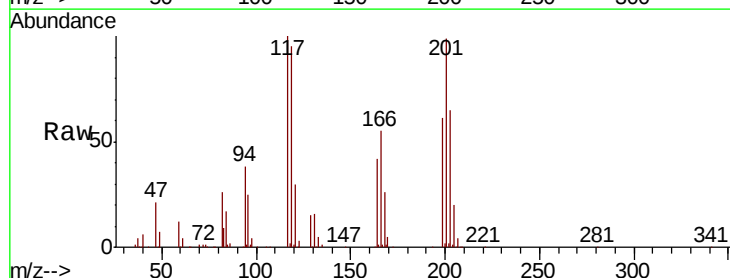
Manual Integrations
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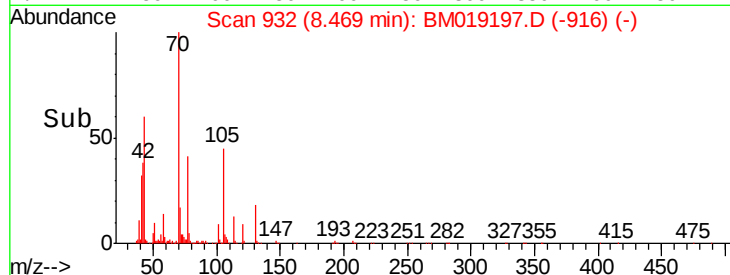
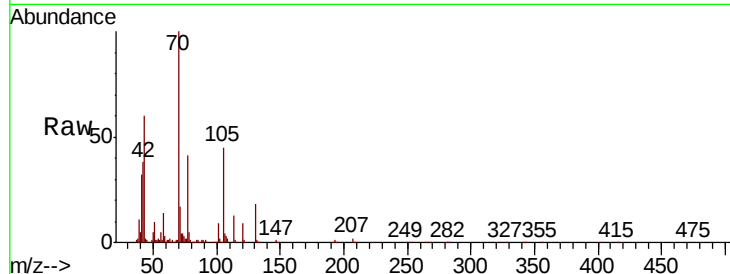
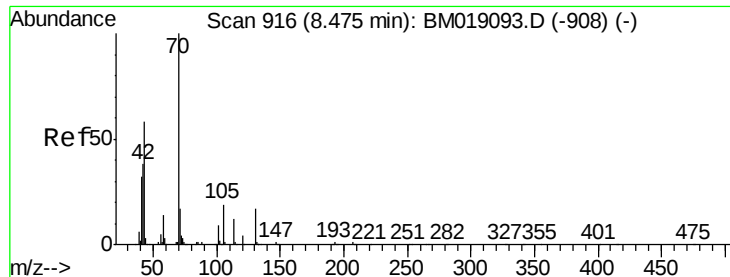
Sohil
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#18
Hexachloroethane
Concen: 41.940 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.2
201	98.7	75.2	112.8





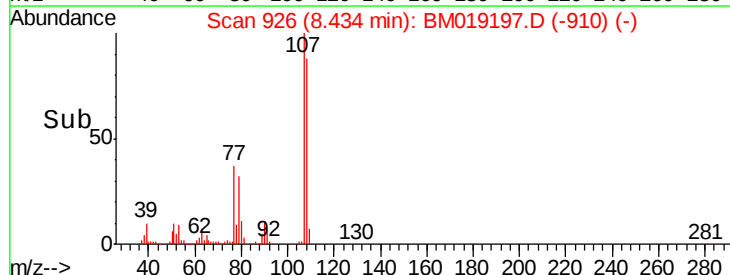
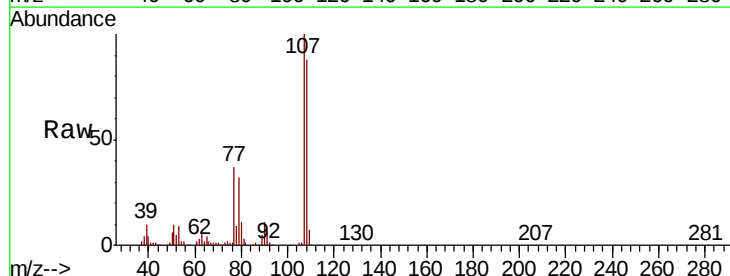
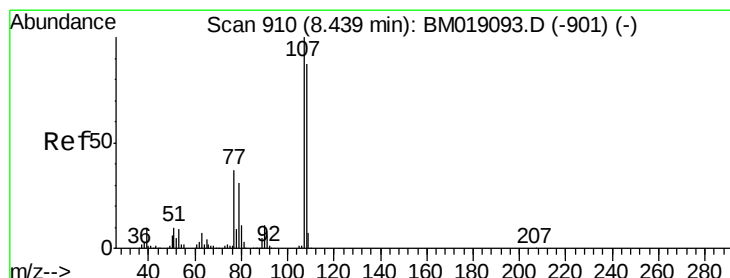
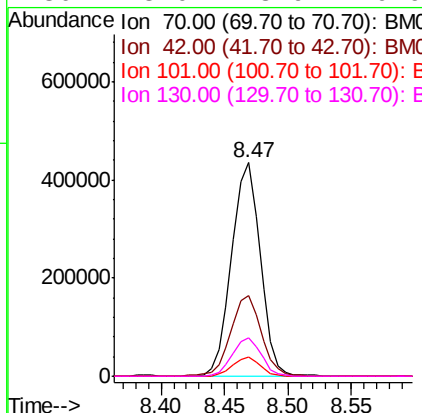
#19
n-Nitroso-di-n-propylamine
Concen: 41.648 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.8	30.6	45.8	
101	8.8	6.8	10.2	
130	18.0	13.9	20.9	

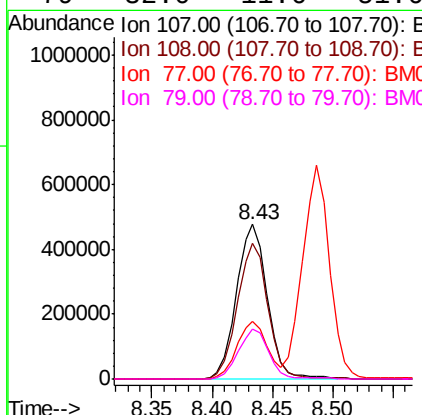
Manual Integrations
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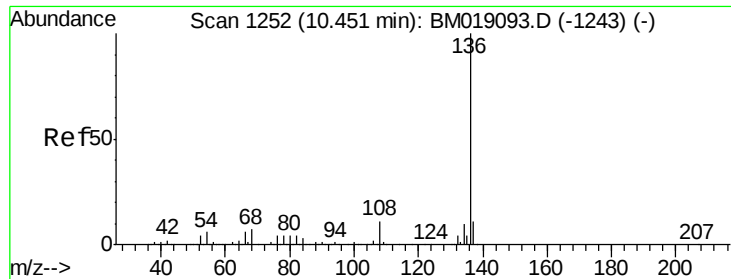
Sohil
3/18/2019 3:04:39 PM



#20
3+4-Methylphenols
Concen: 44.704 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	67.0	107.0	
77	37.2	17.3	57.3	
79	32.0	11.6	51.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1063687

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

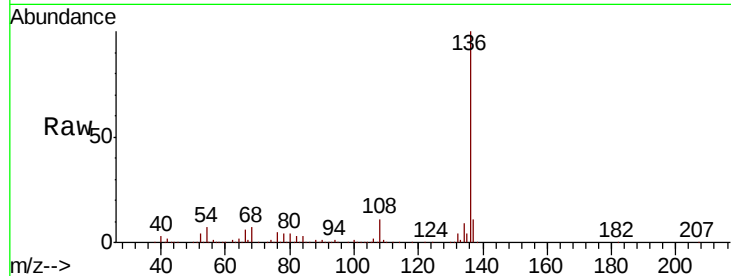
54 6.8 5.2 7.8

68 7.2 5.8 8.8

Manual Integrations
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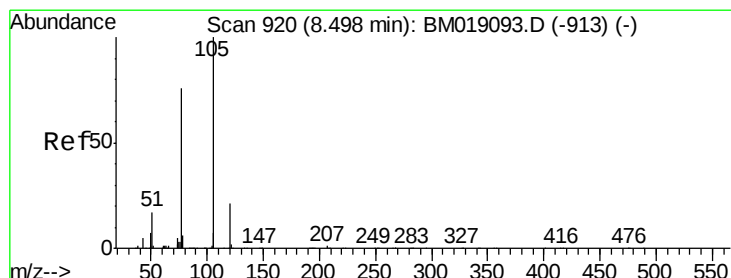
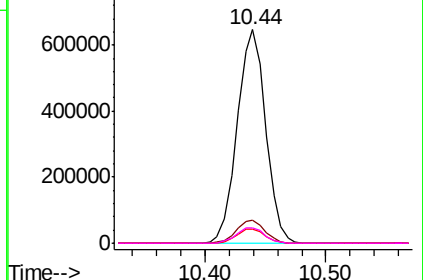
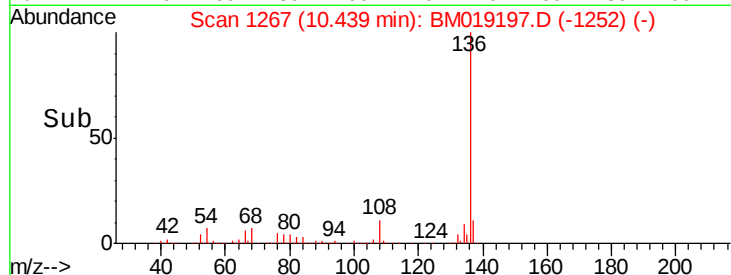


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.447 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Tgt Ion:105 Resp: 1188984

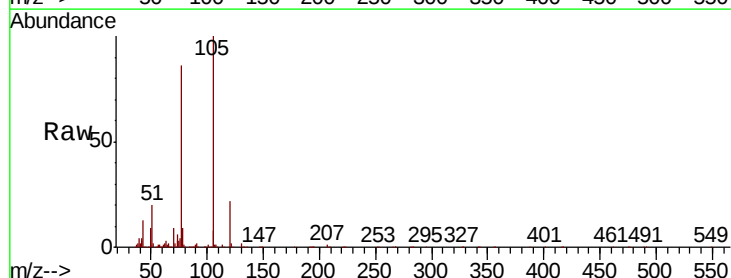
Ion Ratio Lower Upper

105 100

71 1.6 0.8 1.2#

51 20.1 15.8 23.6

120 21.7 17.0 25.4

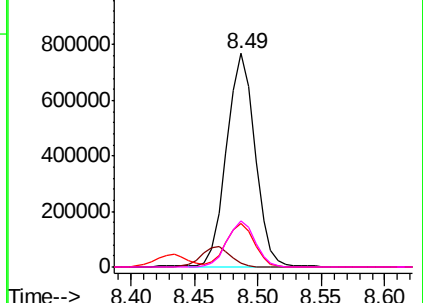
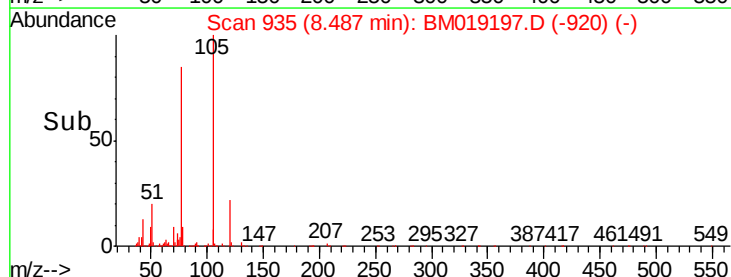


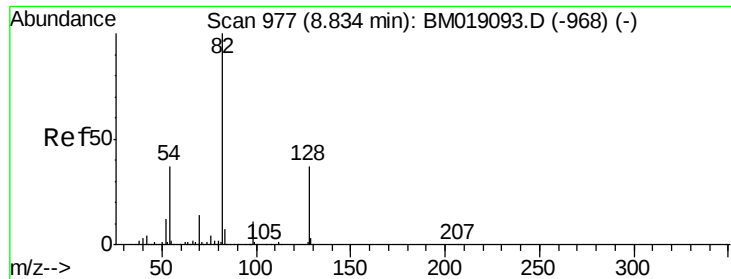
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





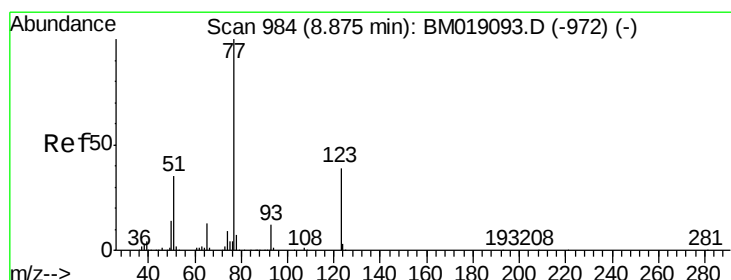
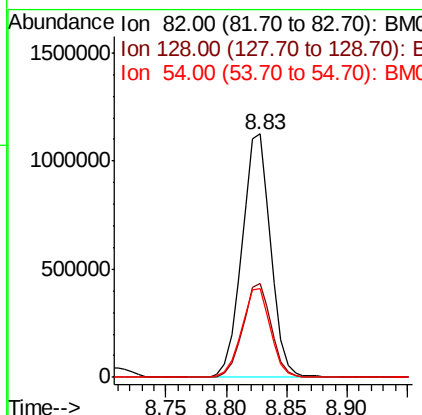
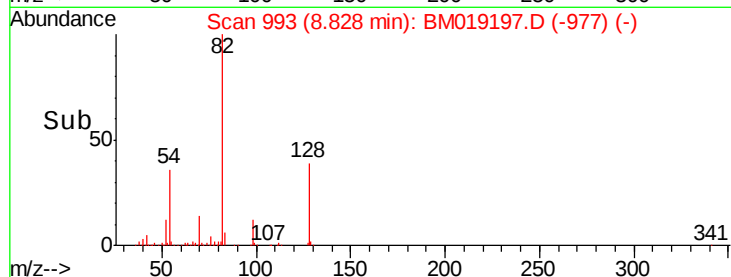
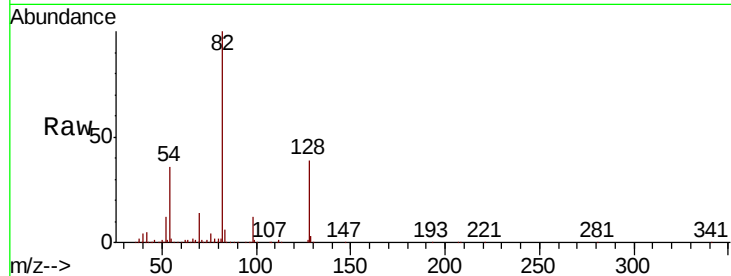
#23
Nitrobenzene-d5
Concen: 82.913 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	36.3	29.9	44.9

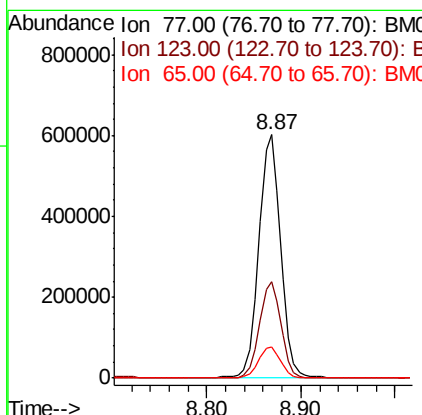
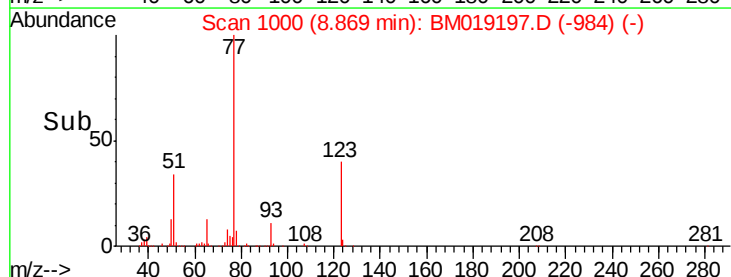
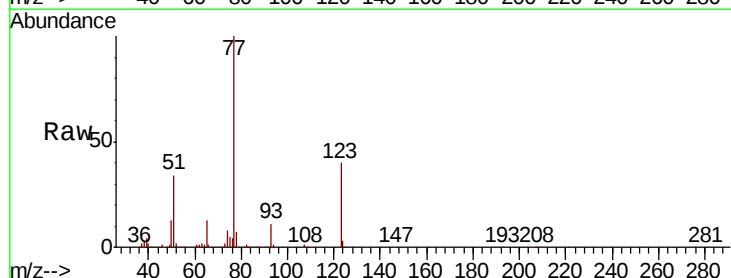
Manual Integrations
APPROVED

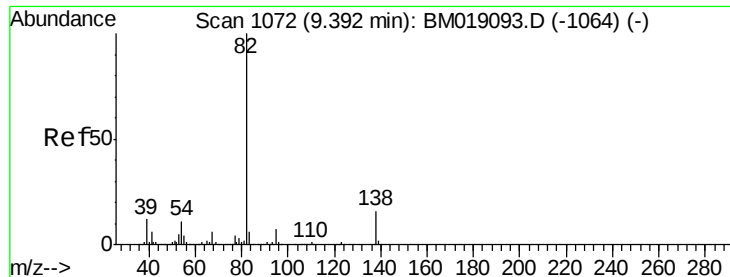
Sohil
3/18/2019 3:04:39 PM



#24
Nitrobenzene
Concen: 41.126 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	31.3	46.9
65	13.0	10.5	15.7





#25

Isophorone

Concen: 40.433 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1736125

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

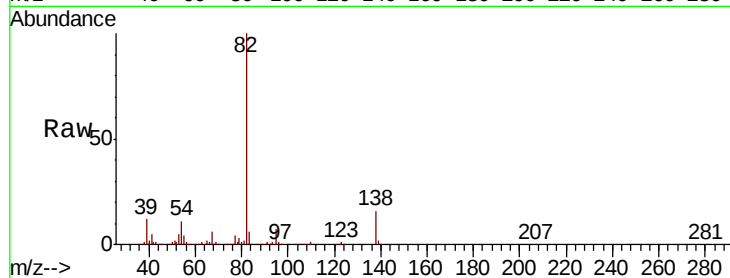
138 15.8 12.6 18.8

Manual Integrations

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Sohil

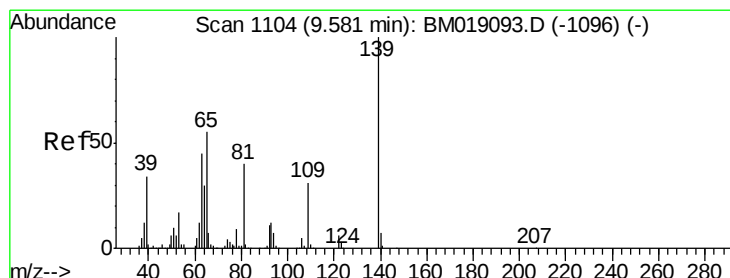
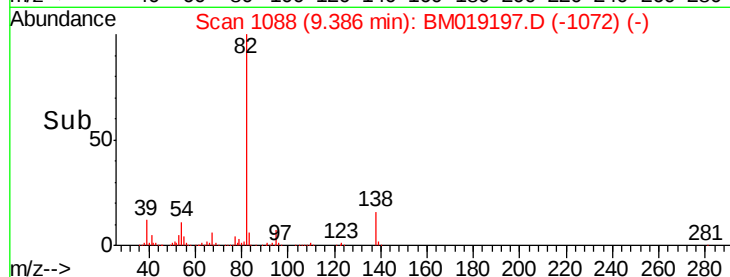
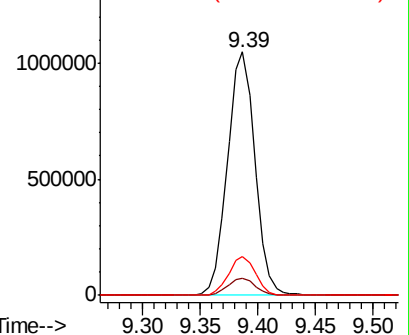
3/18/2019 3:04:39 PM



Abundance Ion 82.00 (81.70 to 82.70): BM019197.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019197.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019197.D (-1072) (-)



#26

2-Nitrophenol

Concen: 43.905 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

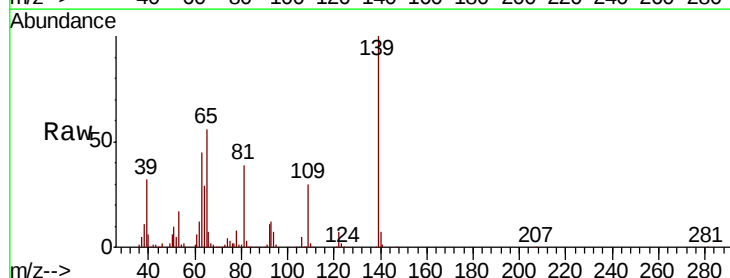
Tgt Ion: 139 Resp: 425905

Ion Ratio Lower Upper

139 100

109 30.4 24.5 36.7

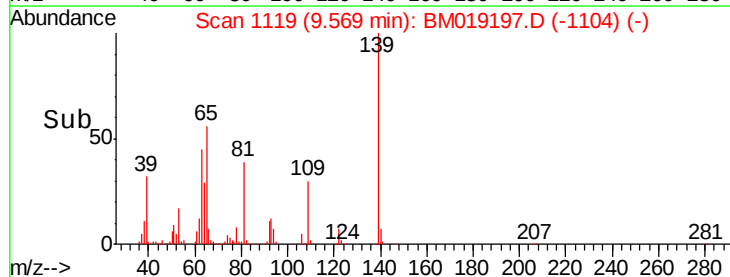
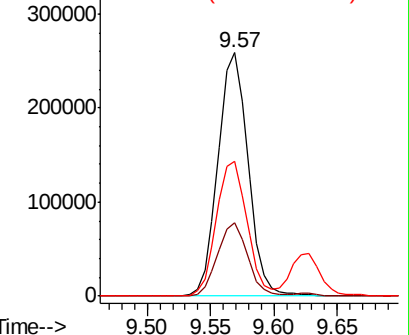
65 55.6 44.4 66.6



Abundance Ion 139.00 (138.70 to 139.70): BM019197.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM019197.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM019197.D (-1104) (-)





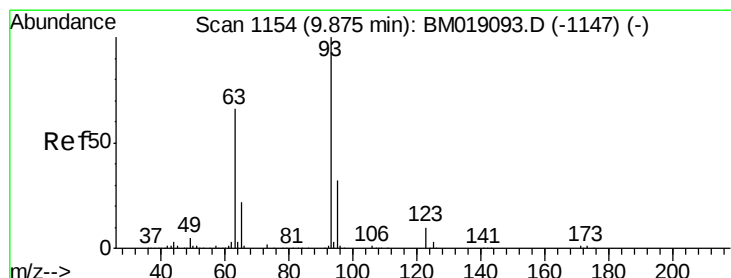
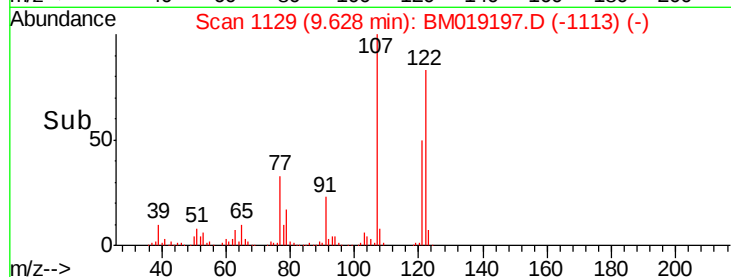
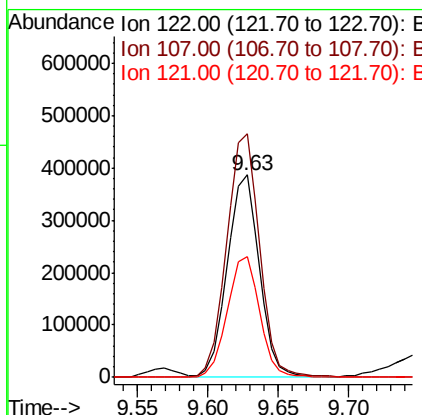
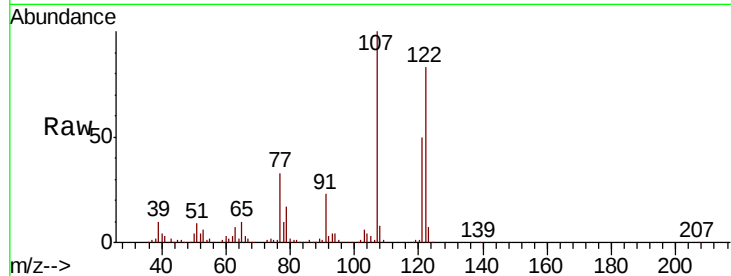
#27
2,4-Dimethylphenol
Concen: 42.271 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	98.2	147.4
121	59.7	48.8	73.2

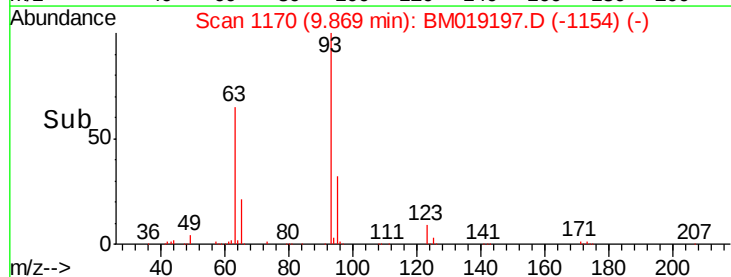
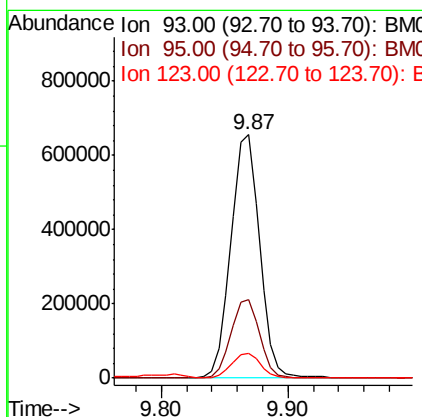
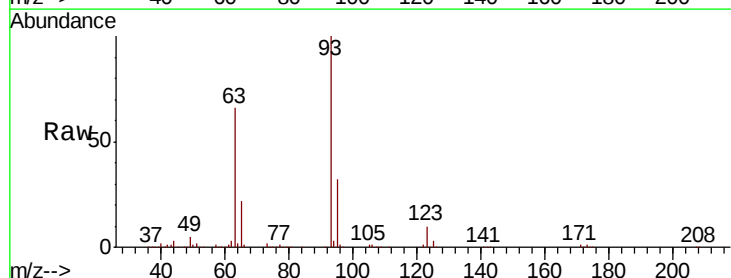
Manual Integrations
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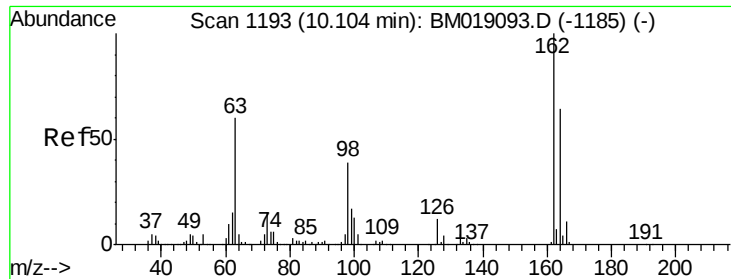
Sohil
3/18/2019 3:04:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.398 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	10.3	7.9	11.9





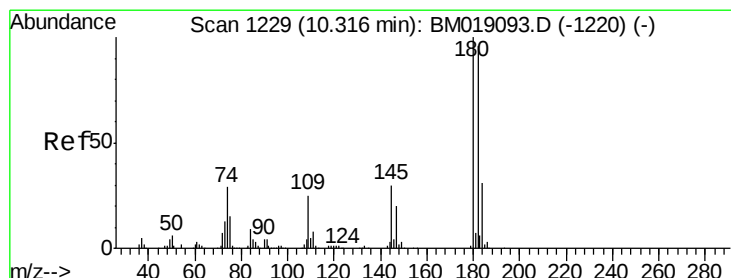
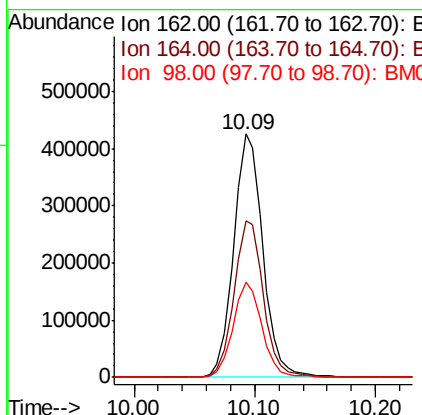
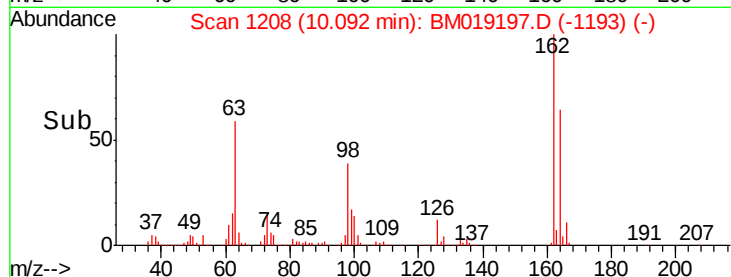
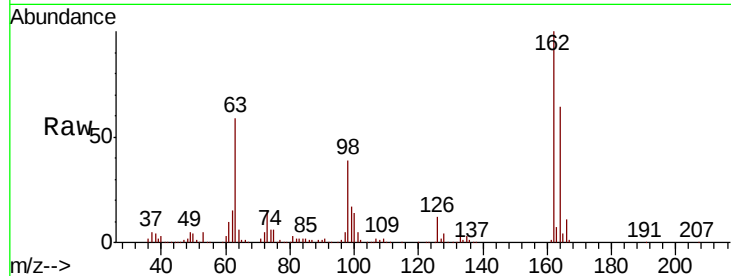
#29
2,4-Dichlorophenol
Concen: 44.986 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	718519		
164	64.1	43.5	83.5	
98	39.1	19.1	59.1	

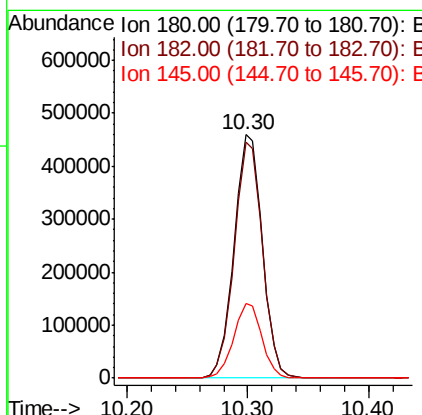
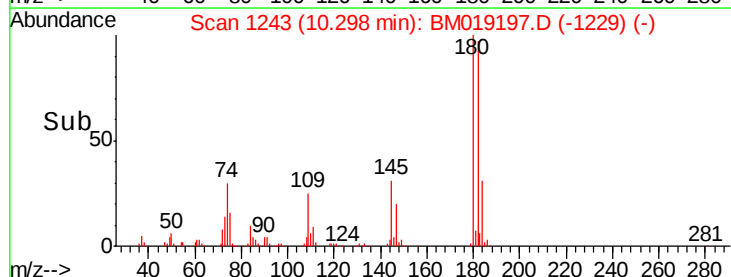
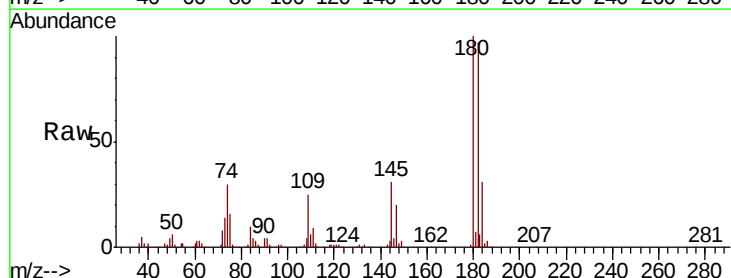
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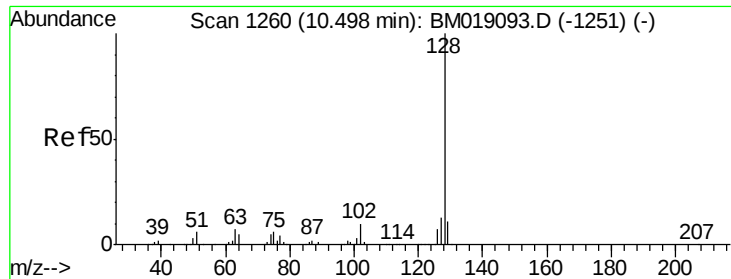
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#30
1,2,4-Trichlorobenzene
Concen: 41.720 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	751368		
182	97.0	76.6	114.8	
145	30.7	24.3	36.5	





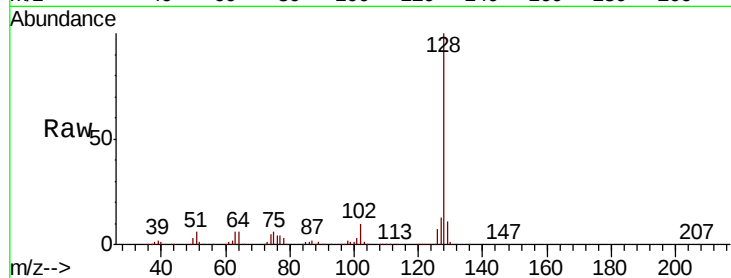
#31
Naphthalene
Concen: 41.069 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.4	15.6

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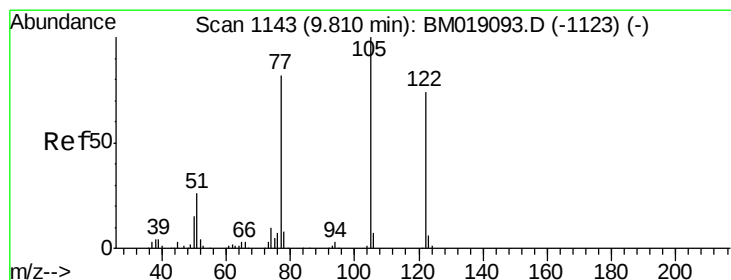
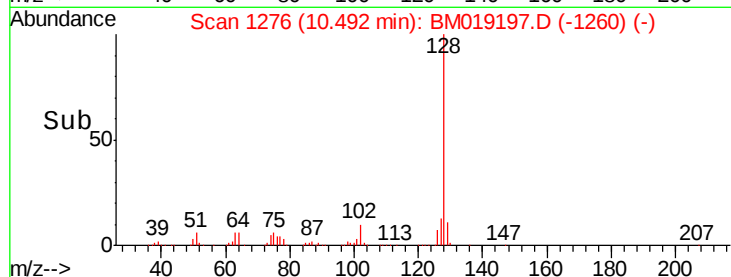
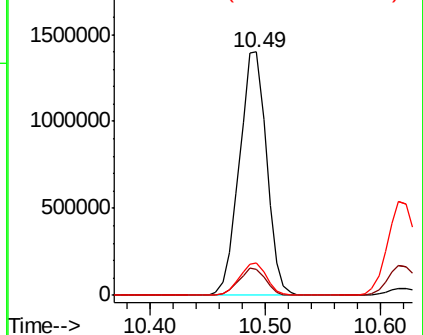


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.079 ng
RT: 9.82 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

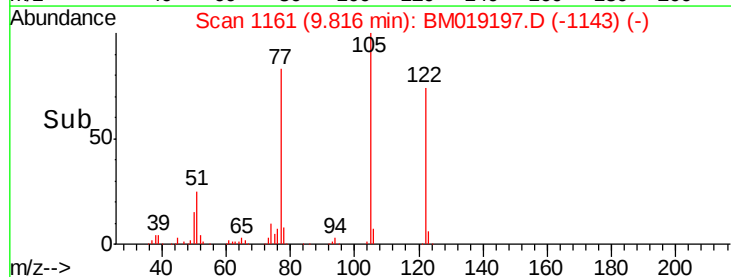
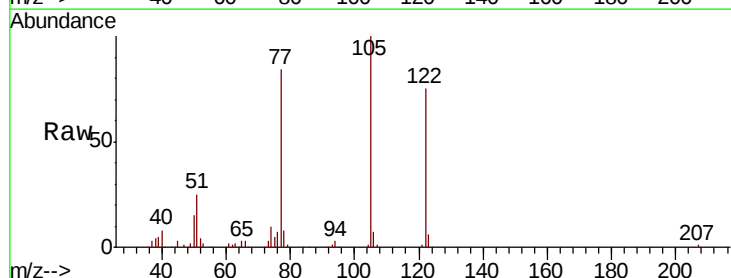
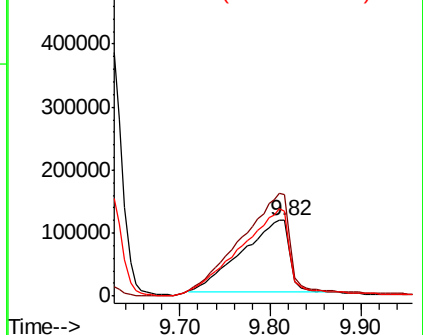
Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.1	113.0	153.0
77	111.3	90.1	130.1

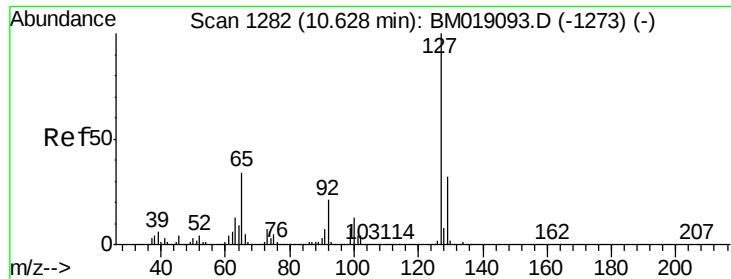
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





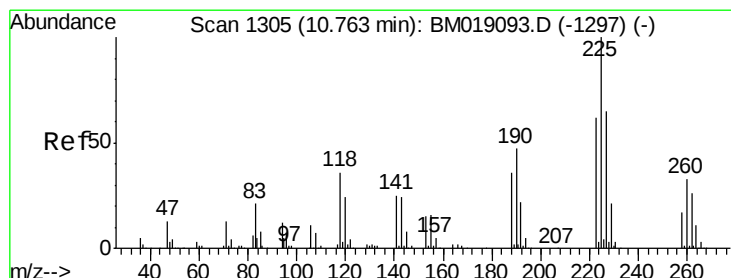
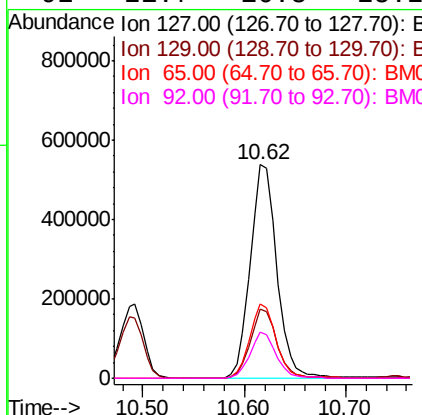
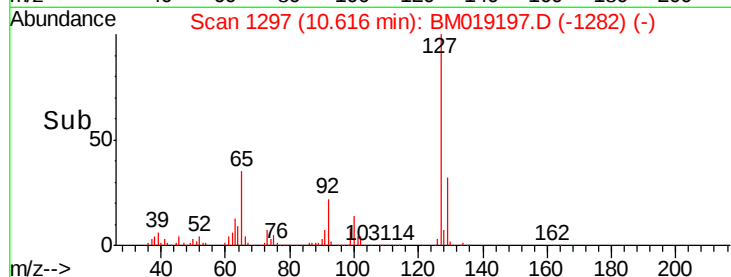
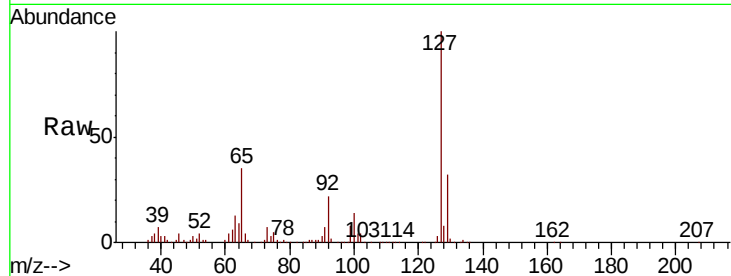
#33
4-Chloroaniline
Concen: 42.716 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.3	37.9		
65	34.8	27.4	41.2		
92	21.7	16.8	25.2		

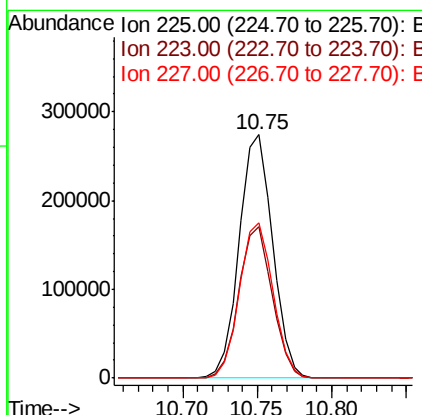
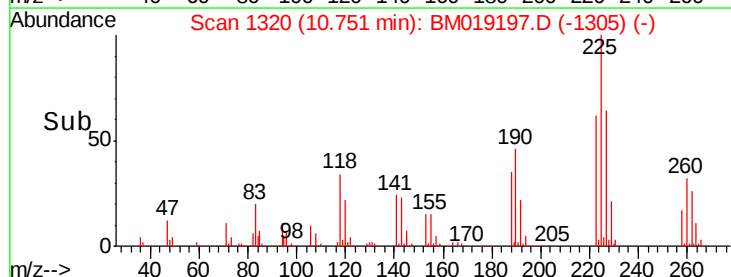
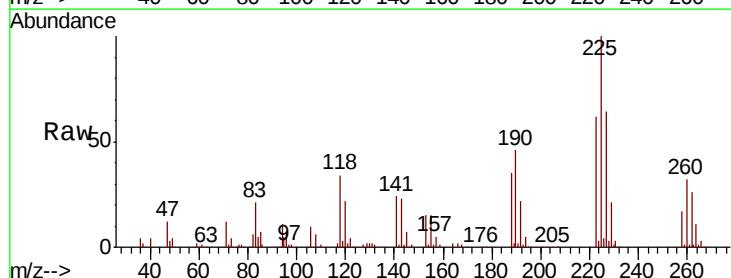
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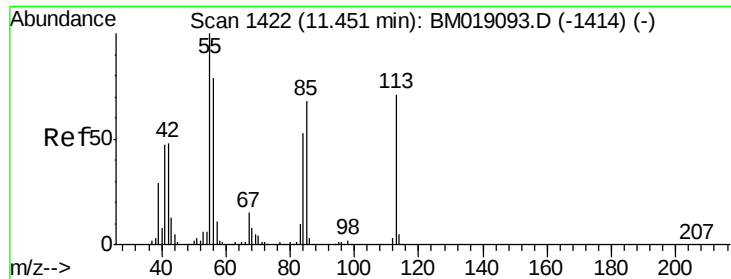
Sohil
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#34
Hexachlorobutadiene
Concen: 41.283 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.4	74.0		
227	64.0	51.6	77.4		





#35

Caprolactam

Concen: 43.851 ng/ml

RT: 11.45 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

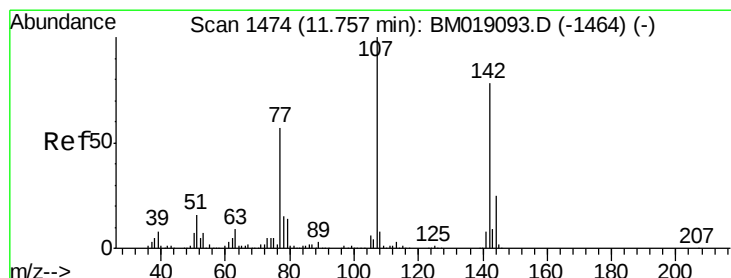
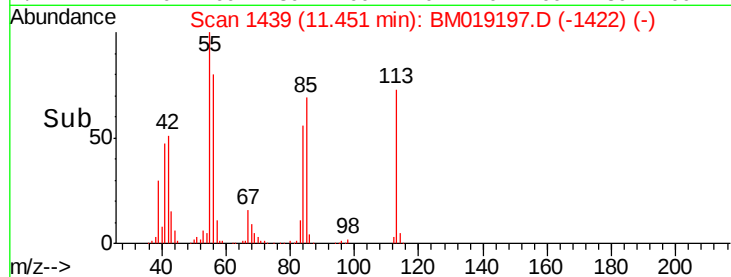
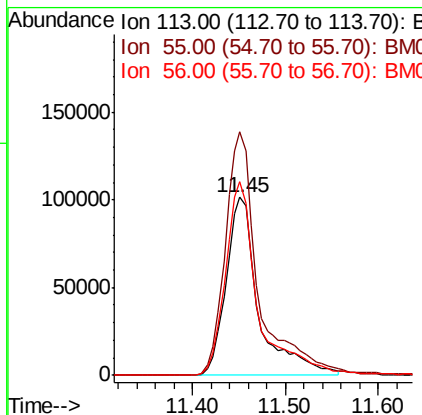
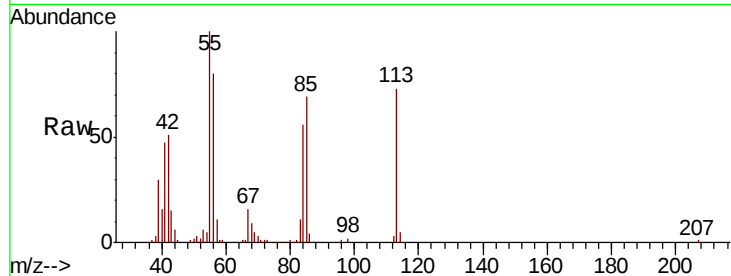
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	249497
Ion Ratio	Lower	Upper	
113	100		
55	136.6	120.1	160.1
56	108.8	90.1	130.1

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#36

4-Chloro-3-methylphenol

Concen: 43.251 ng/ml

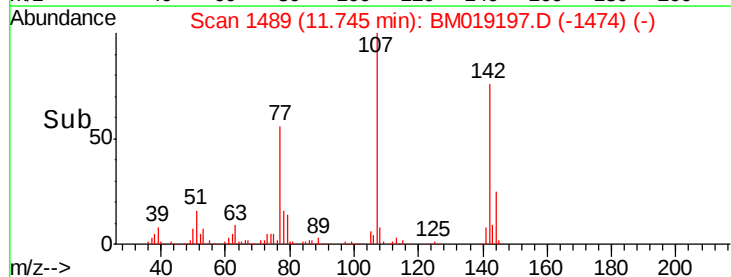
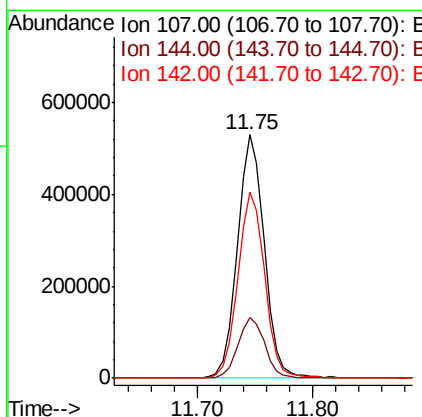
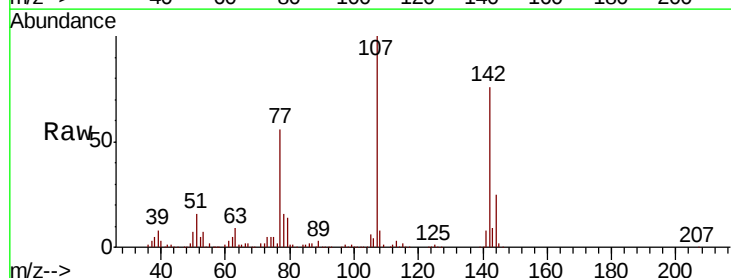
RT: 11.75 min Scan# 1489

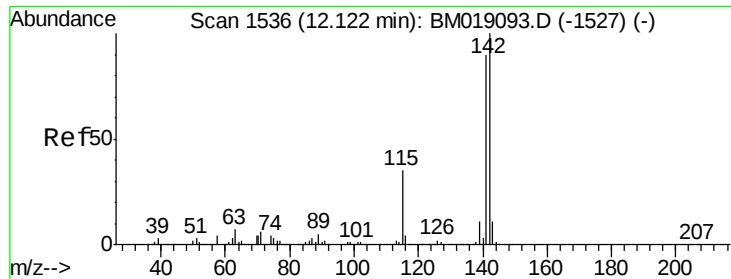
Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Tgt Ion:	107	Resp:	852383
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.2	30.4
142	76.5	62.4	93.6





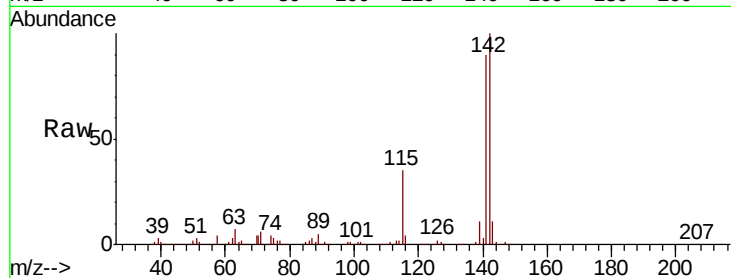
#37
2-Methylnaphthalene
Concen: 41.304 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

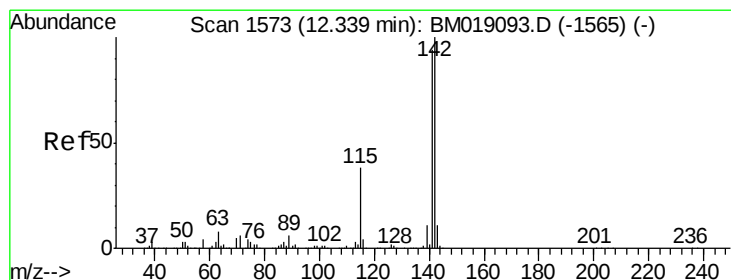
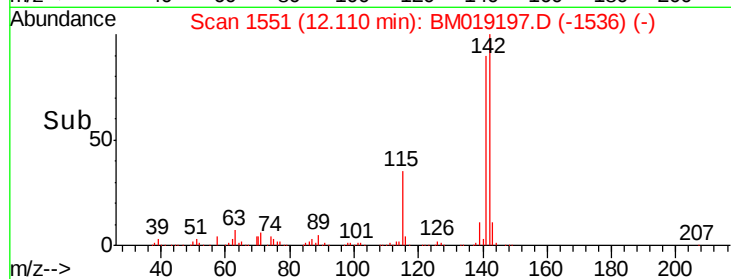
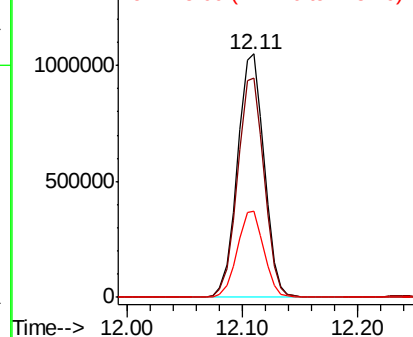
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5
115	35.3	27.8	41.8

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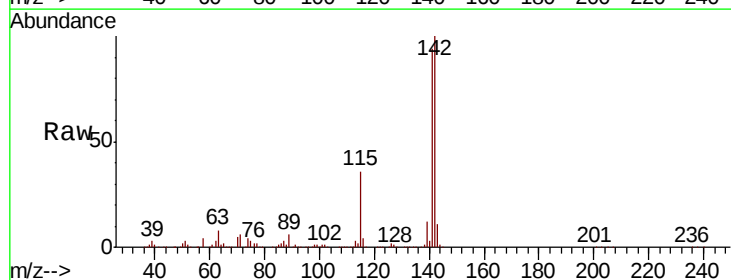


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

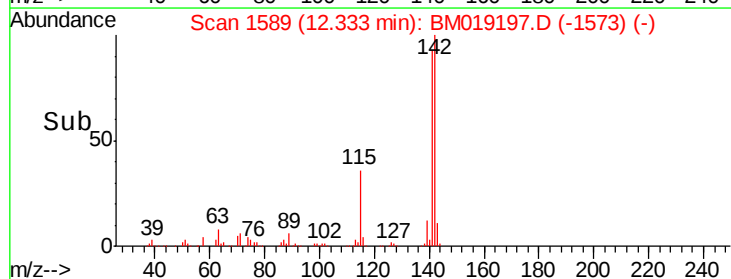
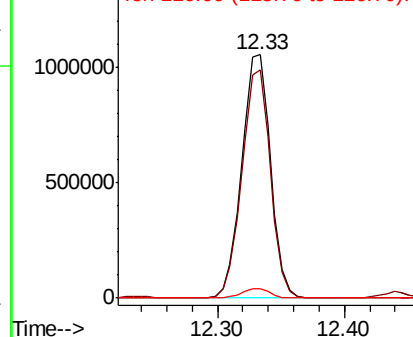


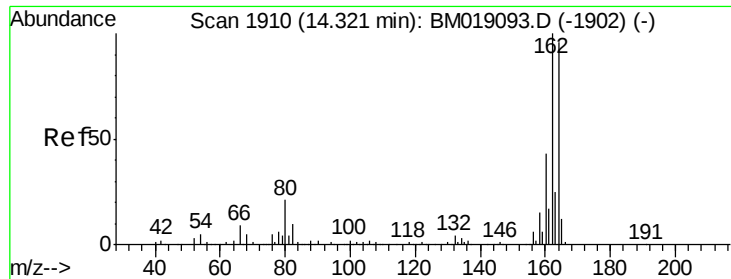
#38
1-Methylnaphthalene
Concen: 41.067 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.9	112.3
116	3.8	3.2	4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





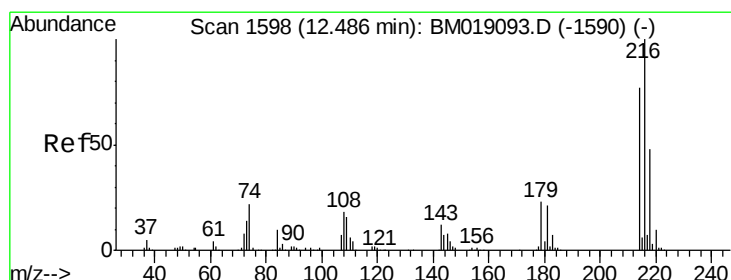
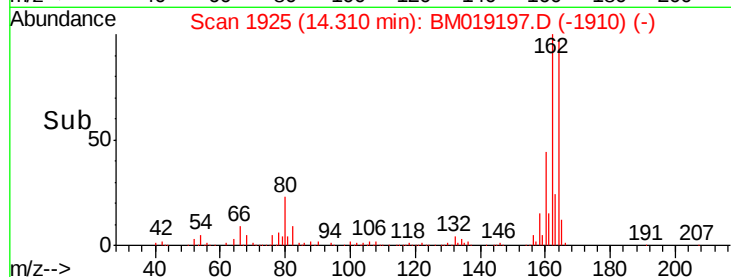
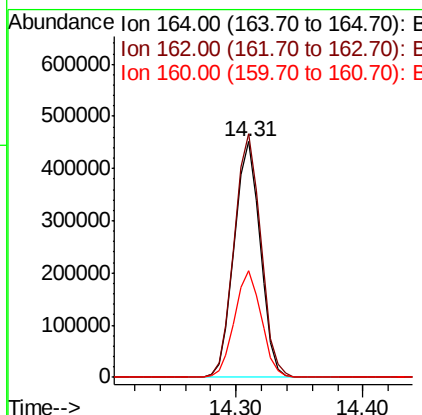
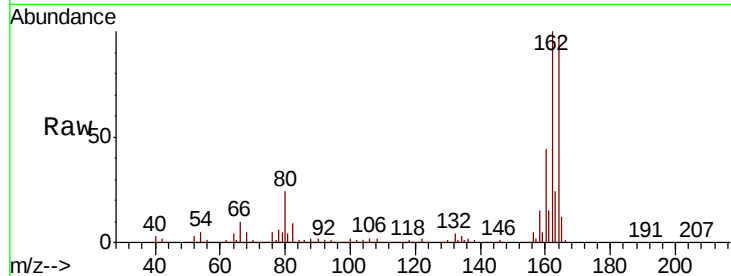
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.5	125.3
160	45.1	36.3	54.5

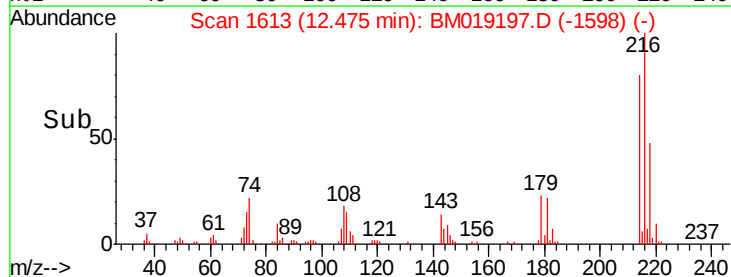
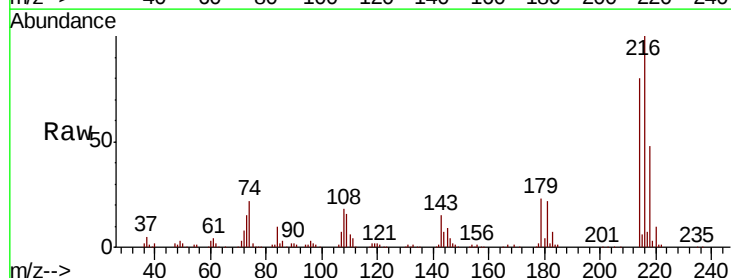
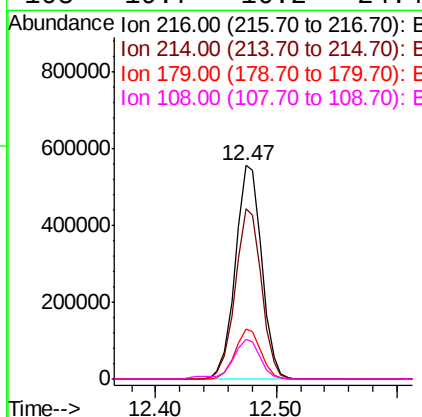
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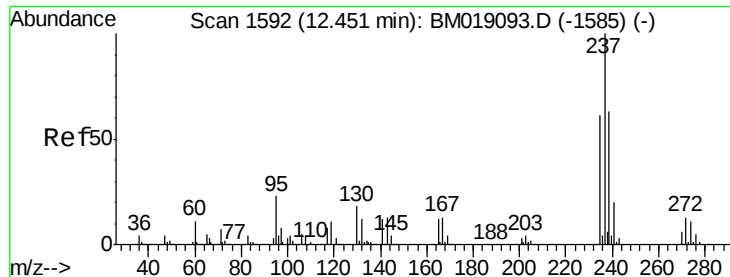
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.018 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.9	94.3
179	22.8	18.0	27.0
108	19.7	16.2	24.4





#41

Hexachlorocyclopentadiene

Concen: 33.504 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

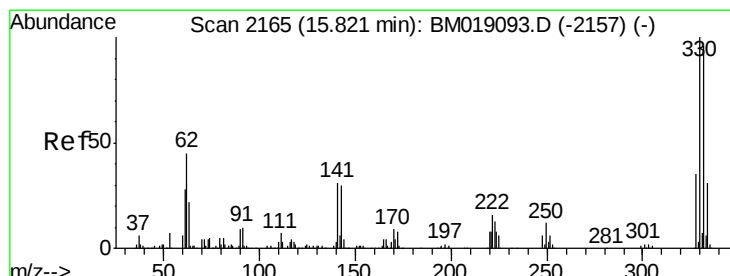
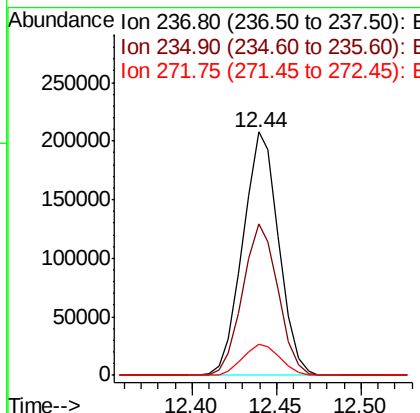
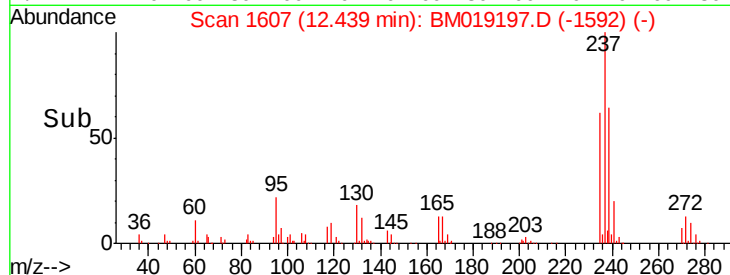
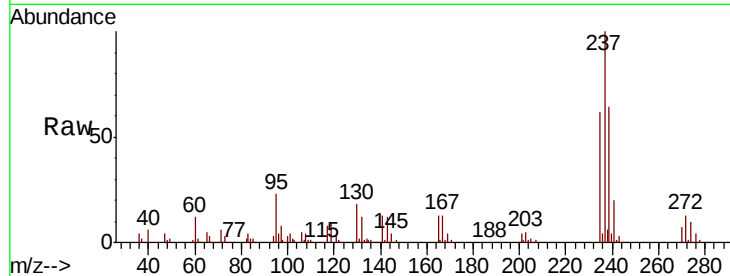
ClientSampleId :

SSTDCCC040EC

Tot Ion:	237	Resp:	306437
Ion Ratio	Lower	Upper	
237	100		
235	62.4	41.3	81.3
272	13.0	0.0	33.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 85.355 ng

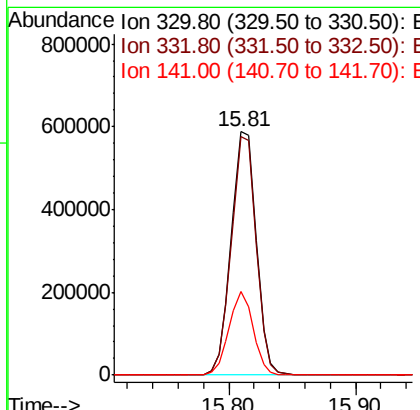
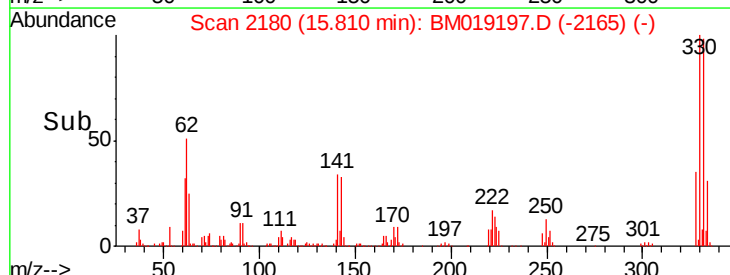
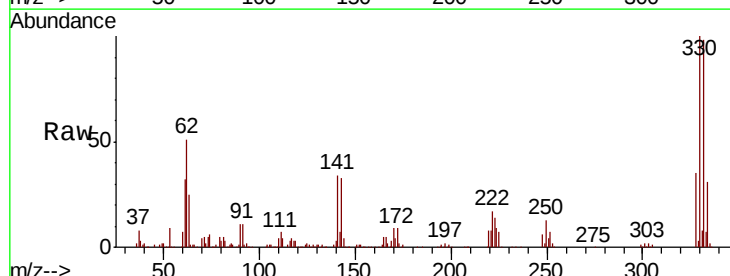
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Tgt Ion:	330	Resp:	804457
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.8	115.2
141	33.1	27.0	40.4





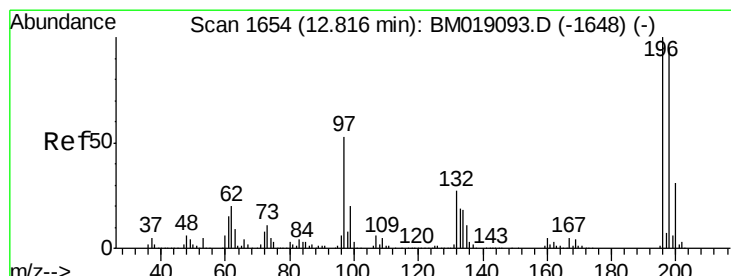
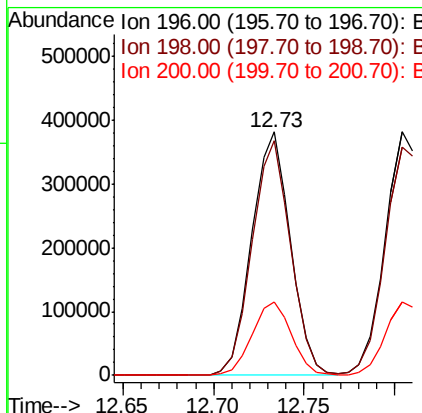
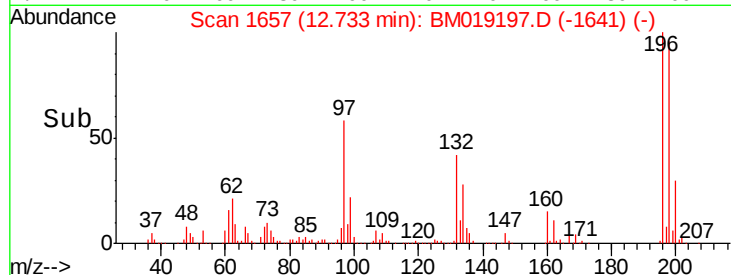
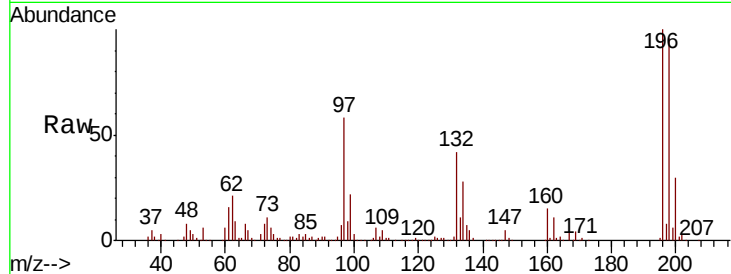
#43
 2,4,6-Trichlorophenol
 Concen: 43.442 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Instrument :
 BNA_M
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	566876		
198	96.4	75.4	113.0	
200	30.3	24.2	36.2	

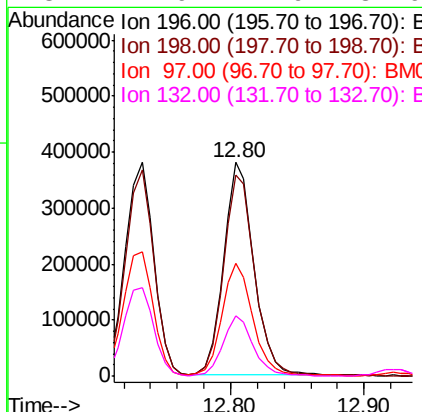
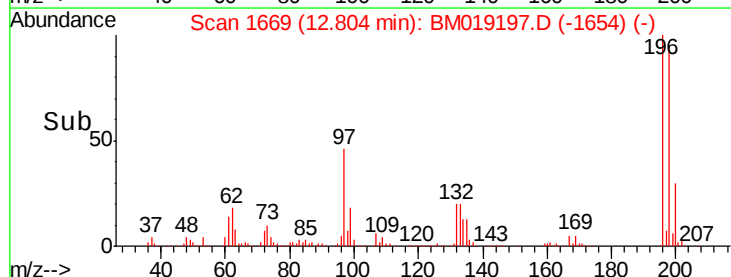
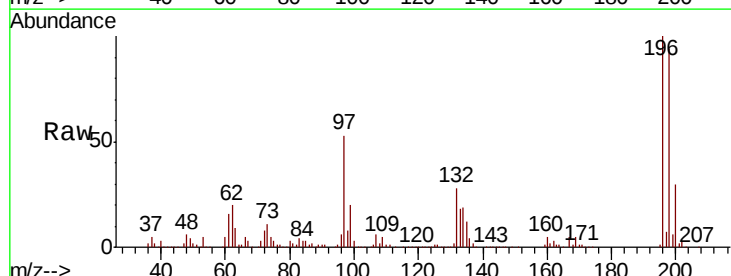
Manual Integrations
 APPROVED

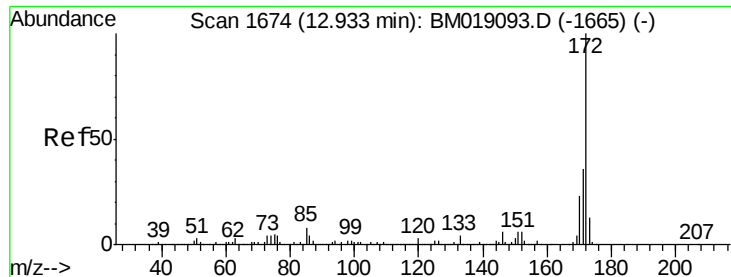
Sohil
 3/18/2019 3:04:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.074 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	601038		
198	93.9	75.9	113.9	
97	52.8	42.5	63.7	
132	27.9	21.9	32.9	





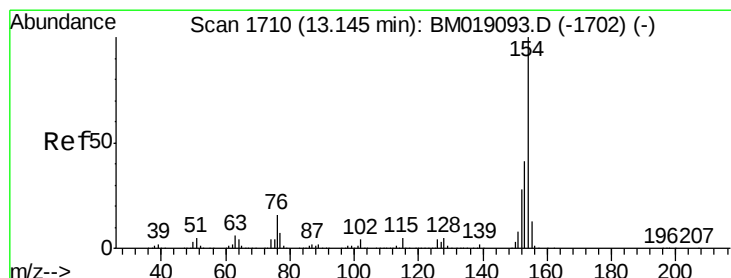
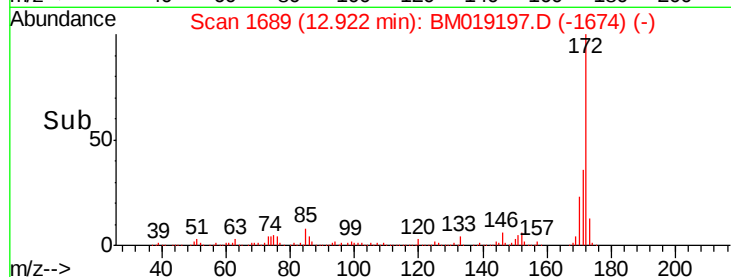
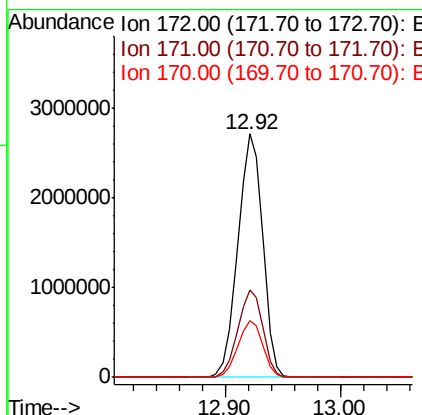
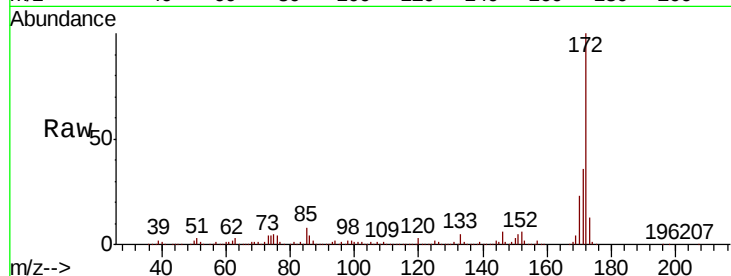
#45
2-Fluorobiphenyl
Concen: 81.980 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.5	18.6	28.0

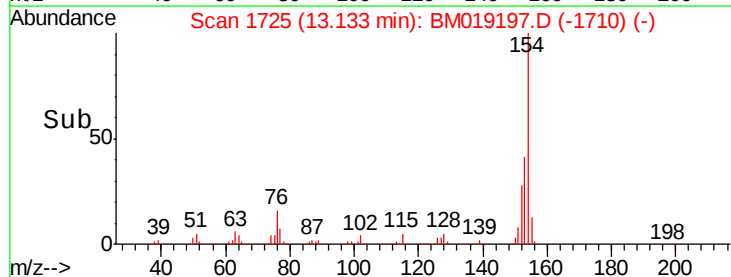
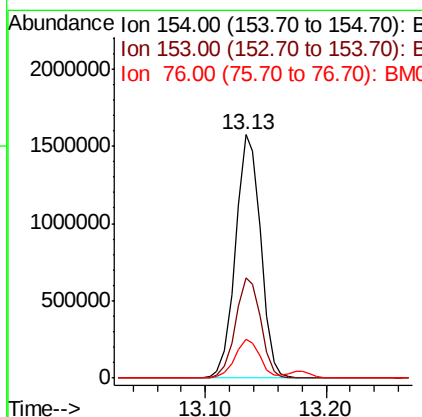
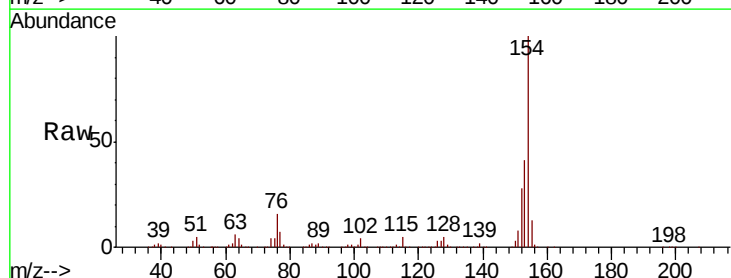
Manual Integrations
APPROVED

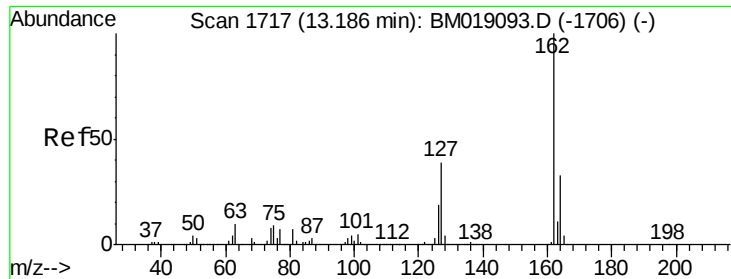
Sohil
3/18/2019 3:04:39 PM



#46
1,1'-Biphenyl
Concen: 40.859 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	15.9	0.0	35.8





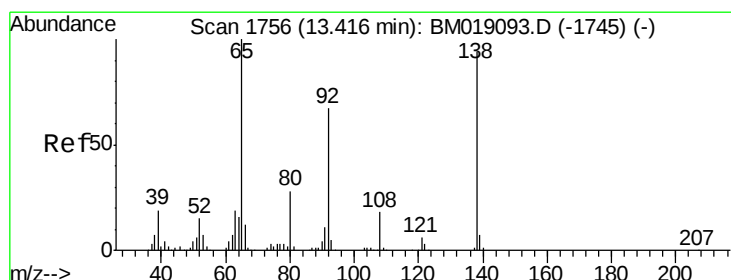
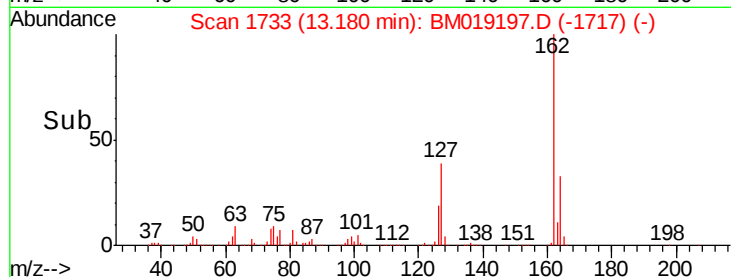
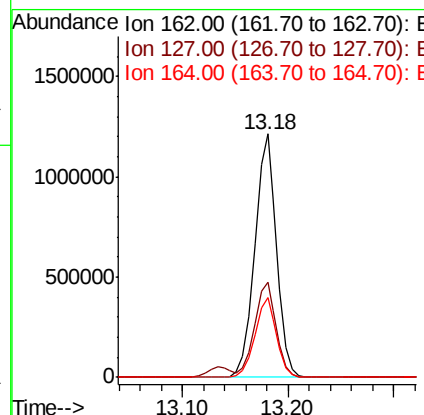
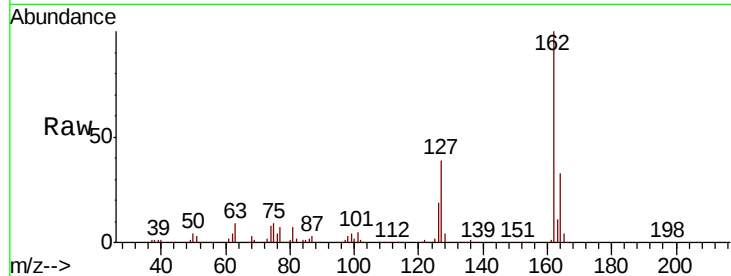
#47
2-Chloronaphthalene
Concen: 41.640 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.2	46.8
164	32.9	26.3	39.5

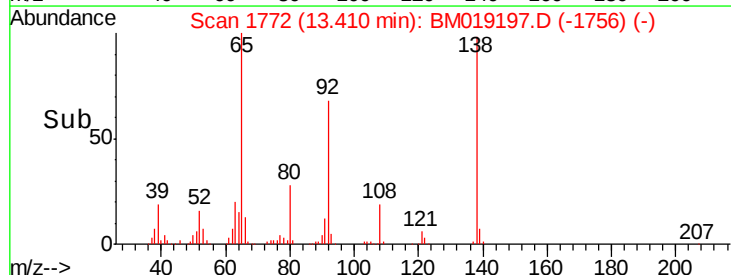
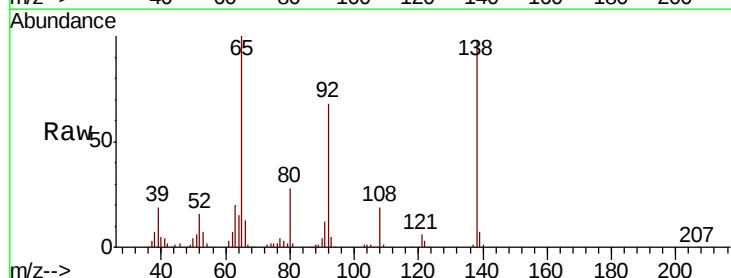
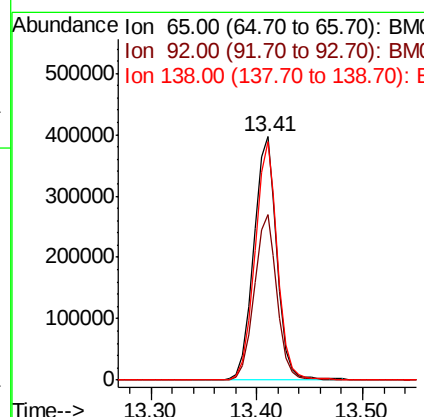
Manual Integrations
APPROVED

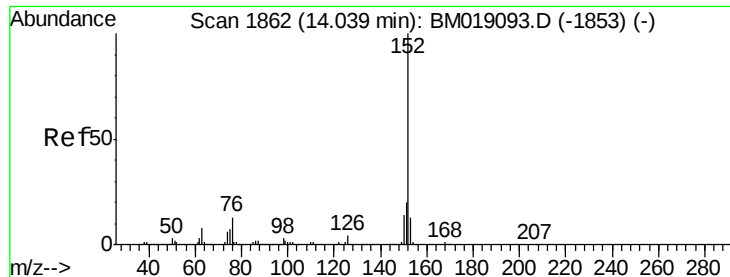
Sohil
3/18/2019 3:04:39 PM



#48
2-Nitroaniline
Concen: 43.435 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.4	80.2
138	97.8	74.9	112.3





#49

Acenaphthylene

Concen: 41.246 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 2901978

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

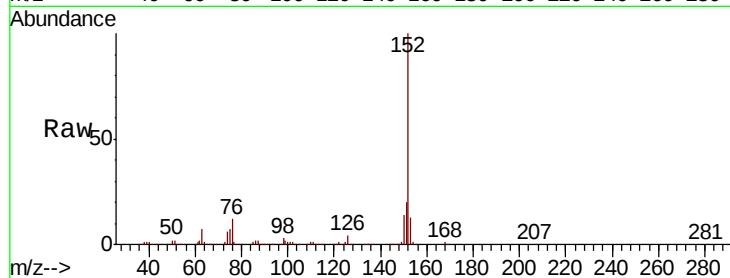
153 13.0 10.6 15.8

Manual Integrations

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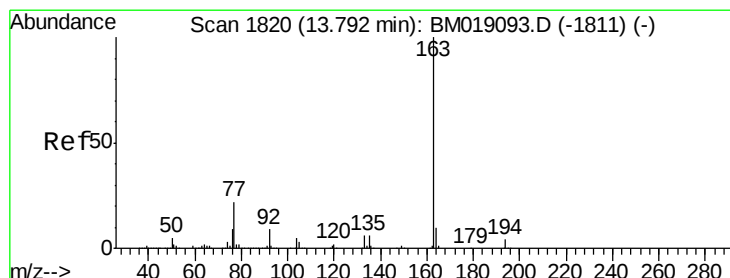
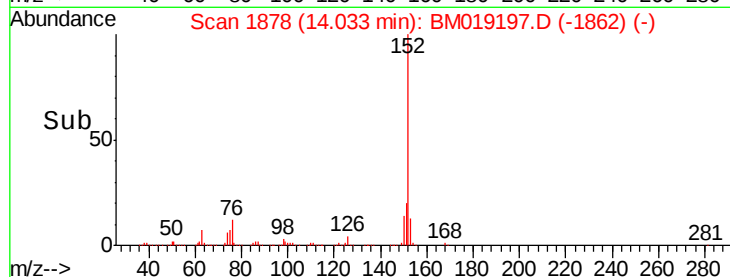
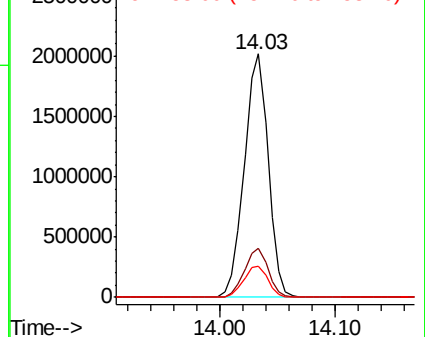


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.751 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

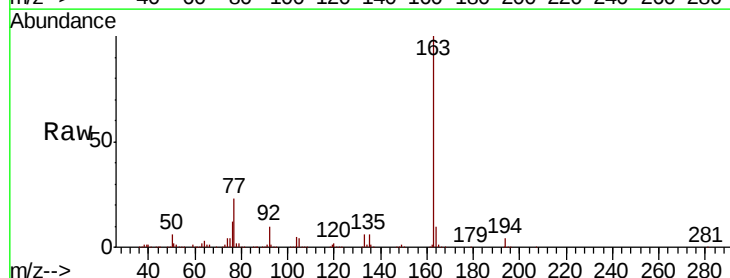
Tgt Ion:163 Resp: 2170693

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 7.7 11.5

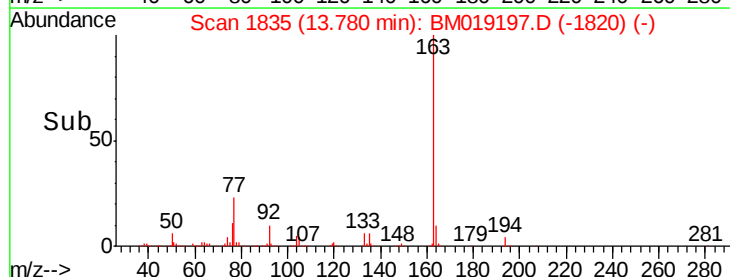
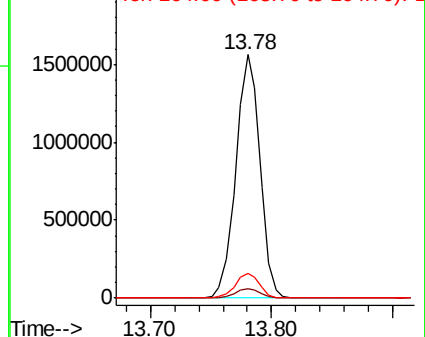


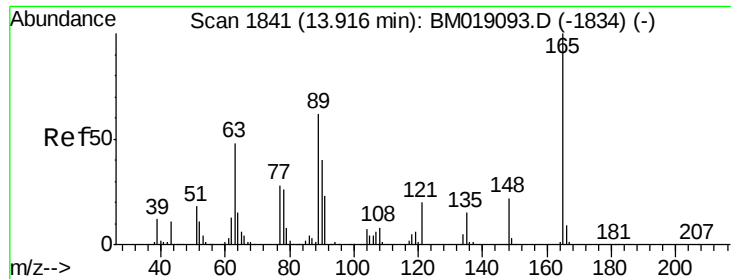
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





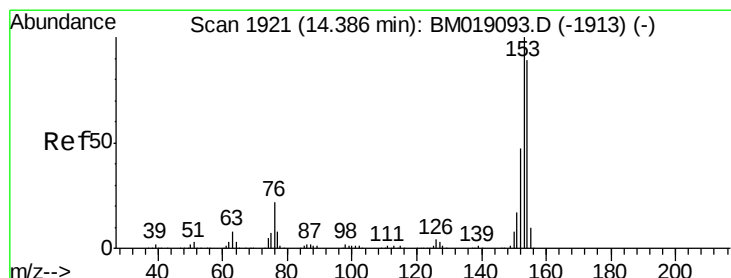
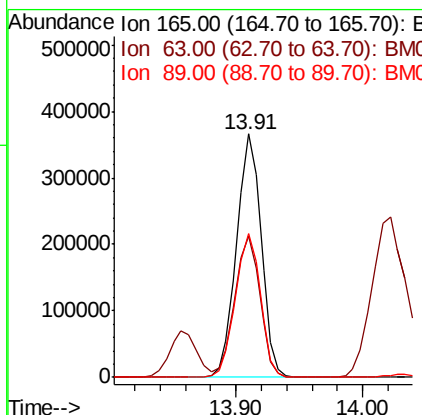
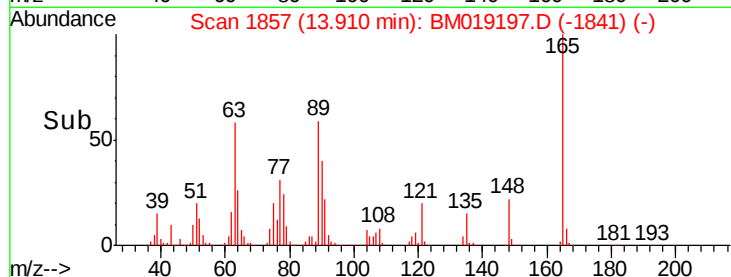
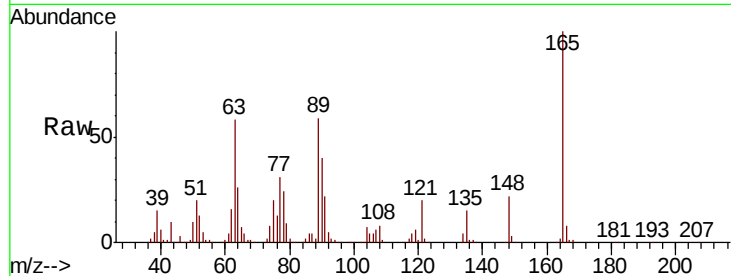
#51
2,6-Dinitrotoluene
Concen: 41.689 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	492117		
63	57.9	48.2	72.4	
89	59.0	49.3	73.9	

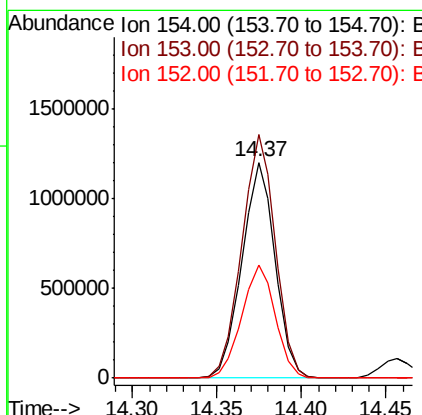
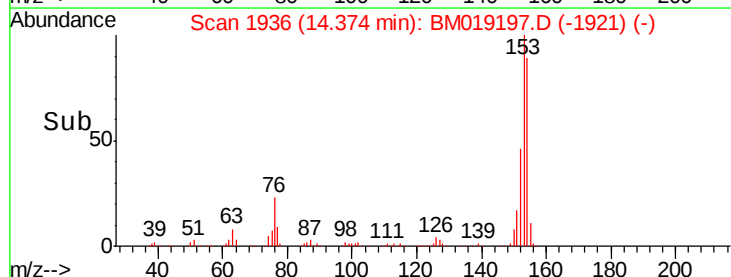
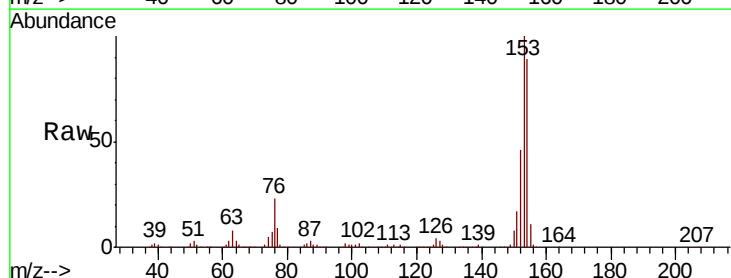
Manual Integrations
APPROVED

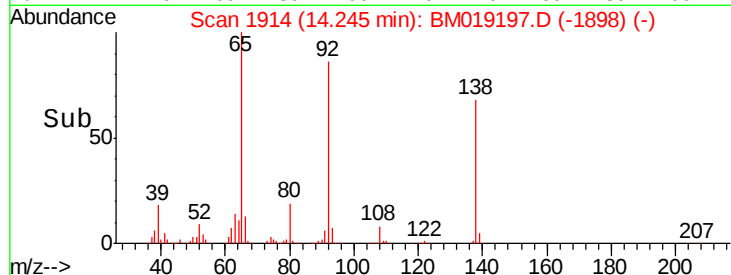
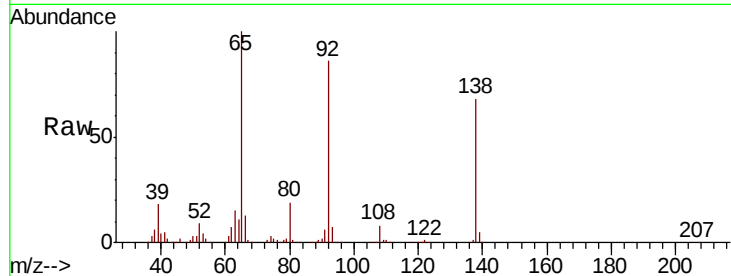
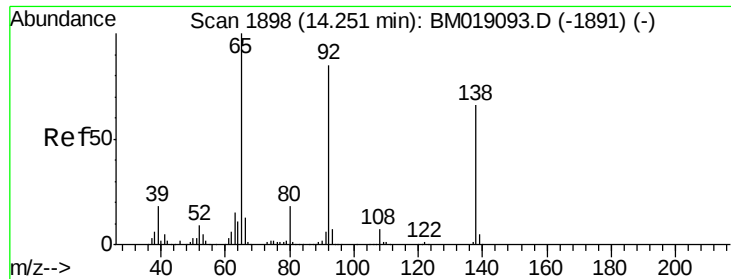
Sohil
3/18/2019 3:04:39 PM



#52
Acenaphthene
Concen: 40.717 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1646109		
153	112.7	90.1	135.1	
152	52.3	42.5	63.7	





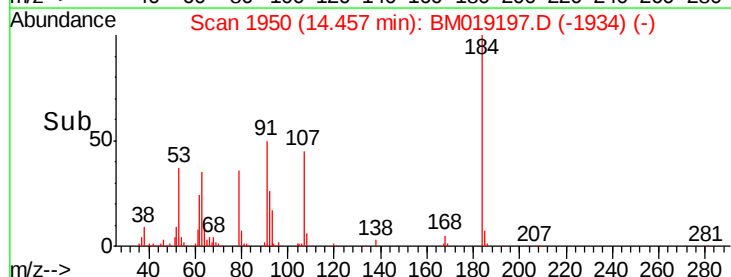
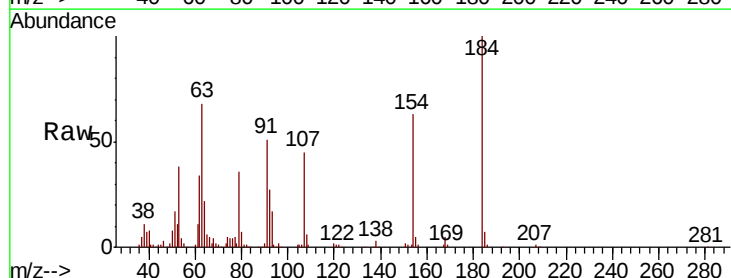
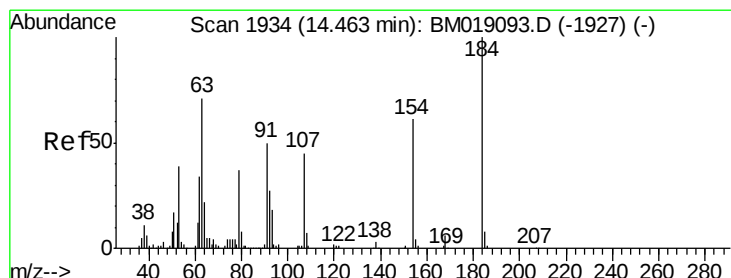
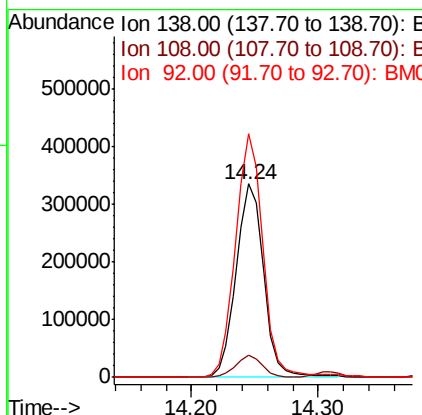
#53
3-Nitroaniline
Concen: 40.445 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tot Ion	Ratio	Resp	Lower	Upper
138	100	505655		
108	11.5	9.0	13.4	
92	125.8	102.6	153.8	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

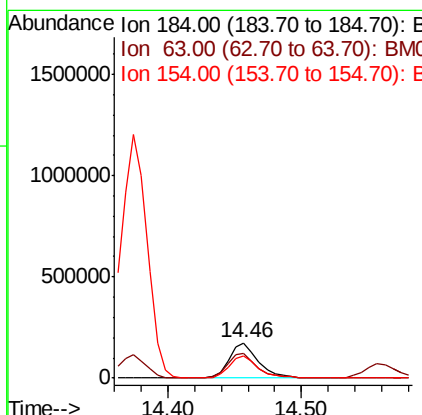
Manual Integrations
APPROVED

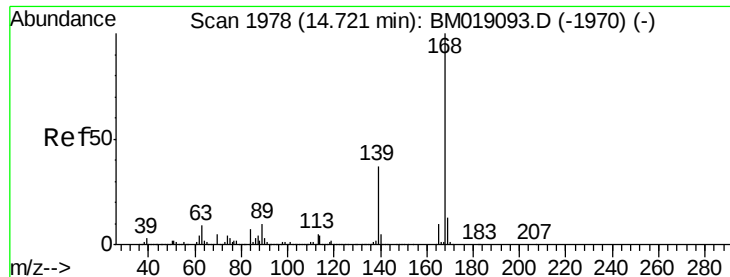
Sohil
3/18/2019 3:04:39 PM



#54
2,4-Dinitrophenol
Concen: 38.921 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	266817		
63	68.0	56.7	85.1	
154	63.0	49.3	73.9	





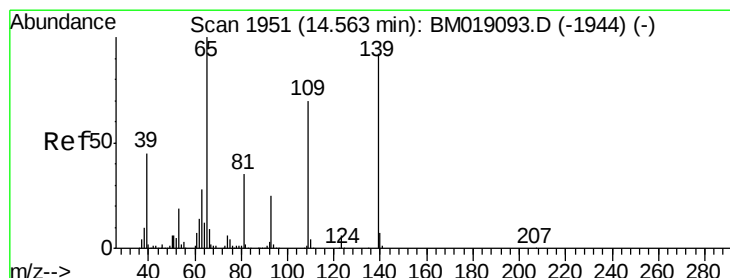
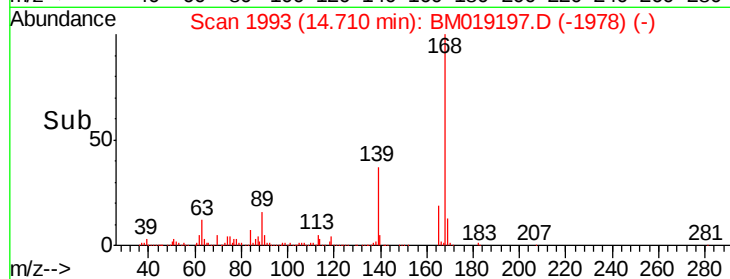
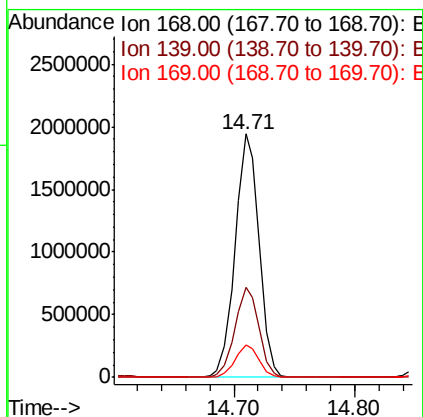
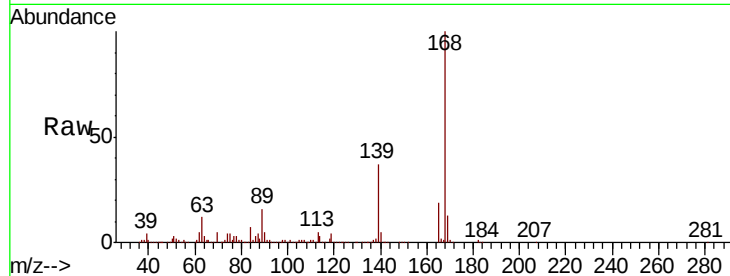
#55
Dibenzofuran
Concen: 41.096 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.2	10.6	16.0

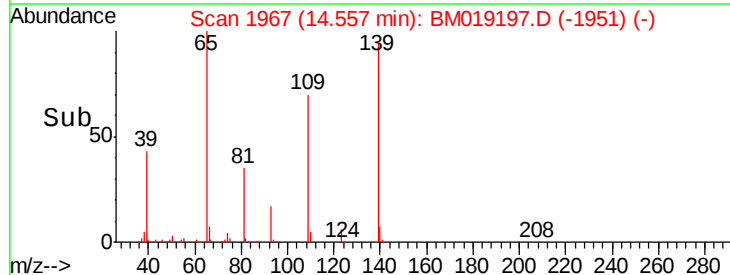
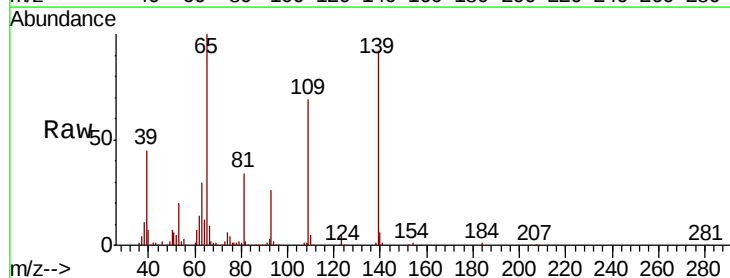
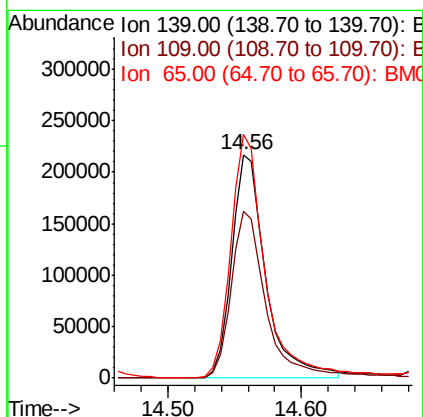
Manual Integrations
APPROVED

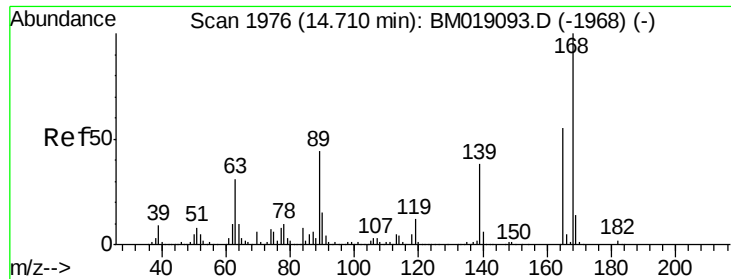
Sohil
3/18/2019 3:04:39 PM



#56
4-Nitrophenol
Concen: 37.686 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	56.3	96.3
65	109.1	89.2	129.2





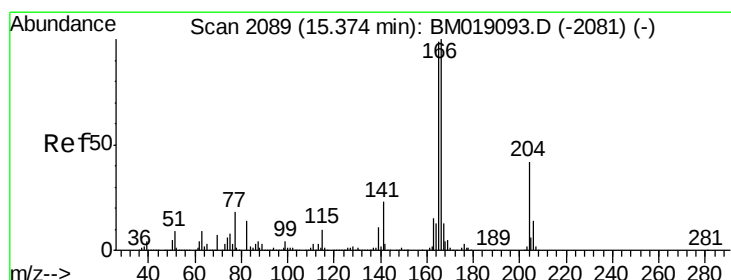
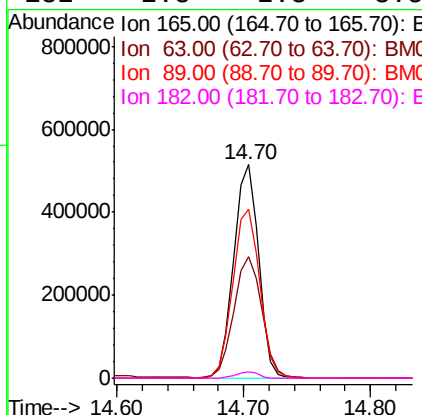
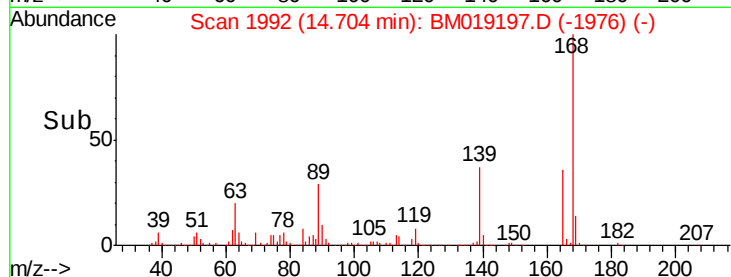
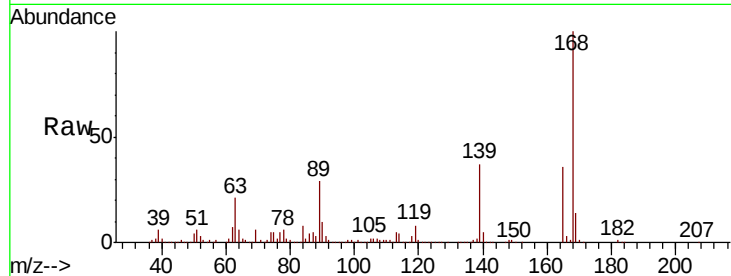
#57
2,4-Dinitrotoluene
Concen: 40.802 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	699143		
63	57.1	44.7	67.1	
89	79.1	63.4	95.2	
182	2.8	2.3	3.5	

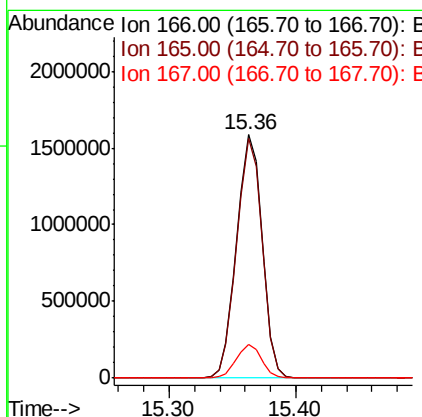
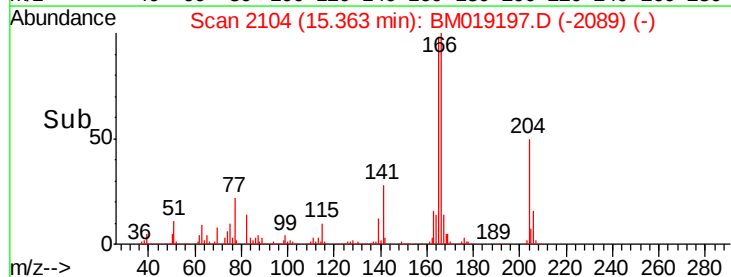
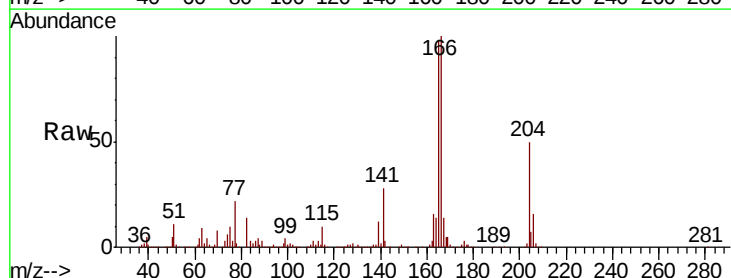
Manual Integrations
APPROVED

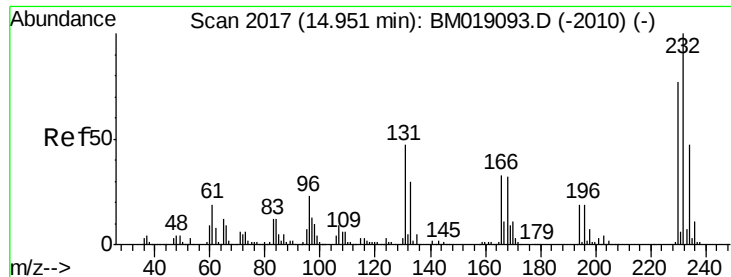
Sohil
3/18/2019 3:04:39 PM



#58
Fluorene
Concen: 41.130 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2210406		
165	98.5	79.0	118.4	
167	13.6	10.8	16.2	





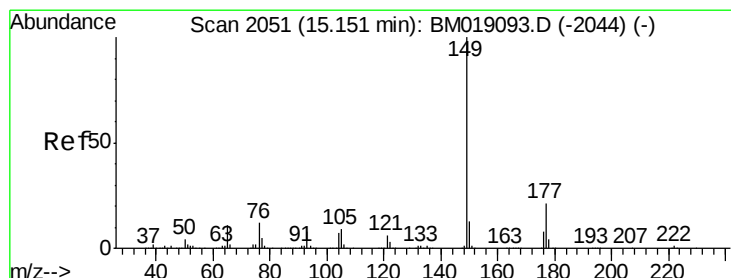
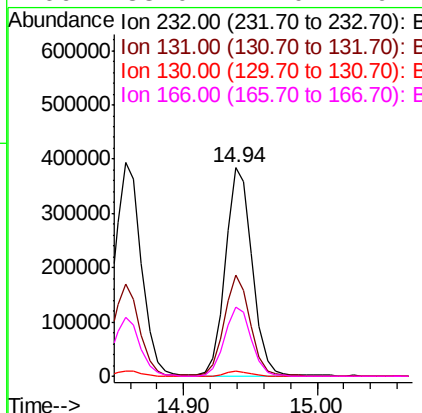
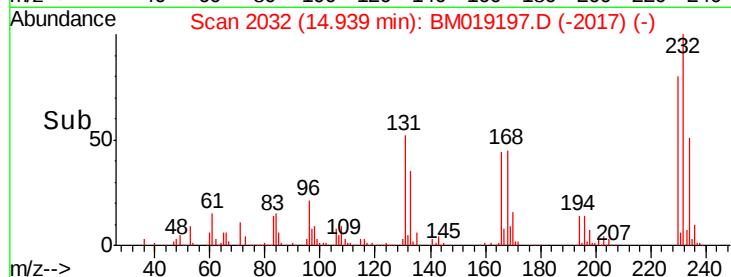
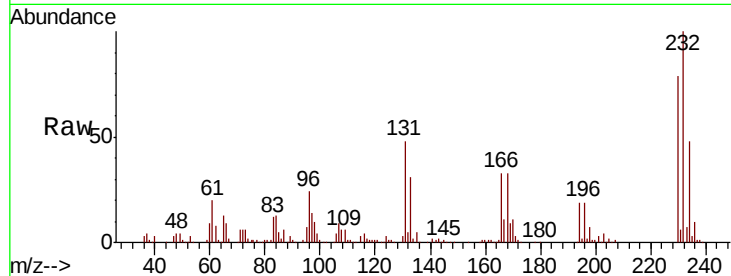
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.267 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	38.2	57.2
130	2.5	1.9	2.9
166	33.0	27.0	40.4

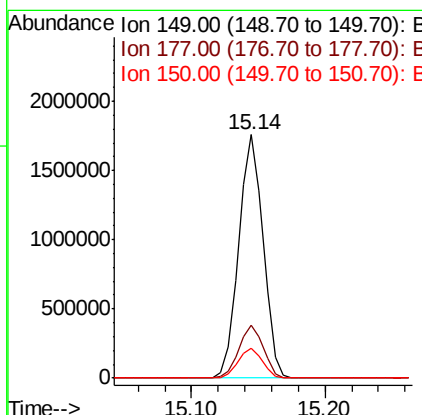
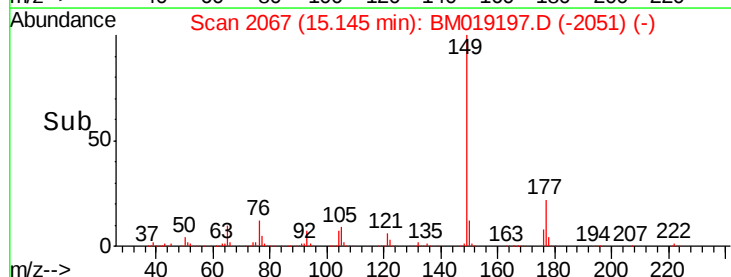
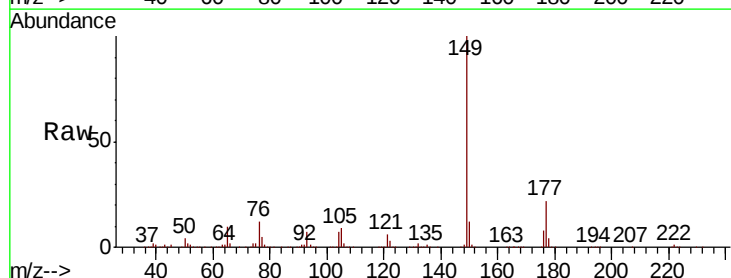
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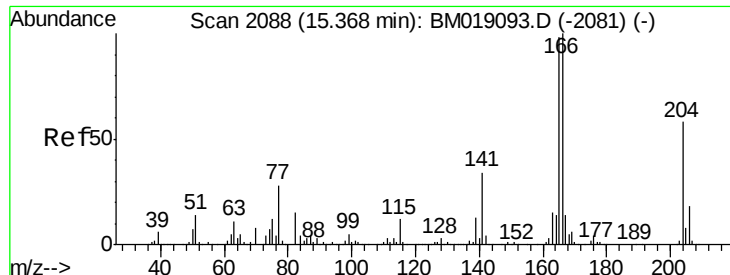
Sohil
3/18/2019 3:04:39 PM



#60
Diethylphthalate
Concen: 40.144 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.3	10.2	15.4





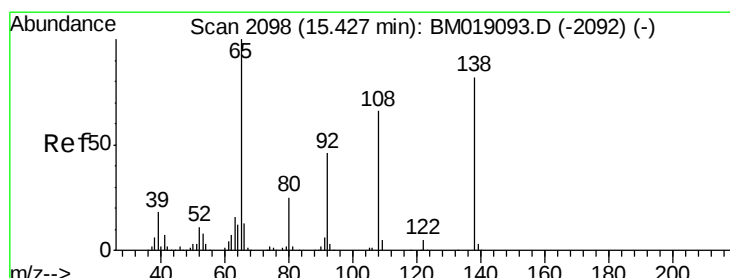
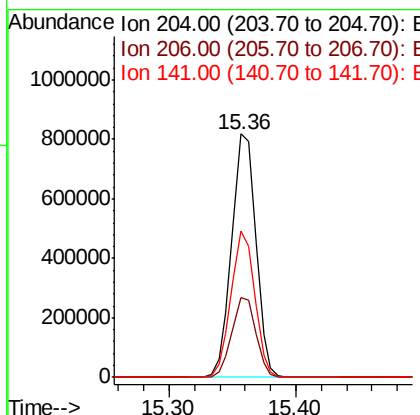
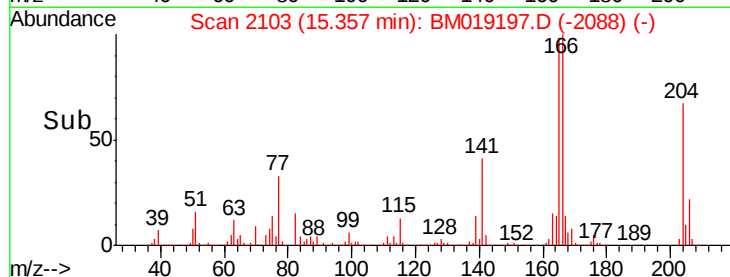
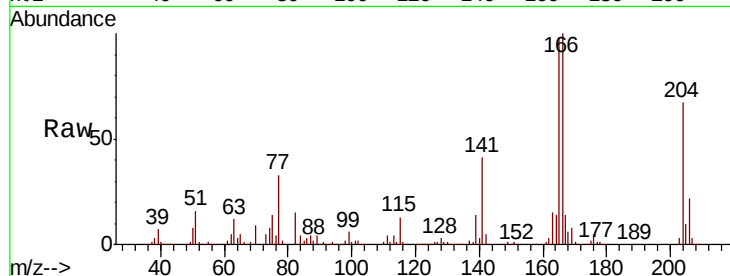
#61
4-Chlorophenyl-phenylether
Concen: 41.434 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleID :
SSTDCCC040EC

Tot Ion:204 Resp: 1081484
Ion Ratio Lower Upper
204 100
206 32.8 25.5 38.3
141 60.1 47.8 71.8

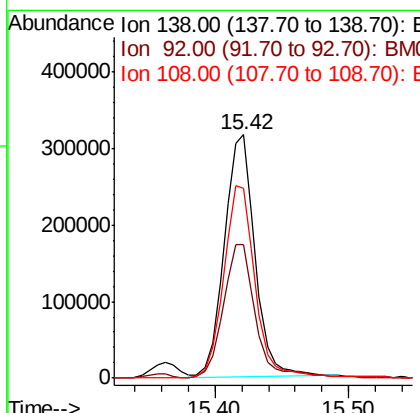
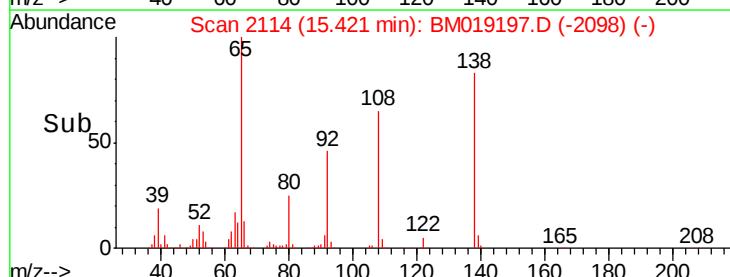
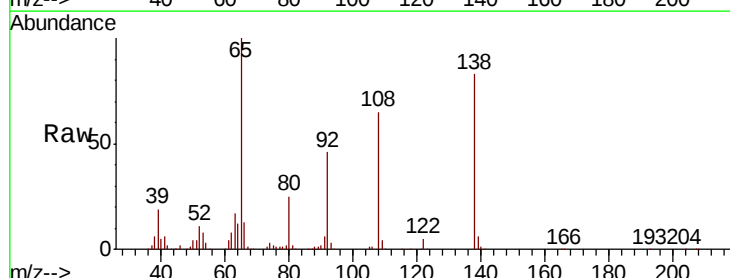
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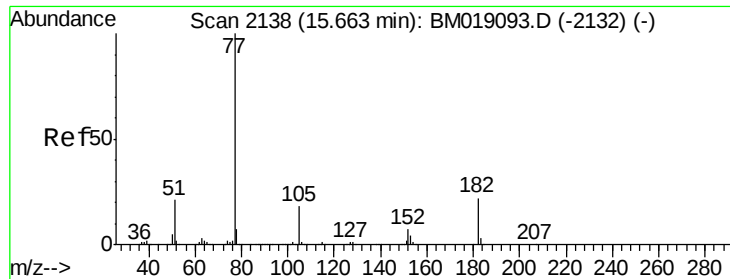
Sohil
3/18/2019 3:04:39 PM



#62
4-Nitroaniline
Concen: 40.207 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion:138 Resp: 506590
Ion Ratio Lower Upper
138 100
92 54.8 36.2 76.2
108 78.2 59.7 99.7





#63

Azobenzene

Concen: 41.566 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 2418960

Ion Ratio Lower Upper

77 100

182 22.9 1.8 41.8

105 18.4 0.0 38.3

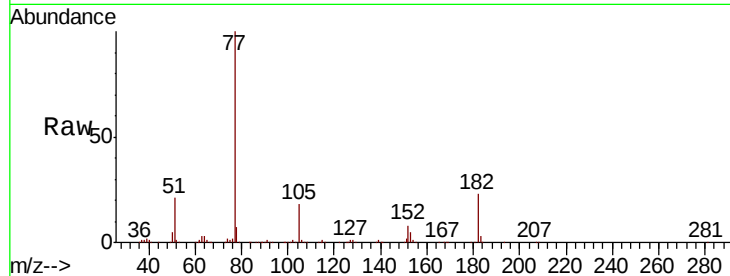
51 20.5 0.8 40.8

Manual Integrations

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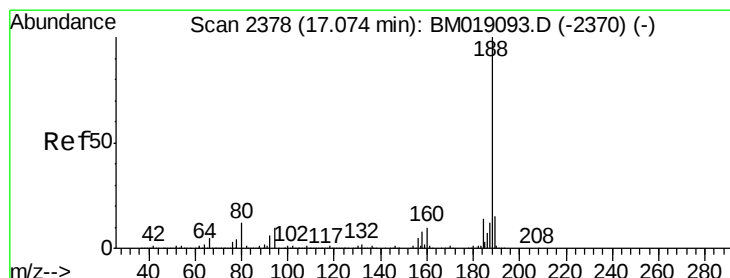
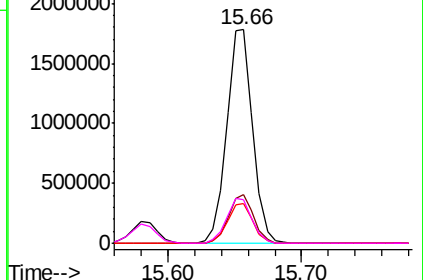
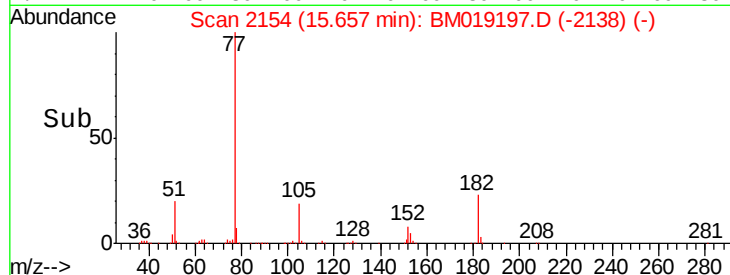


Abundance Ion 77.00 (76.70 to 77.70): BM019197.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM019197.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM019197.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM019197.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

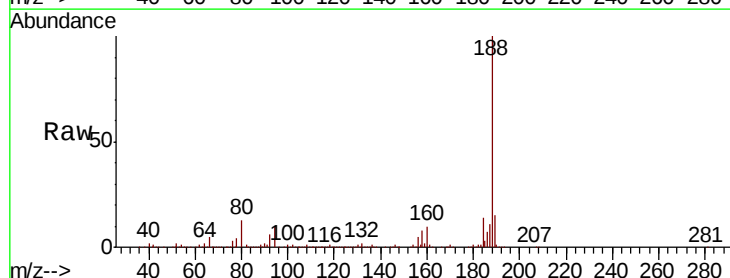
Tgt Ion: 188 Resp: 1380636

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

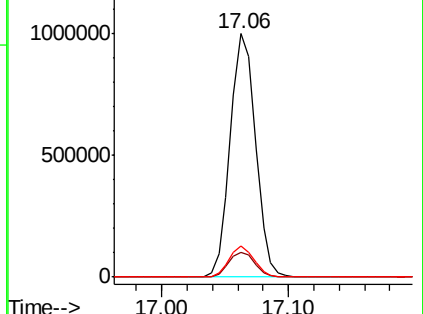
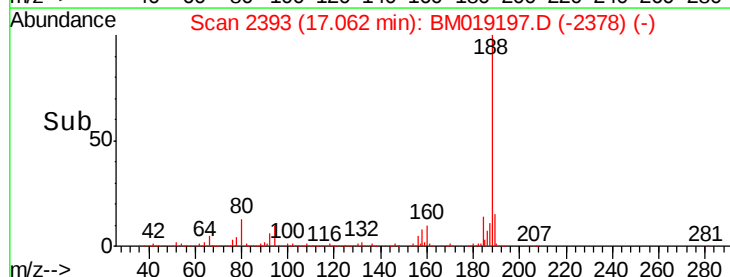
80 12.6 9.7 14.5

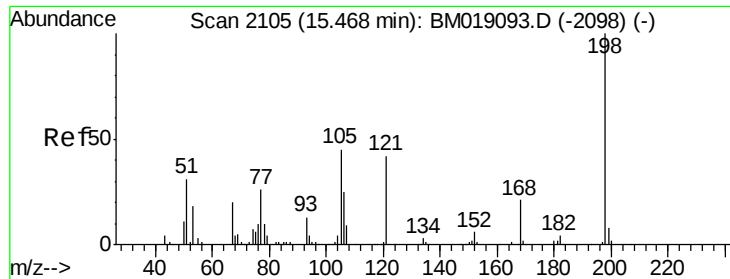


Abundance Ion 188.00 (187.70 to 188.70): BM019197.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM019197.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM019197.D (-2378) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 32.481 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

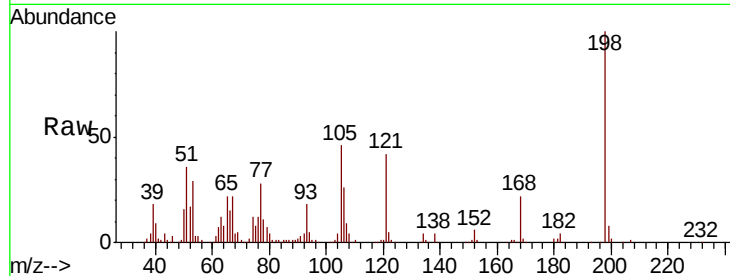
ClientSampleId :

SSTDCCC040EC

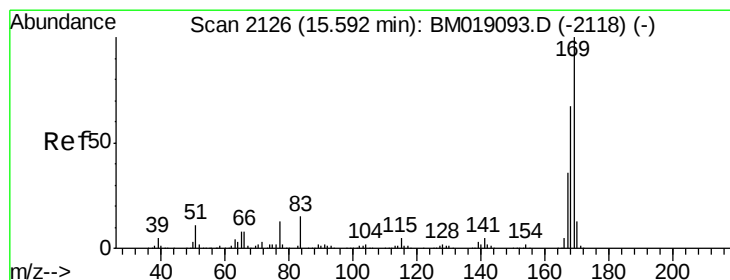
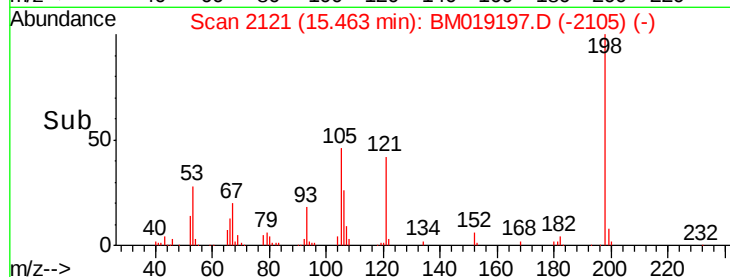
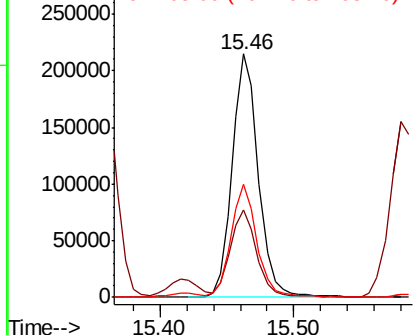
Tot Ion:	198	Resp:	293862
Ion Ratio	Lower	Upper	
198	100		
51	35.9	17.3	57.3
105	46.3	26.2	66.2

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.406 ng

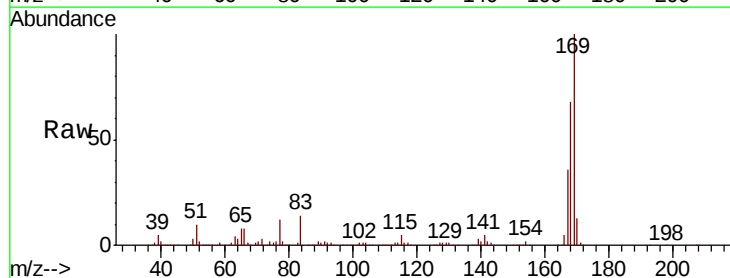
RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

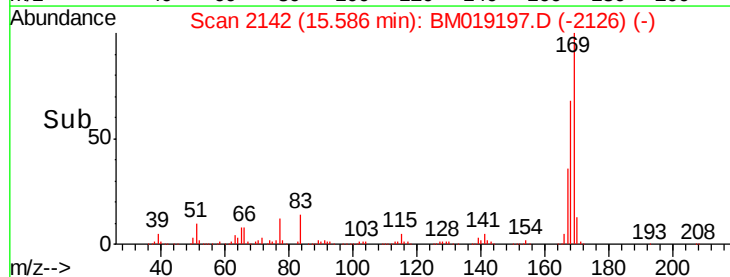
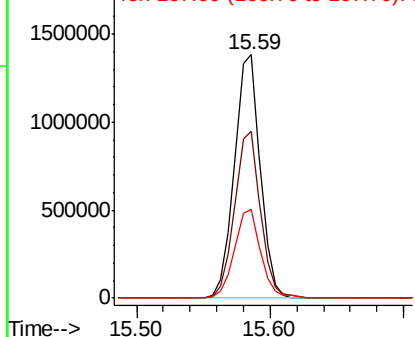
Lab File: BM019197.D

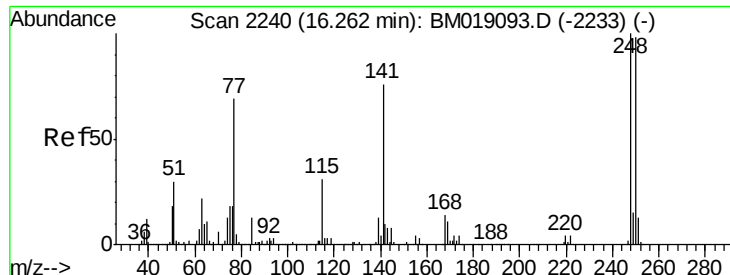
Acq: 15 Mar 2019 21:44

Tgt Ion:	169	Resp:	1863938
Ion Ratio	Lower	Upper	
169	100		
168	68.4	53.9	80.9
167	36.4	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





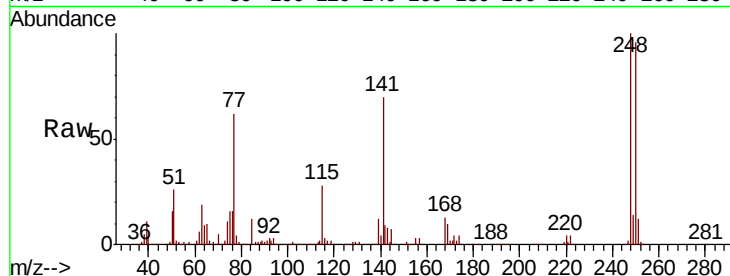
#67
4-Bromophenyl-phenylether
Concen: 43.212 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.0	117.0
141	70.3	61.0	91.4

Manual Integrations
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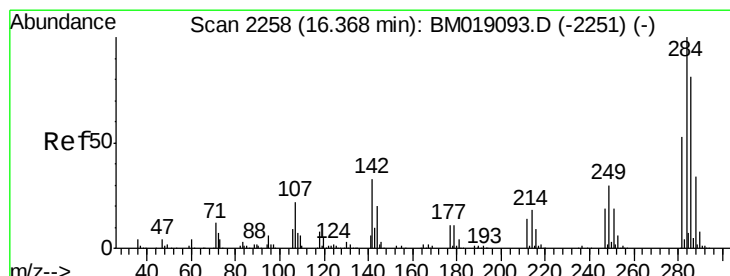
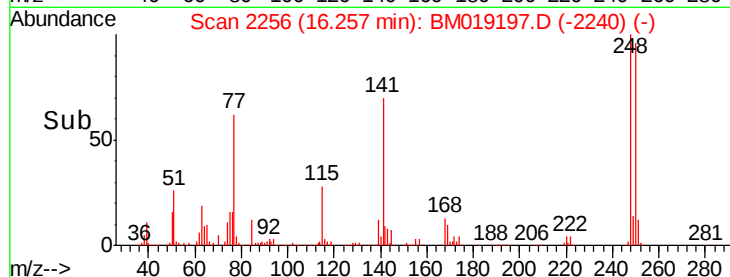
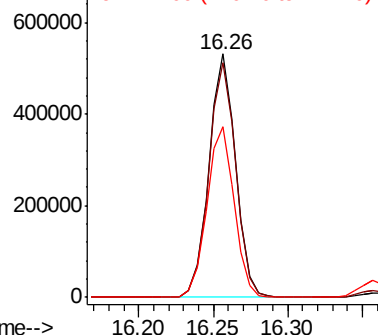


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.742 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

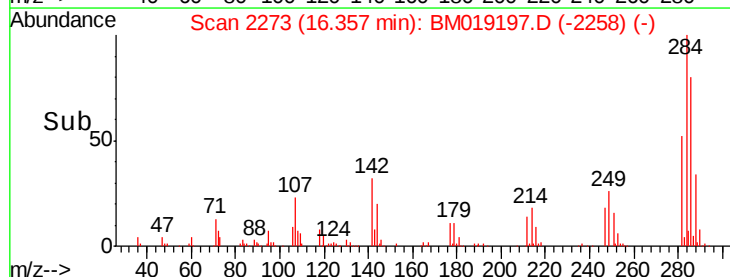
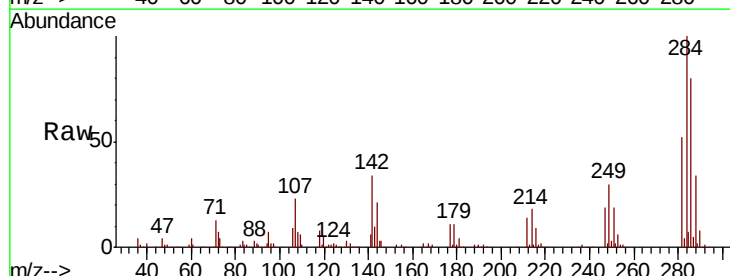
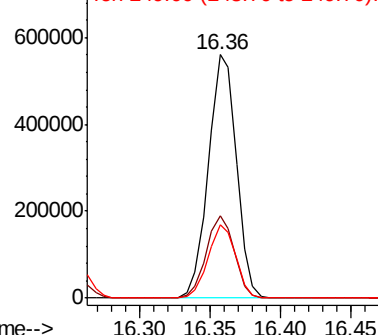
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.3	39.5
249	30.4	24.1	36.1

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





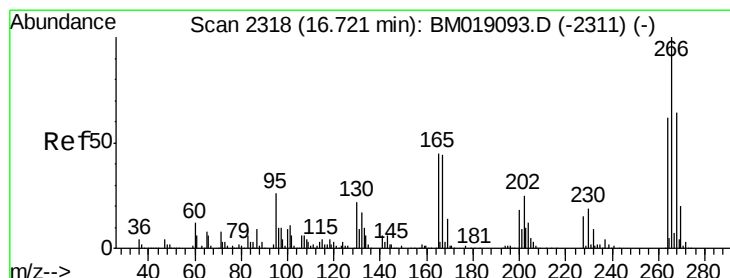
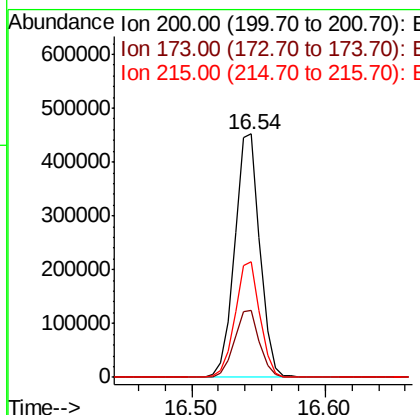
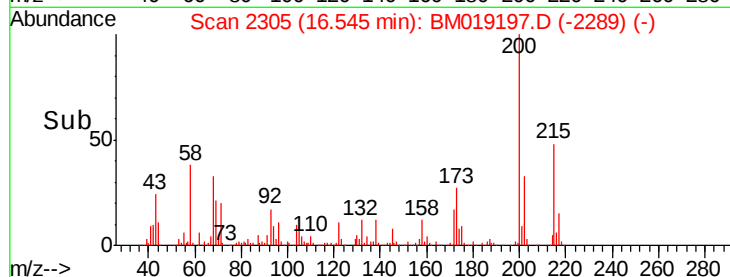
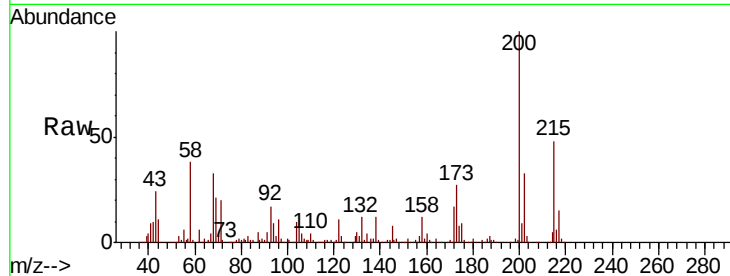
#69
 Atrazine
 Concen: 39.990 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	7.0	47.0
215	47.6	27.7	67.7

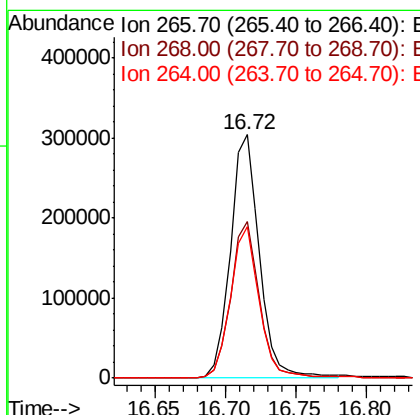
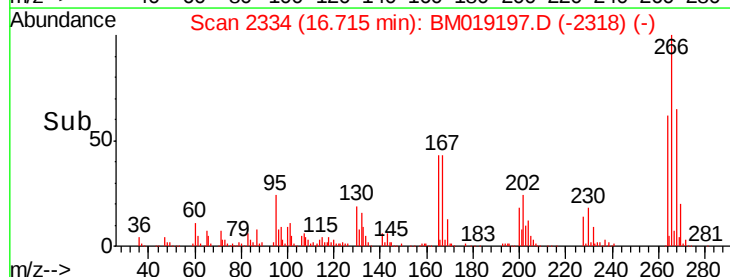
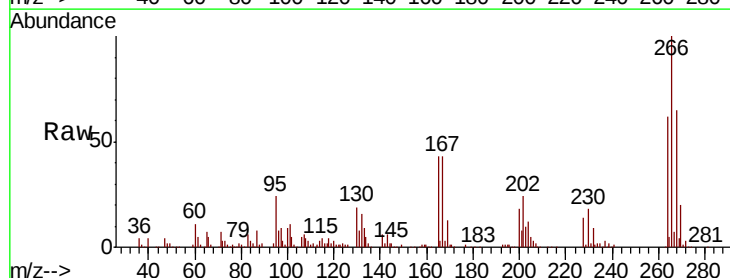
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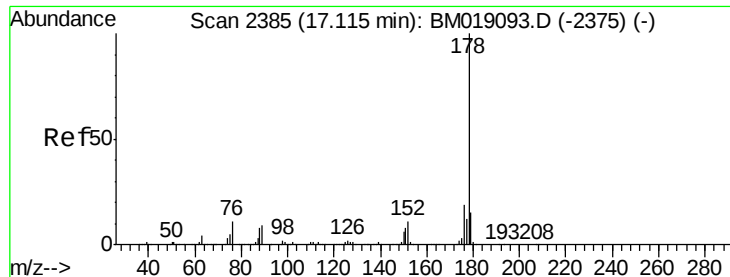
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#70
 Pentachlorophenol
 Concen: 39.829 ng
 RT: 16.72 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	51.3	76.9
264	62.4	50.0	75.0





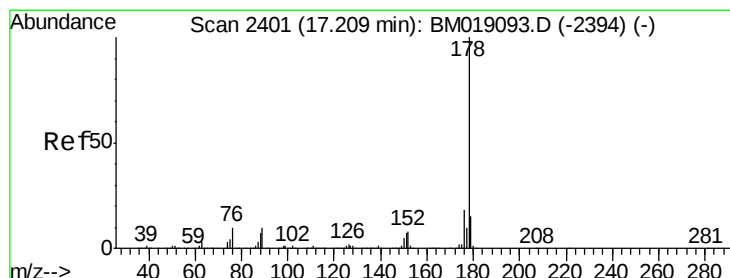
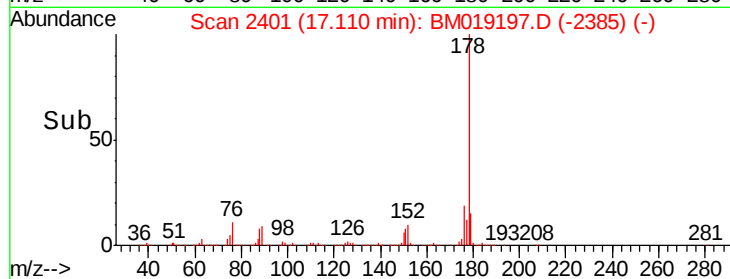
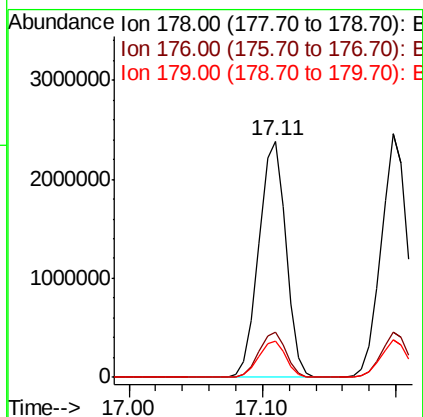
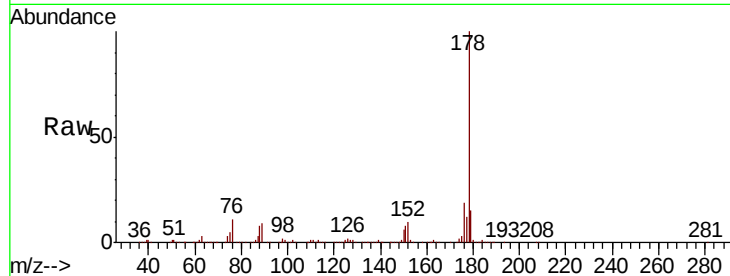
#71
Phenanthrene
Concen: 41.174 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 3332000
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.1 12.2 18.2

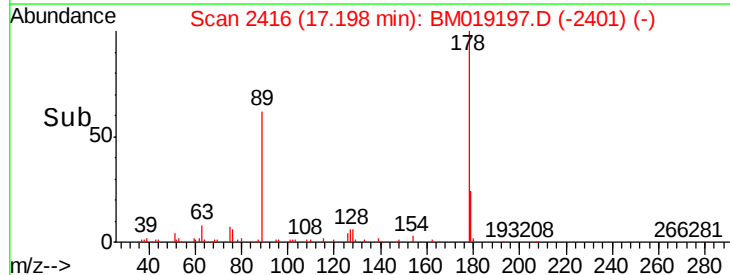
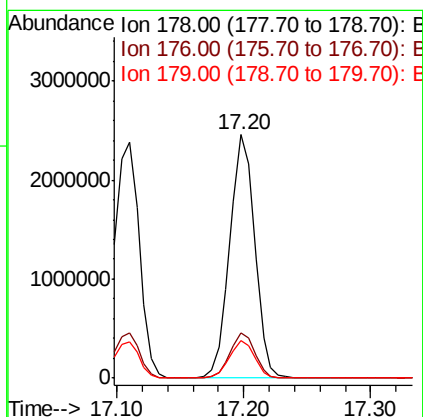
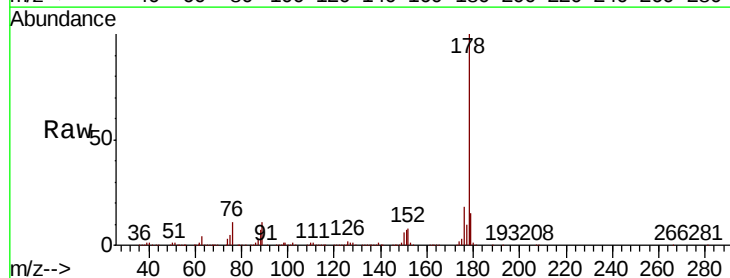
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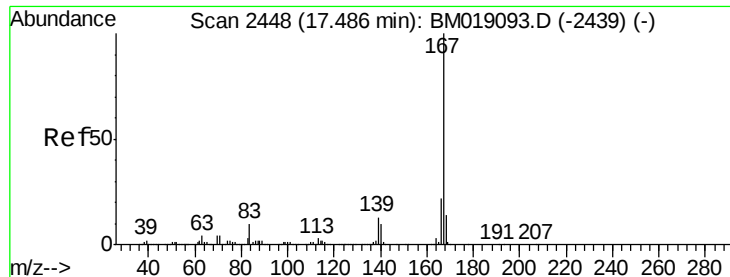
Sohil
3/18/2019 3:04:39 PM



#72
Anthracene
Concen: 42.007 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion:178 Resp: 3327887
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.4 11.9 17.9





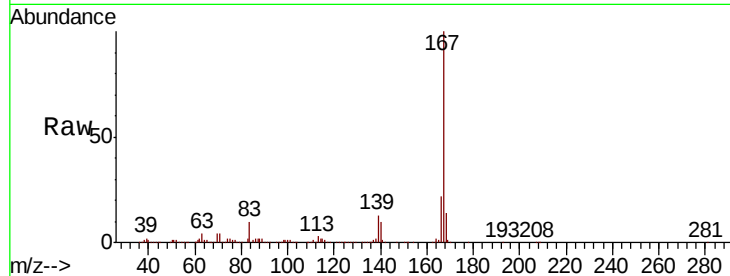
#73
 Carbazole
 Concen: 41.474 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	12.8	10.5	15.7

Manual Integrations
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 3/18/2019 3:04:39 PM

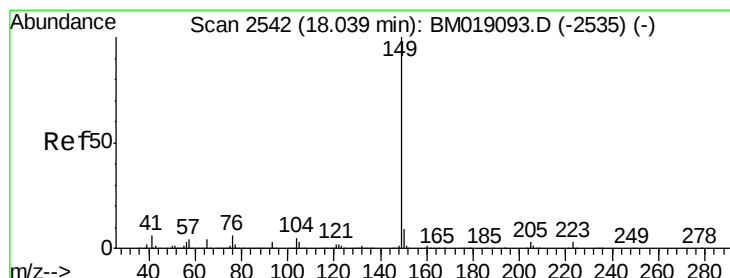
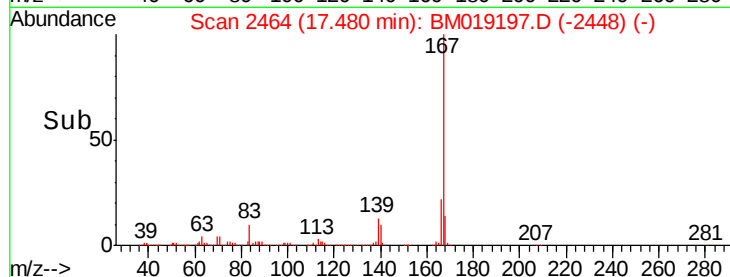
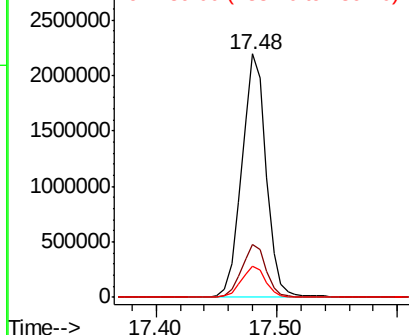


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.702 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

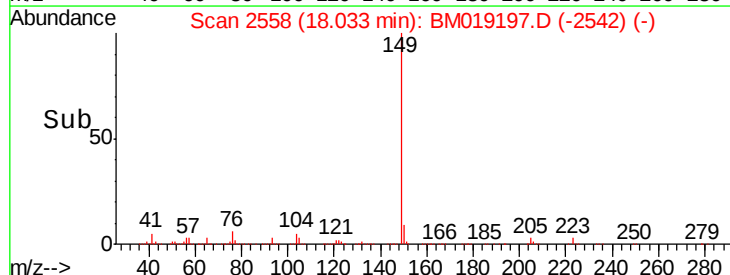
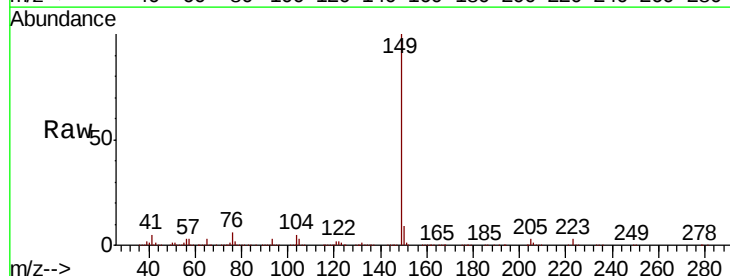
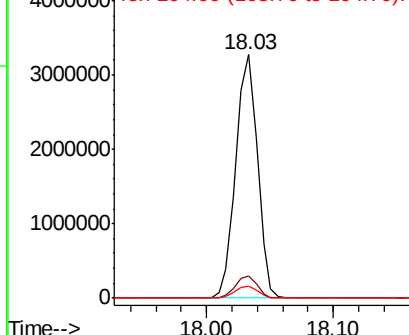
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.2	6.4

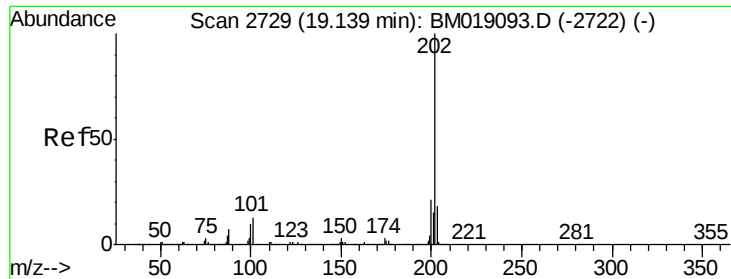
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.385 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

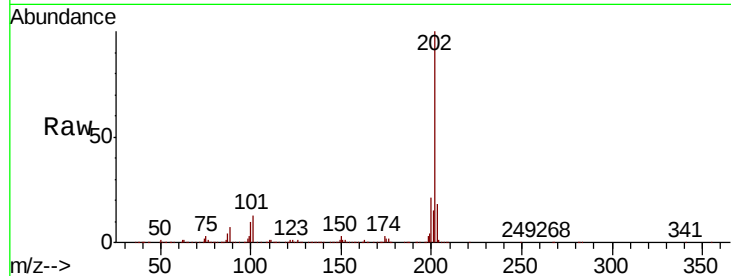
ClientSampleId :

SSTDCCC040EC

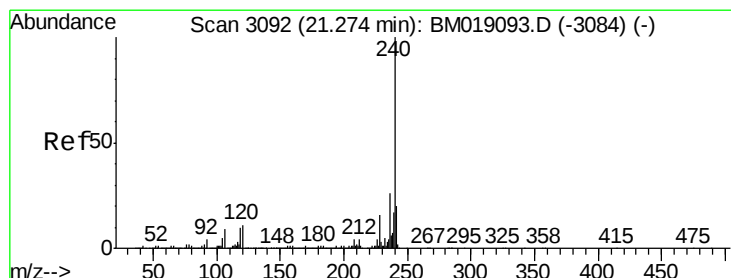
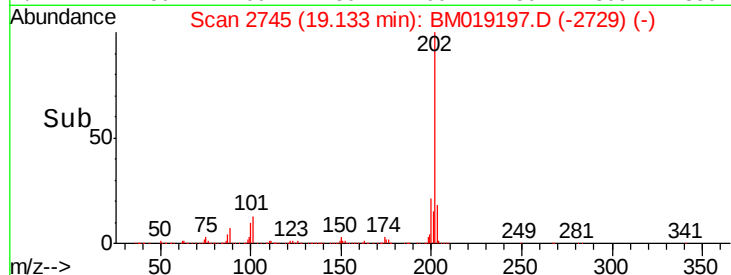
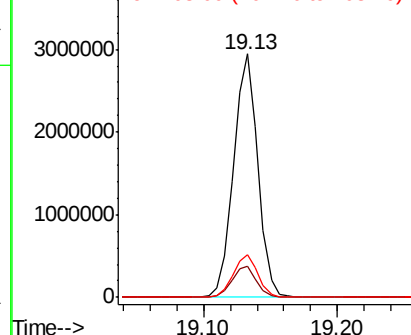
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.0
203	17.7	0.0	37.8

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

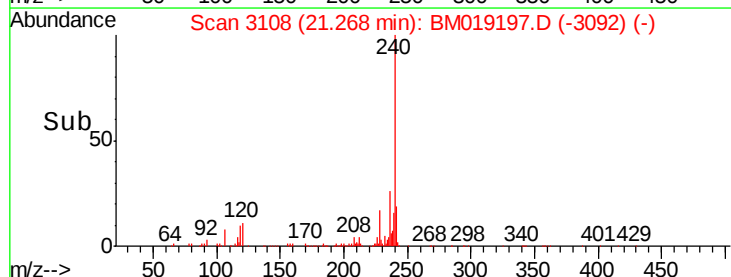
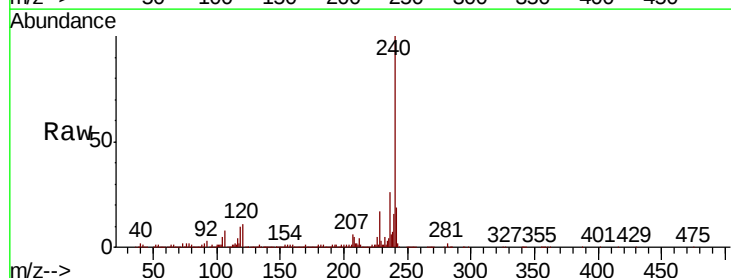
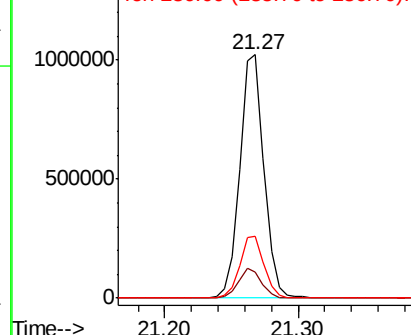
Delta R.T. -0.01 min

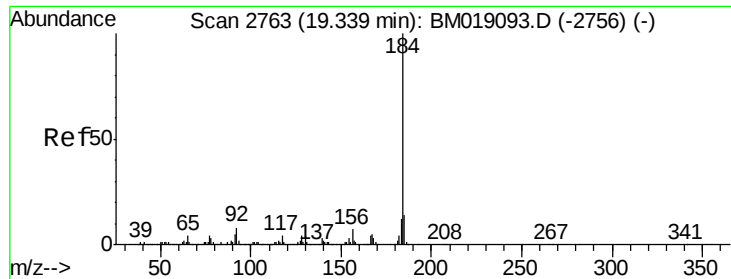
Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.6	21.0	31.4

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: 49.788 ng

RT: 19.34 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 1813024

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.4

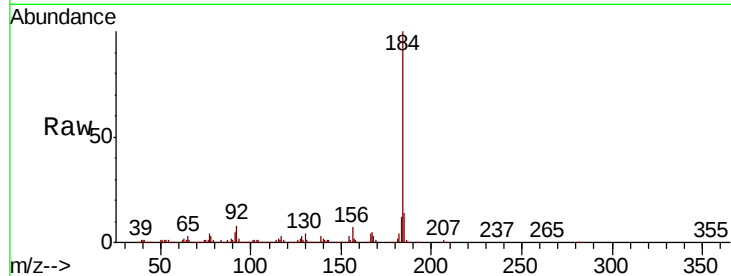
183 12.2 9.8 14.6

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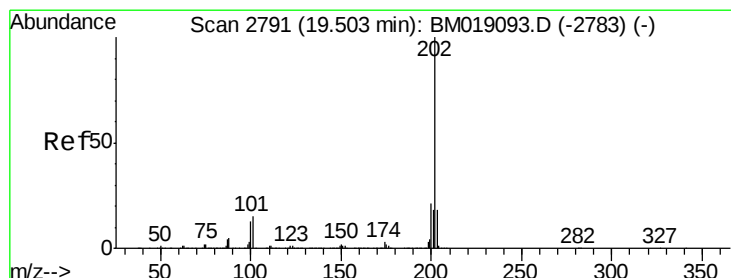
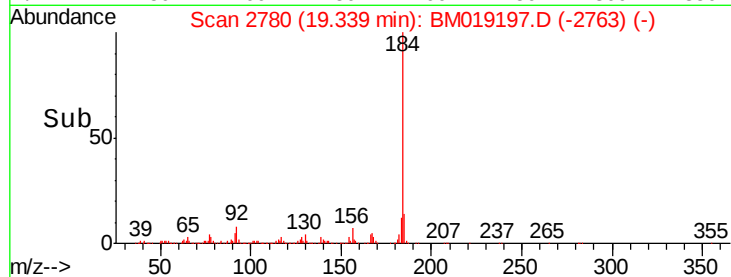
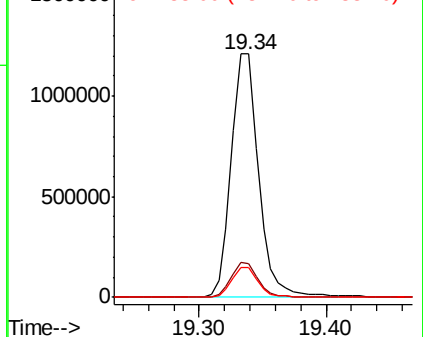
3/18/2019 3:04:39 PM



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: 47.214 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

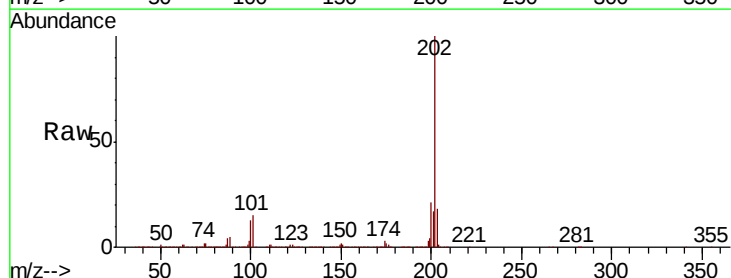
Tgt Ion:202 Resp: 3835635

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

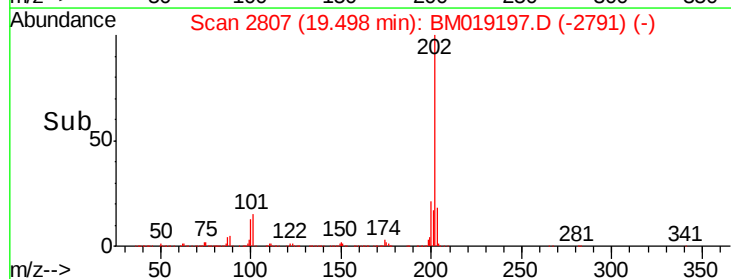
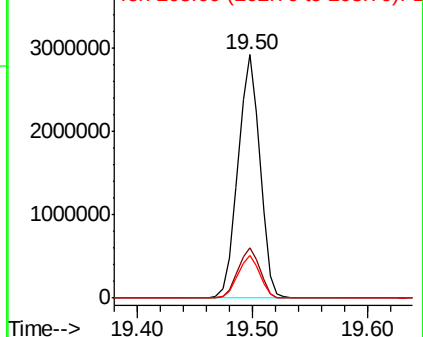
203 17.6 14.0 21.0

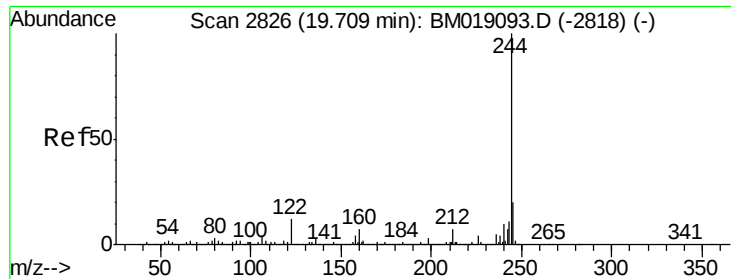


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





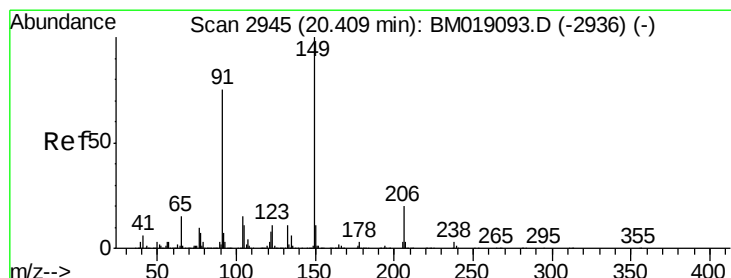
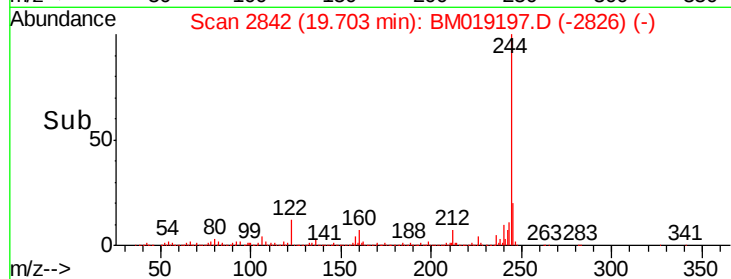
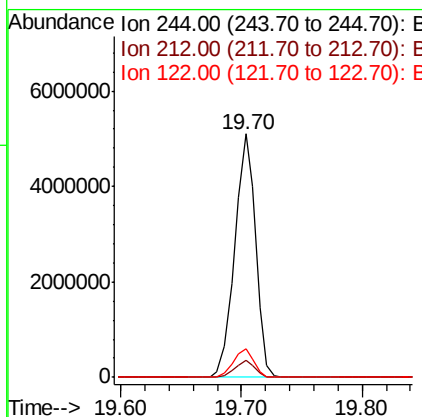
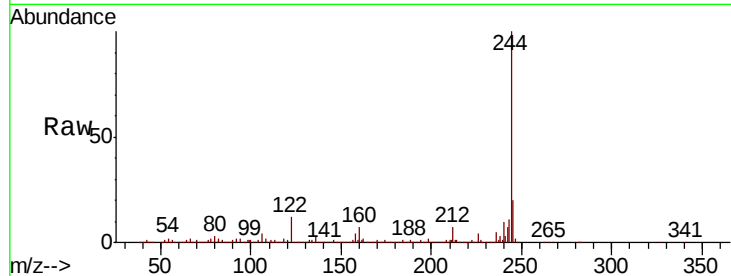
#79
 Terphenyl-d14
 Concen: 95.388 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

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

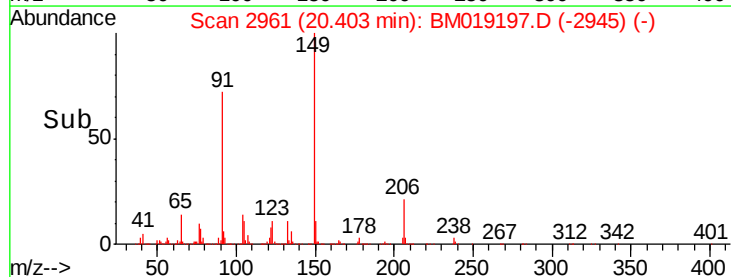
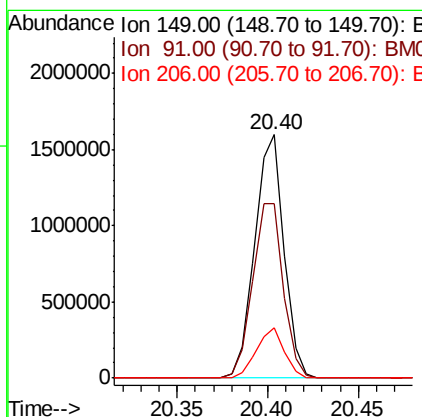
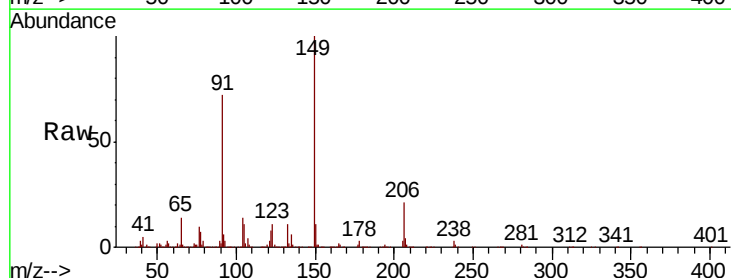
Manual Integrations
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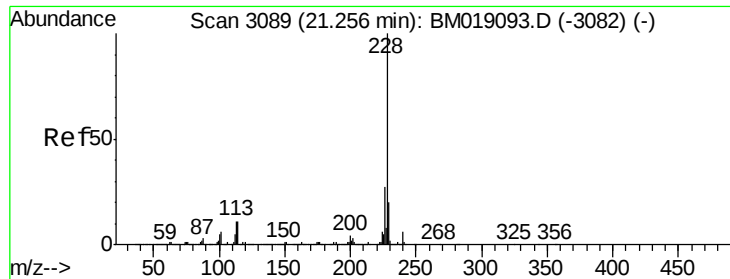
Sohil
 3/18/2019 3:04:39 PM



#80
 Butylbenzylphthalate
 Concen: 50.509 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	60.1	90.1
206	20.6	16.2	24.2





#81

Benzo(a)anthracene

Concen: 41.711 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 3359914

Ion Ratio Lower Upper

228 100

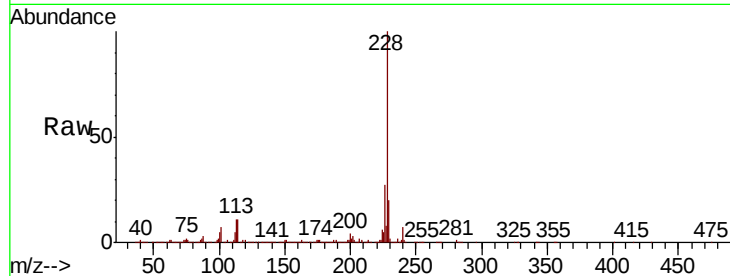
226 27.1 21.8 32.8

229 19.7 15.8 23.6

Manual Integrations
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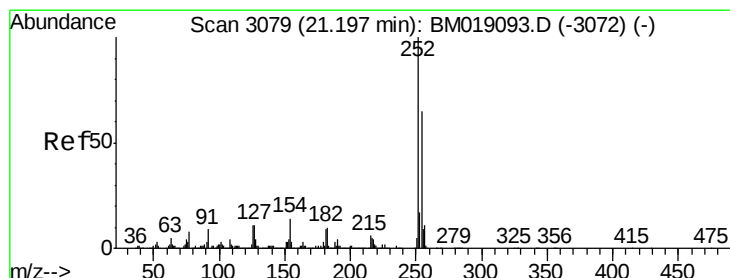
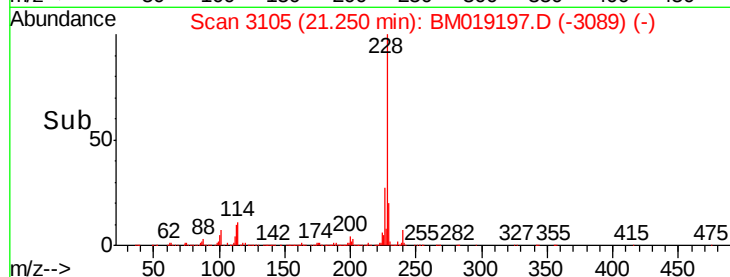
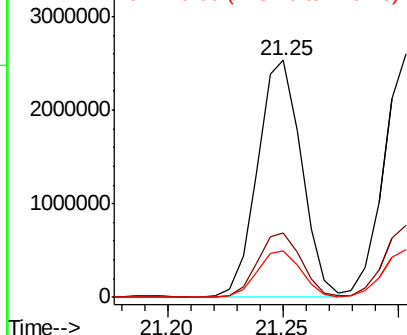


Abundance

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: 41.332 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

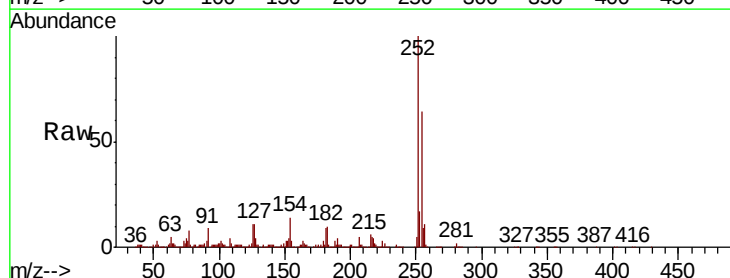
Tgt Ion:252 Resp: 1282604

Ion Ratio Lower Upper

252 100

254 64.5 52.4 78.6

126 11.0 9.0 13.6

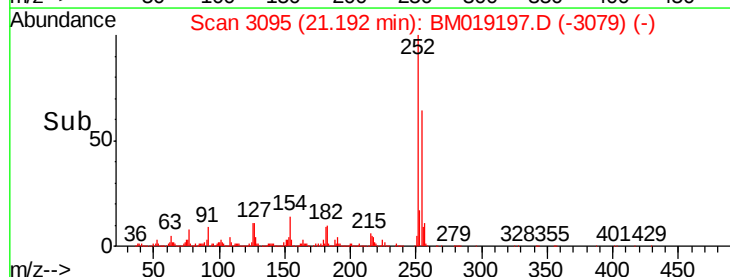
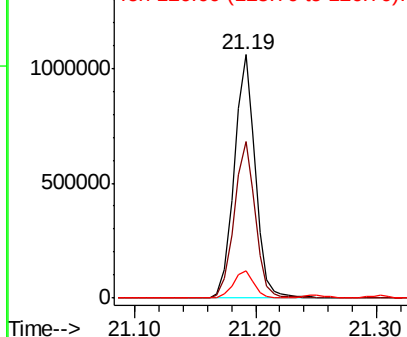


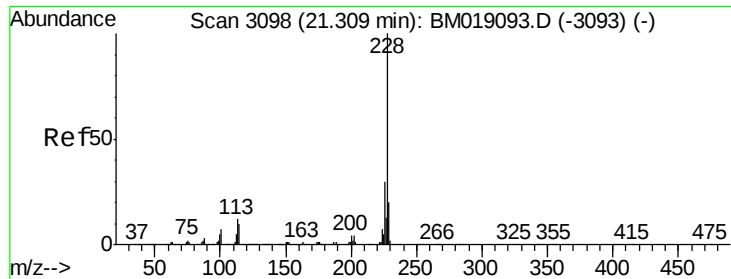
Abundance

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





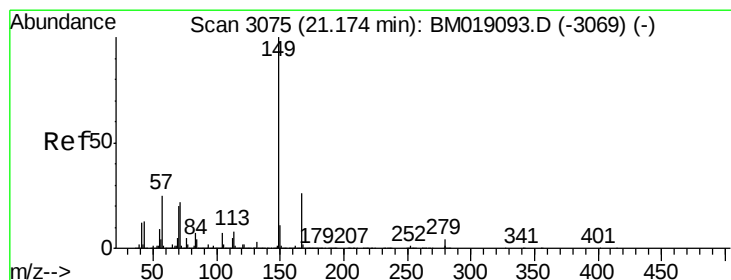
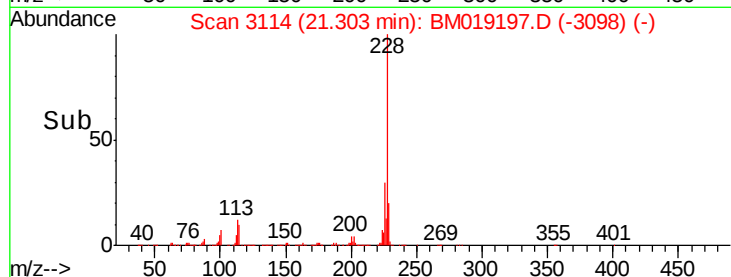
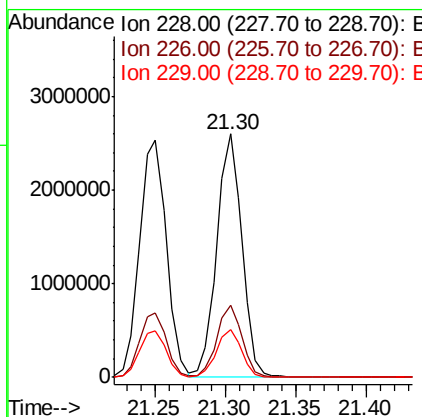
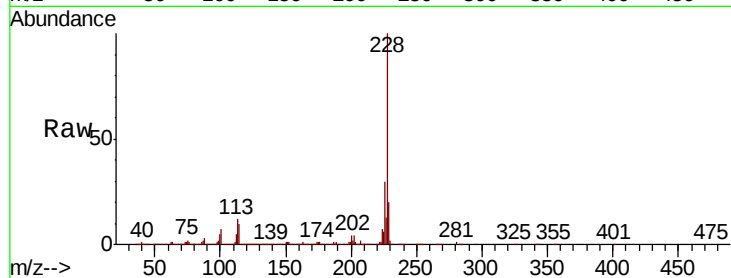
#83
 Chrvsene
 Concen: 41.270 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.7	15.7	23.5

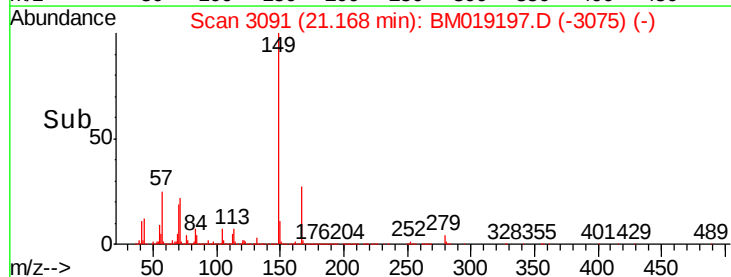
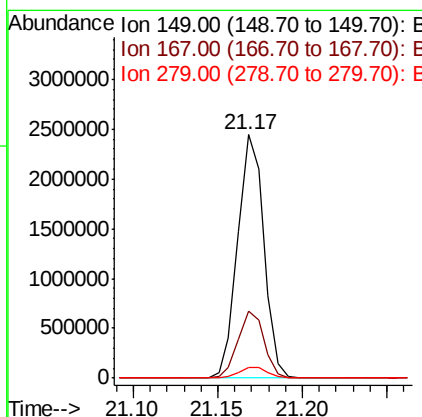
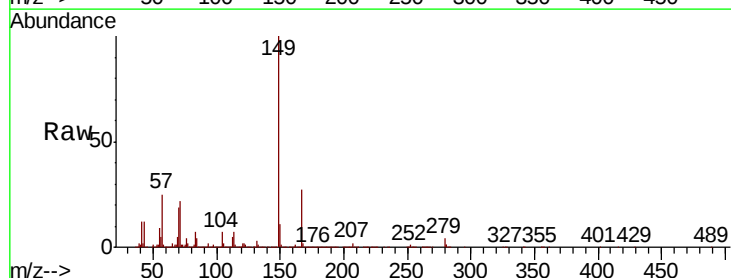
Manual Integrations
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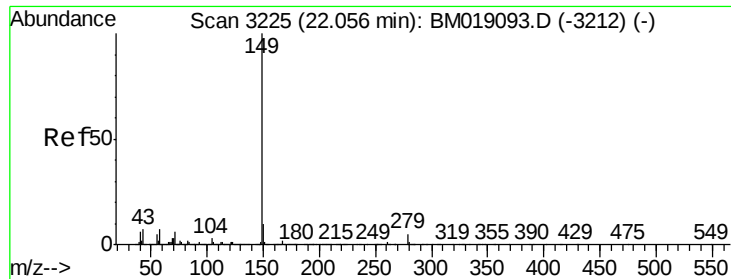
Sohil
 3/18/2019 3:04:39 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.262 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM019197.D
 Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.1	31.7
279	4.2	3.2	4.8





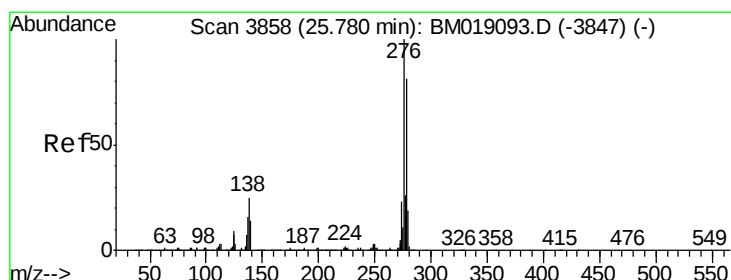
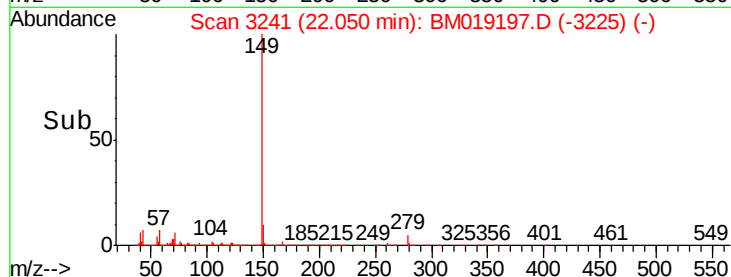
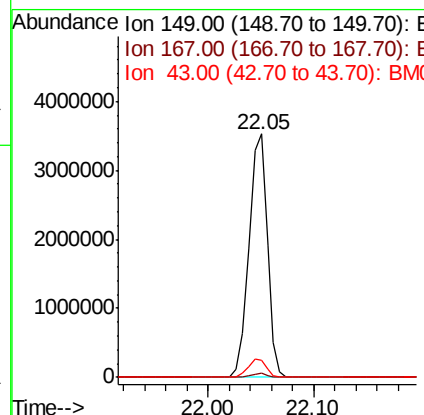
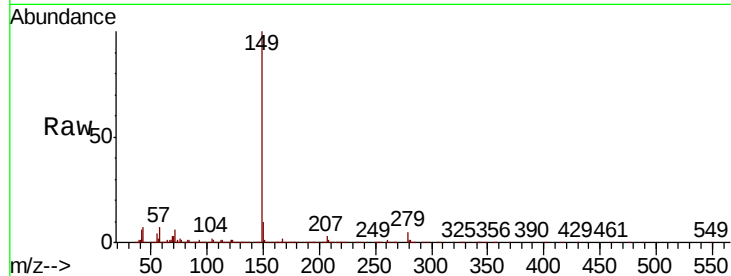
#85
Di-n-octyl phthalate
Concen: 48.825 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

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

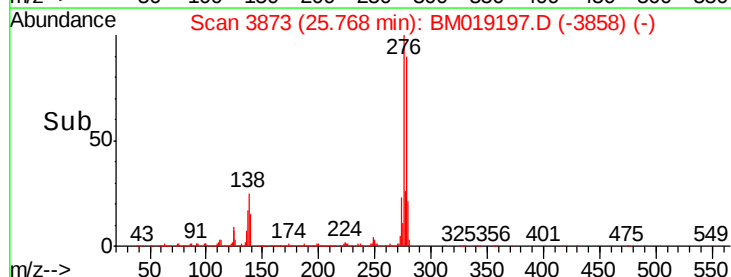
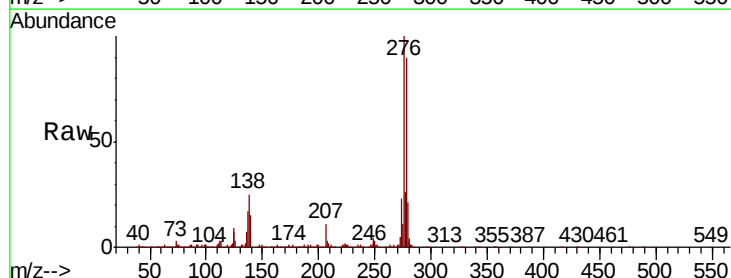
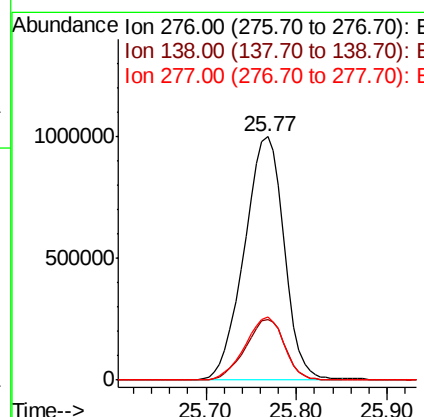
Manual Integrations
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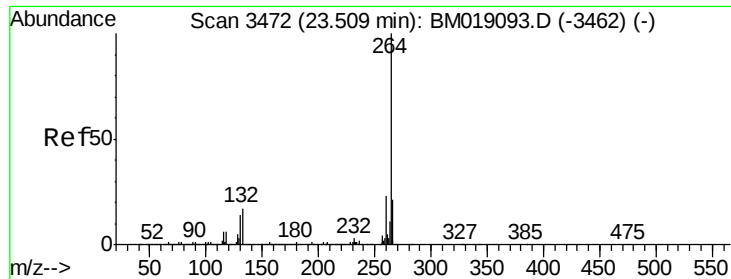
Sohil
3/18/2019 3:04:39 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.435 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:264 Resp: 1077571

Ion Ratio Lower Upper

264 100

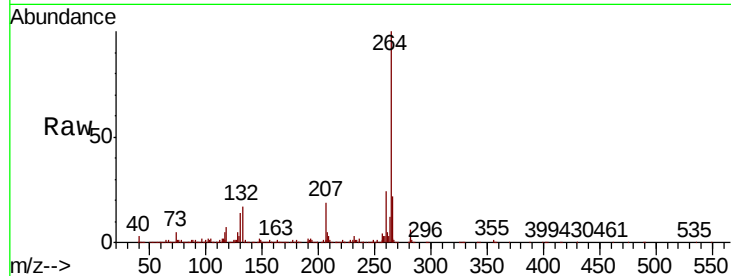
260 23.9 18.6 28.0

265 22.0 17.3 25.9

Manual Integrations
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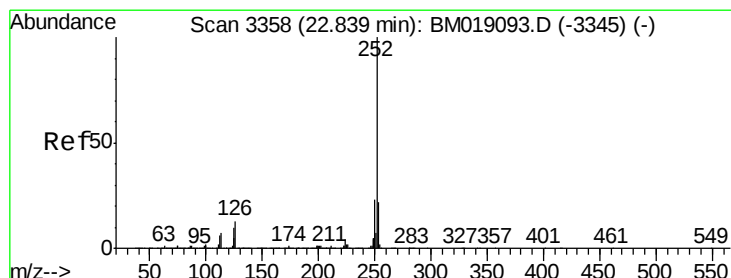
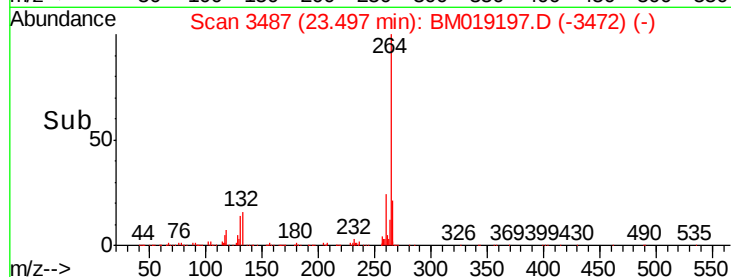
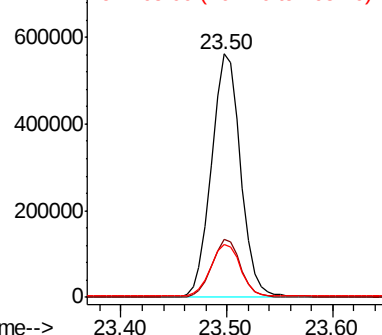


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.301 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

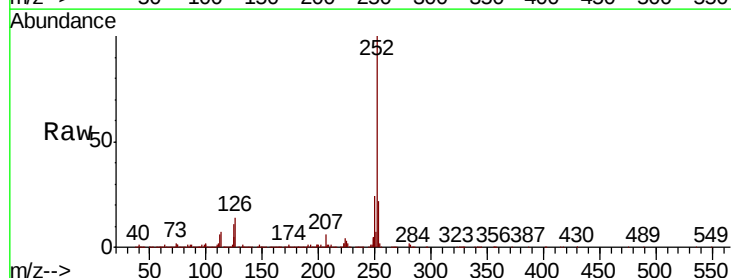
Tgt Ion:252 Resp: 2953605

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.7 8.1 12.1

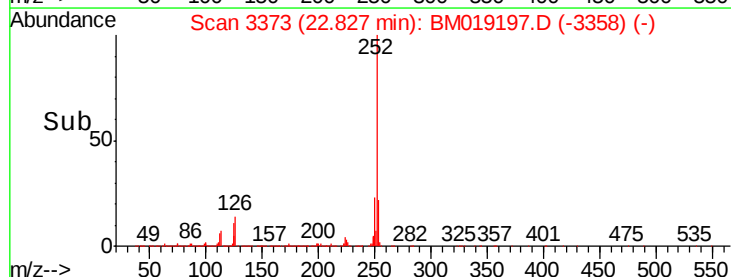
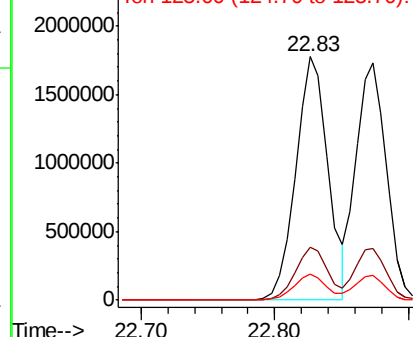


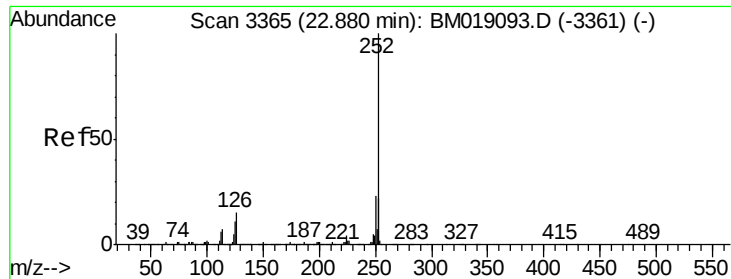
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





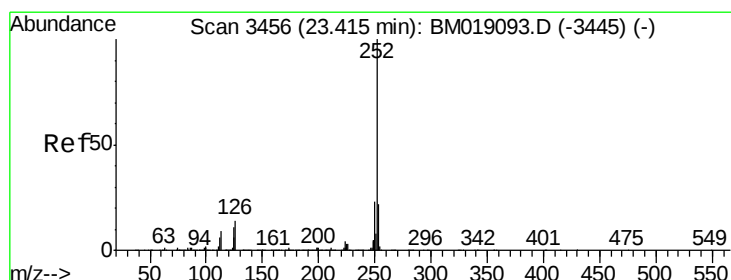
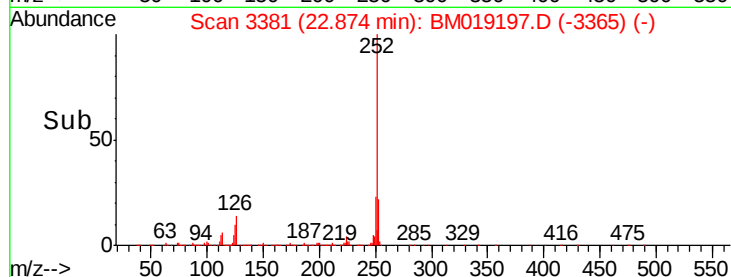
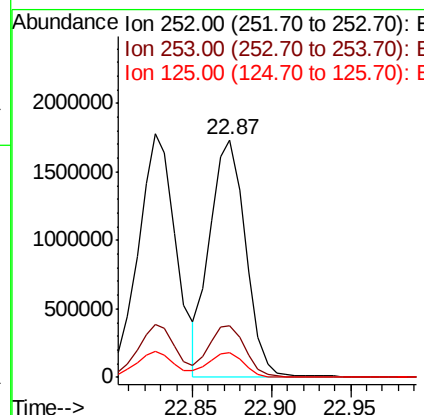
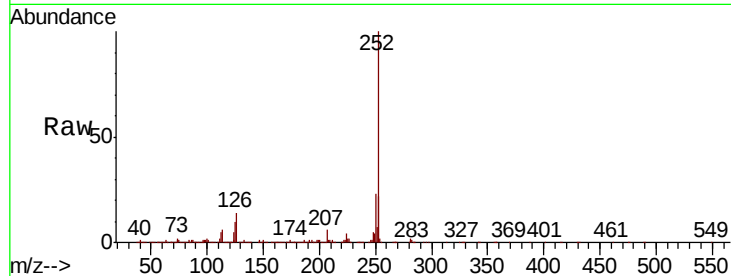
#89
Benzo(k)fluoranthene
Concen: 42.282 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 2715461
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.2 8.8 13.2

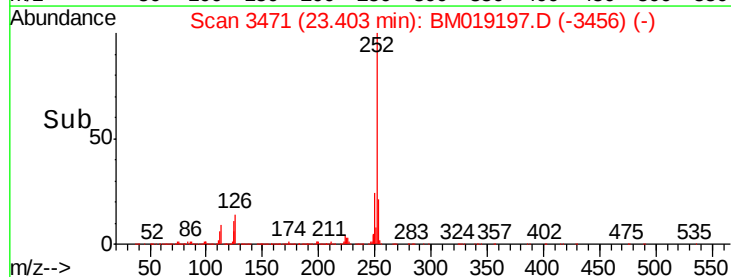
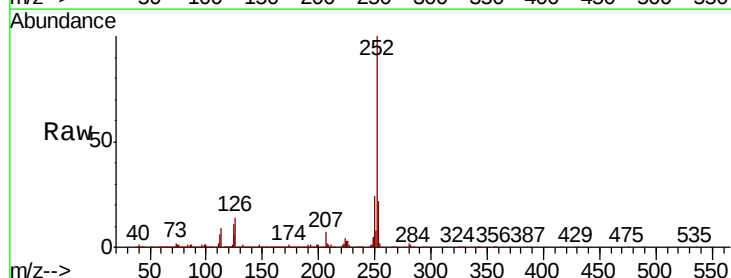
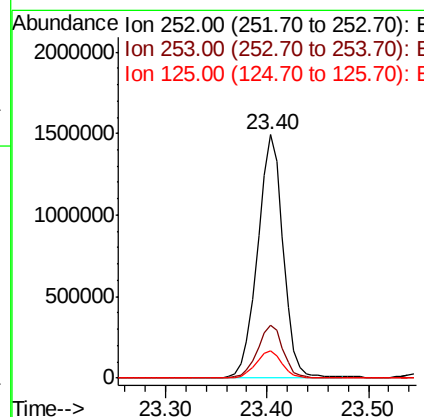
Manual Integrations
APPROVED

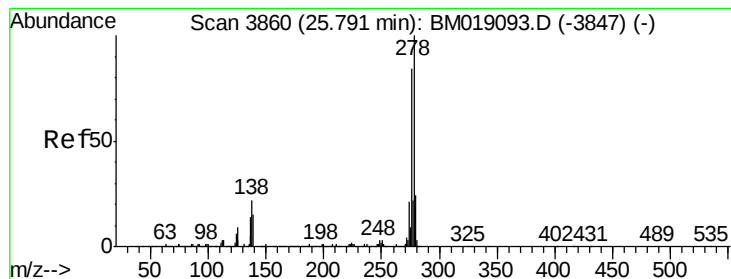
Sohil
3/18/2019 3:04:39 PM



#90
Benzo(a)pyrene
Concen: 41.585 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019197.D
Acq: 15 Mar 2019 21:44

Tgt Ion:252 Resp: 2609400
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 11.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.809 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 2569586

Ion Ratio Lower Upper

278 100

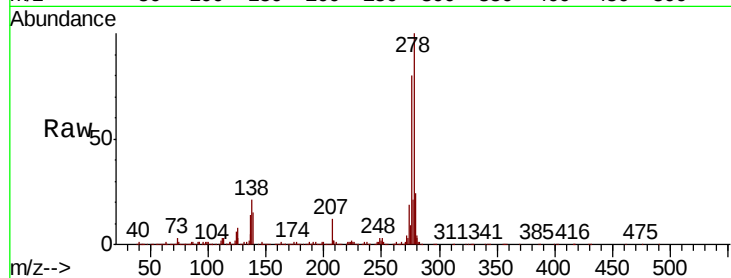
139 15.0 12.3 18.5

279 23.5 18.9 28.3

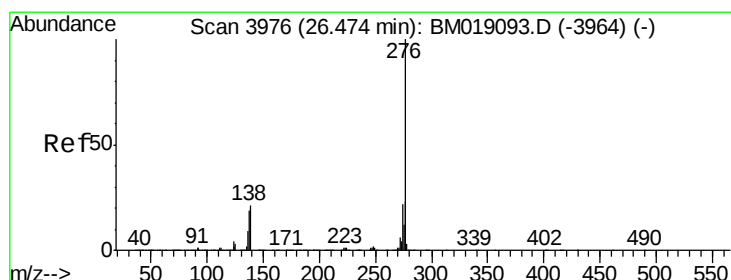
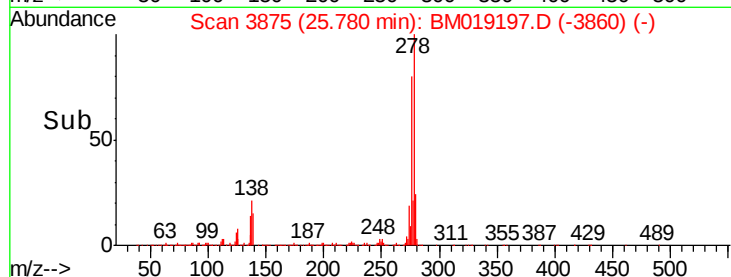
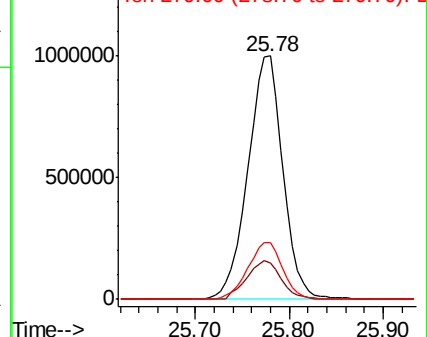
Manual Integrations
APPROVED

Sohil

3/18/2019 3:04:39 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.744 ng

RT: 26.46 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BM019197.D

Acq: 15 Mar 2019 21:44

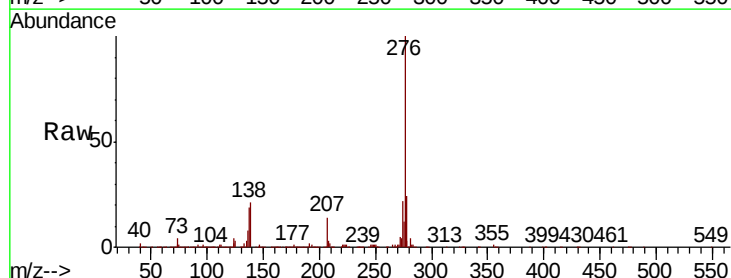
Tgt Ion:276 Resp: 2410692

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 20.8 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

