

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019195.D
 Acq On : 15 Mar 2019 20:31
 Operator : JU/SJ
 Sample : K1930-10MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5MSD

Manual Integrations
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Sohil
 3/18/2019 3:04:37 PM

Quant Time: Mar 18 08:08:24 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	209979	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	950696	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	580252	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1293635	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1133060	20.00	ng	0.00
87) Perylene-d12	23.50	264	974931	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1716495	132.39	ng	0.00
7) Phenol-d6	6.84	99	2578004	135.93	ng	0.00
23) Nitrobenzene-d5	8.82	82	1572313	78.18	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1072094	125.14	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3025571	67.82	ng	-0.01
79) Terphenyl-d14	19.70	244	4859177	85.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	163650	28.372	ng	98
3) Pyridine	3.62	79	385642	24.575	ng	98
4) n-Nitrosodimethylamine	3.53	42	157520	32.289	ng	93
6) Aniline	7.00	93	672821	27.478	ng	100
8) 2-Chlorophenol	7.22	128	624426	40.076	ng	99
9) Benzaldehyde	6.82	77	265462	22.253	ng	97
10) Phenol	6.87	94	902732	44.167	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	557392	35.739	ng	99
12) 1,3-Dichlorobenzene	7.54	146	557848	33.832	ng	100
13) 1,4-Dichlorobenzene	7.69	146	574452	34.172	ng	99
14) 1,2-Dichlorobenzene	8.00	146	571338	34.933	ng	99
15) Benzyl Alcohol	7.91	79	613282	39.072	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	559110	35.109	ng	99
17) 2-Methylphenol	8.10	107	560325	42.069	ng	99
18) Hexachloroethane	8.71	117	203897	32.642	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	557811	35.851	ng	99
20) 3+4-Methylphenols	8.43	107	759049	41.985	ng	98
22) Acetophenone	8.49	105	925183	35.214	ng	# 99
24) Nitrobenzene	8.87	77	785159	37.537	ng	98
25) Isophorone	9.39	82	1438971	37.496	ng	99
26) 2-Nitrophenol	9.57	139	341107	39.343	ng	99
27) 2,4-Dimethylphenol	9.63	122	606405	47.046	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	848047	37.320	ng	99
29) 2,4-Dichlorophenol	10.09	162	623951	43.708	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	591490	36.746	ng	99
31) Naphthalene	10.49	128	1845320	36.826	ng	100
32) Benzoic acid	9.77	122	206434m	18.911	ng	
33) 4-Chloroaniline	10.62	127	504972	24.584	ng	100
34) Hexachlorobutadiene	10.75	225	307438	33.282	ng	99
35) Caprolactam	11.45	113	205163m	40.345	ng	
36) 4-Chloro-3-methylphenol	11.75	107	723025	41.048	ng	99
37) 2-Methylnaphthalene	12.11	142	1376096	37.792	ng	99
38) 1-Methylnaphthalene	12.33	142	1316732	36.687	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	660113	35.964	ng	99

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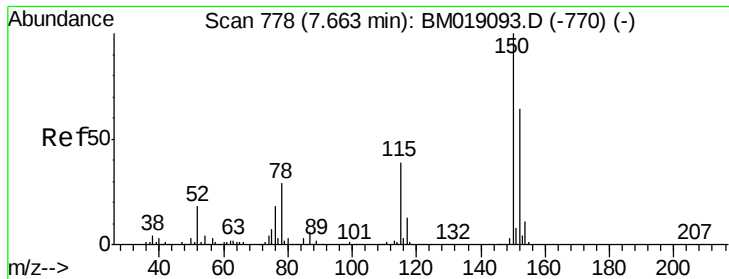
Manual Integrations
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 3/18/2019 3:04:37 PM

Quant Time: Mar 18 08:08:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	507514	61.043	nq	99
43) 2,4,6-Trichlorophenol	12.73	196	506871	42.732	nq	98
44) 2,4,5-Trichlorophenol	12.80	196	539301	42.518	nq	99
46) 1,1'-Biphenyl	13.13	154	1804105	35.602	nq	100
47) 2-Chloronaphthalene	13.18	162	1403480	37.105	nq	100
48) 2-Nitroaniline	13.41	65	510474	40.241	nq	94
49) Acenaphthylene	14.03	152	2311427	36.141	nq	100
50) Dimethylphthalate	13.78	163	2180369	43.926	nq	99
51) 2,6-Dinitrotoluene	13.91	165	416803	38.844	nq	98
52) Acenaphthene	14.37	154	1319072	35.893	nq	99
53) 3-Nitroaniline	14.24	138	337239	29.674	nq	99
54) 2,4-Dinitrophenol	14.46	184	307400	49.330	nq	96
55) Dibenzofuran	14.71	168	2166505	36.556	nq	100
56) 4-Nitrophenol	14.56	139	699425	75.378	nq	96
57) 2,4-Dinitrotoluene	14.70	165	595440	38.228	nq	98
58) Fluorene	15.36	166	1774420	36.323	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	478333	40.508	nq	100
60) Diethylphthalate	15.14	149	1866827	37.134	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	873194	36.803	nq	100
62) 4-Nitroaniline	15.42	138	407821	35.608	nq	98
63) Azobenzene	15.66	77	1973470	37.305	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	252970	29.841	nq	100
66) n-Nitrosodiphenylamine	15.59	169	1564517	37.988	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	526649	36.918	nq	98
68) Hexachlorobenzene	16.36	284	633878	37.375	nq	99
69) Atrazine	16.54	200	564508	40.718	nq	99
70) Pentachlorophenol	16.72	266	758333	74.214	nq	99
71) Phenanthrene	17.11	178	2689064	35.464	nq	100
72) Anthracene	17.20	178	2784796	37.516	nq	99
73) Carbazole	17.48	167	2588400	36.946	nq	100
74) Di-n-butylphthalate	18.03	149	3238583	38.227	nq	100
75) Fluoranthene	19.13	202	2977862	34.226	nq	99
77) Benzidine	19.33	184	587925	18.296	nq	99
78) Pyrene	19.50	202	2987229	41.669	nq	100
80) Butylbenzylphthalate	20.40	149	1465477	46.933	nq	98
81) Benzo(a)anthracene	21.25	228	2508003	35.282	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	895593	32.705	nq	100
83) Chrysene	21.30	228	2390920	34.767	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2190240	48.214	nq	100
85) Di-n-octyl phthalate	22.05	149	3484456	45.552	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2478657	33.483	nq	100
88) Benzo(b)fluoranthene	22.83	252	2297968	36.376	nq	100
89) Benzo(k)fluoranthene	22.87	252	2209860	38.032	nq	99
90) Benzo(a)pyrene	23.40	252	2119499	37.334	nq	100
91) Dibenzo(a,h)anthracene	25.77	278	2131193	39.243	nq	99
92) Benzo(g,h,i)perylene	26.46	276	2004292	40.199	nq	99

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



#1

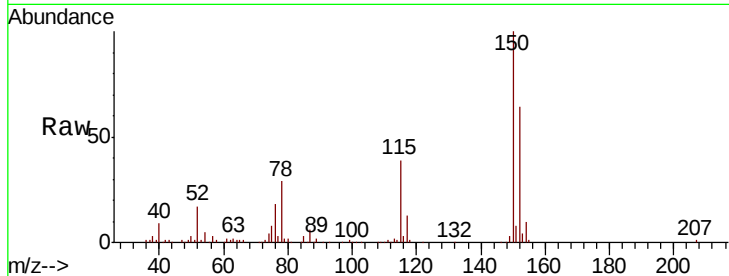
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.3	187.9
115	61.7	49.4	74.0

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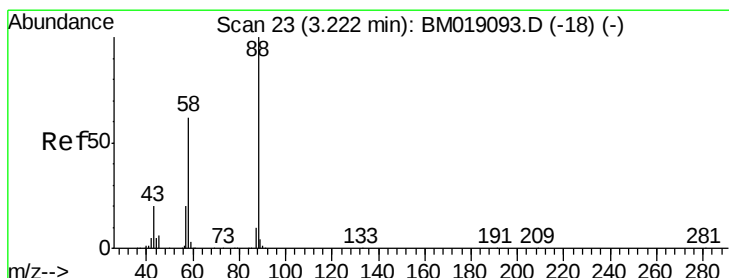
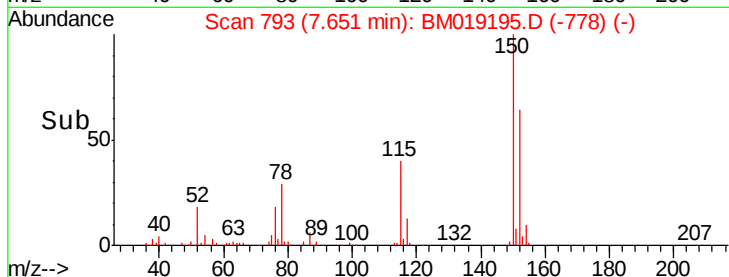
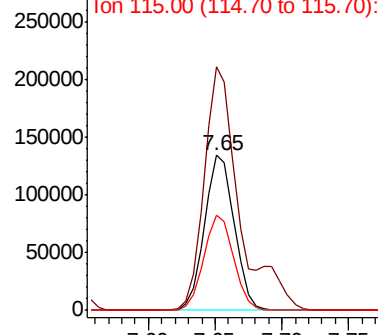


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

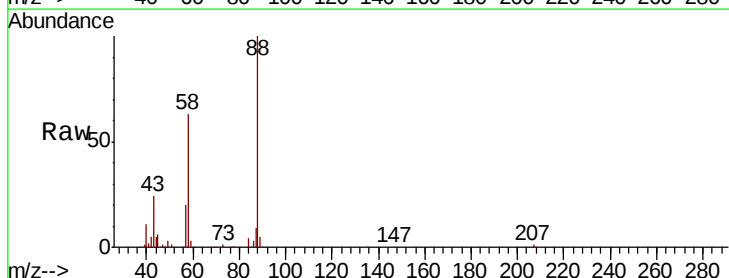
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.372 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.6	50.0	75.0
43	22.7	17.0	25.4

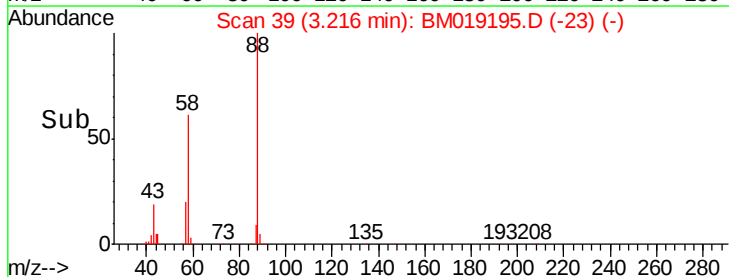
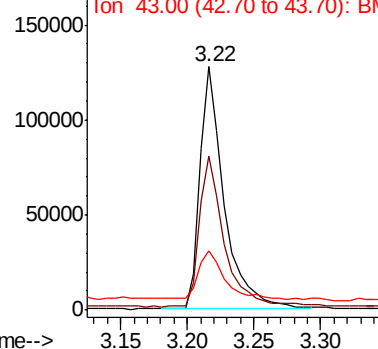


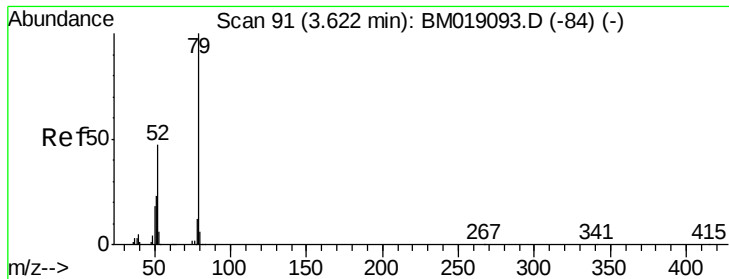
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 24.575 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

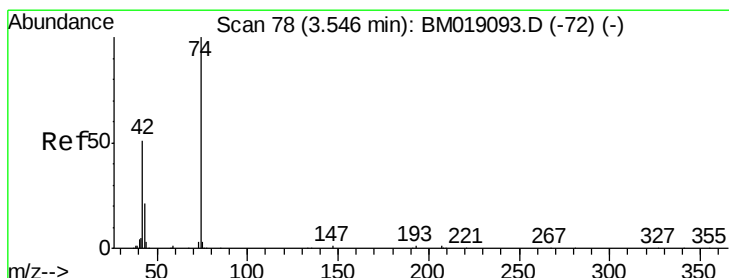
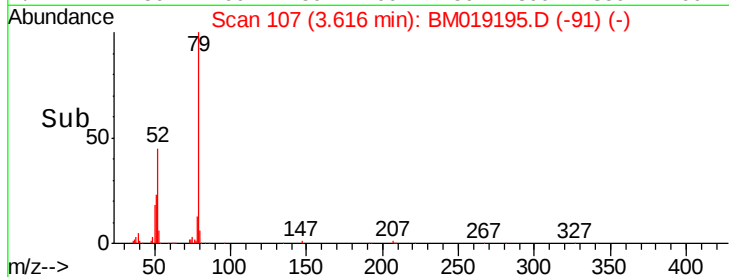
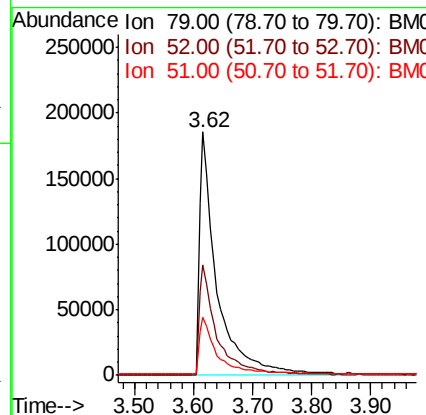
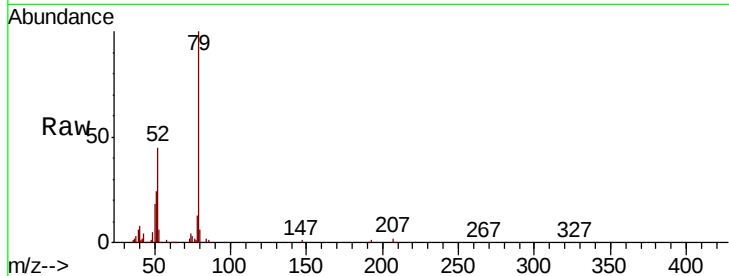
ClientSampled :

TP-5MSD

Tot Ion:	79	Resp:	385642
Ion Ratio	Lower	Upper	
79	100		
52	45.3	37.5	56.3
51	23.9	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 32.289 ng

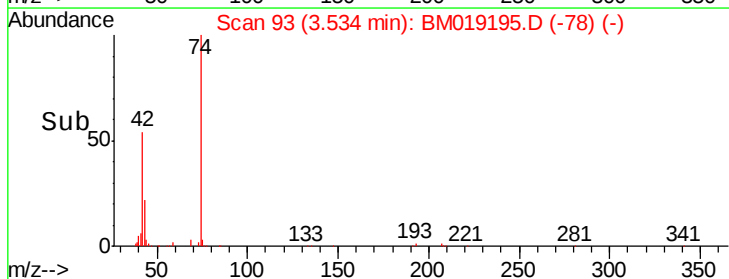
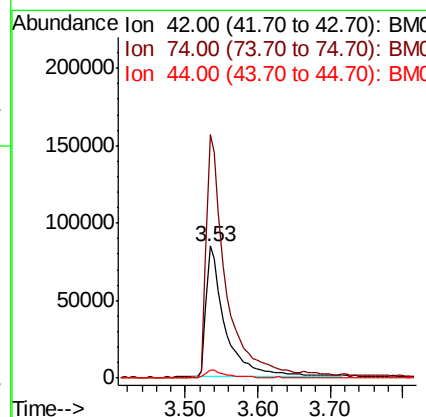
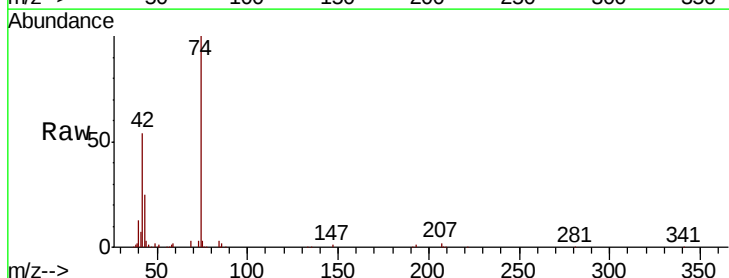
RT: 3.53 min Scan# 93

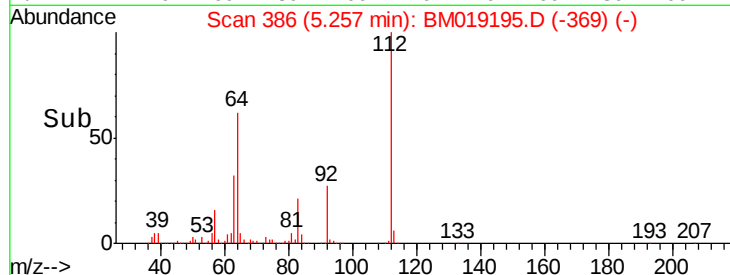
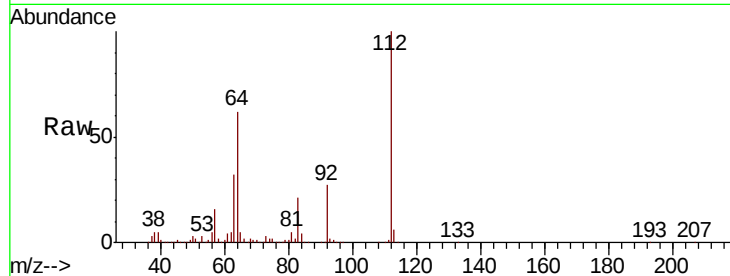
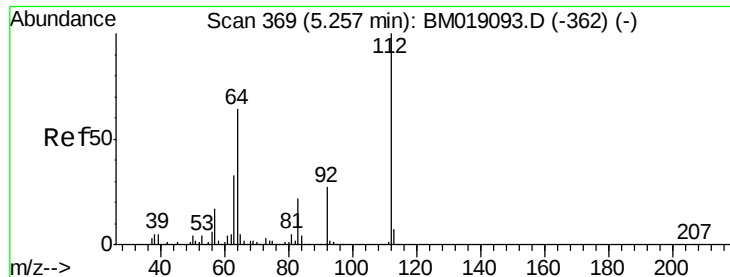
Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tgt Ion:	42	Resp:	157520
Ion Ratio	Lower	Upper	
42	100		
74	184.4	156.3	234.5
44	6.2	4.6	7.0





#5

2-Fluorophenol

Concen: 132.386 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tot Ion:	112	Resp:	1716495
Ion Ratio	Lower	Upper	
112	100		
64	61.5	51.4	77.0
63	31.5	26.6	40.0

Instrument :

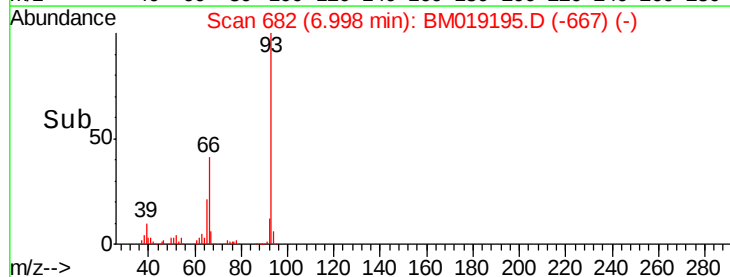
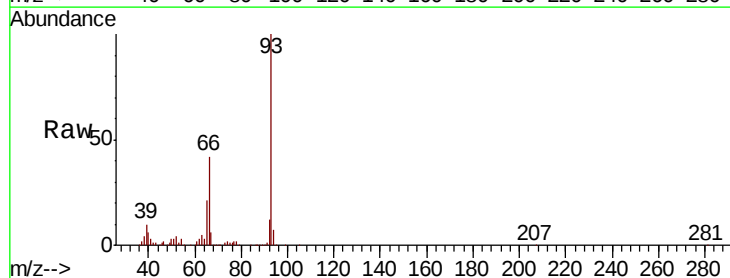
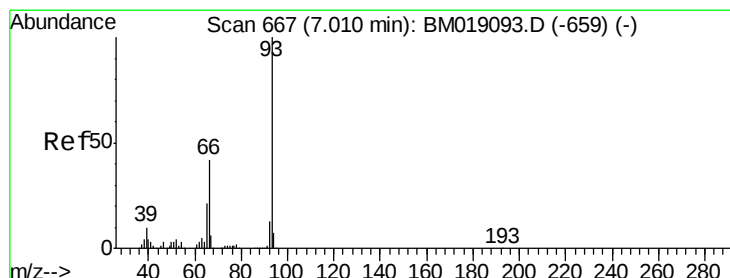
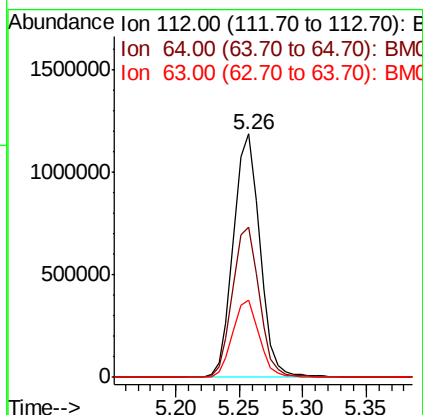
BNA_M

ClientSampleId :

TP-5MSD

Manual Integrations
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#6

Aniline

Concen: 27.478 ng

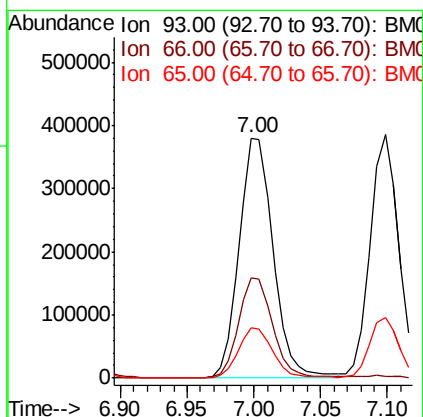
RT: 7.00 min Scan# 682

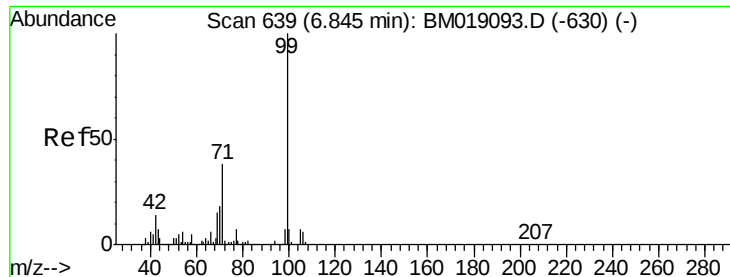
Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tgt Ion:	93	Resp:	672821
Ion Ratio	Lower	Upper	
93	100		
66	41.9	33.4	50.2
65	21.0	16.8	25.2





#7

Phenol-d6

Concen: 135.933 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

ClientSampleId :

TP-5MSD

Tot Ion: 99 Resp: 2578004

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

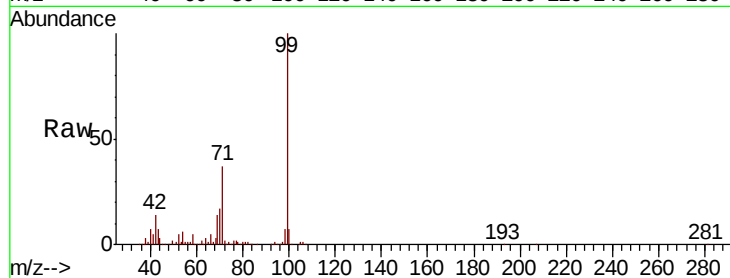
71 37.2 30.3 45.5

Manual Integrations

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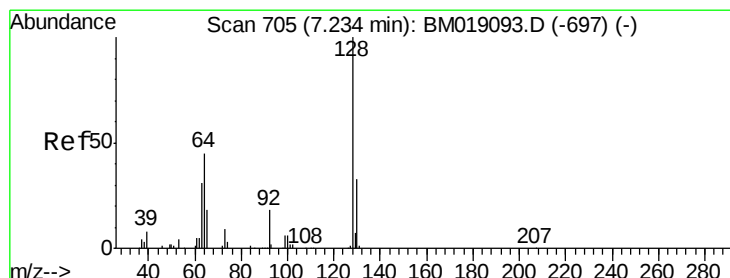
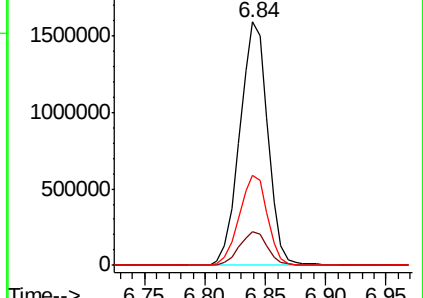
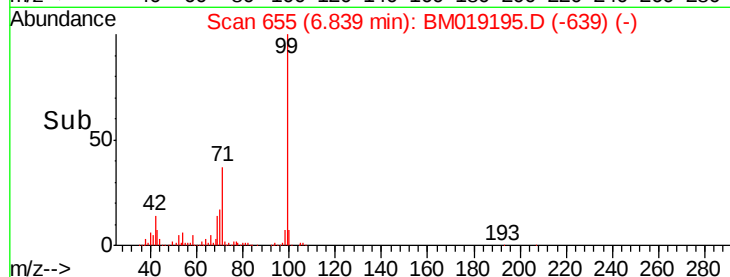


Abundance Ion 99.00 (98.70 to 99.70): BM019195.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019195.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019195.D (-639) (-)

Time-->



#8

2-Chlorophenol

Concen: 40.076 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

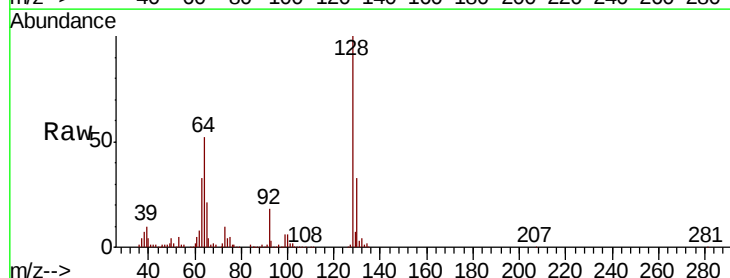
Tgt Ion: 128 Resp: 624426

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

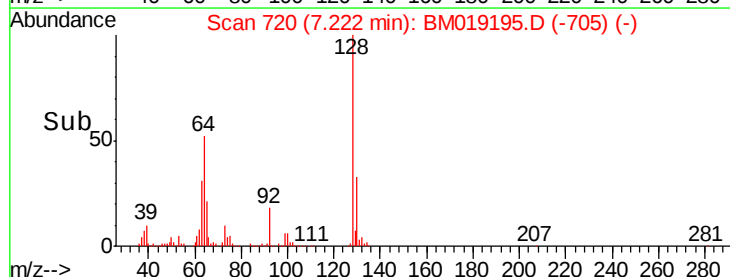
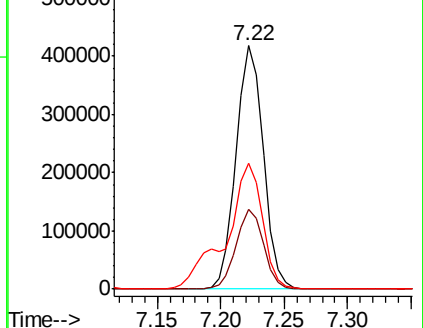
64 51.8 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): BM019195.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019195.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019195.D (-705) (-)





#9

Benzaldehyde

Concen: 22.253 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

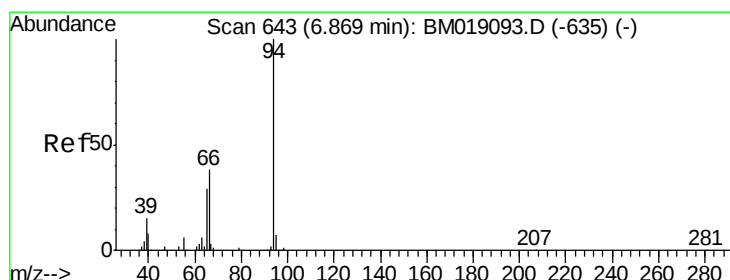
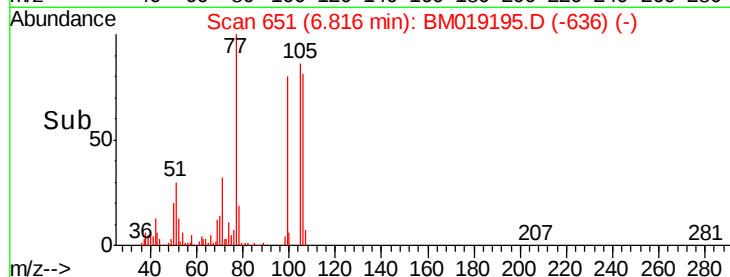
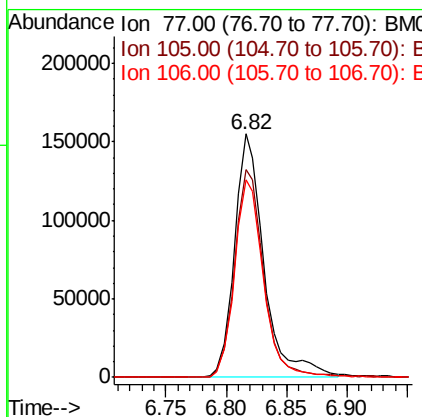
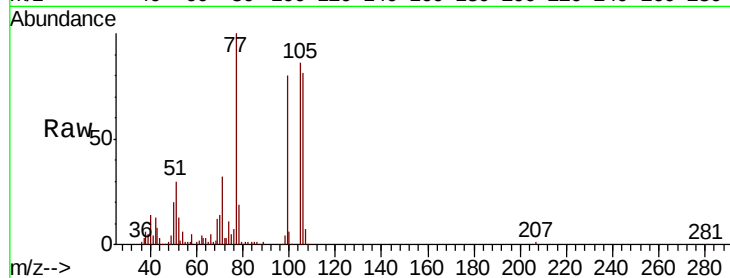
ClientSampleId :

TP-5MSD

Tot Ion:	77	Resp:	265462
Ion Ratio	Lower	Upper	
77	100		
105	85.6	67.7	107.7
106	81.3	64.1	104.1

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#10

Phenol

Concen: 44.167 ng

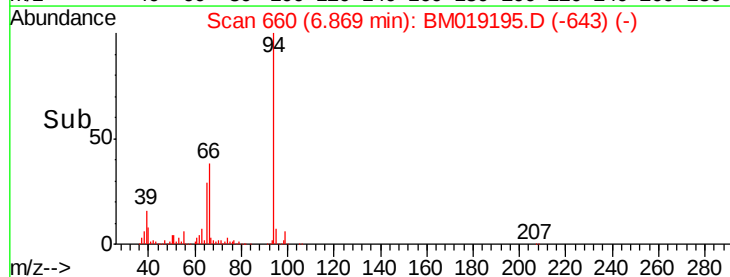
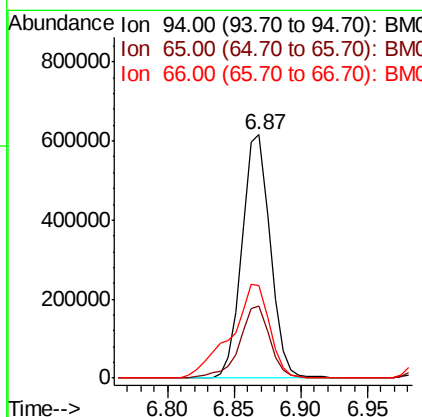
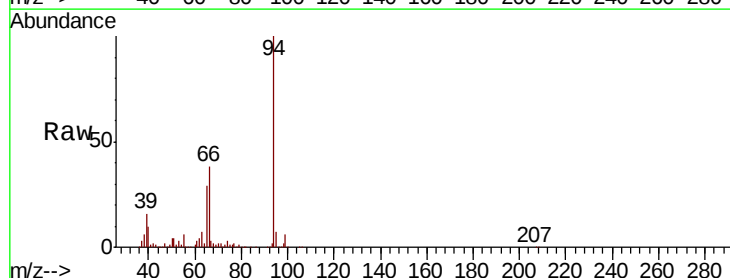
RT: 6.87 min Scan# 660

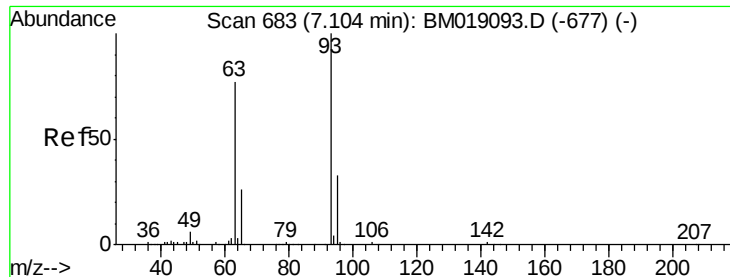
Delta R.T. -0.00 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tgt Ion:	94	Resp:	902732
Ion Ratio	Lower	Upper	
94	100		
65	29.4	9.7	49.7
66	38.2	19.2	59.2





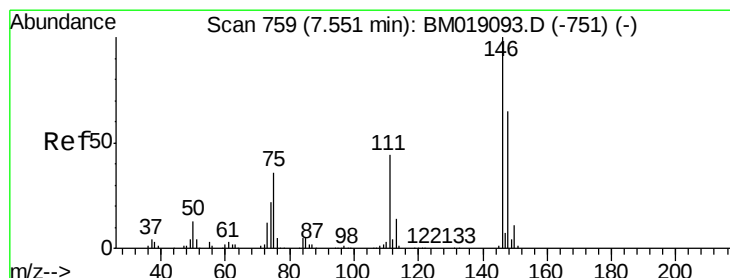
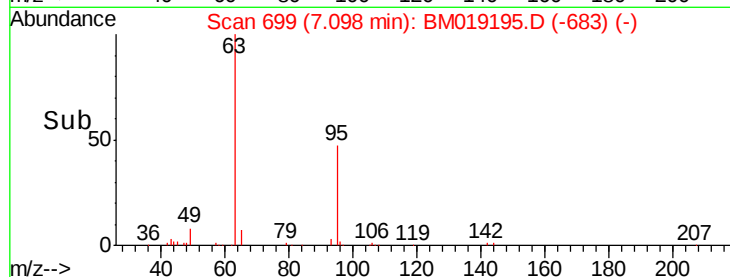
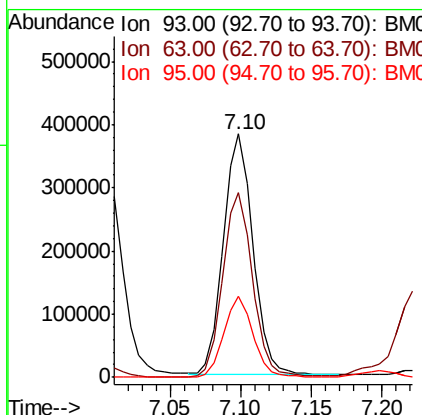
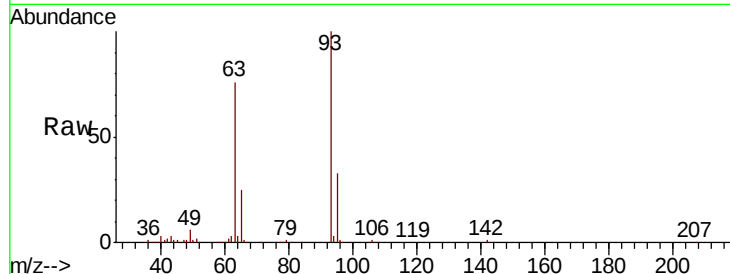
#11
bis(2-Chloroethyl)ether
Concen: 35.739 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.0	56.6	96.6
95	33.1	13.0	53.0

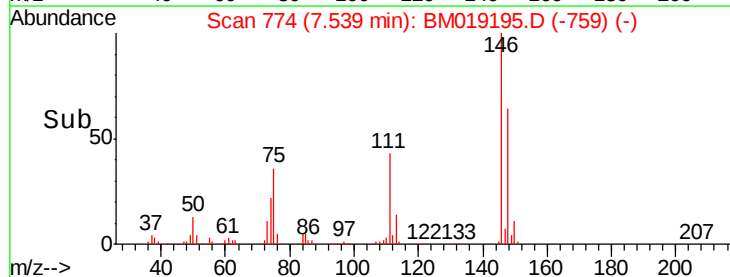
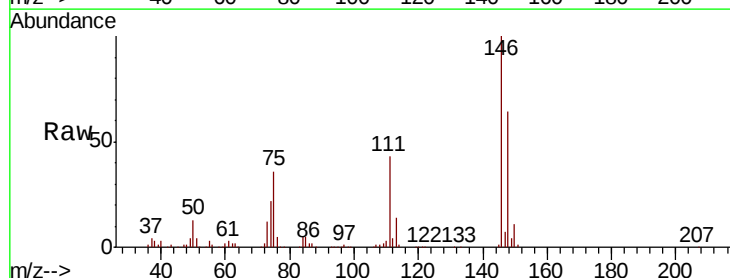
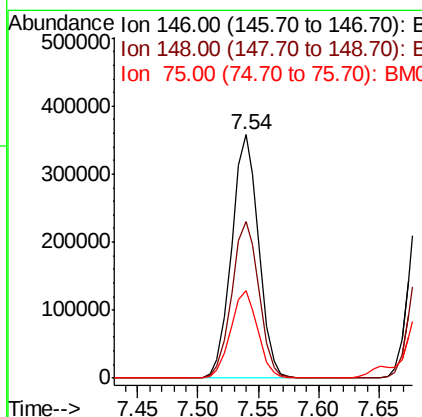
Manual Integrations
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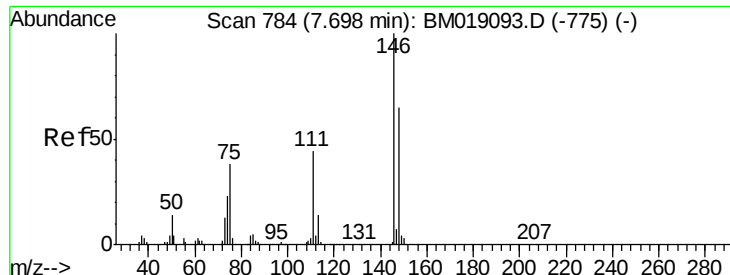
Sohil
3/18/2019 3:04:37 PM



#12
1,3-Dichlorobenzene
Concen: 33.832 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
75	36.1	29.1	43.7





#13

1,4-Dichlorobenzene

Concen: 34.172 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

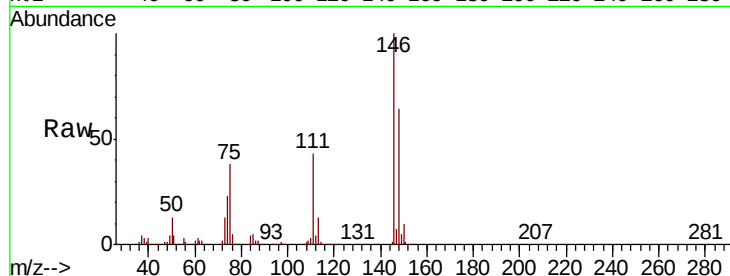
ClientSampled :

TP-5MSD

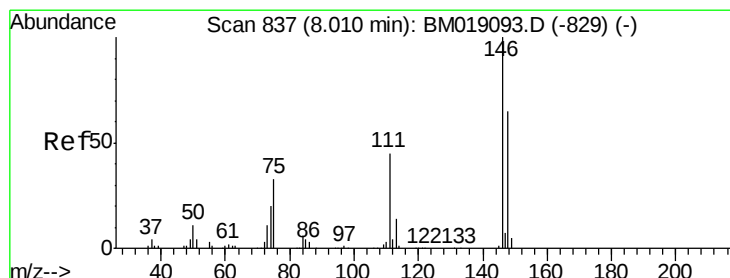
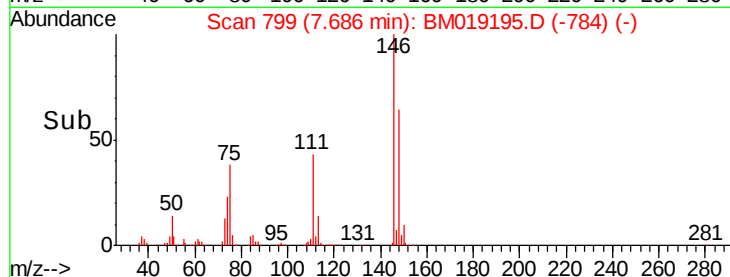
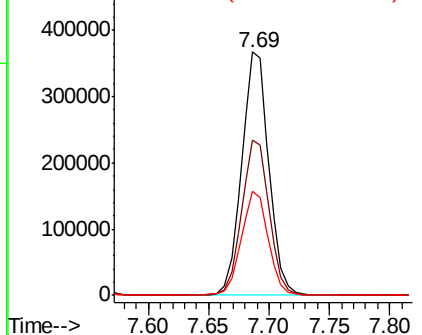
Tot Ion:	146	Resp:	574452
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
111	42.7	35.4	53.0

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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: 34.933 ng

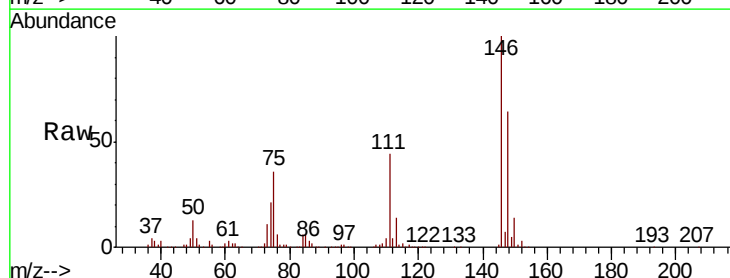
RT: 8.00 min Scan# 852

Delta R.T. -0.01 min

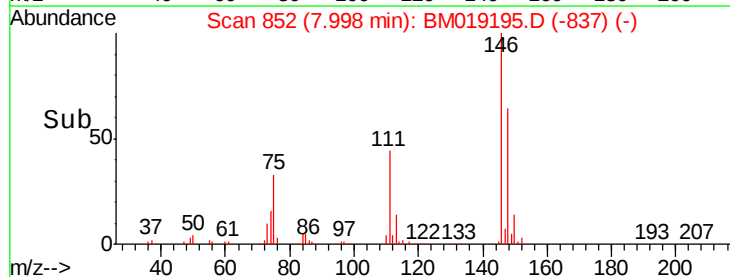
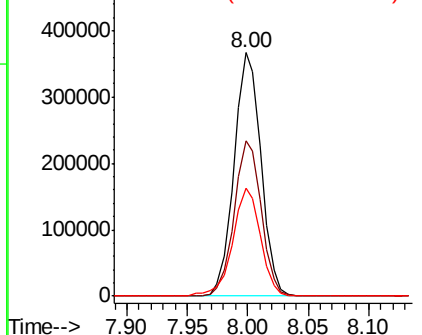
Lab File: BM019195.D

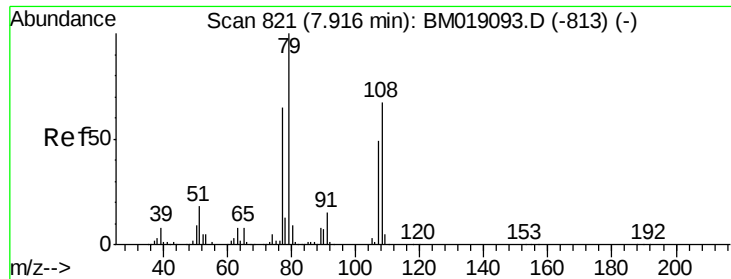
Acq: 15 Mar 2019 20:31

Tgt Ion:	146	Resp:	571338
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.6
111	44.4	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: 39.072 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

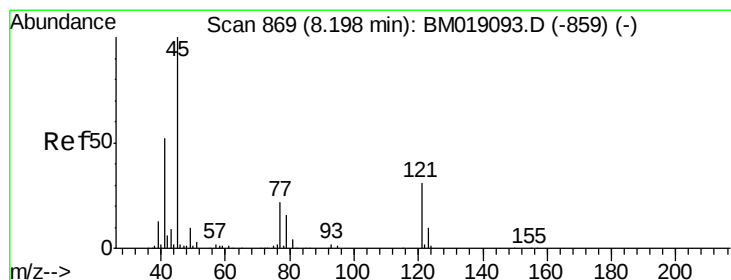
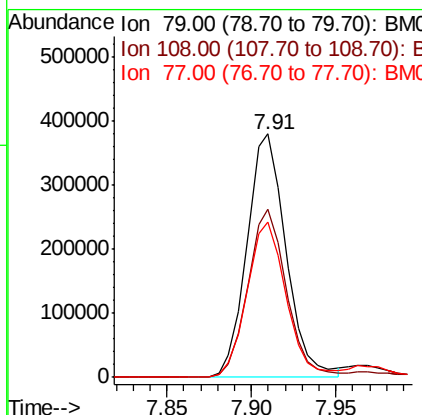
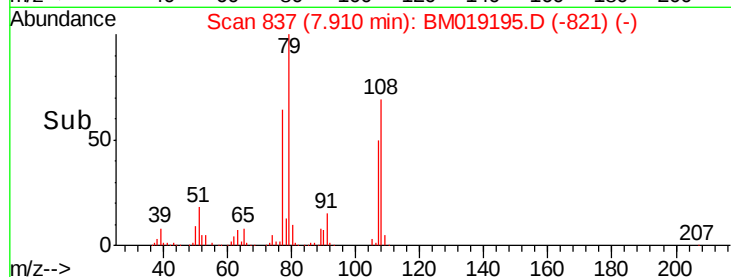
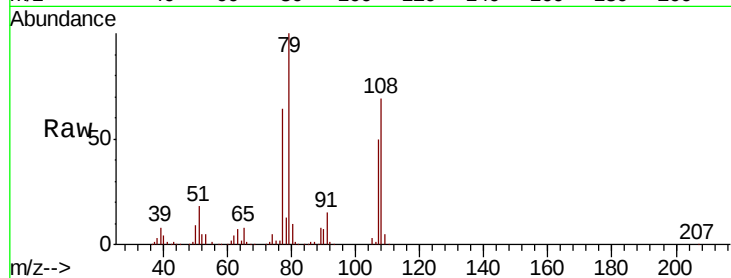
ClientSampled :

TP-5MSD

Tot Ion:	79	Resp:	613282
Ion Ratio	Lower	Upper	
79	100		
108	69.1	53.7	80.5
77	64.0	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.109 ng

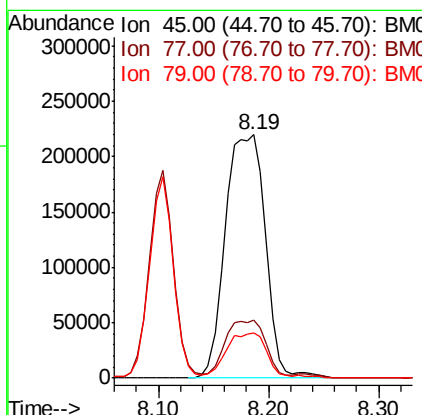
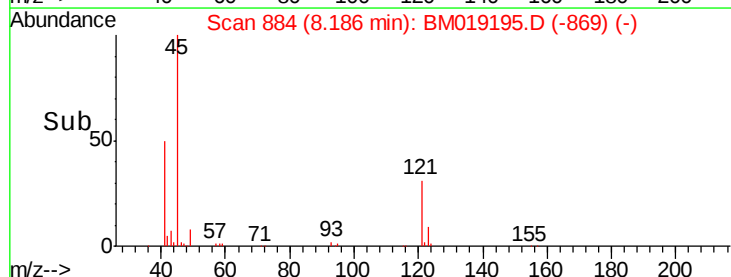
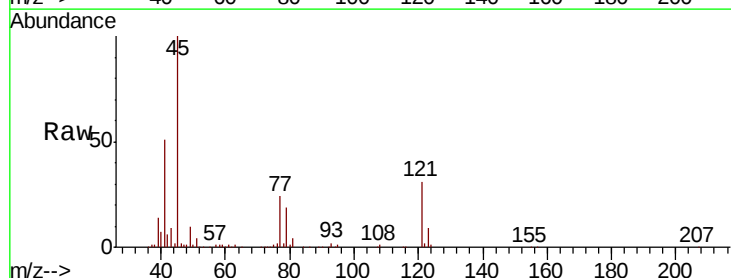
RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tgt Ion:	45	Resp:	559110
Ion Ratio	Lower	Upper	
45	100		
77	23.7	4.1	44.1
79	18.6	0.0	38.1





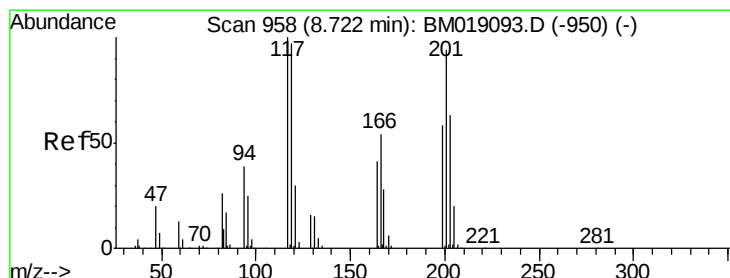
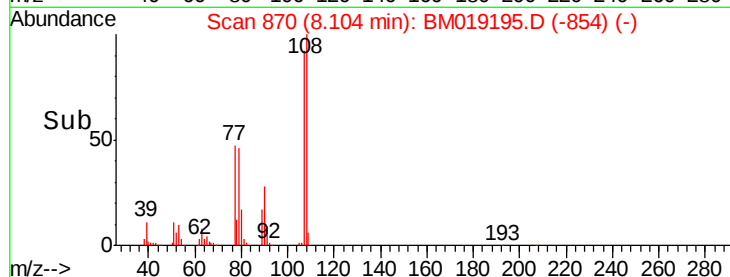
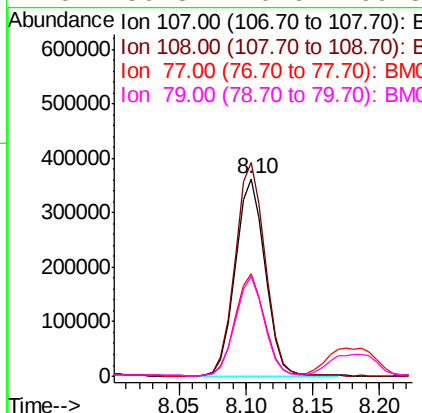
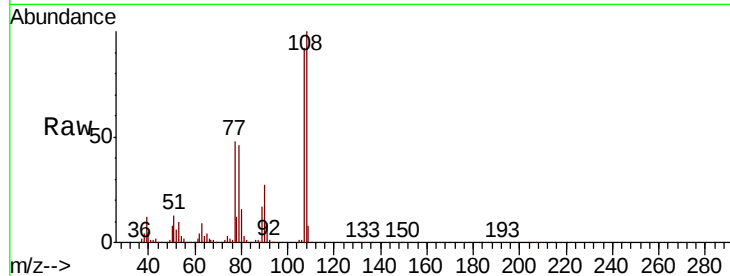
#17
2-Methylphenol
Concen: 42.069 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	87.4	131.2	
77	51.7	41.6	62.4	
79	50.3	40.6	60.8	

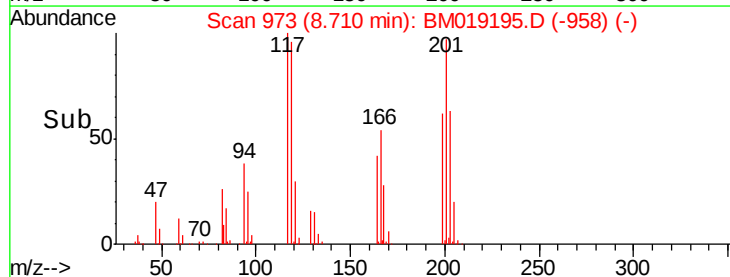
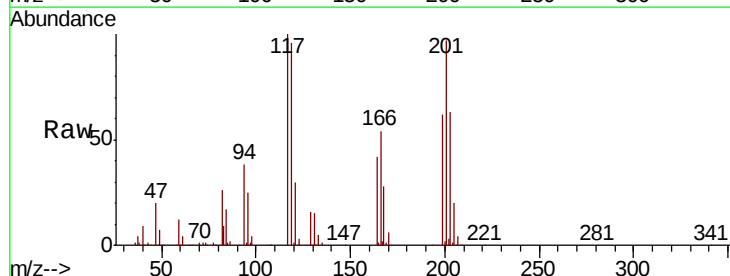
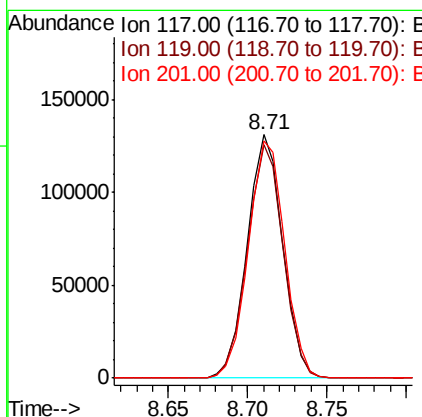
Manual Integrations
APPROVED

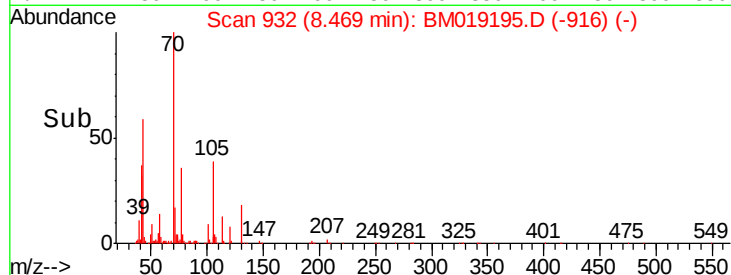
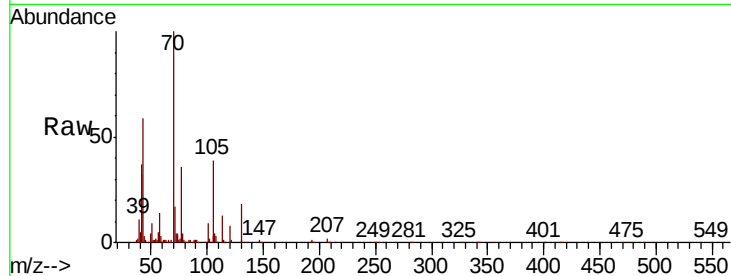
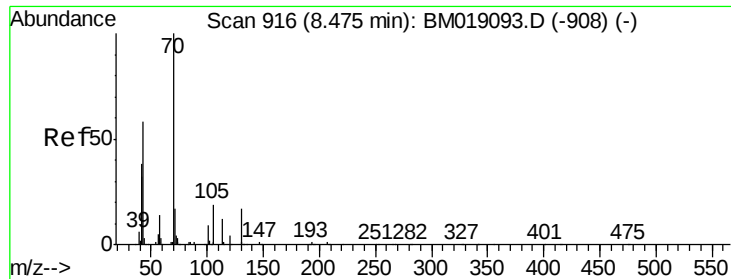
Sohil
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#18
Hexachloroethane
Concen: 32.642 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.4	116.2	
201	97.2	75.2	112.8	





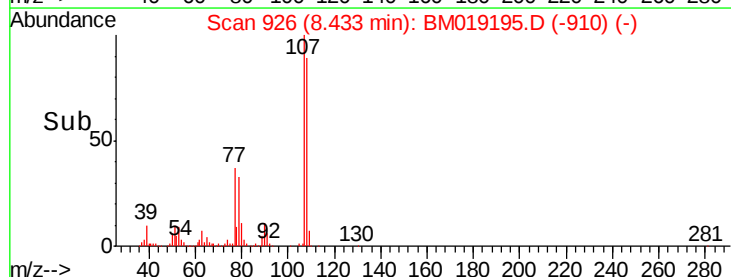
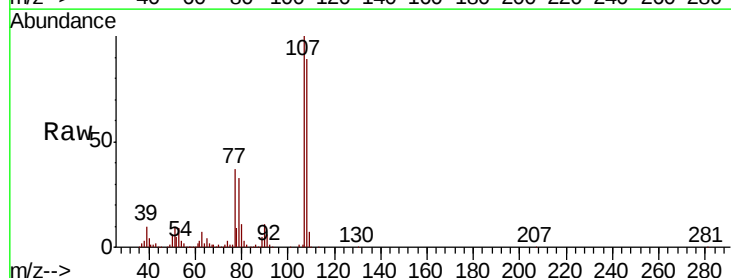
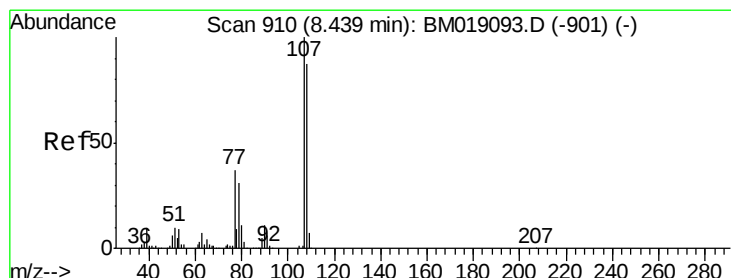
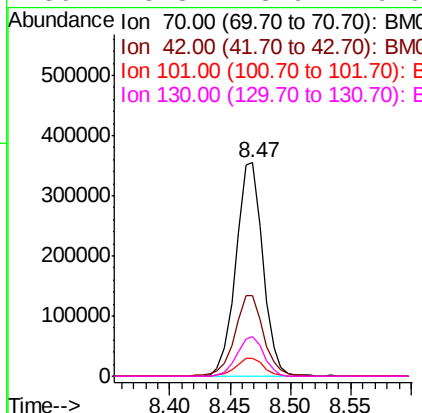
#19
n-Nitroso-di-n-propylamine
Concen: 35.851 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.5	30.6	45.8		
101	8.7	6.8	10.2		
130	18.3	13.9	20.9		

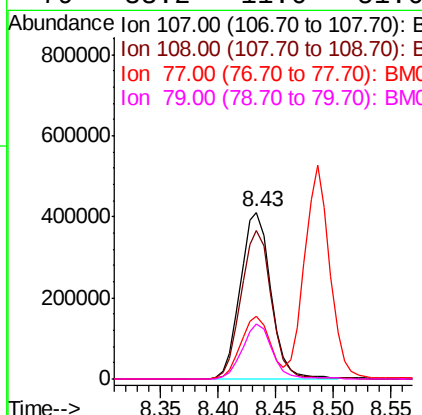
Manual Integrations
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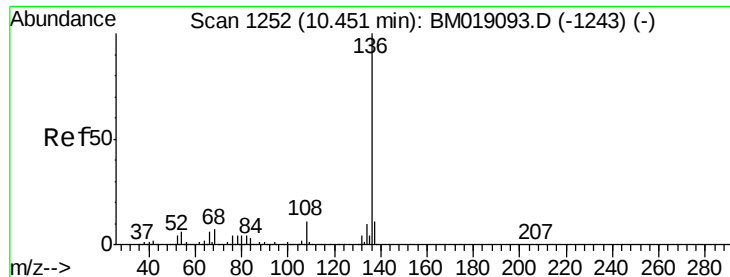
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#20
3+4-Methylphenols
Concen: 41.985 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	67.0	107.0		
77	37.3	17.3	57.3		
79	33.2	11.6	51.6		





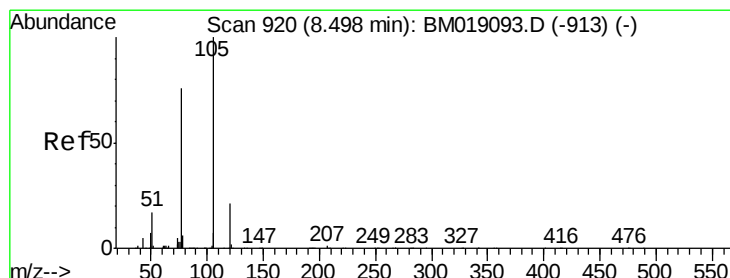
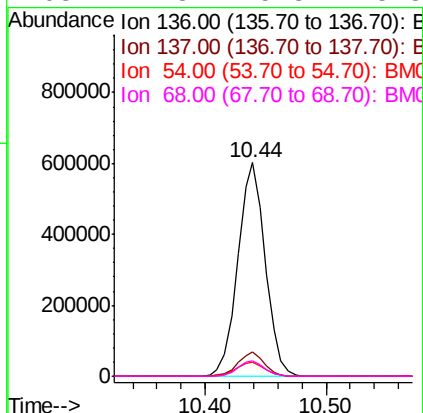
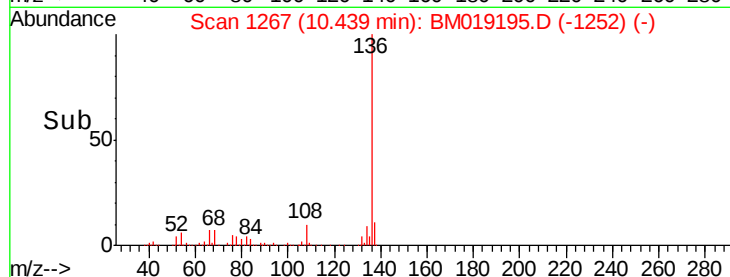
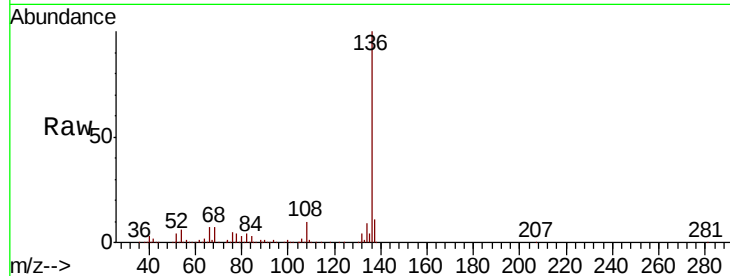
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	950696		
137	11.2	8.6	13.0	
54	6.4	5.2	7.8	
68	7.3	5.8	8.8	

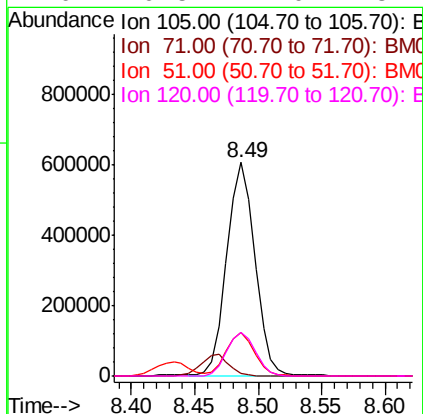
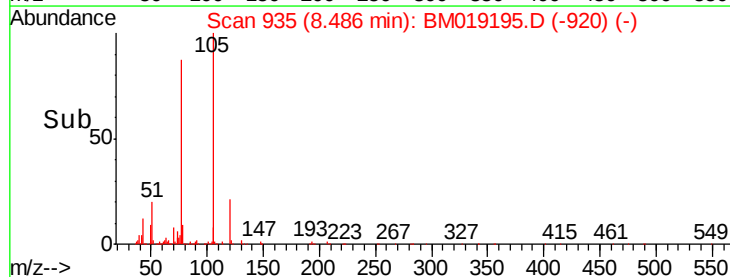
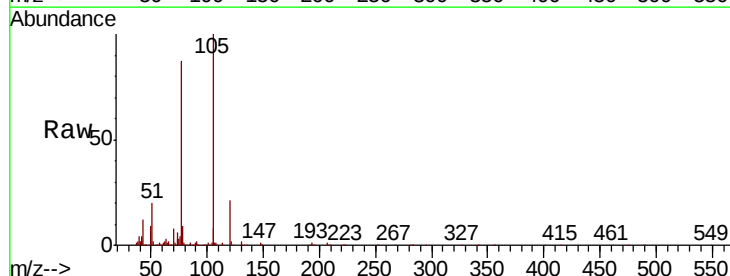
Manual Integrations
APPROVED

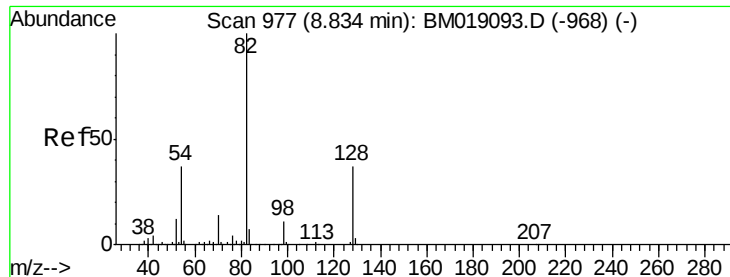
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#22
Acetophenone
Concen: 35.214 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	925183		
71	1.3	0.8	1.2#	
51	20.1	15.8	23.6	
120	20.5	17.0	25.4	





#23

Nitrobenzene-d5

Concen: 78.178 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

ClientSampleId :

TP-5MSD

Tot Ion: 82 Resp: 1572313

Ion Ratio Lower Upper

82 100

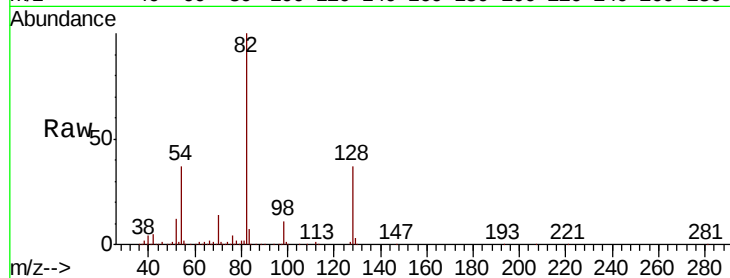
128 37.1 29.4 44.2

54 36.9 29.9 44.9

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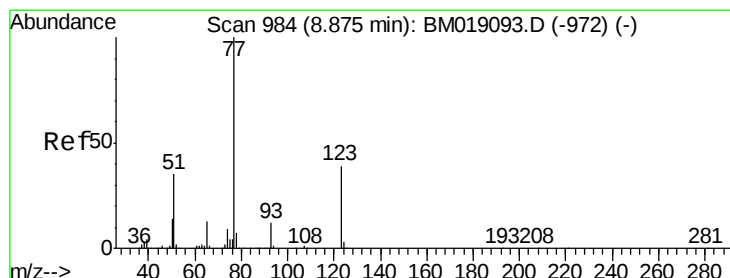
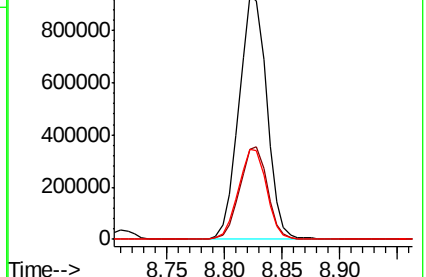
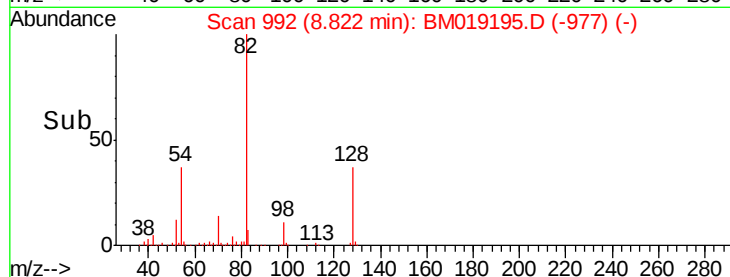
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Abundance Ion 82.00 (81.70 to 82.70): BM019195.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM019195.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM019195.D (-977) (-)



#24

Nitrobenzene

Concen: 37.537 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

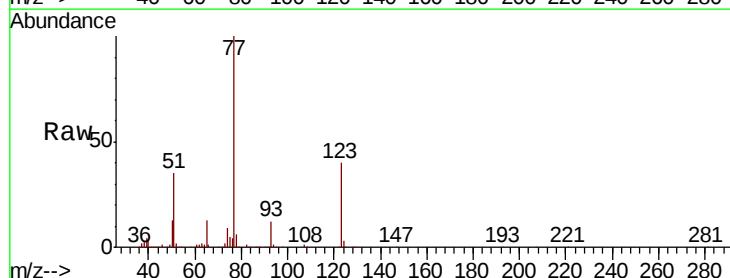
Tgt Ion: 77 Resp: 785159

Ion Ratio Lower Upper

77 100

123 40.4 31.3 46.9

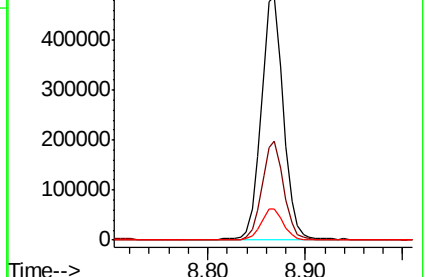
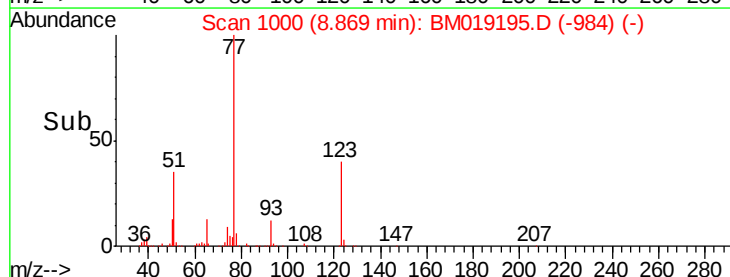
65 12.9 10.5 15.7

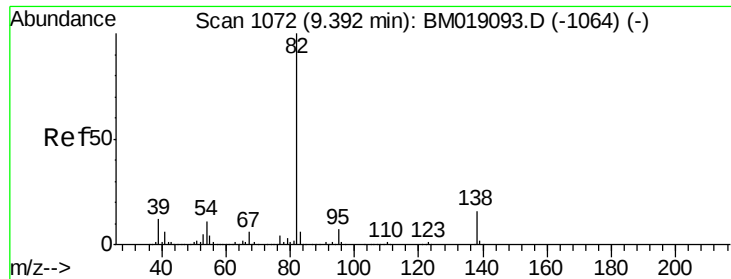


Abundance Ion 77.00 (76.70 to 77.70): BM019195.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM019195.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM019195.D (-984) (-)





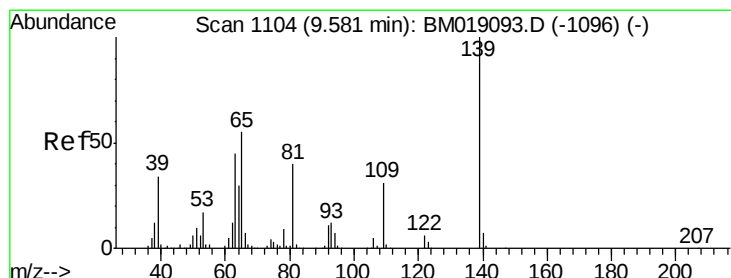
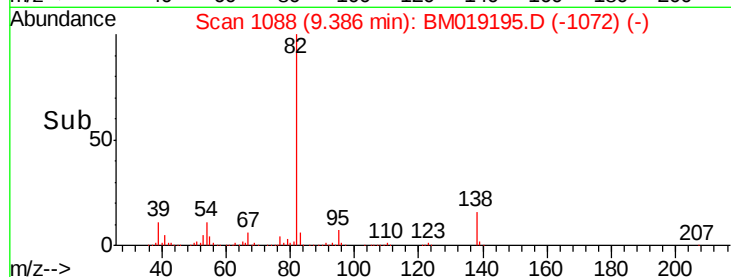
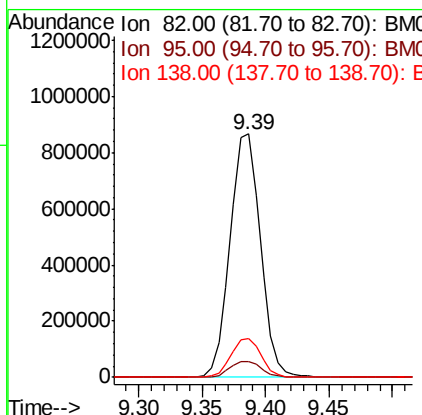
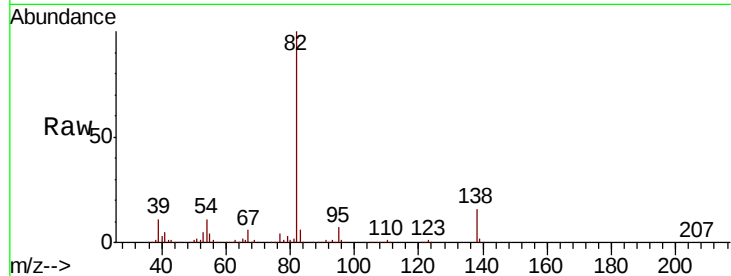
#25
Isophorone
Concen: 37.496 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	16.1	12.6	18.8

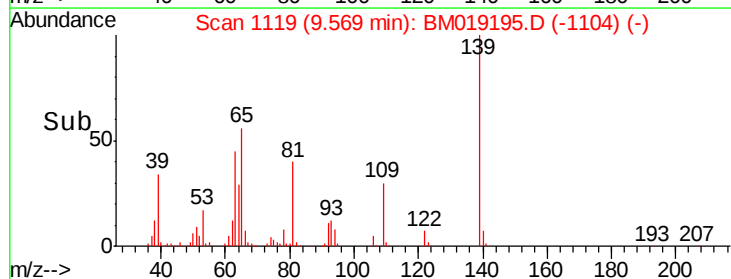
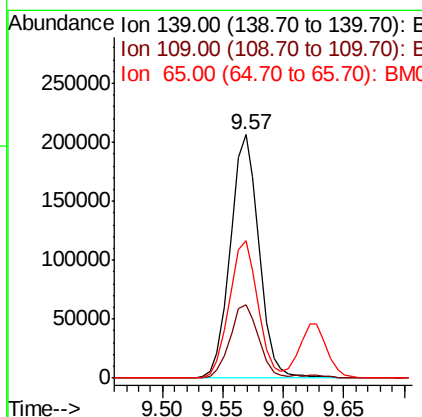
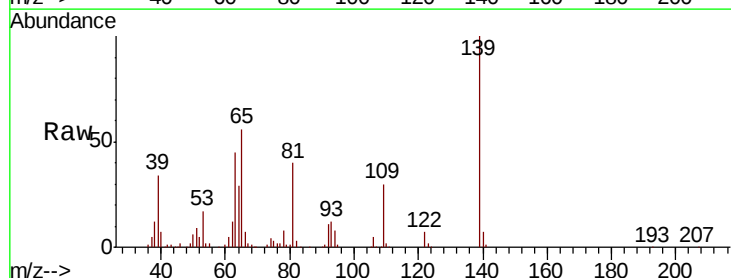
Manual Integrations
APPROVED

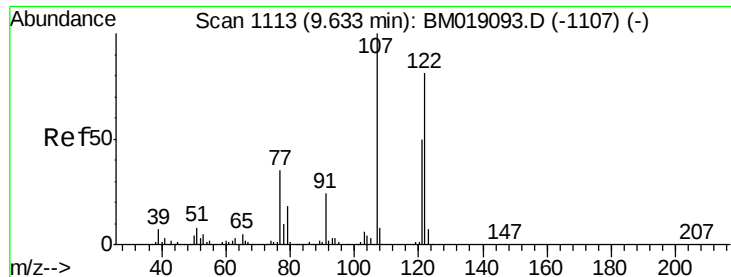
Sohil
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#26
2-Nitrophenol
Concen: 39.343 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.9	24.5	36.7
65	56.2	44.4	66.6





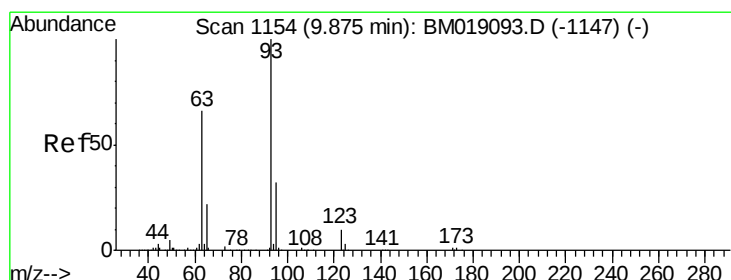
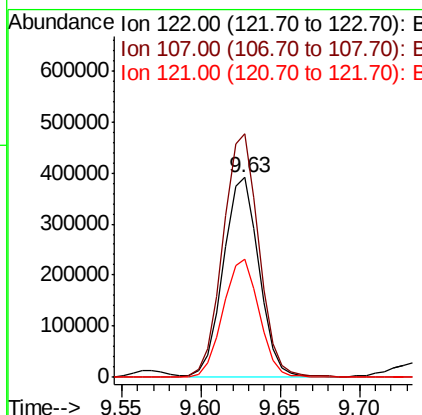
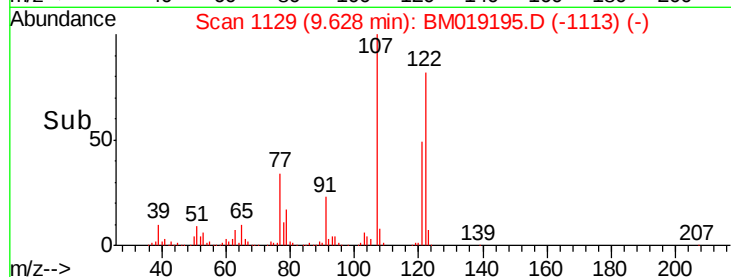
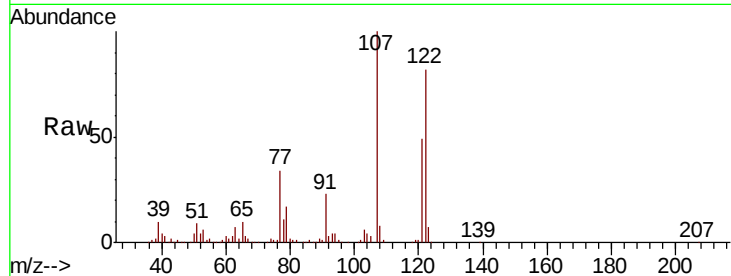
#27
2,4-Dimethylphenol
Concen: 47.046 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	122.0	98.2		147.4	
121	59.5	48.8		73.2	

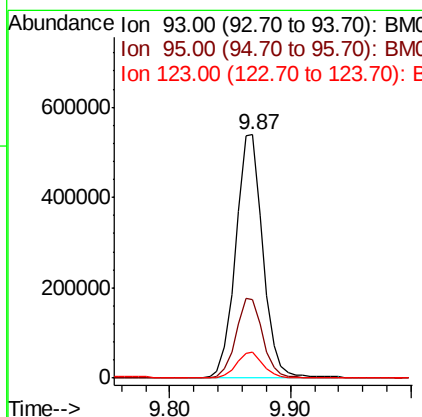
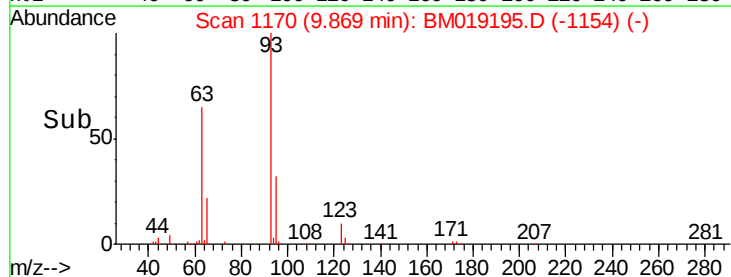
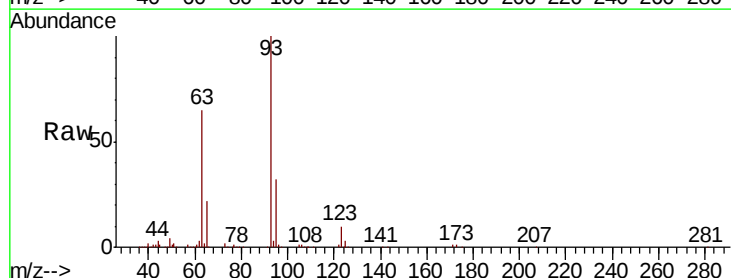
Manual Integrations
APPROVED

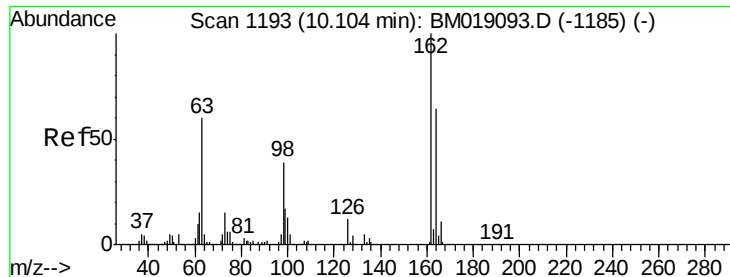
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.320 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.5	25.8		38.8	
123	10.5	7.9		11.9	





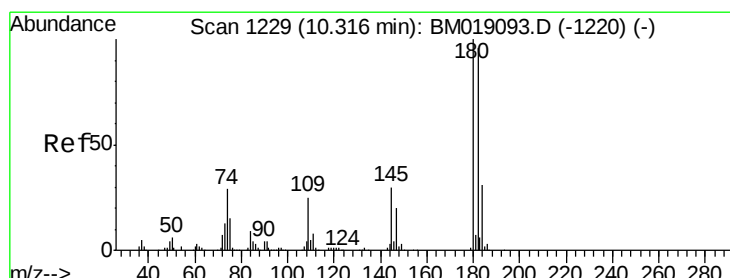
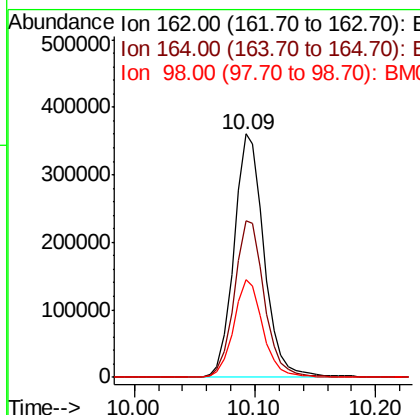
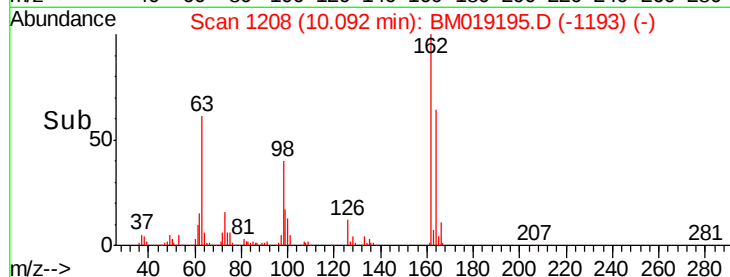
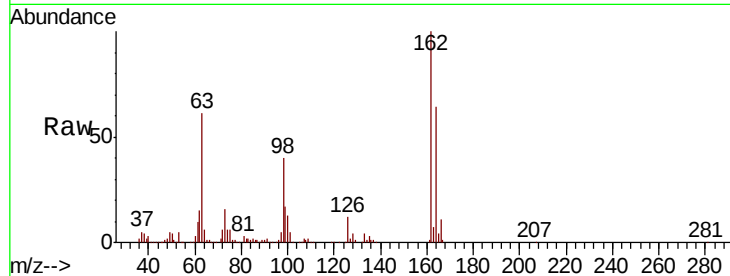
#29
2,4-Dichlorophenol
Concen: 43.708 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	43.5	83.5
98	40.1	19.1	59.1

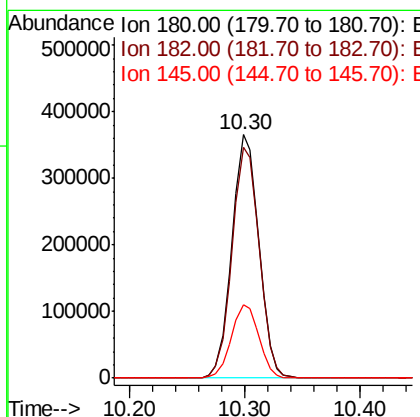
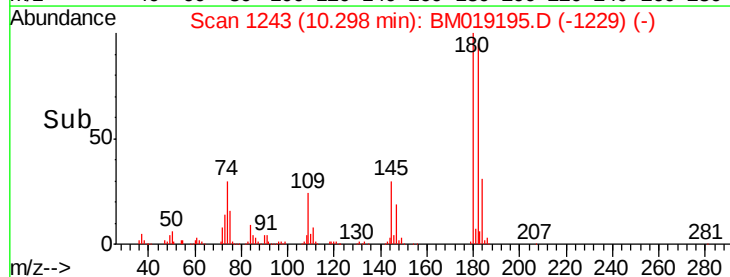
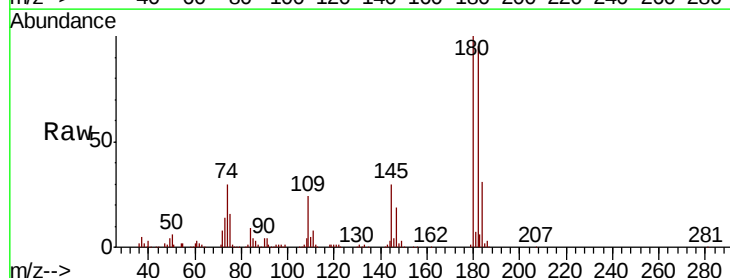
Manual Integrations
APPROVED

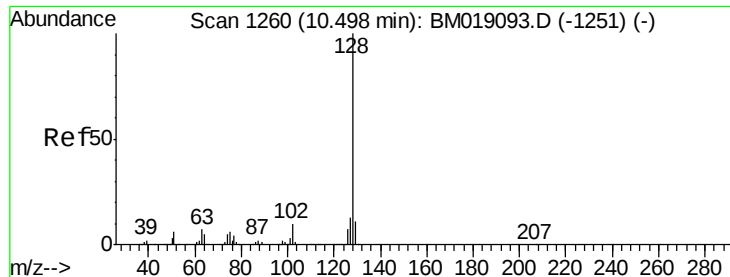
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#30
1,2,4-Trichlorobenzene
Concen: 36.746 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	76.6	114.8
145	29.9	24.3	36.5





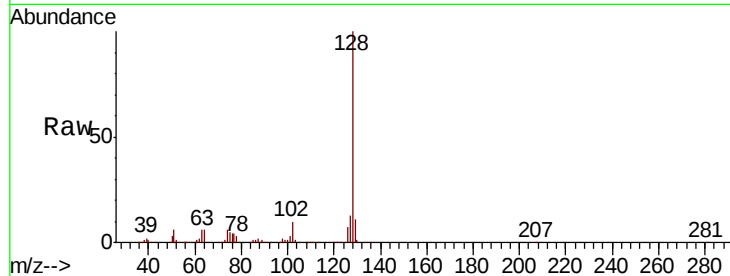
#31
Naphthalene
Concen: 36.826 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.9	10.4	15.6

Manual Integrations
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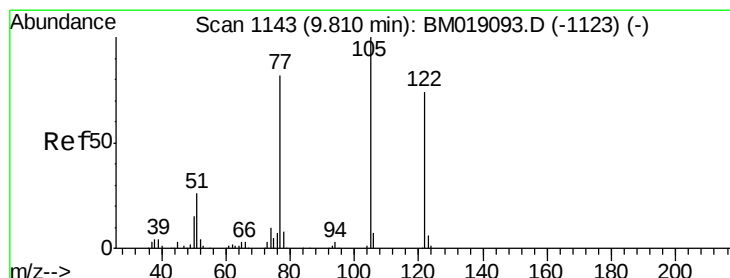
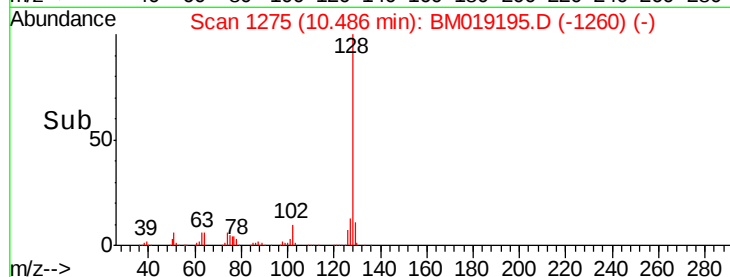
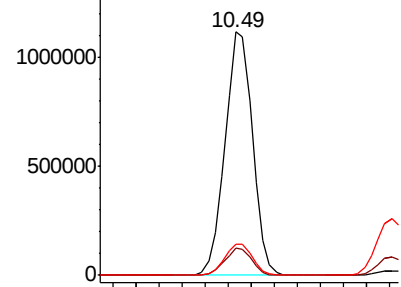


Abundance

Ion 128.00 (127.70 to 128.70): E

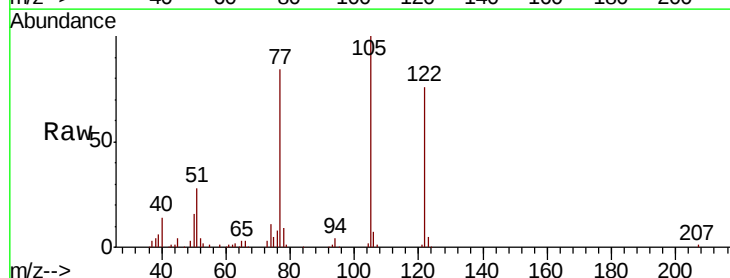
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 18.911 ng m
RT: 9.77 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	113.0	153.0
77	110.6	90.1	130.1

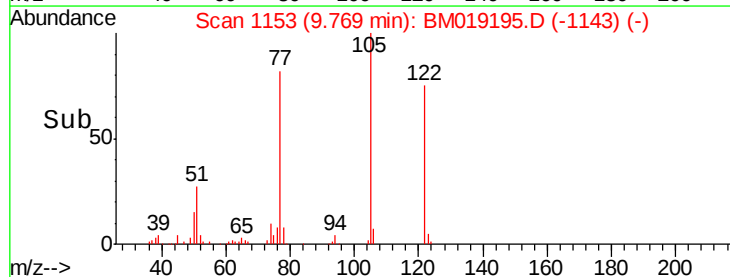
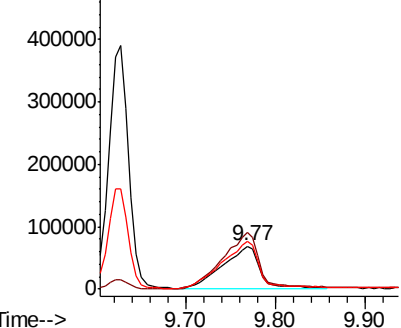


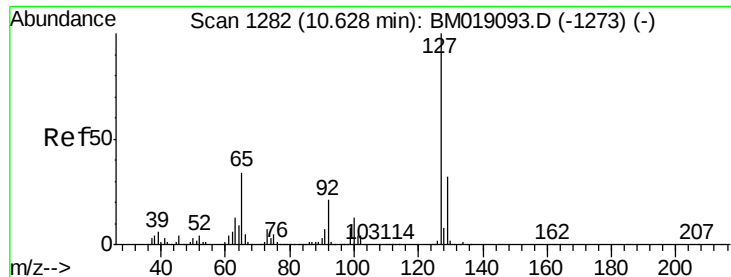
Abundance

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





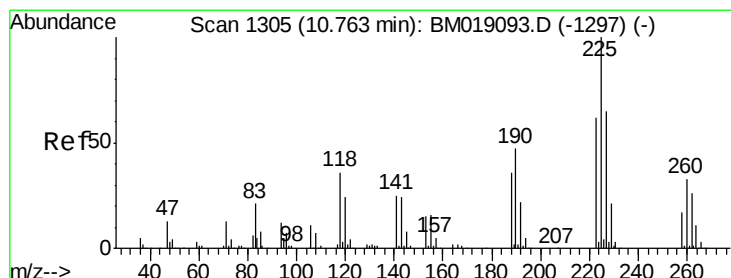
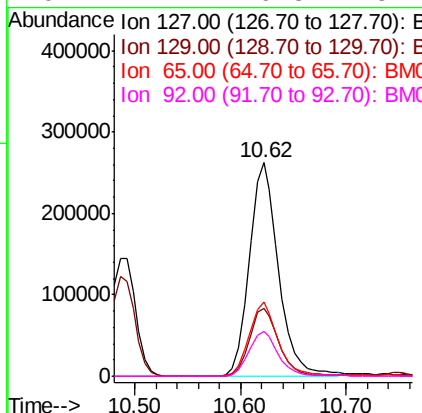
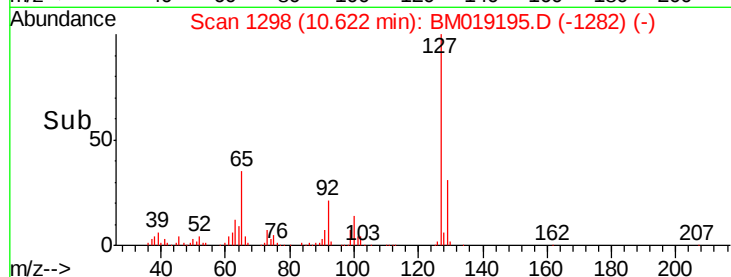
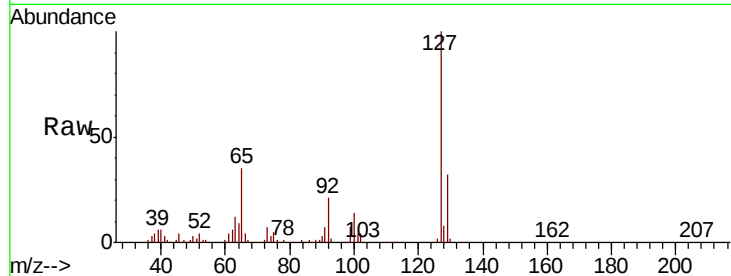
#33
4-Chloroaniline
Concen: 24.584 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	34.7	27.4	41.2
92	21.1	16.8	25.2

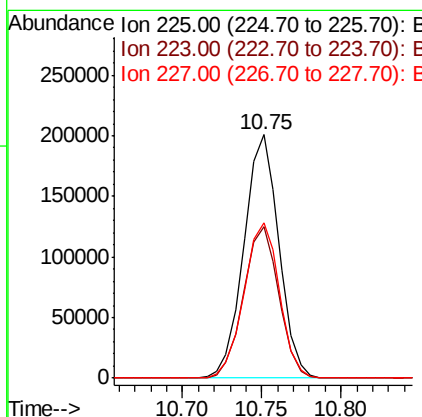
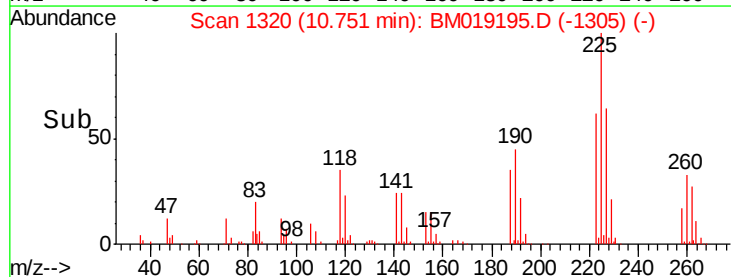
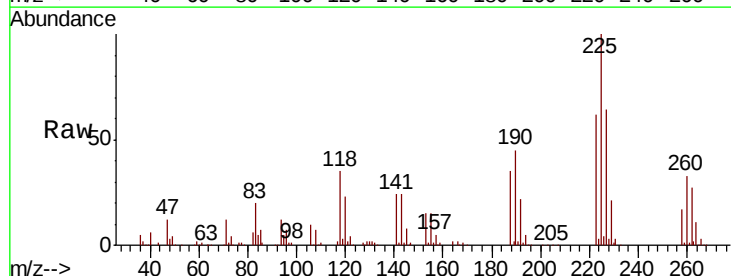
Manual Integrations
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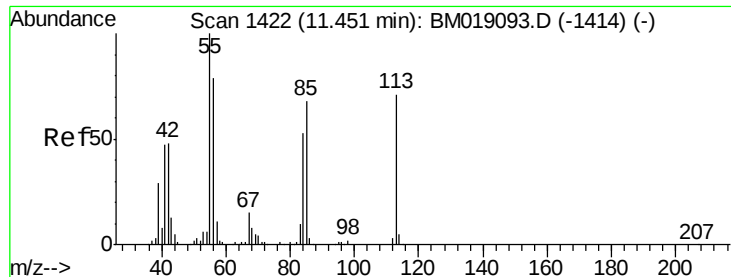
Sohil
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#34
Hexachlorobutadiene
Concen: 33.282 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.0
227	63.9	51.6	77.4





#35

Caprolactam

Concen: 40.345 ng/ml

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

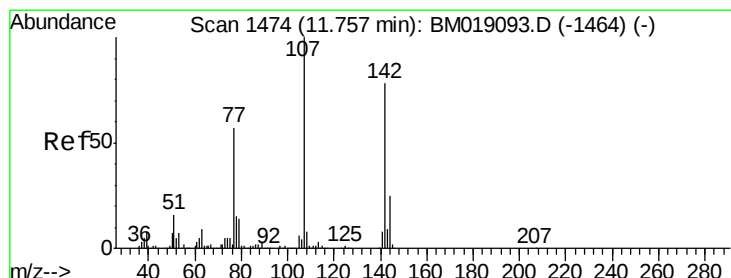
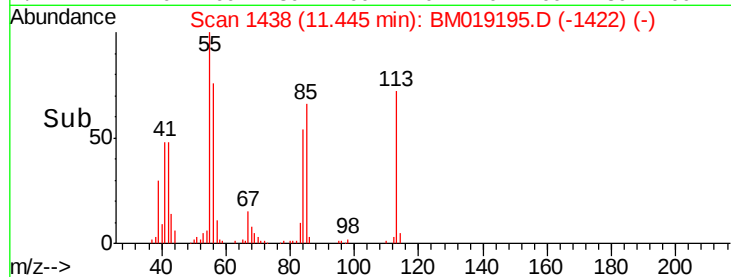
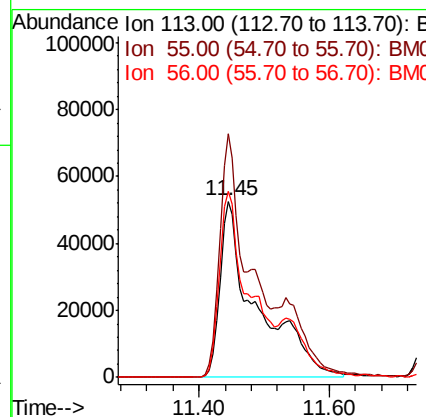
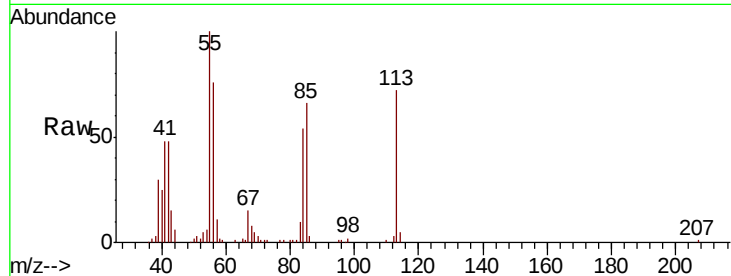
ClientSampled :

TP-5MSD

Tot Ion:	113	Resp:	205163
Ion Ratio	Lower	Upper	
113	100		
55	138.4	120.1	160.1
56	105.7	90.1	130.1

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#36

4-Chloro-3-methylphenol

Concen: 41.048 ng/ml

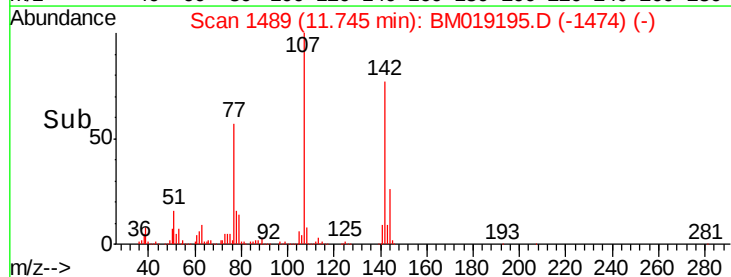
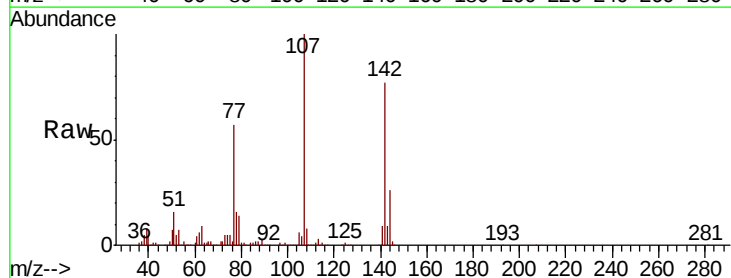
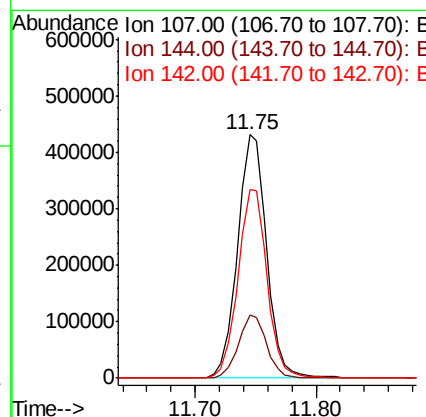
RT: 11.75 min Scan# 1489

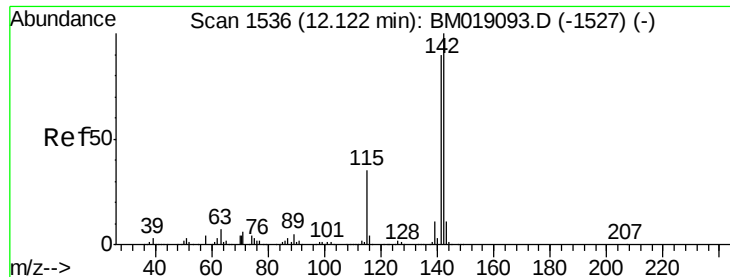
Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tgt Ion:	107	Resp:	723025
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.2	30.4
142	77.4	62.4	93.6





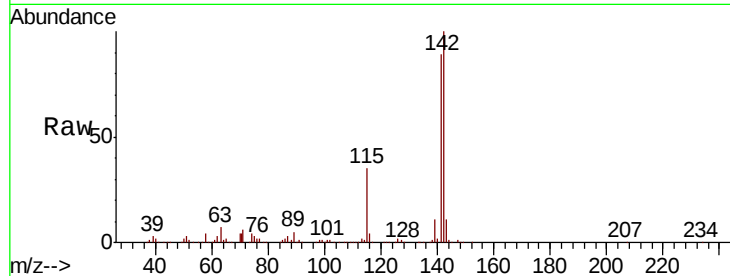
#37
2-Methylnaphthalene
Concen: 37.792 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	35.2	27.8	41.8

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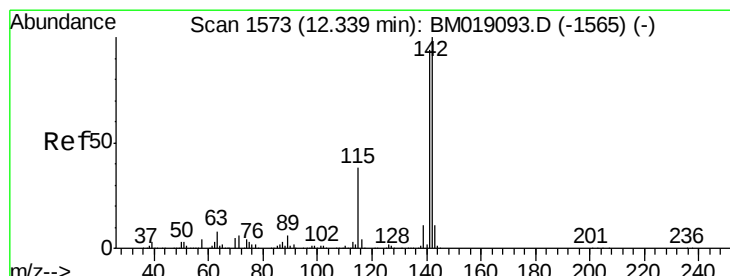
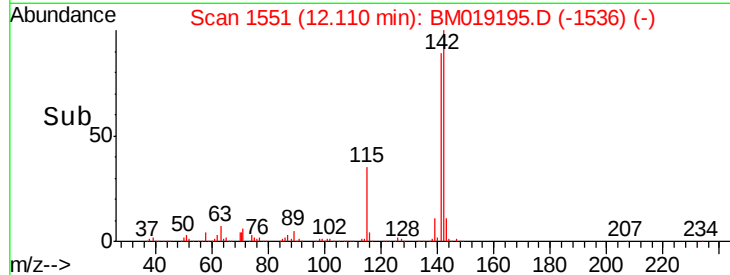
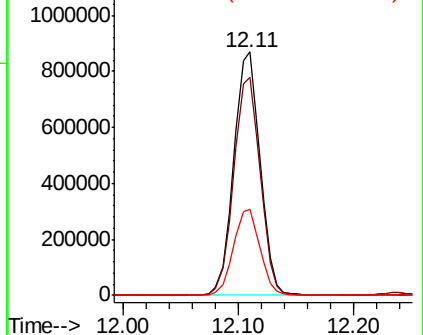


Abundance

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: 36.687 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

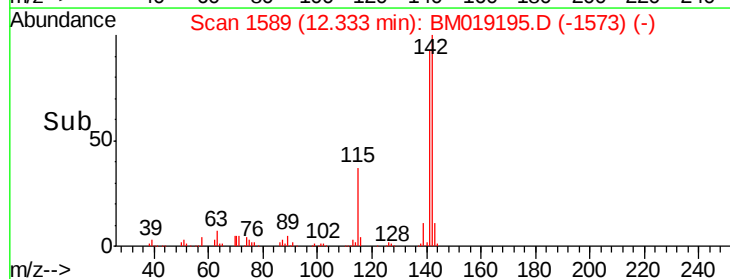
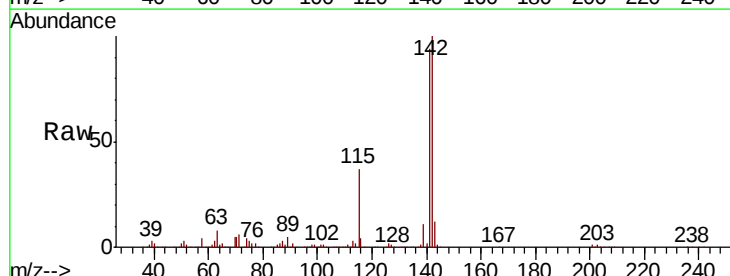
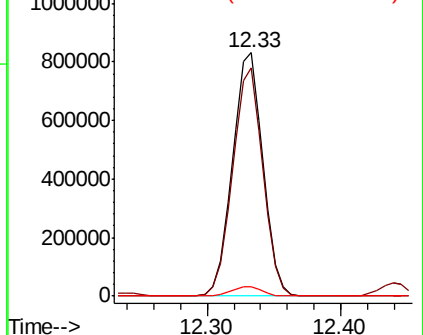
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.9	112.3
116	3.8	3.2	4.8

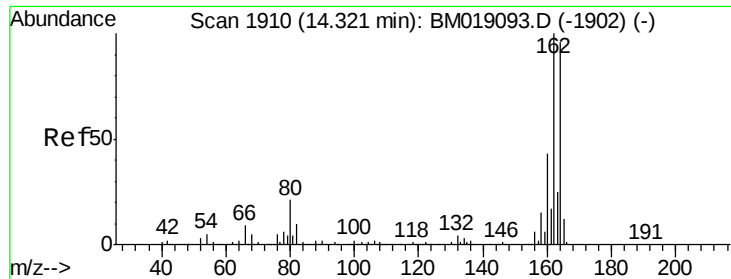
Abundance

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





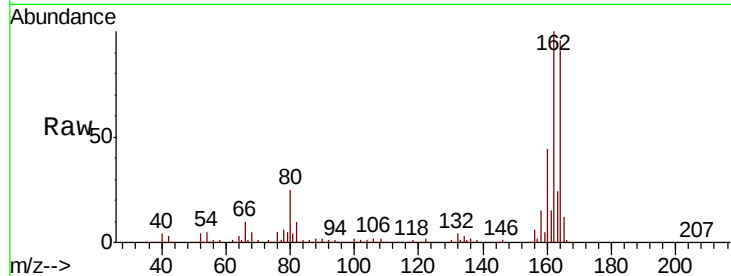
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	580252	83.5	125.3
160	45.3		36.3	54.5

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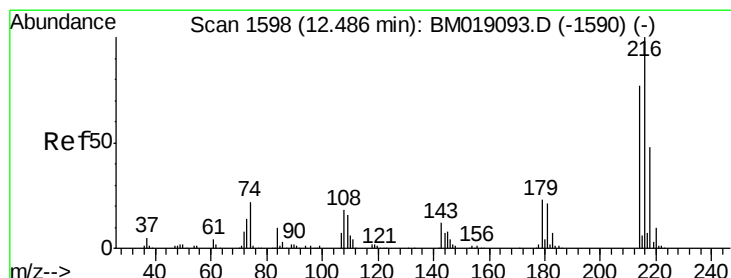
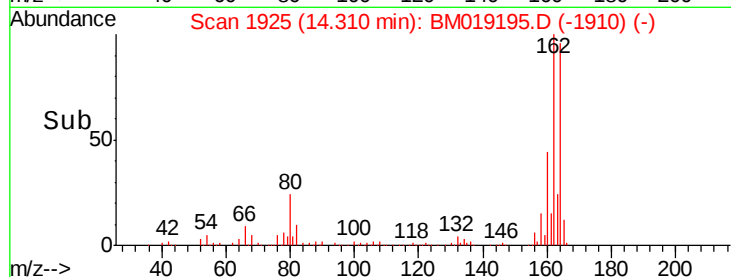
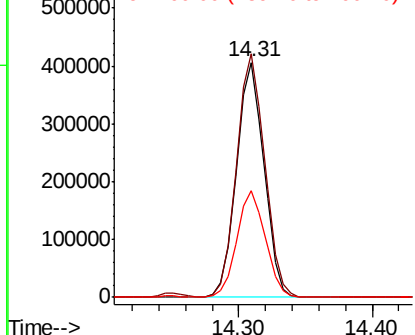


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.964 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	660113		
214	78.8		62.9	94.3
179	22.4		18.0	27.0
108	18.1		16.2	24.4

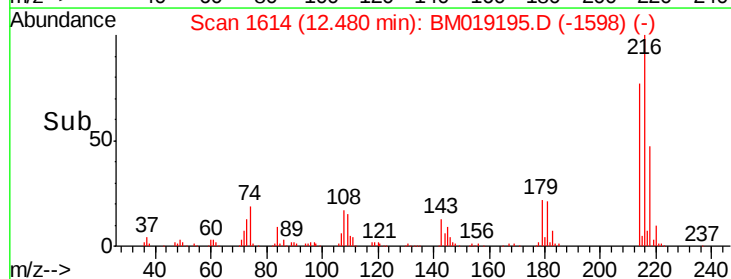
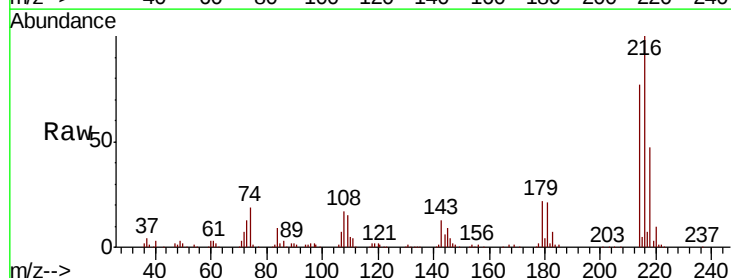
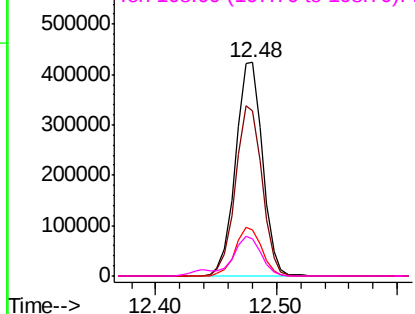
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.043 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

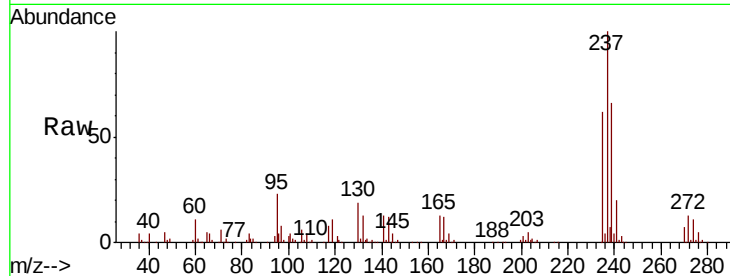
ClientSampled :

TP-5MSD

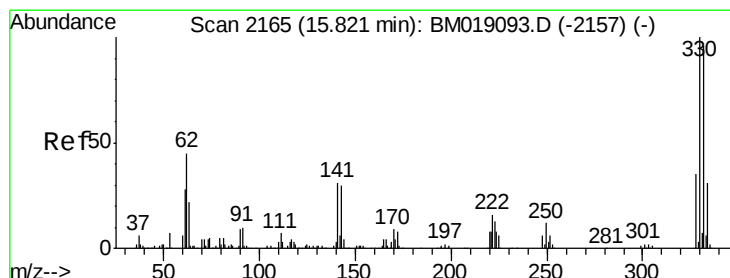
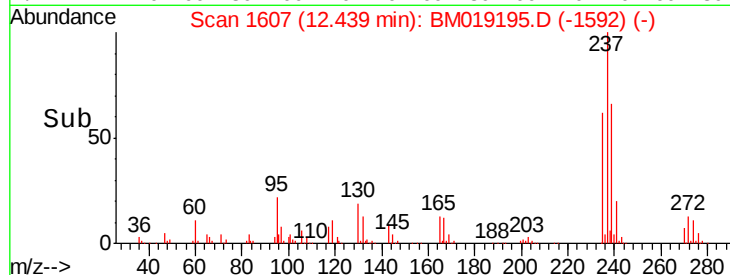
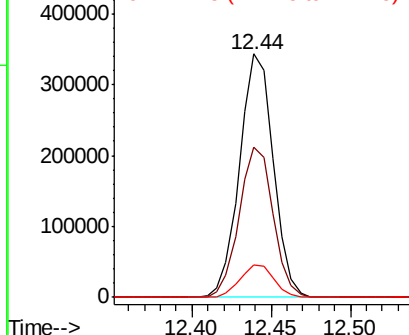
Tot Ion:	237	Resp:	507514
Ion Ratio	Lower	Upper	
237	100		
235	61.9	41.3	81.3
272	13.2	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 125.139 ng

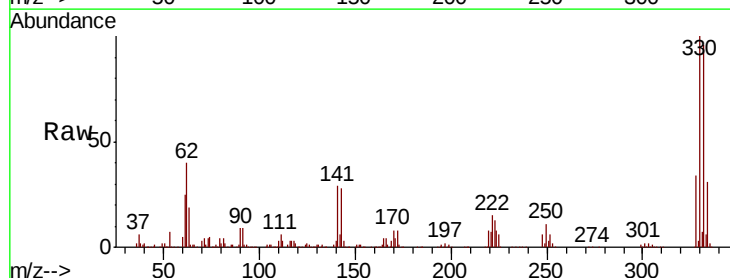
RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

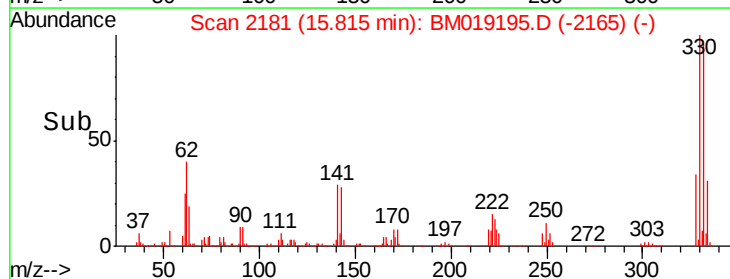
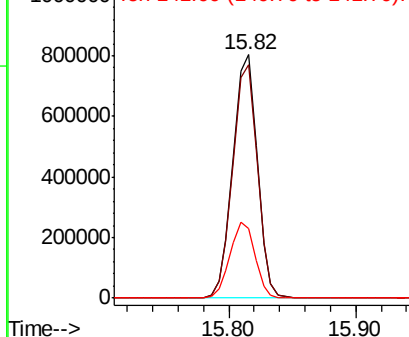
Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tgt Ion:	330	Resp:	1072094
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.8	115.2
141	32.1	27.0	40.4



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





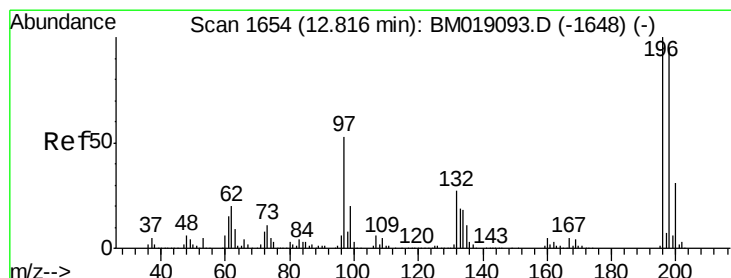
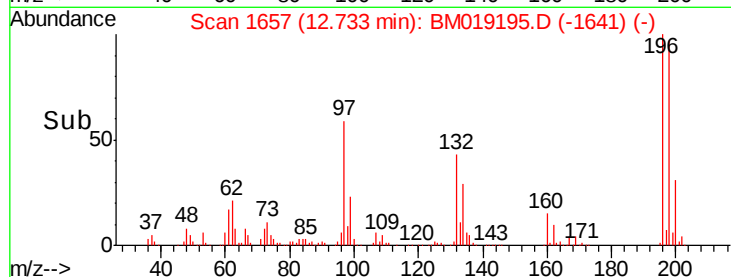
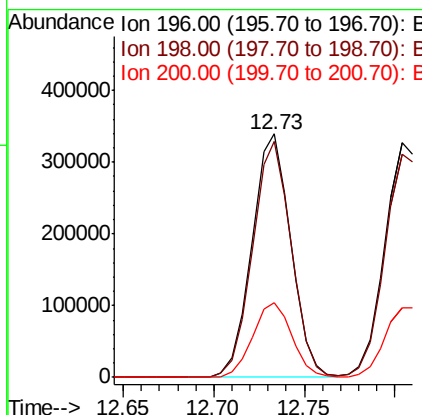
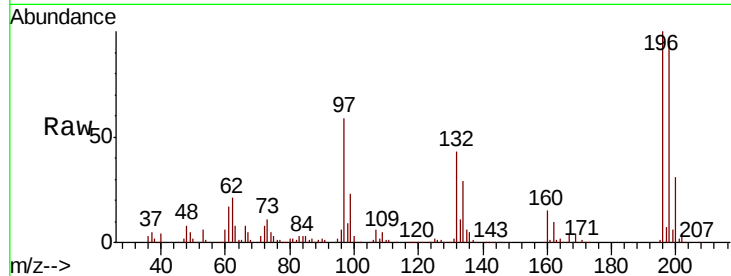
#43
 2,4,6-Trichlorophenol
 Concen: 42.732 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Instrument :
 BNA_M
 ClientSampled :
 TP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	506871		
198	97.0	75.4	113.0	
200	30.6	24.2	36.2	

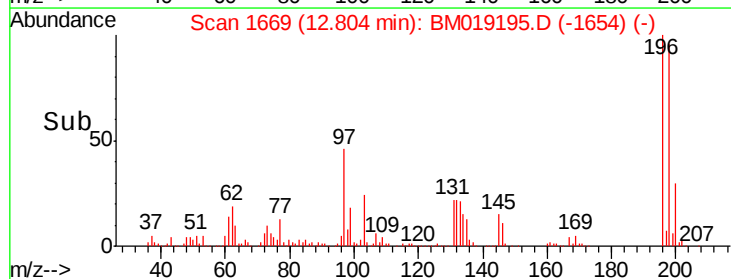
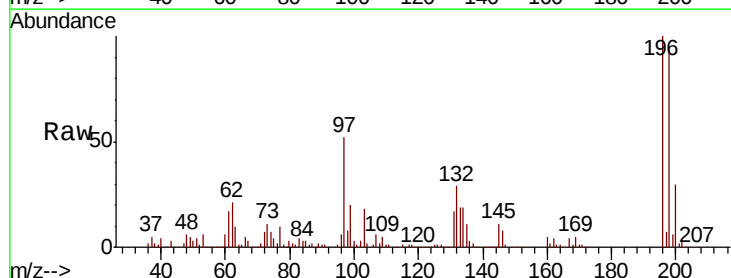
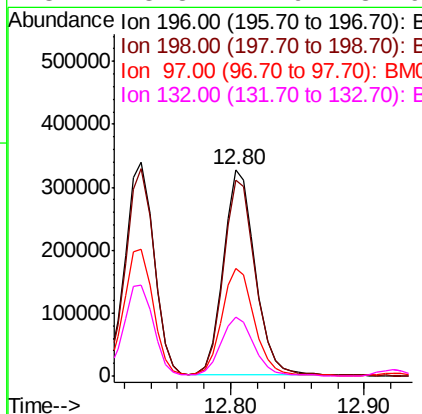
Manual Integrations
 APPROVED

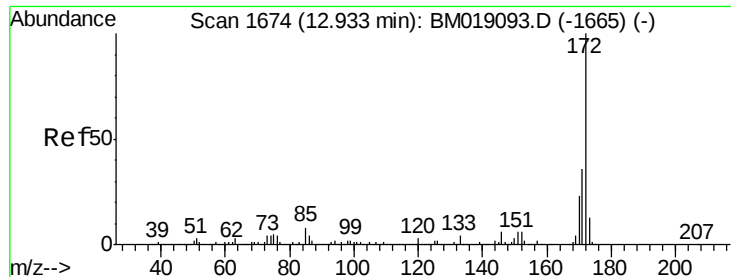
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.518 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	539301		
198	94.7	75.9	113.9	
97	52.4	42.5	63.7	
132	28.8	21.9	32.9	





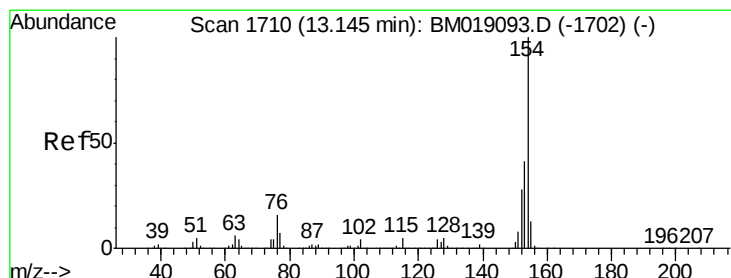
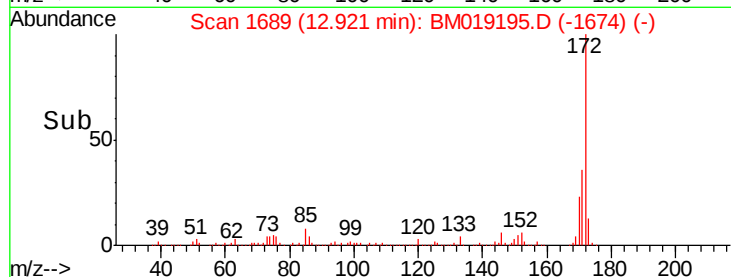
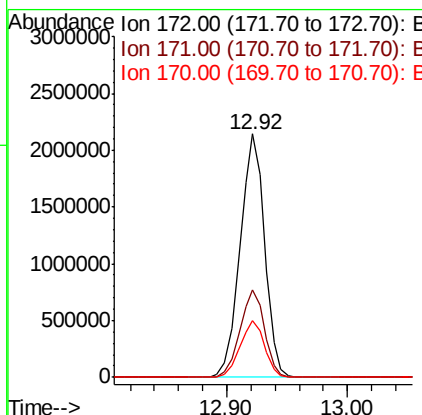
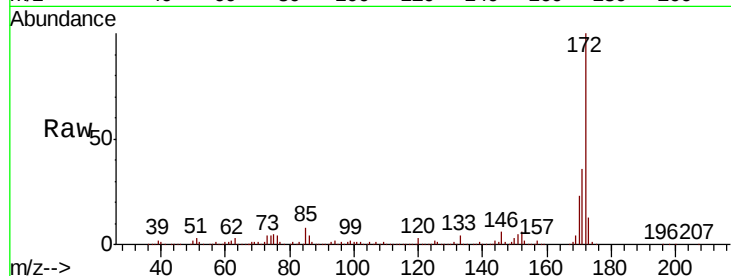
#45
2-Fluorobiphenyl
Concen: 67.825 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.3	18.6	28.0

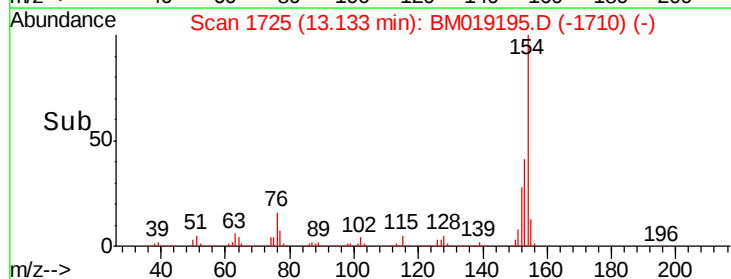
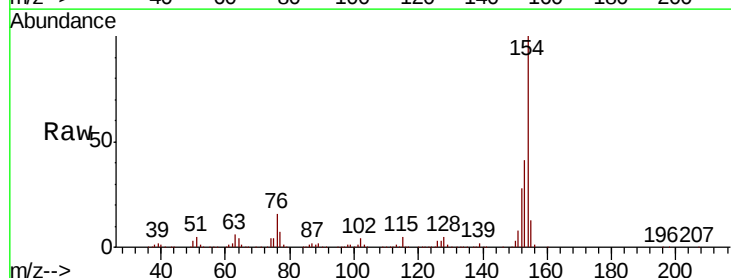
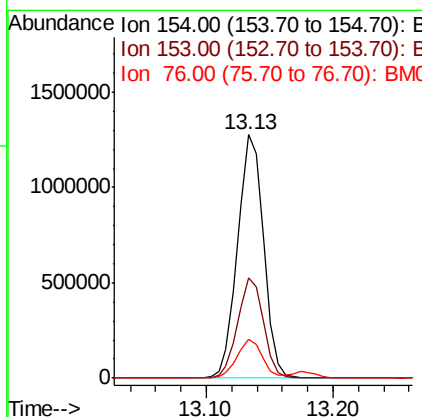
Manual Integrations
APPROVED

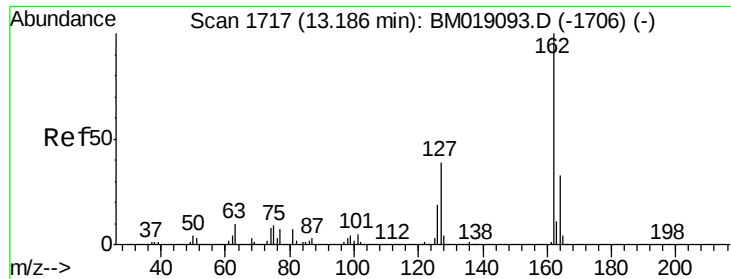
Sohil
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#46
1,1'-Biphenyl
Concen: 35.602 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	15.8	0.0	35.8





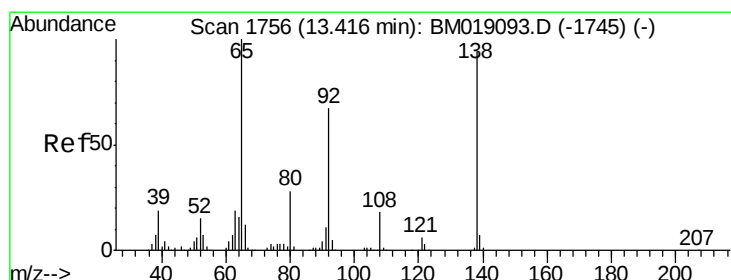
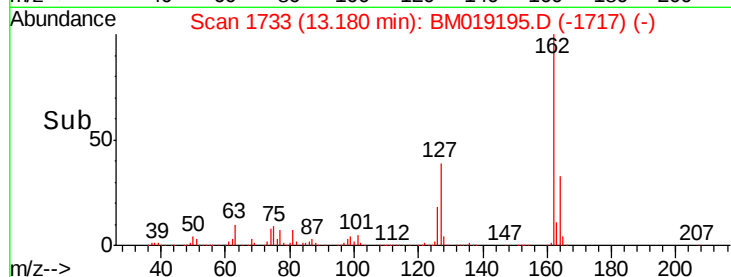
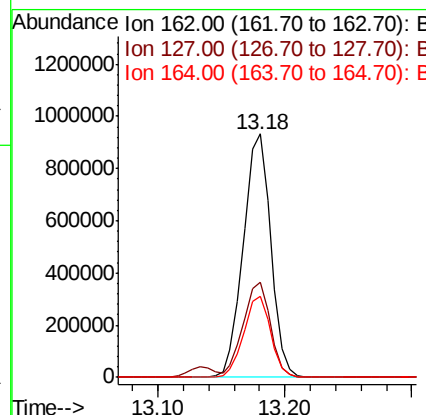
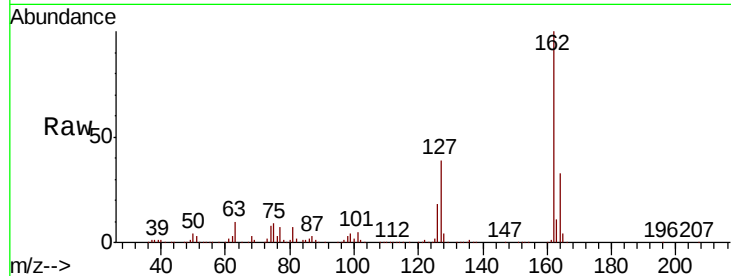
#47
2-Chloronaphthalene
Concen: 37.105 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.2	46.8
164	33.1	26.3	39.5

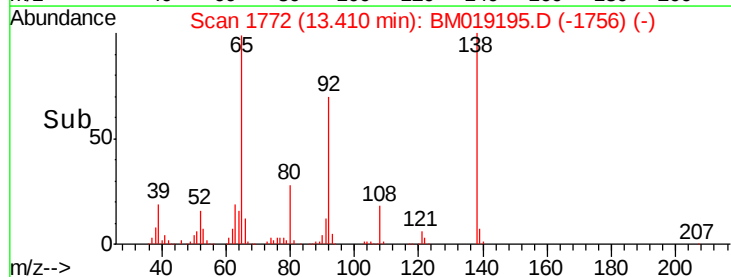
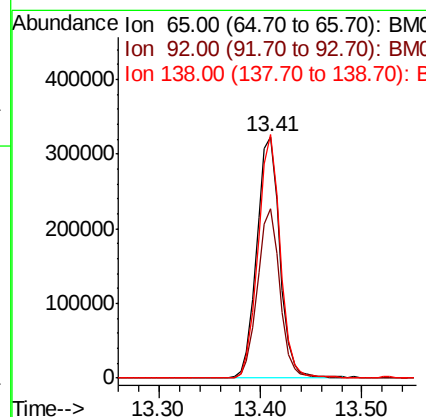
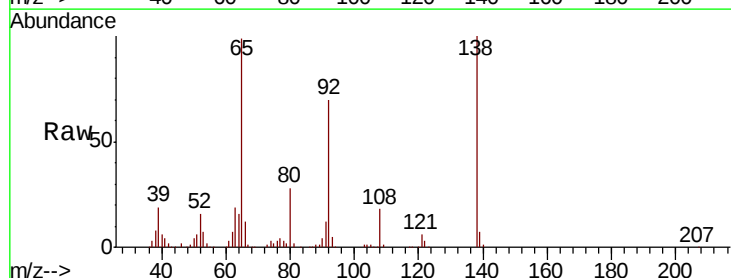
Manual Integrations
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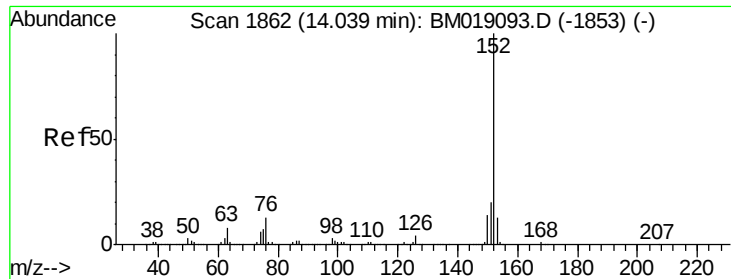
Sohil
3/18/2019 3:04:37 PM



#48
2-Nitroaniline
Concen: 40.241 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	53.4	80.2
138	100.9	74.9	112.3





#49

Acenaphthylene

Concen: 36.141 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

ClientSampleId :

TP-5MSD

Tot Ion:152 Resp: 2311427

Ion Ratio Lower Upper

152 100

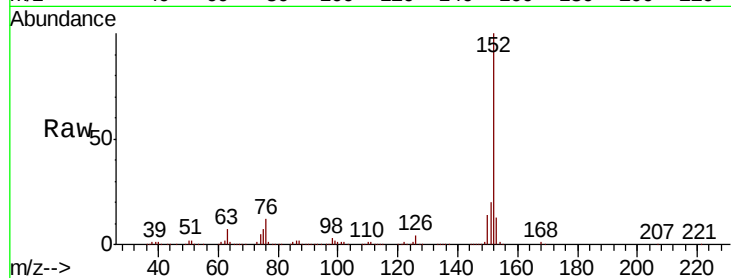
151 20.1 16.2 24.2

153 13.0 10.6 15.8

Manual Integrations
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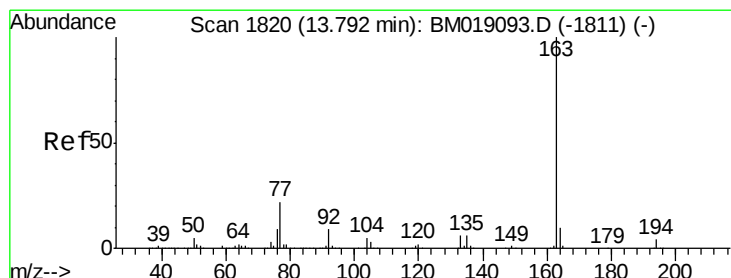
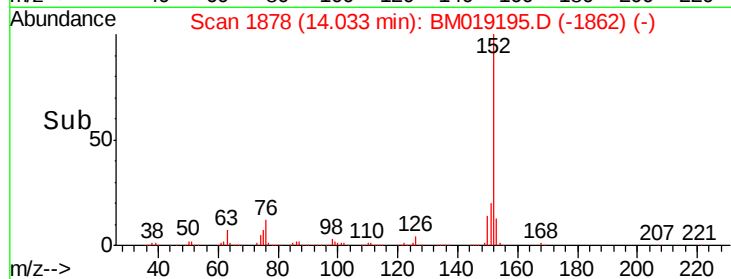
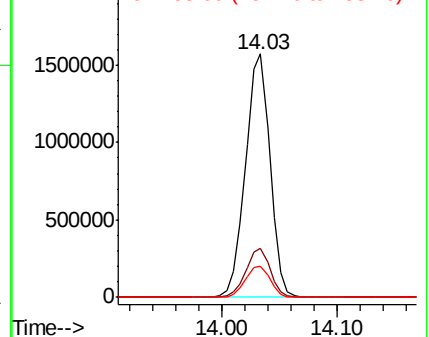


Abundance

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: 43.926 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

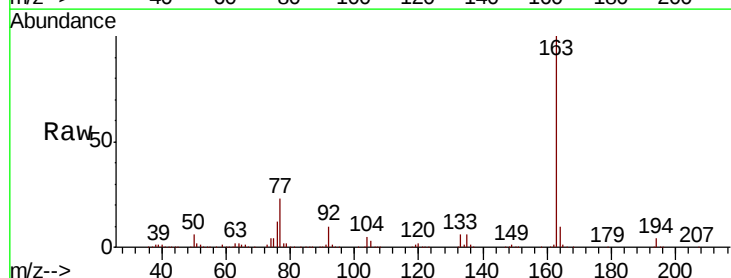
Tgt Ion:163 Resp: 2180369

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 7.7 11.5

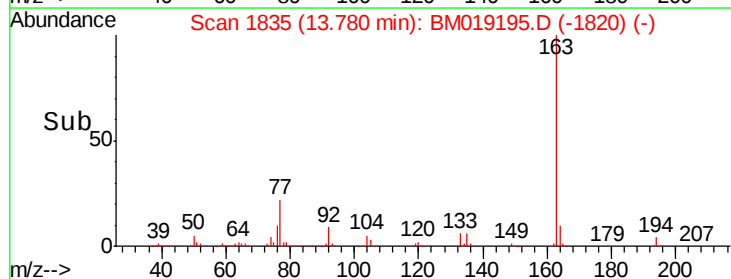
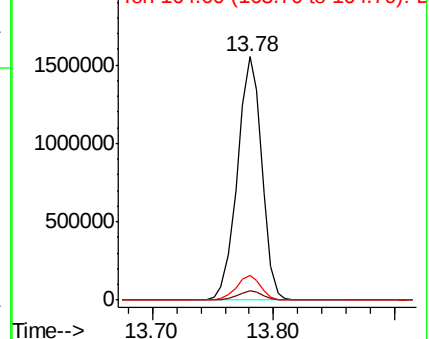


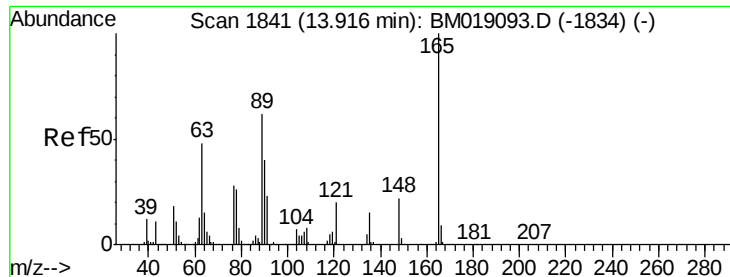
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





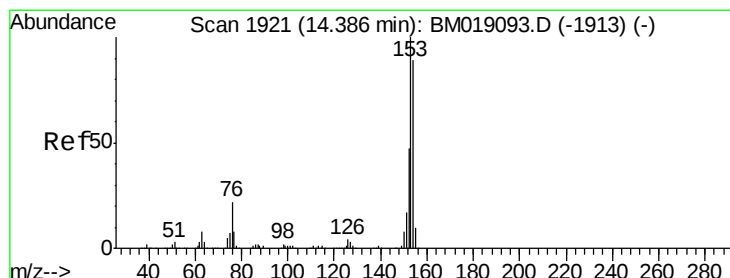
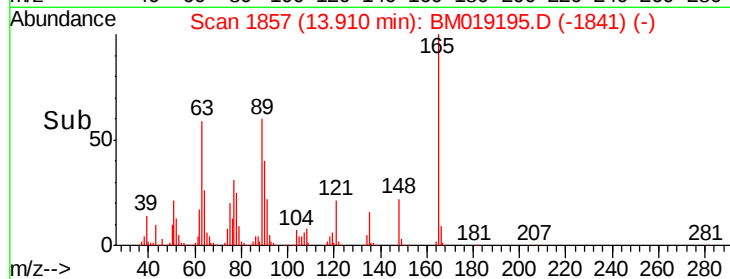
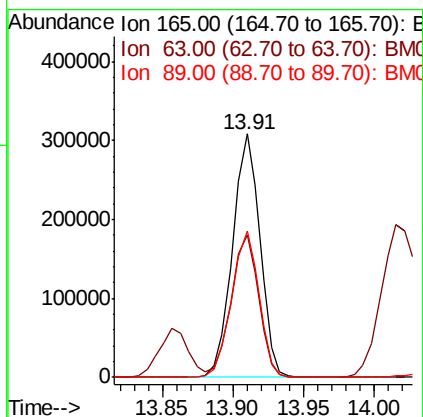
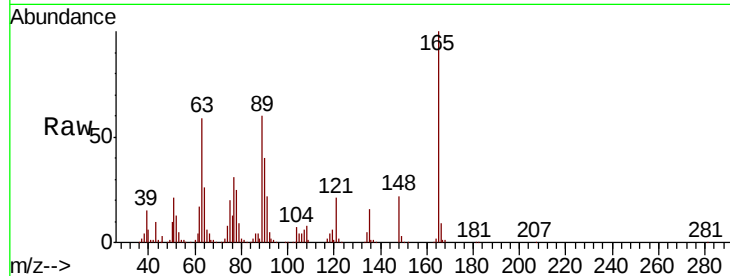
#51
2,6-Dinitrotoluene
Concen: 38.844 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	416803		
63	58.7		48.2	72.4
89	60.2		49.3	73.9

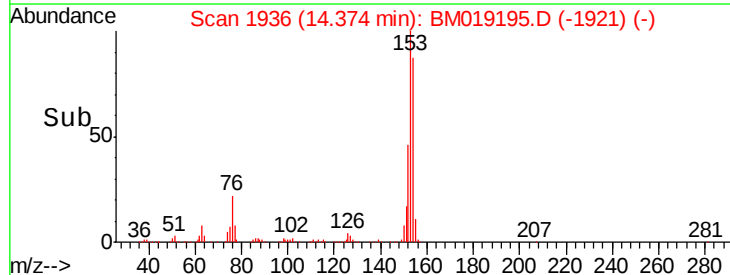
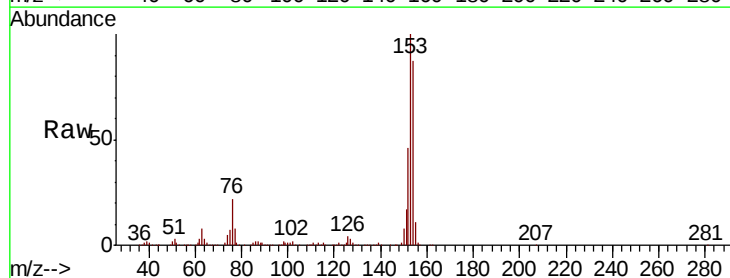
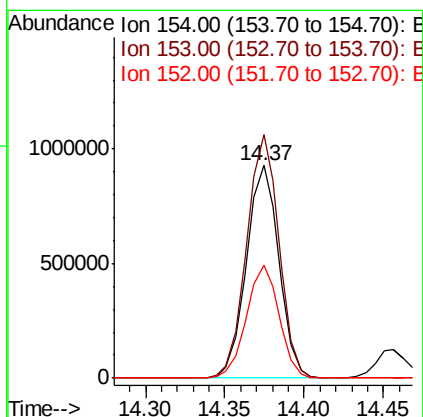
Manual Integrations
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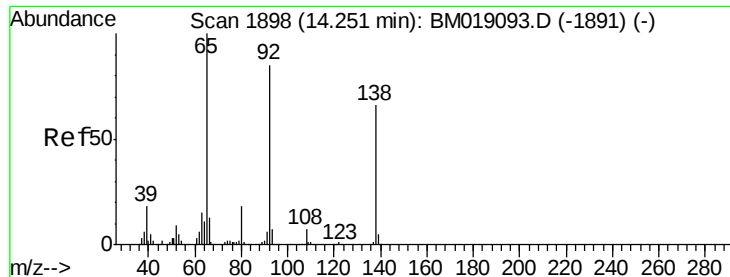
Sohil
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#52
Acenaphthene
Concen: 35.893 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1319072		
153	114.6		90.1	135.1
152	53.0		42.5	63.7





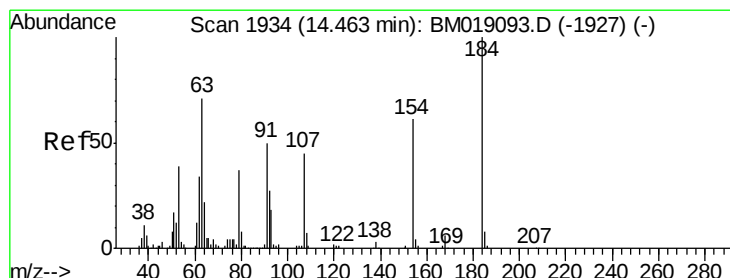
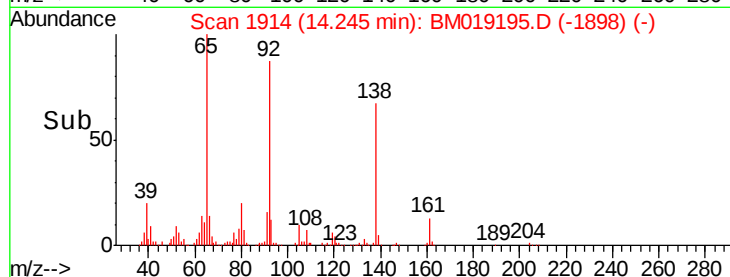
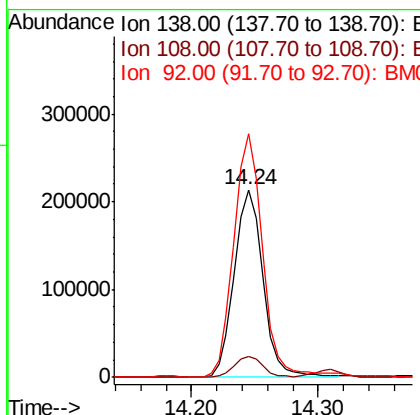
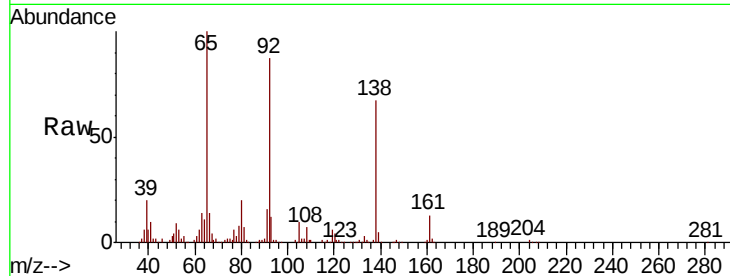
#53
3-Nitroaniline
Concen: 29.674 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	129.6	102.6	153.8

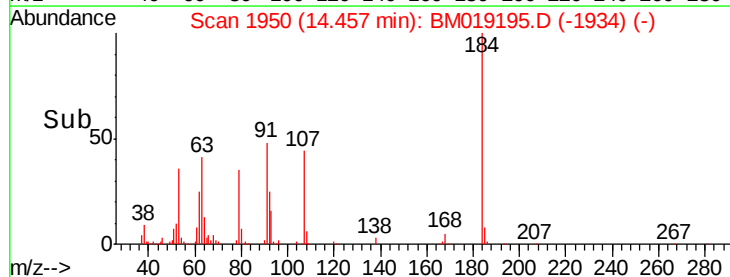
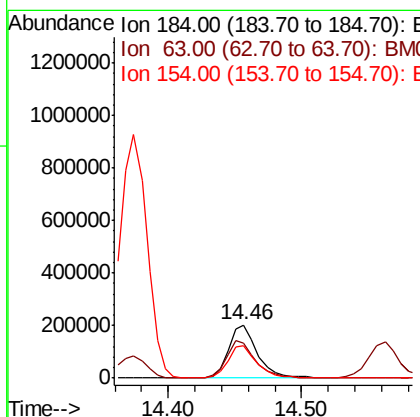
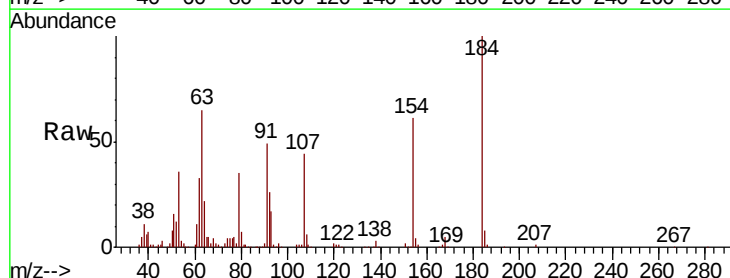
Manual Integrations
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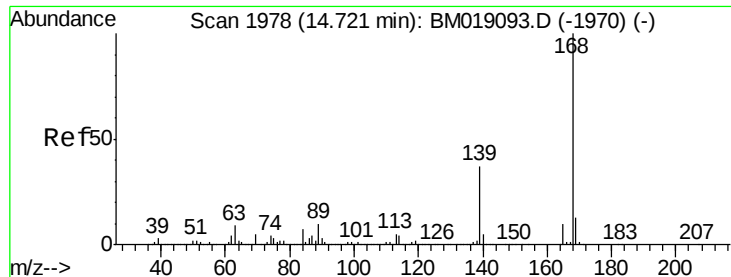
Sohil
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#54
2,4-Dinitrophenol
Concen: 49.330 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	56.7	85.1
154	60.7	49.3	73.9





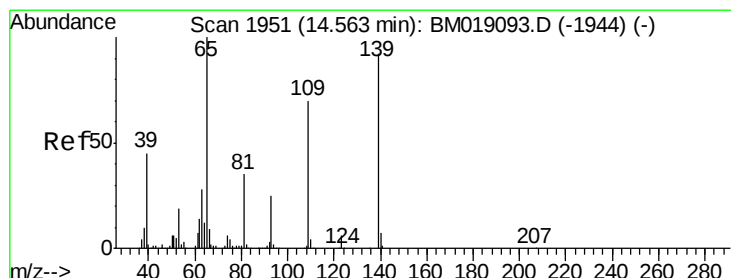
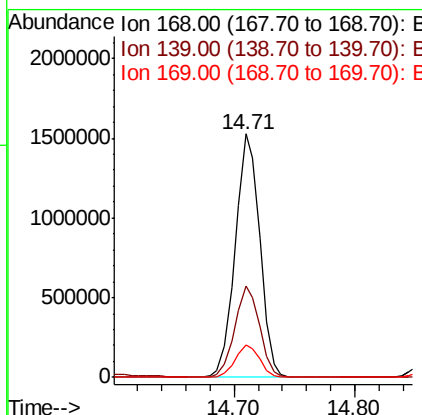
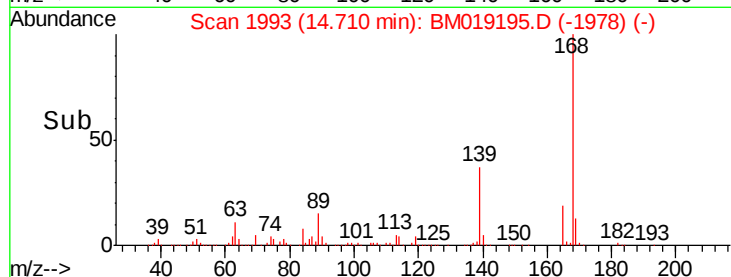
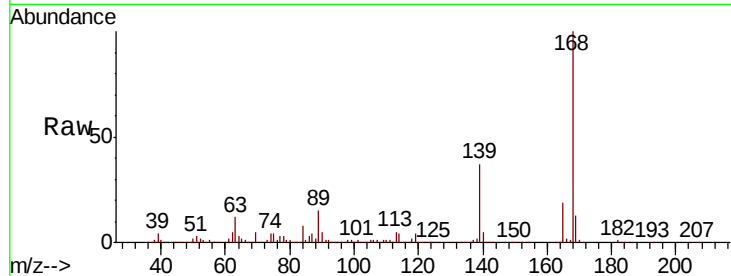
#55
Dibenzofuran
Concen: 36.556 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	13.4	10.6	16.0

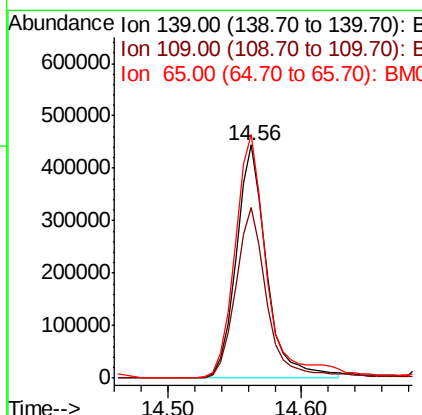
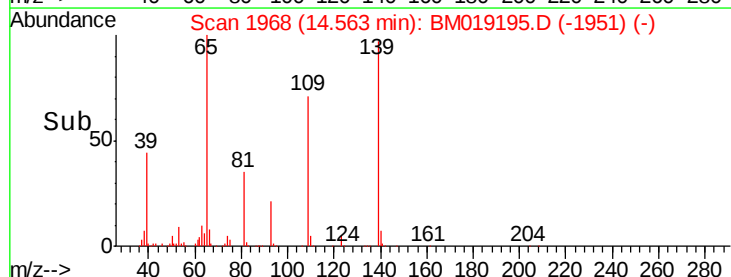
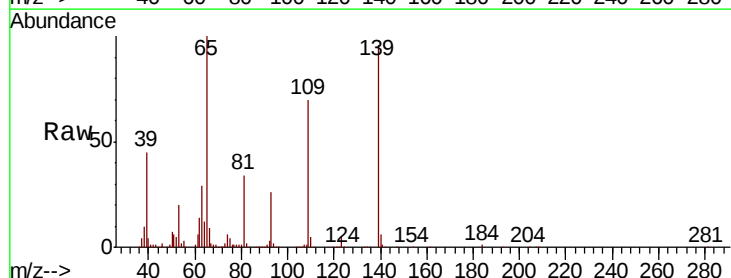
Manual Integrations
APPROVED

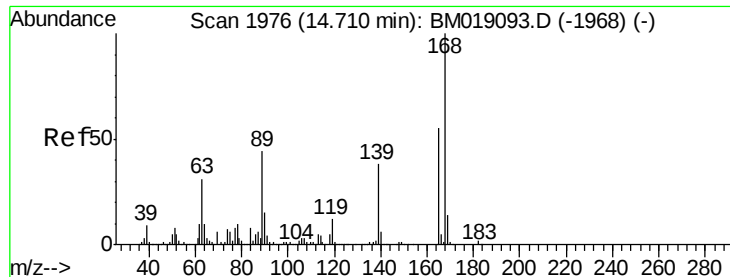
Sohil
3/18/2019 3:04:37 PM



#56
4-Nitrophenol
Concen: 75.378 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	56.3	96.3
65	104.4	89.2	129.2





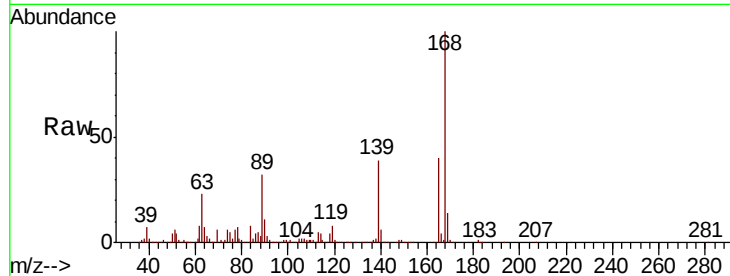
#57
2,4-Dinitrotoluene
Concen: 38.228 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	595440		
63	58.3	44.7	67.1	
89	80.9	63.4	95.2	
182	2.9	2.3	3.5	

Manual Integrations
APPROVED

Sohil
3/18/2019 3:04:37 PM



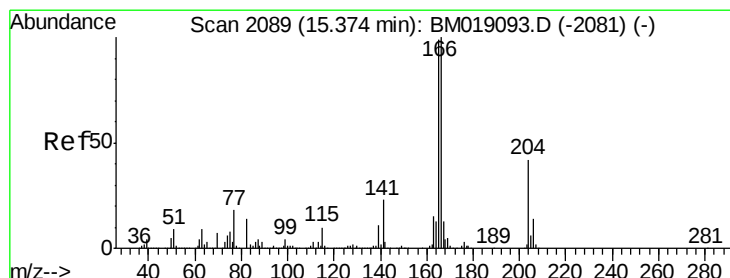
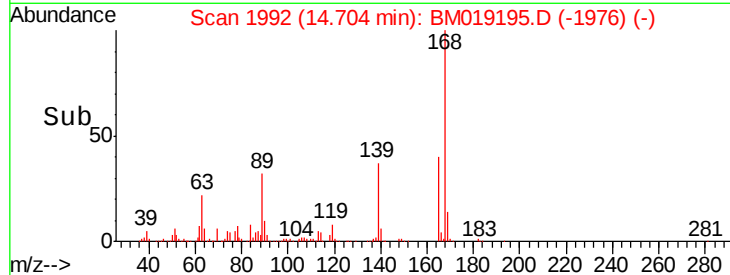
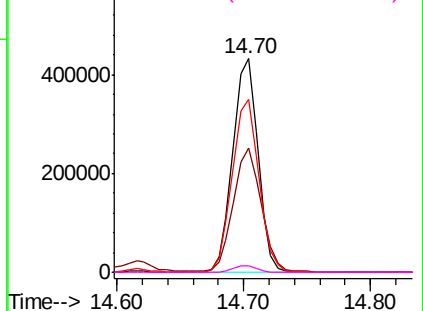
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

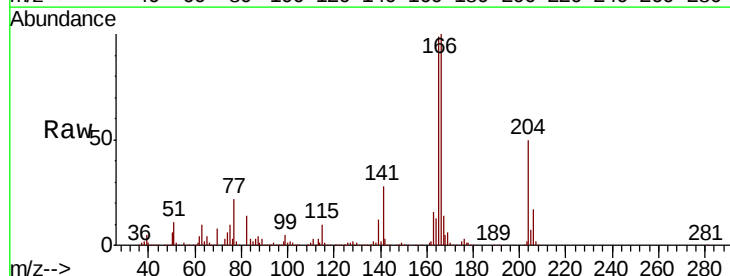
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.323 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1774420		
165	98.9	79.0	118.4	
167	13.9	10.8	16.2	

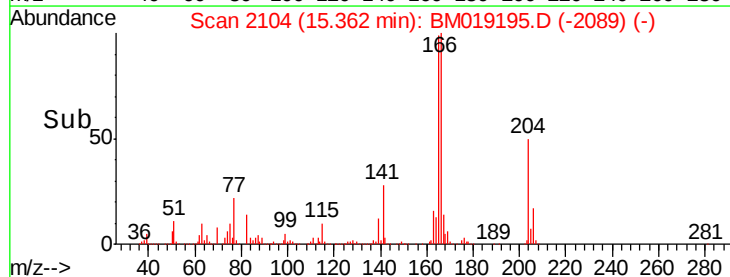
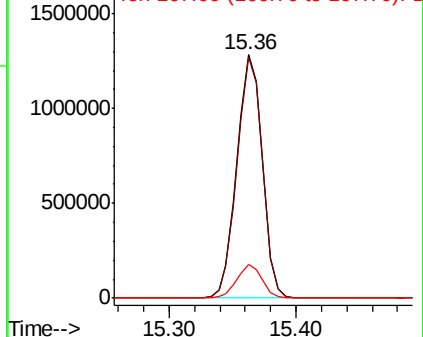


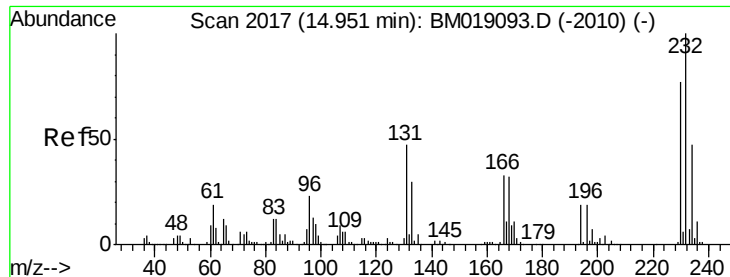
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





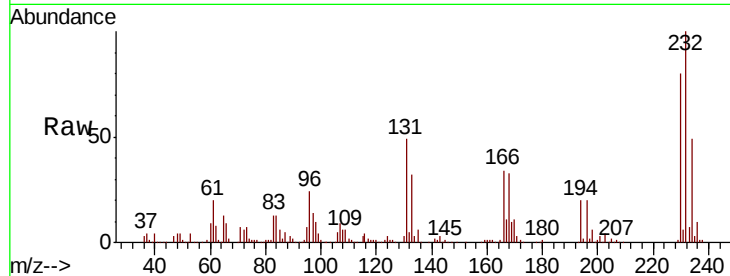
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.508 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

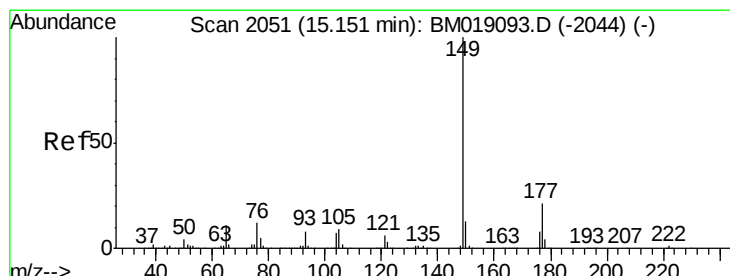
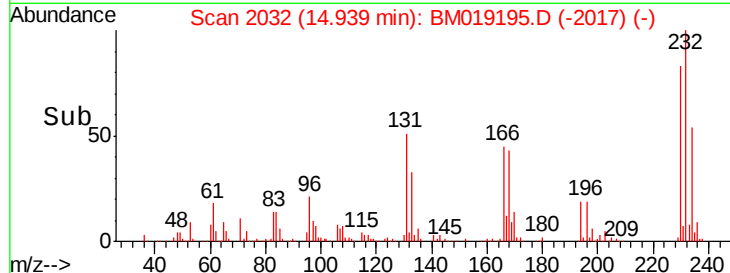
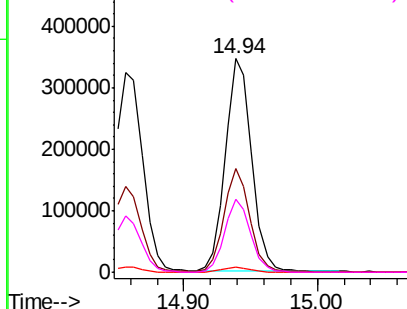
Tot Ion	Ratio	Resp	Lower	Upper
232	100	478333		
131	47.6	38.2	57.2	
130	2.5	1.9	2.9	
166	33.9	27.0	40.4	

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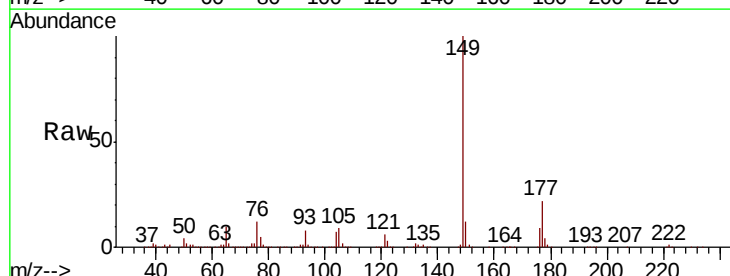


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

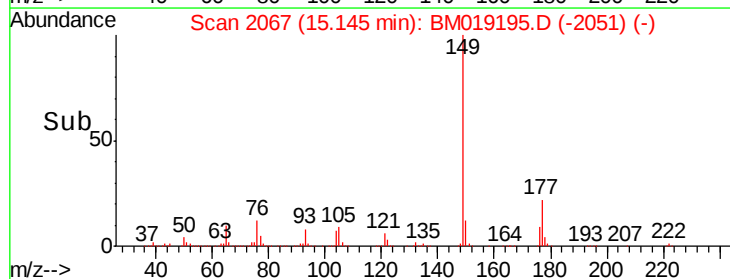
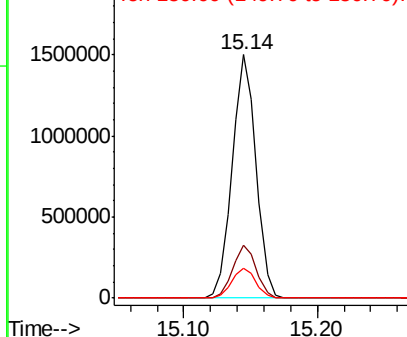


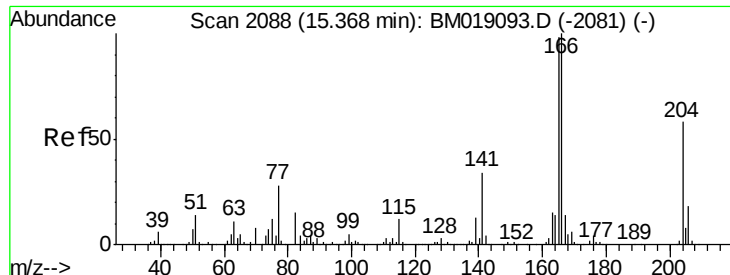
#60
Diethylphthalate
Concen: 37.134 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1866827		
177	21.8	17.0	25.6	
150	12.4	10.2	15.4	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





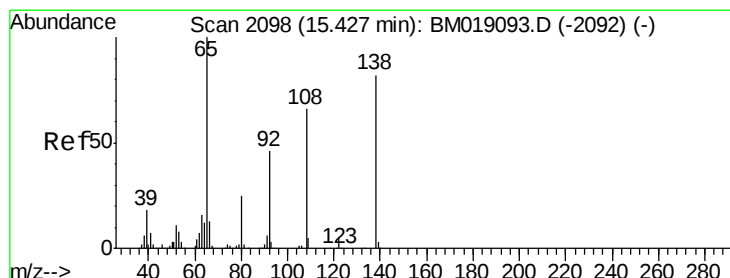
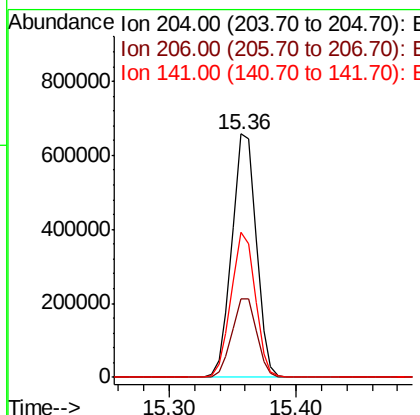
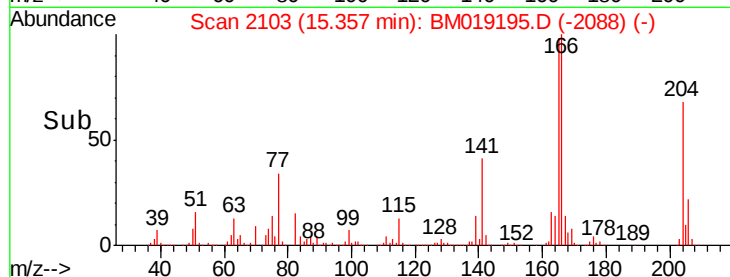
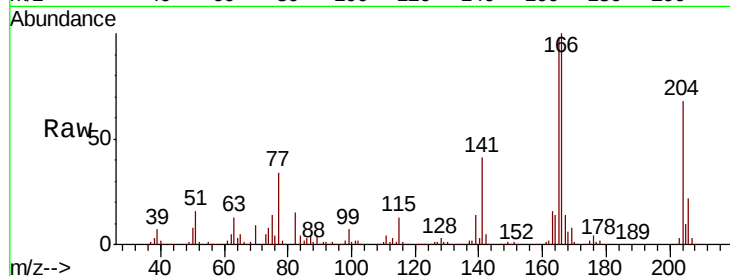
#61
 4-Chlorophenyl-phenylether
 Concen: 36.803 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Instrument :
 BNA_M
 ClientSampled :
 TP-5MSD

Tot Ion:	204	Resp:	873194
Ion Ratio	Lower	Upper	
204	100		
206	32.1	25.5	38.3
141	59.5	47.8	71.8

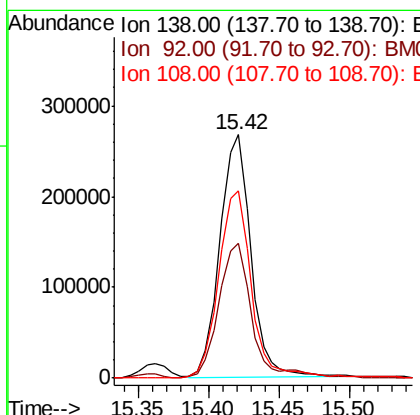
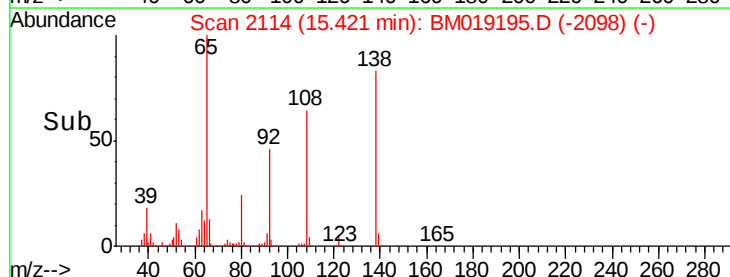
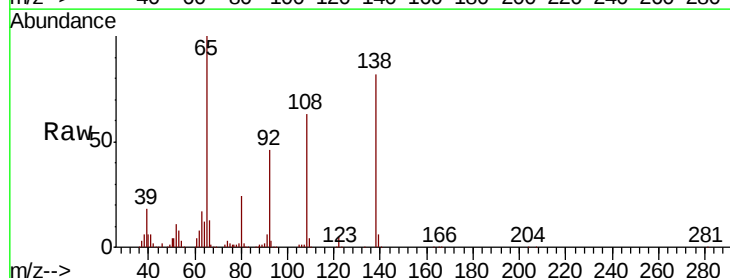
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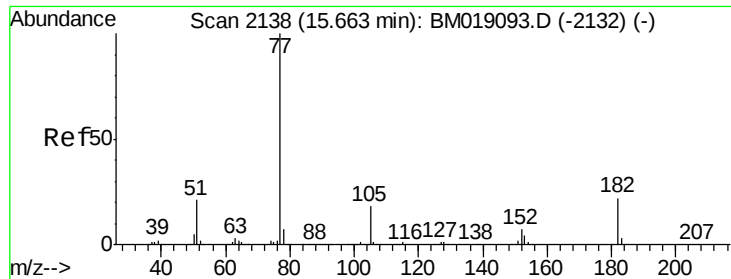
Sohil
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#62
 4-Nitroaniline
 Concen: 35.608 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Tgt Ion:	138	Resp:	407821
Ion Ratio	Lower	Upper	
138	100		
92	55.4	36.2	76.2
108	77.0	59.7	99.7





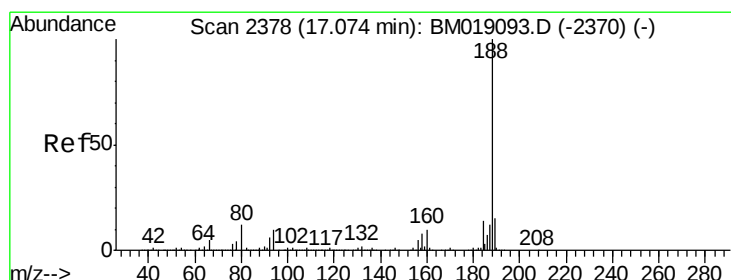
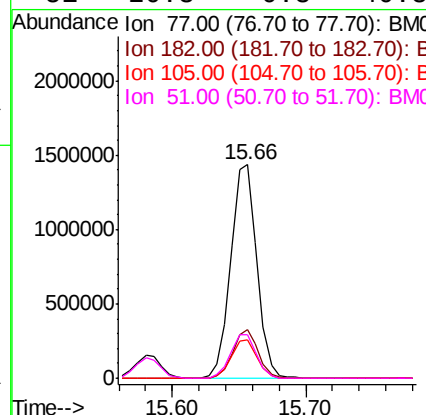
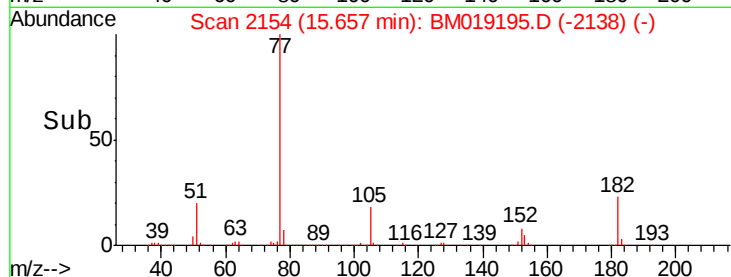
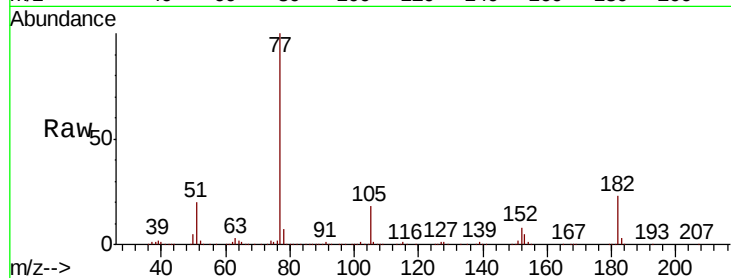
#63
Azobenzene
Concen: 37.305 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion: 77		Resp: 1973470	
Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.8	41.8
105	18.3	0.0	38.3
51	20.3	0.8	40.8

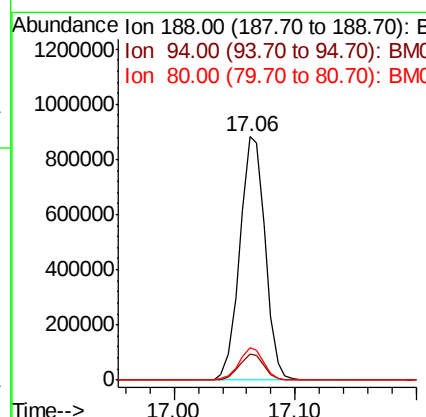
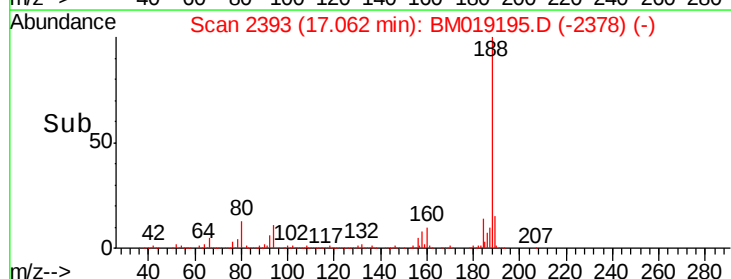
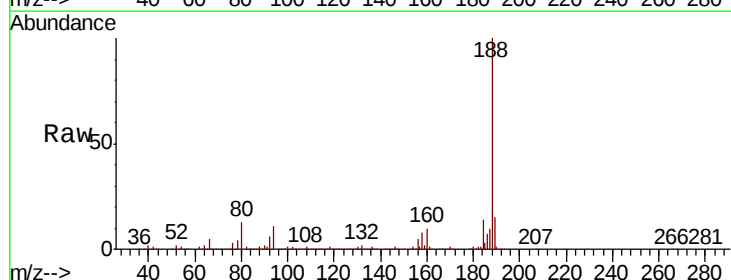
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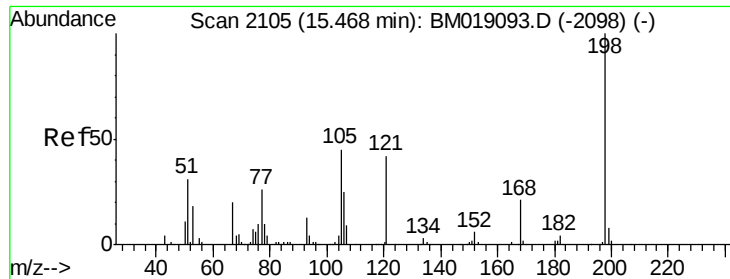
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt	Ion:188	Resp: 1293635	
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	13.2	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 29.841 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

ClientSampled :

TP-5MSD

Tot Ion:198 Resp: 252970

Ion Ratio Lower Upper

198 100

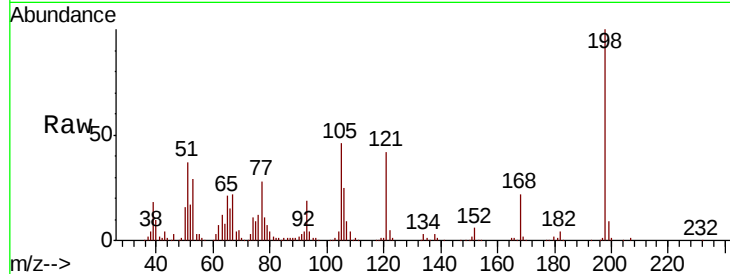
51 37.3 17.3 57.3

105 46.0 26.2 66.2

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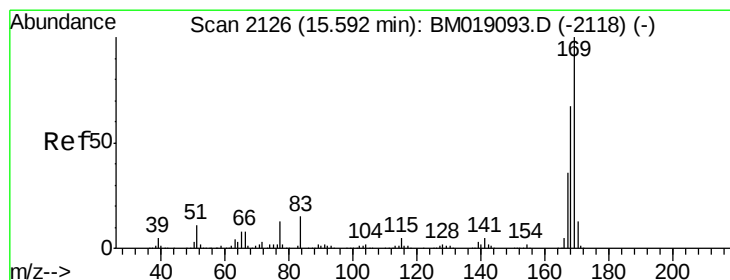
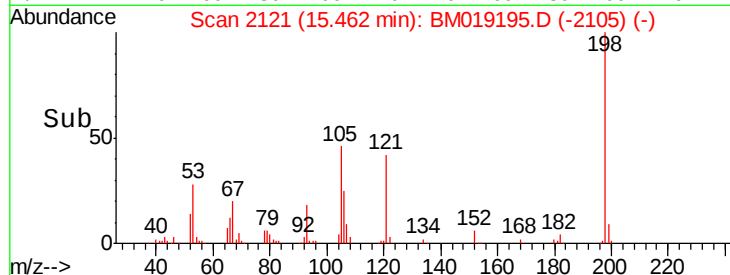
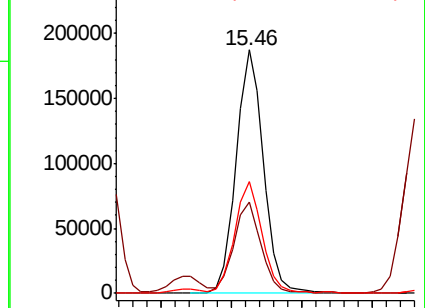
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.988 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

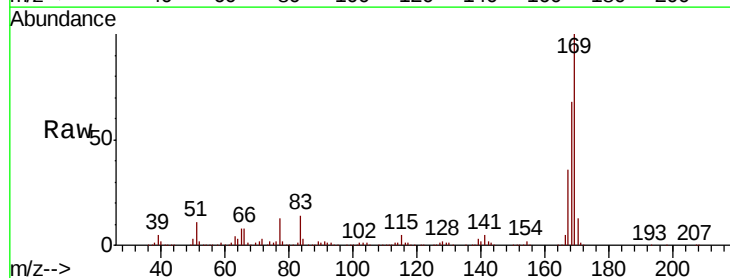
Tgt Ion:169 Resp: 1564517

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

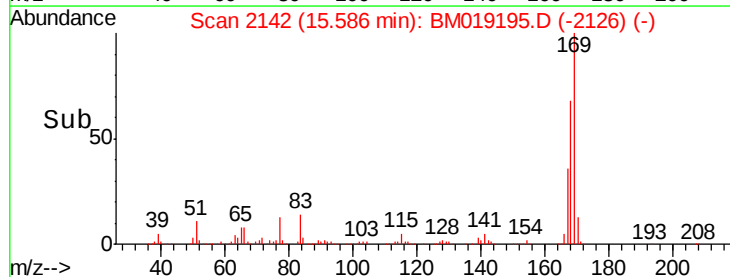
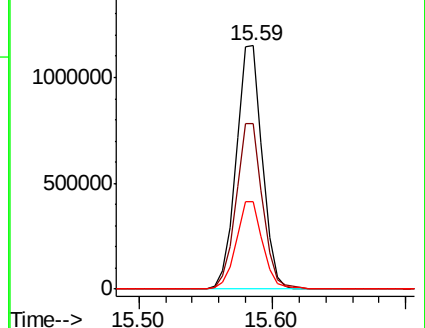
167 36.1 28.8 43.2

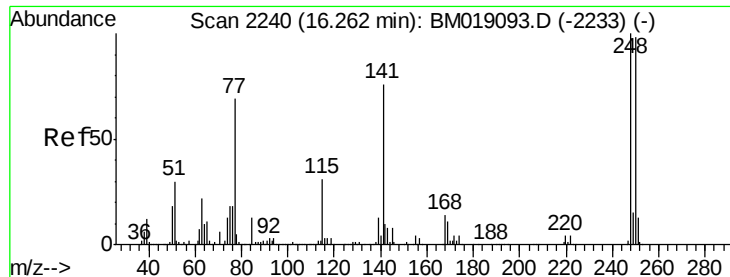


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





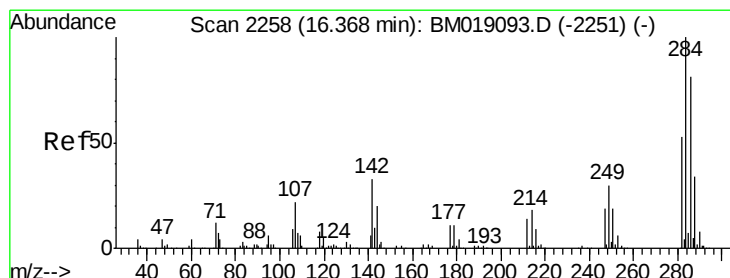
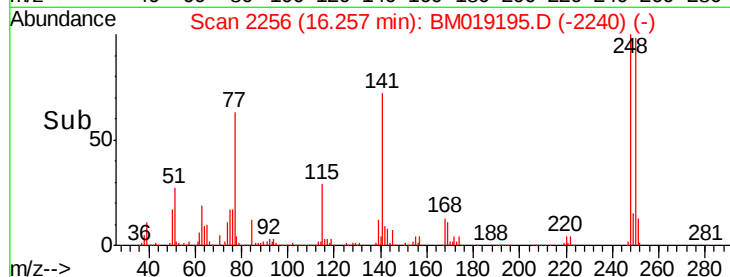
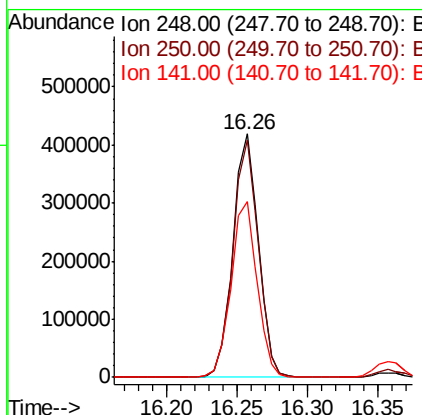
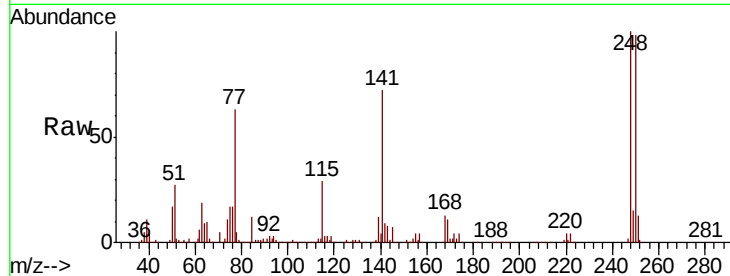
#67
 4-Bromophenyl-phenylether
 Concen: 36.918 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Instrument :
 BNA_M
 ClientSampled :
 TP-5MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.0	117.0
141	72.4	61.0	91.4

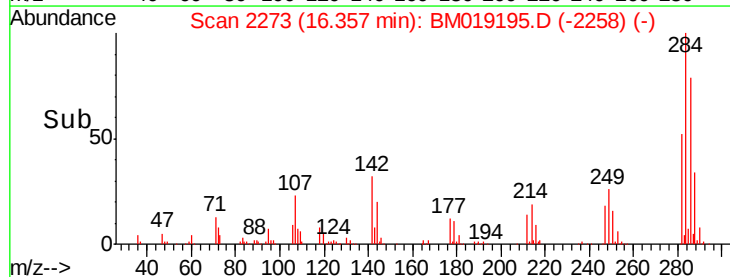
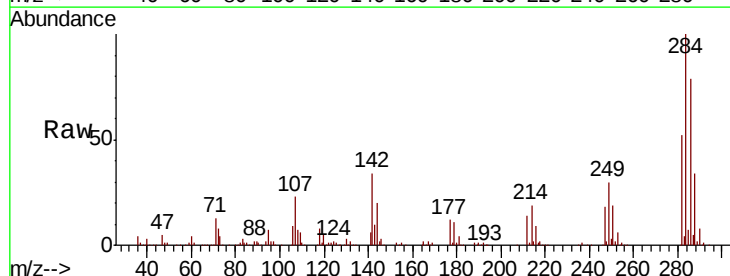
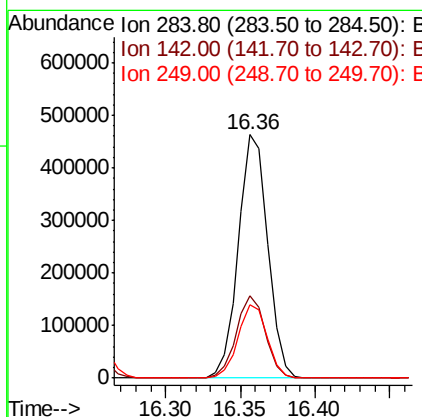
Manual Integrations
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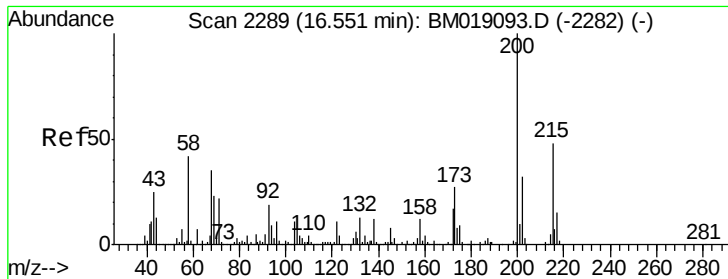
Sohil
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#68
 Hexachlorobenzene
 Concen: 37.375 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.3	39.5
249	30.3	24.1	36.1





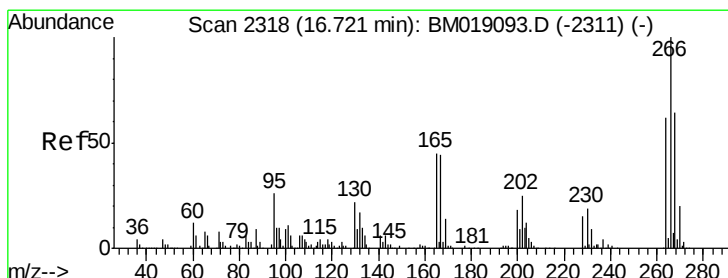
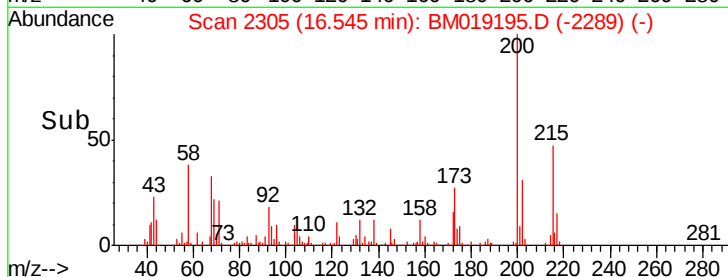
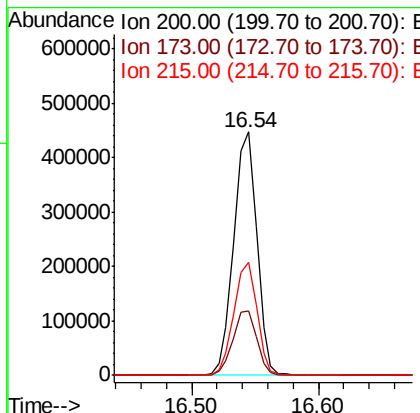
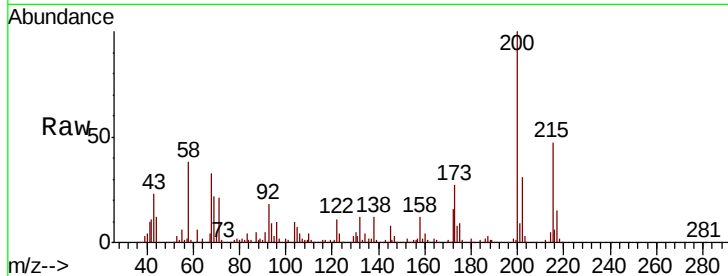
#69
Atrazine
Concen: 40.718 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	7.0	47.0
215	46.7	27.7	67.7

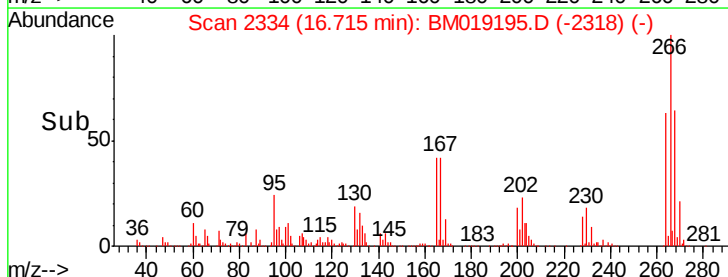
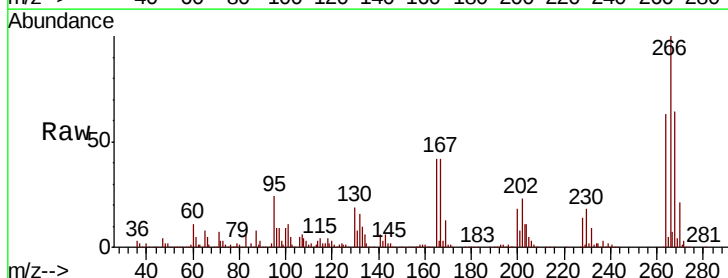
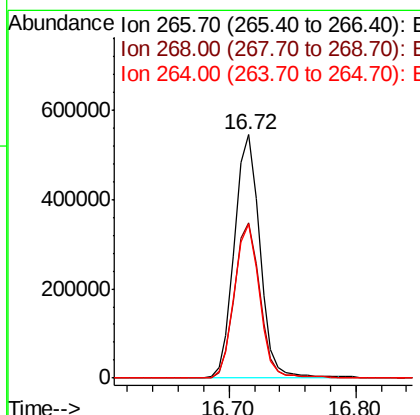
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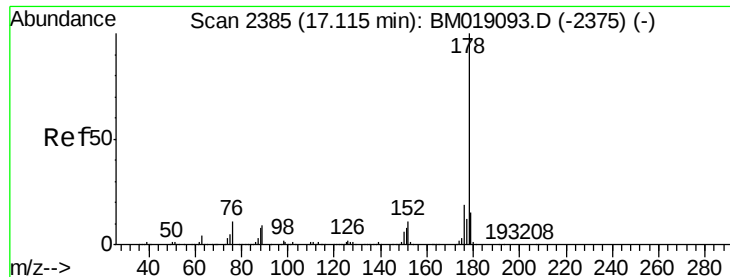
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#70
Pentachlorophenol
Concen: 74.214 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	51.3	76.9
264	63.2	50.0	75.0





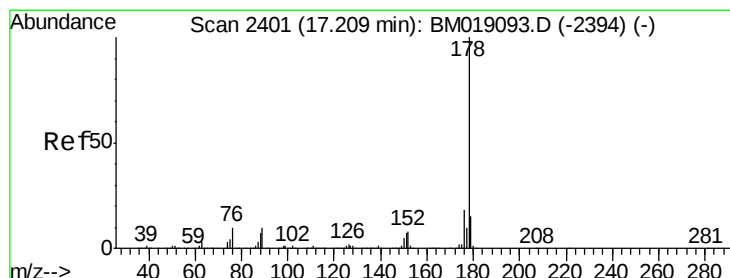
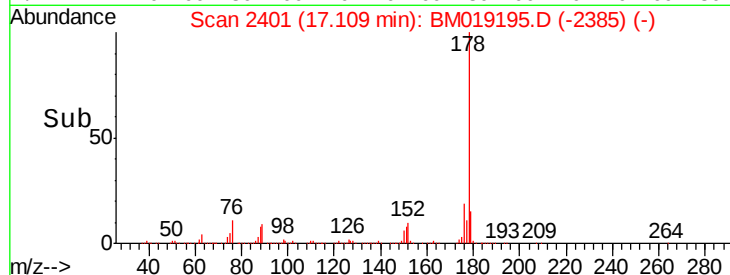
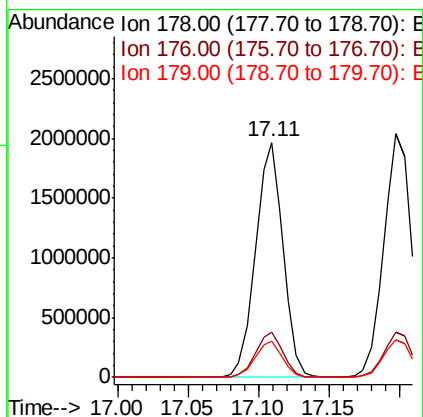
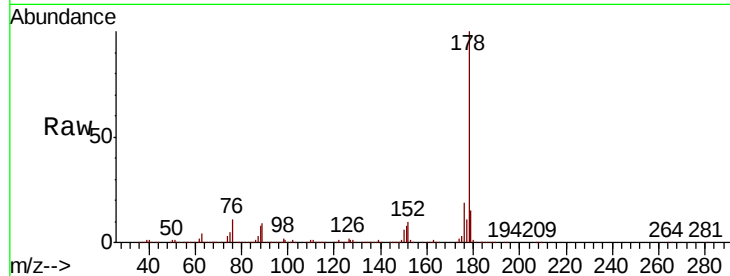
#71
Phenanthrene
Concen: 35.464 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.2	18.2

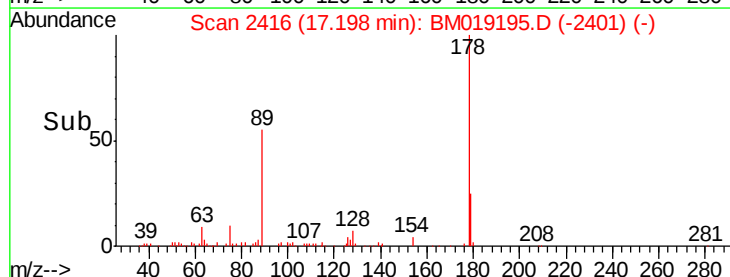
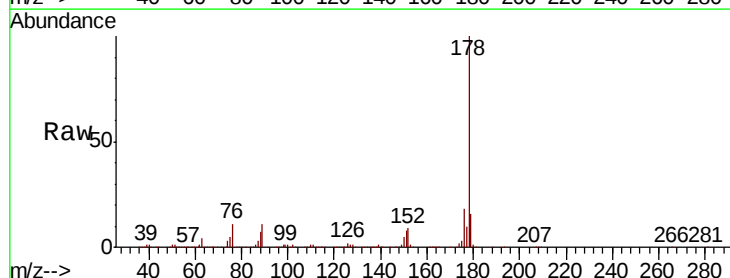
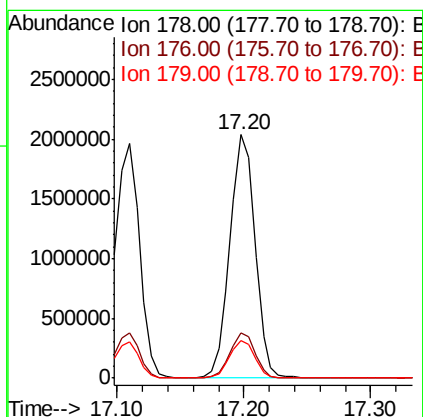
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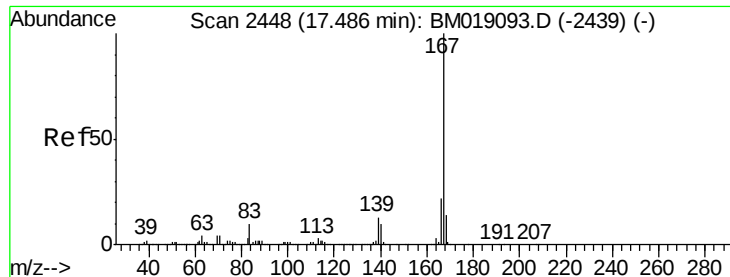
Sohil
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#72
Anthracene
Concen: 37.516 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.6	11.9	17.9





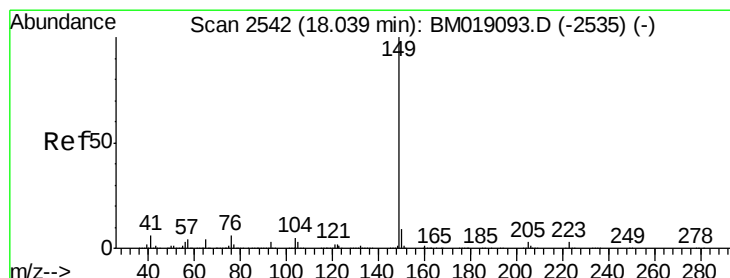
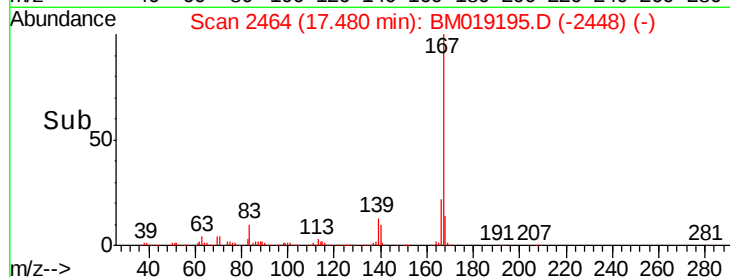
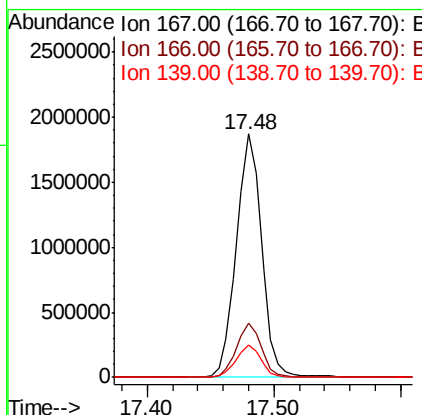
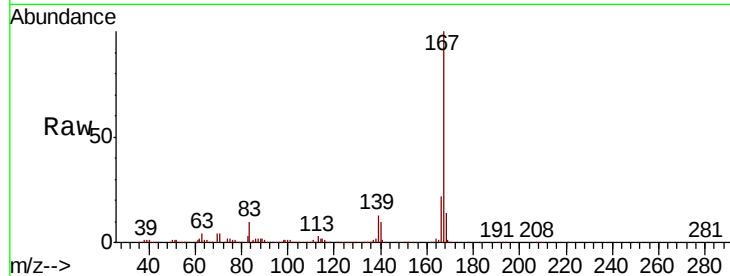
#73
 Carbazole
 Concen: 36.946 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Instrument :
 BNA_M
 ClientSampleId :
 TP-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	17.8	26.8	
139	13.2	10.5	15.7	

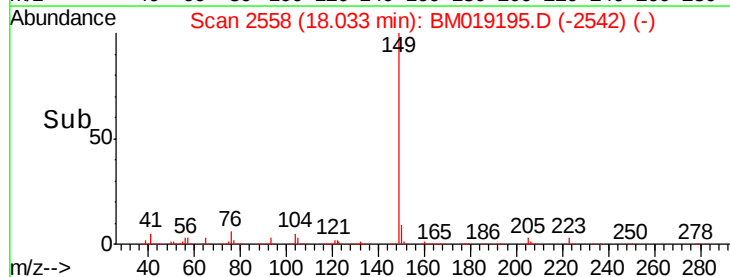
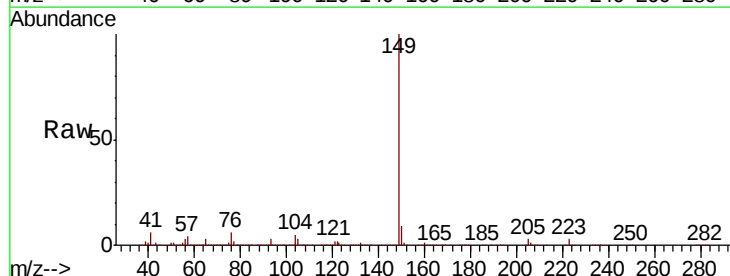
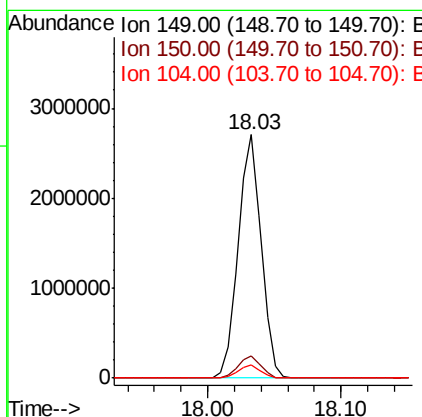
Manual Integrations
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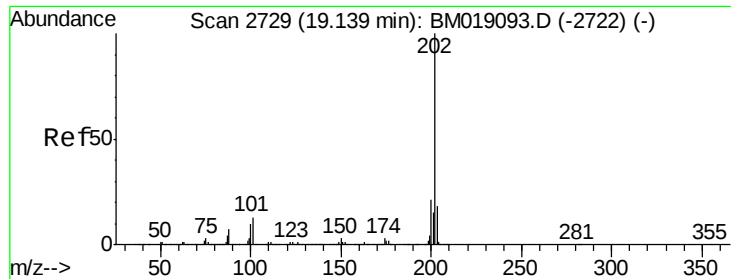
Sohil
 3/18/2019 3:04:37 PM



#74
 Di-n-butylphthalate
 Concen: 38.227 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.1	7.4	11.0	
104	5.2	4.2	6.4	





#75

Fluoranthene

Concen: 34.226 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

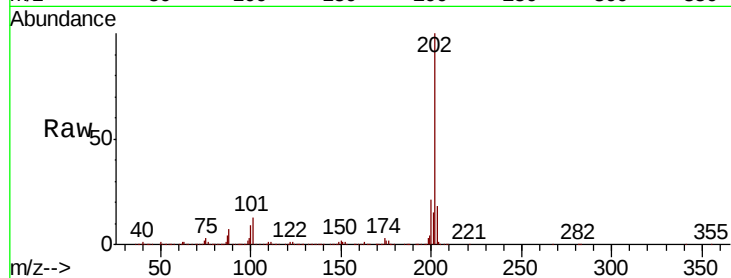
ClientSampled :

TP-5MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.0
203	17.6	0.0	37.8

Manual Integrations
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3/18/2019 3:04:37 PM

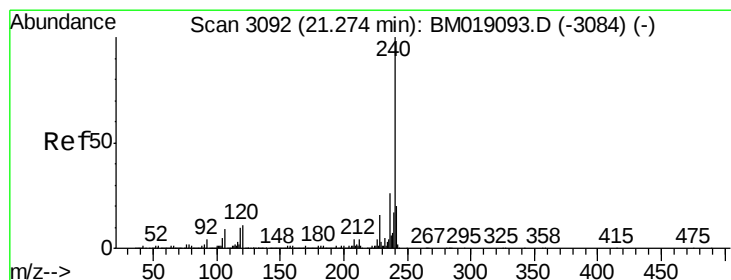
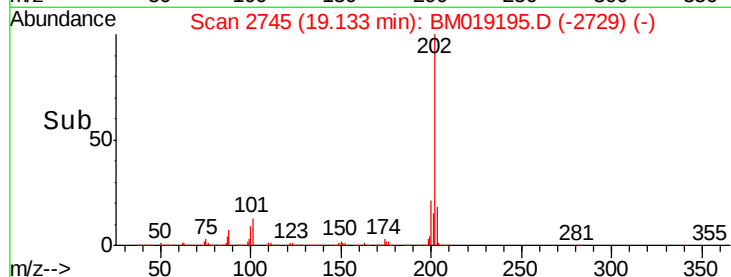
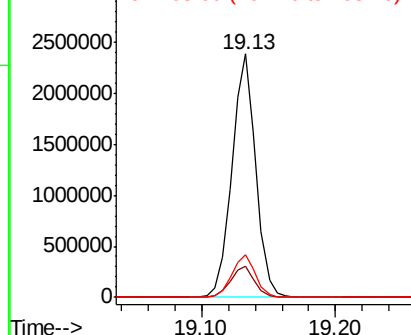


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

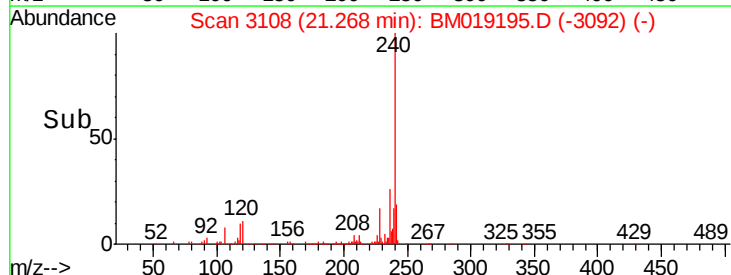
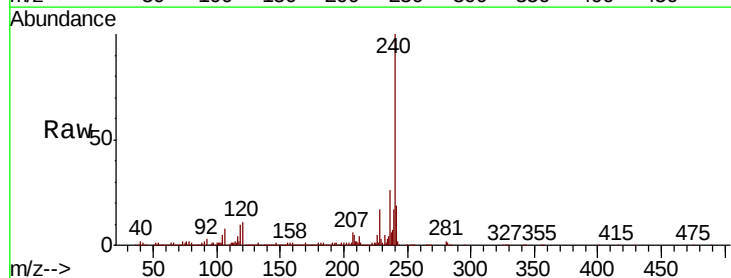
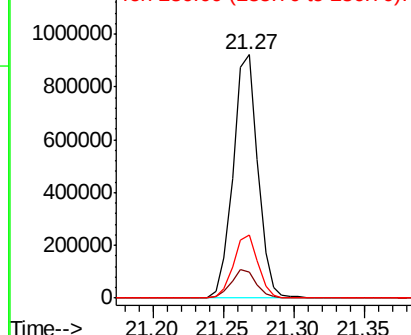
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.9	21.0	31.4

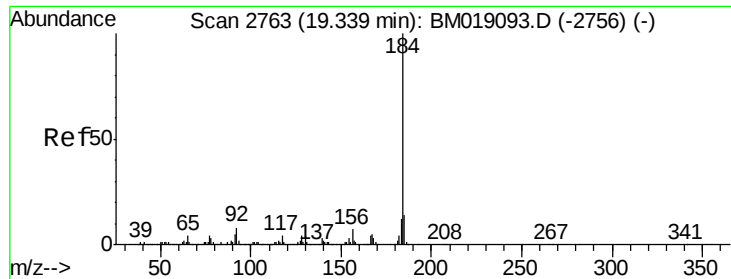
Abundance

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: 18.296 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

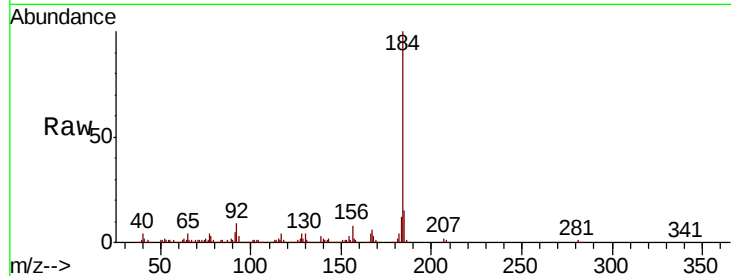
ClientSampled :

TP-5MSD

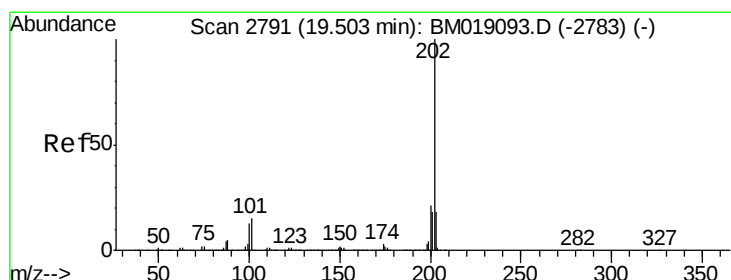
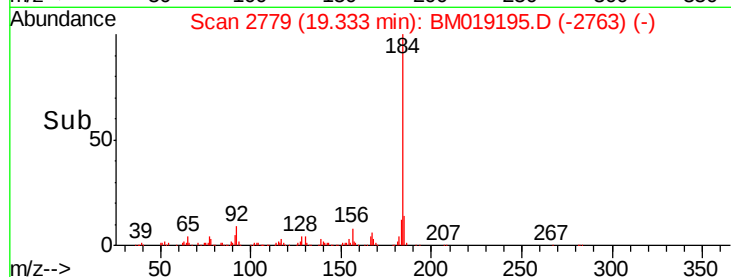
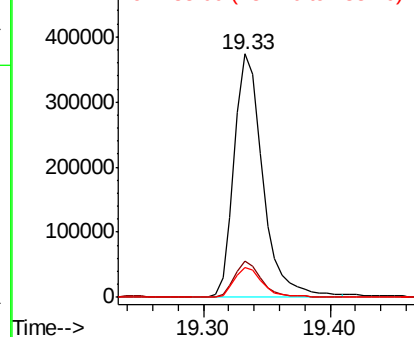
Tot Ion:	184	Resp:	587925
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.0	16.4
183	12.2	9.8	14.6

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



#78

Pyrene

Concen: 41.669 ng

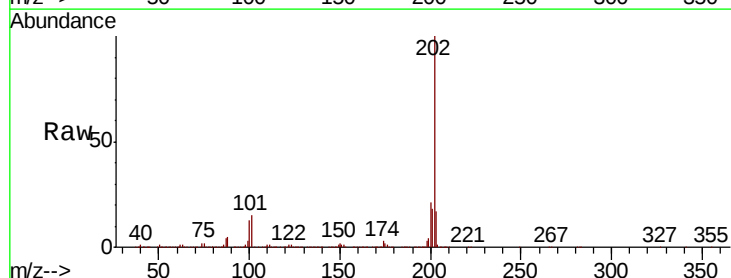
RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

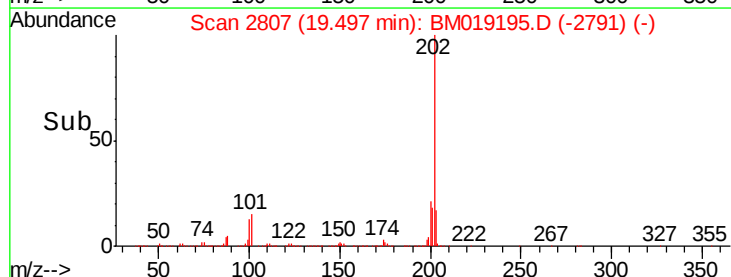
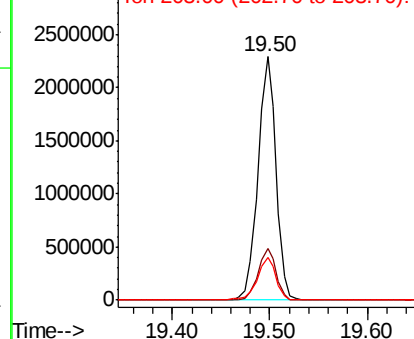
Lab File: BM019195.D

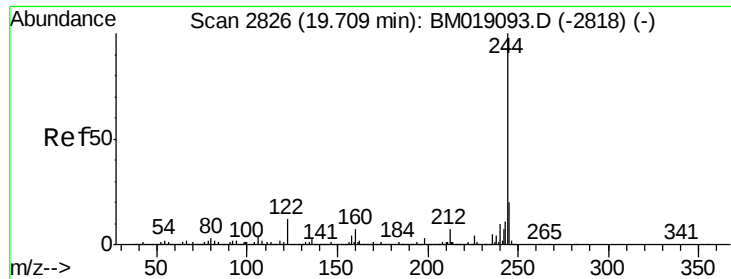
Acq: 15 Mar 2019 20:31

Tgt Ion:	202	Resp:	2987229
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.4	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





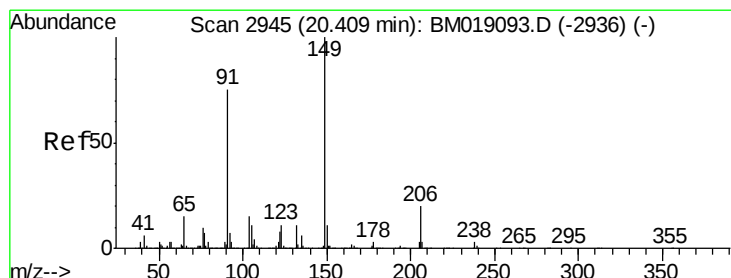
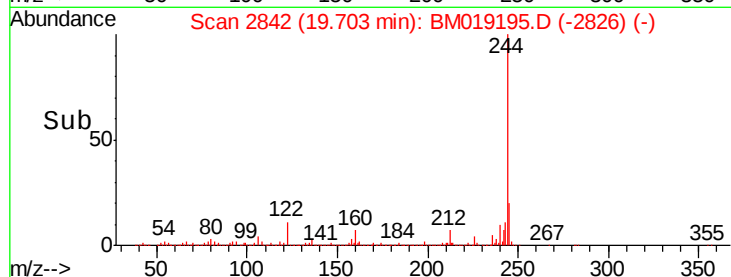
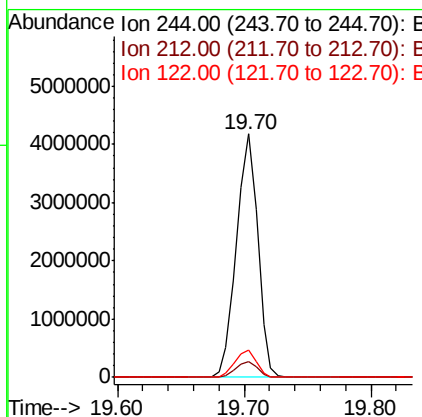
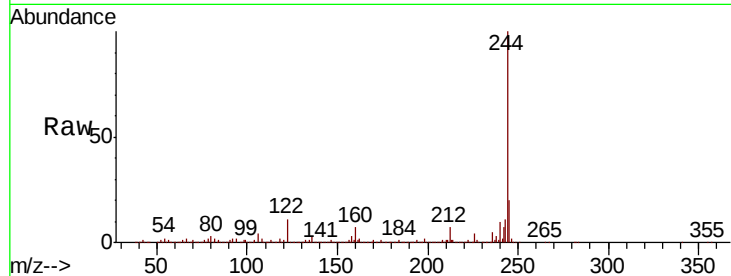
#79
 Terphenyl-d14
 Concen: 85.137 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Instrument :
 BNA_M
 ClientSampled :
 TP-5MSD

Tot Ion:244 Resp: 4859177
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.2 9.4 14.2

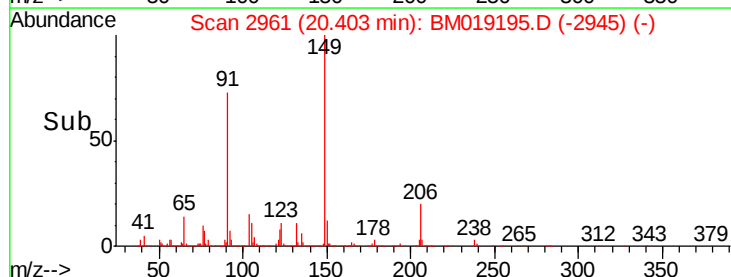
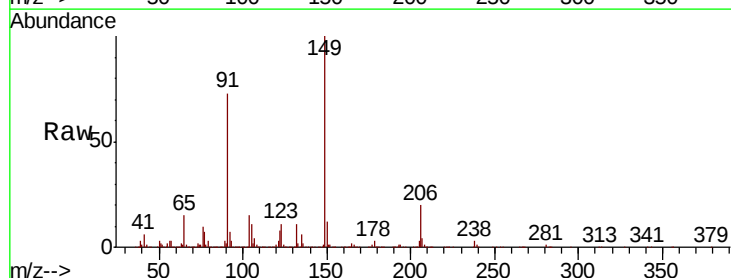
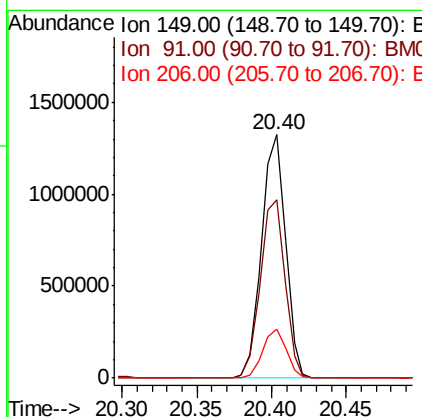
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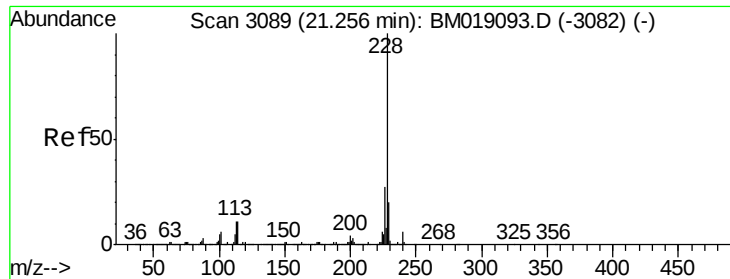
Sohil
 3/18/2019 3:04:37 PM



#80
 Butylbenzylphthalate
 Concen: 46.933 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019195.D
 Acq: 15 Mar 2019 20:31

Tgt Ion:149 Resp: 1465477
 Ion Ratio Lower Upper
 149 100
 91 73.3 60.1 90.1
 206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 35.282 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

ClientSampled :

TP-5MSD

Tot Ion:228 Resp: 2508003

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

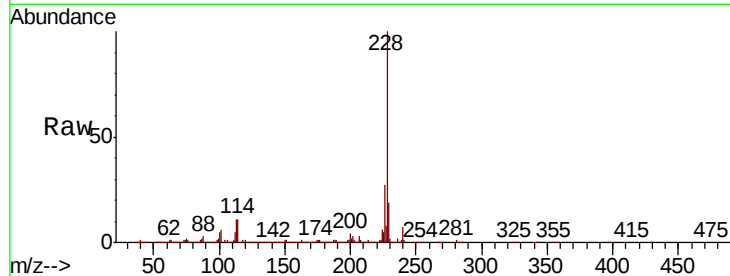
229 19.5 15.8 23.6

Manual Integrations

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Sohil

3/18/2019 3:04:37 PM

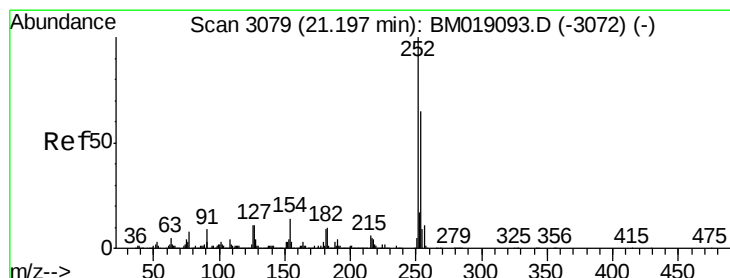
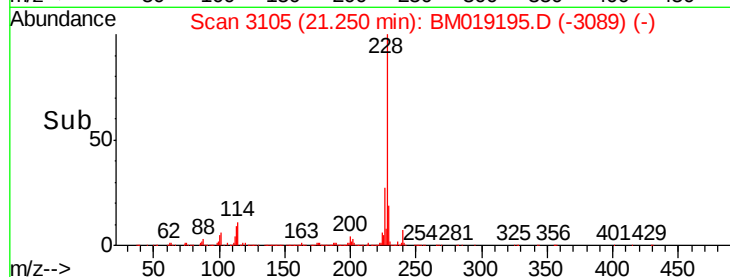
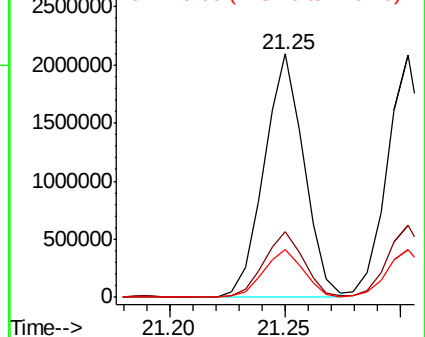


Abundance

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: 32.705 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

Tgt Ion:252 Resp: 895593

Ion Ratio Lower Upper

252 100

254 65.8 52.4 78.6

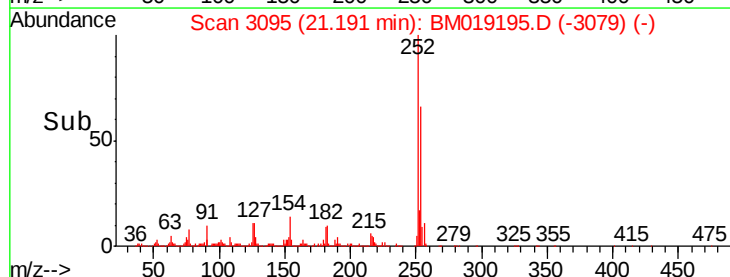
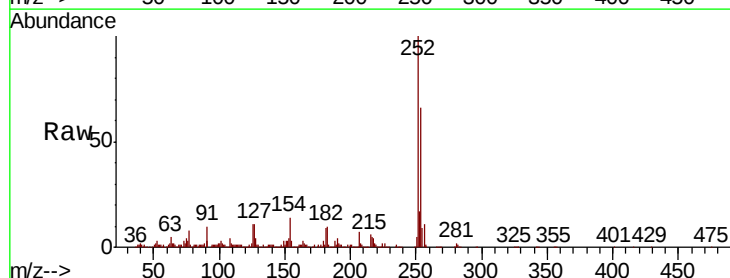
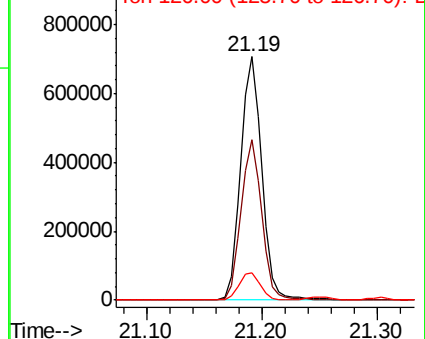
126 11.2 9.0 13.6

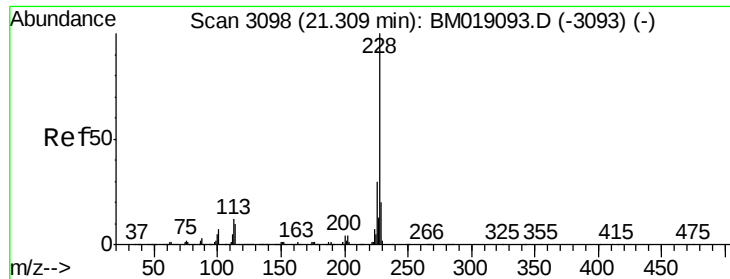
Abundance

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





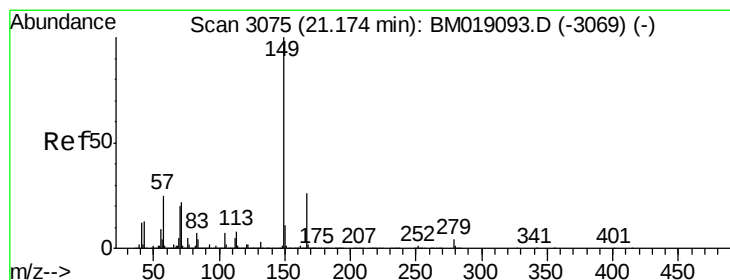
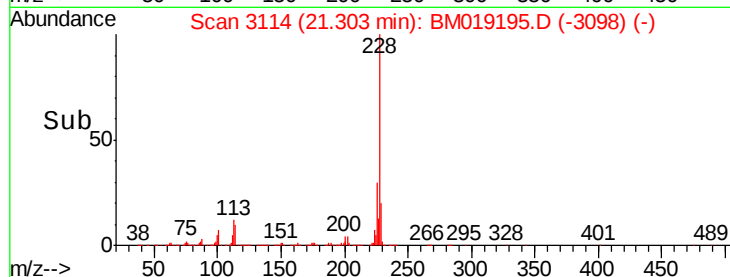
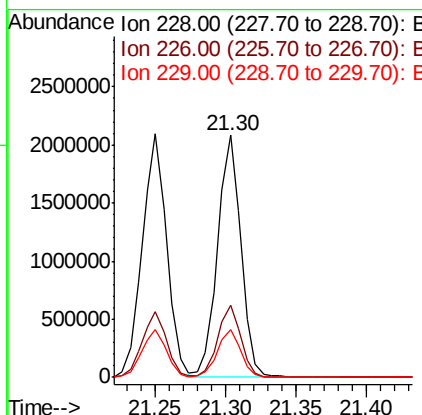
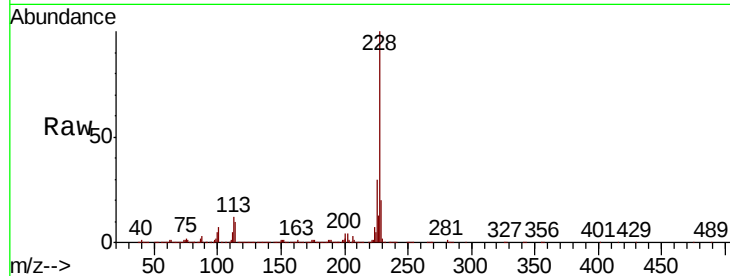
#83
Chrysene
Concen: 34.767 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion:228 Resp: 2390920
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.7 15.7 23.5

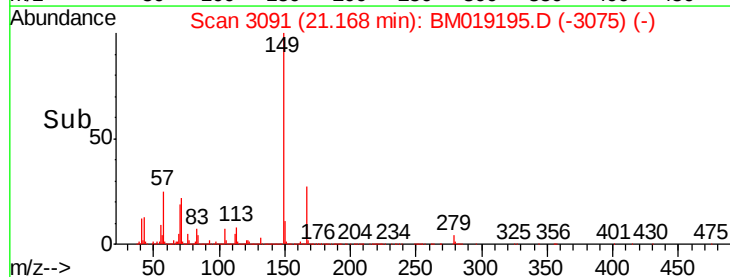
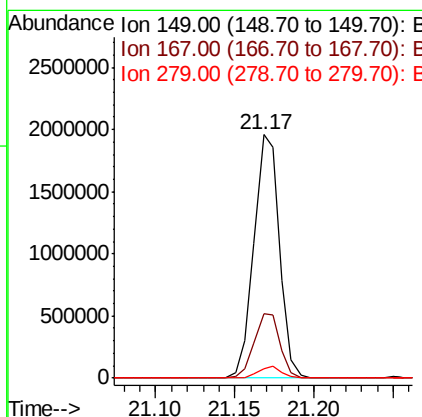
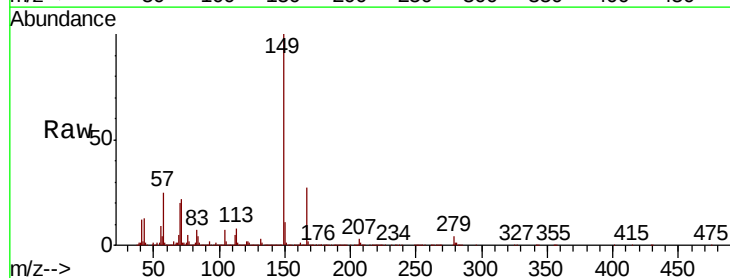
Manual Integrations
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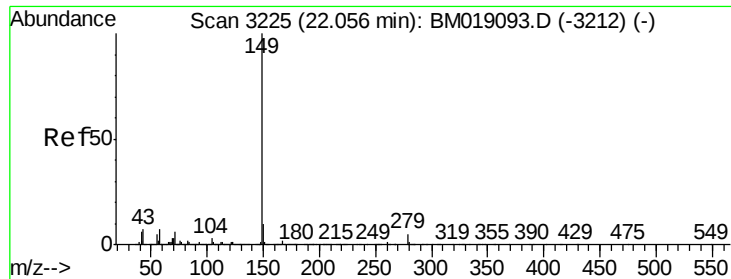
Sohil
3/18/2019 3:04:37 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.214 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion:149 Resp: 2190240
Ion Ratio Lower Upper
149 100
167 26.6 21.1 31.7
279 4.0 3.2 4.8





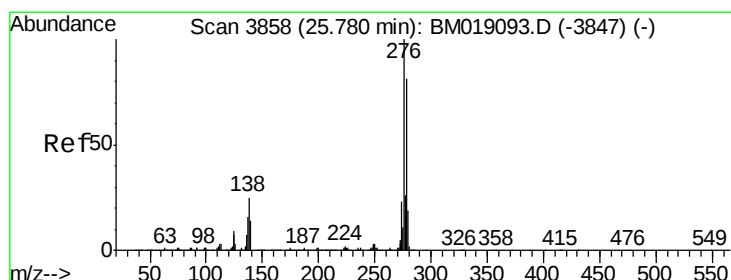
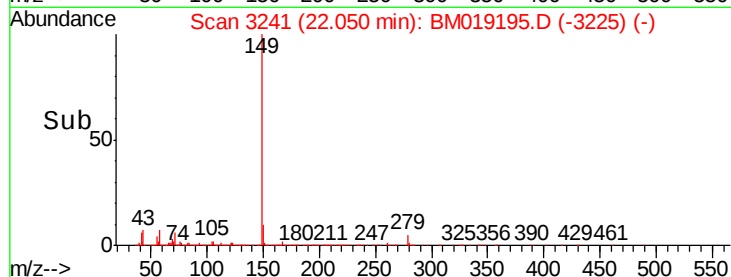
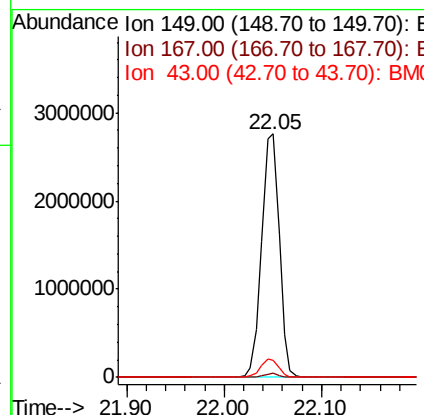
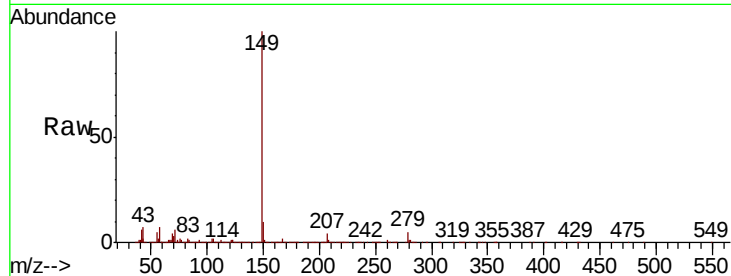
#85
Di-n-octyl phthalate
Concen: 45.552 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

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

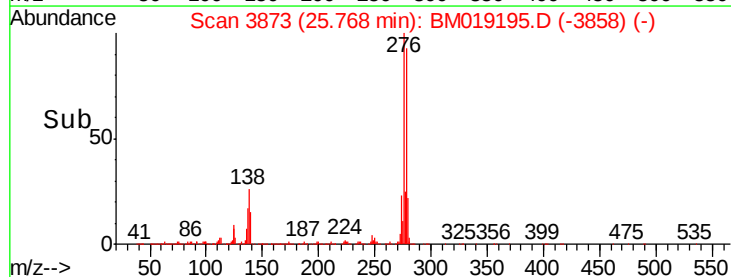
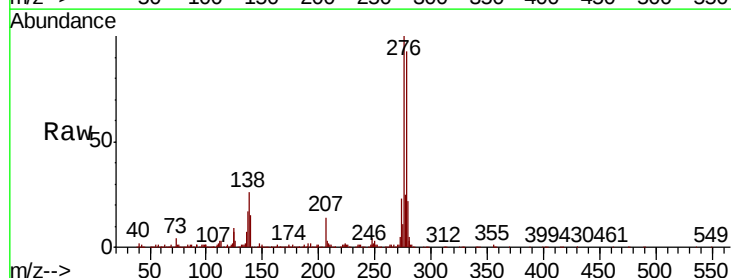
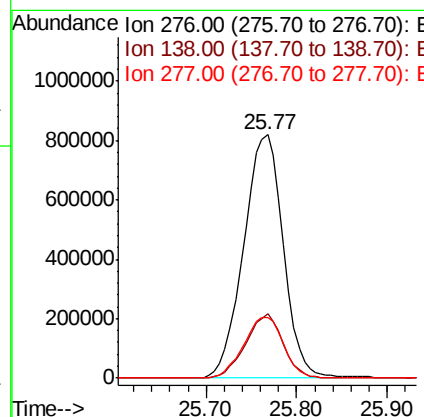
Manual Integrations
APPROVED

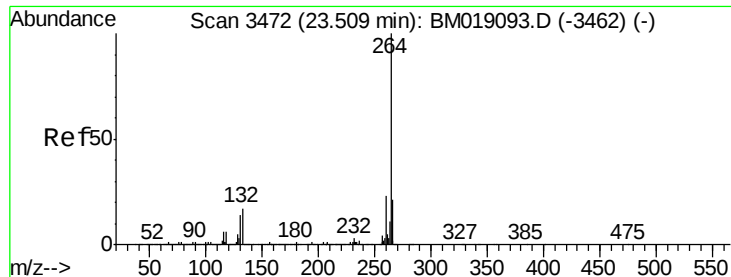
Sohil
3/18/2019 3:04:37 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.483 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.4	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: BM019195.D

Acq: 15 Mar 2019 20:31

Instrument :

BNA_M

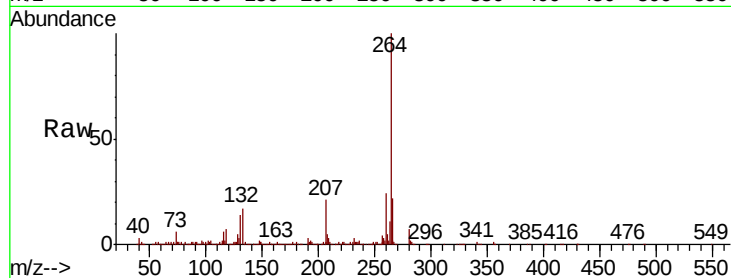
ClientSampleId :

TP-5MSD

Tot Ion:	264	Resp:	974931
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.6	28.0
265	21.8	17.3	25.9

Manual Integrations
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Sohil
3/18/2019 3:04:37 PM

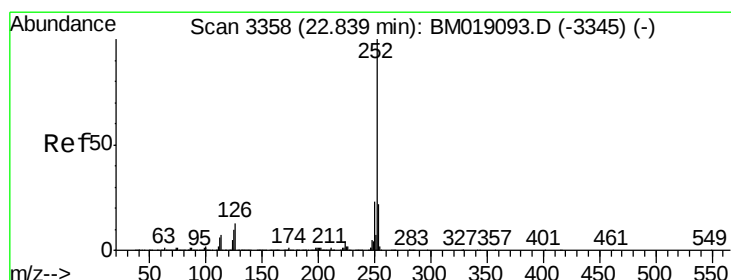
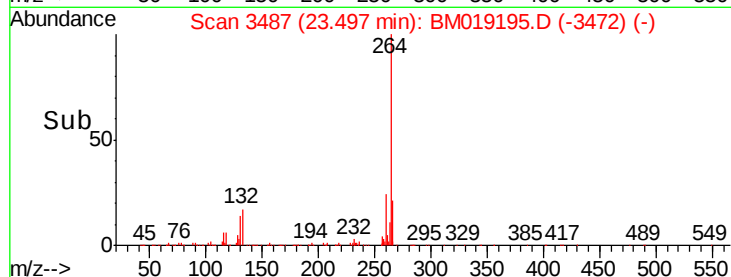
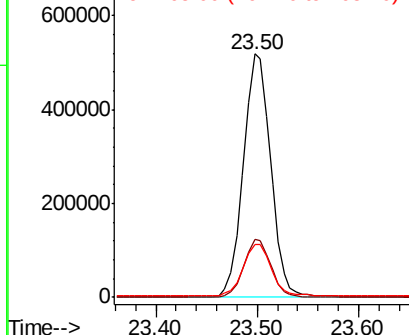


Abundance

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: 36.376 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019195.D

Acq: 15 Mar 2019 20:31

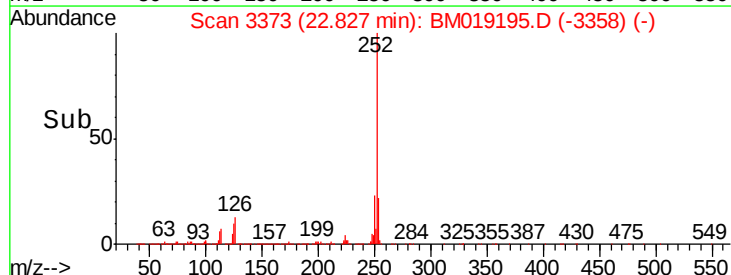
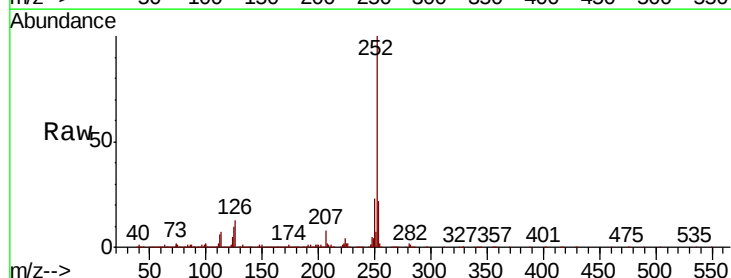
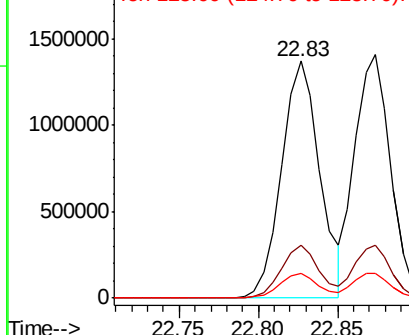
Tgt Ion:	252	Resp:	2297968
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.3	8.1	12.1

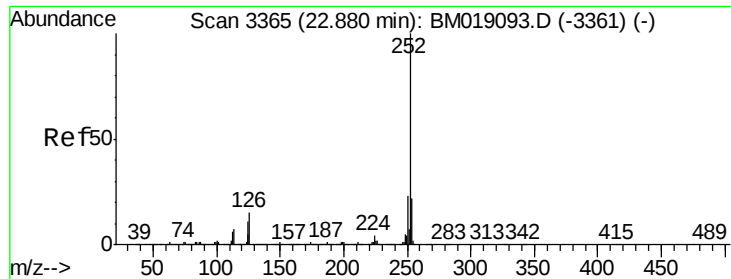
Abundance

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





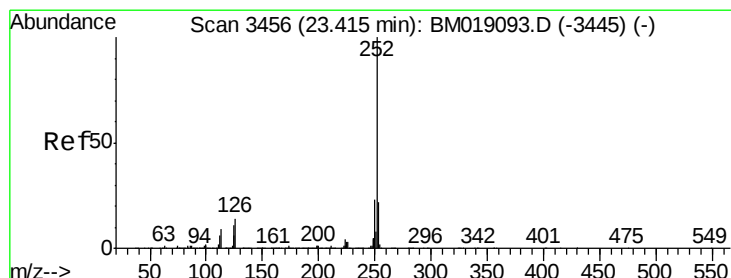
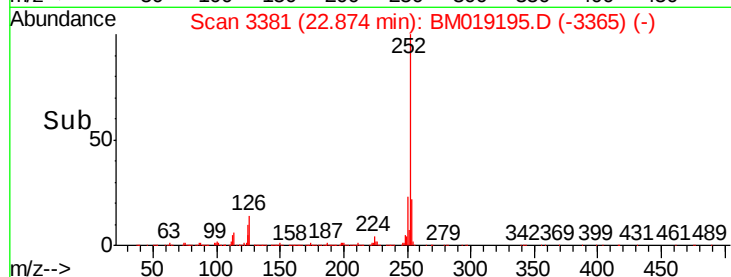
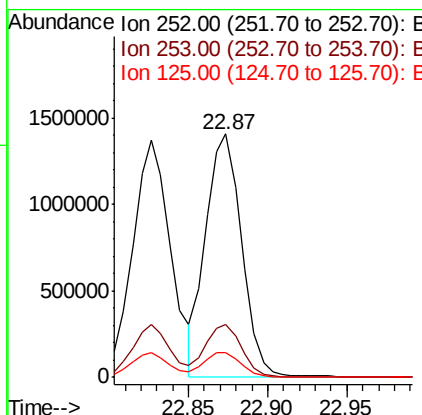
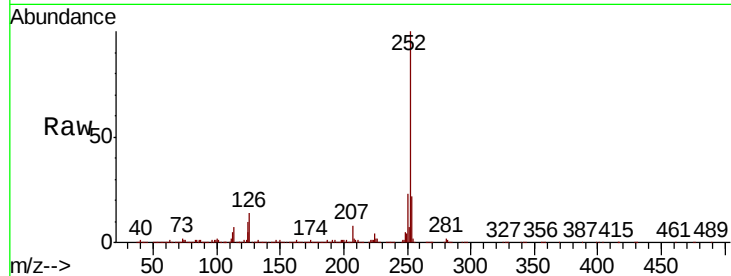
#89
Benzo(k)fluoranthene
Concen: 38.032 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampleId :
TP-5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.2	8.8	13.2

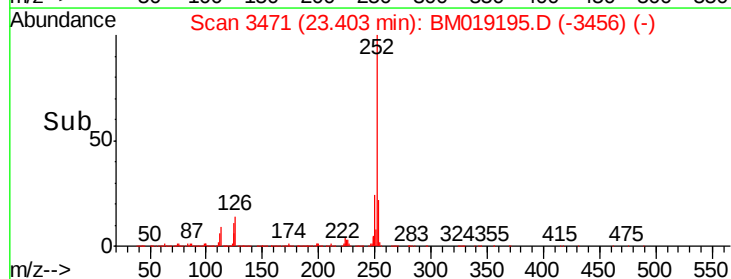
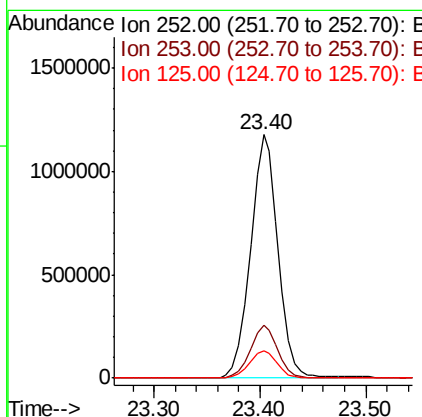
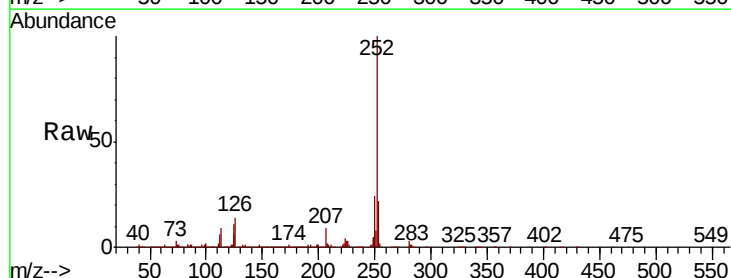
Manual Integrations
APPROVED

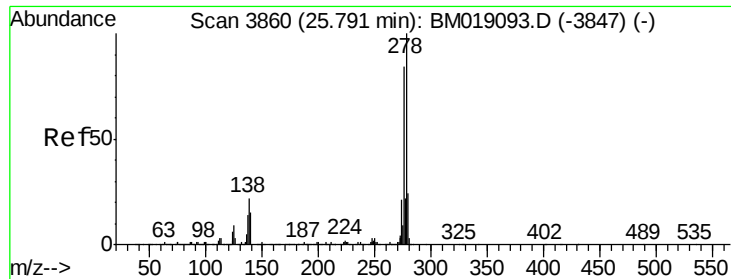
Sohil
3/18/2019 3:04:37 PM



#90
Benzo(a)pyrene
Concen: 37.334 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.5	9.2	13.8





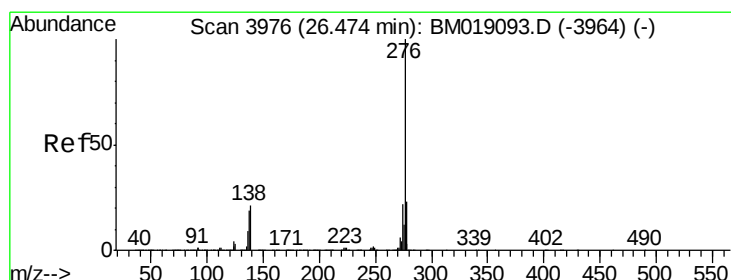
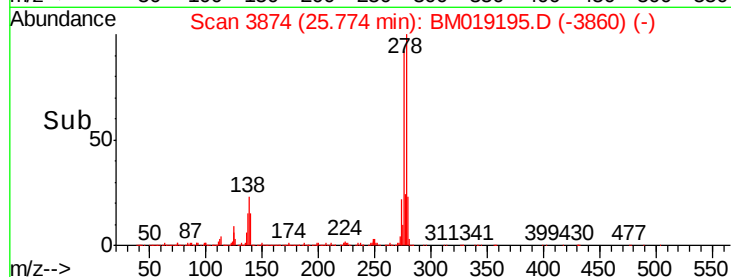
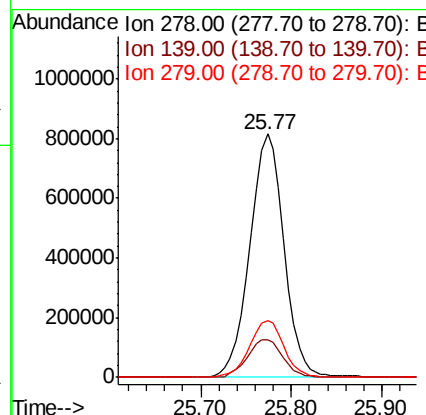
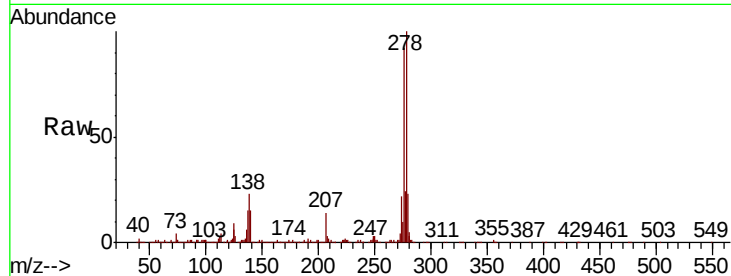
#91
Dibenzo(a,h)anthracene
Concen: 39.243 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Instrument :
BNA_M
ClientSampled :
TP-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.2	12.3	18.5	
279	23.3	18.9	28.3	

Manual Integrations
APPROVED

Sohil
3/18/2019 3:04:37 PM



#92
Benzo(g,h,i)perylene
Concen: 40.199 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019195.D
Acq: 15 Mar 2019 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.5	18.8	28.2	
138	20.3	17.0	25.4	

