

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019019.D
 Acq On : 04 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1712-19MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Manual Integrations
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Sohil
 3/5/2019 5:23:53 PM

Quant Time: Mar 05 04:16:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	277566	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1155592	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	631852	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1270961	20.00	ng	0.00
76) Chrysene-d12	21.28	240	999999	20.00	ng	0.00
87) Perylene-d12	23.53	264	973055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1716569	101.33	ng	0.00
7) Phenol-d6	6.86	99	2446639	102.52	ng	0.00
23) Nitrobenzene-d5	8.85	82	1539407	61.60	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	843435	92.60	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2913770	61.22	ng	0.00
79) Terphenyl-d14	19.72	244	3502990	72.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	183504	24.870	ng	98
3) Pyridine	3.63	79	513211	25.500	ng	99
4) n-Nitrosodimethylamine	3.55	42	170730	33.346	ng	98
6) Aniline	7.02	93	337712	11.549	ng	98
8) 2-Chlorophenol	7.25	128	617547	33.203	ng	99
9) Benzaldehyde	6.84	77	467805	34.581	ng	99
10) Phenol	6.89	94	896606	35.706	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	581621	30.364	ng	99
12) 1,3-Dichlorobenzene	7.56	146	605824	28.968	ng	98
13) 1,4-Dichlorobenzene	7.72	146	622169	29.222	ng	99
14) 1,2-Dichlorobenzene	8.03	146	604257	29.546	ng	99
15) Benzyl Alcohol	7.93	79	589744	31.100	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	587784	31.705	ng	97
17) 2-Methylphenol	8.12	107	532711	33.332	ng	98
18) Hexachloroethane	8.74	117	224340	28.864	ng	98
19) n-Nitroso-di-n-propylamine	8.49	70	553190	29.938	ng	99
20) 3+4-Methylphenols	8.46	107	716379	32.461	ng	100
22) Acetophenone	8.51	105	911801	28.732	ng	# 99
24) Nitrobenzene	8.89	77	773582	29.820	ng	98
25) Isophorone	9.41	82	1361160	34.134	ng	99
26) 2-Nitrophenol	9.59	139	325596	31.517	ng	98
27) 2,4-Dimethylphenol	9.65	122	548994	36.384	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	812072	31.492	ng	100
29) 2,4-Dichlorophenol	10.12	162	562122	32.444	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	585259	29.250	ng	99
31) Naphthalene	10.52	128	1808851	32.095	ng	99
32) Benzoic acid	9.76	122	94421m	7.174	ng	
33) 4-Chloroaniline	10.65	127	112426	4.463	ng	98
34) Hexachlorobutadiene	10.78	225	313905	27.028	ng	99
35) Caprolactam	11.45	113	168483m	23.828	ng	
36) 4-Chloro-3-methylphenol	11.77	107	630478	30.182	ng	100
37) 2-Methylnaphthalene	12.13	142	1310609	33.029	ng	99
38) 1-Methylnaphthalene	12.36	142	1237409	31.890	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	617115	30.532	ng	99

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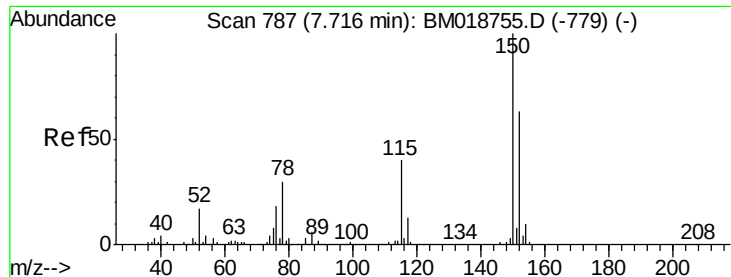
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	635304	61.477	ng	97
43) 2,4,6-Trichlorophenol	12.76	196	441508	32.996	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	453735	32.353	ng	99
46) 1,1'-Biphenyl	13.16	154	1655205	30.433	ng	100
47) 2-Chloronaphthalene	13.20	162	1276587	30.389	ng	100
48) 2-Nitroaniline	13.43	65	422535	30.285	ng	96
49) Acenaphthylene	14.05	152	2039410	32.604	ng	99
50) Dimethylphthalate	13.80	163	1805165	34.281	ng	99
51) 2,6-Dinitrotoluene	13.93	165	351860	30.846	ng	97
52) Acenaphthene	14.40	154	1178231	30.719	ng	100
53) 3-Nitroaniline	14.26	138	158062	12.264	ng	98
54) 2,4-Dinitrophenol	14.47	184	292241	43.230	ng	98
55) Dibenzofuran	14.73	168	1891221	29.999	ng	99
56) 4-Nitrophenol	14.57	139	558520	54.285	ng	96
57) 2,4-Dinitrotoluene	14.72	165	477840	30.403	ng	98
58) Fluorene	15.39	166	1505205	31.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	394841	31.851	ng	100
60) Diethylphthalate	15.16	149	1588928	29.252	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	746914	27.621	ng	99
62) 4-Nitroaniline	15.43	138	307506	24.337	ng	98
63) Azobenzene	15.67	77	1680560	28.855	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	229632	25.733	ng	94
66) n-Nitrosodiphenylamine	15.60	169	1325615	33.013	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	436570	30.688	ng	97
68) Hexachlorobenzene	16.38	284	504132	30.487	ng	96
69) Atrazine	16.56	200	428682	33.115	ng	99
70) Pentachlorophenol	16.73	266	584953	54.940	ng	99
71) Phenanthrene	17.13	178	2189103	32.050	ng	99
72) Anthracene	17.22	178	2208715	33.223	ng	100
73) Carbazole	17.50	167	1980386	28.512	ng	99
74) Di-n-butylphthalate	18.05	149	2531809	31.695	ng	100
75) Fluoranthene	19.15	202	2235721	28.336	ng	99
77) Benzidine	19.35	184	928158	41.212	ng	100
78) Pyrene	19.52	202	2246471	38.680	ng	100
80) Butylbenzylphthalate	20.42	149	1025551	38.746	ng	98
81) Benzo(a)anthracene	21.26	228	1834956	31.479	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	457066	19.840	ng	100
83) Chrysene	21.32	228	1763402	31.562	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1468125	37.897	ng	99
85) Di-n-octyl phthalate	22.07	149	2244319	34.469	ng	99
86) Indeno(1,2,3-cd)pyrene	25.80	276	2167313	33.598	ng	100
88) Benzo(b)fluoranthene	22.85	252	1773468	31.856	ng	99
89) Benzo(k)fluoranthene	22.89	252	1804902	32.565	ng	100
90) Benzo(a)pyrene	23.43	252	1734188	32.882	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	1839594	35.207	ng	98
92) Benzo(g,h,i)perylene	26.50	276	1767320	36.331	ng	99

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



#1

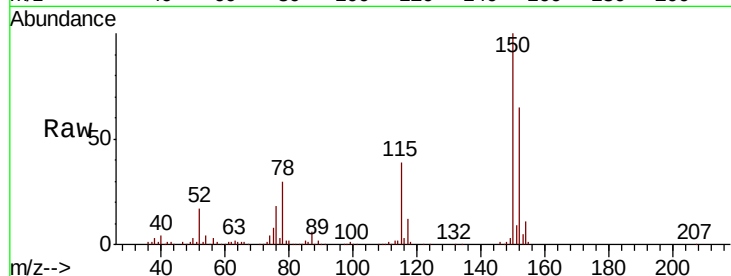
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.3	190.9
115	59.7	50.8	76.2

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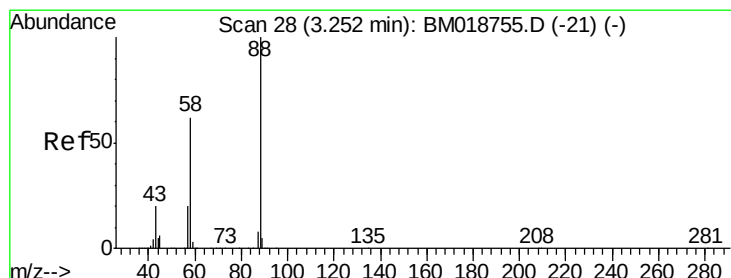
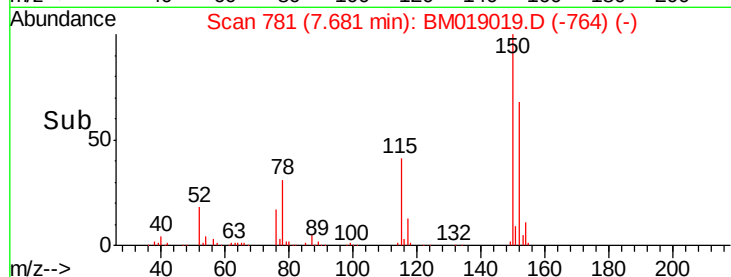
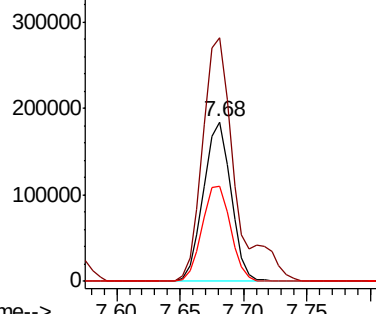


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

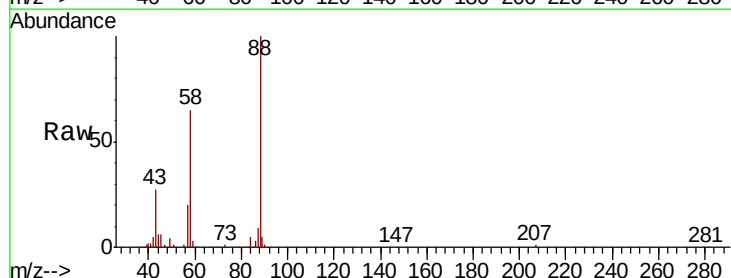
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.870 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	49.8	74.6
43	20.7	16.7	25.1

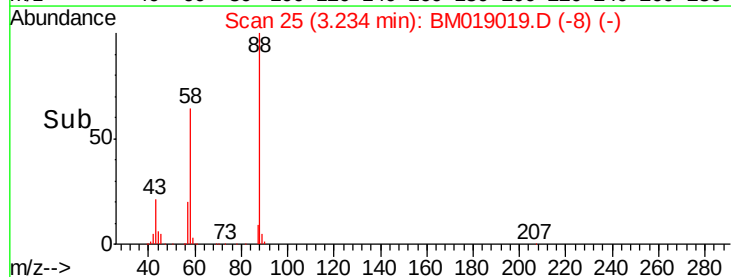
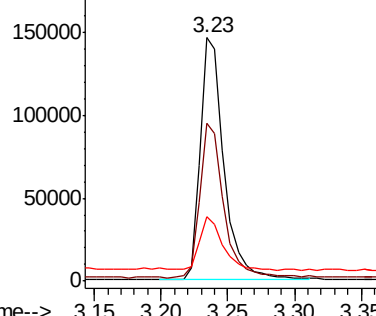


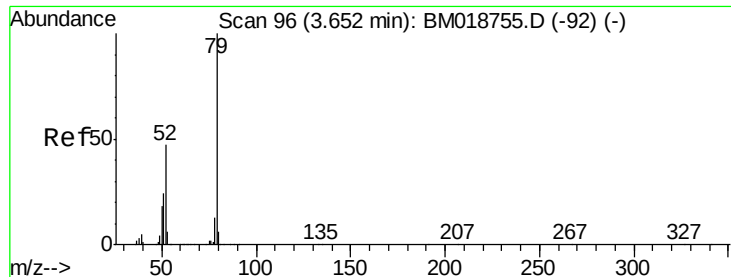
Abundance

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





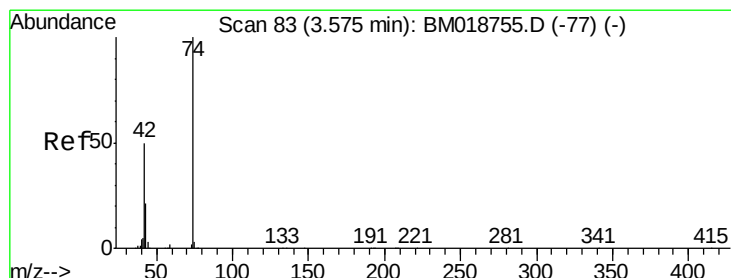
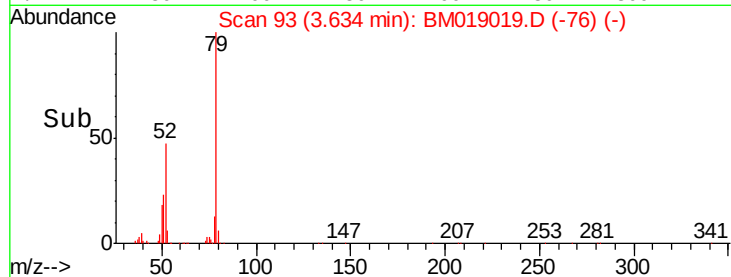
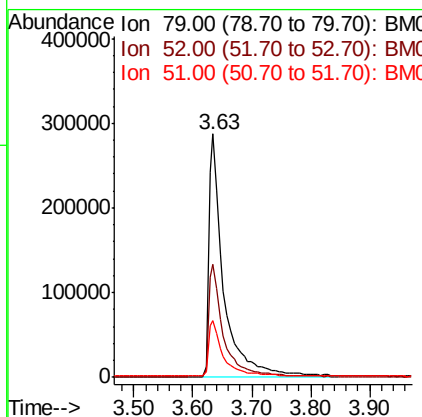
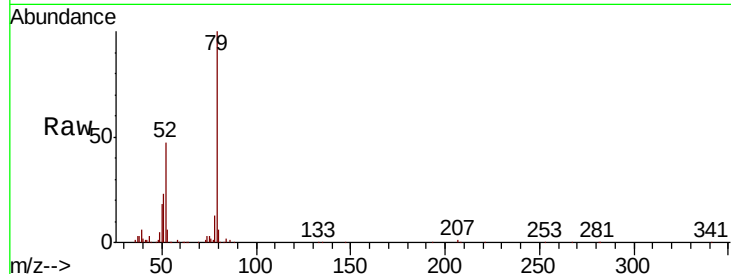
#3
 Pvridine
 Concen: 25.500 ng
 RT: 3.63 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.5	37.6	56.4
51	23.4	19.7	29.5

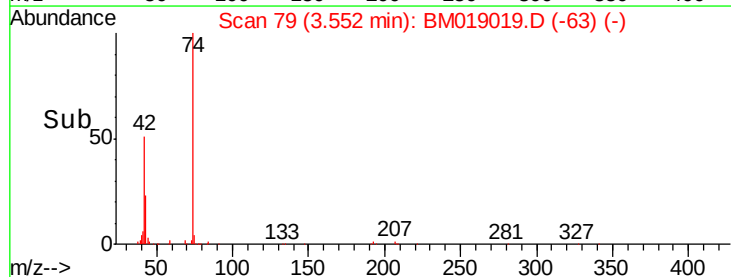
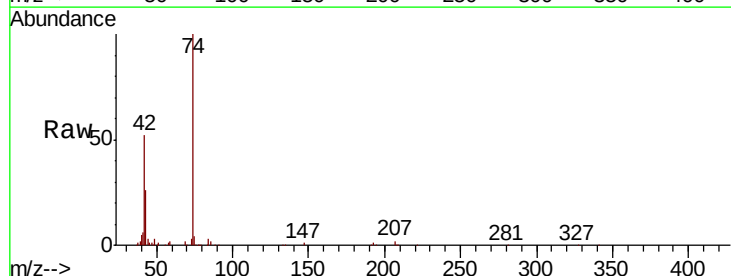
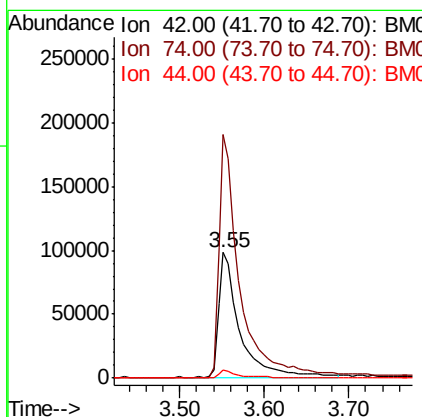
Manual Integrations
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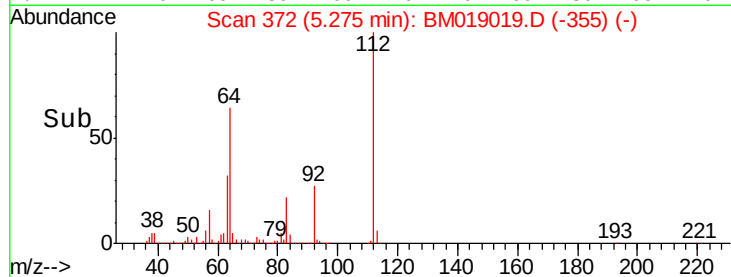
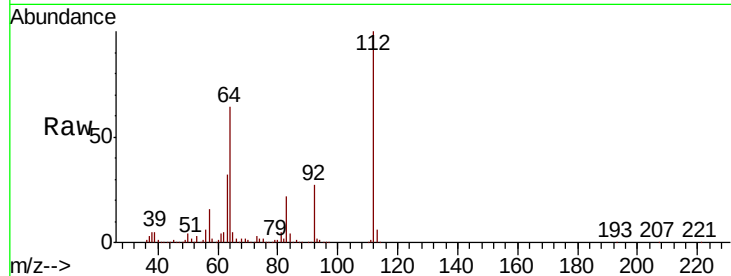
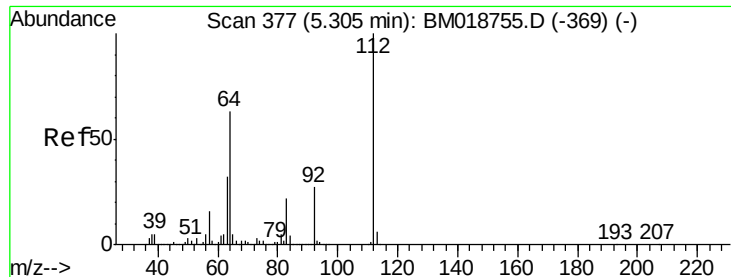
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#4
 n-Nitrosodimethylamine
 Concen: 33.346 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	194.1	158.1	237.1
44	6.2	4.9	7.3





#5

2-Fluorophenol

Concen: 101.329 ng

RT: 5.28 min Scan# 372

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tot Ion:	112	Resp:	1716569
Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	32.4	25.7	38.5

Instrument :

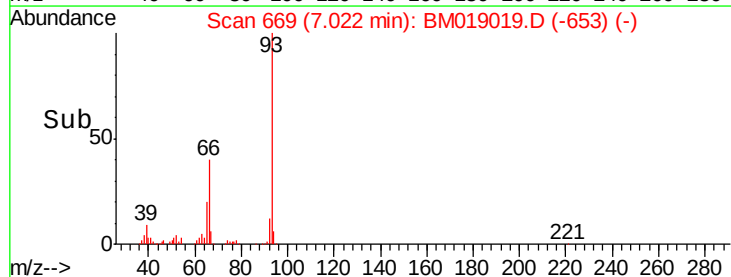
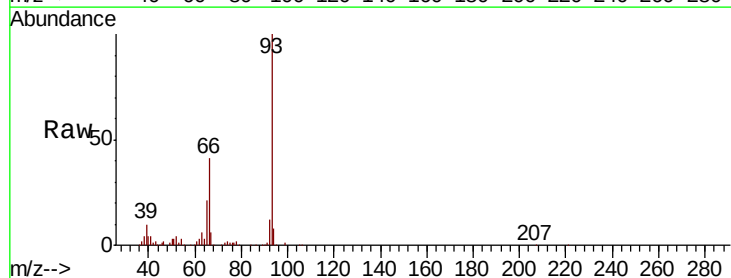
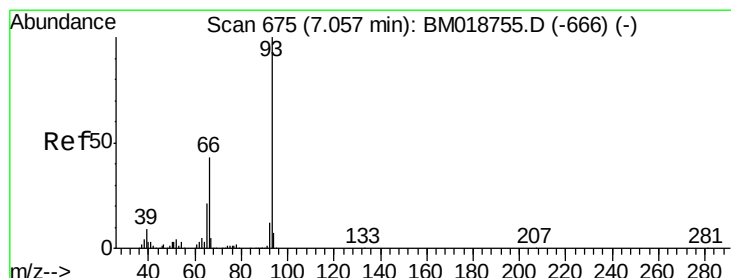
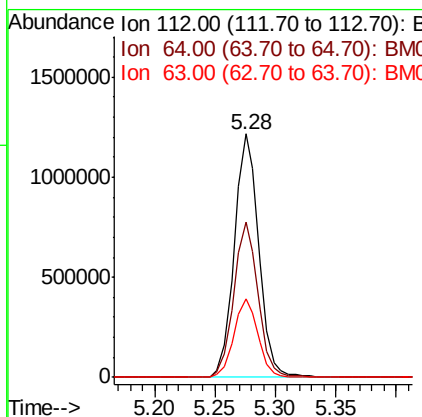
BNA_M

ClientSampleId :

Z-2-4MSD

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#6

Aniline

Concen: 11.549 ng

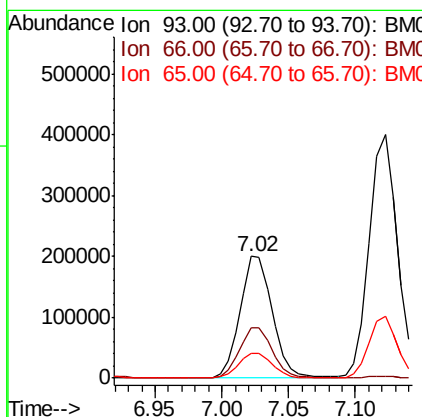
RT: 7.02 min Scan# 669

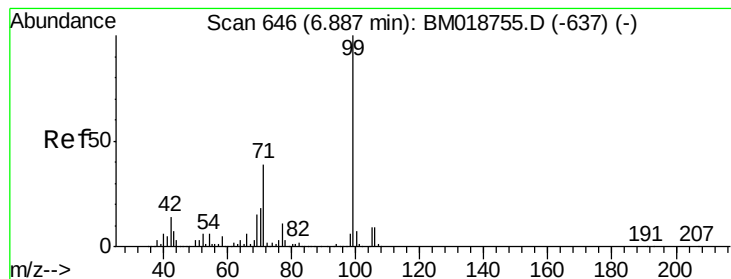
Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:	93	Resp:	337712
Ion	Ratio	Lower	Upper
93	100		
66	41.1	34.1	51.1
65	20.7	16.6	24.8





#7

Phenol-d6

Concen: 102.520 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

Z-2-4MSD

Tot Ion: 99 Resp: 2446639

Ion Ratio Lower Upper

99 100

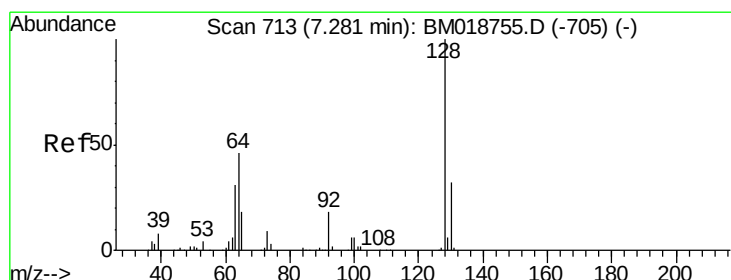
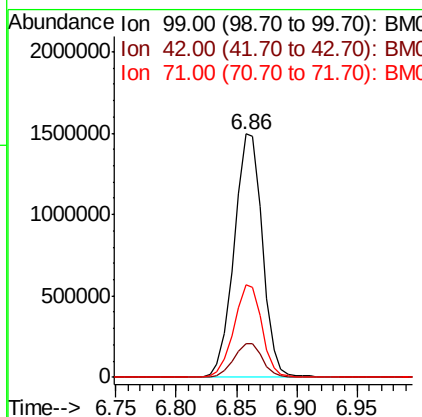
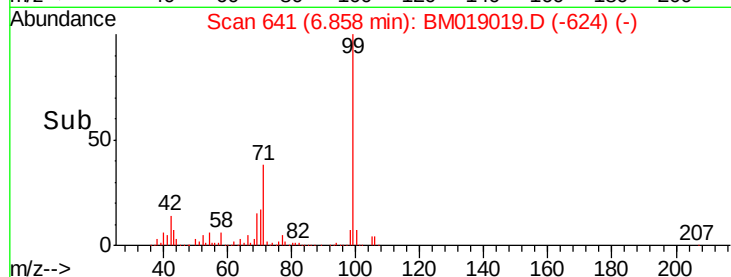
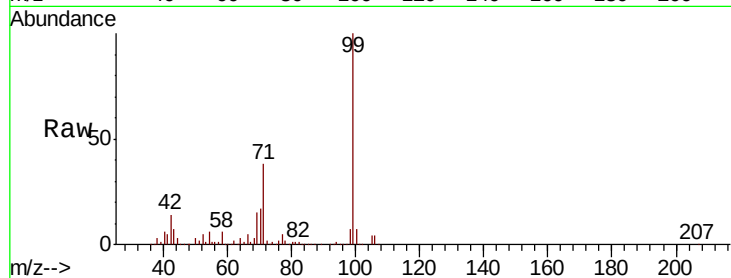
42 13.7 11.0 16.6

71 37.8 31.3 46.9

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#8

2-Chlorophenol

Concen: 33.203 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

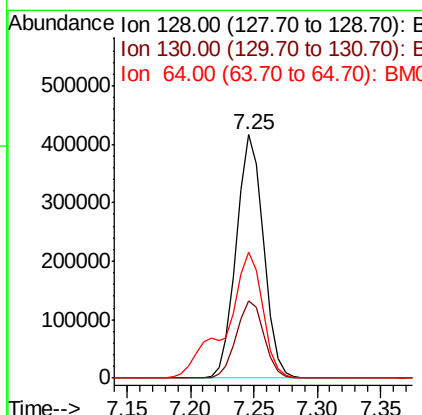
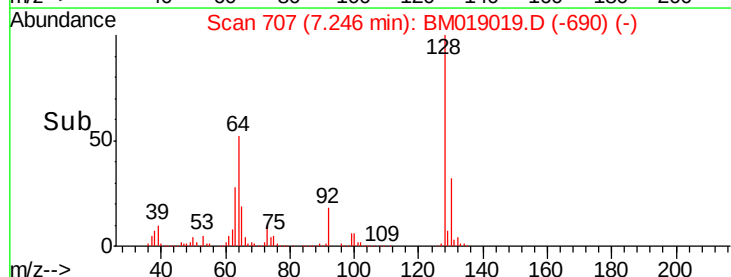
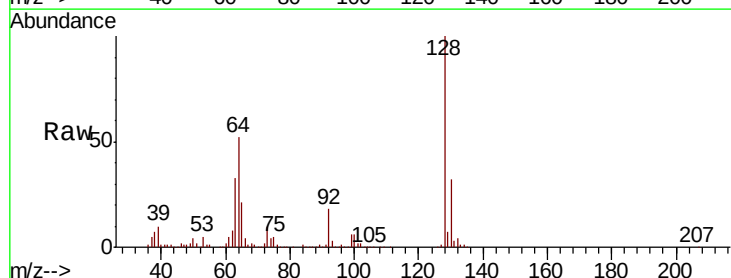
Tgt Ion: 128 Resp: 617547

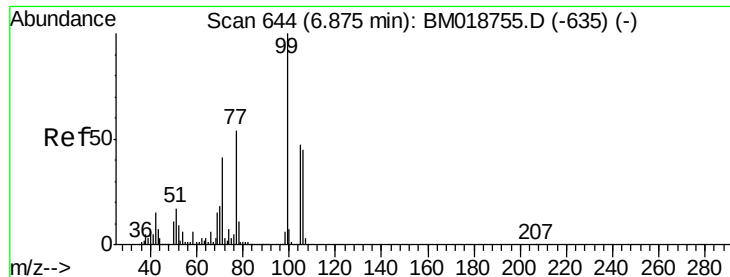
Ion Ratio Lower Upper

128 100

130 31.9 11.7 51.7

64 51.7 31.0 71.0





#9

Benzaldehyde

Concen: 34.581 ng

RT: 6.84 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

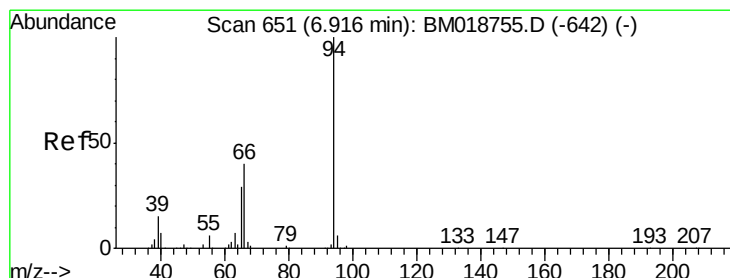
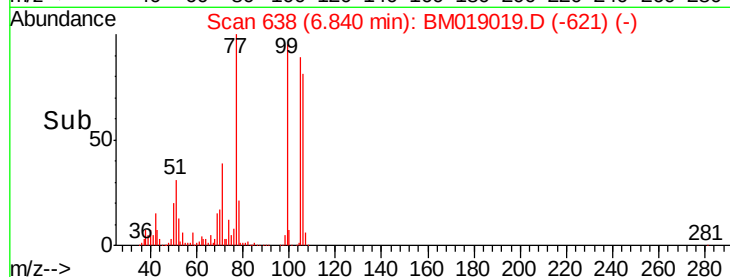
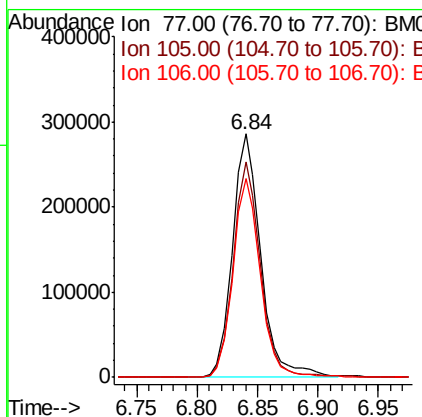
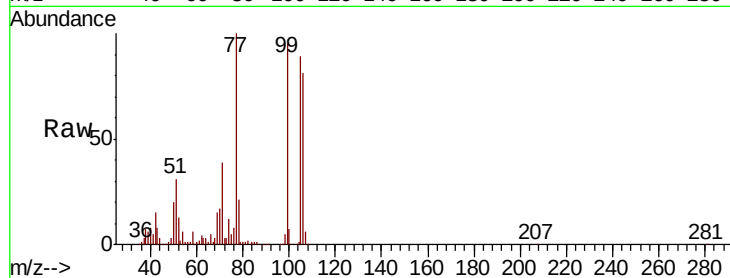
ClientSampleId :

Z-2-4MSD

Tot Ion:	77	Resp:	467805
Ion Ratio	Lower	Upper	
77	100		
105	88.6	67.3	107.3
106	81.5	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 35.706 ng

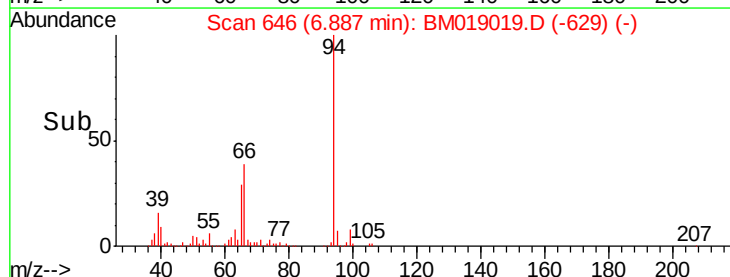
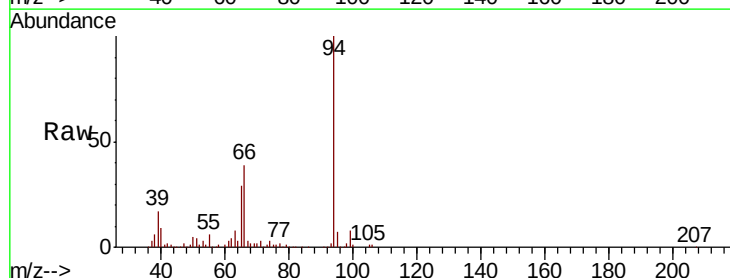
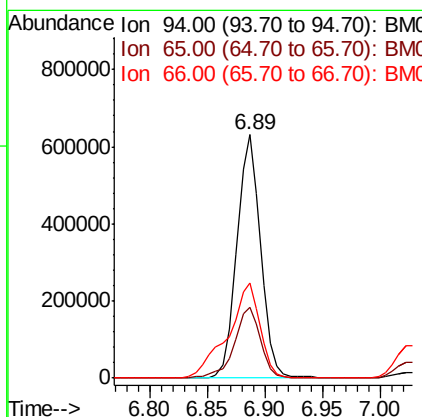
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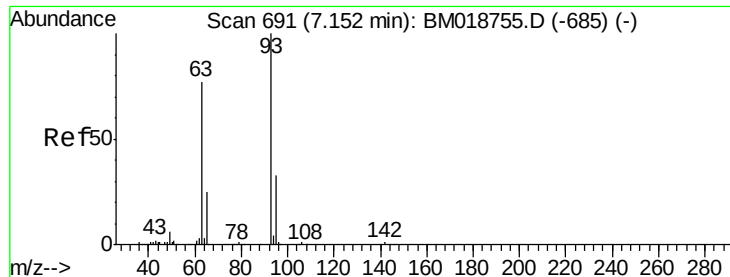
Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:	94	Resp:	896606
Ion Ratio	Lower	Upper	
94	100		
65	29.2	9.6	49.6
66	39.0	20.4	60.4





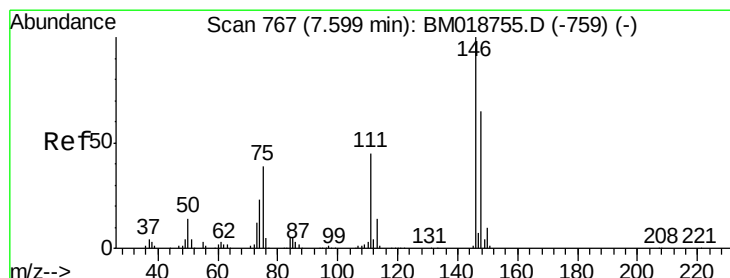
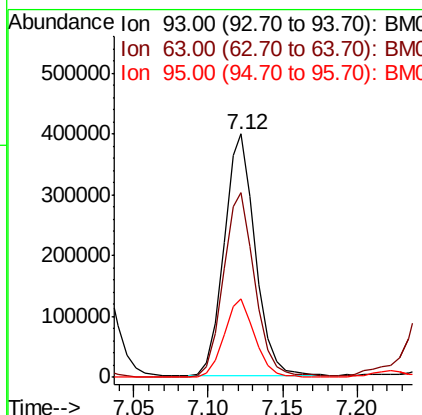
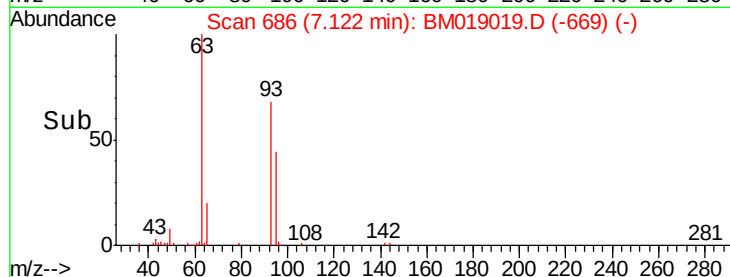
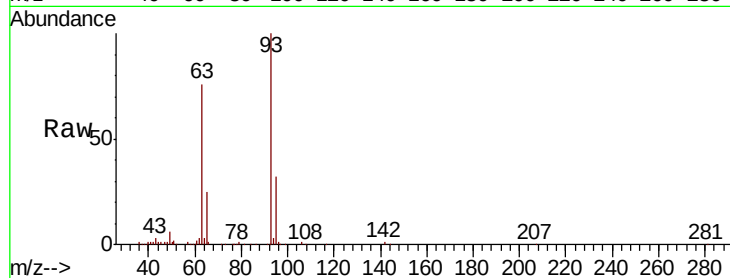
#11
bis(2-Chloroethyl)ether
Concen: 30.364 ng
RT: 7.12 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	57.0	97.0
95	32.0	12.4	52.4

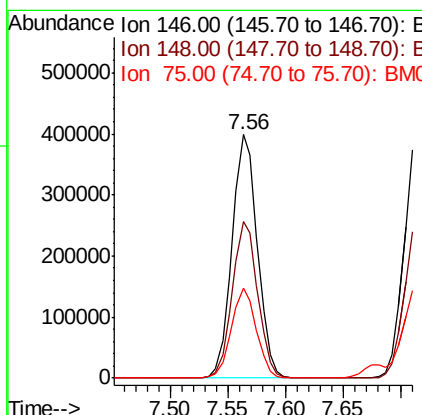
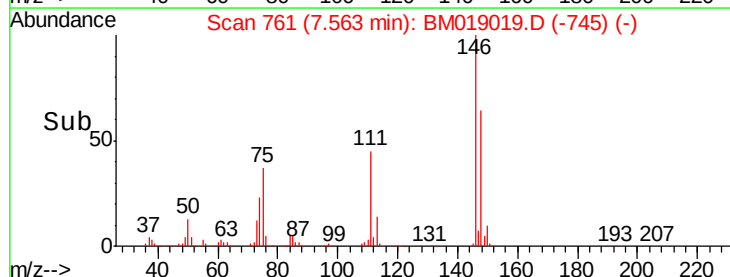
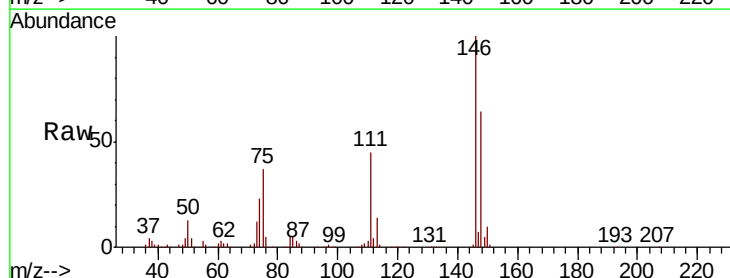
Manual Integrations
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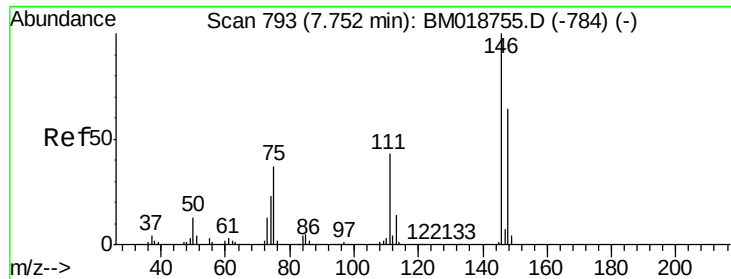
Sohil
3/5/2019 5:23:53 PM



#12
1,3-Dichlorobenzene
Concen: 28.968 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
75	36.8	31.3	46.9





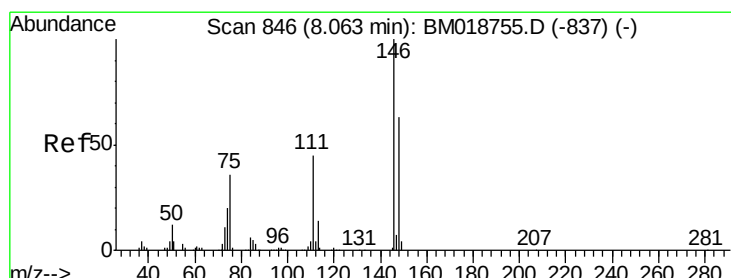
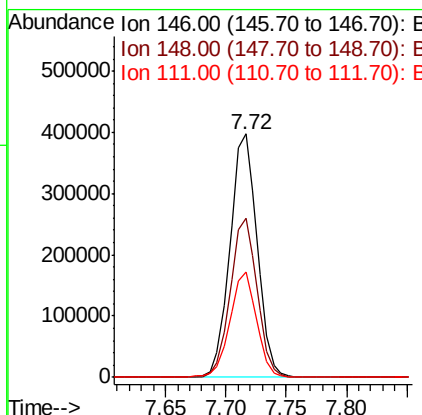
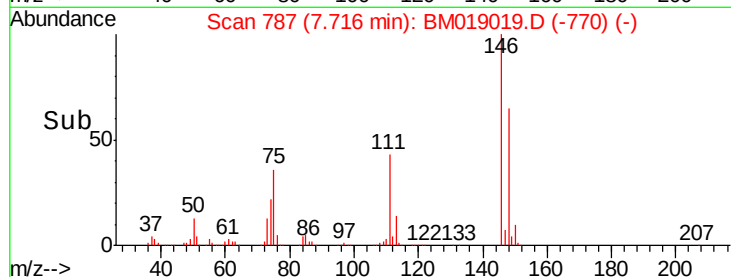
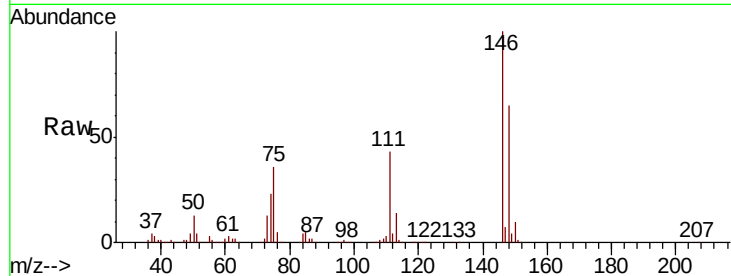
#13
 1,4-Dichlorobenzene
 Concen: 29.222 ng
 RT: 7.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampled :
 Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
111	43.3	34.6	52.0

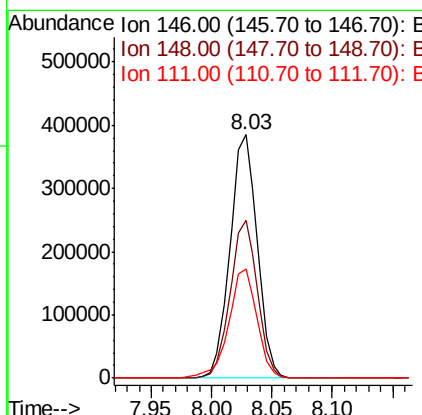
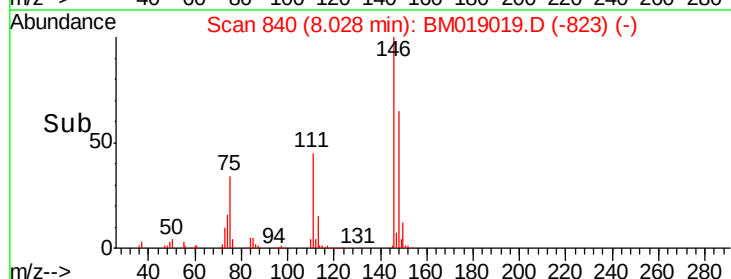
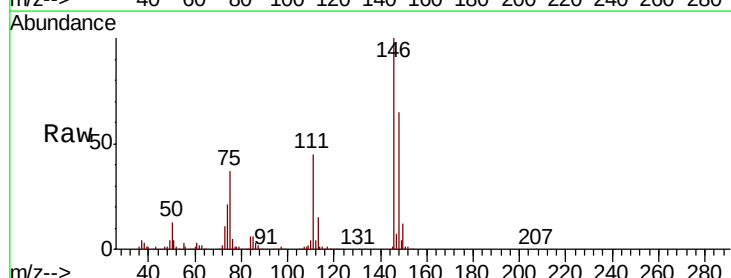
Manual Integrations
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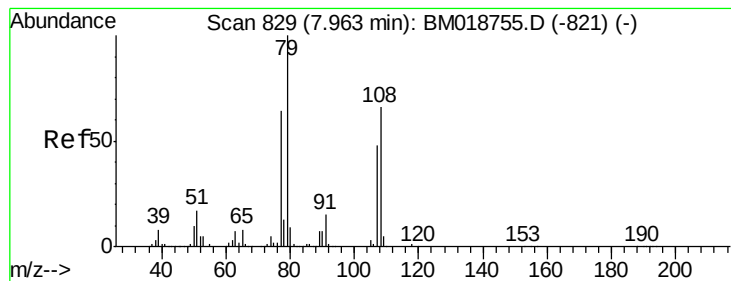
Sohil
 3/5/2019 5:23:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 29.546 ng
 RT: 8.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.7	76.1
111	44.7	35.9	53.9





#15

Benzyl Alcohol

Concen: 31.100 ng

RT: 7.93 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

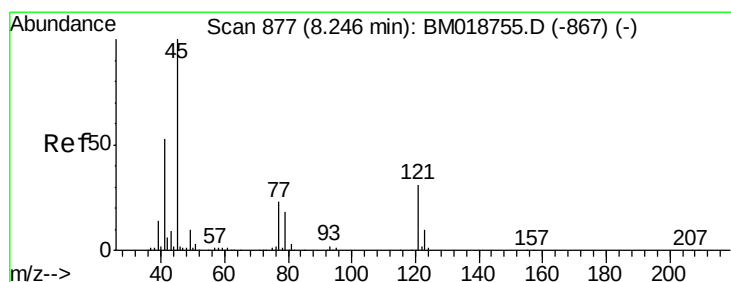
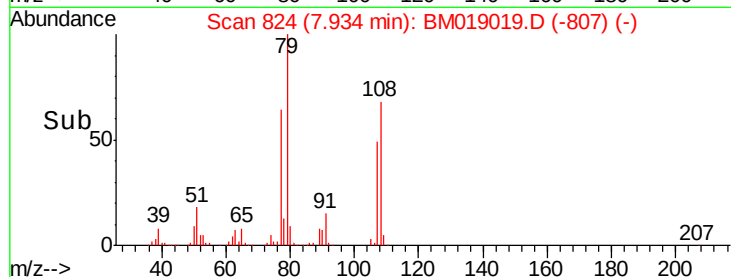
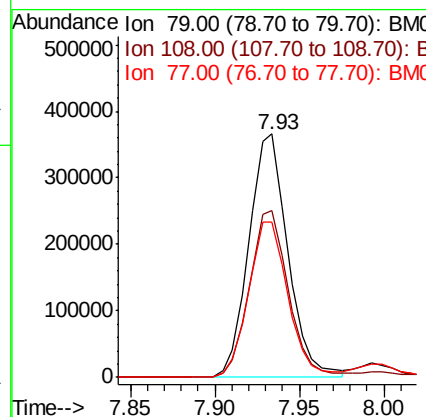
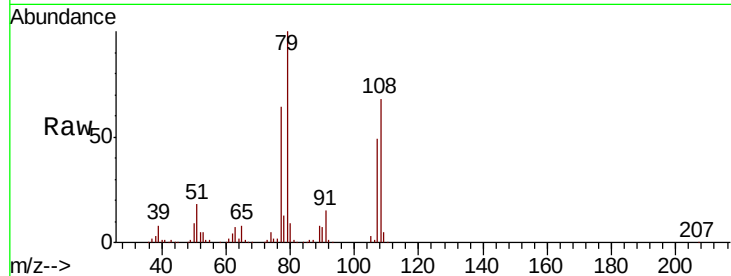
ClientSampleId :

Z-2-4MSD

Tot Ion:	79	Resp:	589744
Ion	Ratio	Lower	Upper
79	100		
108	68.4	52.7	79.1
77	64.0	51.0	76.4

Manual Integrations
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3/5/2019 5:23:53 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.705 ng

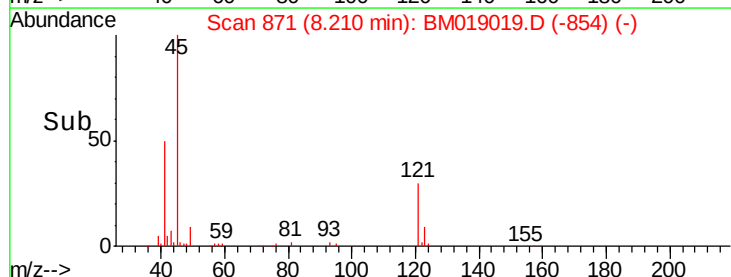
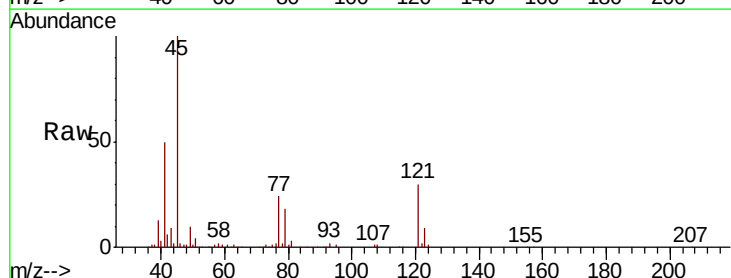
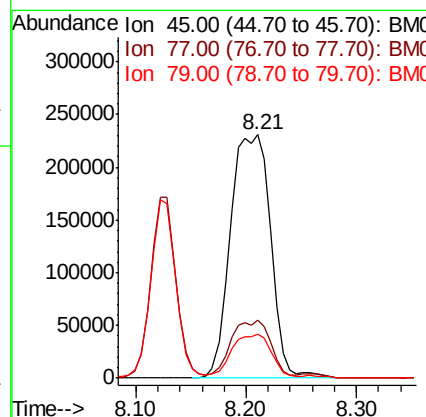
RT: 8.21 min Scan# 871

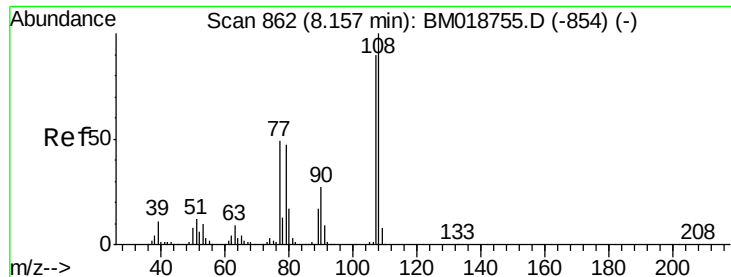
Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:	45	Resp:	587784
Ion	Ratio	Lower	Upper
45	100		
77	23.7	5.0	45.0
79	18.1	0.0	39.3





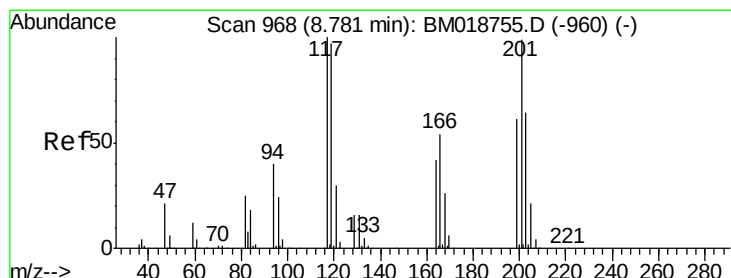
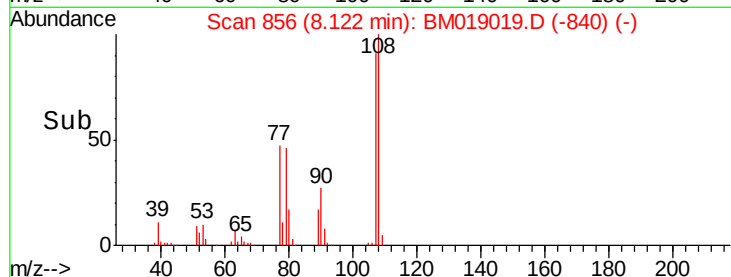
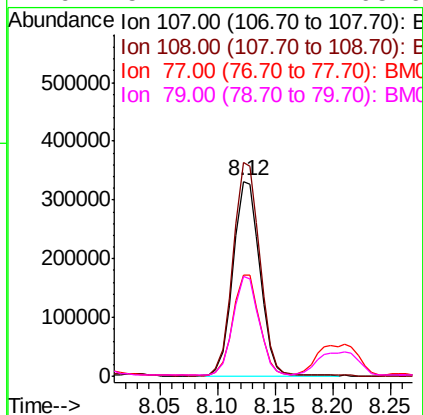
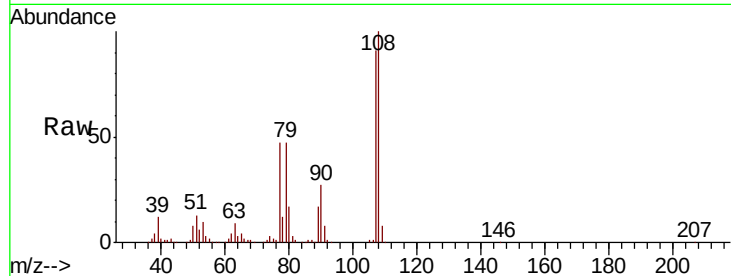
#17
2-Methylphenol
Concen: 33.332 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	532711		
108	109.7	88.8	133.2	
77	51.8	44.0	66.0	
79	51.1	42.4	63.6	

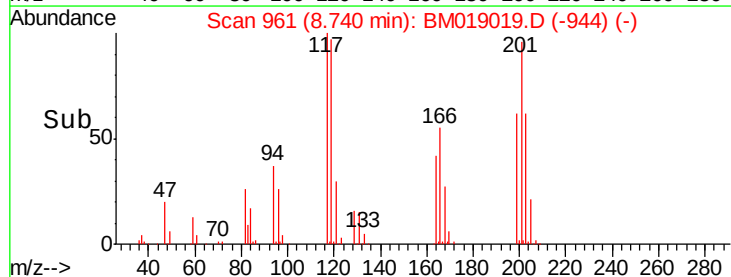
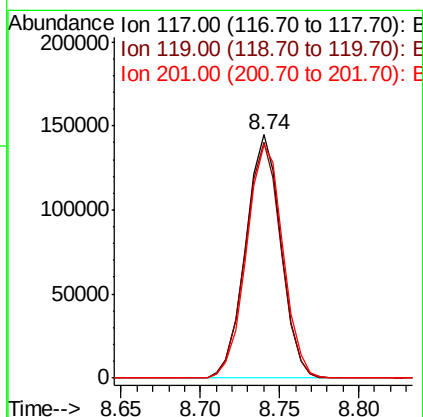
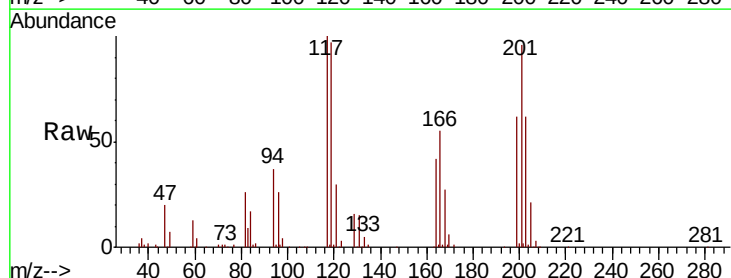
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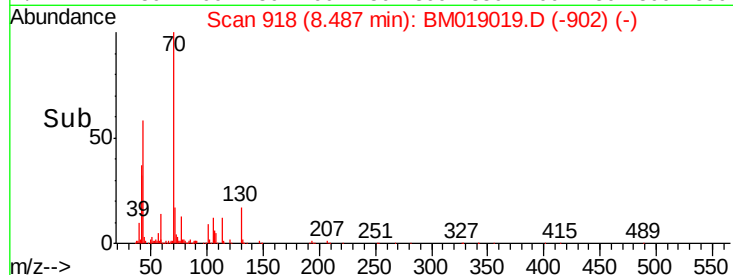
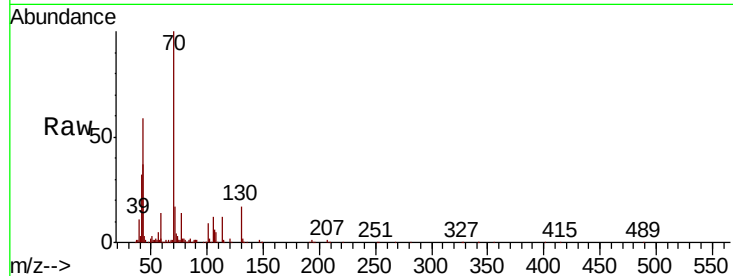
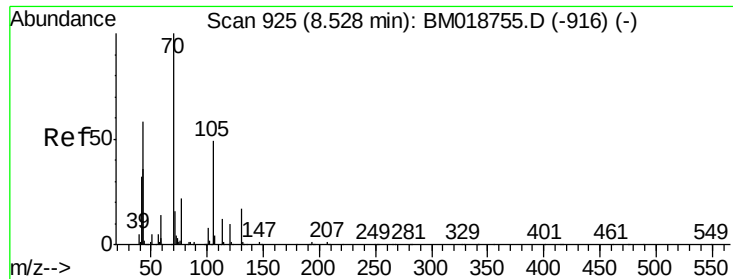
Sohil
3/5/2019 5:23:53 PM



#18
Hexachloroethane
Concen: 28.864 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	224340		
119	96.7	77.9	116.9	
201	95.7	79.2	118.8	





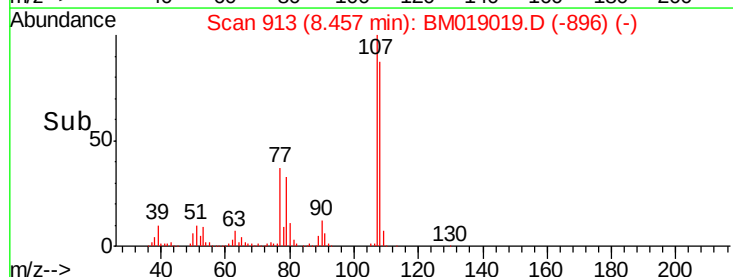
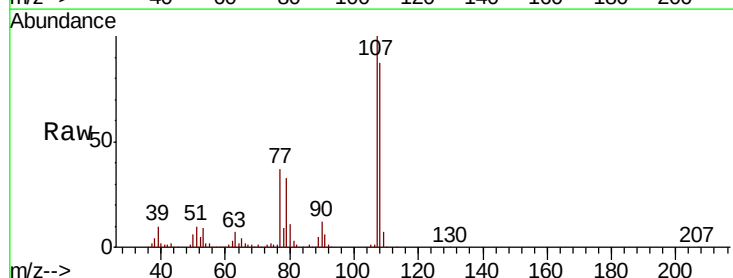
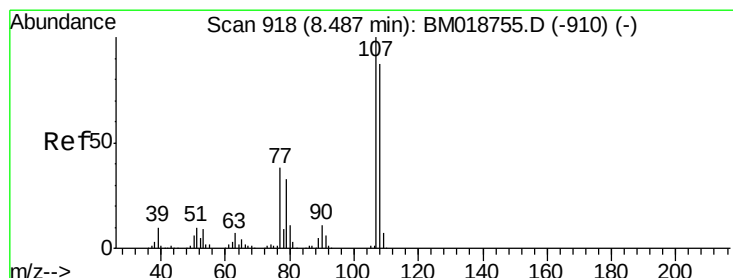
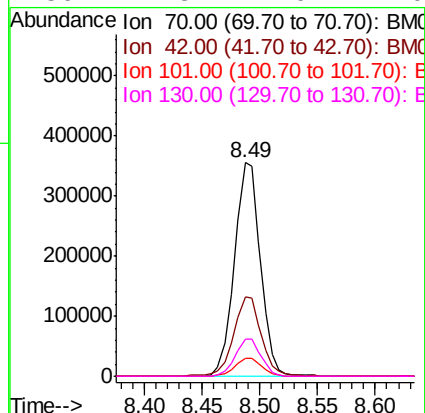
#19
n-Nitroso-di-n-propylamine
Concen: 29.938 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.0	29.4	44.0		
101	8.6	6.7	10.1		
130	17.3	14.0	21.0		

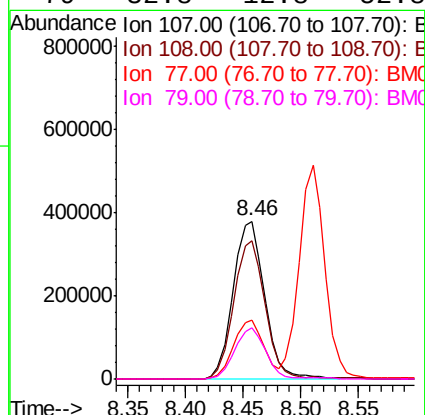
Manual Integrations
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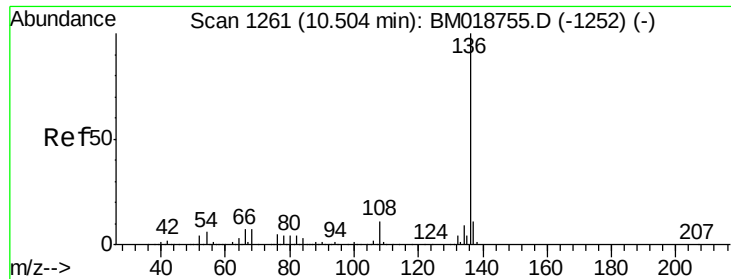
Sohil
3/5/2019 5:23:53 PM



#20
3+4-Methylphenols
Concen: 32.461 ng
RT: 8.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.4	67.3	107.3		
77	37.2	18.0	58.0		
79	32.8	12.8	52.8		





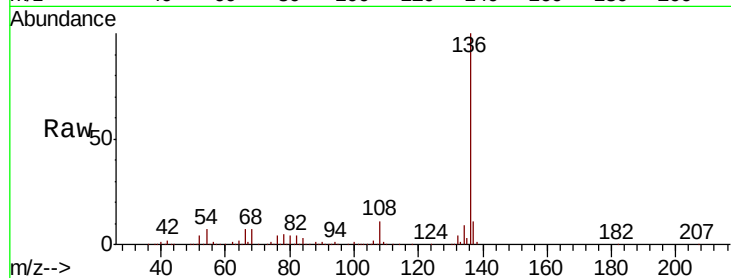
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.3	5.0	7.6
68	7.4	5.5	8.3

Manual Integrations
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3/5/2019 5:23:53 PM



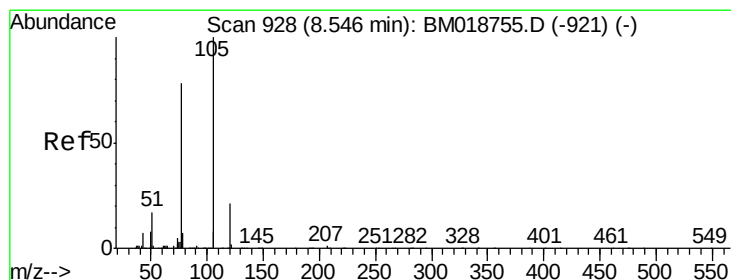
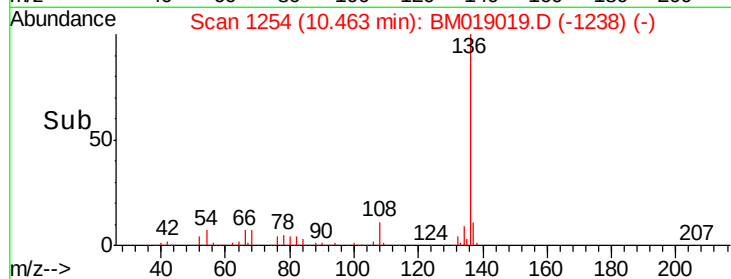
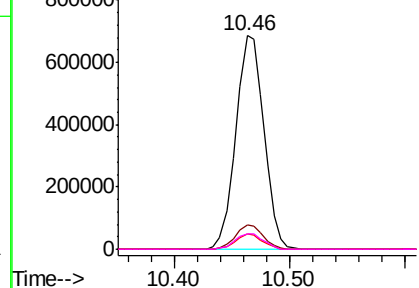
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 28.732 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.1	1.7#
51	19.7	15.5	23.3
120	21.6	17.0	25.4

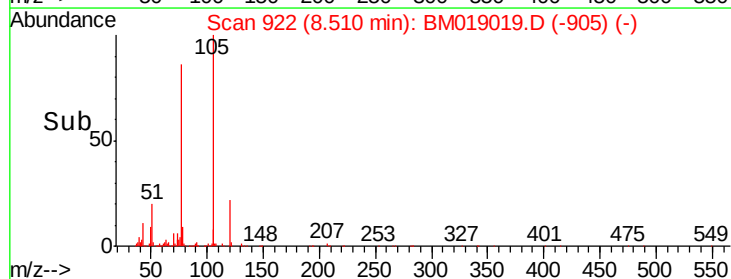
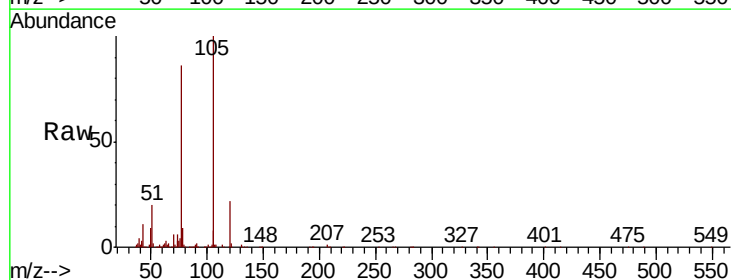
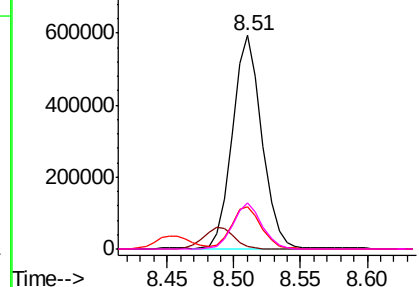
Abundance

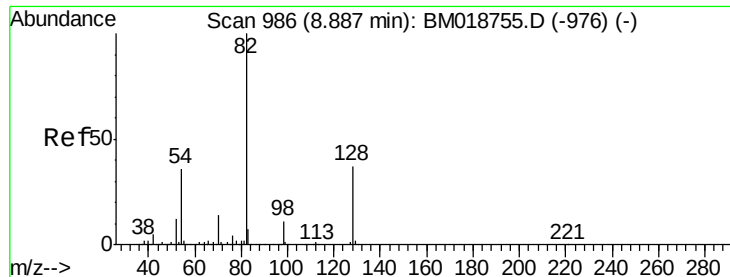
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





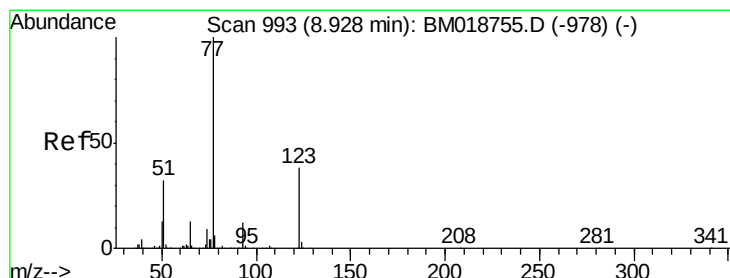
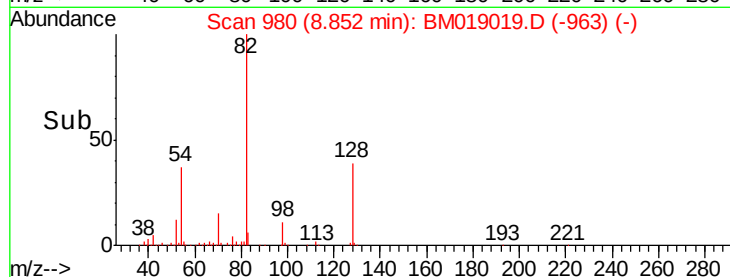
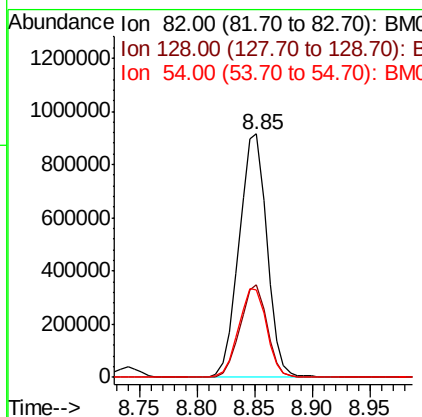
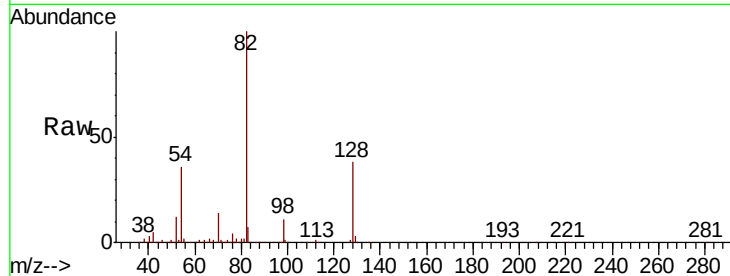
#23
 Nitrobenzene-d5
 Concen: 61.596 ng
 RT: 8.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.9	44.9
54	36.2	29.1	43.7

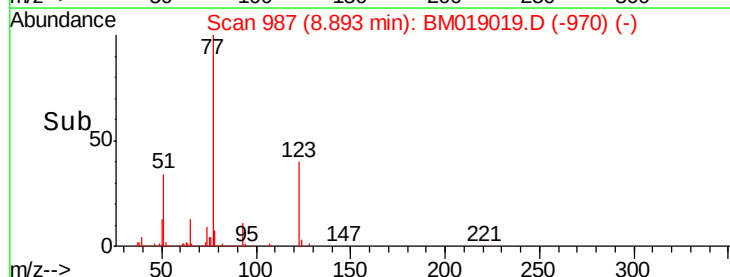
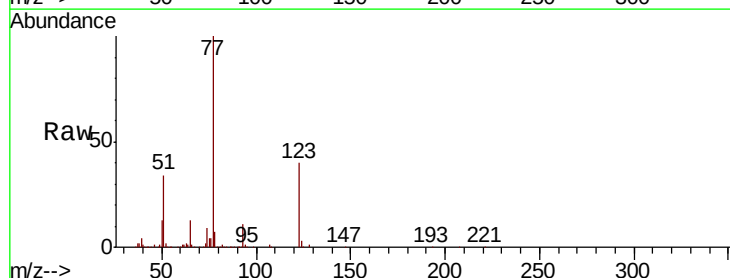
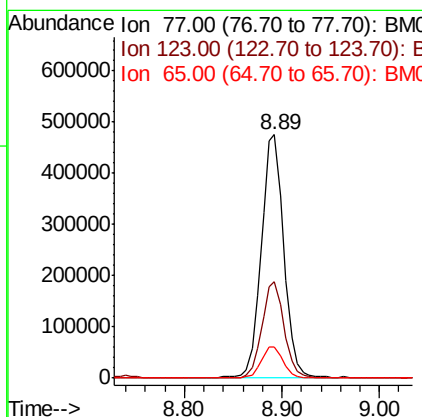
Manual Integrations
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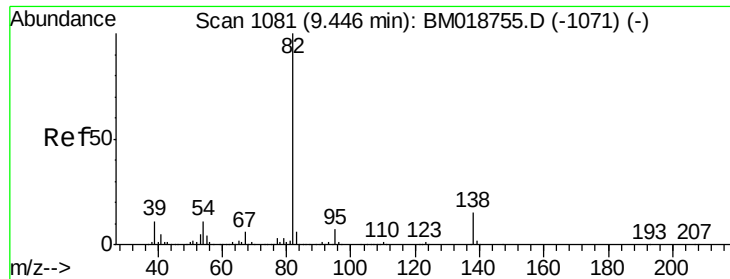
Sohil
 3/5/2019 5:23:53 PM



#24
 Nitrobenzene
 Concen: 29.820 ng
 RT: 8.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	30.7	46.1
65	13.0	10.5	15.7





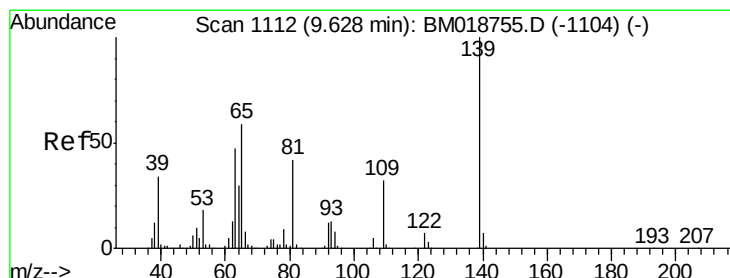
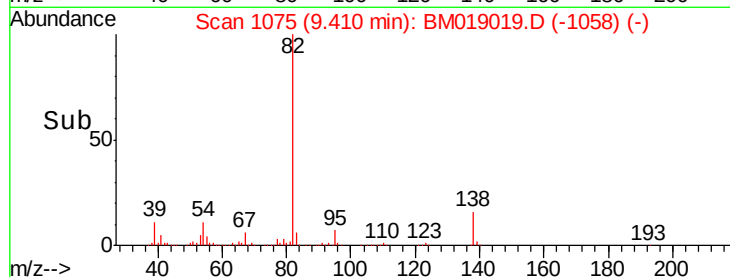
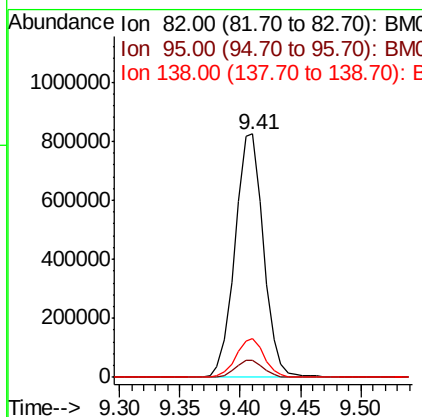
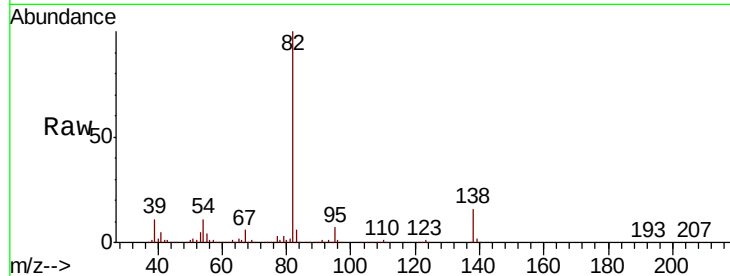
#25
Isophorone
Concen: 34.134 ng
RT: 9.41 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	82	Resp	1361160
Ion Ratio	100	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	15.8	12.3	18.5

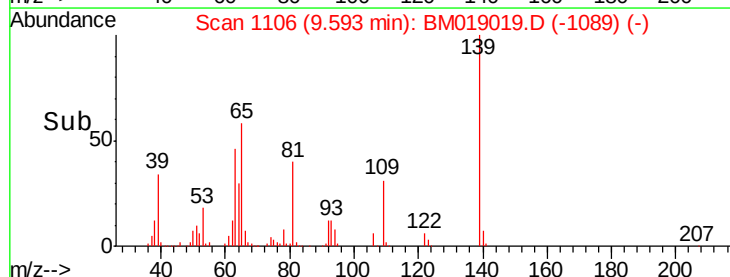
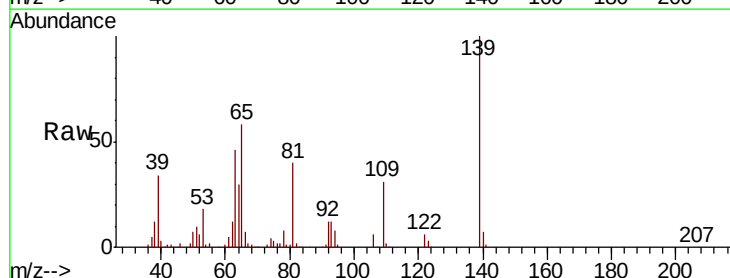
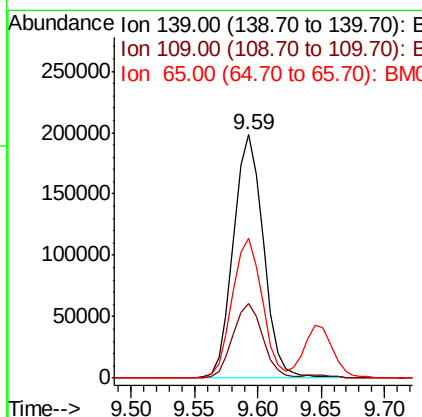
Manual Integrations
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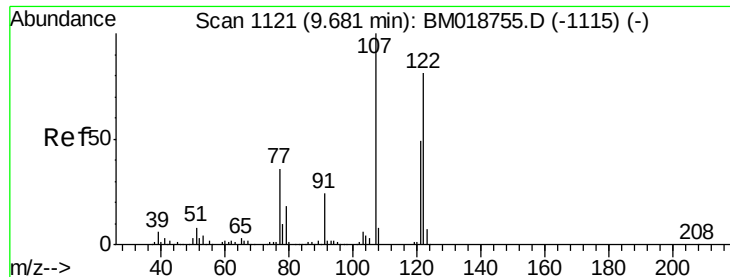
Sohil
3/5/2019 5:23:53 PM



#26
2-Nitrophenol
Concen: 31.517 ng
RT: 9.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	139	Resp	325596
Ion Ratio	100	Lower	Upper
139	100		
109	30.6	25.2	37.8
65	57.5	47.0	70.4





#27

2,4-Dimethylphenol

Concen: 36.384 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

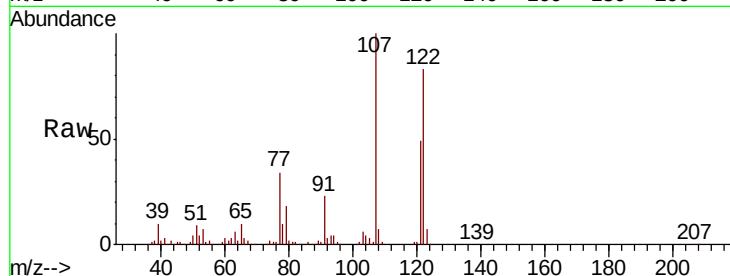
ClientSampled :

Z-2-4MSD

Tot Ion:	122	Resp:	548994
Ion Ratio	Lower	Upper	
122	100		
107	121.1	97.6	146.4
121	59.9	47.9	71.9

Manual Integrations
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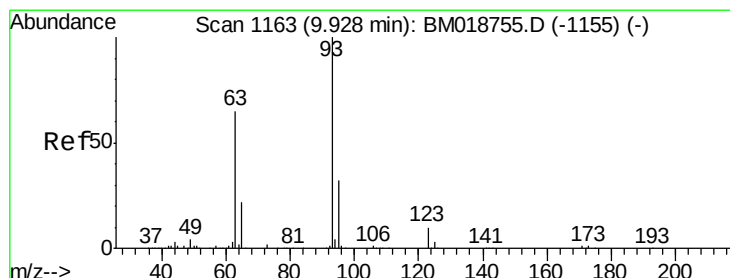
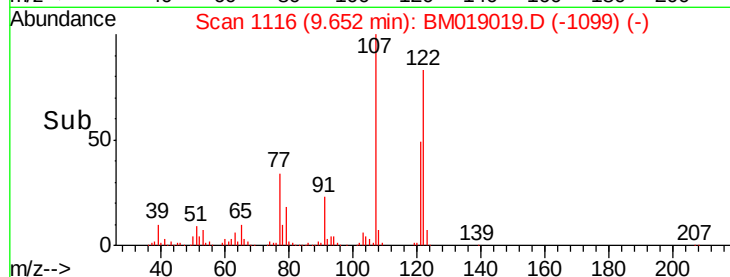
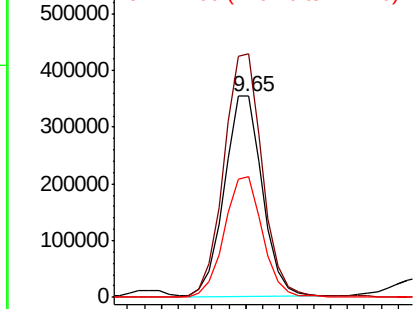


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.492 ng

RT: 9.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

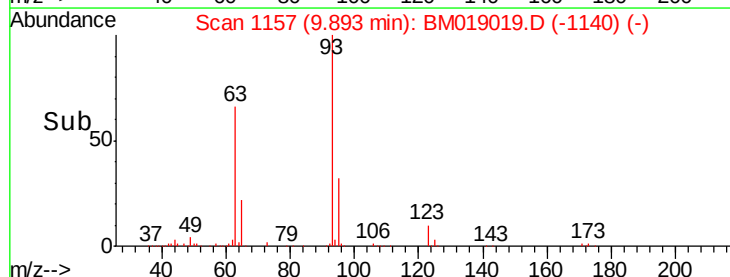
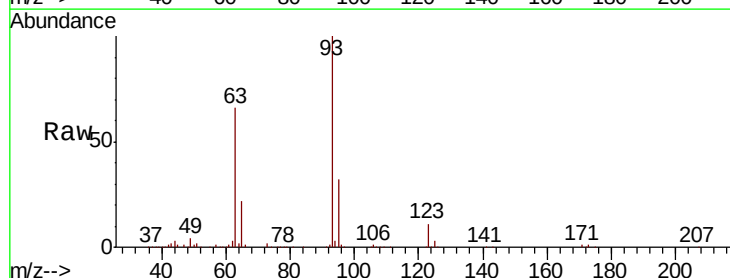
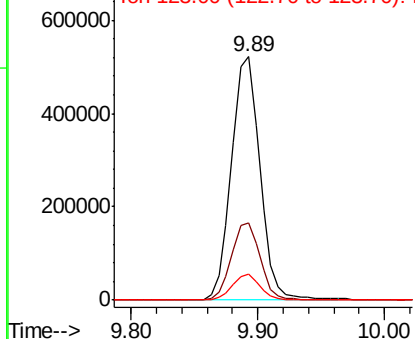
Tgt Ion:	93	Resp:	812072
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.6	38.4
123	10.6	8.2	12.4

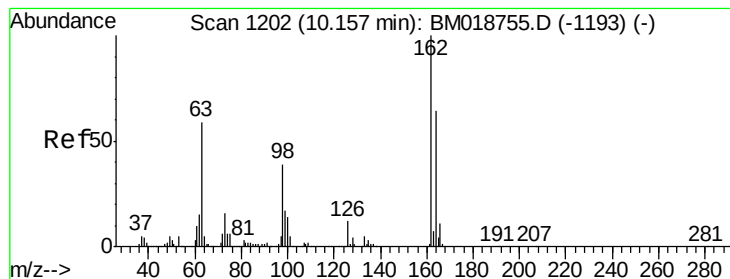
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 32.444 ng

RT: 10.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

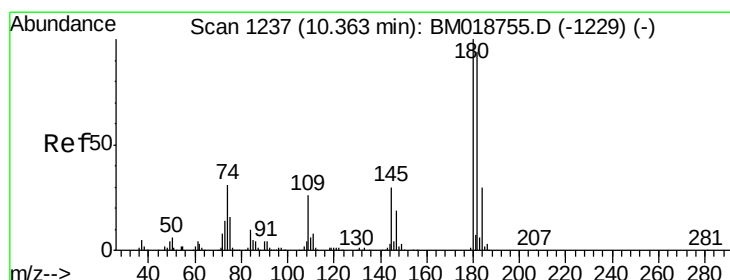
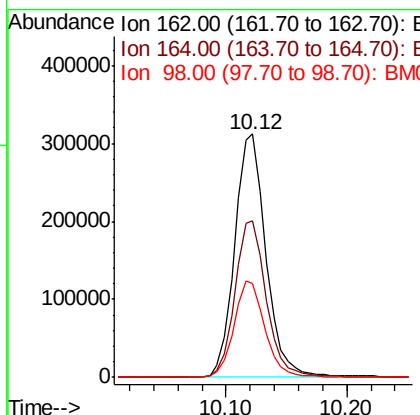
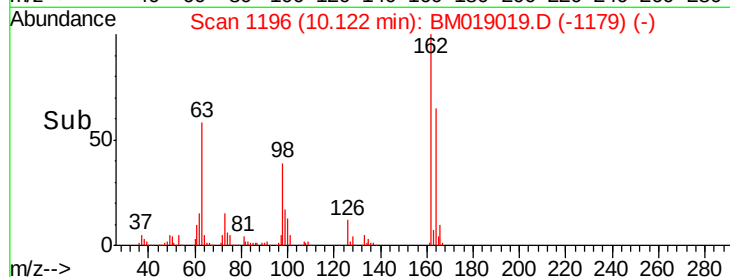
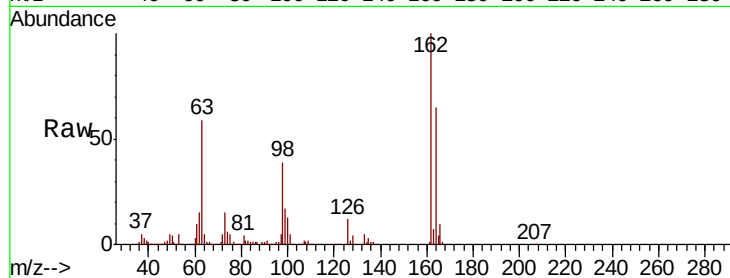
ClientSampleId :

Z-2-4MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.1	84.1
98	38.6	19.4	59.4

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#30

1,2,4-Trichlorobenzene

Concen: 29.250 ng

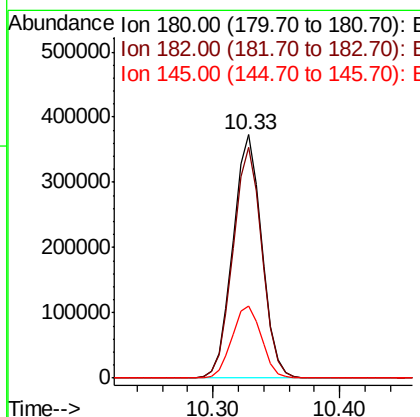
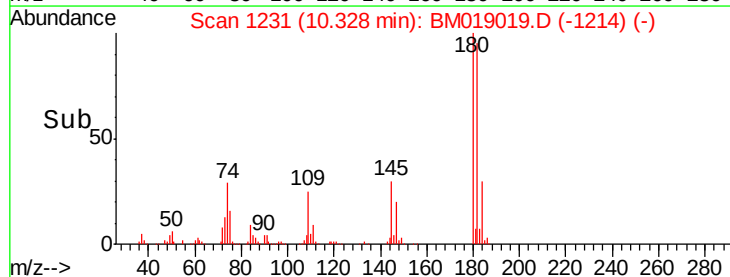
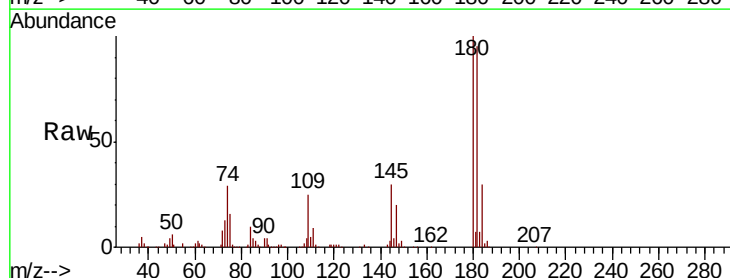
RT: 10.33 min Scan# 1231

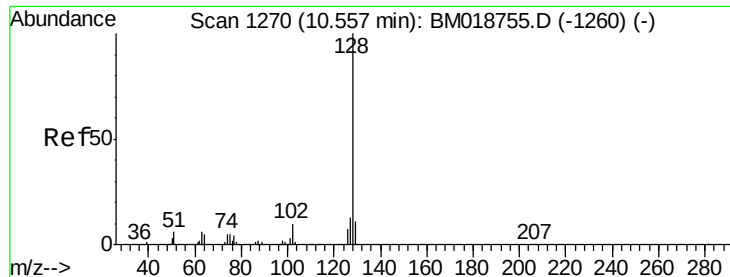
Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	75.0	112.6
145	29.6	24.1	36.1





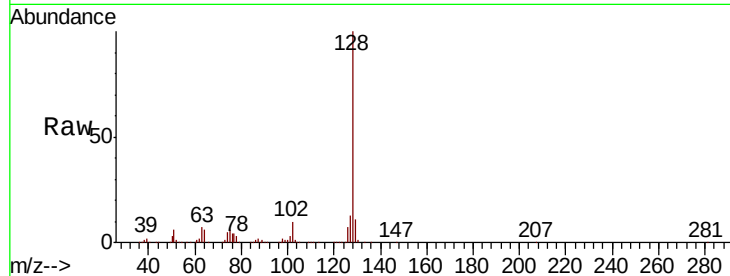
#31
Naphthalene
Concen: 32.095 ng
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.9	10.7	16.1

Manual Integrations
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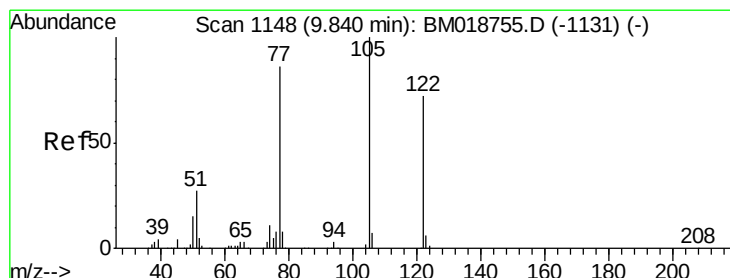
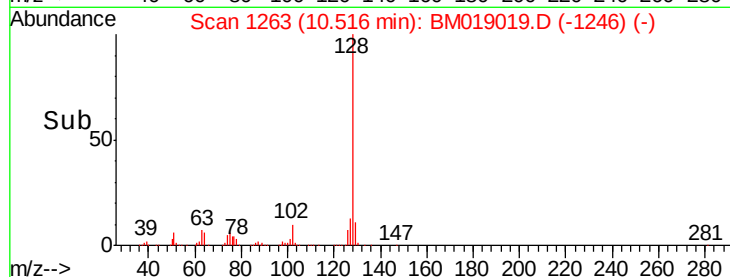
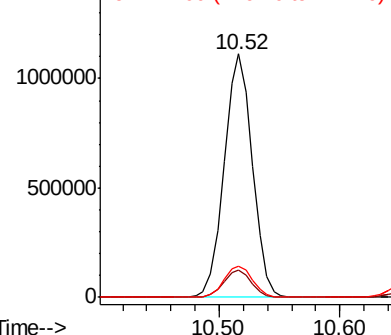


Abundance

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: 7.174 ng m
RT: 9.76 min Scan# 1135
Delta R.T. -0.07 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

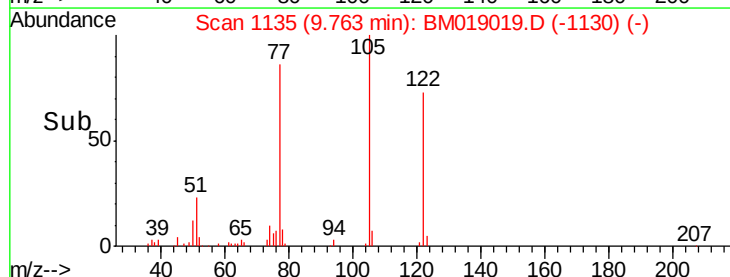
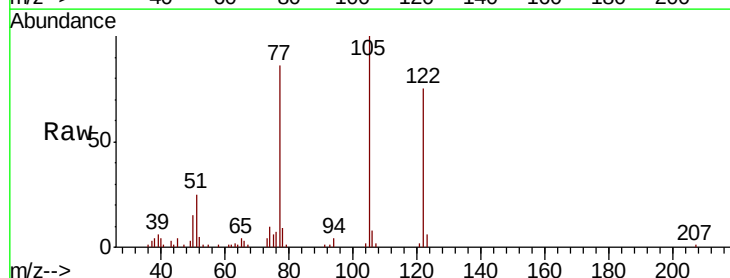
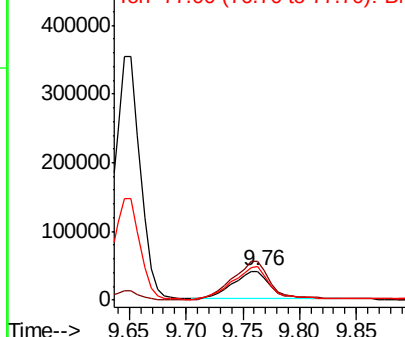
Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.1	117.5	157.5
77	115.9	98.5	138.5

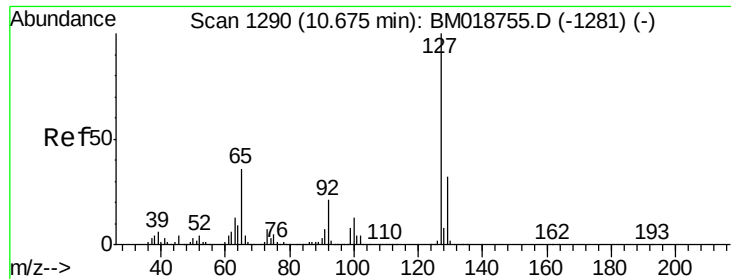
Abundance

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





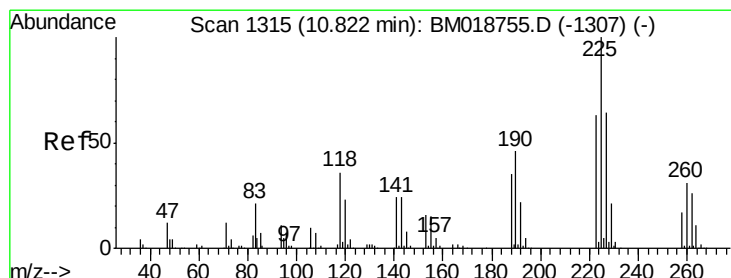
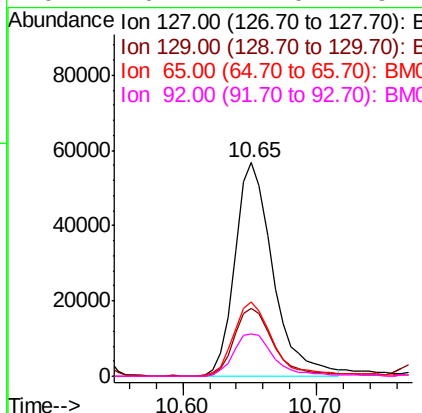
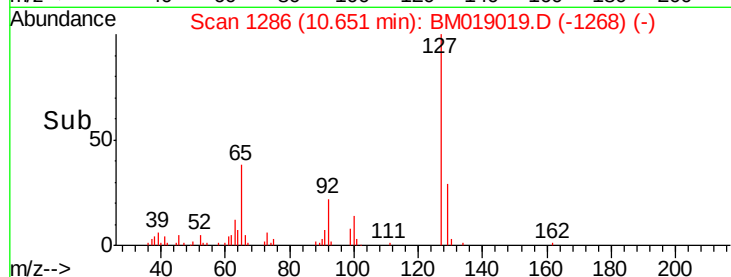
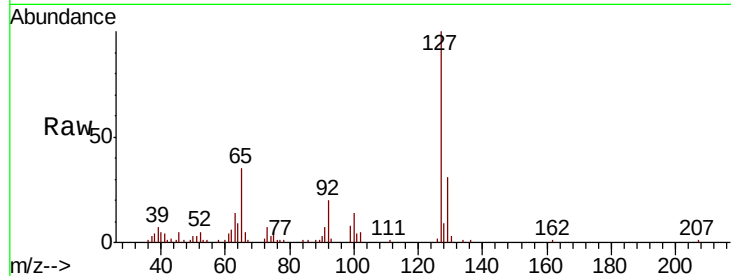
#33
4-Chloroaniline
Concen: 4.463 ng
RT: 10.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion:	127	Resp:	112426
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.7	38.5
65	34.9	28.7	43.1
92	20.1	17.0	25.4

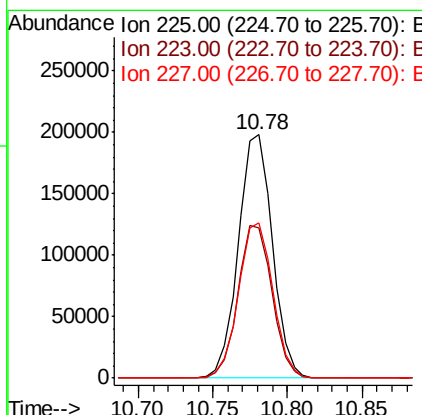
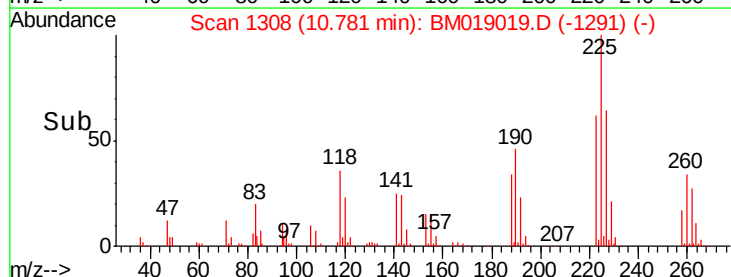
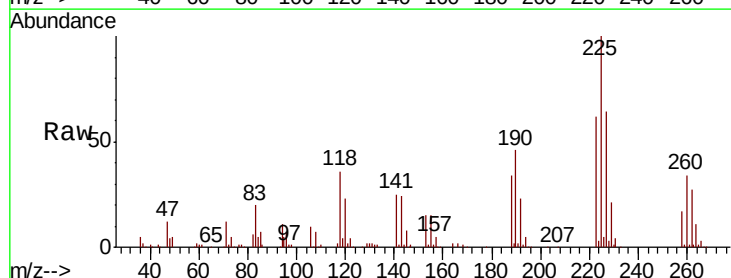
Manual Integrations
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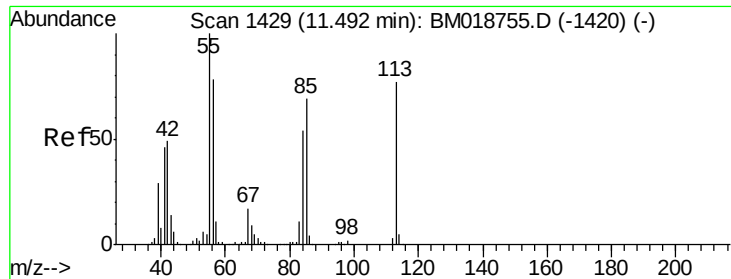
Sohil
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#34
Hexachlorobutadiene
Concen: 27.028 ng
RT: 10.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:	225	Resp:	313905
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.1	75.1
227	63.8	51.4	77.0





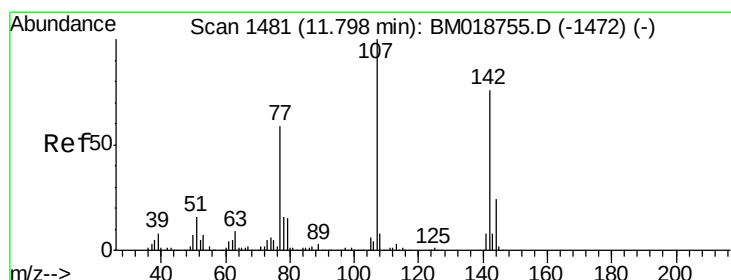
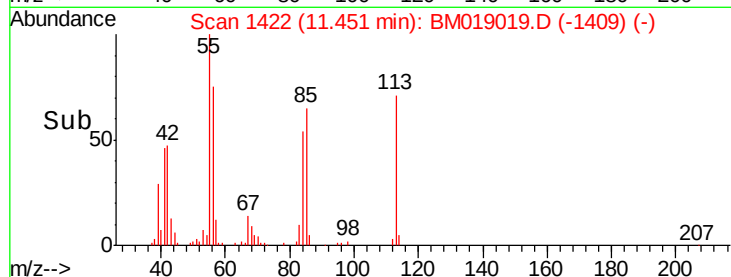
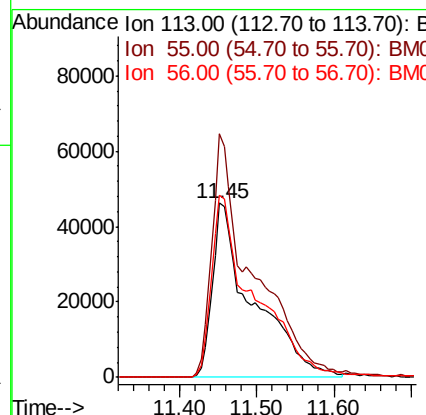
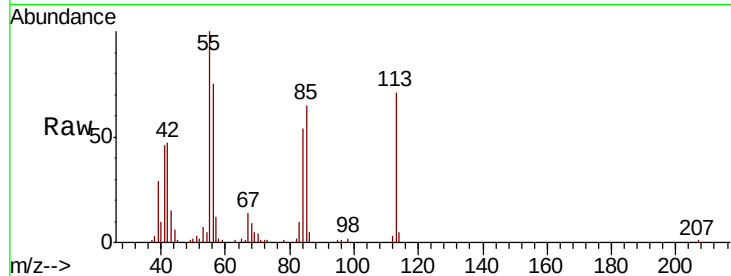
#35
 Caprolactam
 Concen: 23.828 ng/ml
 RT: 11.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.0	110.7	150.7
56	105.0	82.4	122.4

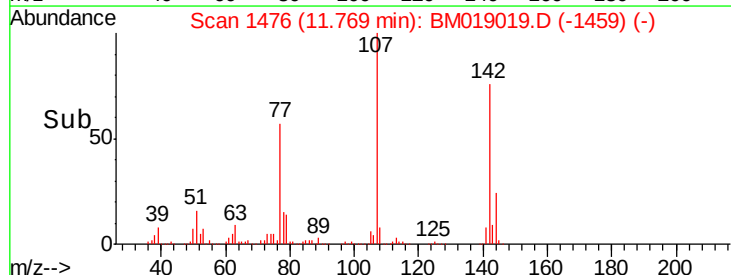
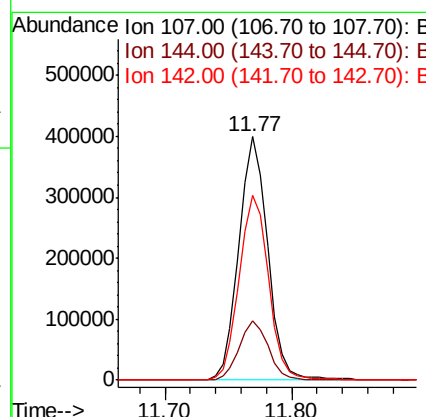
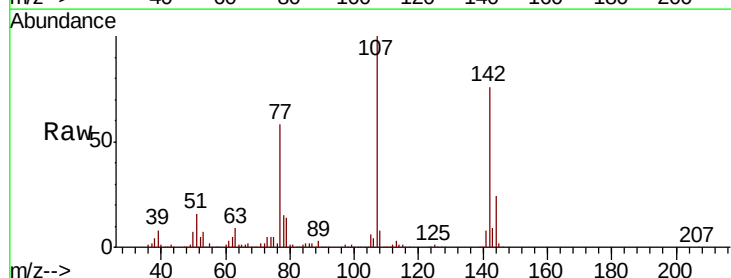
Manual Integrations
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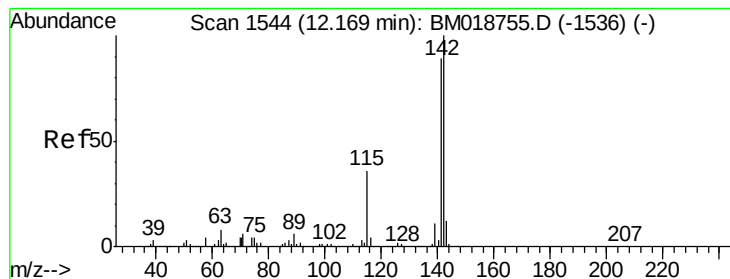
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 3/5/2019 5:23:53 PM



#36
 4-Chloro-3-methylphenol
 Concen: 30.182 ng/ml
 RT: 11.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	75.8	60.5	90.7





#37

2-Methylnaphthalene

Concen: 33.029 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampled :

Z-2-4MSD

Tot Ion:142 Resp: 1310609

Ion Ratio Lower Upper

142 100

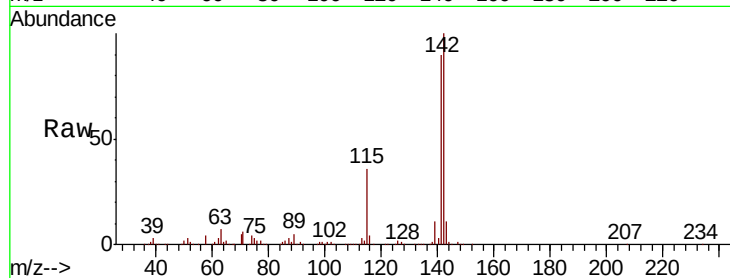
141 89.5 71.2 106.8

115 35.8 29.1 43.7

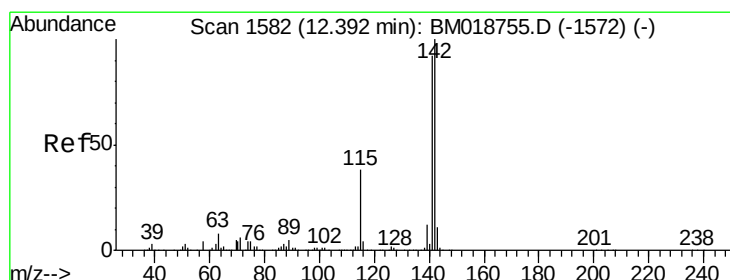
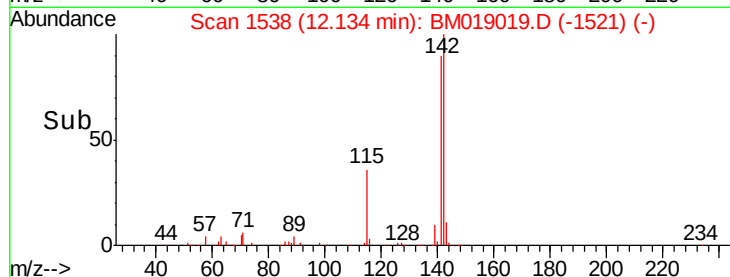
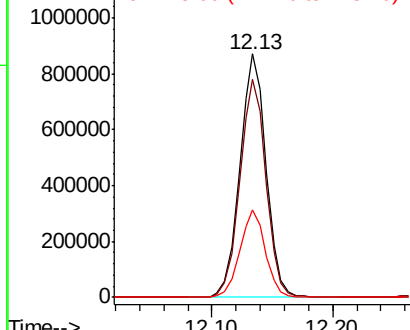
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 31.890 ng

RT: 12.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

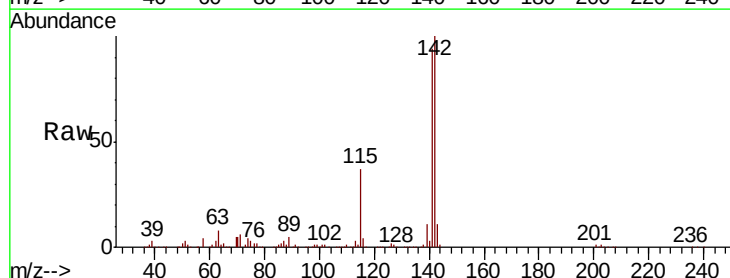
Tgt Ion:142 Resp: 1237409

Ion Ratio Lower Upper

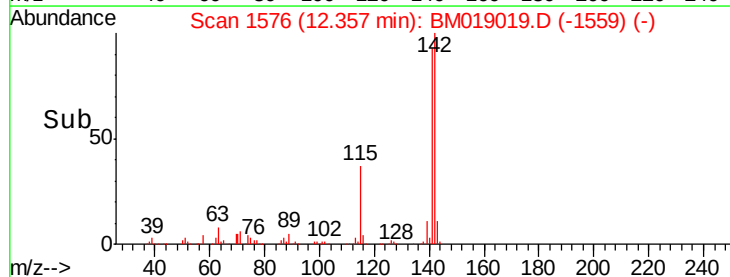
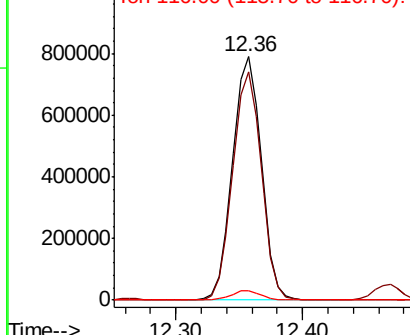
142 100

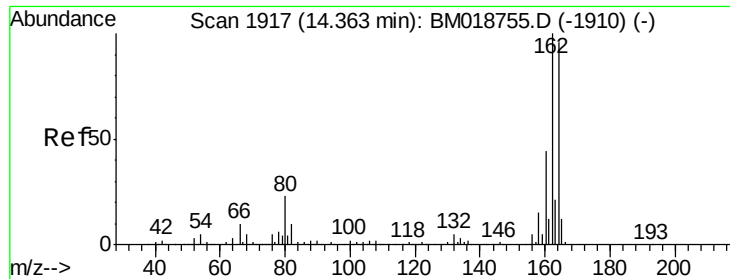
141 93.7 73.9 110.9

116 3.8 3.0 4.4



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





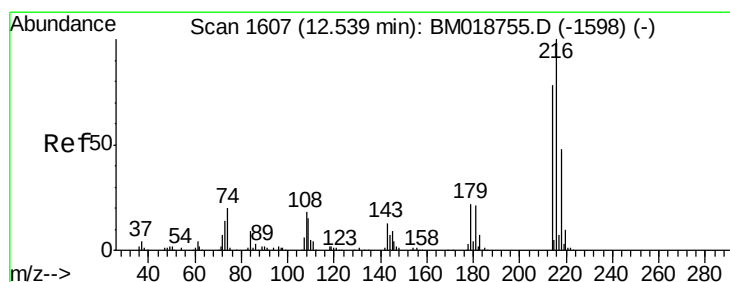
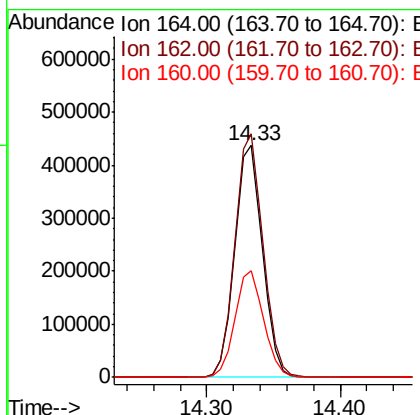
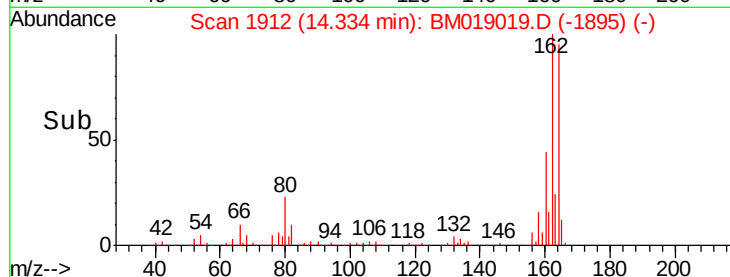
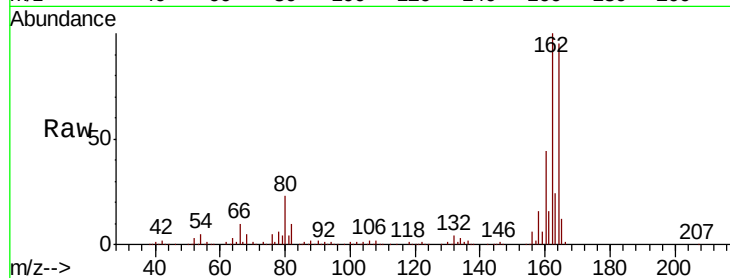
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.4	125.0
160	45.7	36.6	55.0

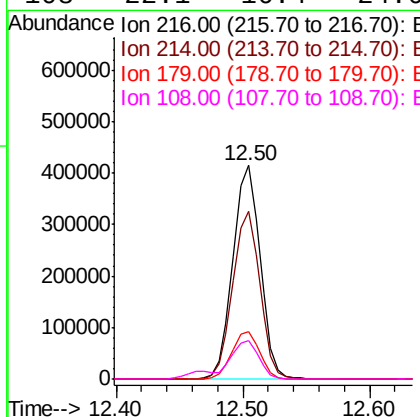
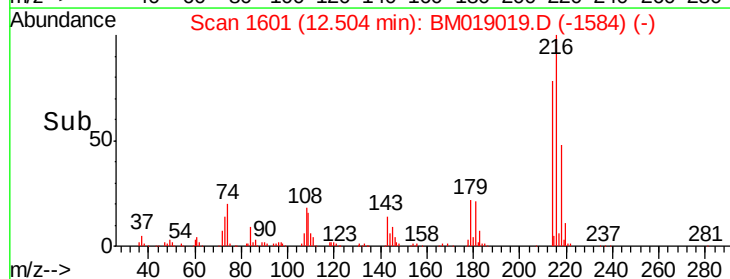
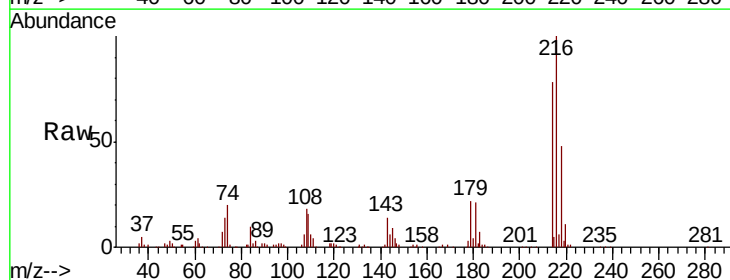
Manual Integrations
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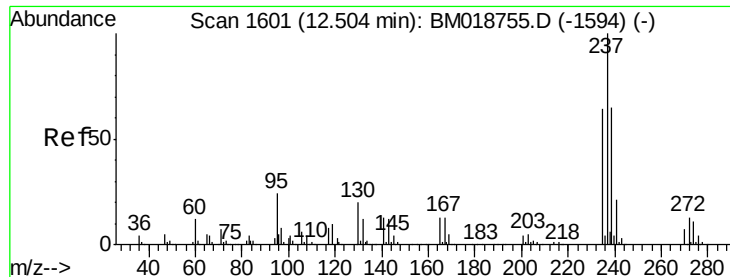
Sohil
3/5/2019 5:23:53 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.532 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.2	94.8
179	22.5	17.8	26.8
108	22.1	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 61.477 ng

RT: 12.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

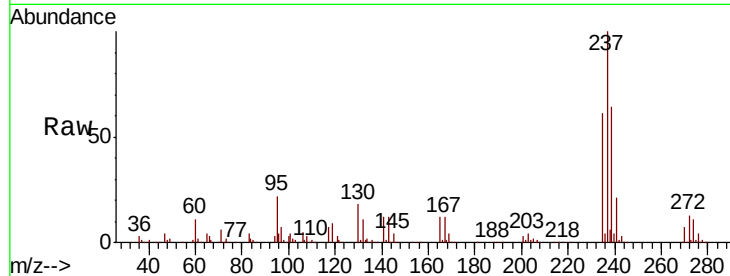
ClientSampleId :

Z-2-4MSD

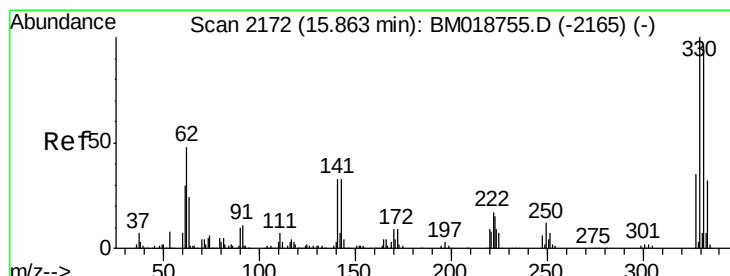
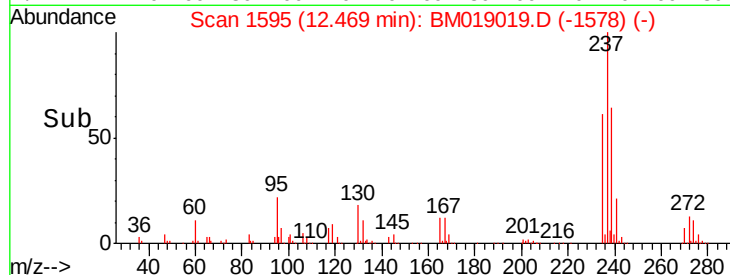
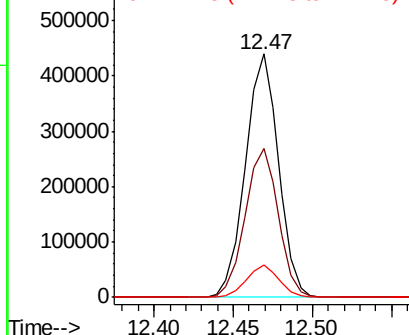
Tot Ion:	237	Resp:	635304
Ion Ratio	Lower	Upper	
237	100		
235	61.2	43.7	83.7
272	13.3	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 92.604 ng

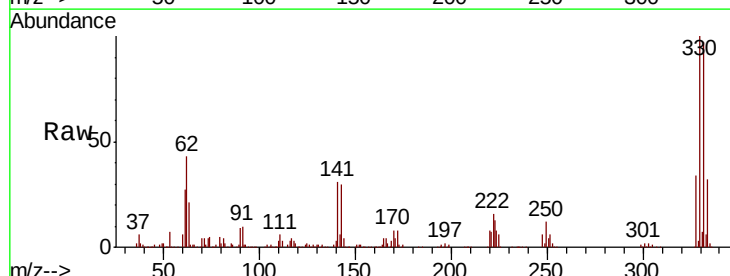
RT: 15.83 min Scan# 2167

Delta R.T. 0.00 min

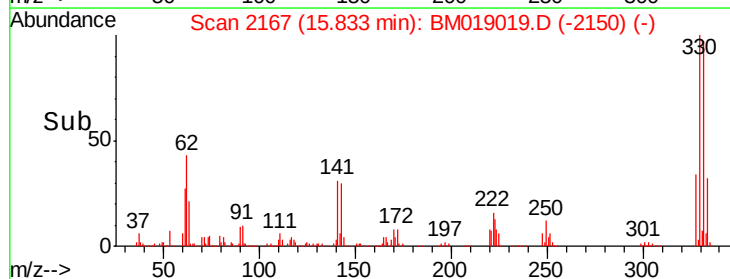
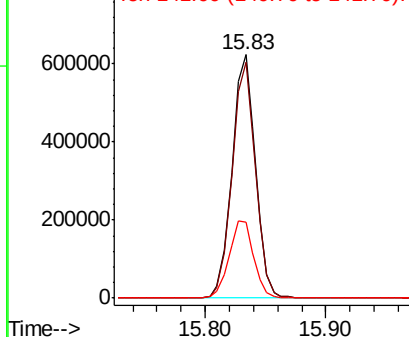
Lab File: BM019019.D

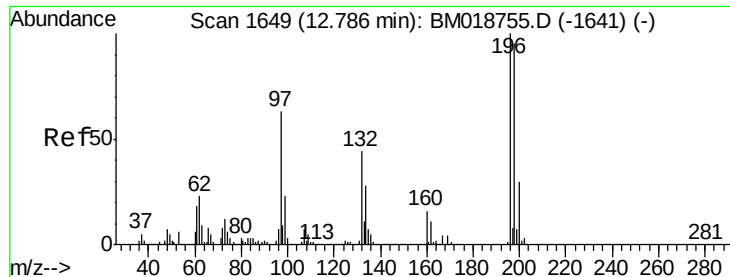
Acq: 04 Mar 2019 20:53

Tgt Ion:	330	Resp:	843435
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	33.5	28.7	43.1



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





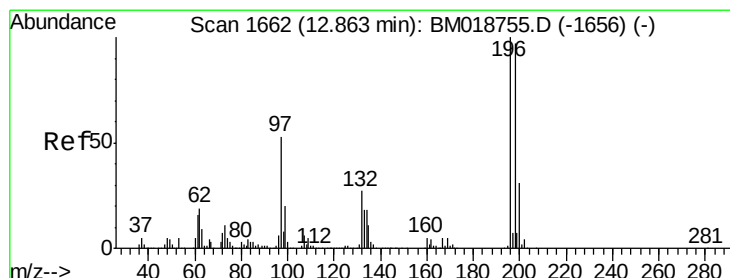
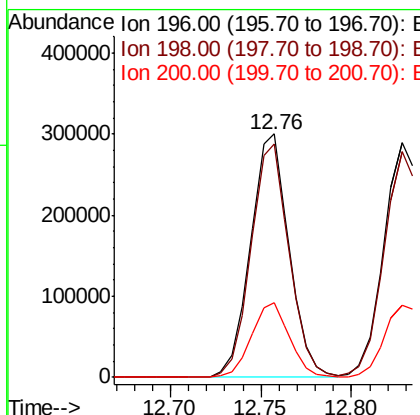
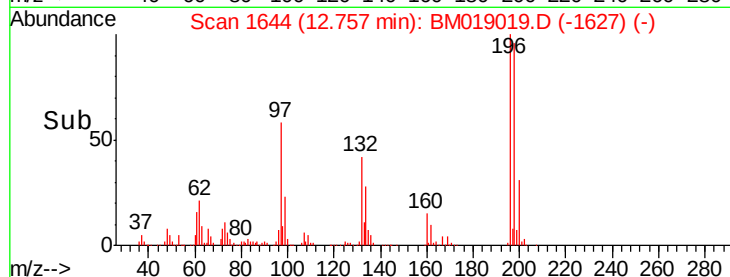
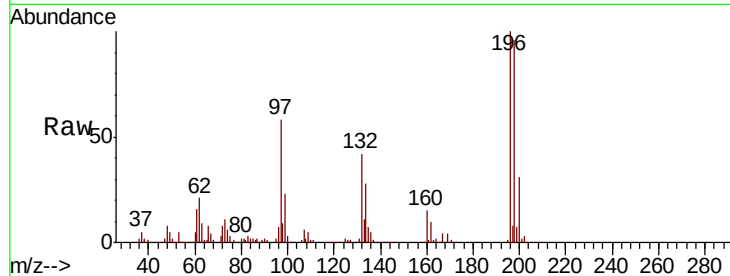
#43
 2,4,6-Trichlorophenol
 Concen: 32.996 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	441508		
198	96.0	76.2	114.2	
200	30.7	24.2	36.2	

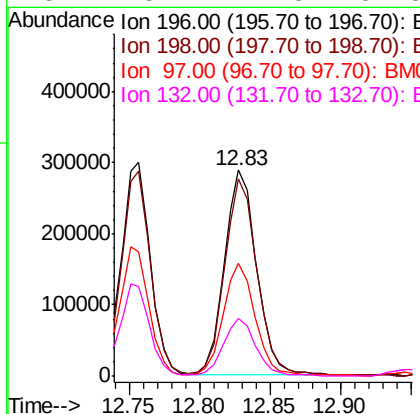
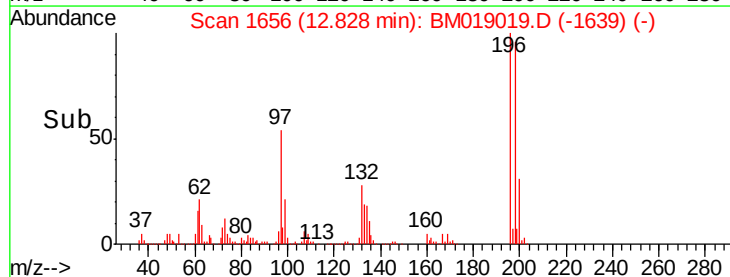
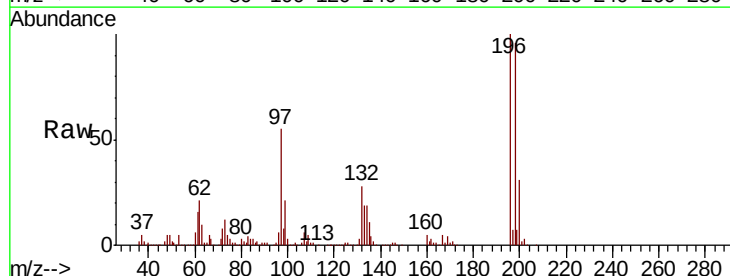
Manual Integrations
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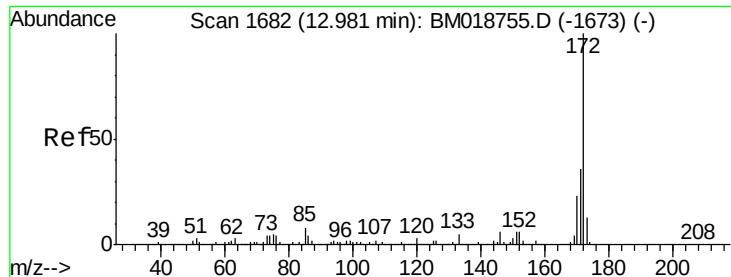
Sohil
 3/5/2019 5:23:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 32.353 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	453735		
198	96.0	77.6	116.4	
97	54.8	42.8	64.2	
132	28.1	21.8	32.8	





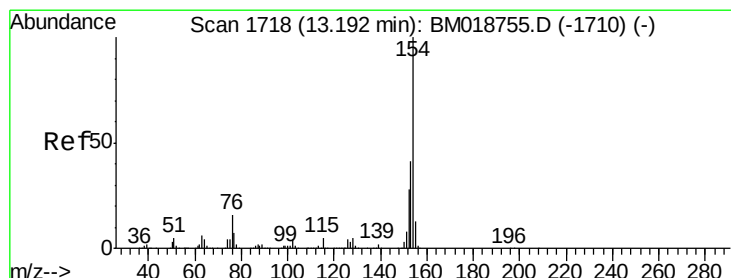
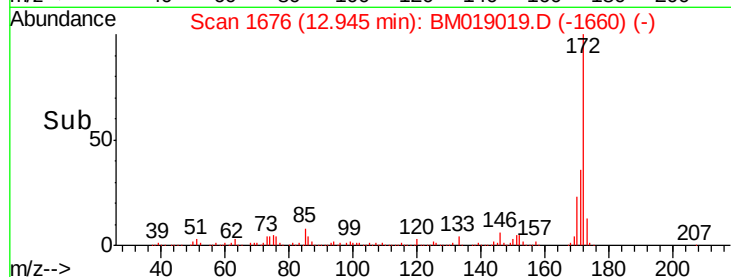
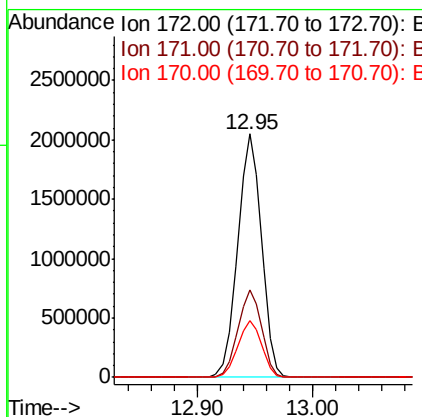
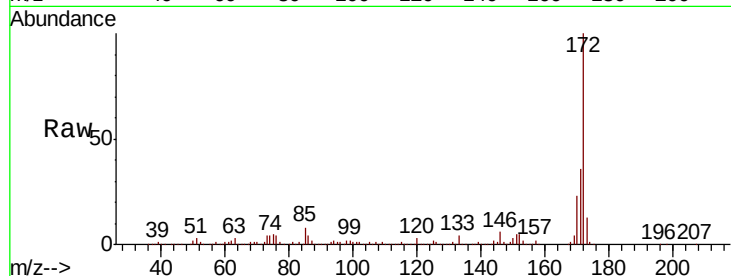
#45
2-Fluorobiphenyl
Concen: 61.216 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.4	18.6	28.0

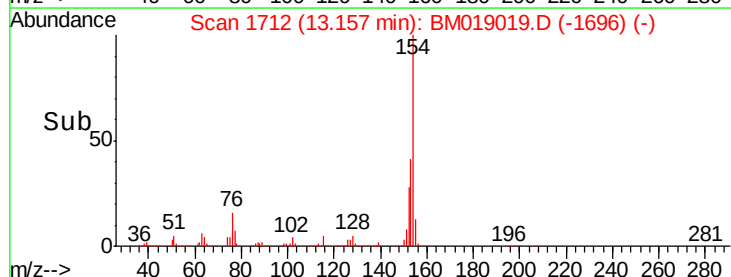
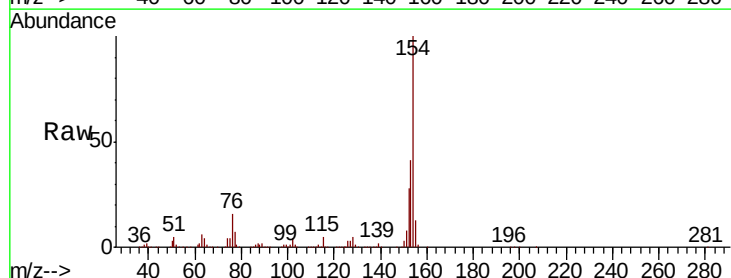
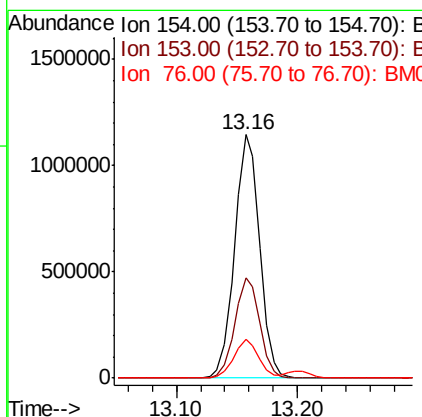
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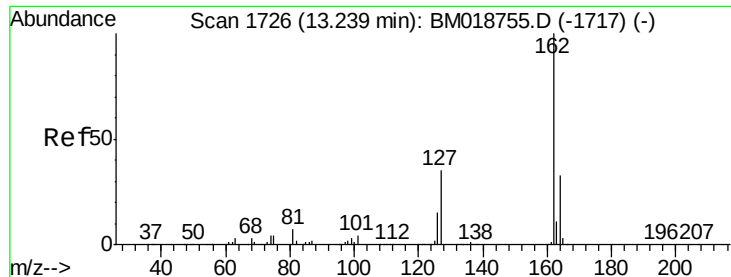
Sohil
3/5/2019 5:23:53 PM



#46
1,1'-Biphenyl
Concen: 30.433 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	15.8	0.0	35.7





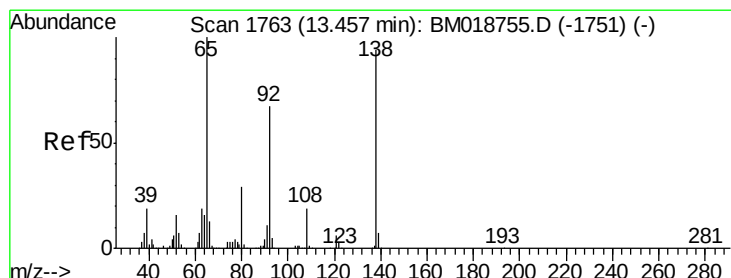
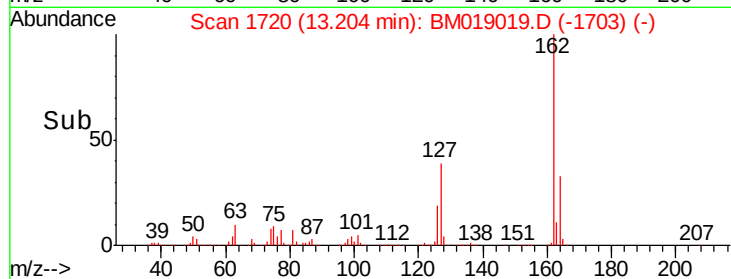
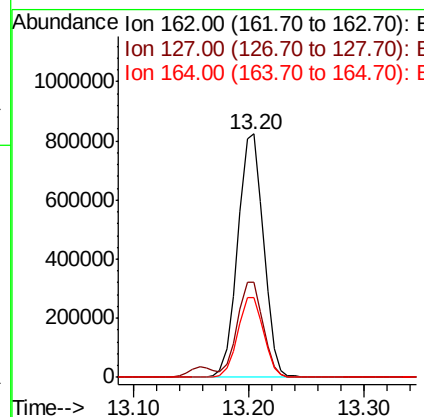
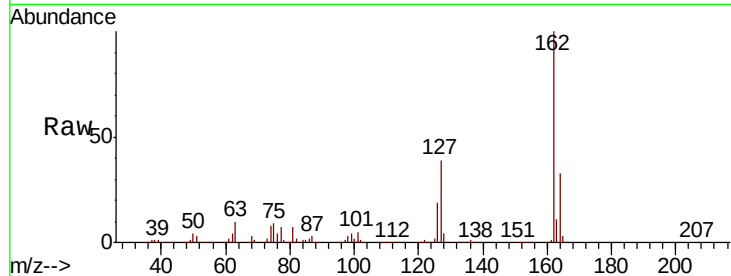
#47
 2-Chloronaphthalene
 Concen: 30.389 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampled :
 Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.1	46.7
164	32.7	26.4	39.6

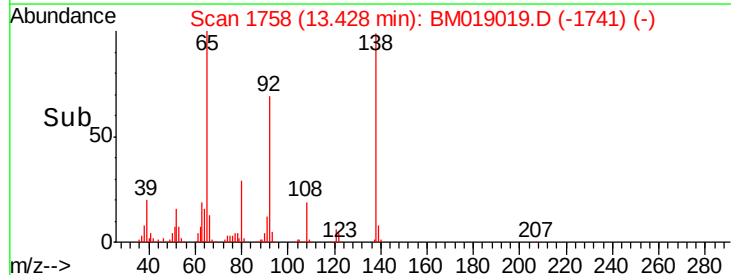
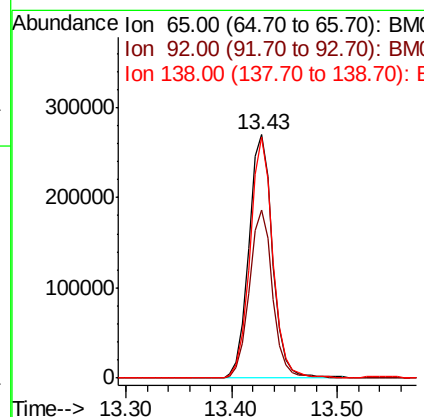
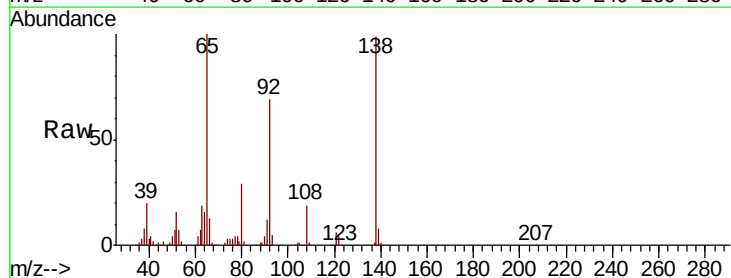
Manual Integrations
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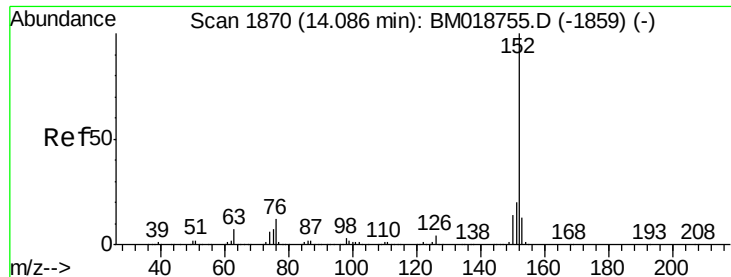
Sohil
 3/5/2019 5:23:53 PM



#48
 2-Nitroaniline
 Concen: 30.285 ng
 RT: 13.43 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.0	81.0
138	98.9	74.9	112.3





#49

Acenaphthylene

Concen: 32.604 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

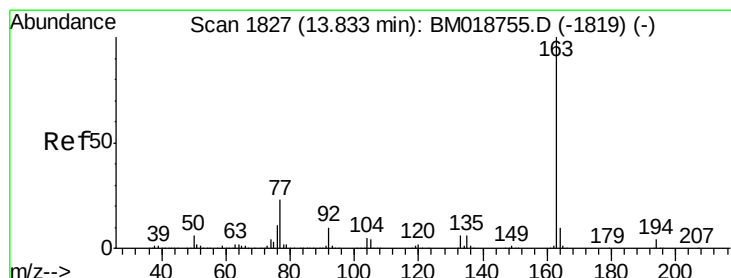
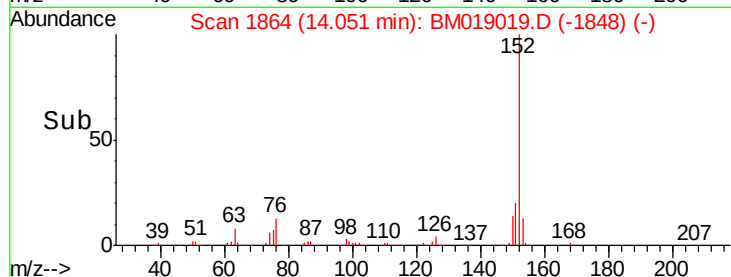
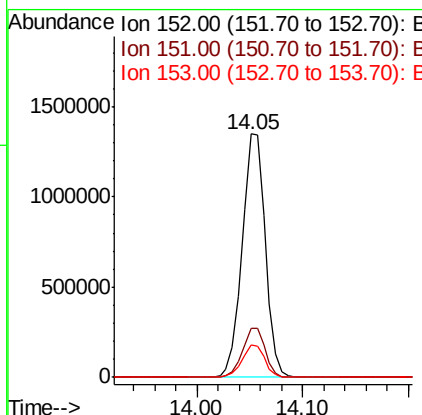
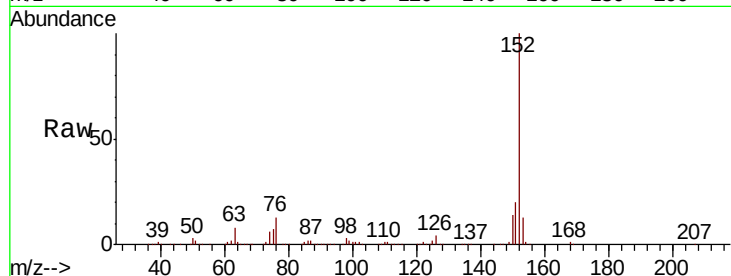
ClientSampleId :

Z-2-4MSD

Tot Ion:	152	Resp:	2039410
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 34.281 ng

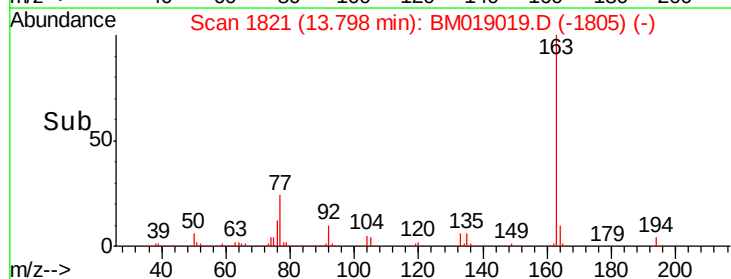
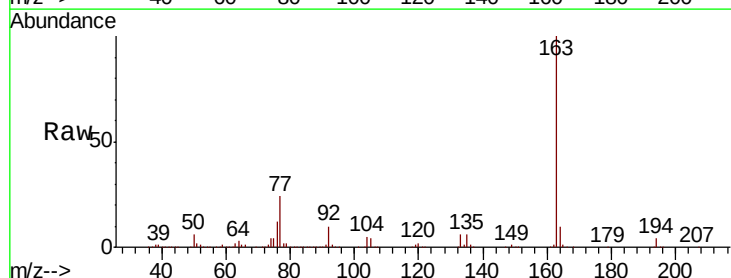
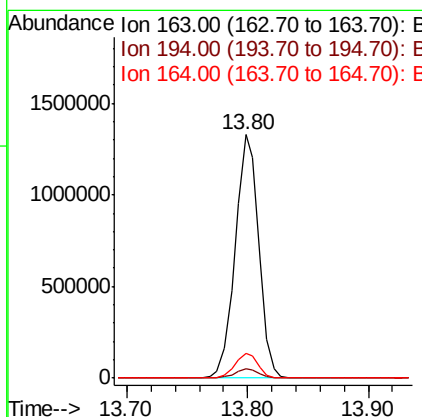
RT: 13.80 min Scan# 1821

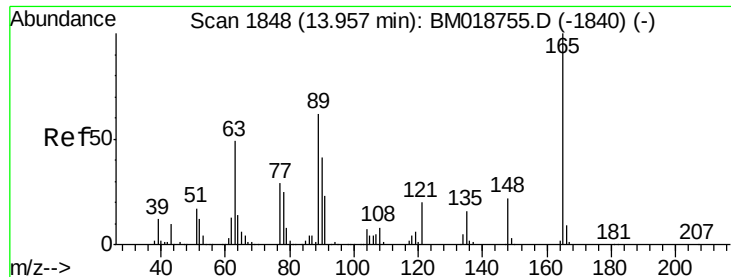
Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:	163	Resp:	1805165
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	7.8	11.8





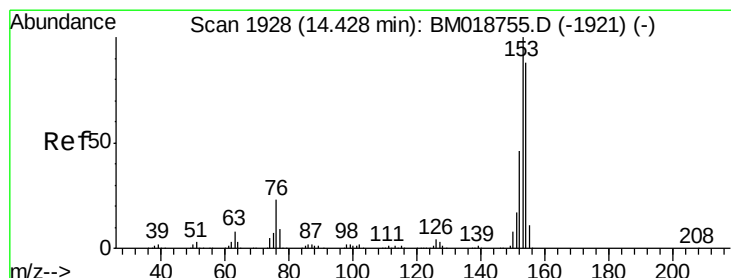
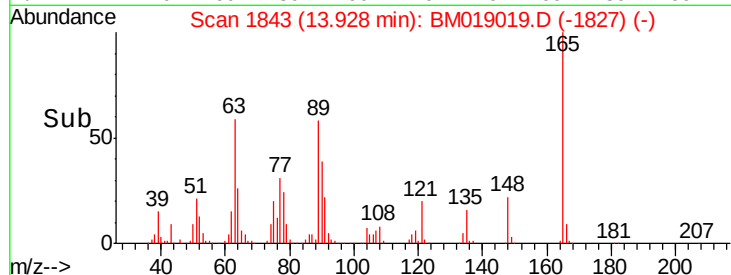
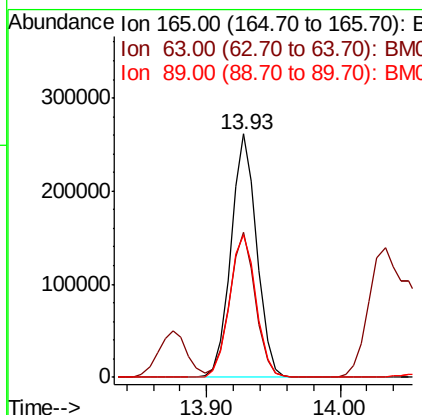
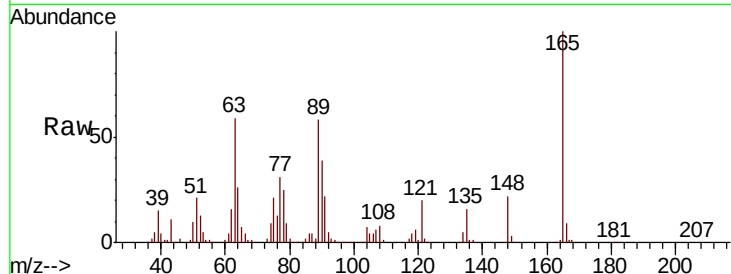
#51
 2,6-Dinitrotoluene
 Concen: 30.846 ng
 RT: 13.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	351860		
63	59.5	48.9	73.3	
89	58.3	49.4	74.0	

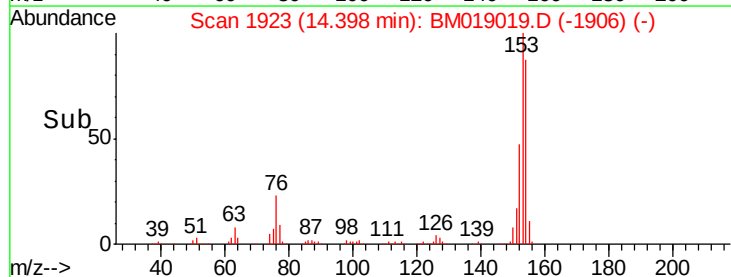
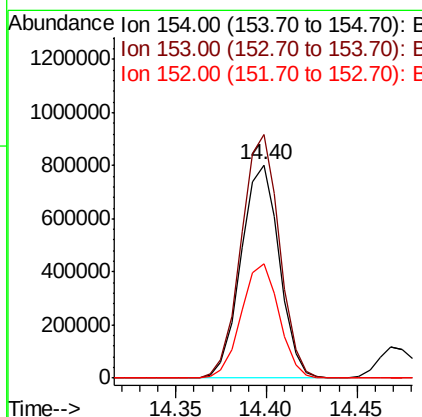
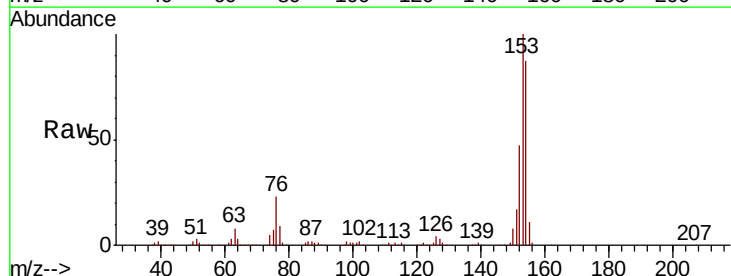
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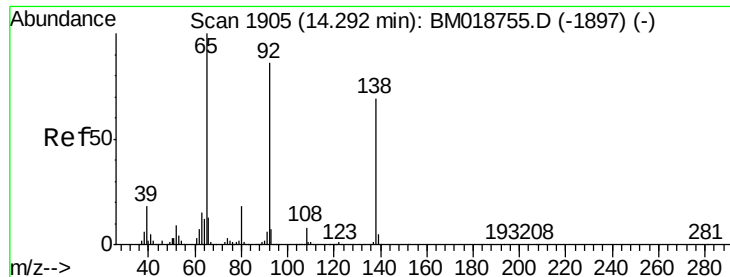
Sohil
 3/5/2019 5:23:53 PM



#52
 Acenaphthene
 Concen: 30.719 ng
 RT: 14.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1178231		
153	114.4	91.3	136.9	
152	53.4	42.2	63.4	





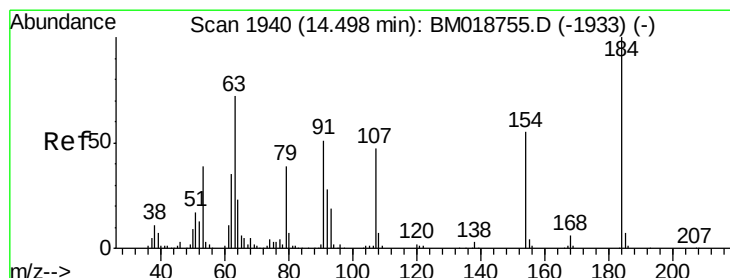
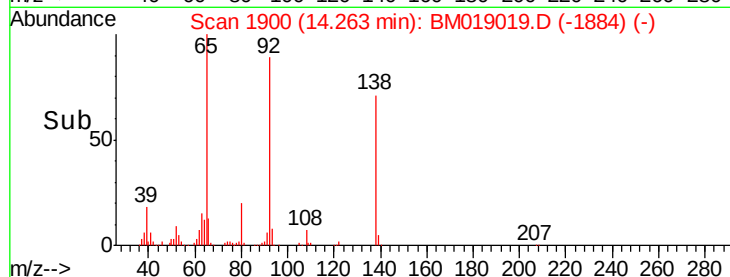
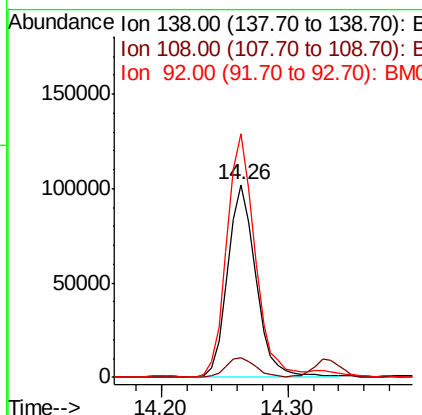
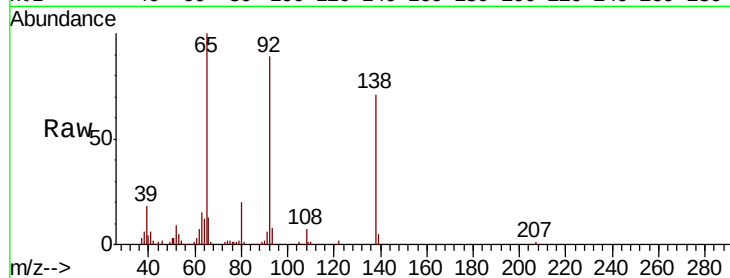
#53
3-Nitroaniline
Concen: 12.264 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	126.4	99.7	149.5

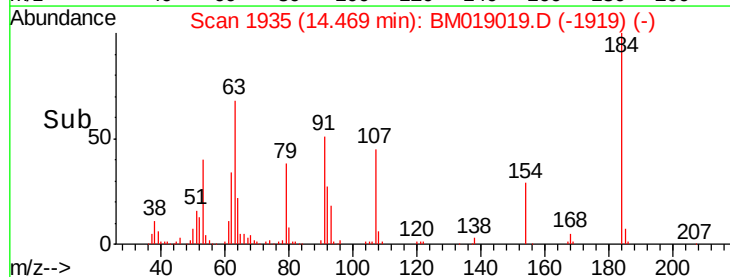
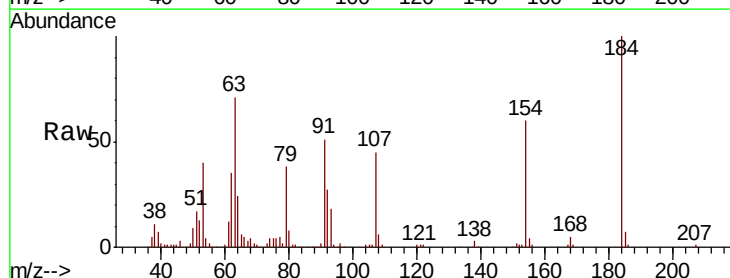
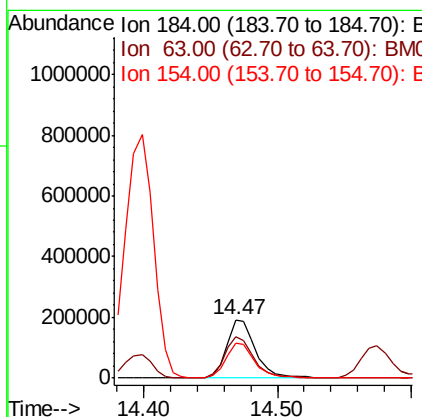
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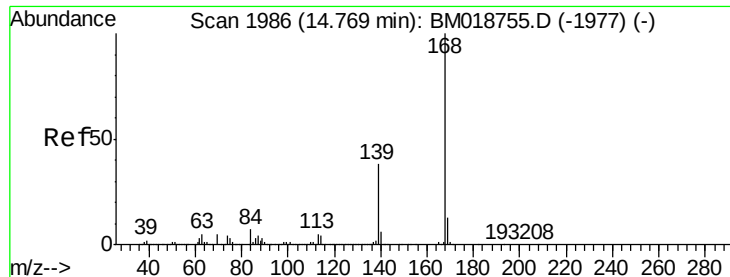
Sohil
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#54
2,4-Dinitrophenol
Concen: 43.230 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.5	58.0	87.0
154	60.0	50.3	75.5





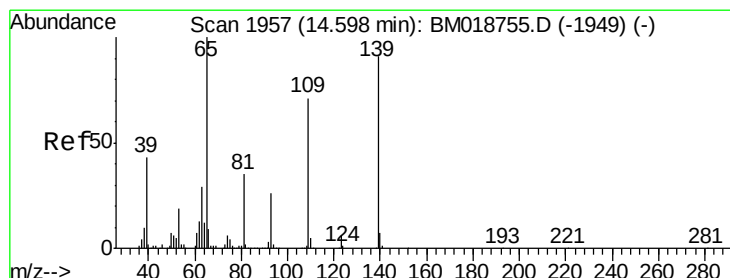
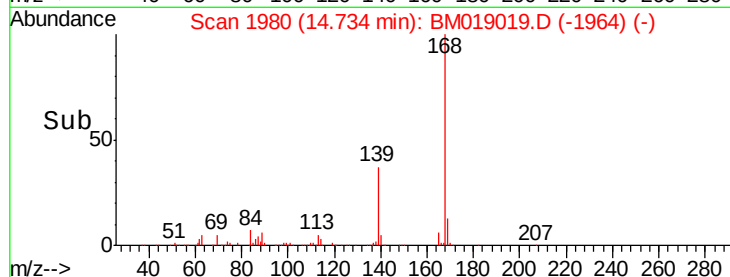
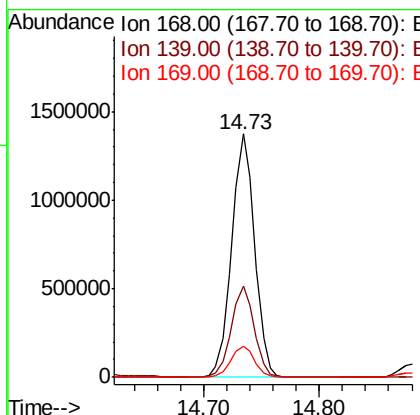
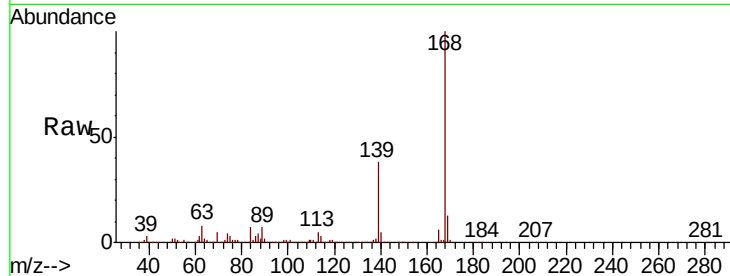
#55
Dibenzofuran
Concen: 29.999 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.7	46.1
169	13.0	10.3	15.5

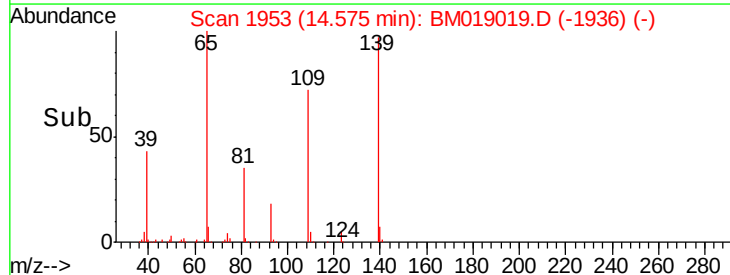
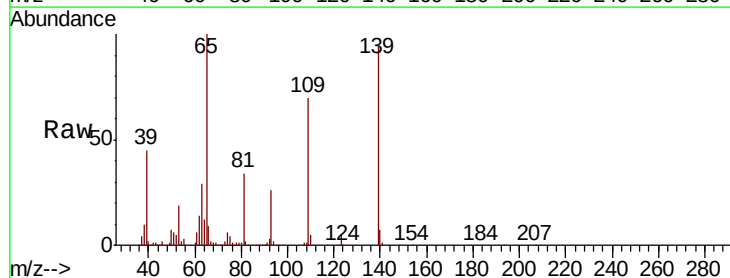
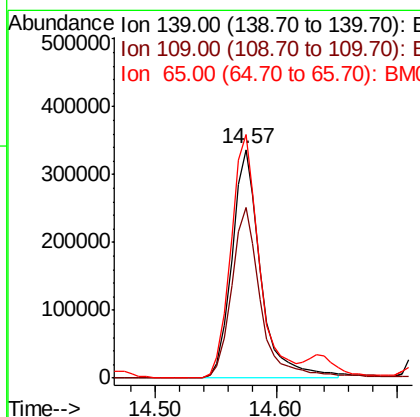
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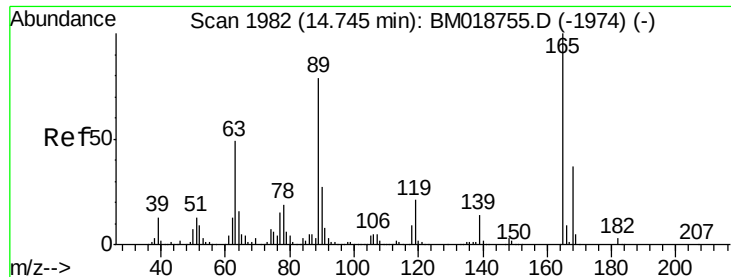
Sohil
3/5/2019 5:23:53 PM



#56
4-Nitrophenol
Concen: 54.285 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	58.4	98.4
65	106.5	89.8	129.8





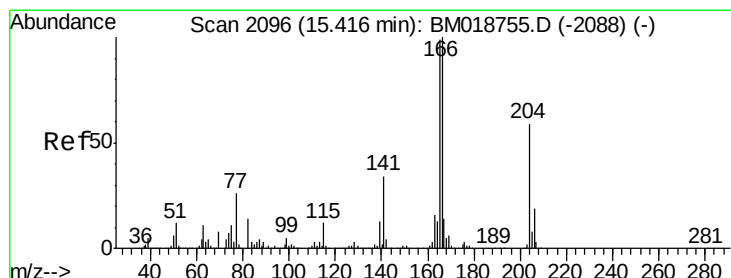
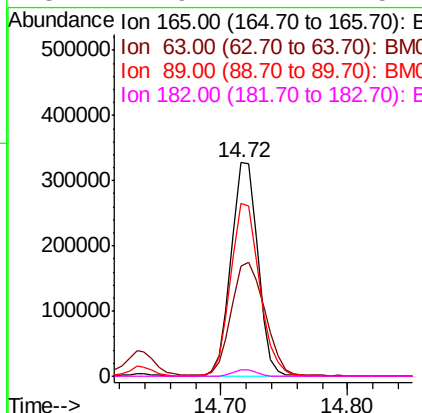
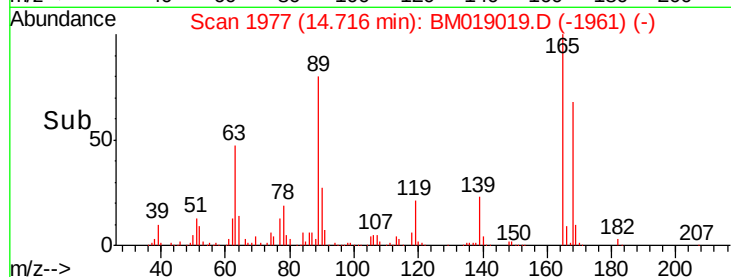
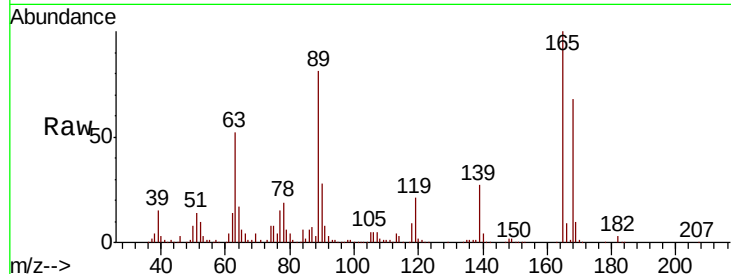
#57
 2,4-Dinitrotoluene
 Concen: 30.403 ng
 RT: 14.72 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampled :
 Z-2-4MSD

Tot Ion:	165	Resp:	477840
Ion Ratio	Lower	Upper	
165	100		
63	51.8	39.6	59.4
89	80.9	63.5	95.3
182	2.9	2.2	3.4

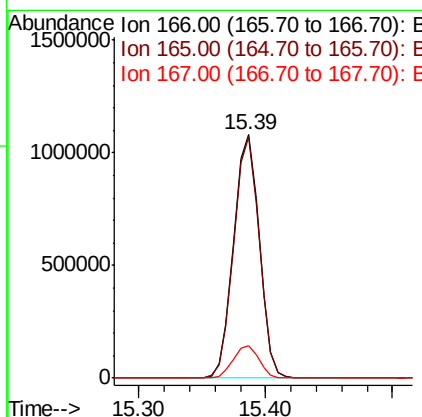
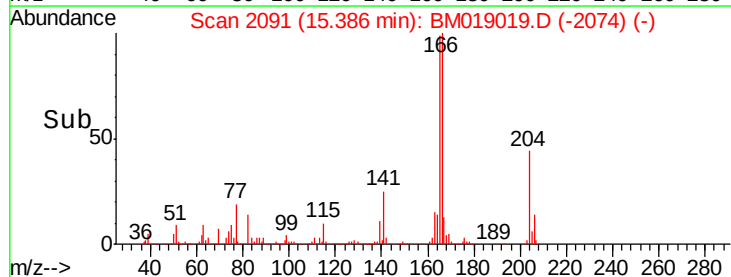
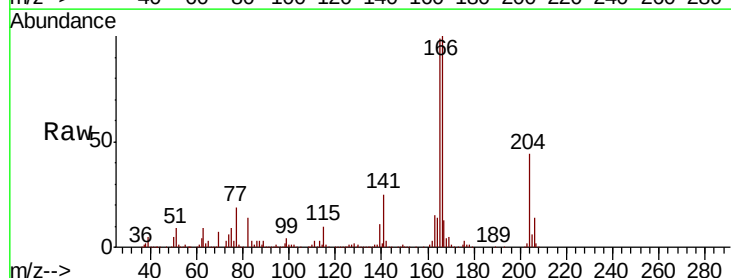
Manual Integrations
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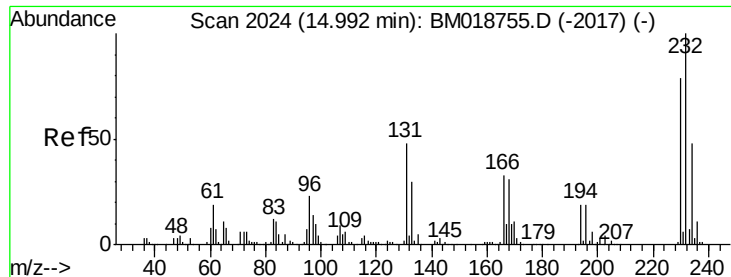
Sohil
 3/5/2019 5:23:53 PM



#58
 Fluorene
 Concen: 31.209 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion:	166	Resp:	1505205
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.1	118.7
167	13.3	11.0	16.4





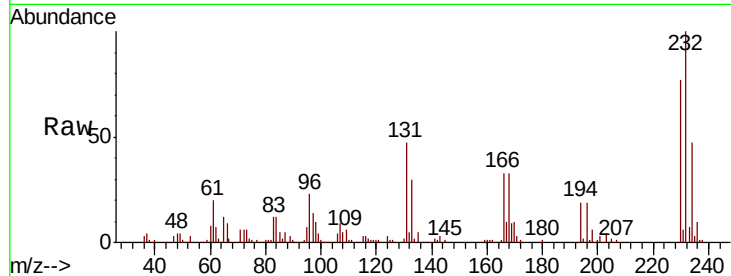
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.851 ng
RT: 14.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

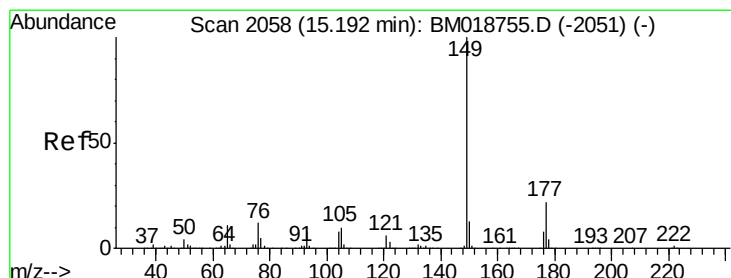
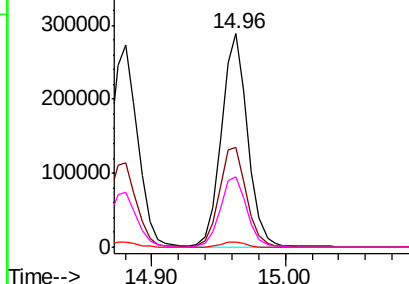
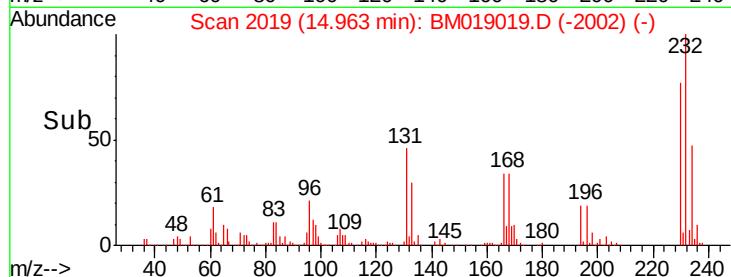
Tot Ion	Ratio	Resp	Lower	Upper
232	100	394841		
131	48.4	38.6	57.8	
130	2.5	2.0	3.0	
166	33.7	26.9	40.3	

Manual Integrations
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Sohil
3/5/2019 5:23:53 PM

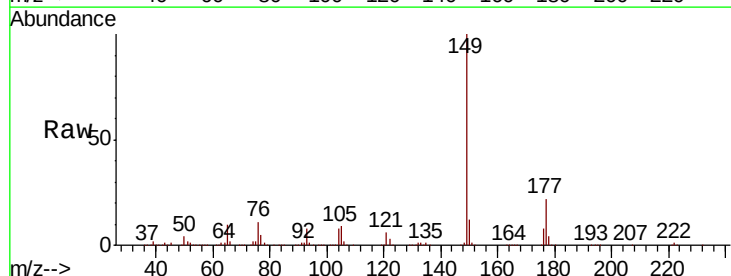


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

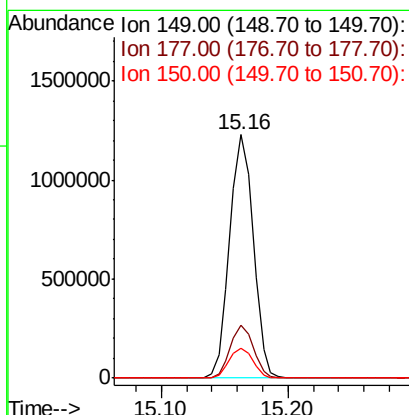
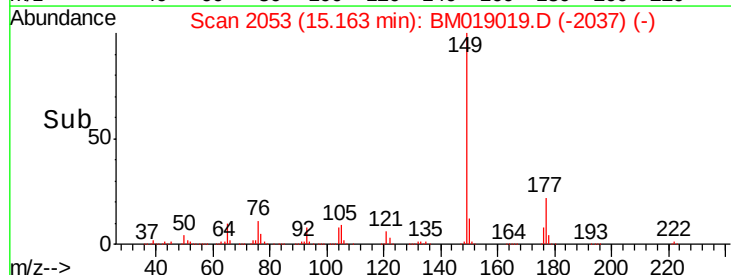


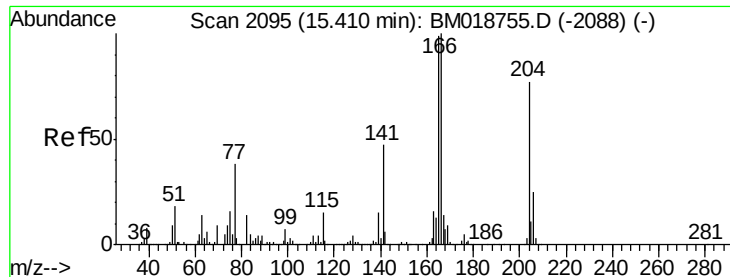
#60
Diethylphthalate
Concen: 29.252 ng
RT: 15.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1588928		
177	21.9	17.2	25.8	
150	12.4	10.2	15.2	



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





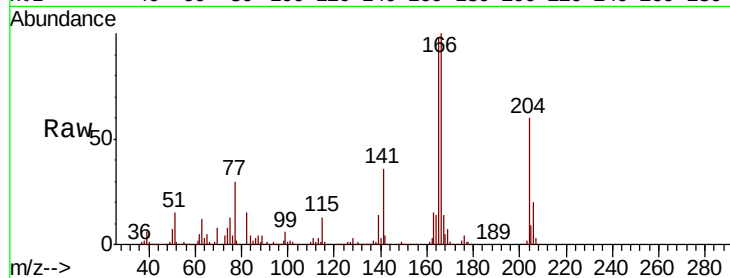
#61
4-Chlorophenyl-phenylether
Concen: 27.621 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	746914		
206	32.6	26.2	39.2	
141	59.8	49.2	73.8	

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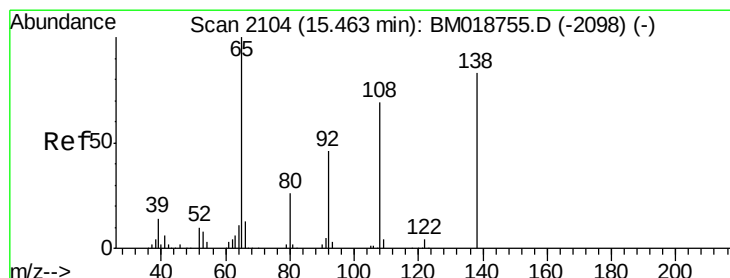
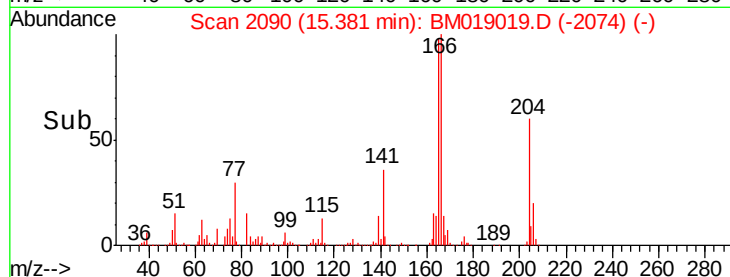
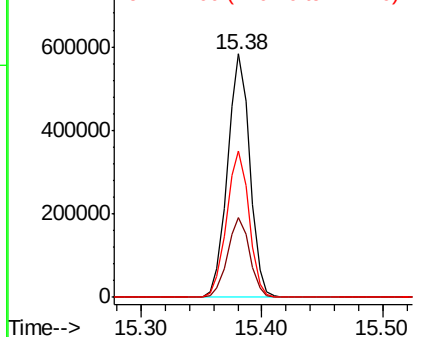


Abundance

Ion 204.00 (203.70 to 204.70): E

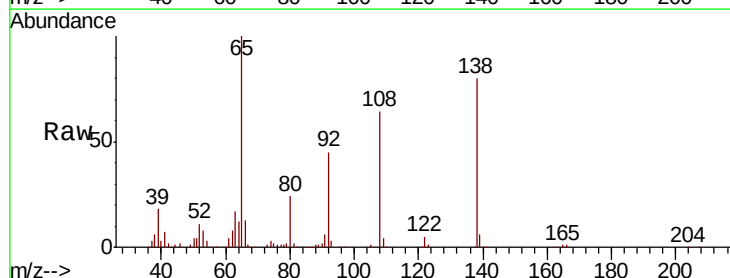
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 24.337 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	307506		
92	56.5	35.5	75.5	
108	80.5	62.4	102.4	

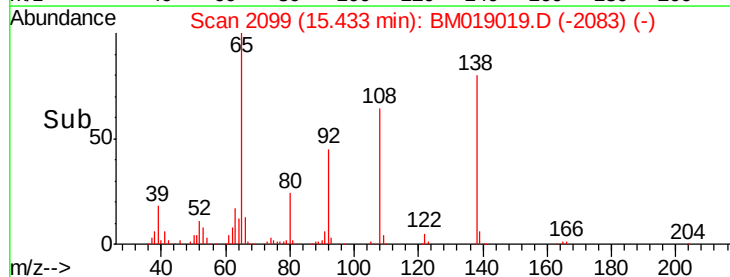
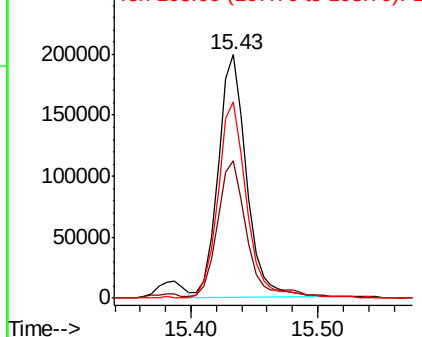


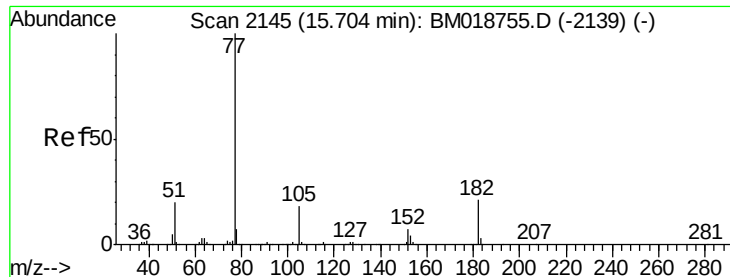
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





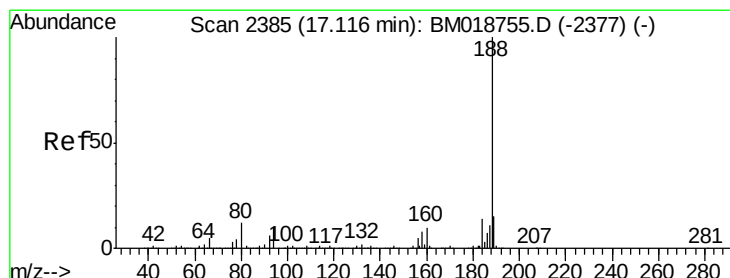
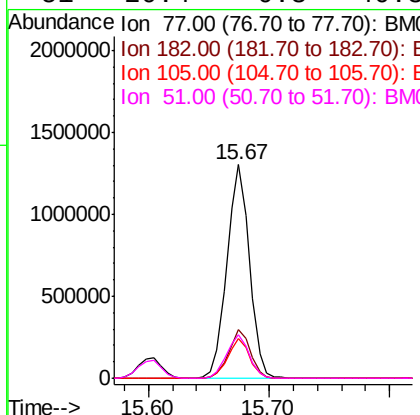
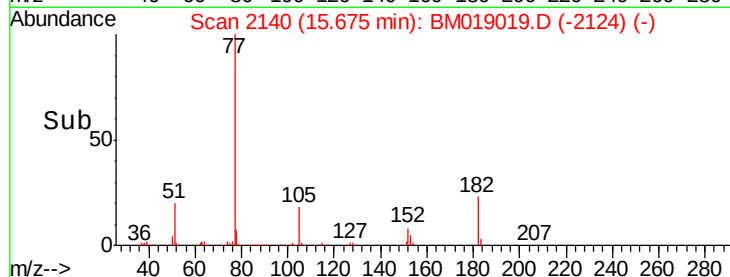
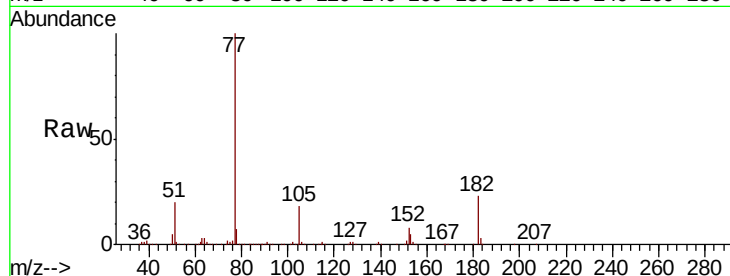
#63
Azobenzene
Concen: 28.855 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.0	41.0
105	18.3	0.0	37.7
51	20.4	0.3	40.3

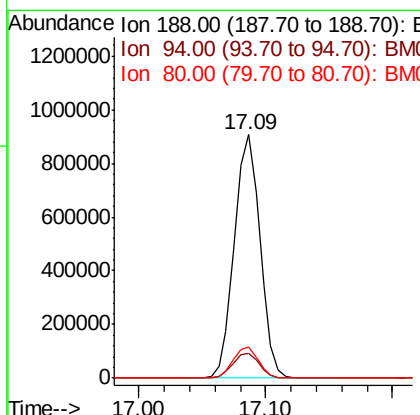
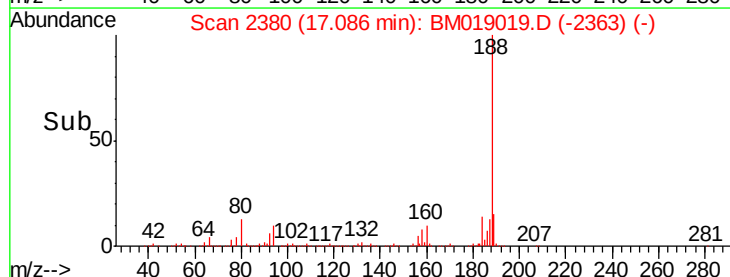
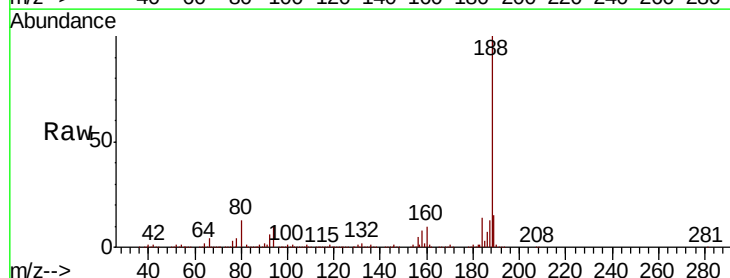
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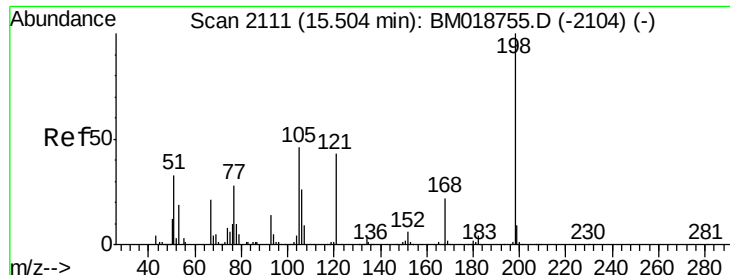
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.6	9.7	14.5





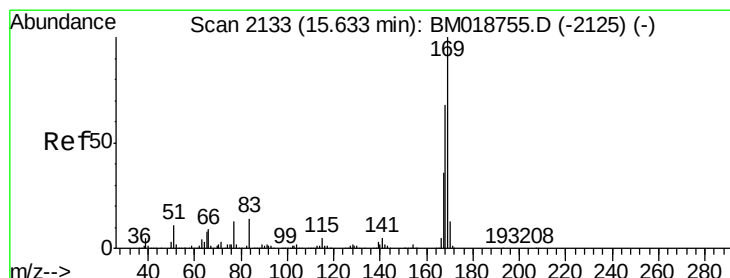
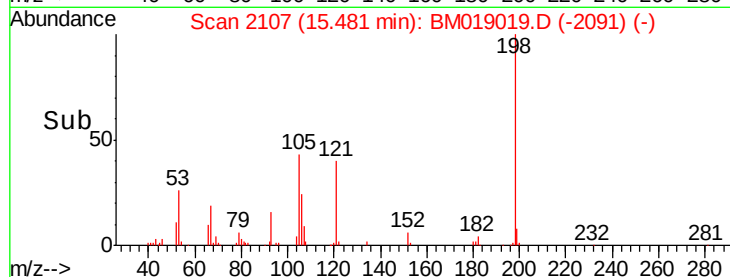
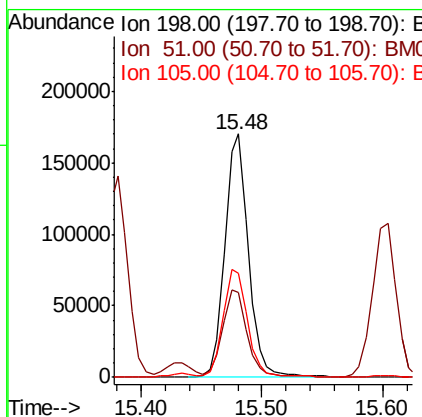
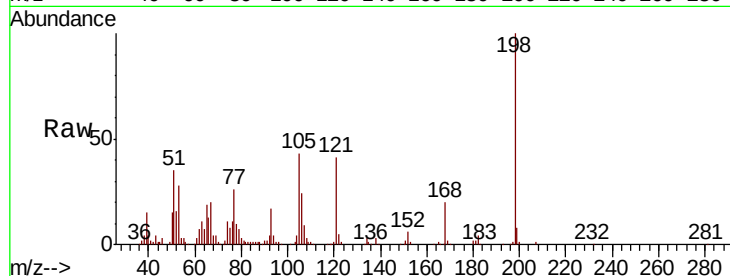
#65
4,6-Dinitro-2-methylphenol
Concen: 25.733 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	229632		
51	35.1		18.4	58.4
105	43.0		27.2	67.2

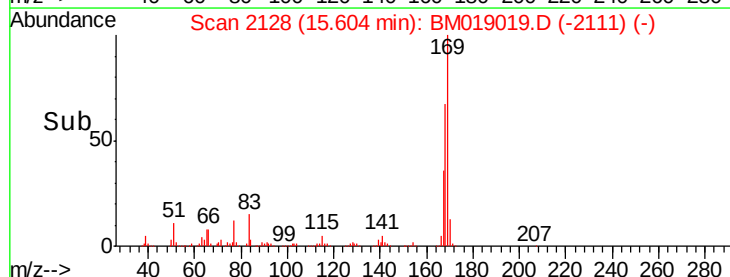
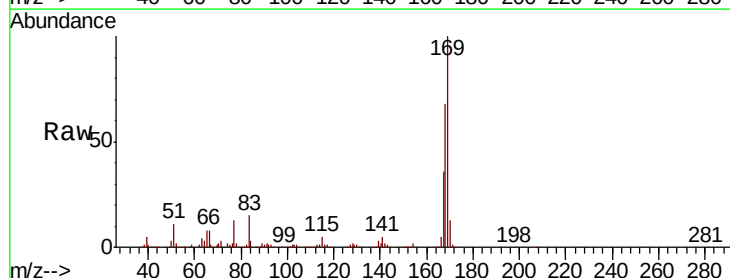
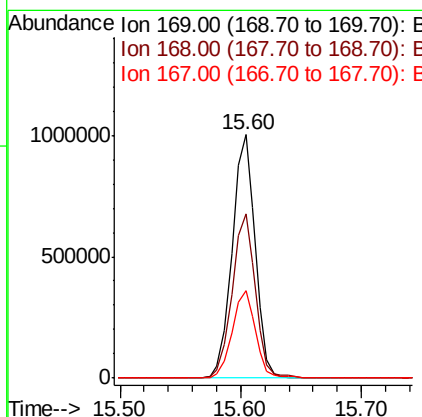
Manual Integrations
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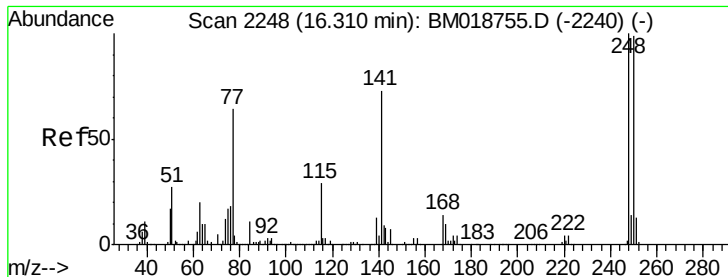
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 33.013 ng
RT: 15.60 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1325615		
168	67.6		54.4	81.6
167	36.0		29.0	43.6





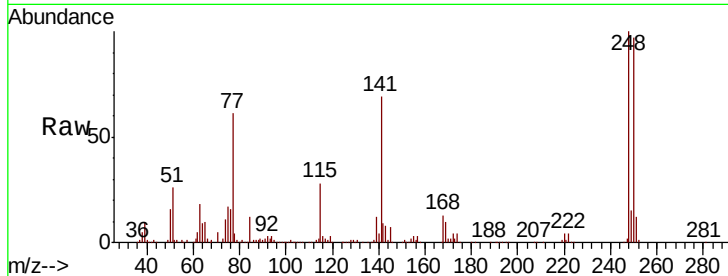
#67
4-Bromophenyl-phenylether
Concen: 30.688 ng
RT: 16.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.0	118.6
141	69.3	58.6	88.0

Manual Integrations
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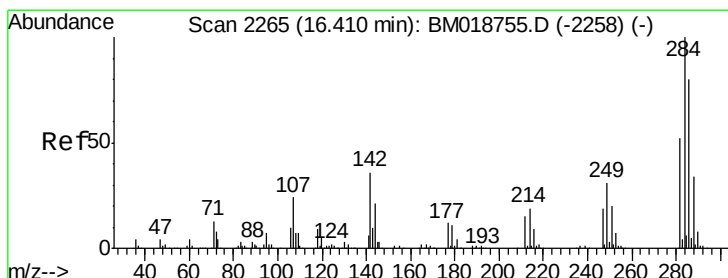
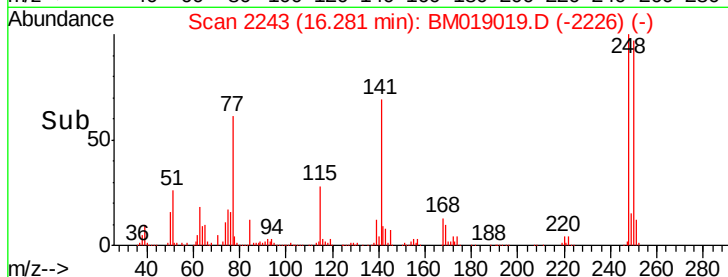
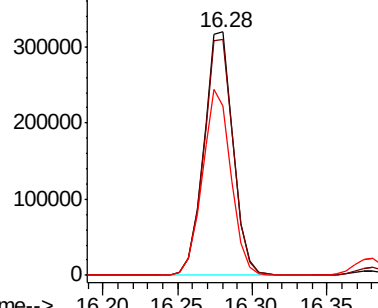


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 30.487 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

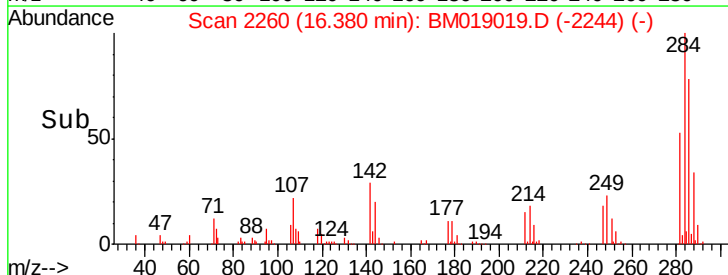
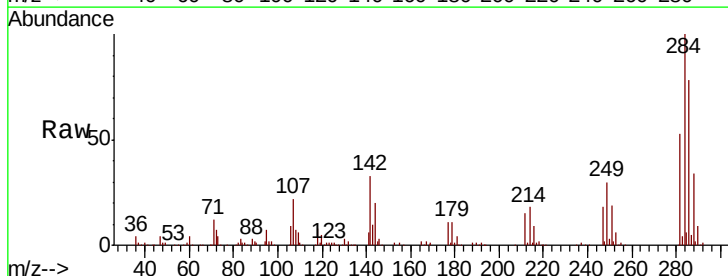
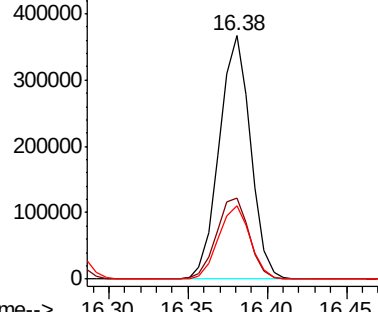
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.9	43.3
249	30.0	24.8	37.2

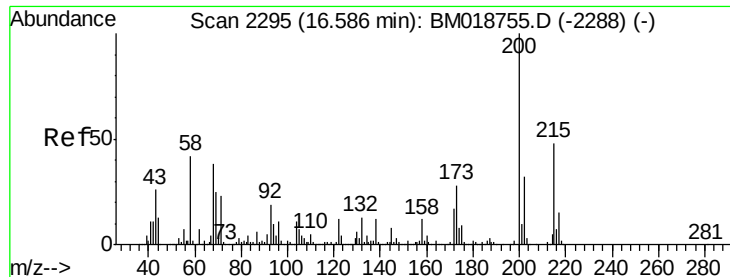
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





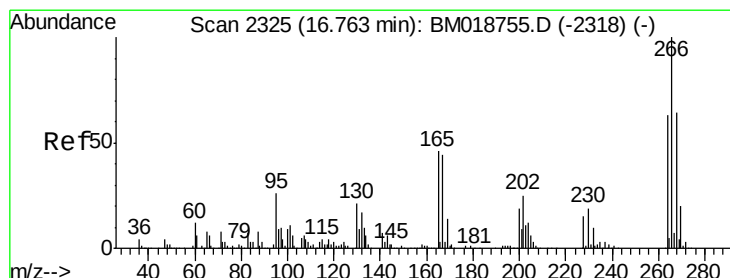
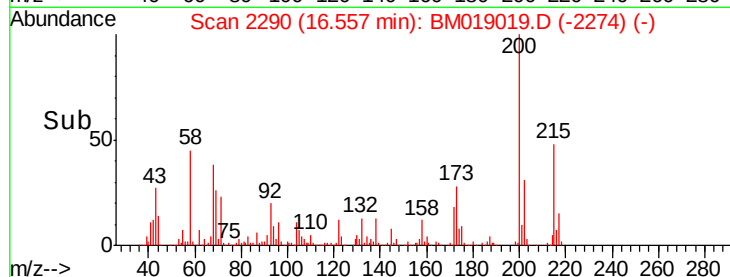
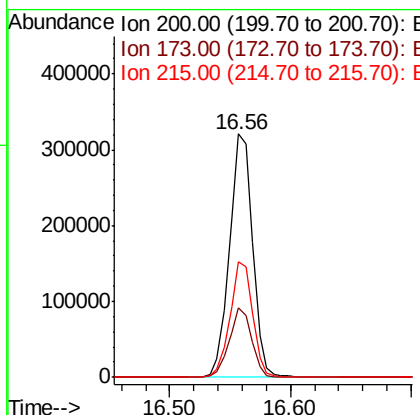
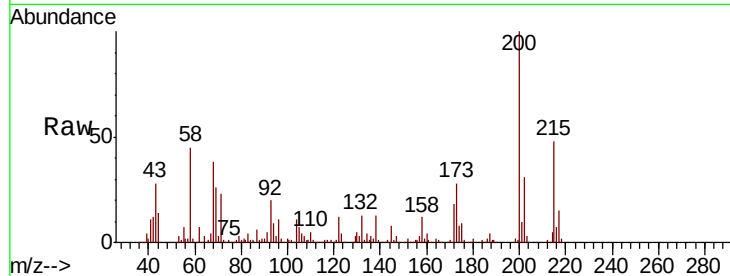
#69
Atrazine
Concen: 33.115 ng
RT: 16.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	428682		
173	28.4	7.6	47.6	
215	47.7	27.6	67.6	

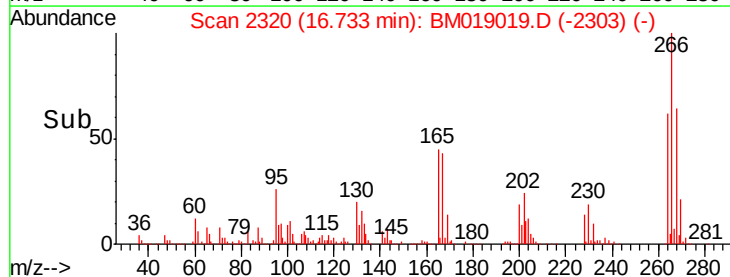
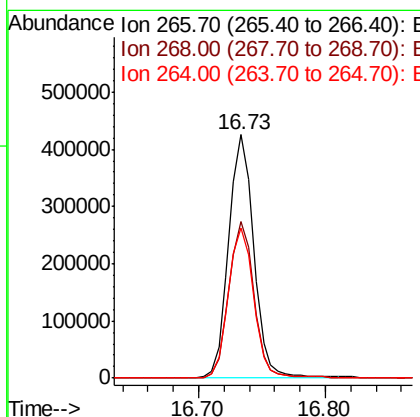
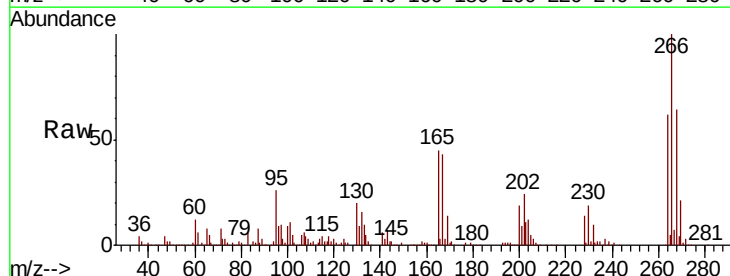
Manual Integrations
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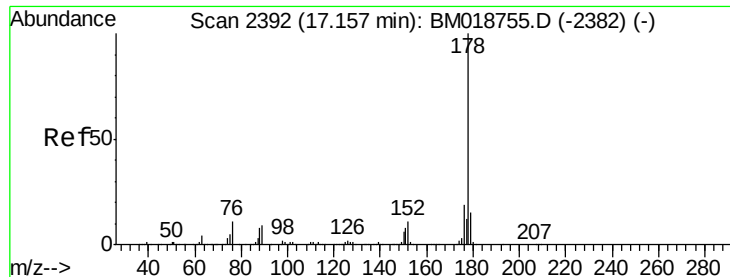
Sohil
3/5/2019 5:23:53 PM



#70
Pentachlorophenol
Concen: 54.940 ng
RT: 16.73 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	584953		
268	64.4	51.3	76.9	
264	61.8	50.6	75.8	





#71

Phenanthrene

Concen: 32.050 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

Z-2-4MSD

Tot Ion:178 Resp: 2189103

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

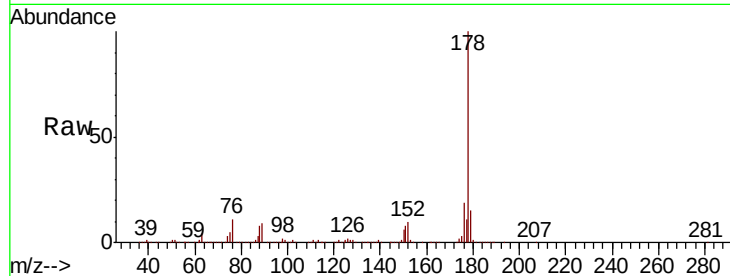
179 15.1 12.3 18.5

Manual Integrations

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Sohil

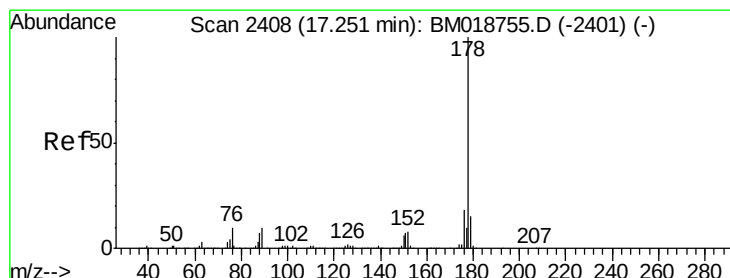
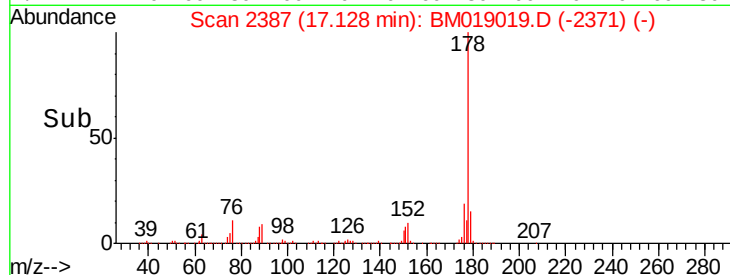
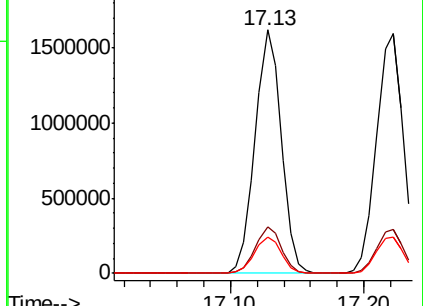
3/5/2019 5:23:53 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 33.223 ng

RT: 17.22 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

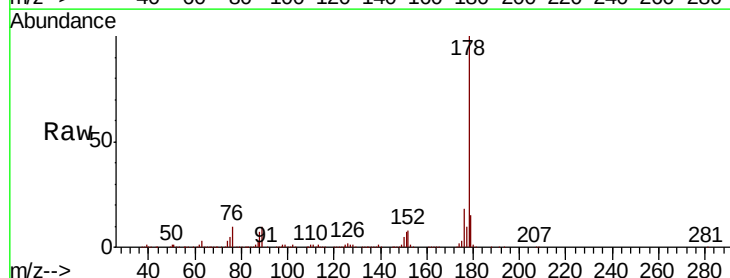
Tgt Ion:178 Resp: 2208715

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

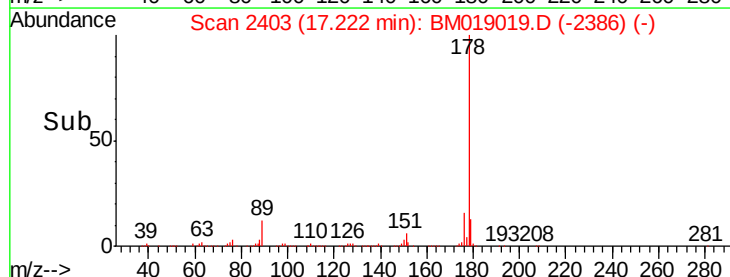
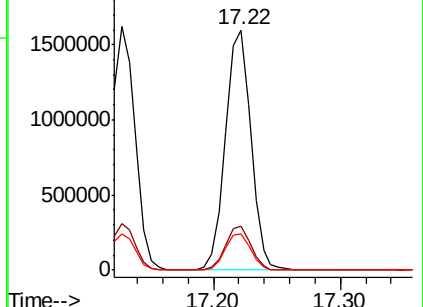
179 15.0 12.1 18.1

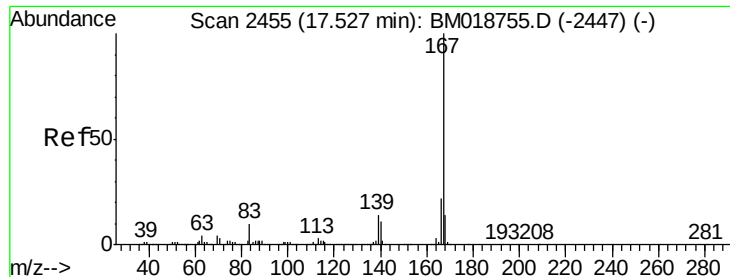


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





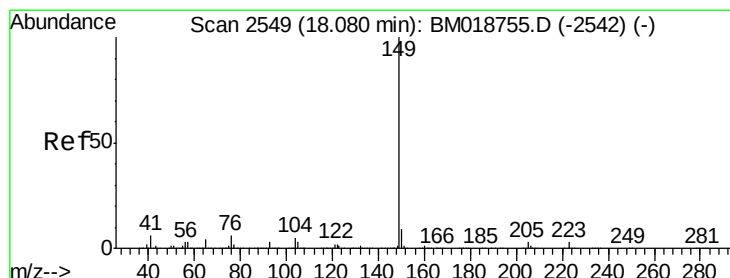
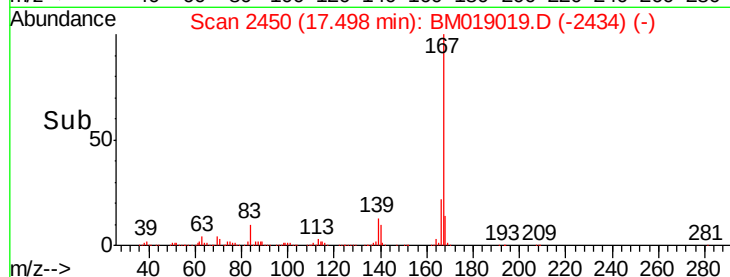
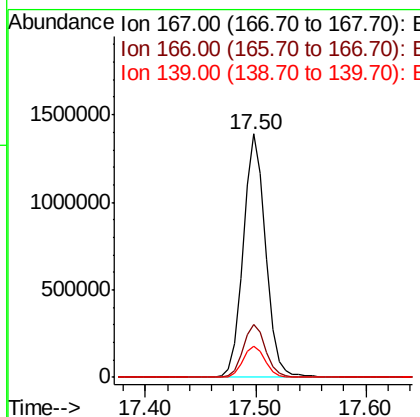
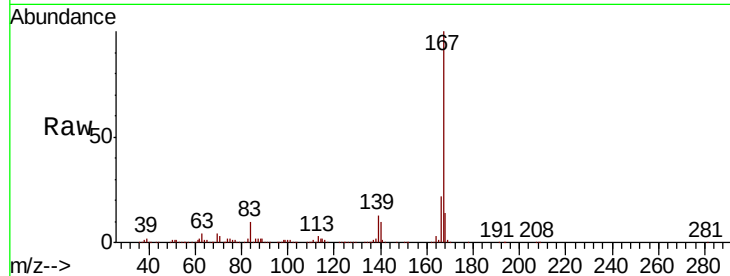
#73
 Carbazole
 Concen: 28.512 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.0	10.9	16.3

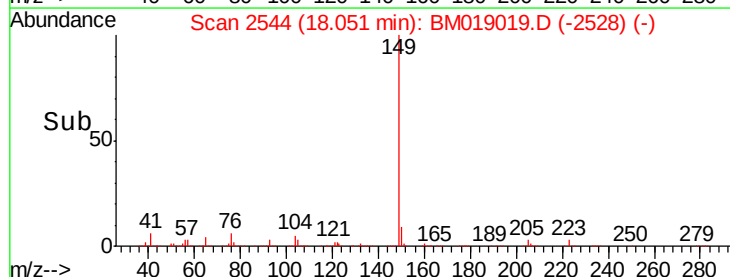
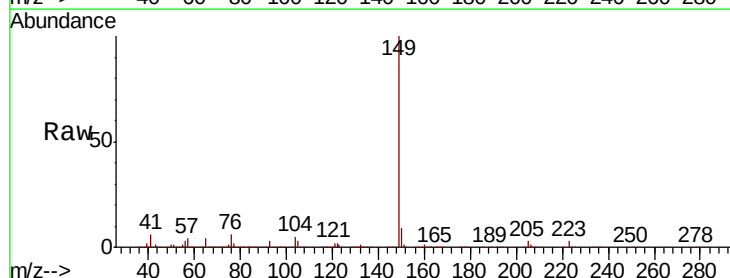
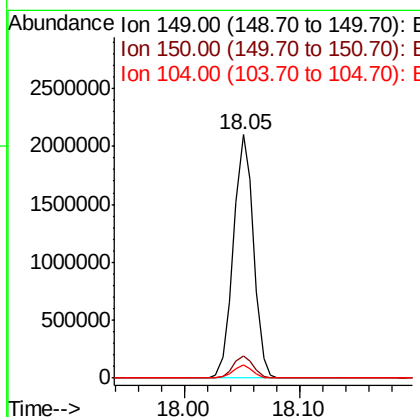
Manual Integrations
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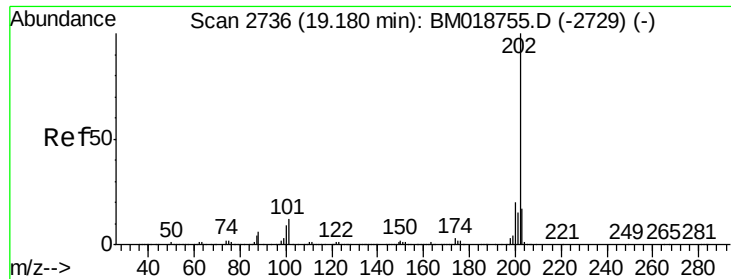
Sohil
 3/5/2019 5:23:53 PM



#74
 Di-n-butylphthalate
 Concen: 31.695 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.3	6.5





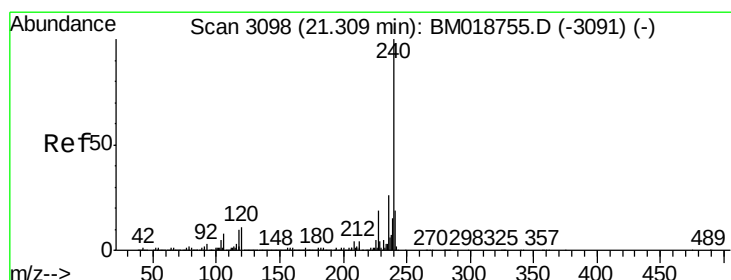
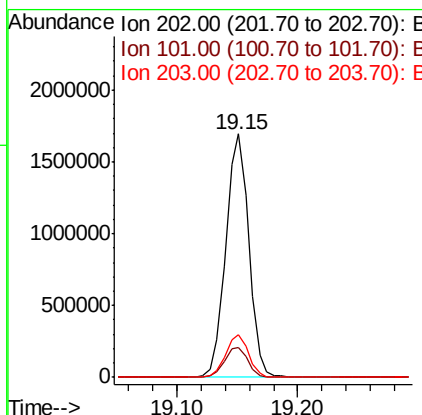
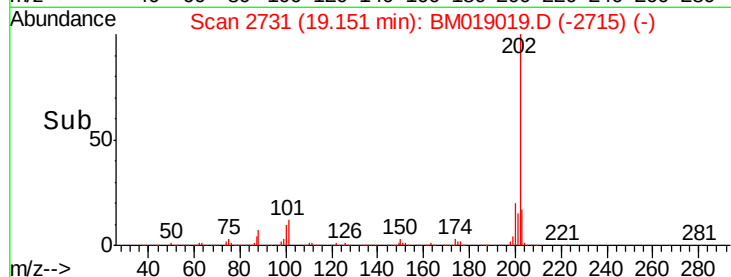
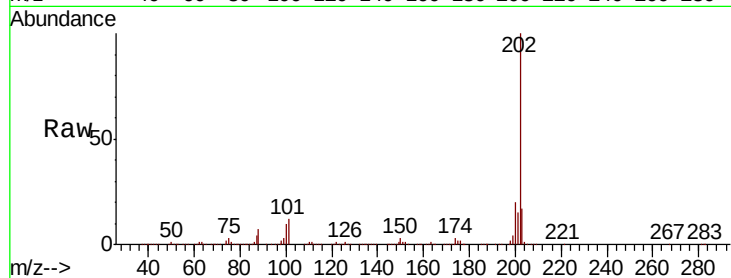
#75
Fluoranthene
Concen: 28.336 ng
RT: 19.15 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
203	17.4	0.0	37.3

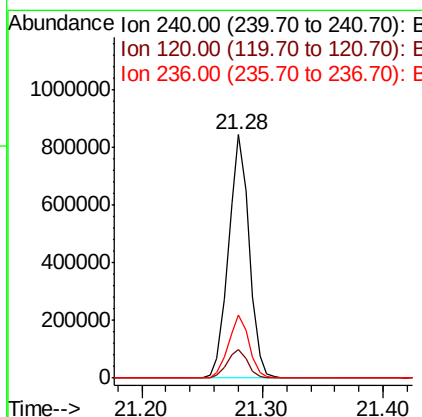
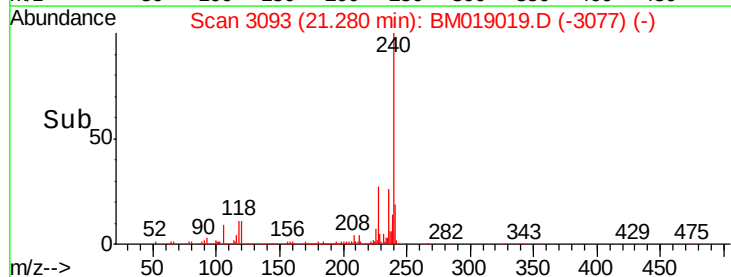
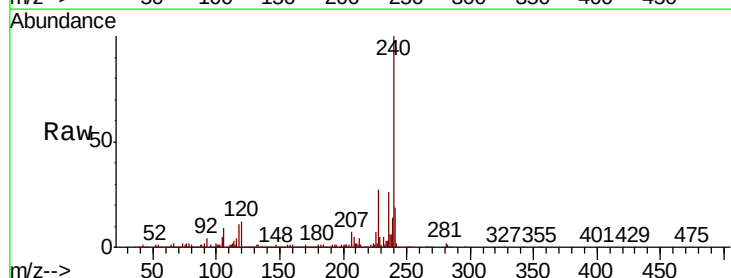
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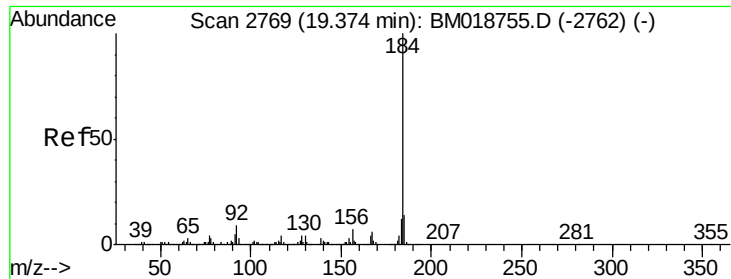
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	26.0	20.9	31.3





#77

Benzidine

Concen: 41.212 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

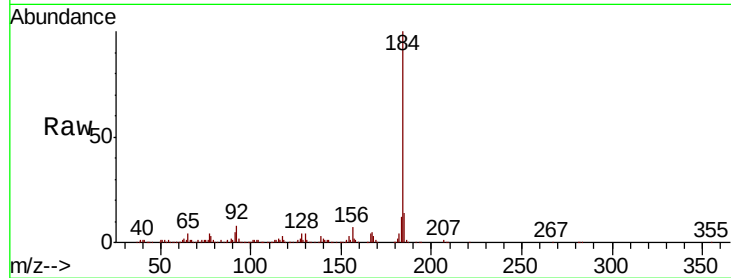
ClientSampleId :

Z-2-4MSD

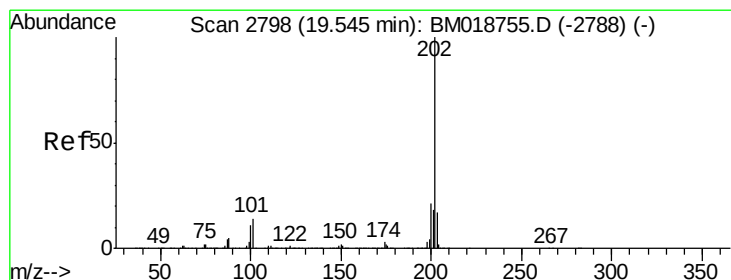
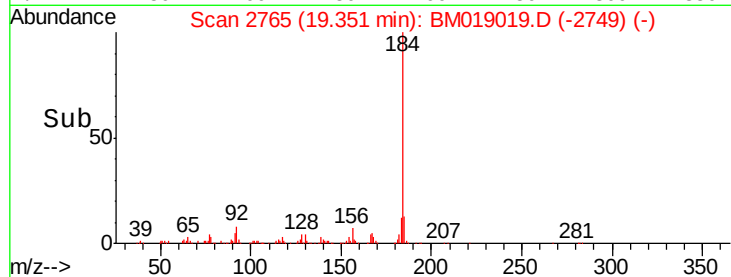
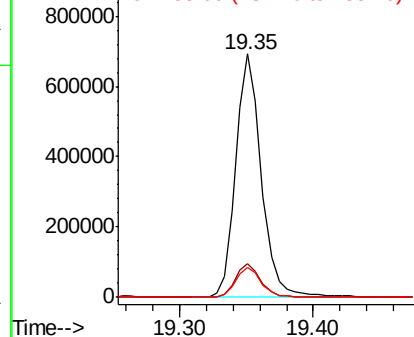
Tot Ion:	184	Resp:	928158
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.2	16.8
183	12.1	9.7	14.5

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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: 38.680 ng

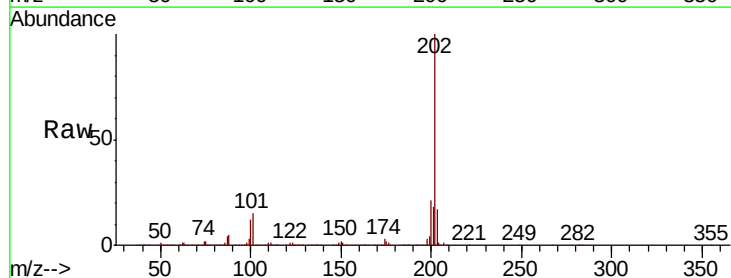
RT: 19.52 min Scan# 2793

Delta R.T. -0.01 min

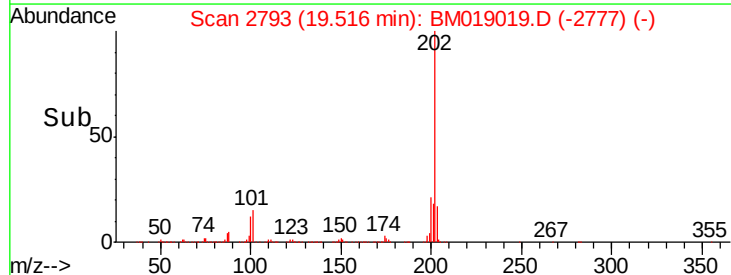
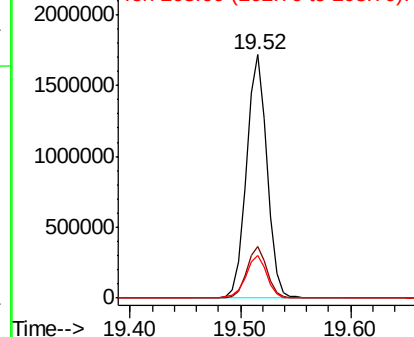
Lab File: BM019019.D

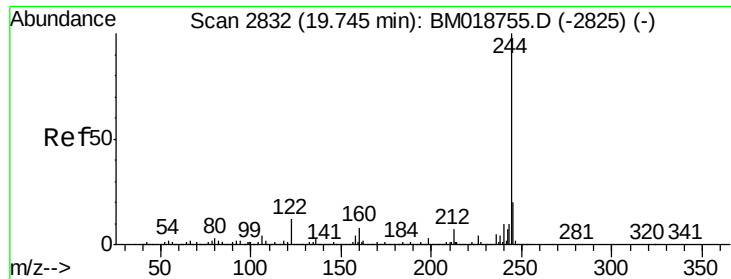
Acq: 04 Mar 2019 20:53

Tgt Ion:	202	Resp:	2246471
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.5	13.8	20.8



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





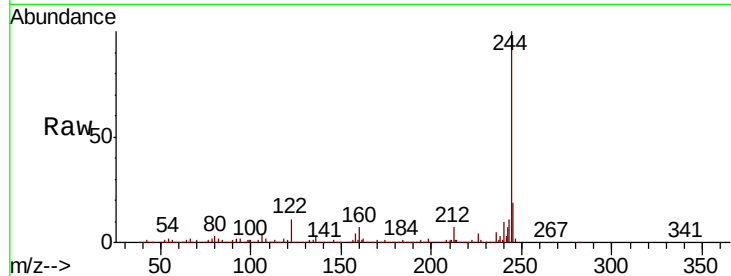
#79
 Terphenyl-d14
 Concen: 72.263 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.0	9.3	13.9

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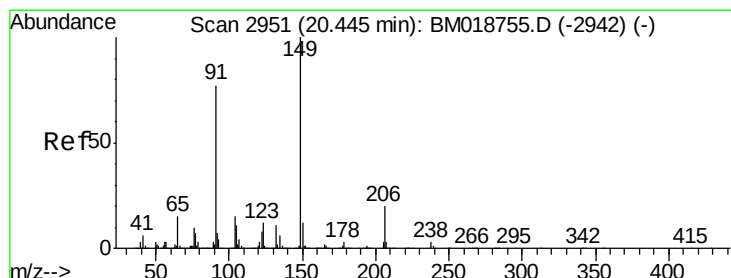
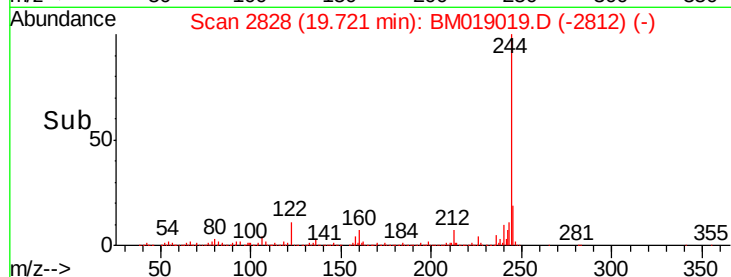
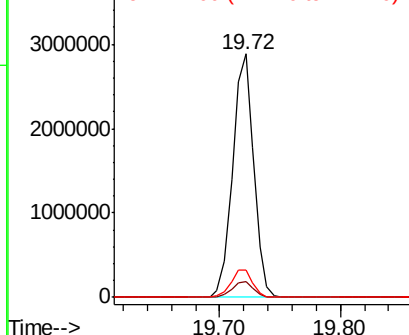


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 38.746 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

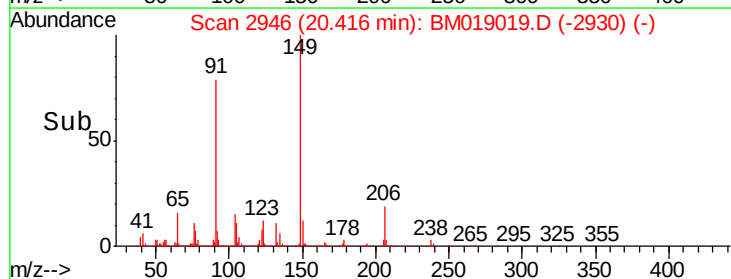
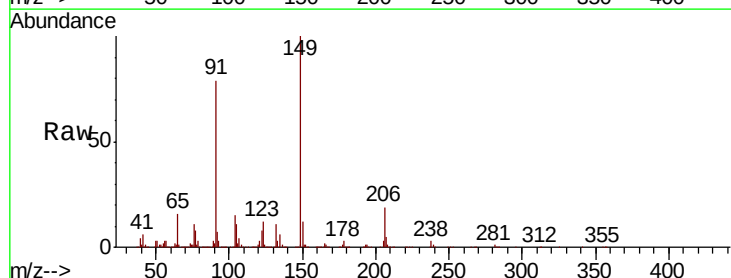
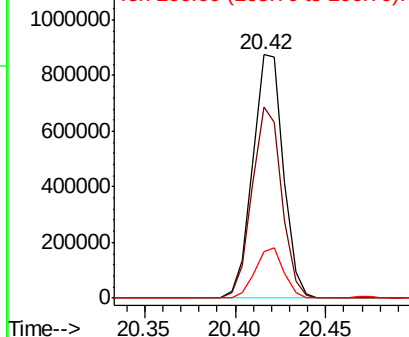
Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.8	61.4	92.0
206	19.1	15.8	23.8

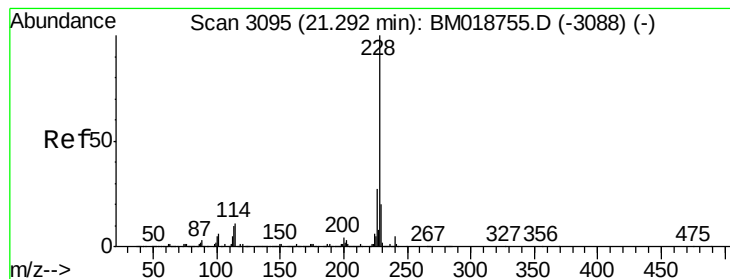
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.479 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

Z-2-4MSD

Tot Ion:228 Resp: 1834956

Ion Ratio Lower Upper

228 100

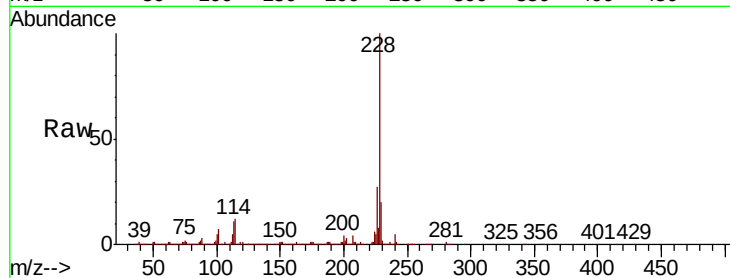
226 27.2 21.9 32.9

229 19.6 15.9 23.9

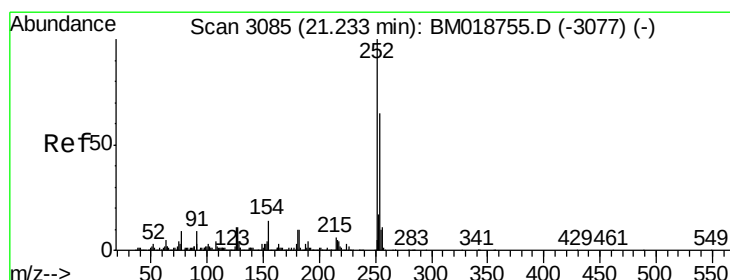
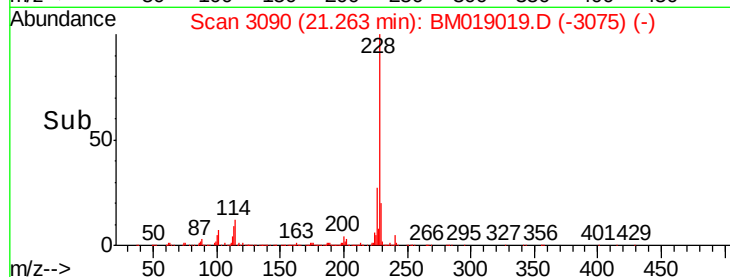
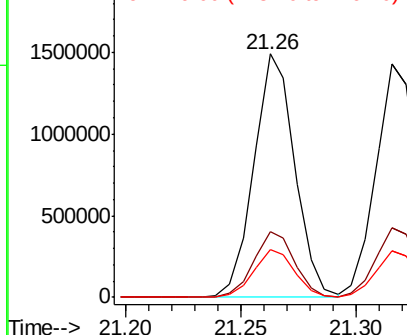
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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.840 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

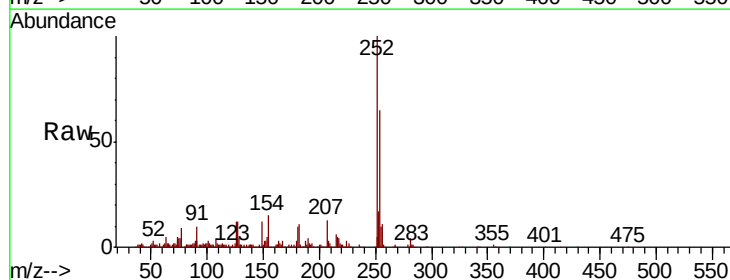
Tgt Ion:252 Resp: 457066

Ion Ratio Lower Upper

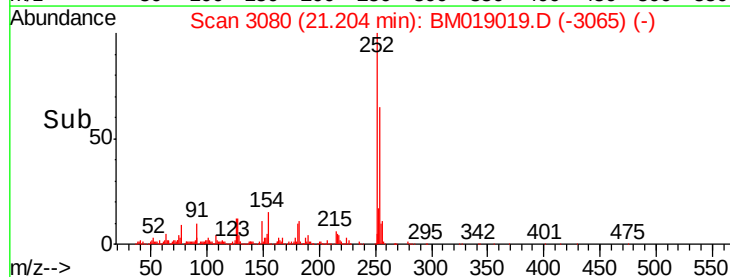
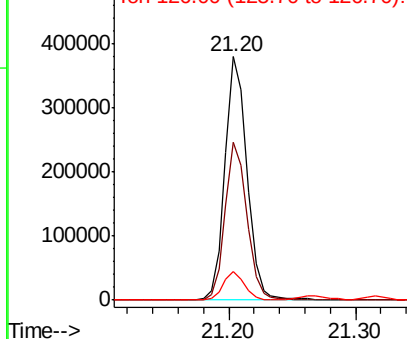
252 100

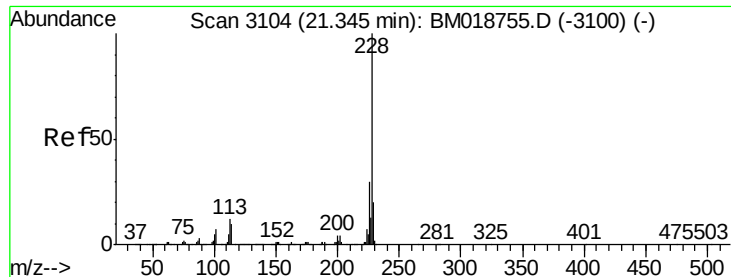
254 64.9 51.8 77.8

126 11.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
500000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





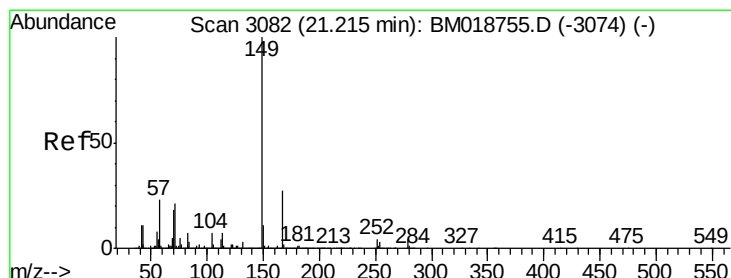
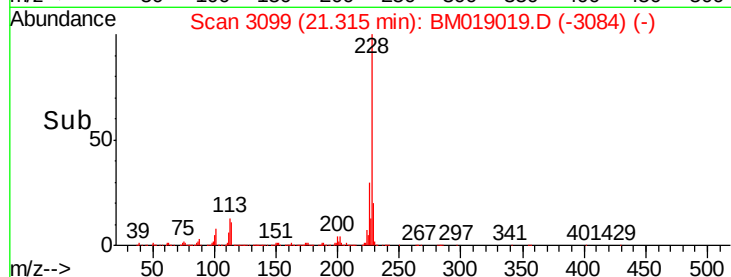
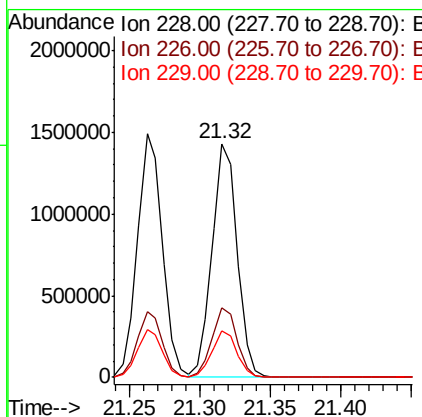
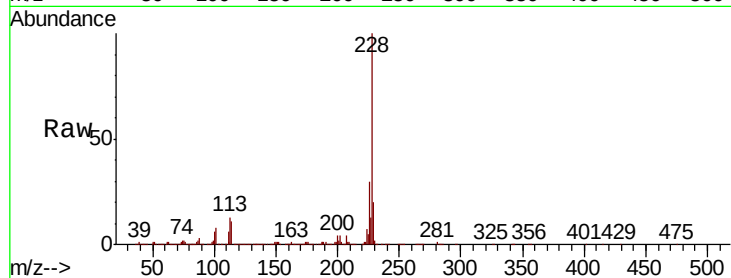
#83
Chrysene
Concen: 31.562 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.7	16.0	24.0

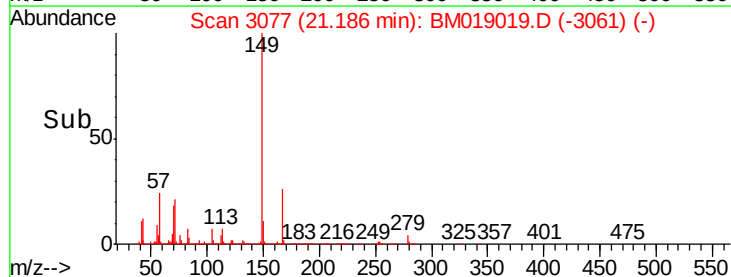
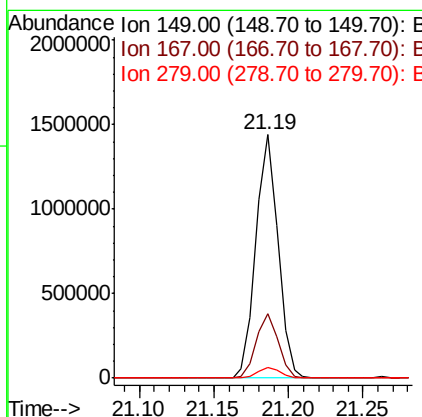
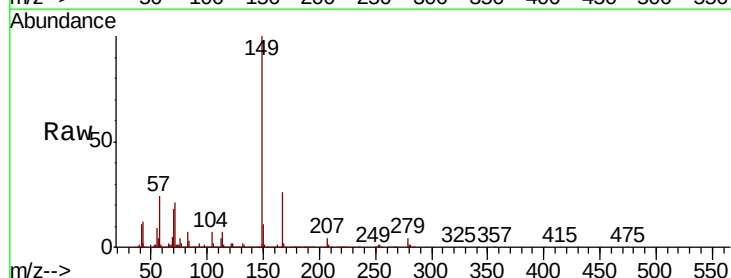
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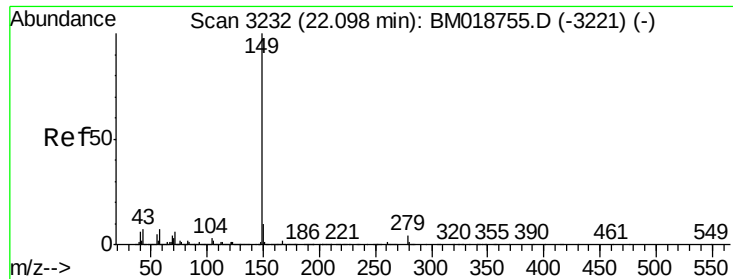
Sohil
3/5/2019 5:23:53 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.897 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.6
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 34.469 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

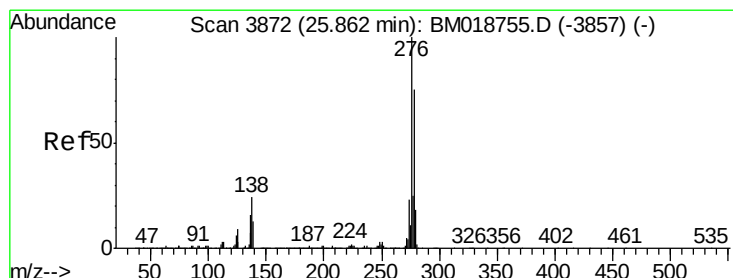
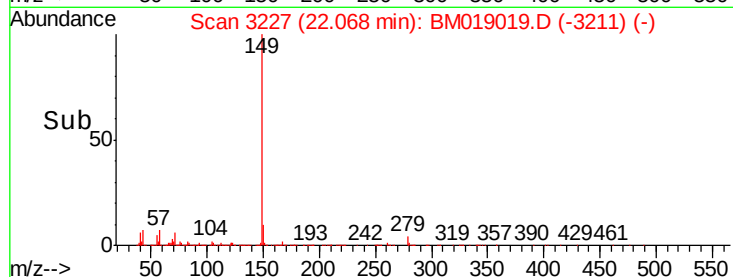
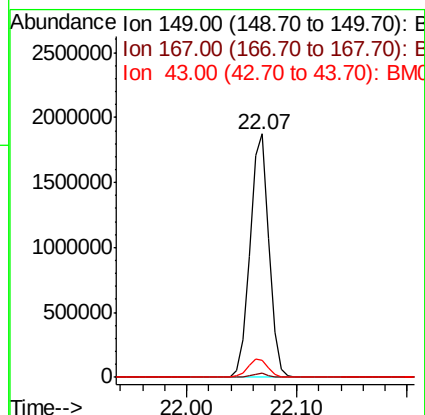
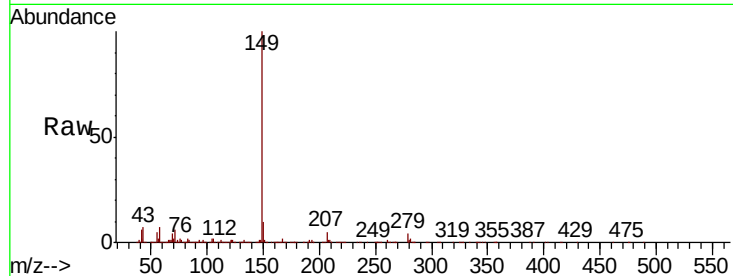
ClientSampleId :

Z-2-4MSD

Tot Ion:	149	Resp:	2244319
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 33.598 ng

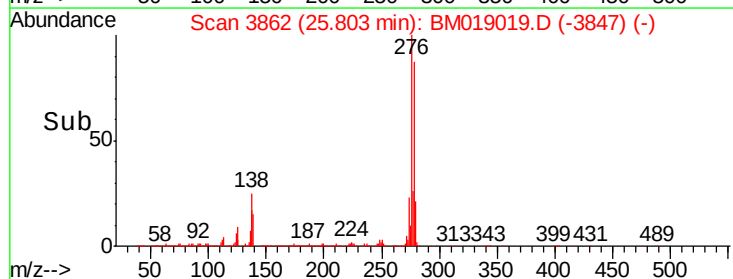
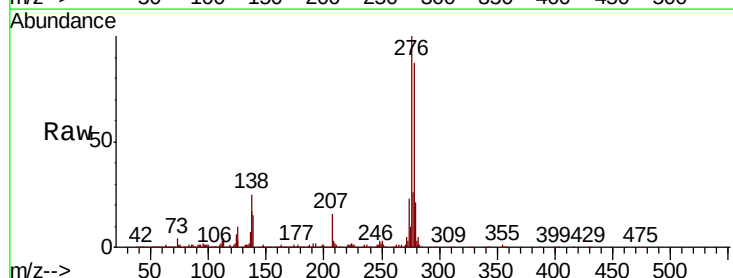
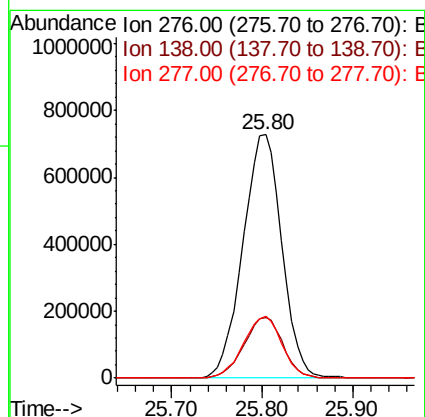
RT: 25.80 min Scan# 3862

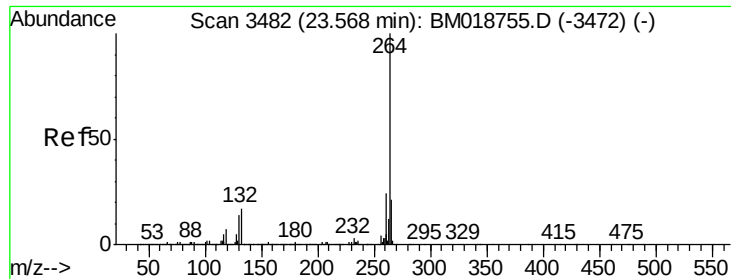
Delta R.T. -0.01 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:	276	Resp:	2167313
Ion Ratio	Lower	Upper	
276	100		
138	25.1	20.2	30.4
277	25.4	20.3	30.5





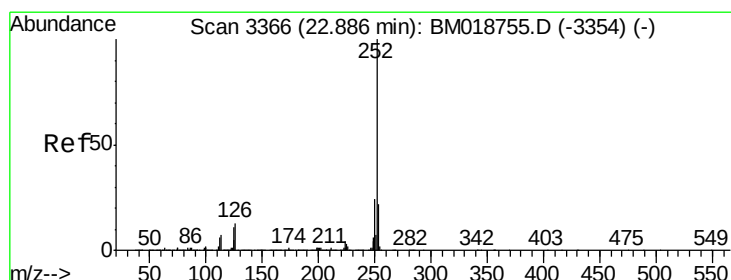
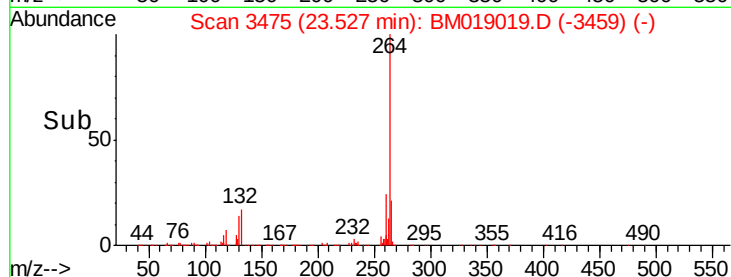
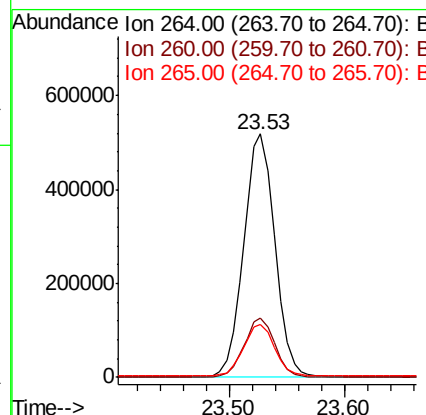
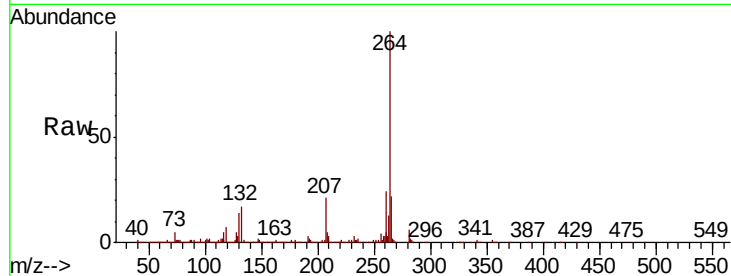
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.8	17.3	25.9

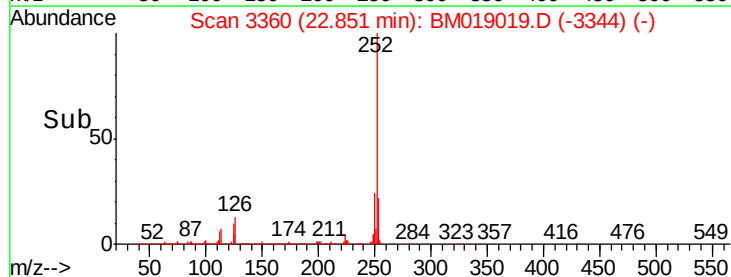
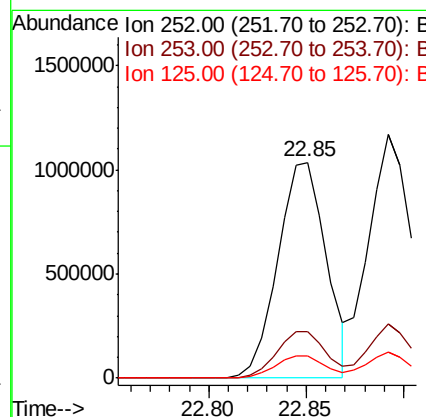
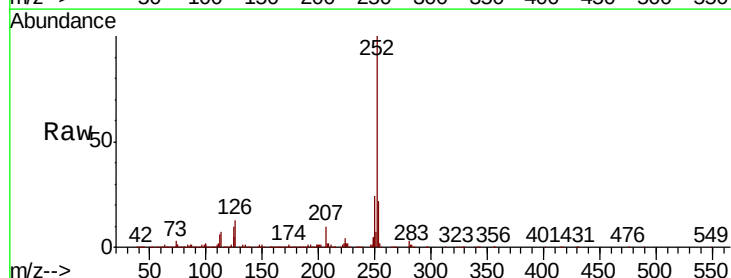
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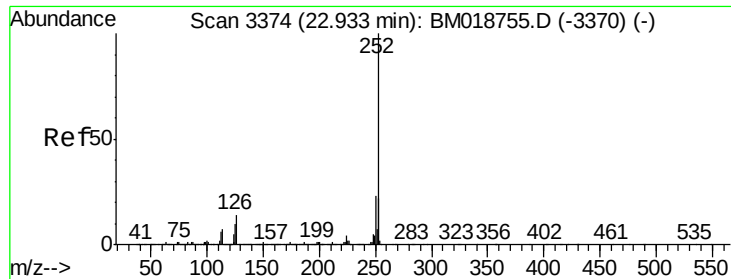
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3/5/2019 5:23:53 PM



#88
Benzo(b)fluoranthene
Concen: 31.856 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	10.3	8.6	12.8





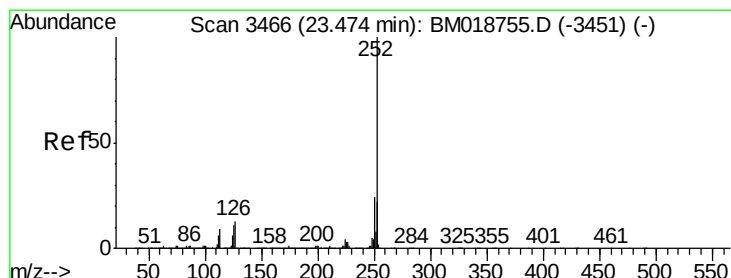
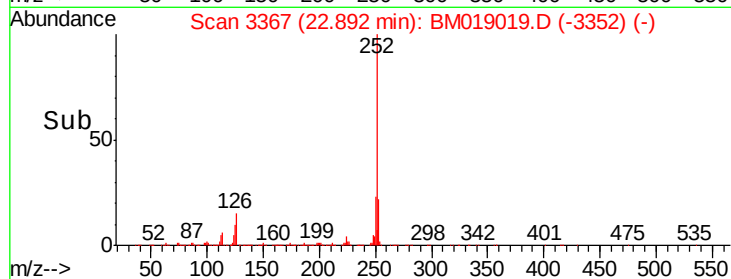
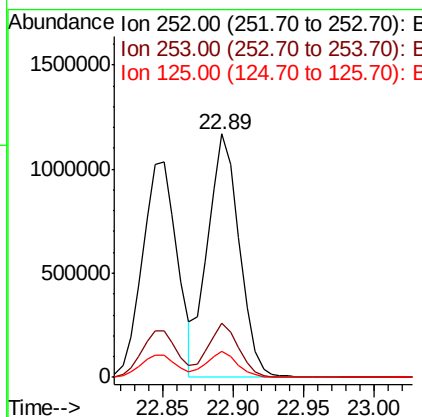
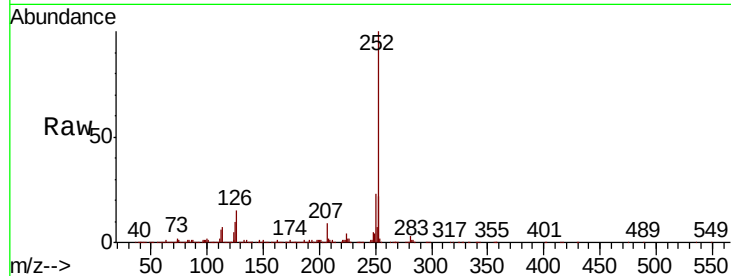
#89
Benzo(k)fluoranthene
Concen: 32.565 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.4	8.2	12.4

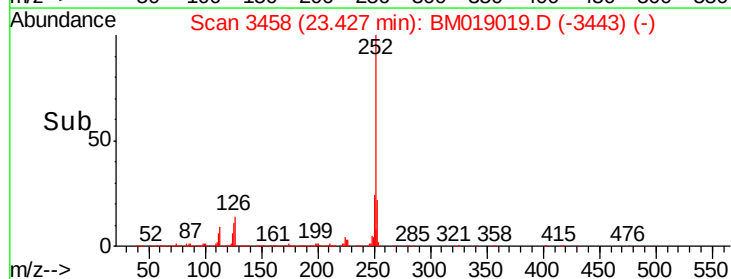
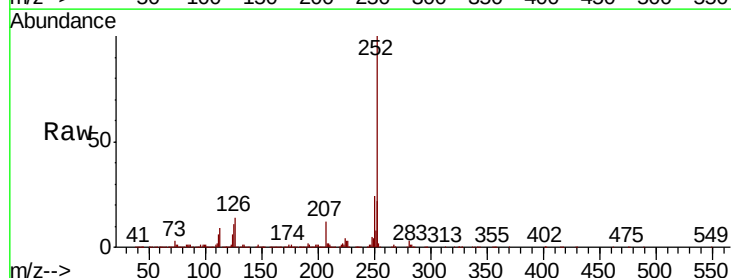
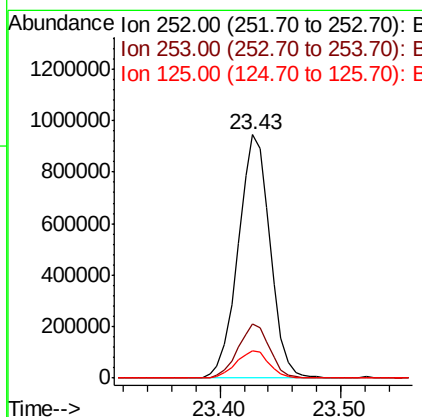
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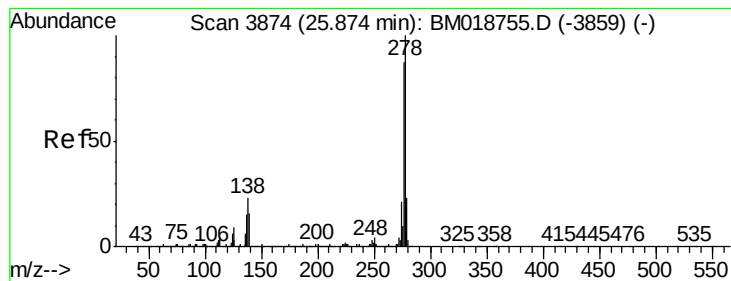
Sohil
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#90
Benzo(a)pyrene
Concen: 32.882 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.3	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 35.207 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.02 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

Z-2-4MSD

Tot Ion:278 Resp: 1839594

Ion Ratio Lower Upper

278 100

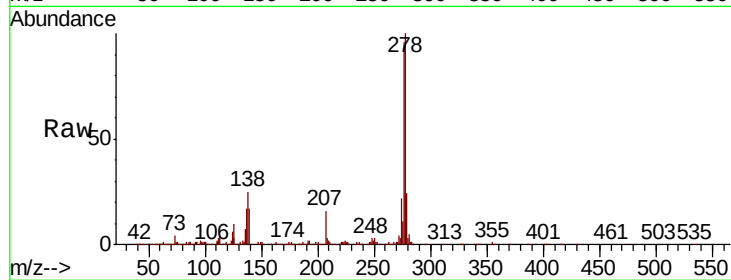
139 16.5 12.6 18.8

279 24.2 18.6 28.0

Manual Integrations
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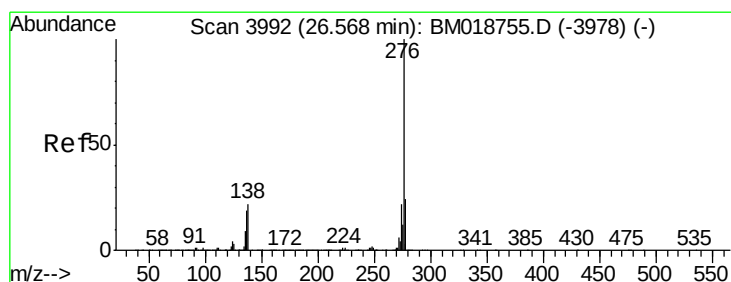
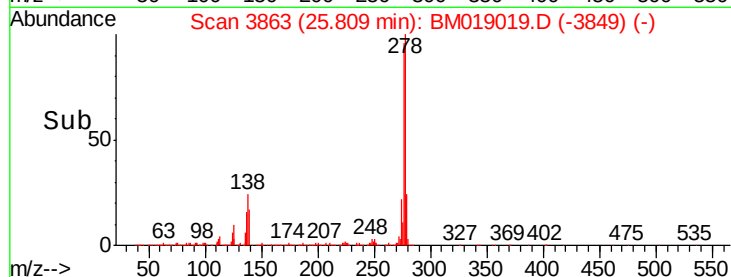
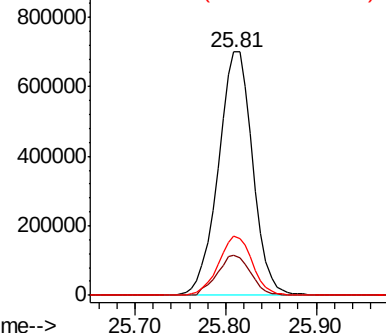
3/5/2019 5:23:53 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.331 ng

RT: 26.50 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

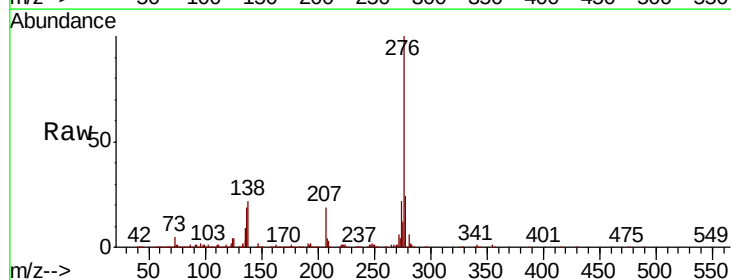
Tgt Ion:276 Resp: 1767320

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 22.1 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

