

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018837.D
 Acq On : 18 Feb 2019 14:23
 Operator : JU/SJ
 Sample : K1501-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:03:03 AM

Quant Time: Feb 18 15:36:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	298639	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1257025	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	732964	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1684475	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1801584	20.00	ng	0.00
87) Perylene-d12	23.56	264	1550844	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2916911	160.04	ng	0.00
7) Phenol-d6	6.89	99	4186292	163.04	ng	0.00
23) Nitrobenzene-d5	8.87	82	2727621	100.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1601496	151.58	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4625342	83.77	ng	0.00
79) Terphenyl-d14	19.74	244	7702845	88.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	329034	41.448	ng	98
3) Pyridine	3.65	79	925858	42.757	ng	100
4) n-Nitrosodimethylamine	3.57	42	337386	61.246	ng	93
6) Aniline	7.05	93	1705580	54.213	ng	100
8) 2-Chlorophenol	7.27	128	1088498	54.394	ng	98
9) Benzaldehyde	6.86	77	587233	42.562	ng	98
10) Phenol	6.92	94	1639122	60.670	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1059121	51.391	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1090963	48.484	ng	99
13) 1,4-Dichlorobenzene	7.74	146	1120117	48.897	ng	99
14) 1,2-Dichlorobenzene	8.05	146	1087789	49.436	ng	98
15) Benzyl Alcohol	7.96	79	1118917	54.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1026799	51.477	ng	98
17) 2-Methylphenol	8.15	107	960695	55.869	ng	98
18) Hexachloroethane	8.77	117	424781	50.797	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	1037318	52.177	ng	99
20) 3+4-Methylphenols	8.48	107	1318343	55.522	ng	99
22) Acetophenone	8.54	105	1700906	49.273	ng	99
24) Nitrobenzene	8.92	77	1454940	51.559	ng	99
25) Isophorone	9.44	82	2597034	59.871	ng	100
26) 2-Nitrophenol	9.62	139	593267	52.792	ng	99
27) 2,4-Dimethylphenol	9.67	122	1009051	61.477	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1505013	53.654	ng	100
29) 2,4-Dichlorophenol	10.15	162	1042653	55.324	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1070637	49.191	ng	99
31) Naphthalene	10.55	128	3322004	54.187	ng	99
32) Benzoic acid	9.84	122	537708	37.556	ng	96
33) 4-Chloroaniline	10.67	127	1169662	42.681	ng	100
34) Hexachlorobutadiene	10.81	225	580765	45.971	ng	99
35) Caprolactam	11.50	113	361475m	46.997	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1253409	55.161	ng	100
37) 2-Methylnaphthalene	12.16	142	2477985	57.410	ng	99
38) 1-Methylnaphthalene	12.39	142	2360611	55.928	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1161365	49.532	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1366943	114.029	nq	98
43) 2,4,6-Trichlorophenol	12.78	196	841098	54.188	nq	98
44) 2,4,5-Trichlorophenol	12.85	196	912084	56.063	nq	98
46) 1,1'-Biphenyl	13.19	154	3166951	50.196	nq	100
47) 2-Chloronaphthalene	13.23	162	2446984	50.214	nq	98
48) 2-Nitroaniline	13.45	65	916156	56.606	nq	99
49) Acenaphthylene	14.08	152	4054930	55.883	nq	99
50) Dimethylphthalate	13.83	163	3467756	56.769	nq	99
51) 2,6-Dinitrotoluene	13.95	165	713904	53.951	nq	97
52) Acenaphthene	14.42	154	2339248	52.575	nq	99
53) 3-Nitroaniline	14.29	138	649211	43.422	nq	98
54) 2,4-Dinitrophenol	14.50	184	832962	97.822	nq	96
55) Dibenzofuran	14.76	168	3808067	52.072	nq	100
56) 4-Nitrophenol	14.60	139	1278882	107.152	nq	99
57) 2,4-Dinitrotoluene	14.74	165	1024206	56.177	nq	98
58) Fluorene	15.41	166	3152057	56.339	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	837043	58.208	nq	99
60) Diethylphthalate	15.19	149	3349356	53.154	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	1565249	49.898	nq	98
62) 4-Nitroaniline	15.46	138	758878	51.774	nq	100
63) Azobenzene	15.70	77	3629010	53.714	nq	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	576074	48.709	nq	98
66) n-Nitrosodiphenylamine	15.63	169	2747497	51.626	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	926369	49.132	nq	99
68) Hexachlorobenzene	16.40	284	1084888	49.502	nq	99
69) Atrazine	16.59	200	904494	52.718	nq	100
70) Pentachlorophenol	16.76	266	1464379	103.775	nq	99
71) Phenanthrene	17.15	178	4993338	55.159	nq	100
72) Anthracene	17.24	178	5137221	58.303	nq	99
73) Carbazole	17.52	167	4744325	51.537	nq	99
74) Di-n-butylphthalate	18.07	149	5992343	56.601	nq	100
75) Fluoranthene	19.17	202	5949664	56.897	nq	98
77) Benzidine	19.37	184	3978434	98.053	nq	100
78) Pyrene	19.54	202	6089583	58.199	nq	99
80) Butylbenzylphthalate	20.44	149	2978306	62.457	nq	98
81) Benzo(a)anthracene	21.29	228	5932136	56.487	nq	99
82) 3,3'-Dichlorobenzidine	21.23	252	1902885	45.848	nq	99
83) Chrysene	21.34	228	5503980	54.680	nq	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	4283356	61.372	nq	100
85) Di-n-octyl phthalate	22.09	149	7156148	61.006	nq	99
86) Indeno(1,2,3-cd)pyrene	25.86	276	5102064	43.902	nq	99
88) Benzo(b)fluoranthene	22.88	252	5404179	60.906	nq	99
89) Benzo(k)fluoranthene	22.93	252	5253380	59.470	nq	99
90) Benzo(a)pyrene	23.46	252	4938797	58.756	nq	98
91) Dibenzo(a,h)anthracene	25.86	278	4364463	52.409	nq	98
92) Benzo(g,h,i)perylene	26.56	276	4015984	51.800	nq	99

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

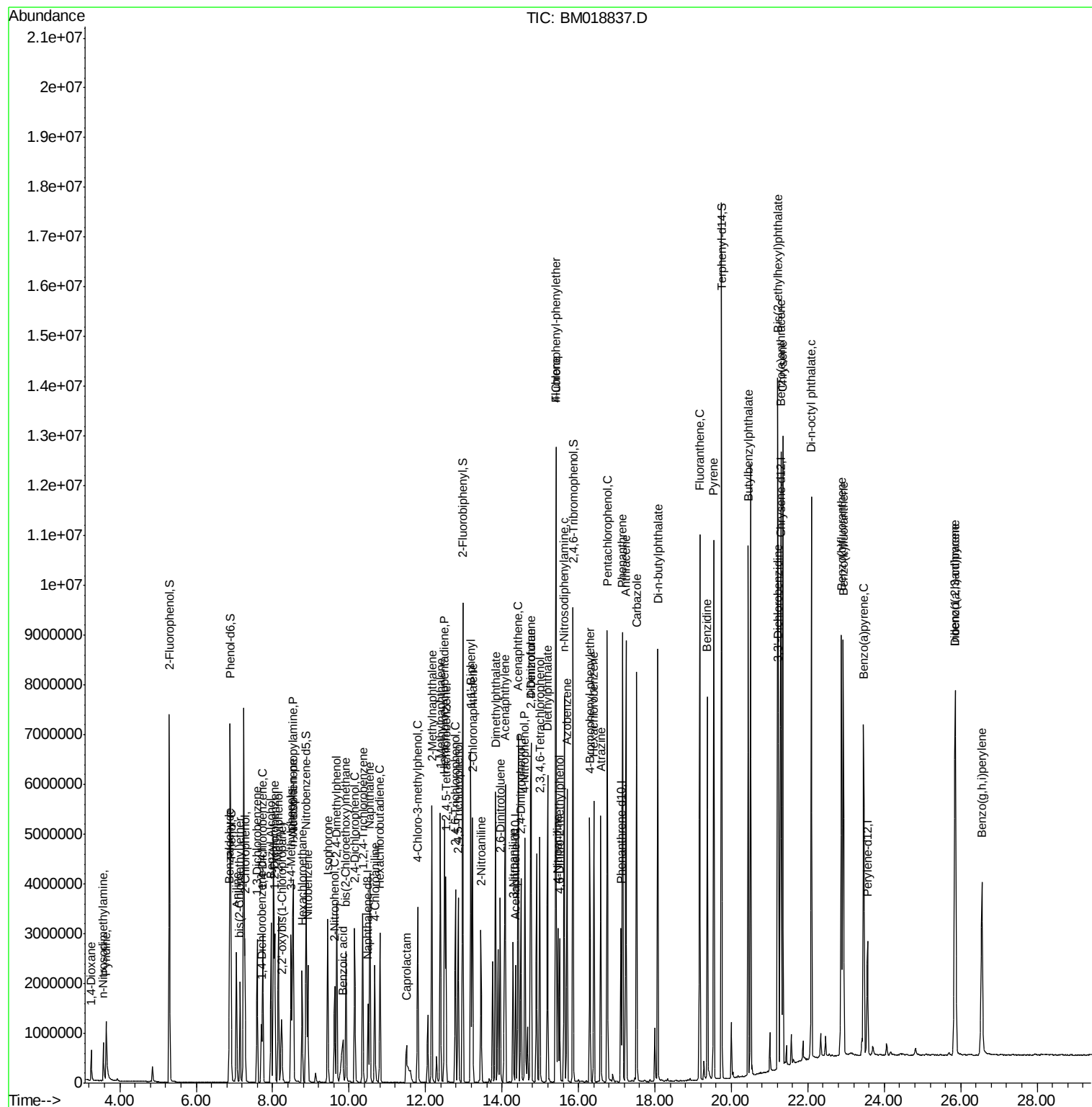
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
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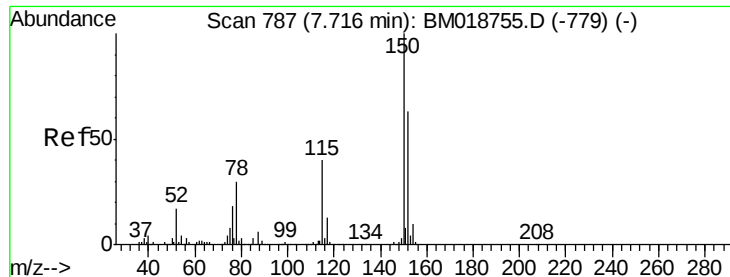
Instrument :
BNA_M
ClientSampled :
CH-021419MS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

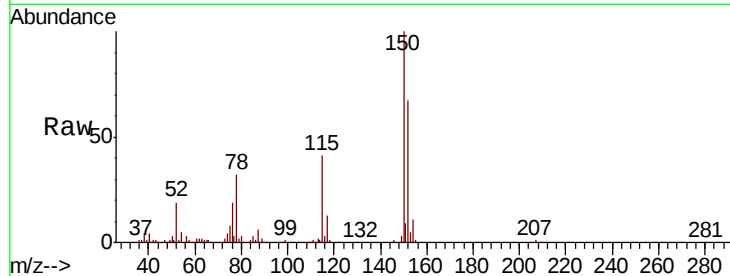
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	127.3	190.9
115	61.8	50.8	76.2

Manual Integrations
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2/19/2019 10:03:03 AM

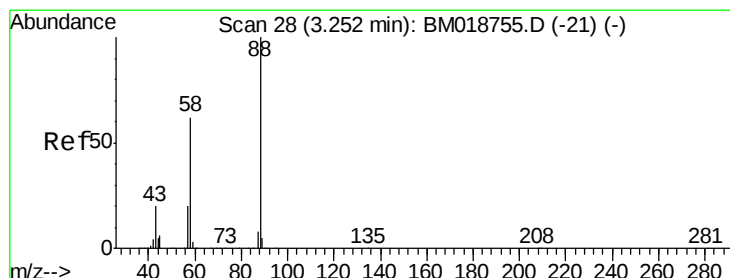
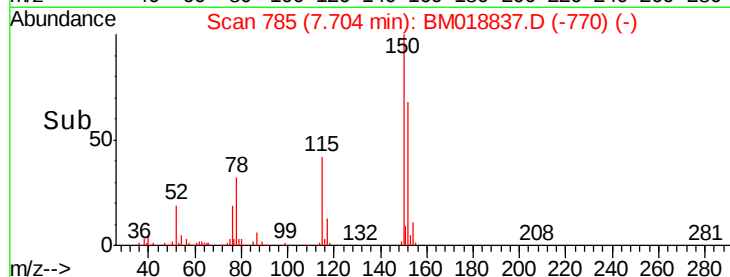
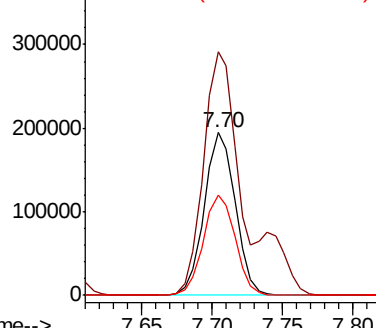


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

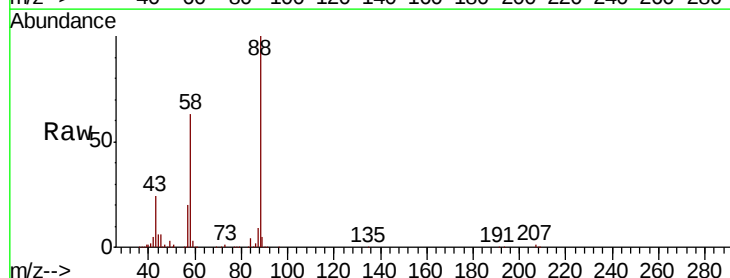
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.448 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	49.8	74.6
43	21.9	16.7	25.1

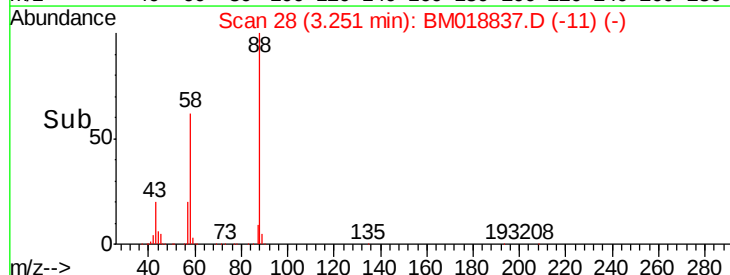
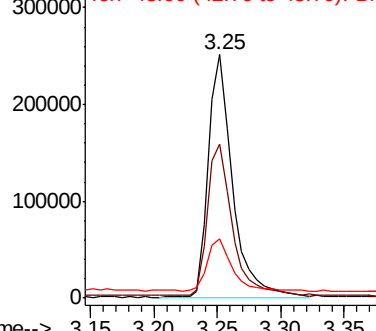


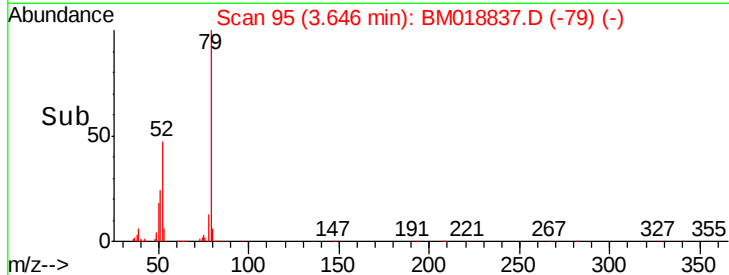
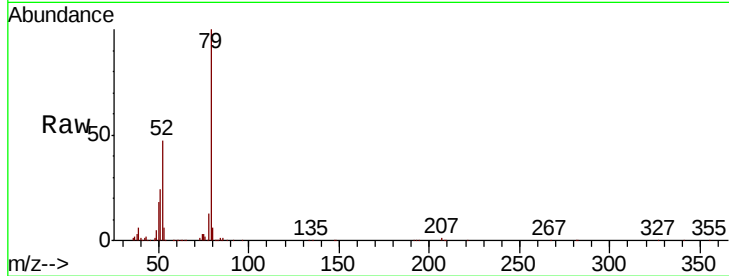
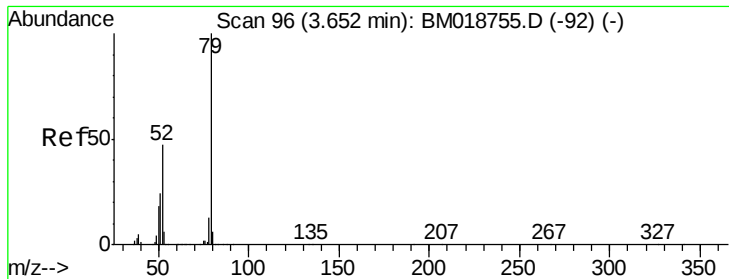
Abundance

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: 42.757 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tot Ion:	79	Resp:	925858
Ion Ratio	Lower	Upper	
79	100		
52	46.8	37.6	56.4
51	24.4	19.7	29.5

Instrument :

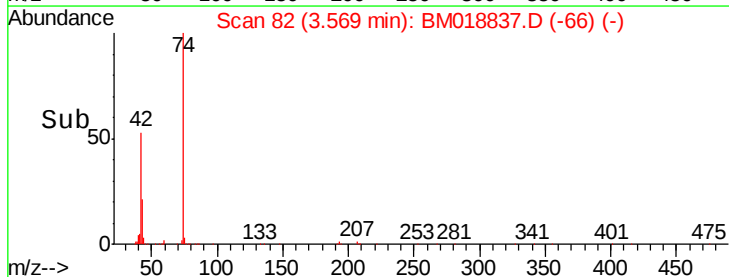
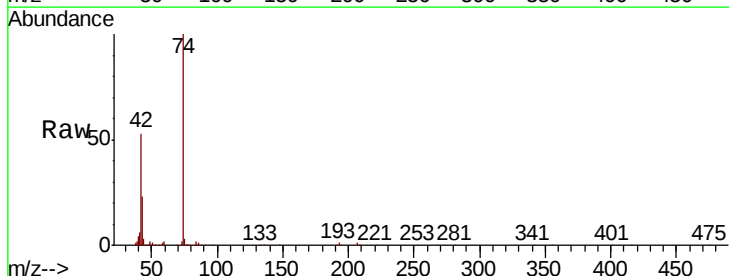
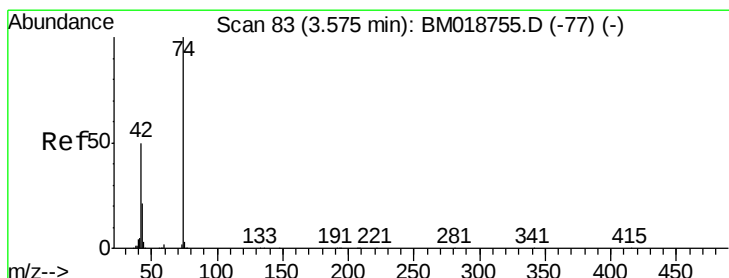
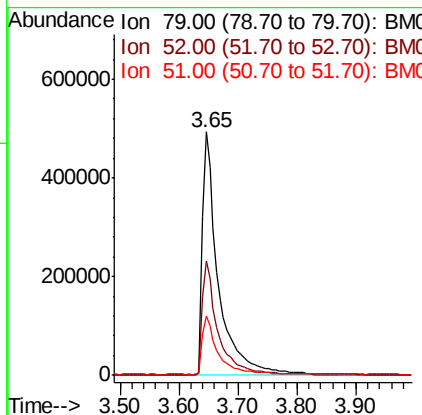
BNA_M

ClientSampleId :

CH-021419MS

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2/19/2019 10:03:03 AM



#4

n-Nitrosodimethylamine

Concen: 61.246 ng

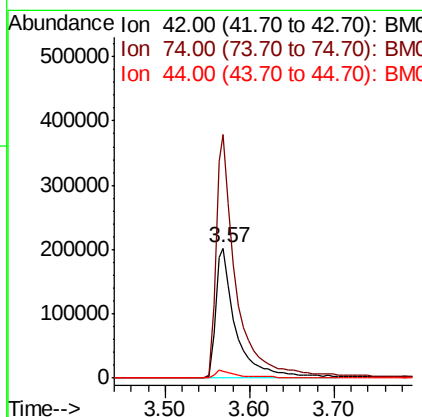
RT: 3.57 min Scan# 82

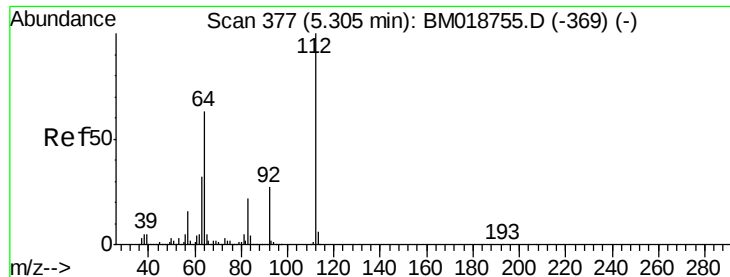
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:	42	Resp:	337386
Ion Ratio	Lower	Upper	
42	100		
74	187.4	158.1	237.1
44	5.7	4.9	7.3





#5

2-Fluorophenol

Concen: 160.035 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:112 Resp: 2916911

Ion Ratio Lower Upper

112 100

64 65.4 50.6 75.8

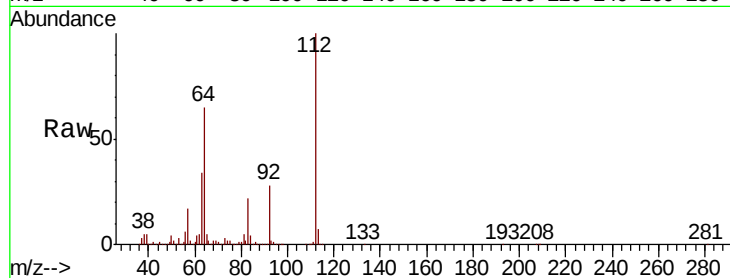
63 33.8 25.7 38.5

Manual Integrations

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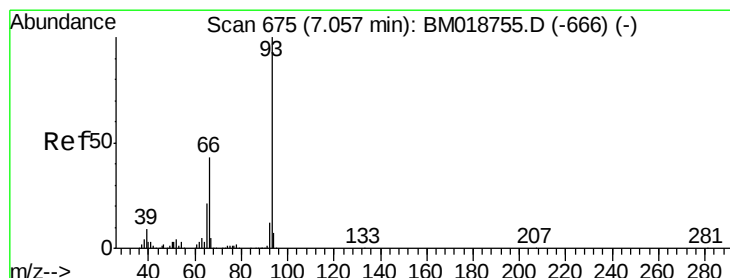
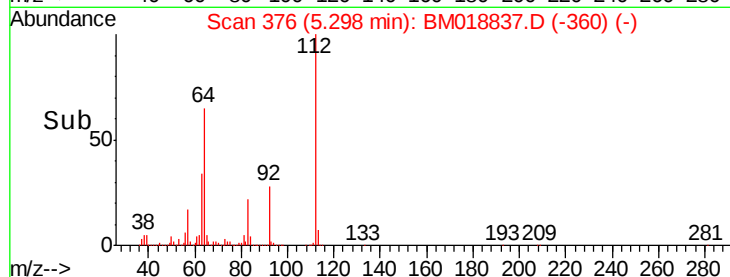
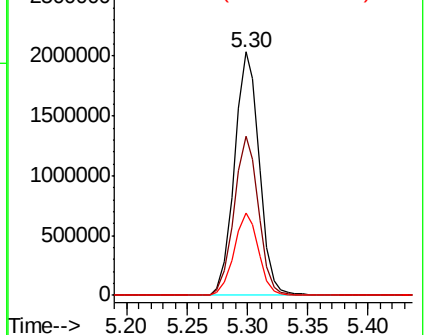
2/19/2019 10:03:03 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 54.213 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

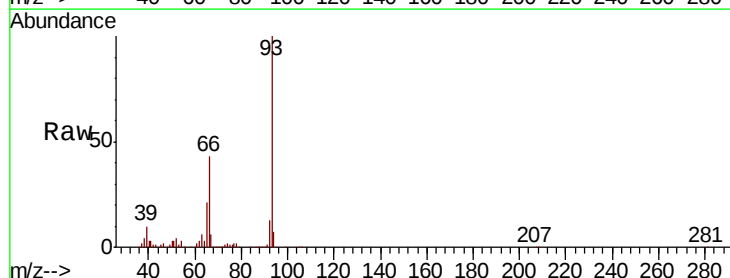
Tgt Ion: 93 Resp: 1705580

Ion Ratio Lower Upper

93 100

66 42.8 34.1 51.1

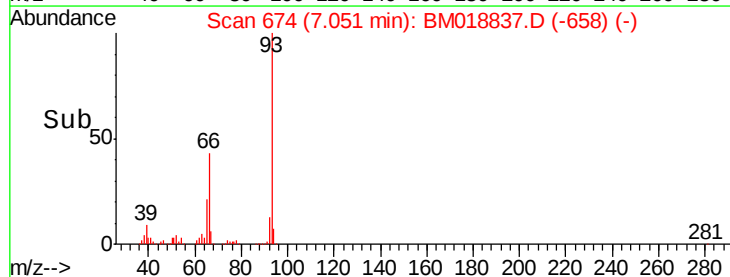
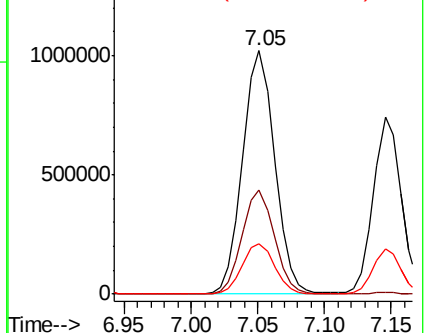
65 20.7 16.6 24.8

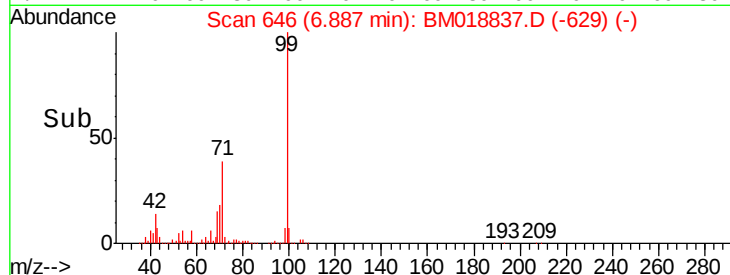
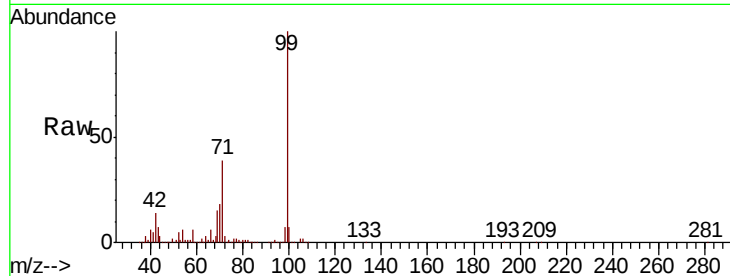
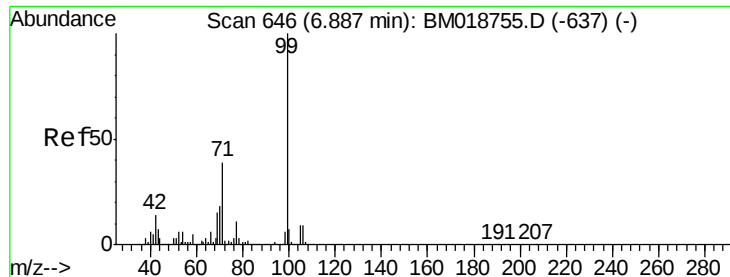


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 163.037 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tot Ion:	99	Resp:	4186292
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	39.3	31.3	46.9

Instrument :

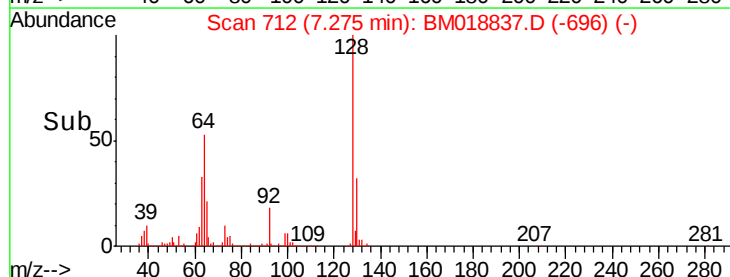
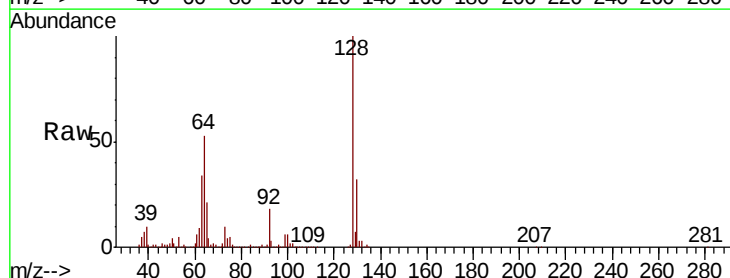
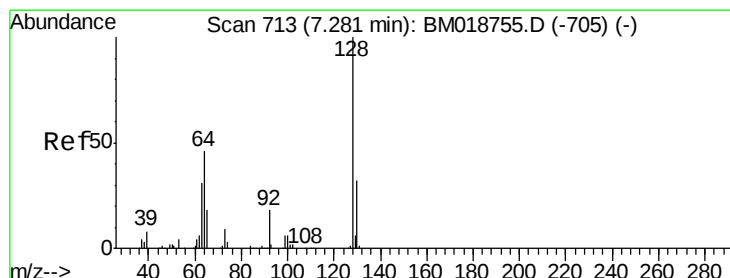
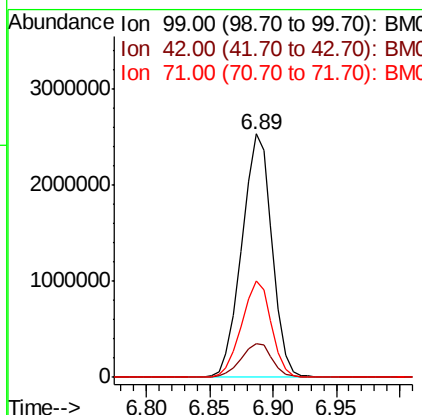
BNA_M

ClientSampleId :

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2/19/2019 10:03:03 AM



#8

2-Chlorophenol

Concen: 54.394 ng

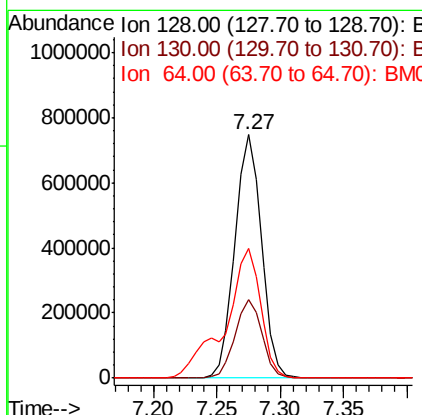
RT: 7.27 min Scan# 712

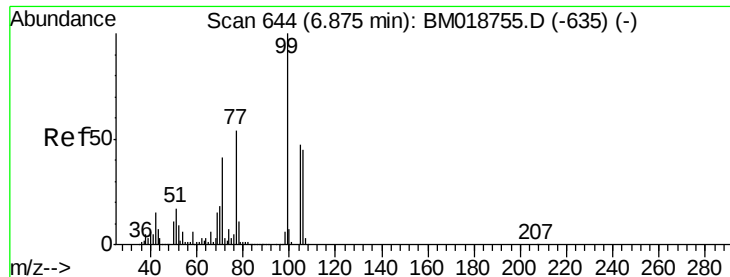
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:	128	Resp:	1088498
Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	53.3	31.0	71.0





#9

Benzaldehyde

Concen: 42.562 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

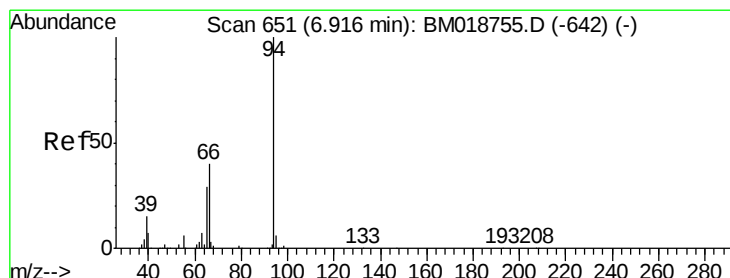
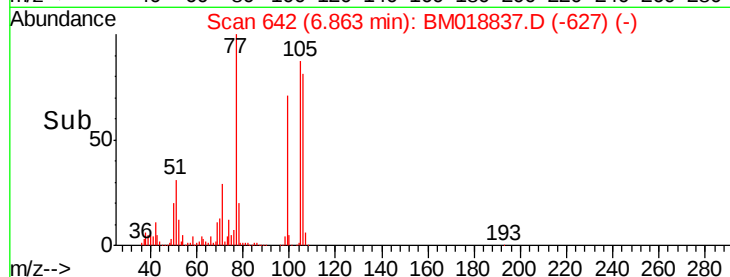
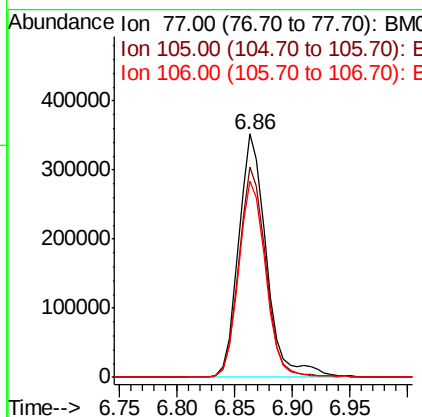
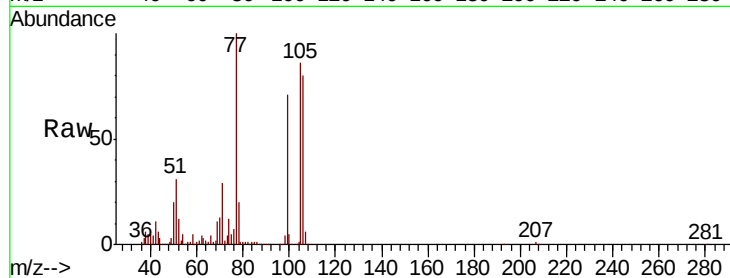
ClientSampleId :

CH-021419MS

Tot Ion:	77	Resp:	587233
Ion Ratio	Lower	Upper	
77	100		
105	86.5	67.3	107.3
106	80.4	62.9	102.9

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#10

Phenol

Concen: 60.670 ng

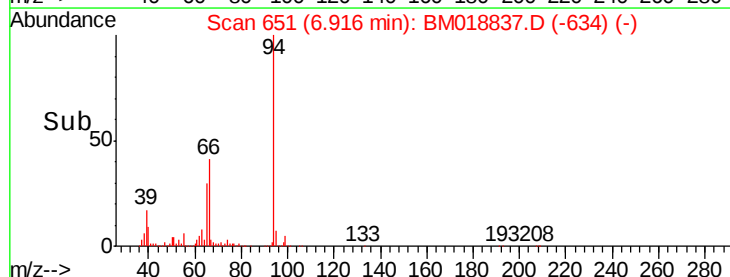
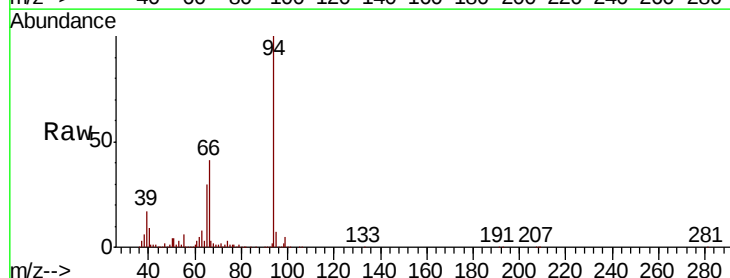
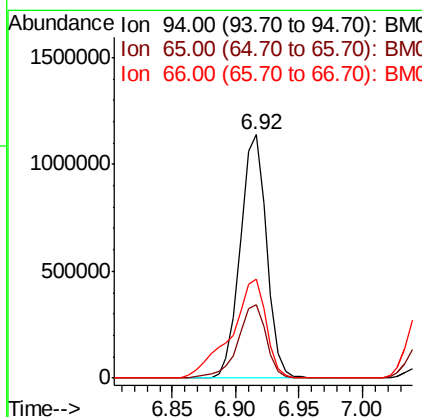
RT: 6.92 min Scan# 651

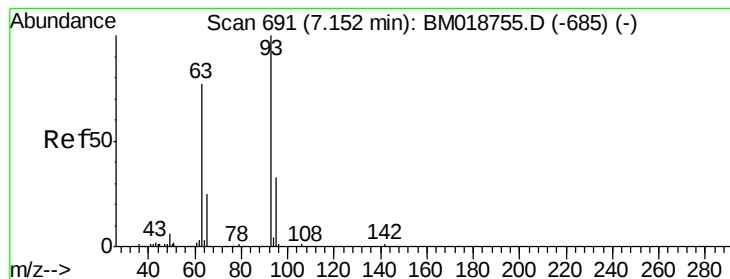
Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:	94	Resp:	1639122
Ion Ratio	Lower	Upper	
94	100		
65	30.1	9.6	49.6
66	40.5	20.4	60.4





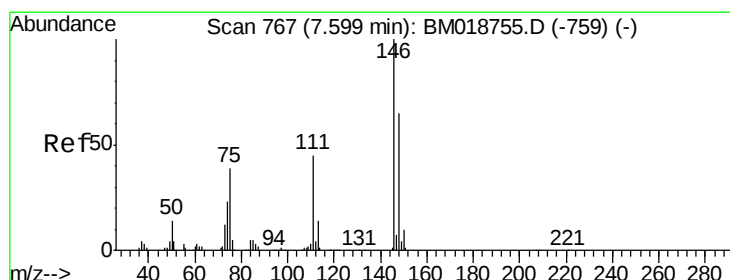
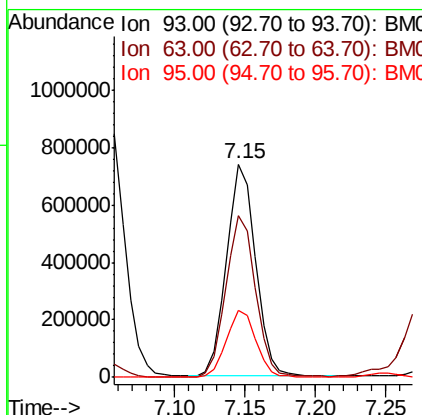
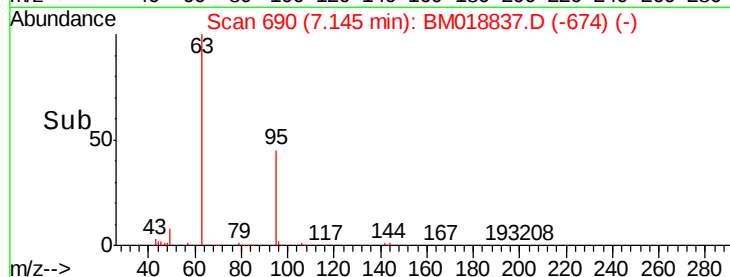
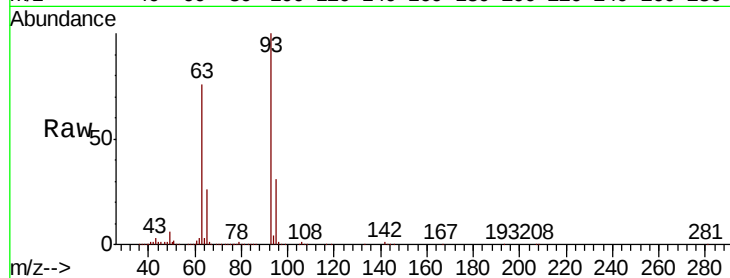
#11
bis(2-Chloroethyl)ether
Concen: 51.391 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion: 93 Resp: 1059121
Ion Ratio Lower Upper
93 100
63 76.1 57.0 97.0
95 31.4 12.4 52.4

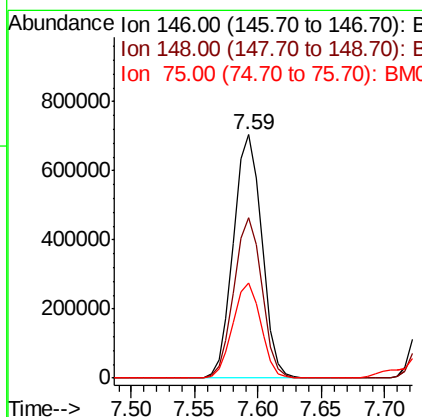
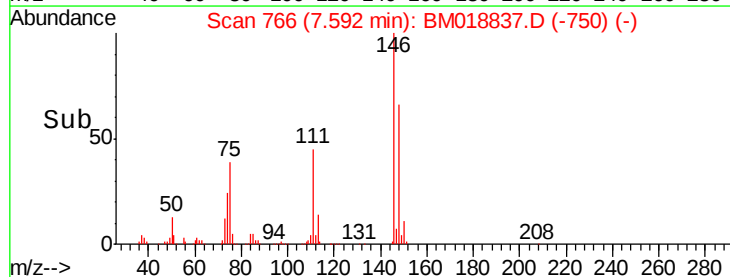
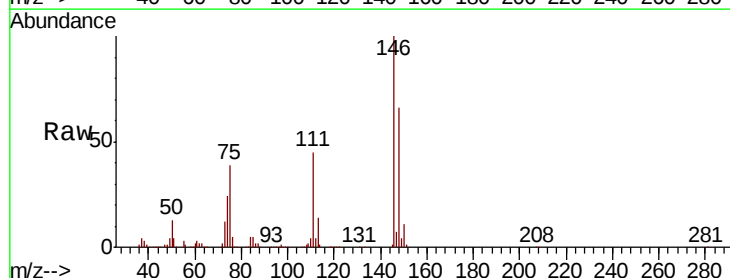
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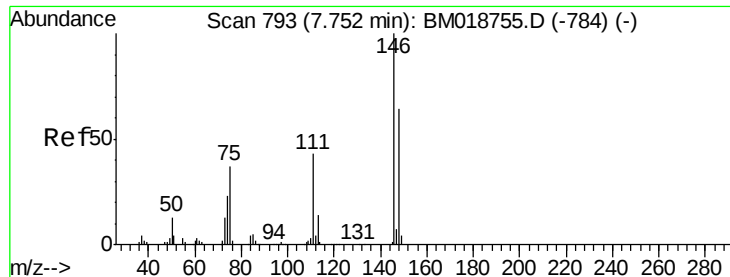
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#12
1,3-Dichlorobenzene
Concen: 48.484 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion: 146 Resp: 1090963
Ion Ratio Lower Upper
146 100
148 66.0 51.7 77.5
75 38.9 31.3 46.9





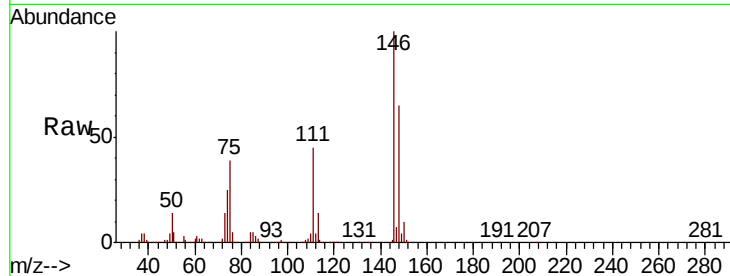
#13
 1,4-Dichlorobenzene
 Concen: 48.897 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	44.6	34.6	52.0

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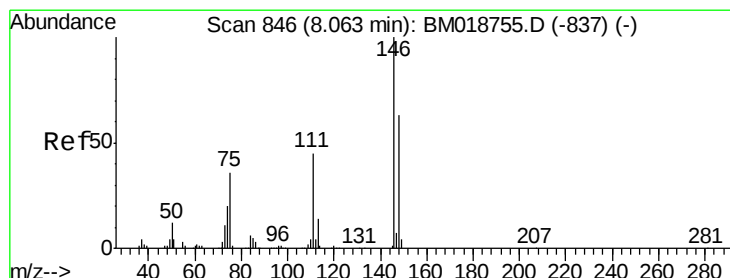
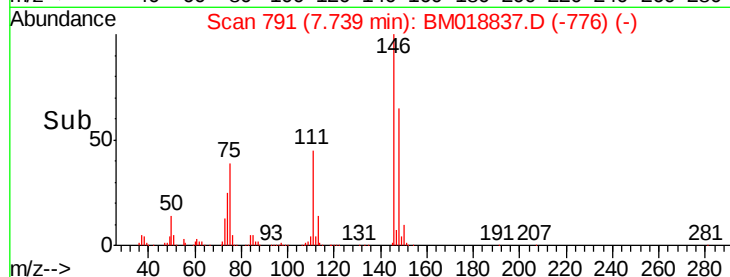
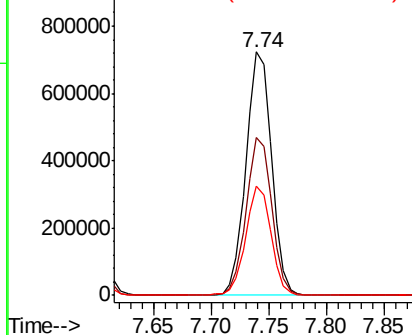


Abundance

Ion 146.00 (145.70 to 146.70): E

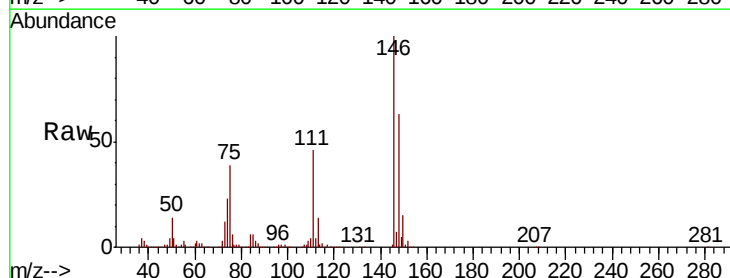
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 49.436 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
111	46.5	35.9	53.9

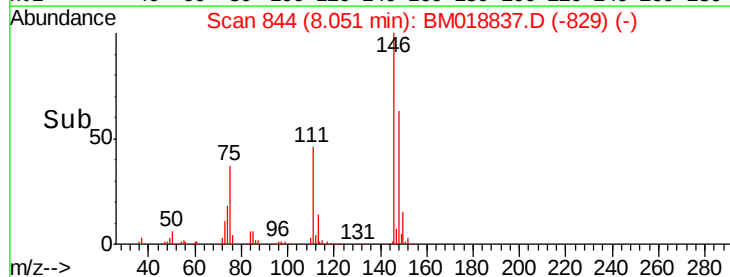
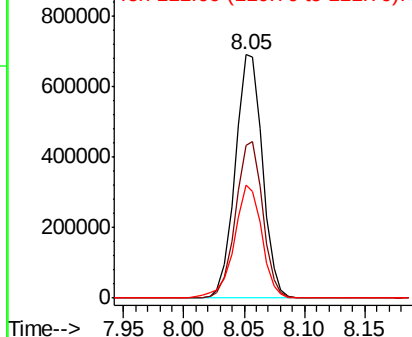


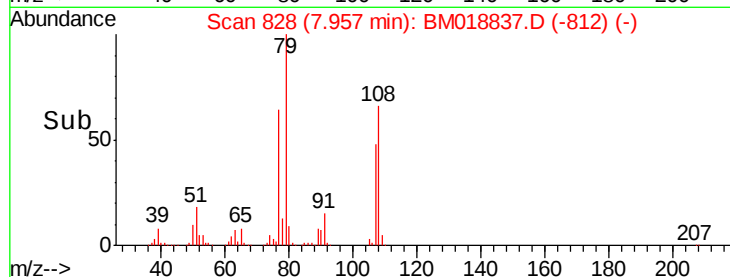
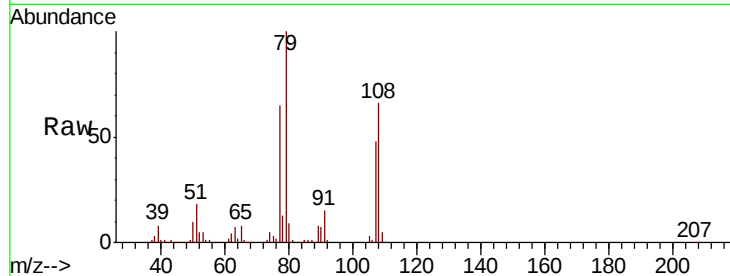
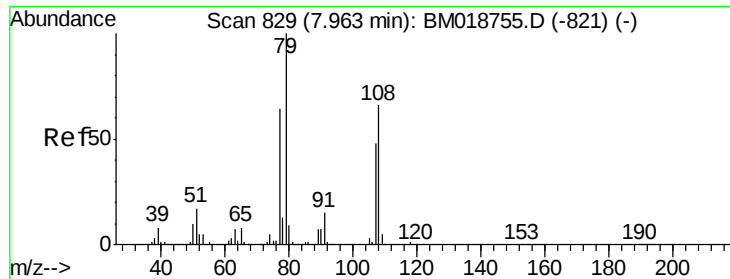
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.842 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tot Ion:	79	Resp:	1118917
Ion	Ratio	Lower	Upper
79	100		
108	66.3	52.7	79.1
77	64.5	51.0	76.4

Instrument :

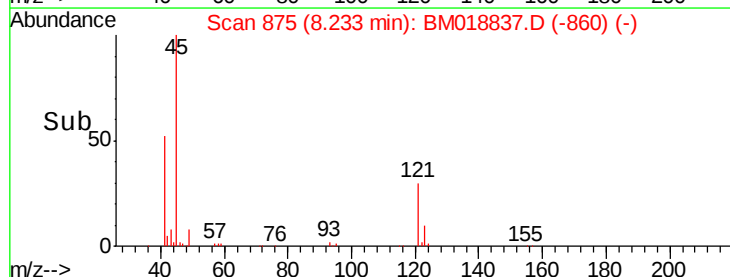
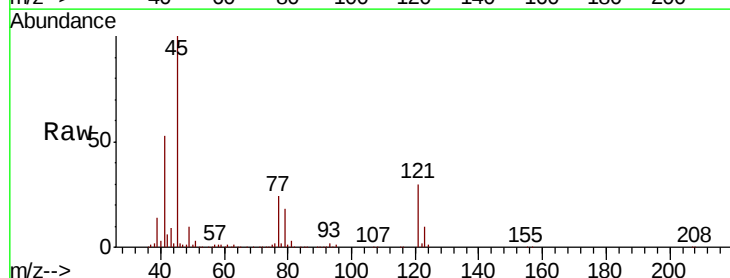
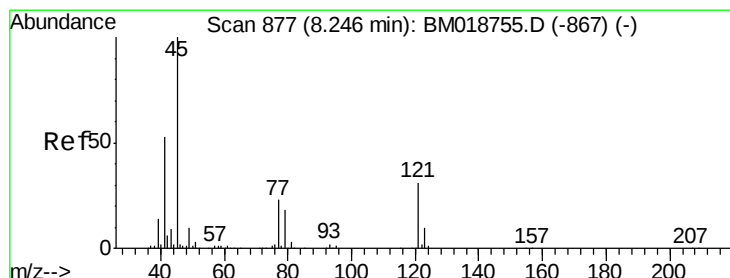
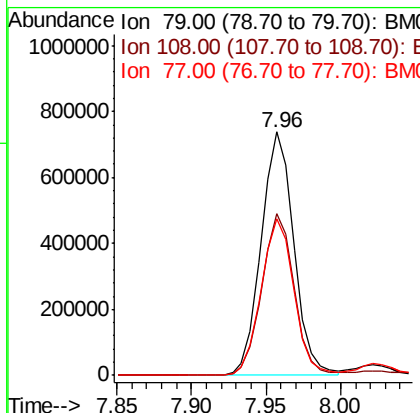
BNA_M

ClientSampleId :

CH-021419MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.477 ng

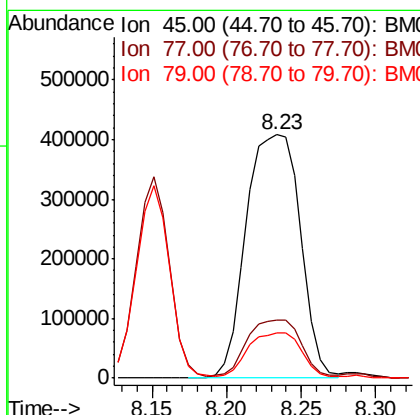
RT: 8.23 min Scan# 875

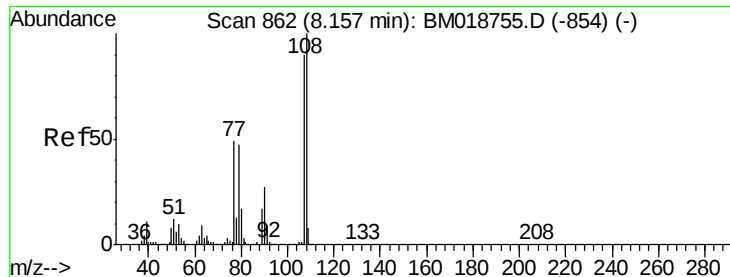
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:	45	Resp:	1026799
Ion	Ratio	Lower	Upper
45	100		
77	24.0	5.0	45.0
79	18.3	0.0	39.3





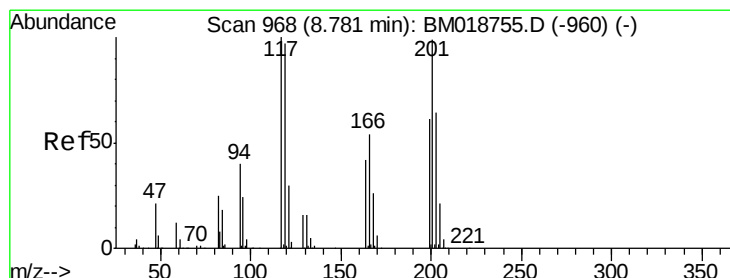
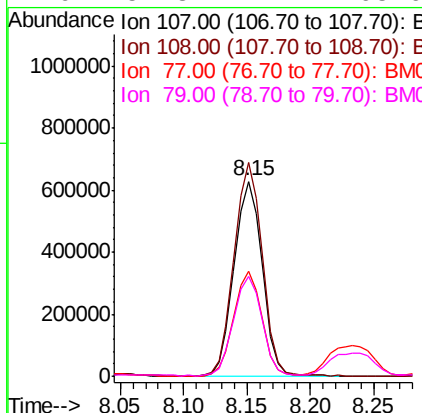
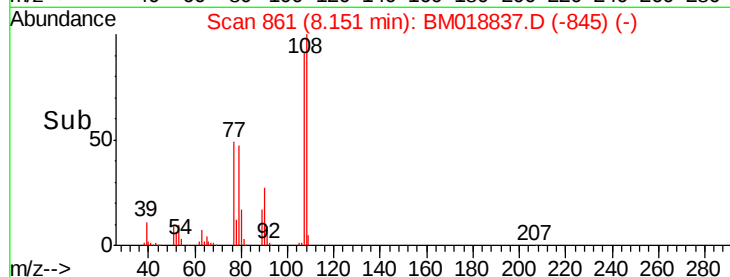
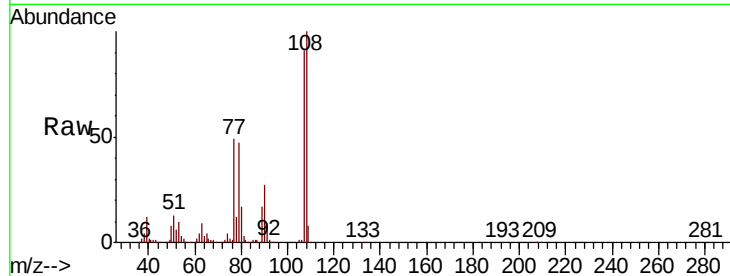
#17
2-Methylphenol
Concen: 55.869 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampled :
CH-021419MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	88.8	133.2	
77	53.9	44.0	66.0	
79	51.3	42.4	63.6	

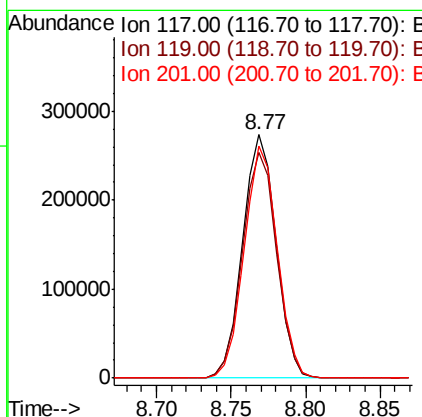
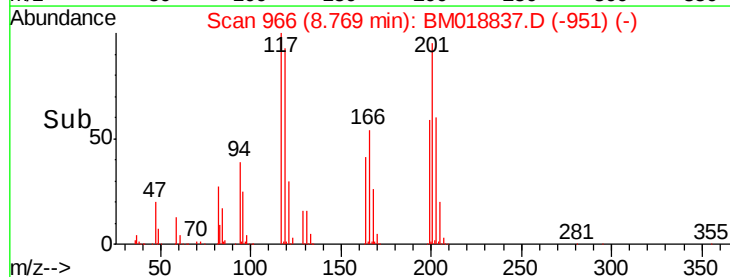
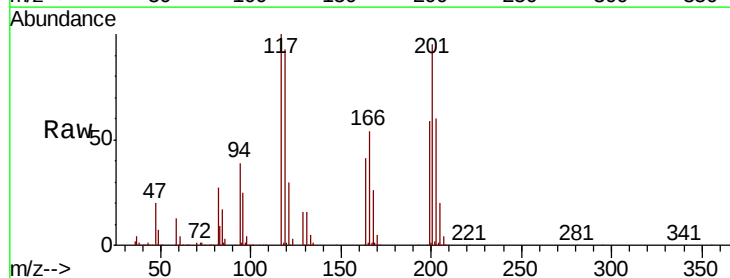
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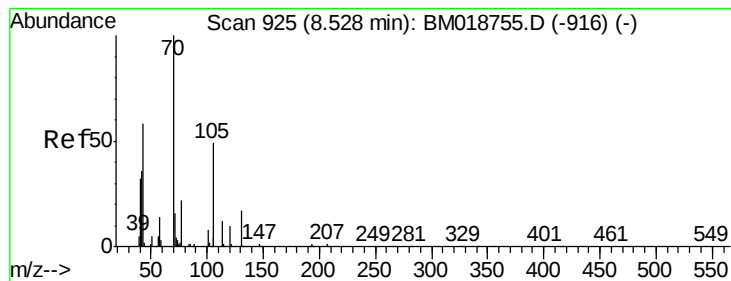
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#18
Hexachloroethane
Concen: 50.797 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.7	77.9	116.9	
201	95.1	79.2	118.8	





#19

n-Nitroso-di-n-propylamine

Concen: 52.177 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion: 70 Resp: 1037318

Ion Ratio Lower Upper

70 100

42 37.7 29.4 44.0

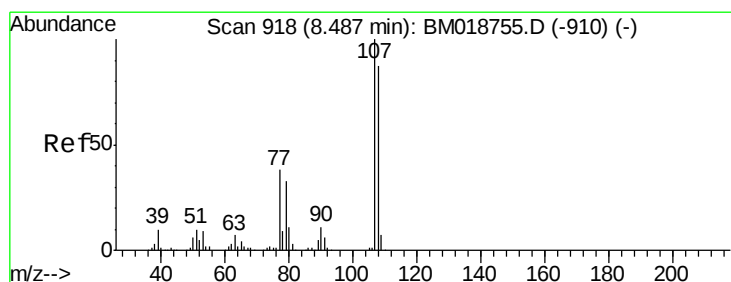
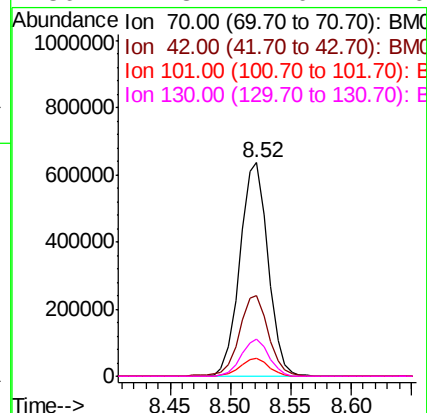
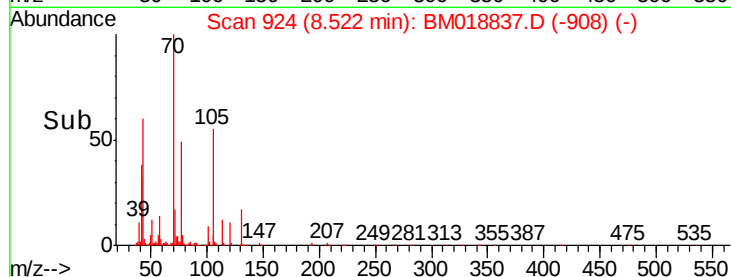
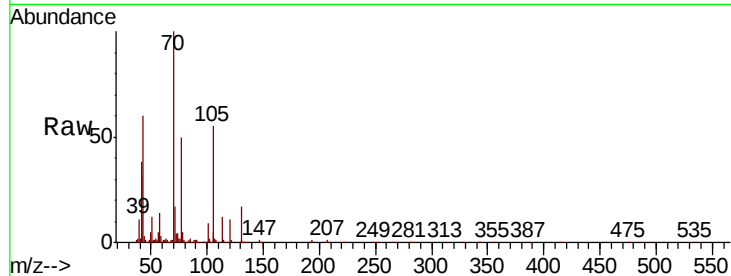
101 8.6 6.7 10.1

130 17.3 14.0 21.0

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#20

3+4-Methylphenols

Concen: 55.522 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion: 107 Resp: 1318343

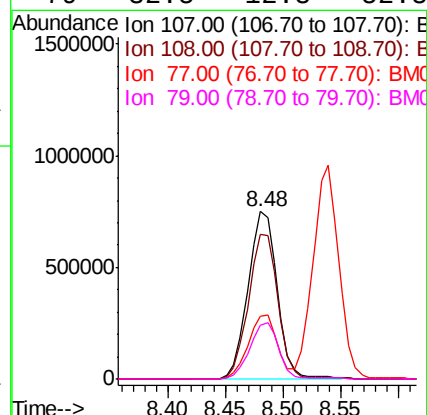
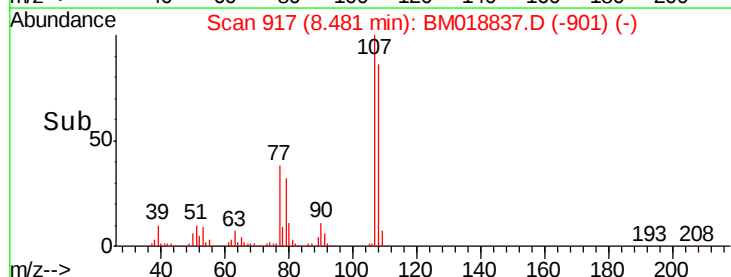
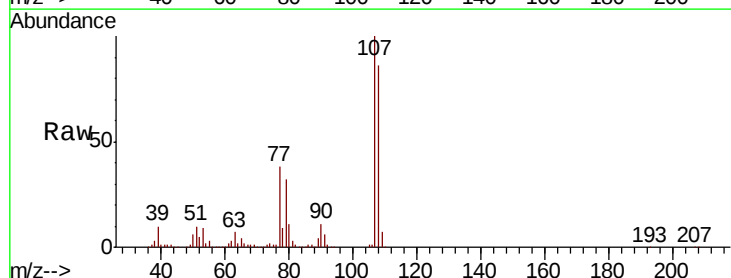
Ion Ratio Lower Upper

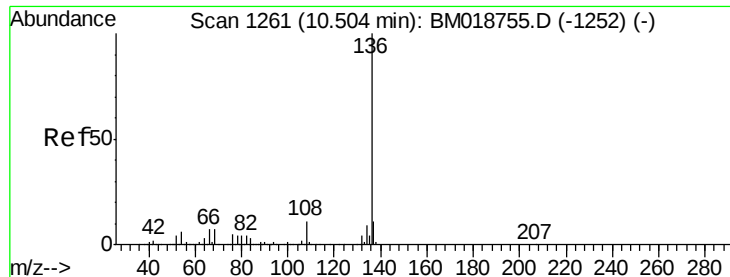
107 100

108 86.1 67.3 107.3

77 37.8 18.0 58.0

79 32.5 12.8 52.8





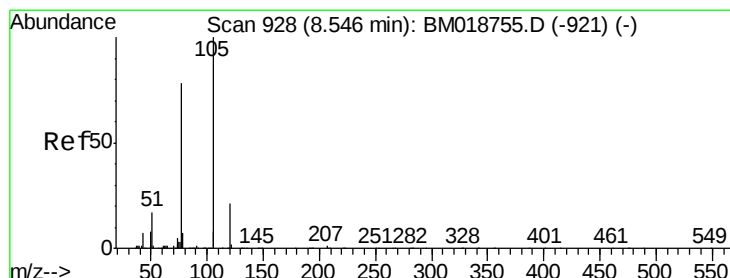
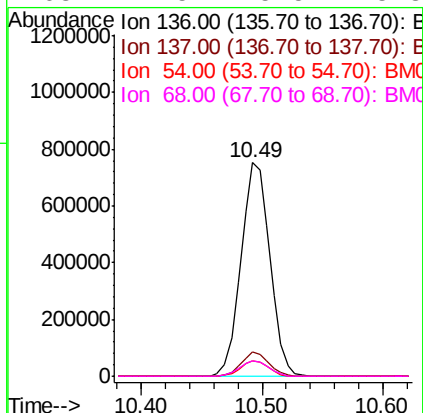
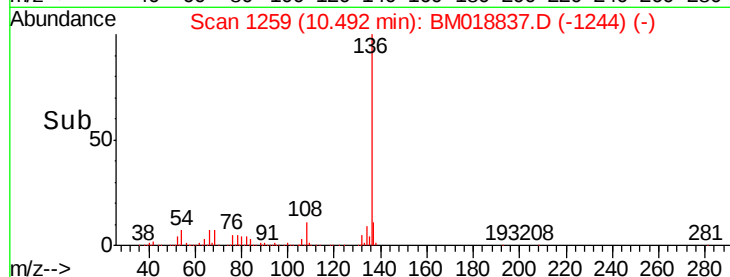
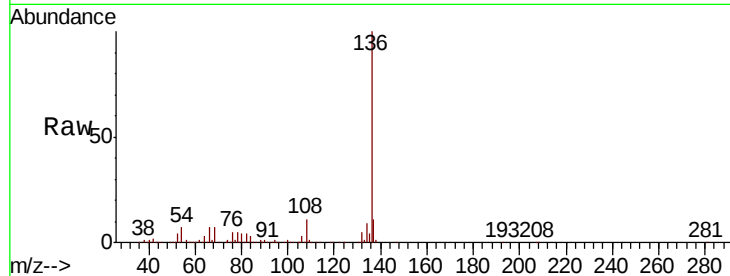
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.0	7.6
68	7.5	5.5	8.3

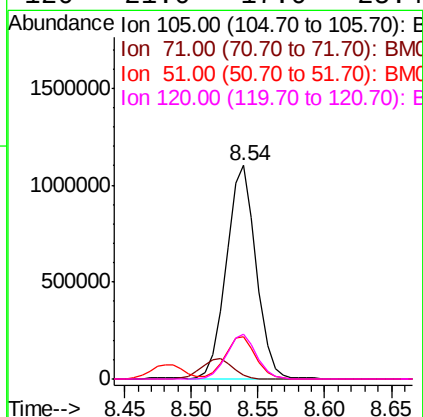
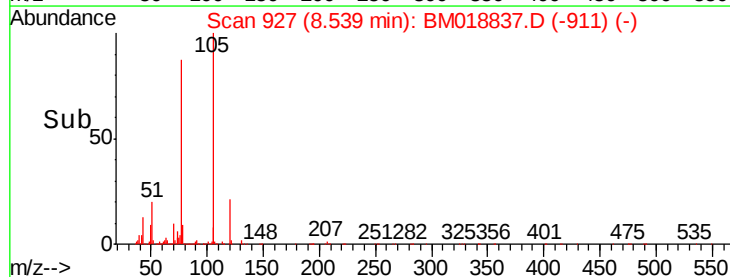
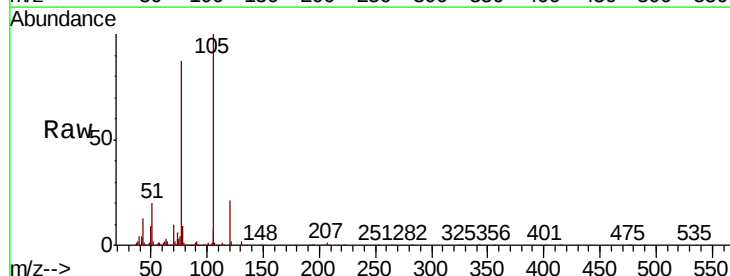
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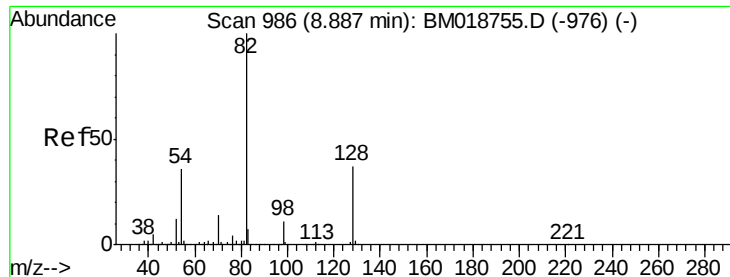
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#22
Acetophenone
Concen: 49.273 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.1	1.7
51	19.9	15.5	23.3
120	21.0	17.0	25.4





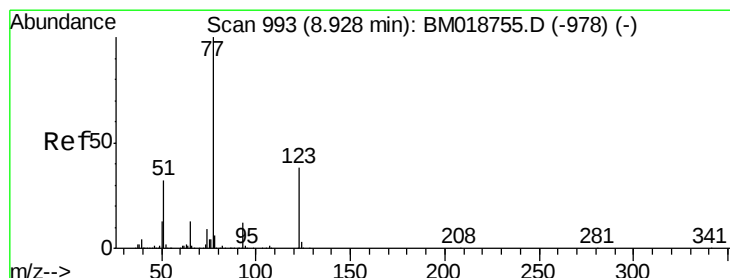
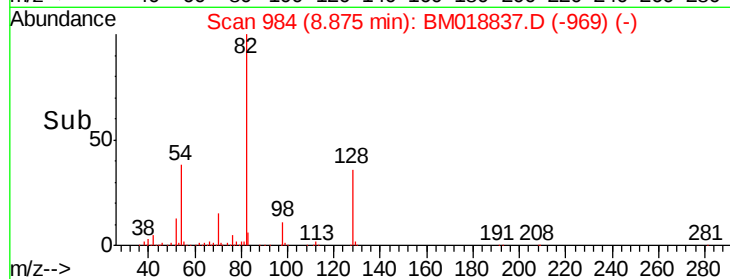
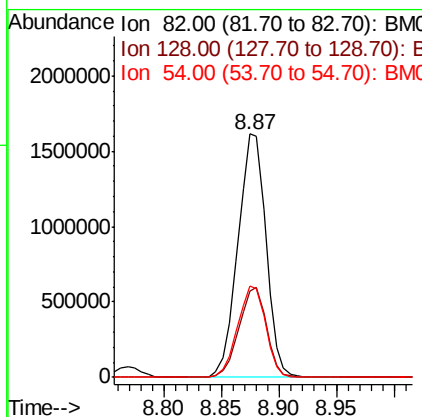
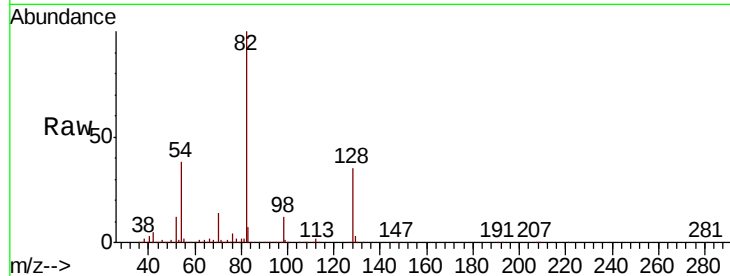
#23
 Nitrobenzene-d5
 Concen: 100.333 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion	82	Resp	2727621
Ion Ratio	100	Lower	Upper
82	100		
128	35.5	29.9	44.9
54	37.6	29.1	43.7

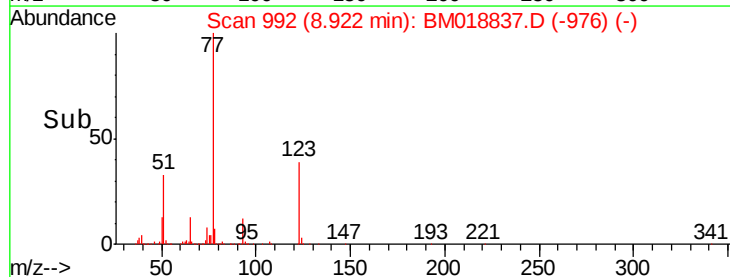
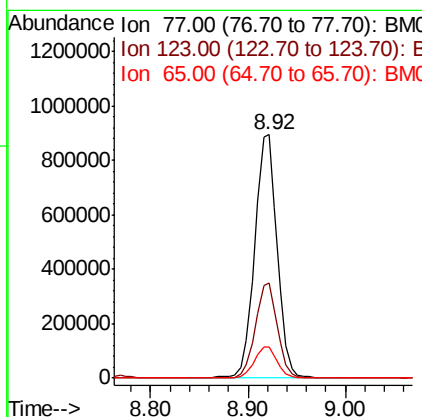
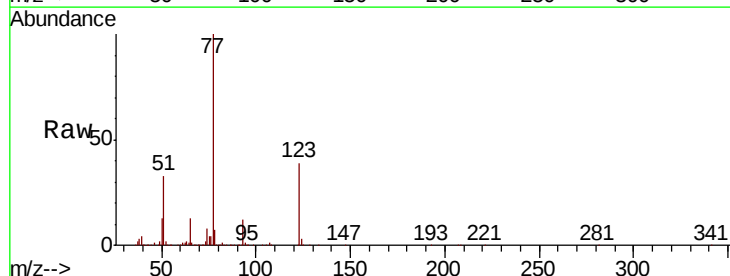
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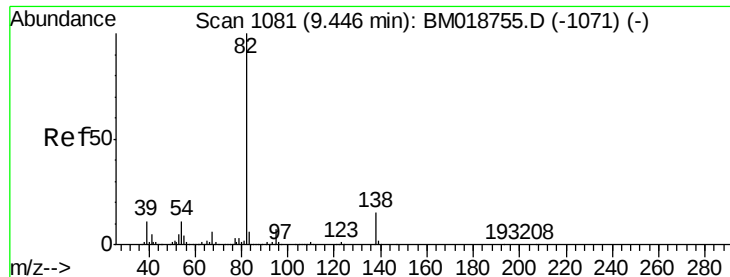
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#24
 Nitrobenzene
 Concen: 51.559 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion	77	Resp	1454940
Ion Ratio	100	Lower	Upper
77	100		
123	39.0	30.7	46.1
65	13.0	10.5	15.7





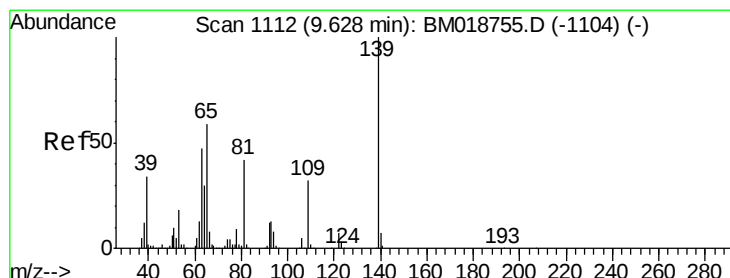
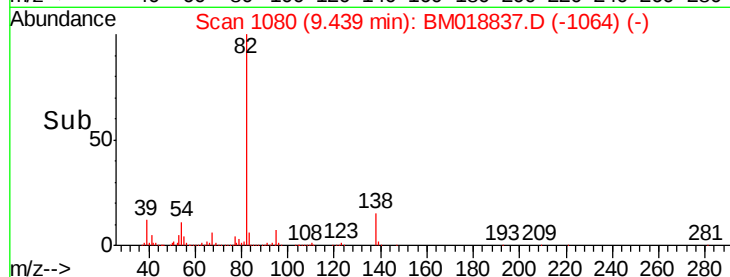
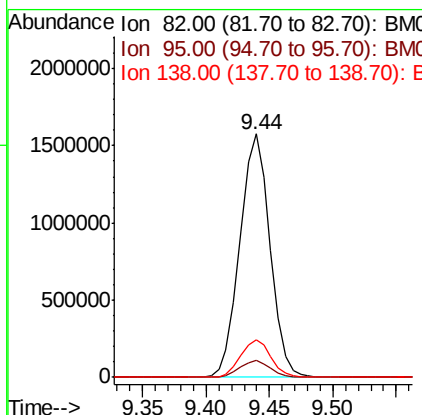
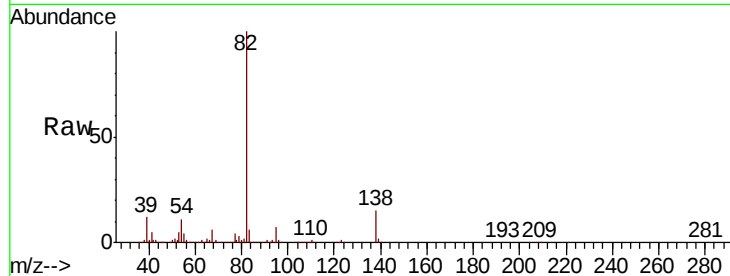
#25
Isophorone
Concen: 59.871 ng
RT: 9.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	15.4	12.3	18.5

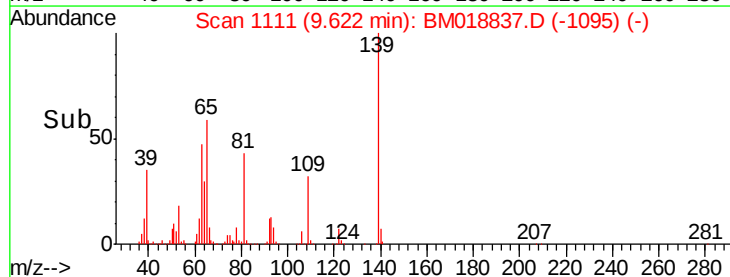
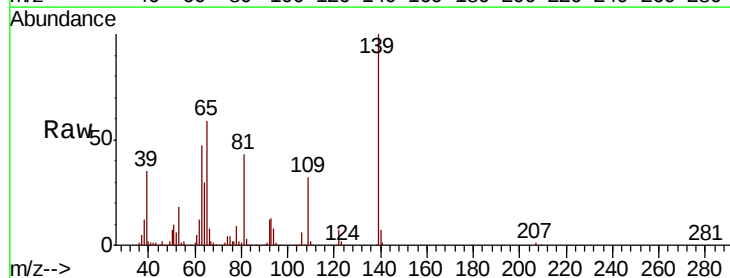
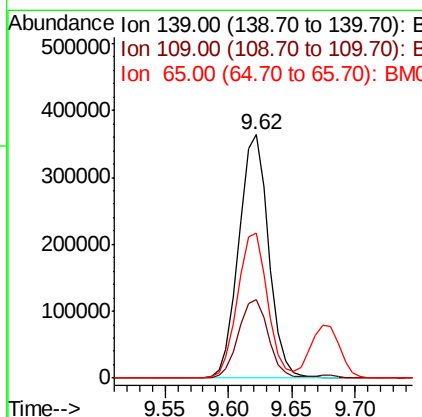
Manual Integrations
APPROVED

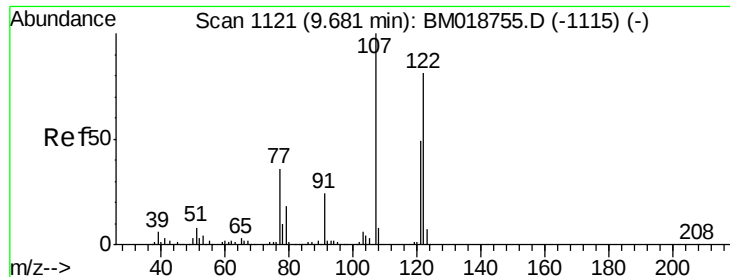
Sohil
2/19/2019 10:03:03 AM



#26
2-Nitrophenol
Concen: 52.792 ng
RT: 9.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.1	25.2	37.8
65	59.4	47.0	70.4





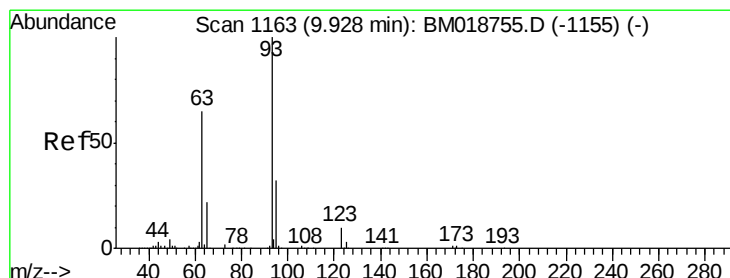
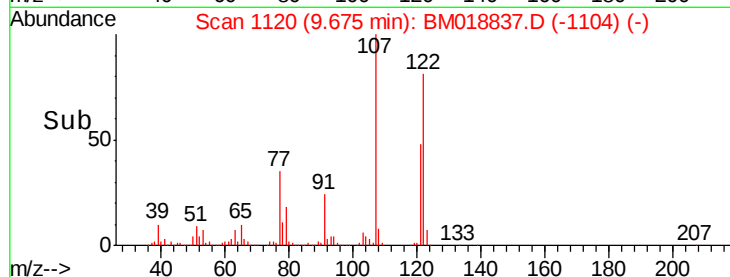
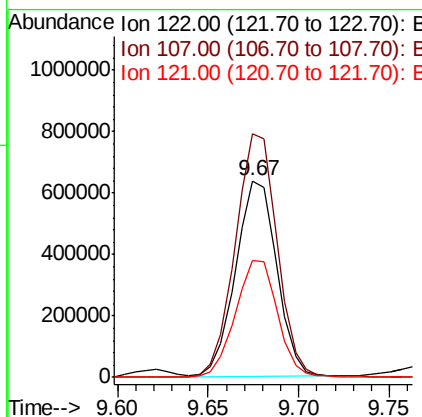
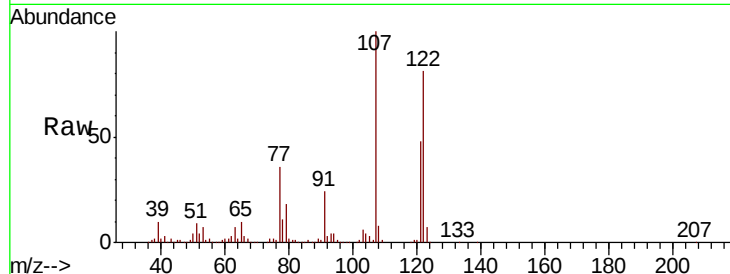
#27
2,4-Dimethylphenol
Concen: 61.477 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	97.6	146.4
121	59.2	47.9	71.9

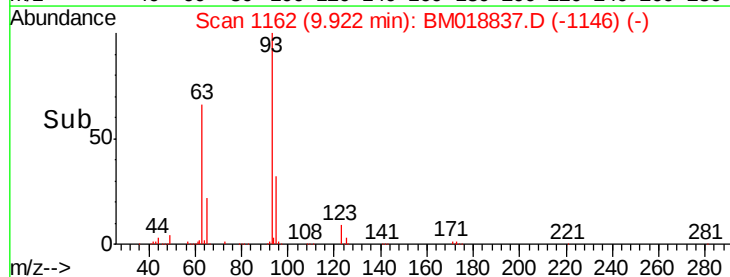
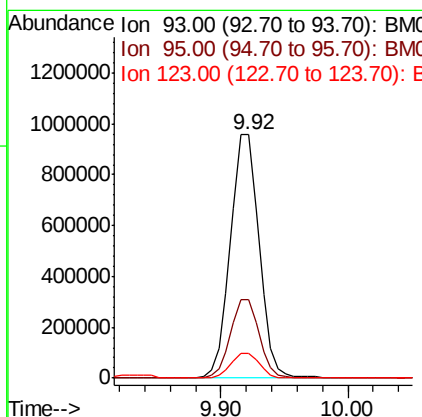
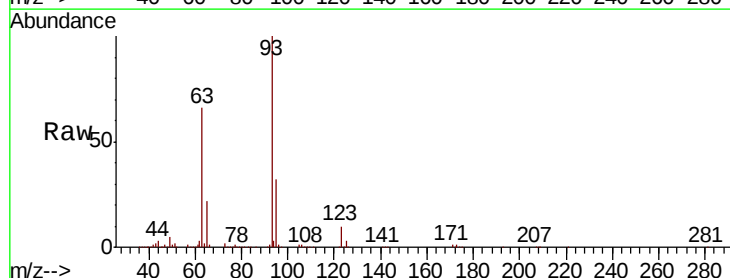
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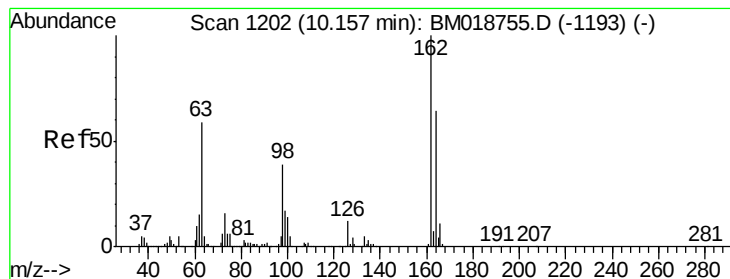
Sohil
2/19/2019 10:03:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 53.654 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.4	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 55.324 ng

RT: 10.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:162 Resp: 1042653

Ion Ratio Lower Upper

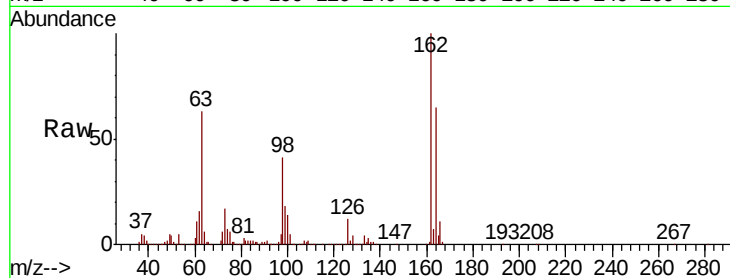
162 100

164 65.4 44.1 84.1

98 41.0 19.4 59.4

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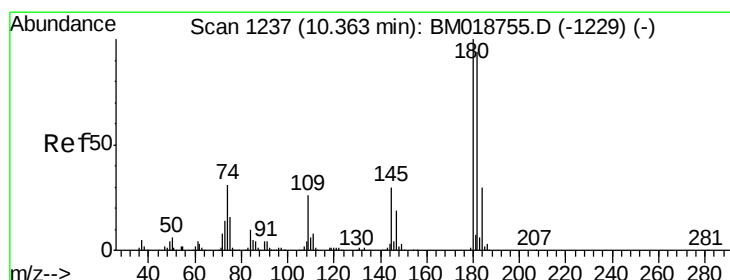
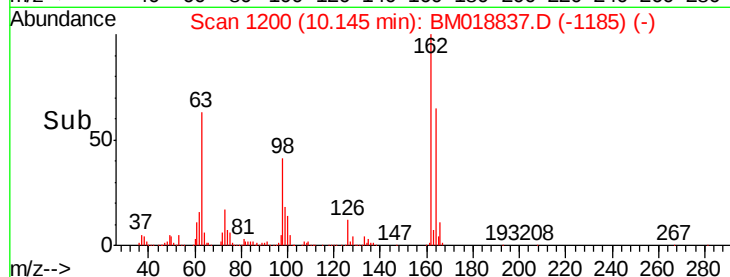
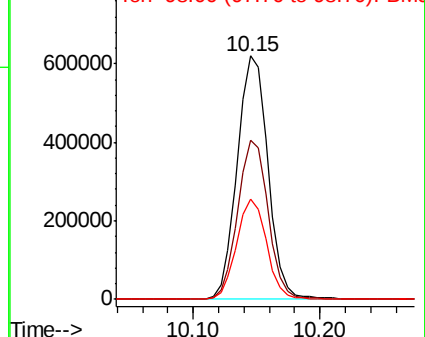


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 49.191 ng

RT: 10.36 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

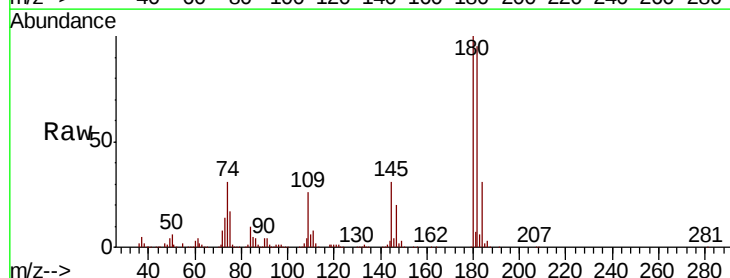
Tgt Ion:180 Resp: 1070637

Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

145 30.9 24.1 36.1

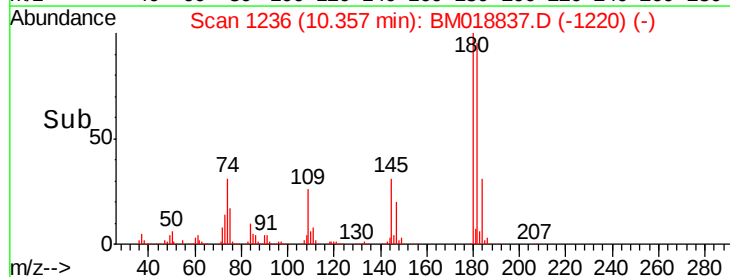
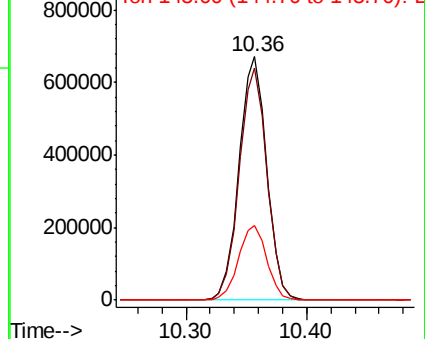


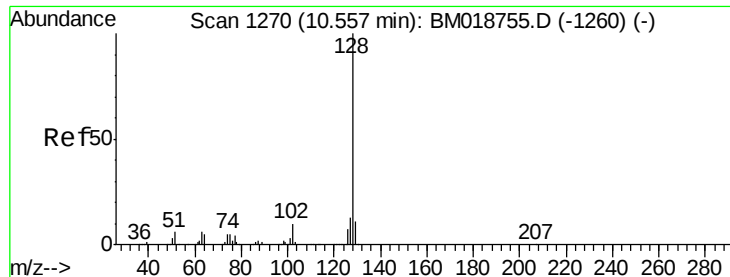
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





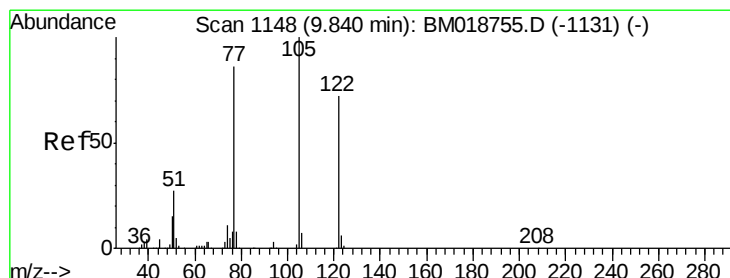
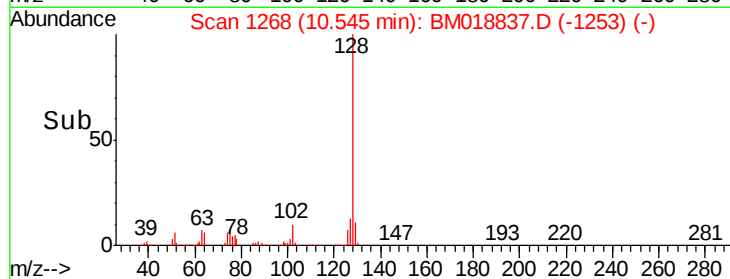
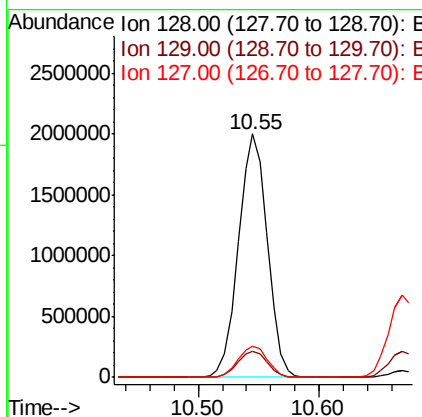
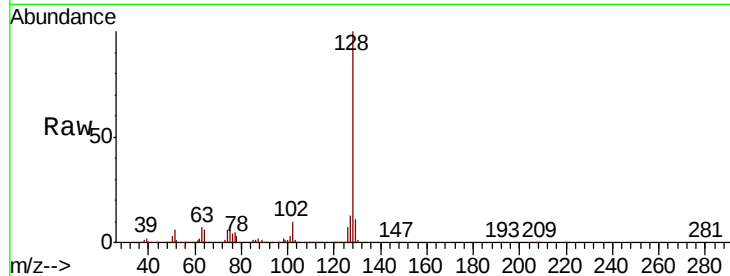
#31
Naphthalene
Concen: 54.187 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.0	10.7	16.1

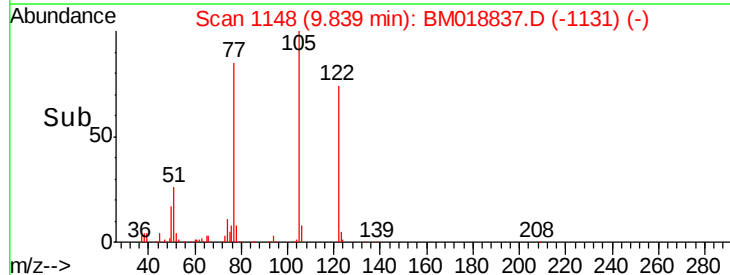
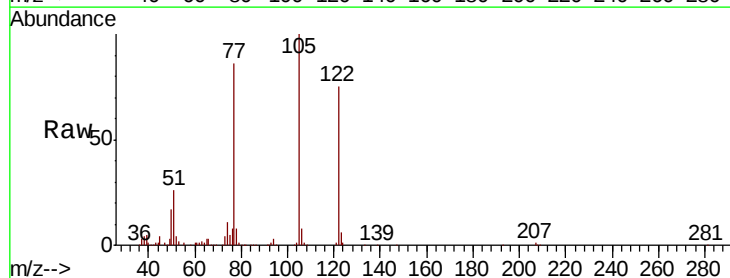
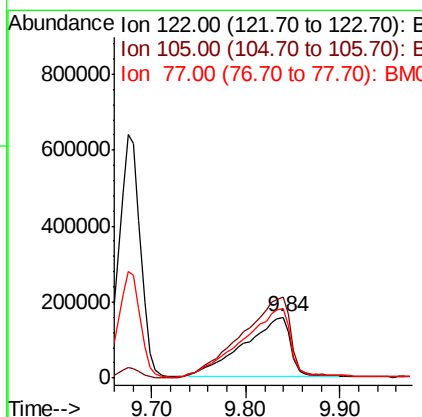
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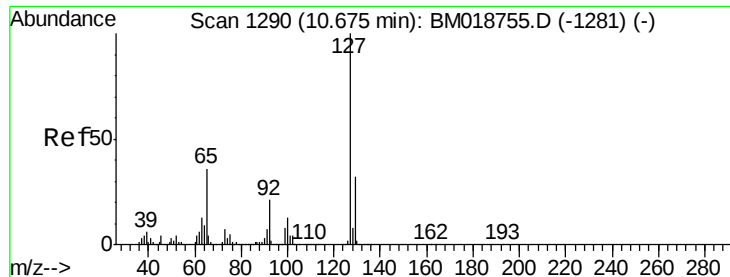
Sohil
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#32
Benzoic acid
Concen: 37.556 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	117.5	157.5
77	114.7	98.5	138.5





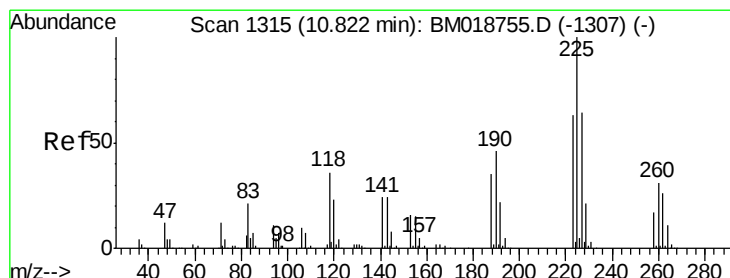
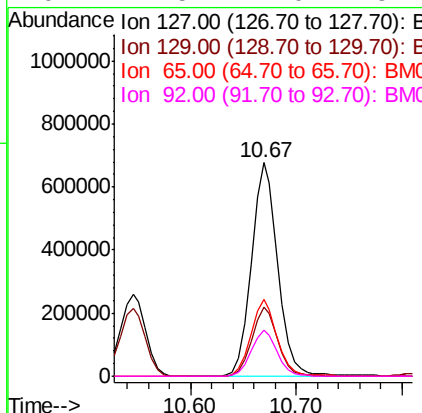
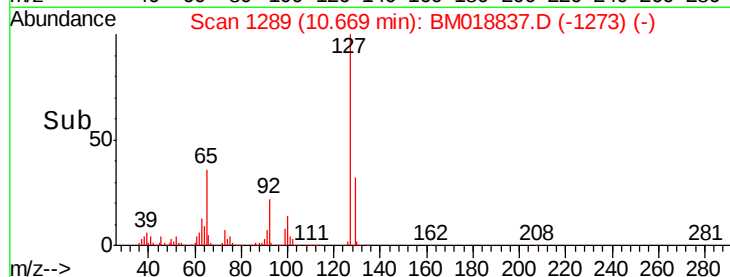
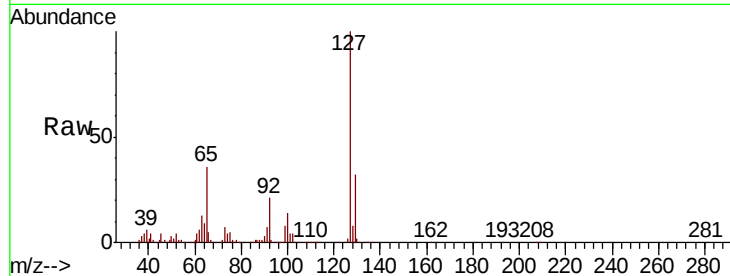
#33
4-Chloroaniline
Concen: 42.681 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.3	25.7	38.5	
65	36.1	28.7	43.1	
92	21.5	17.0	25.4	

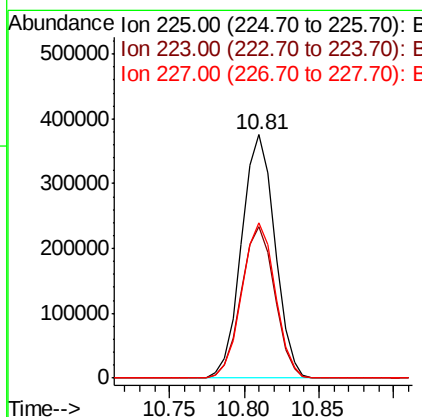
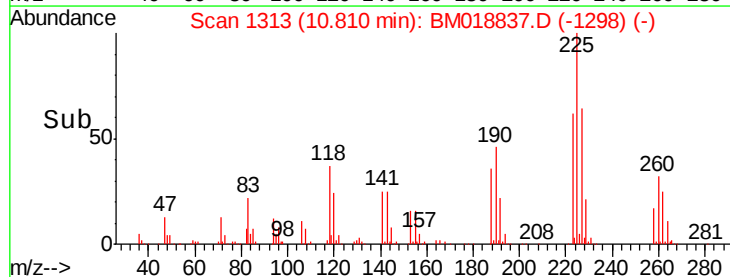
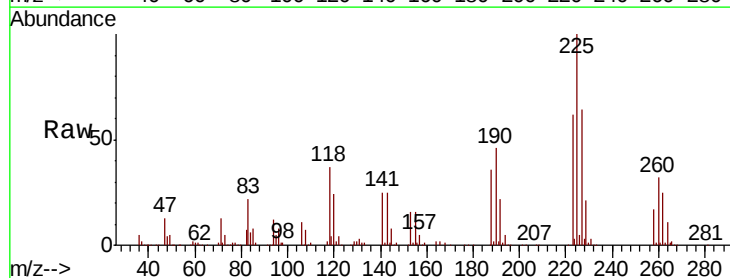
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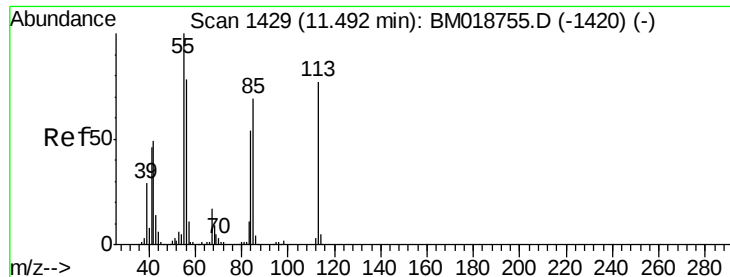
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#34
Hexachlorobutadiene
Concen: 45.971 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.4	50.1	75.1	
227	63.5	51.4	77.0	





#35

Caprolactam

Concen: 46.997 ng/ml

RT: 11.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:113 Resp: 361475

Ion Ratio Lower Upper

113 100

55 137.1 110.7 150.7

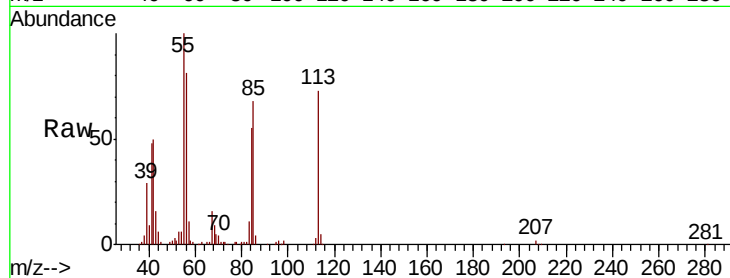
56 110.6 82.4 122.4

Manual Integrations

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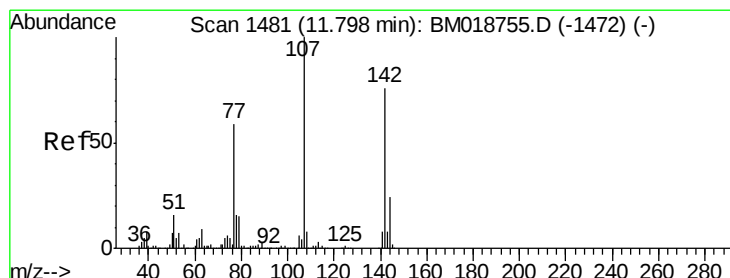
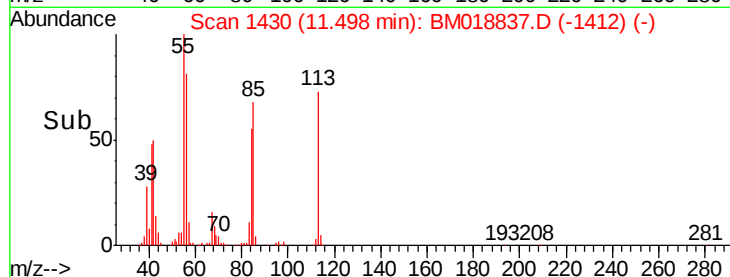
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM018837.D (-1420) (-)

Ion 56.00 (55.70 to 56.70): BM018837.D (-1420) (-)

Time-->



#36

4-Chloro-3-methylphenol

Concen: 55.161 ng/ml

RT: 11.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

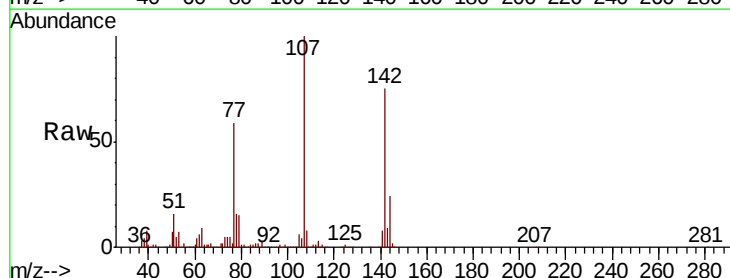
Tgt Ion:107 Resp: 1253409

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

142 75.1 60.5 90.7



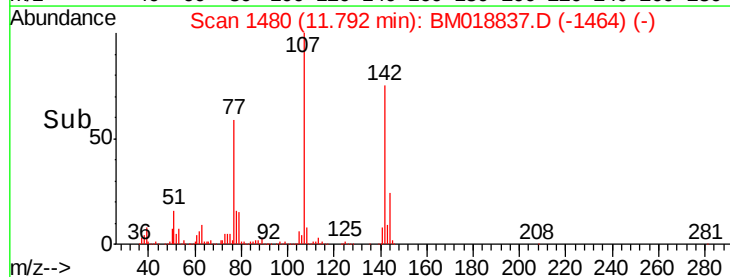
Abundance

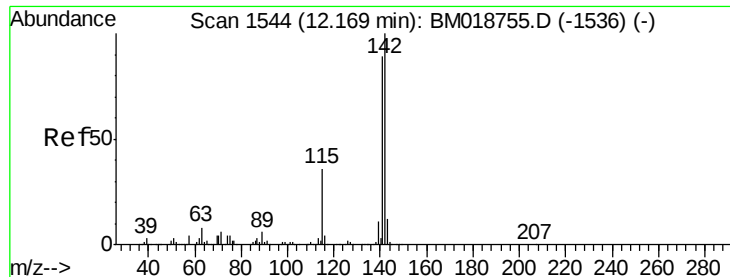
Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->





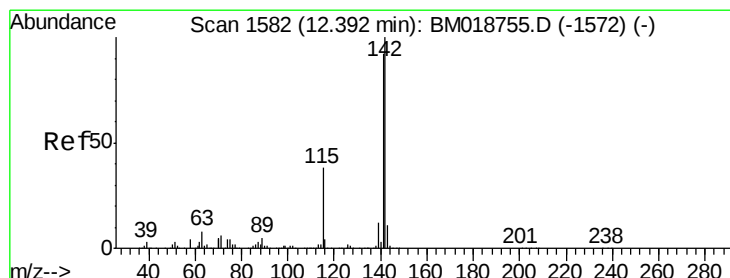
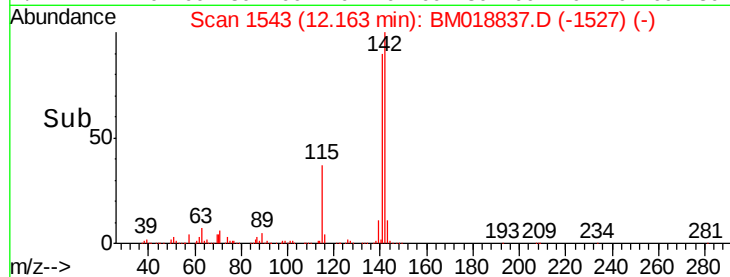
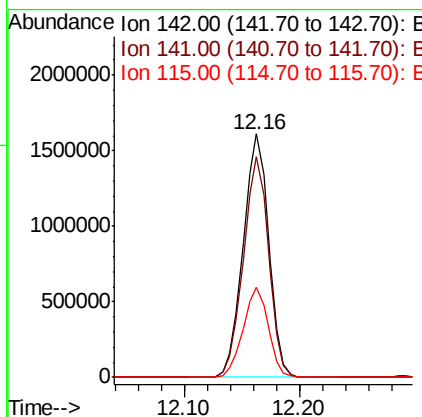
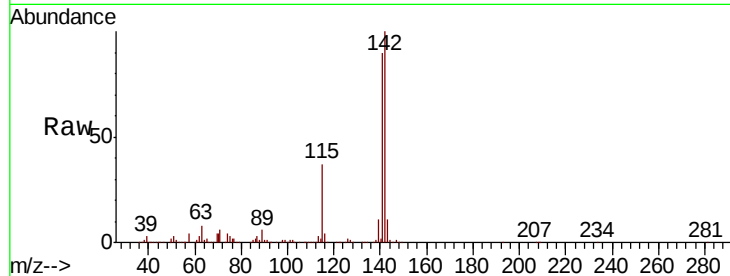
#37
2-Methylnaphthalene
Concen: 57.410 ng
RT: 12.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.2	106.8
115	37.0	29.1	43.7

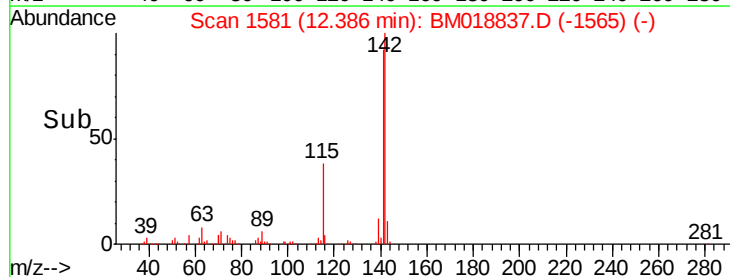
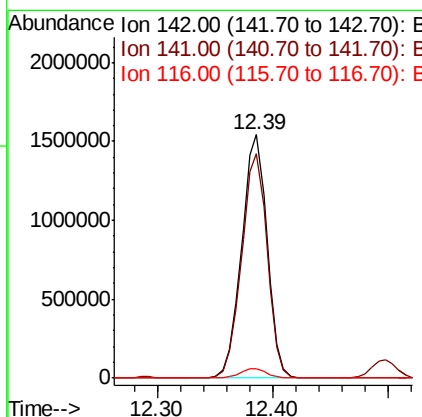
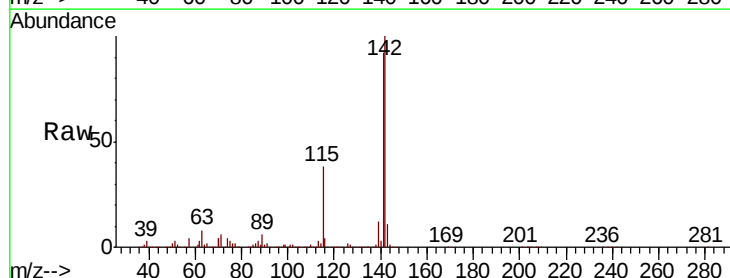
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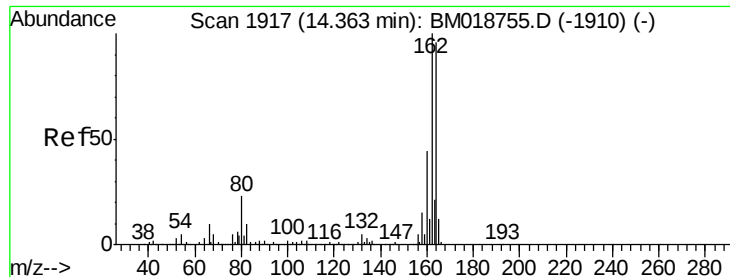
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#38
1-Methylnaphthalene
Concen: 55.928 ng
RT: 12.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

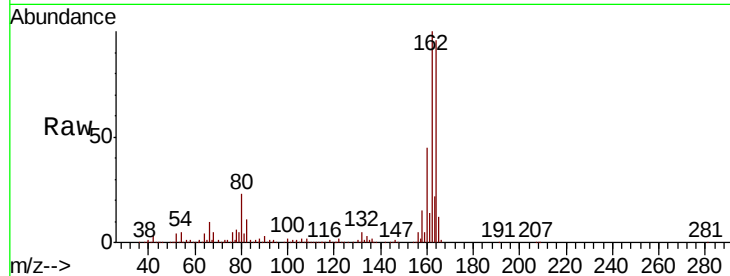
ClientSampleId :

CH-021419MS

Tot Ion:	164	Resp:	732964
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.4	125.0
160	46.9	36.6	55.0

Manual Integrations
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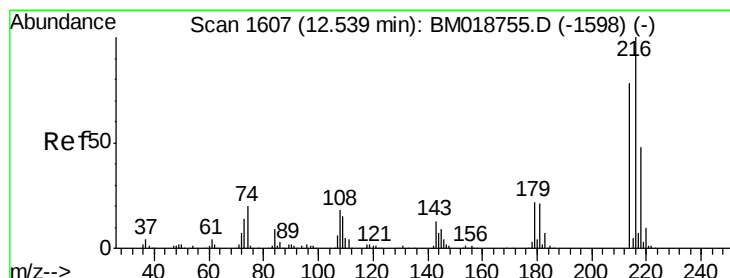
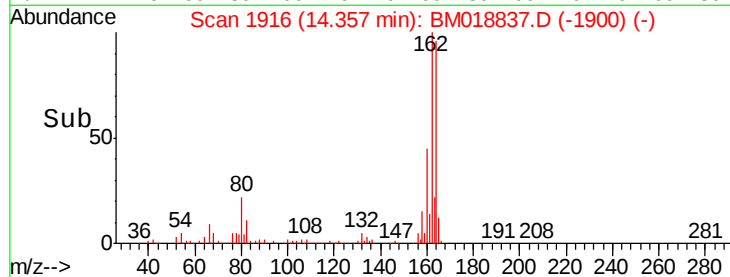
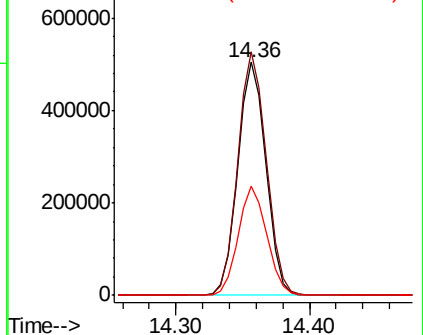


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.532 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:	216	Resp:	1161365
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.2	94.8
179	22.9	17.8	26.8
108	23.3	16.4	24.6

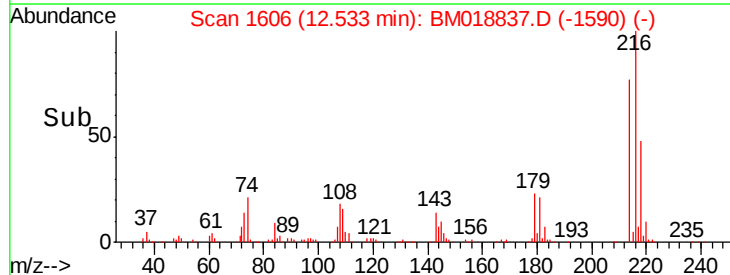
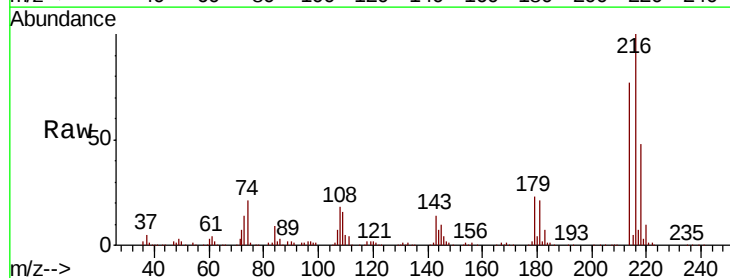
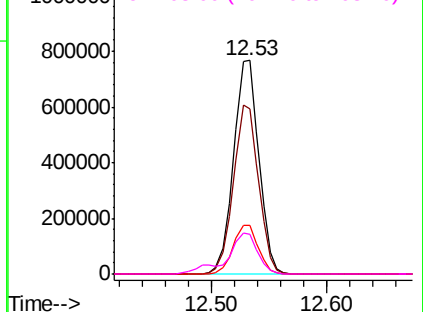
Abundance

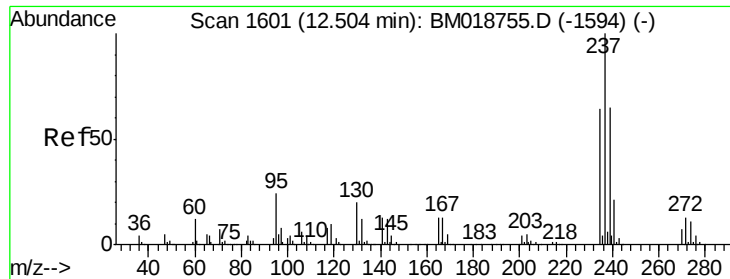
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 114.029 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:237 Resp: 1366943

Ion Ratio Lower Upper

237 100

235 61.8 43.7 83.7

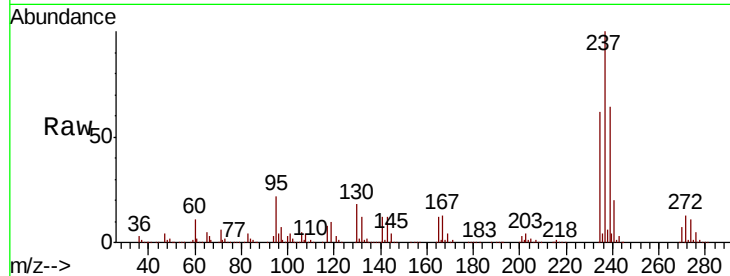
272 13.1 0.0 33.3

Manual Integrations

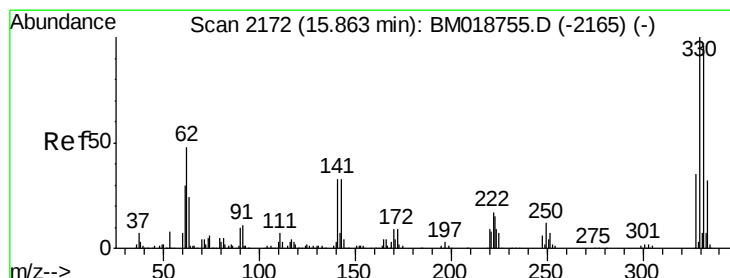
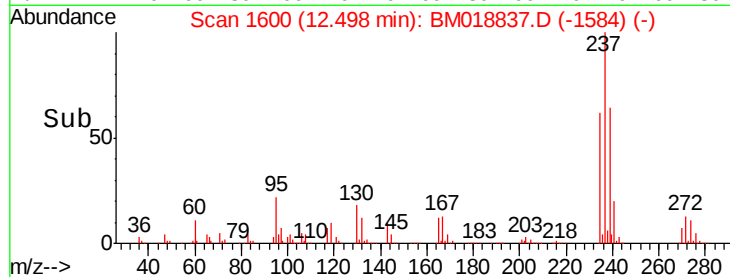
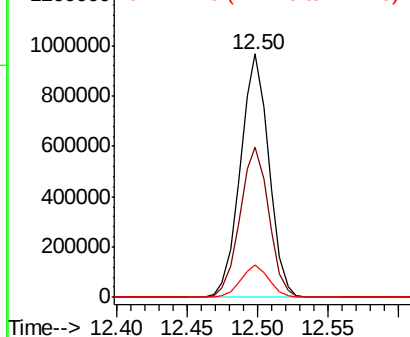
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.578 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

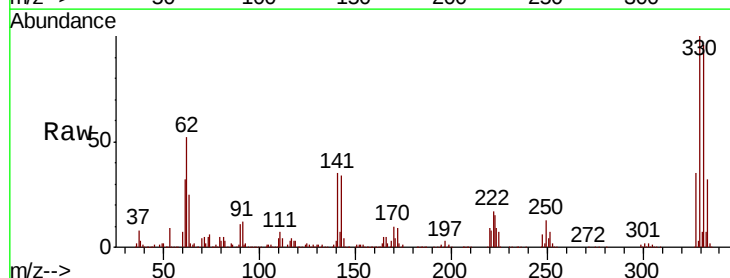
Tgt Ion:330 Resp: 1601496

Ion Ratio Lower Upper

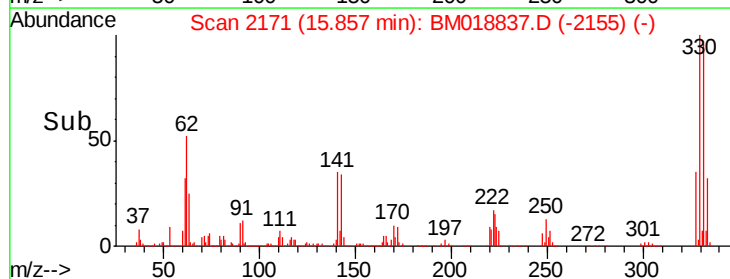
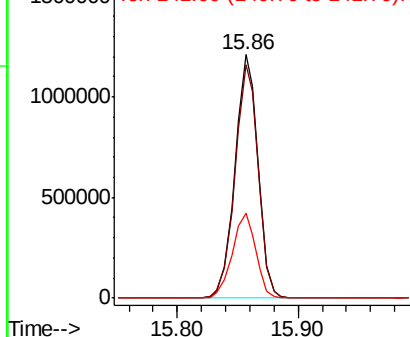
330 100

332 96.6 76.9 115.3

141 35.7 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





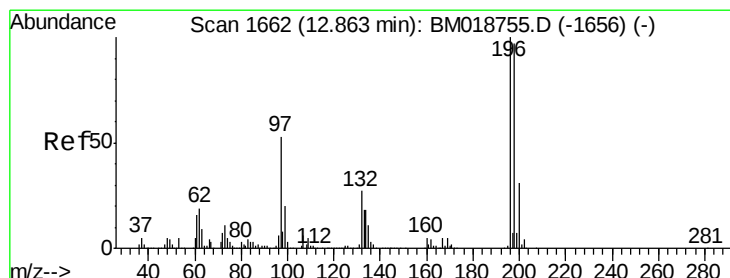
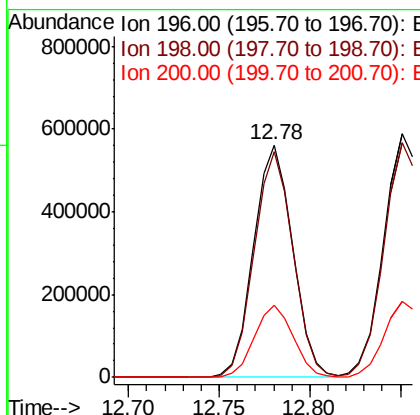
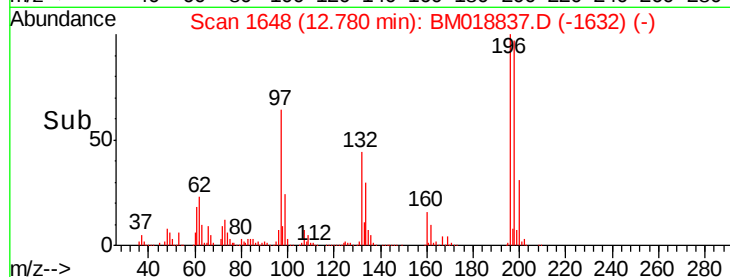
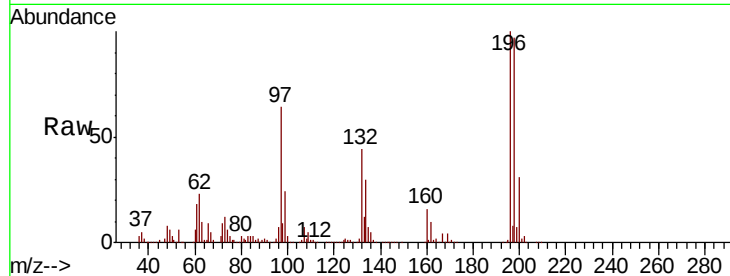
#43
 2,4,6-Trichlorophenol
 Concen: 54.188 ng
 RT: 12.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	841098		
198	97.0	76.2	114.2	
200	31.0	24.2	36.2	

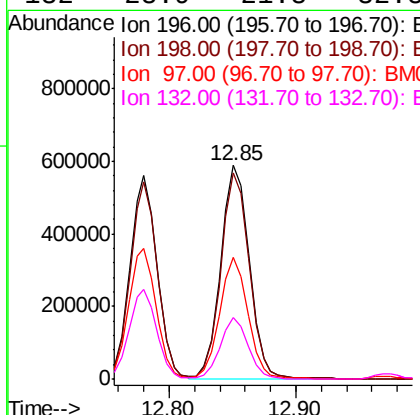
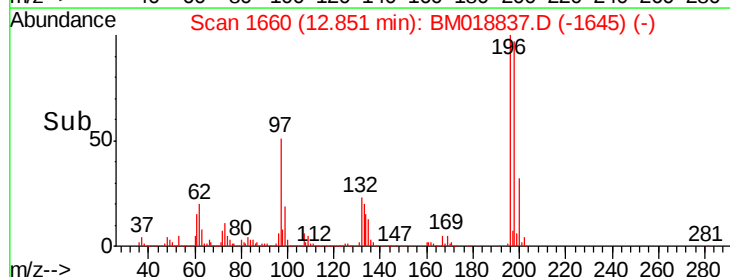
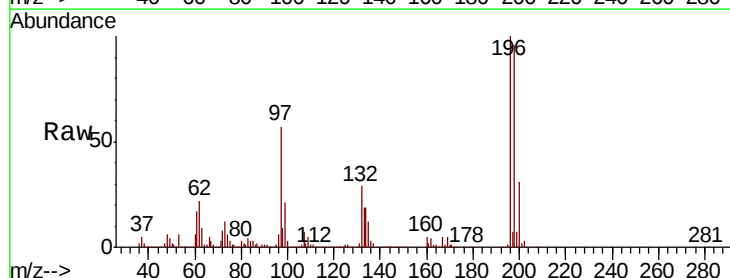
Manual Integrations
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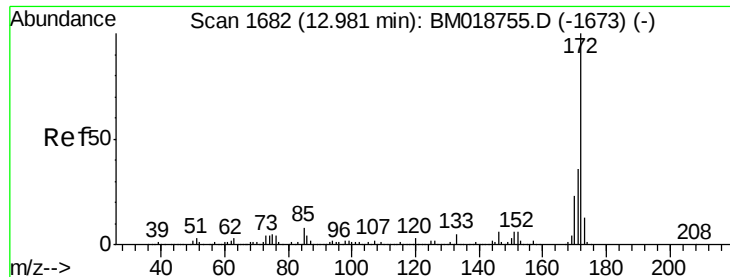
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#44
 2,4,5-Trichlorophenol
 Concen: 56.063 ng
 RT: 12.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	912084		
198	96.4	77.6	116.4	
97	57.0	42.8	64.2	
132	28.9	21.8	32.8	





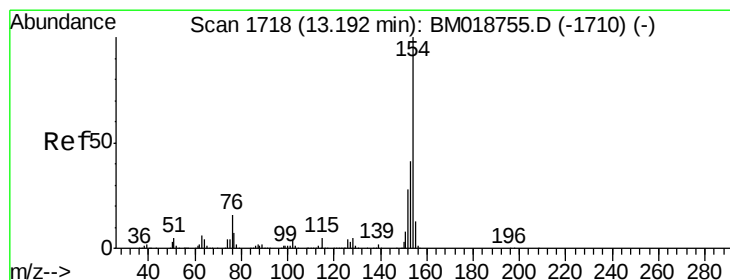
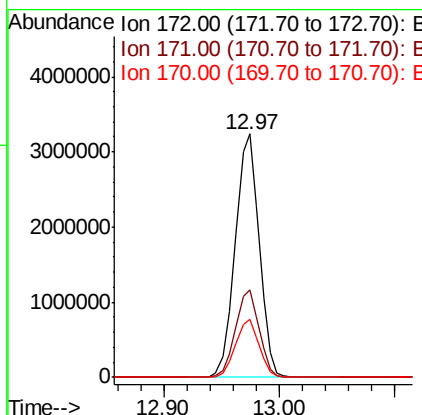
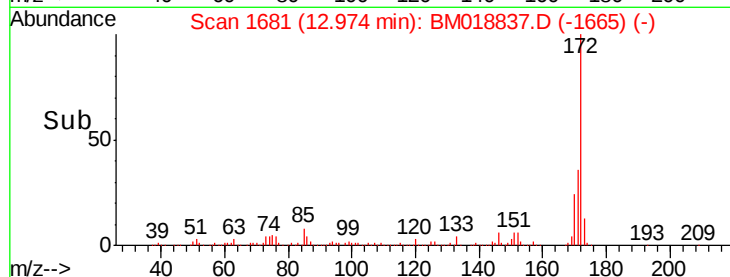
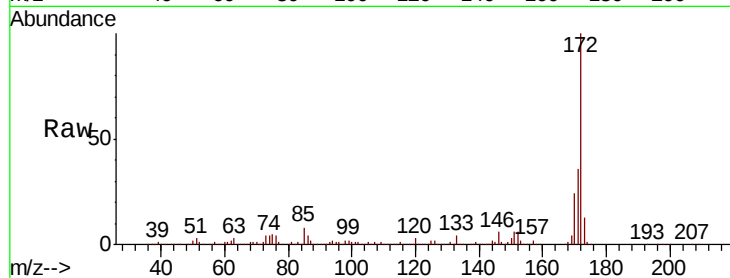
#45
2-Fluorobiphenyl
Concen: 83.770 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.6	18.6	28.0

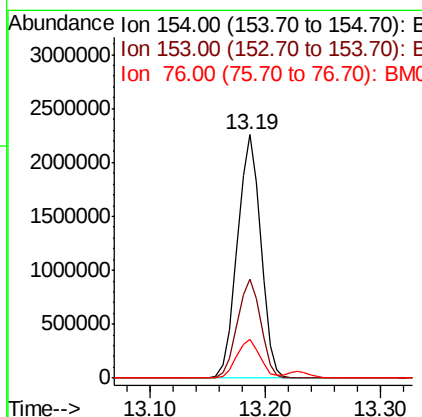
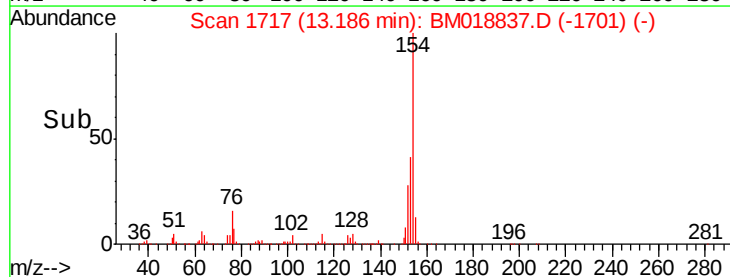
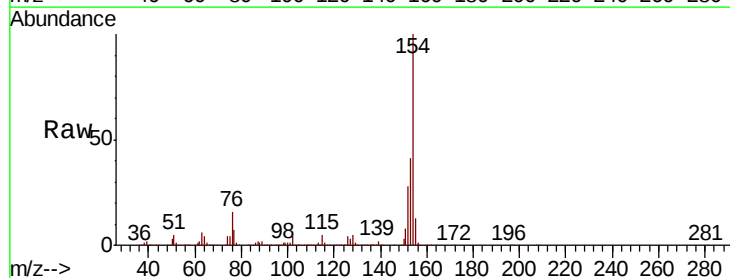
Manual Integrations
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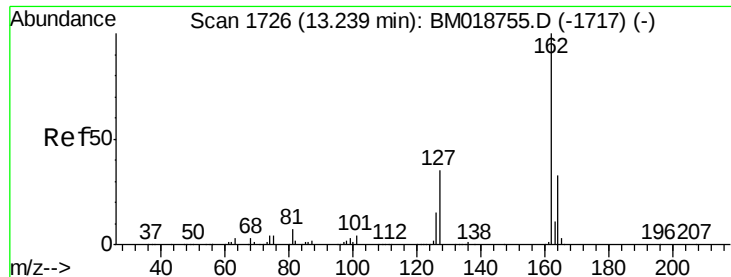
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#46
1,1'-Biphenyl
Concen: 50.196 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.1	61.1
76	15.9	0.0	35.7





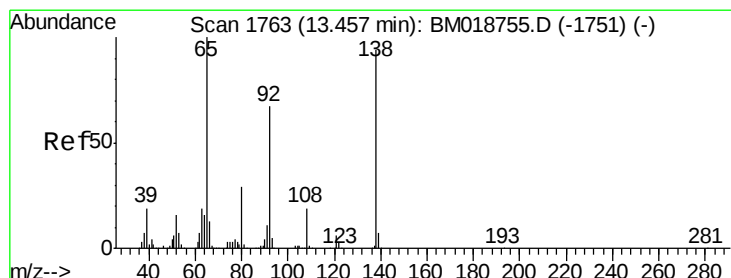
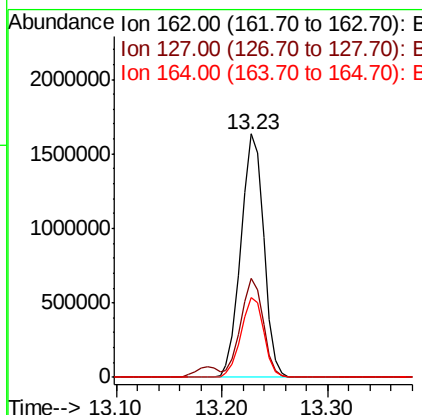
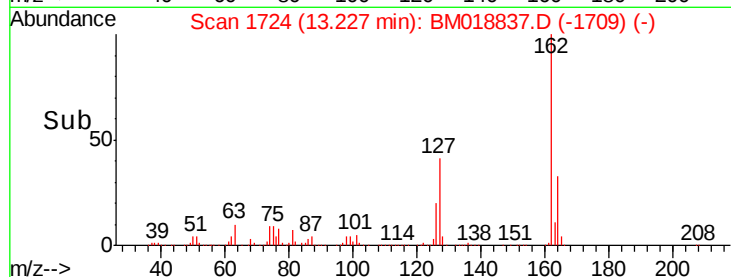
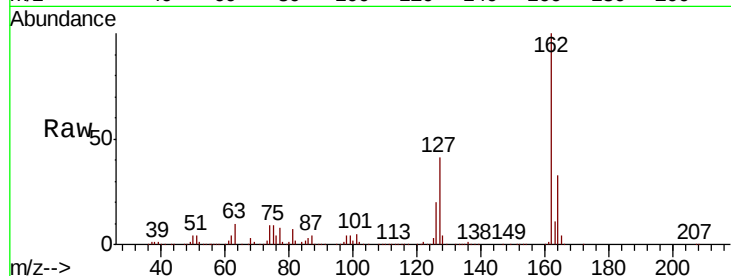
#47
2-Chloronaphthalene
Concen: 50.214 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.1	46.7
164	32.6	26.4	39.6

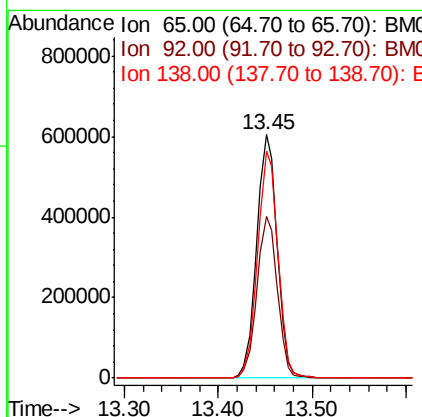
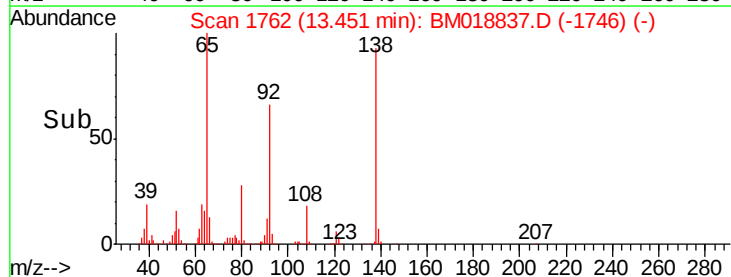
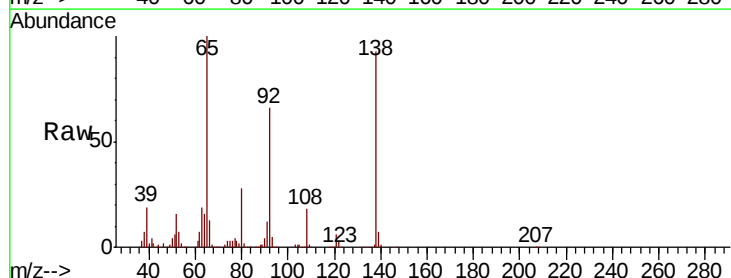
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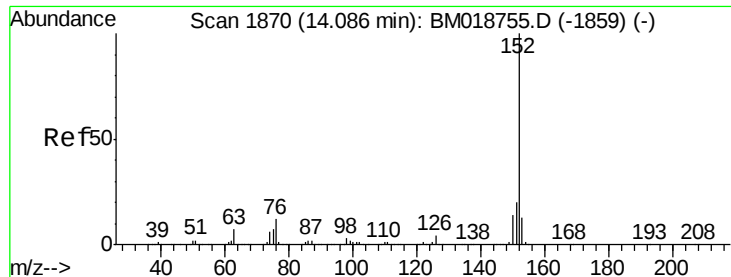
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#48
2-Nitroaniline
Concen: 56.606 ng
RT: 13.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.0	81.0
138	93.4	74.9	112.3





#49

Acenaphthylene

Concen: 55.883 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:152 Resp: 4054930

Ion Ratio Lower Upper

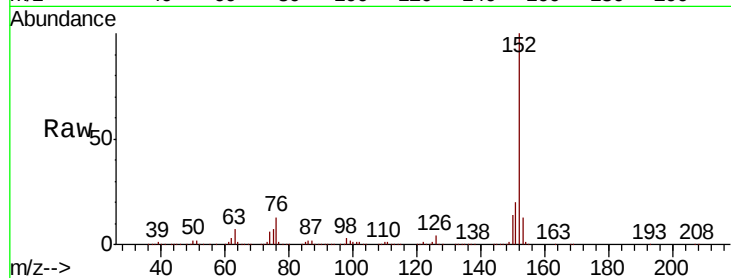
152 100

151 20.5 15.8 23.8

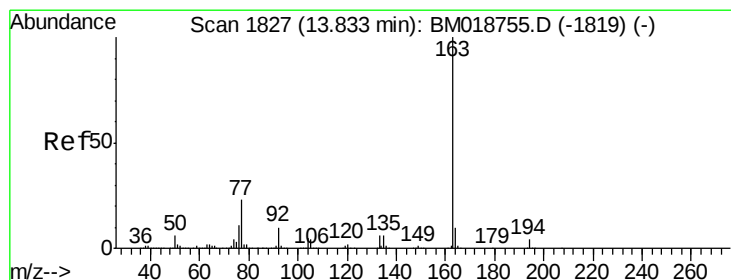
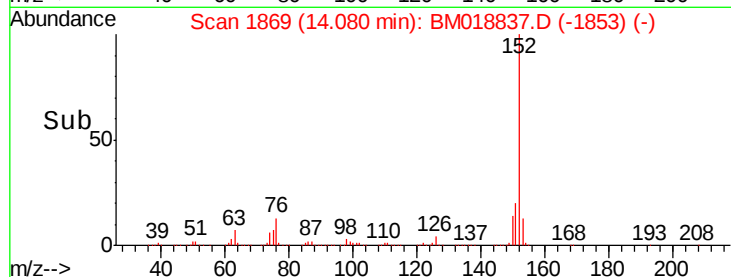
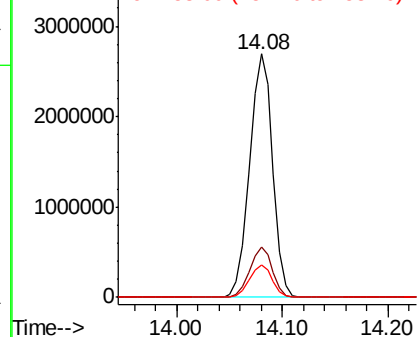
153 13.3 10.5 15.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.769 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

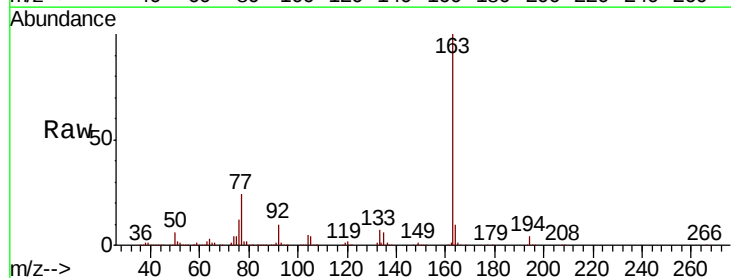
Tgt Ion:163 Resp: 3467756

Ion Ratio Lower Upper

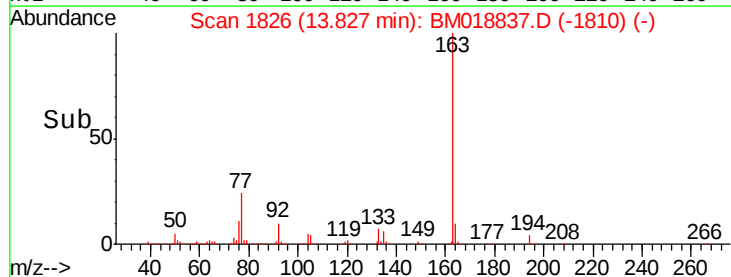
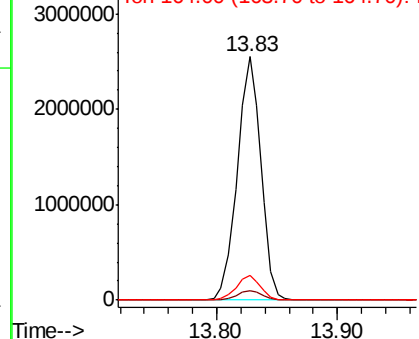
163 100

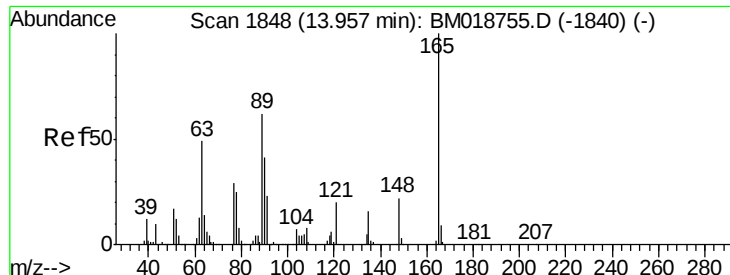
194 3.9 3.2 4.8

164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





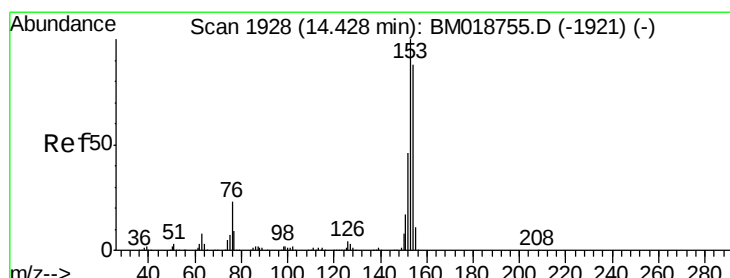
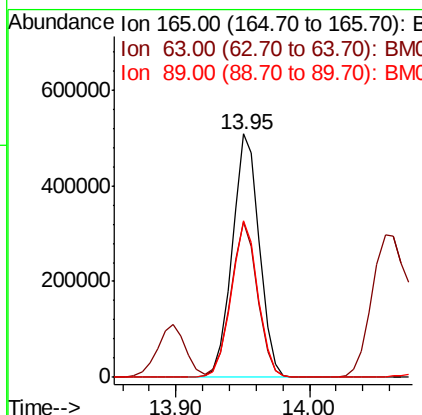
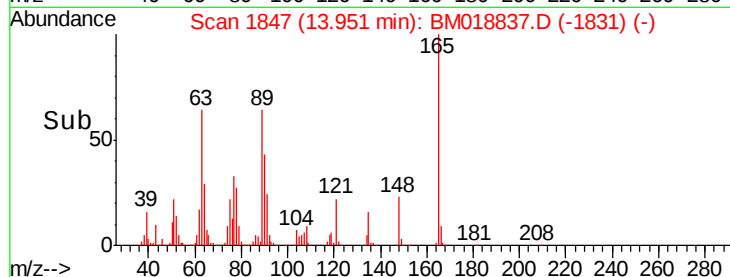
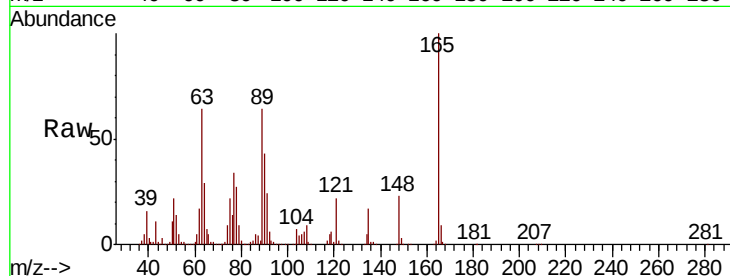
#51
2,6-Dinitrotoluene
Concen: 53.951 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.8	48.9	73.3
89	64.2	49.4	74.0

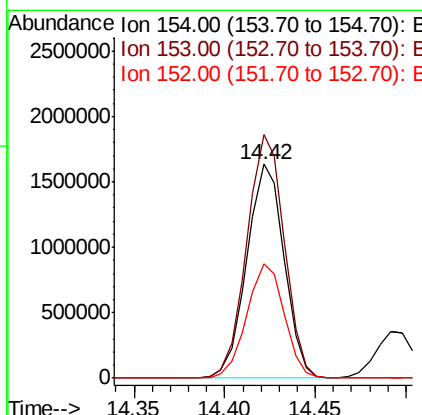
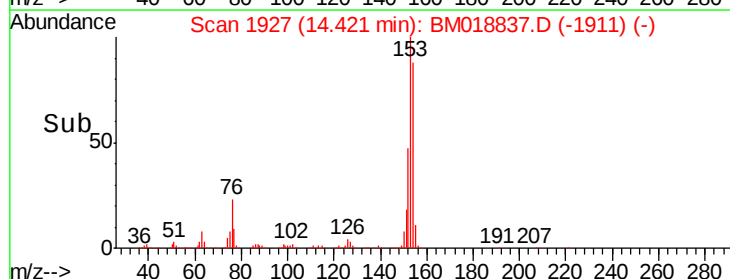
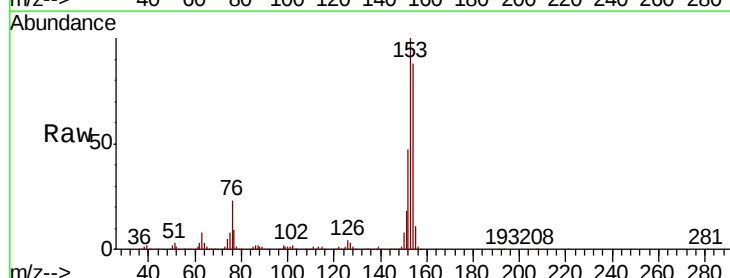
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#52
Acenaphthene
Concen: 52.575 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.3	136.9
152	53.5	42.2	63.4





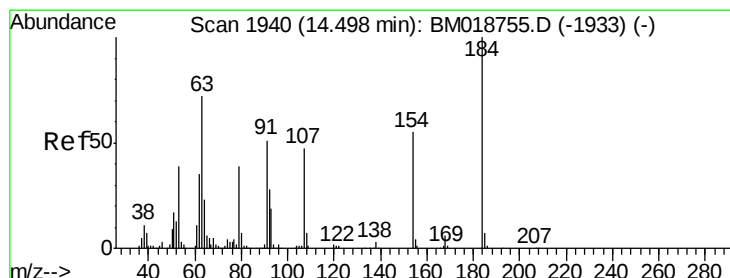
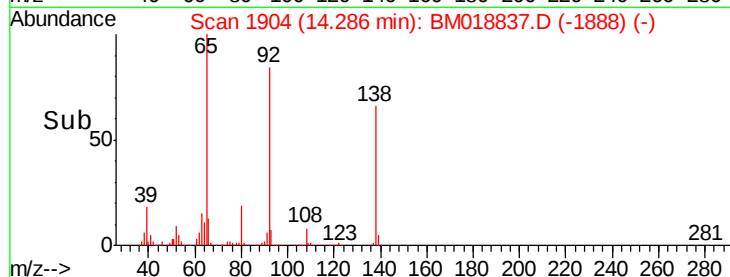
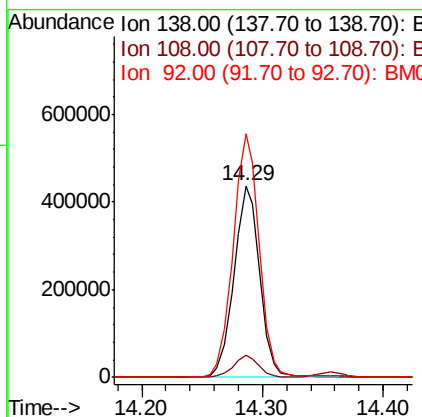
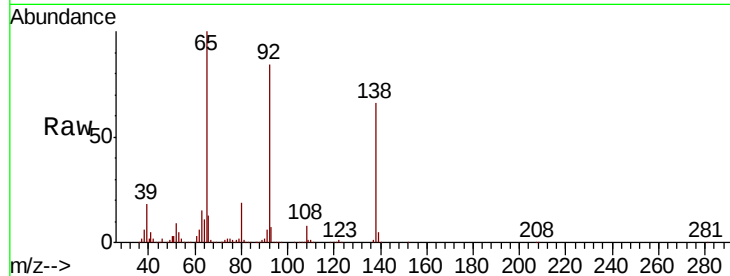
#53
3-Nitroaniline
Concen: 43.422 ng
RT: 14.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.1	13.7
92	127.3	99.7	149.5

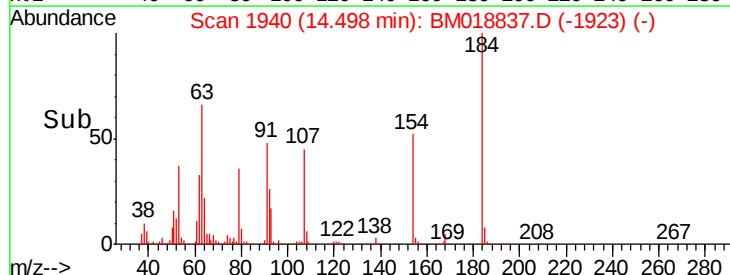
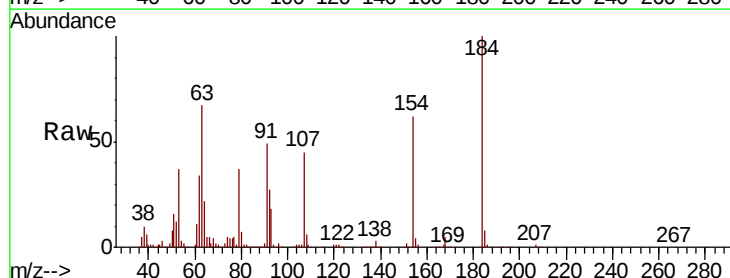
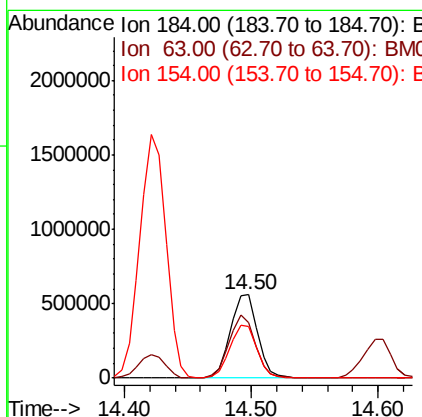
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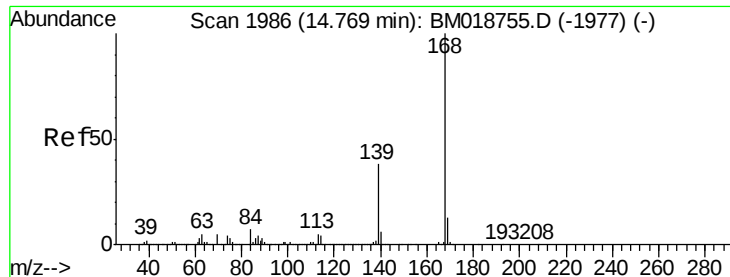
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#54
2,4-Dinitrophenol
Concen: 97.822 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.3	58.0	87.0
154	62.3	50.3	75.5





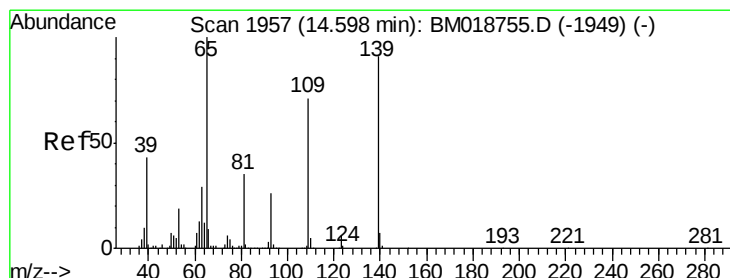
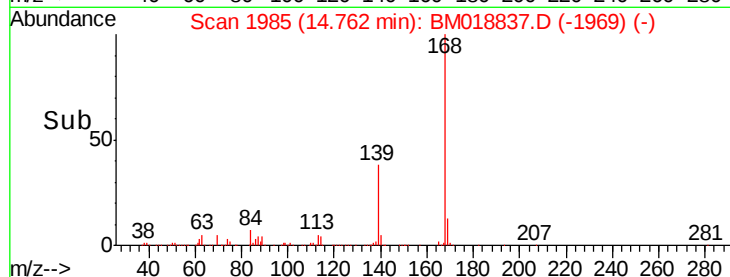
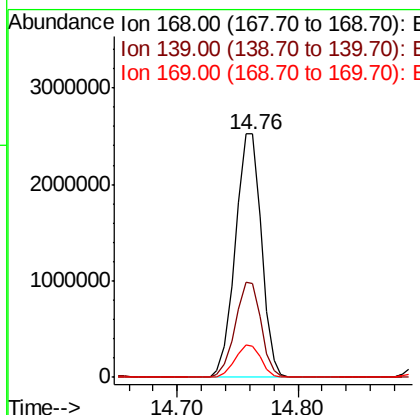
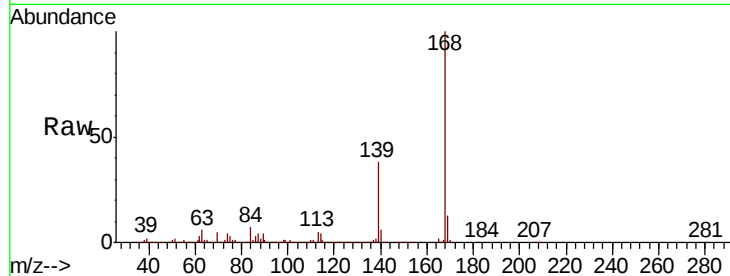
#55
Dibenzofuran
Concen: 52.072 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion:168 Resp: 3808067
Ion Ratio Lower Upper
168 100
139 38.5 30.7 46.1
169 13.0 10.3 15.5

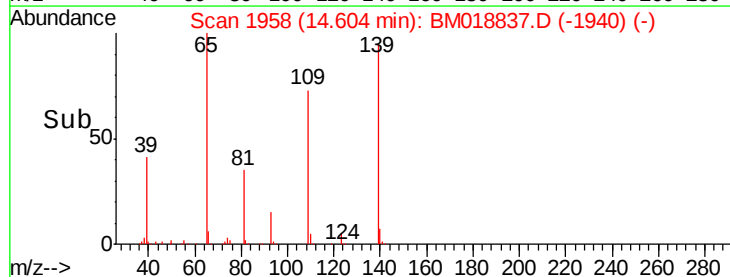
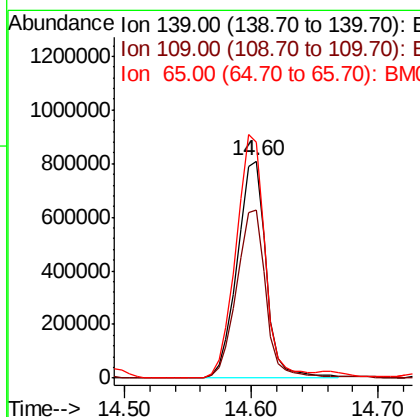
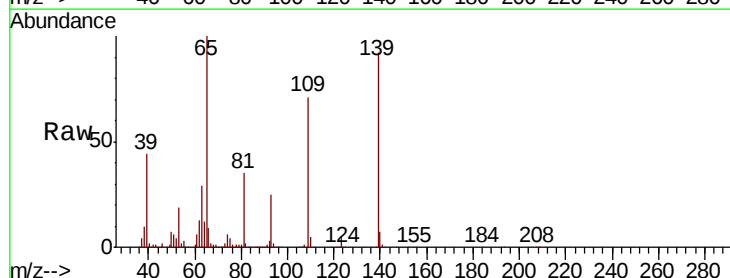
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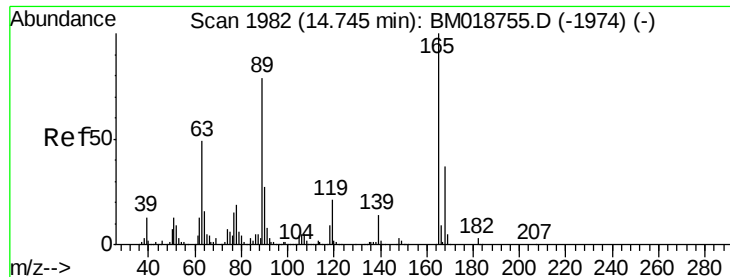
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#56
4-Nitrophenol
Concen: 107.152 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:139 Resp: 1278882
Ion Ratio Lower Upper
139 100
109 77.5 58.4 98.4
65 108.8 89.8 129.8





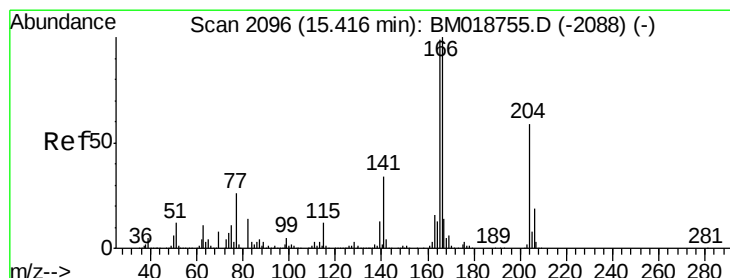
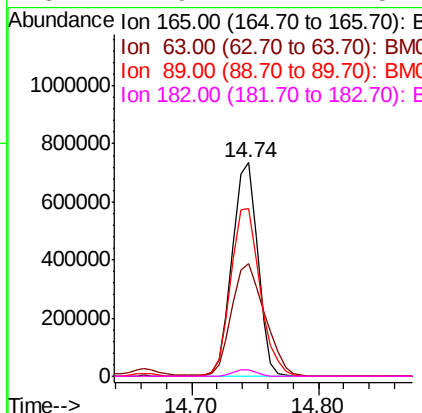
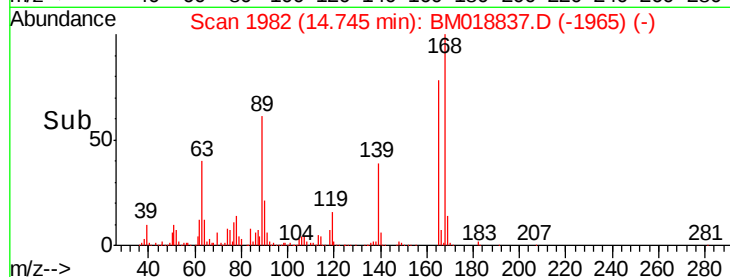
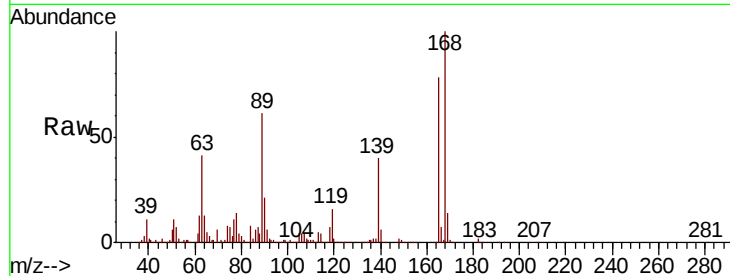
#57
2,4-Dinitrotoluene
Concen: 56.177 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion:	165	Resp:	1024206
Ion	Ratio	Lower	Upper
165	100		
63	52.6	39.6	59.4
89	78.5	63.5	95.3
182	2.9	2.2	3.4

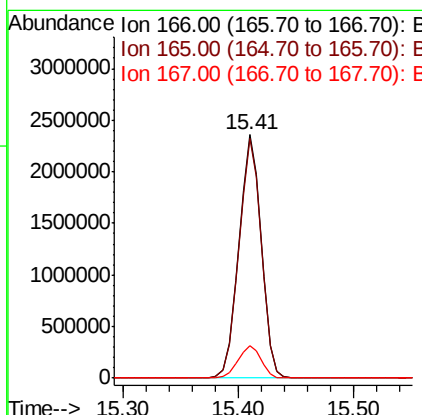
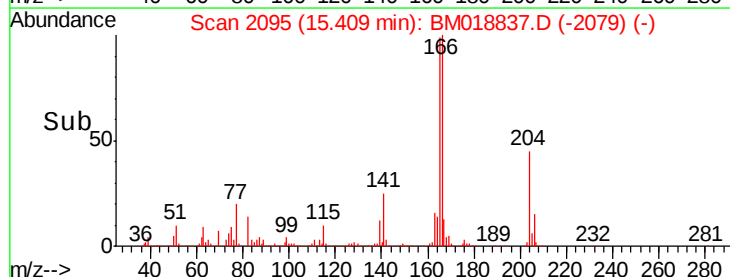
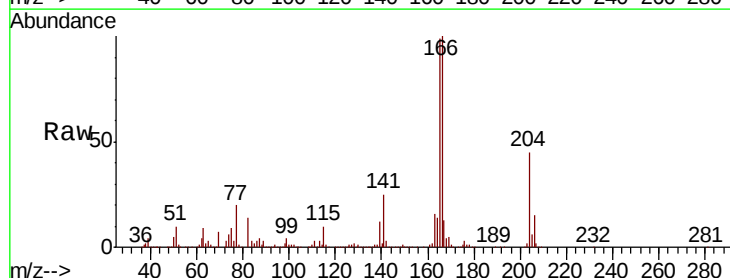
Manual Integrations
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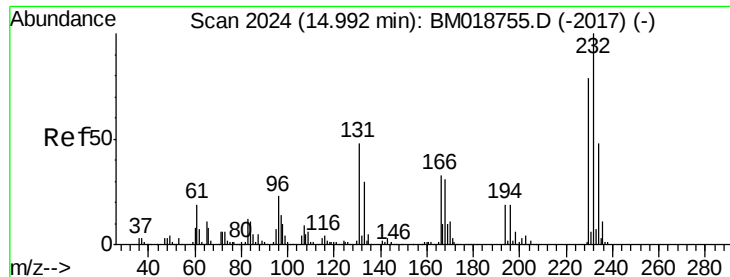
Sohil
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#58
Fluorene
Concen: 56.339 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:	166	Resp:	3152057
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.4	11.0	16.4





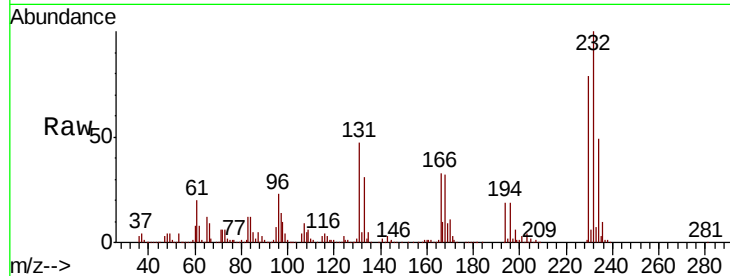
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.208 ng
 RT: 14.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Instrument :
 BNA_M
 ClientSampled :
 CH-021419MS

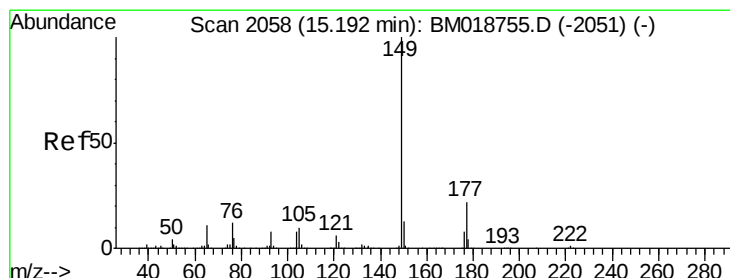
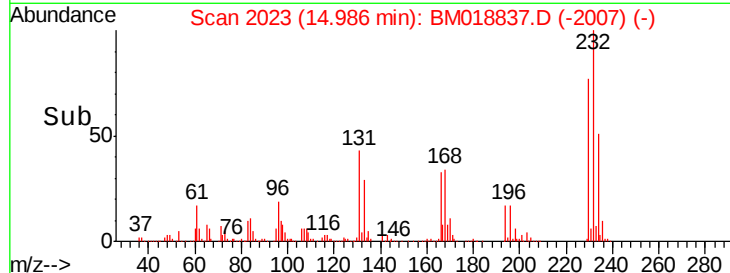
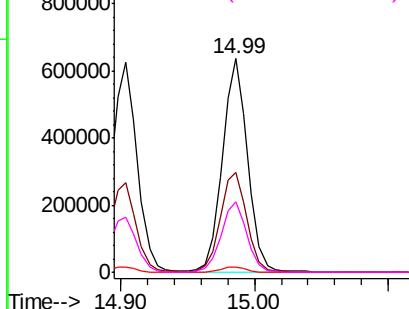
Tot Ion:	232	Resp:	837043
Ion Ratio	Lower	Upper	
232	100		
131	48.9	38.6	57.8
130	2.6	2.0	3.0
166	33.8	26.9	40.3

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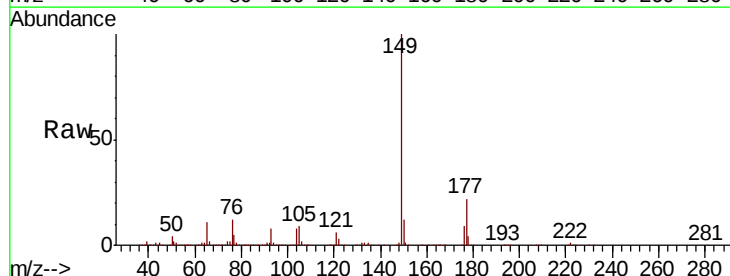


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

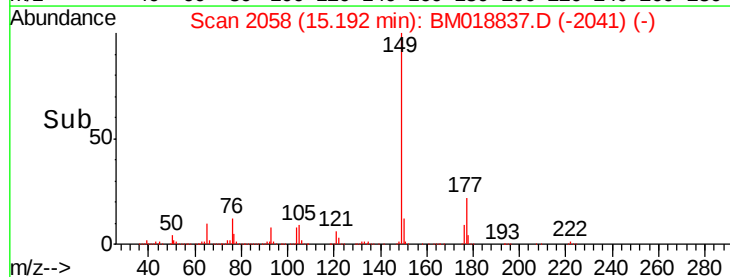
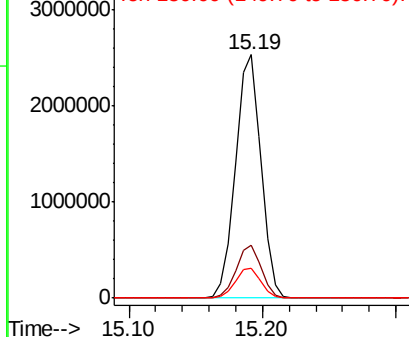


#60
 Diethylphthalate
 Concen: 53.154 ng
 RT: 15.19 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion:	149	Resp:	3349356
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.2	25.8
150	12.5	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





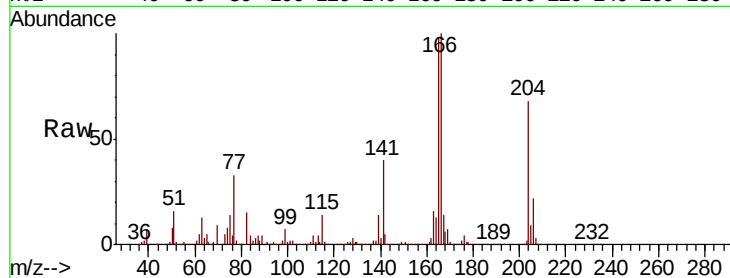
#61
 4-Chlorophenyl-phenylether
 Concen: 49.898 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	59.8	49.2	73.8

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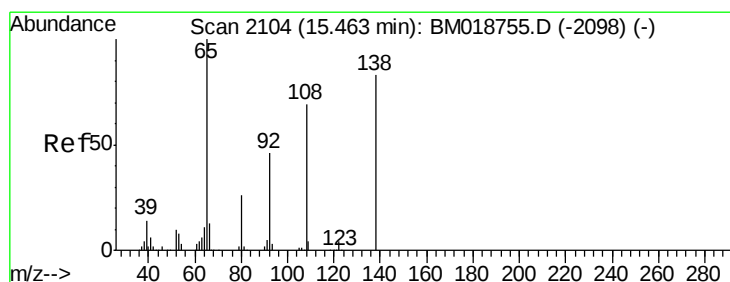
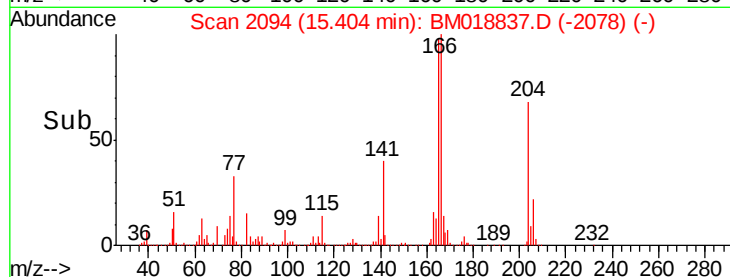
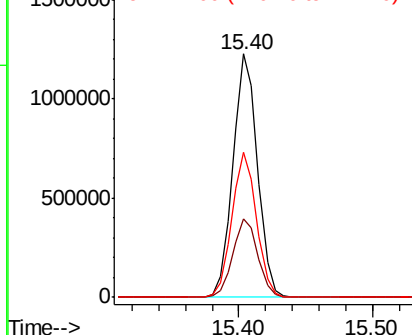


Abundance

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: 51.774 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

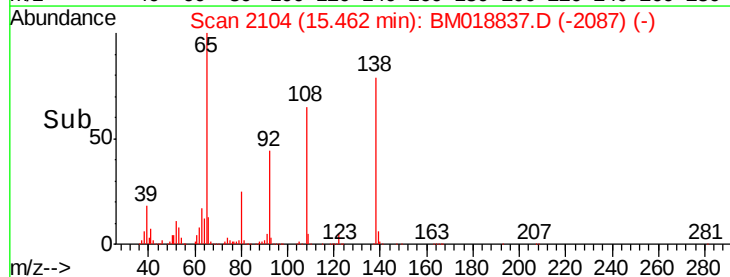
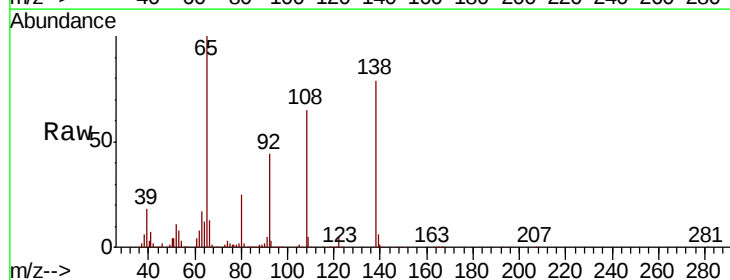
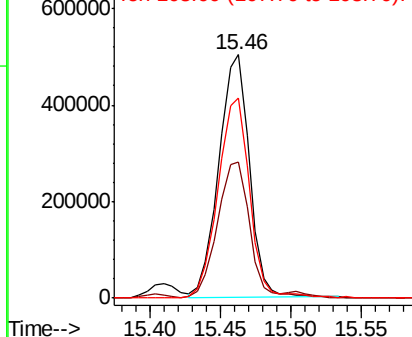
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	35.5	75.5
108	82.2	62.4	102.4

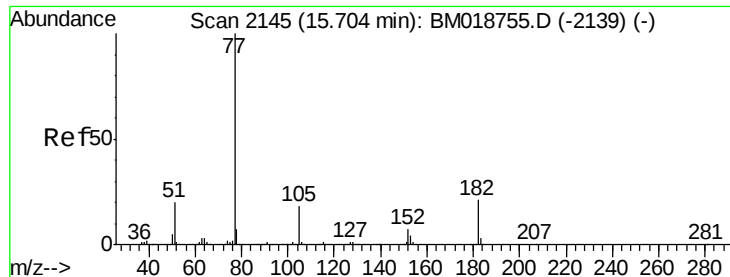
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





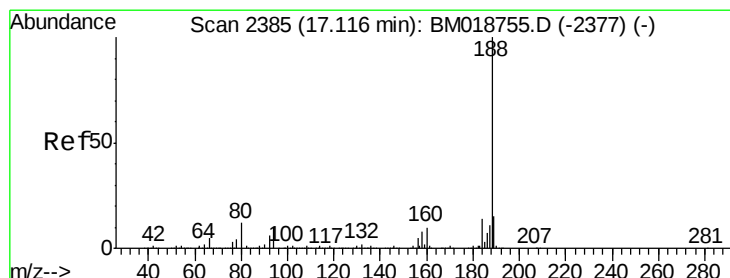
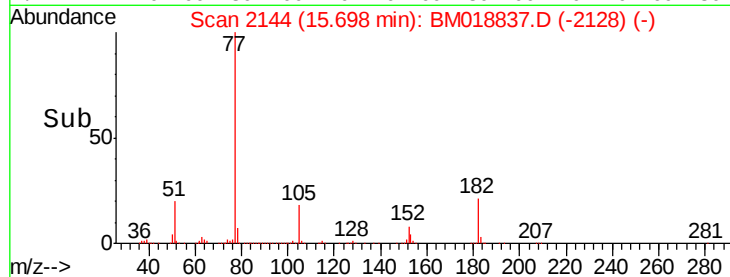
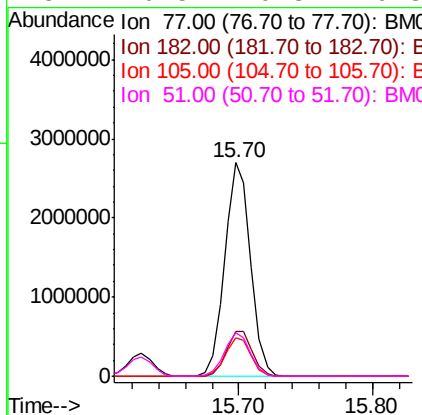
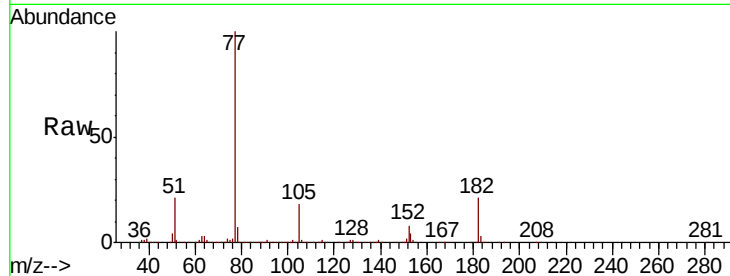
#63
Azobenzene
Concen: 53.714 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.8	1.0	41.0	
105	18.0	0.0	37.7	
51	20.5	0.3	40.3	

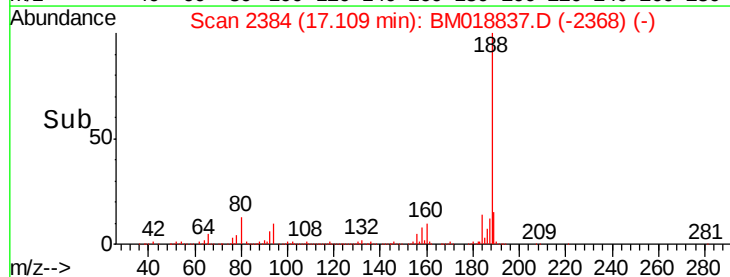
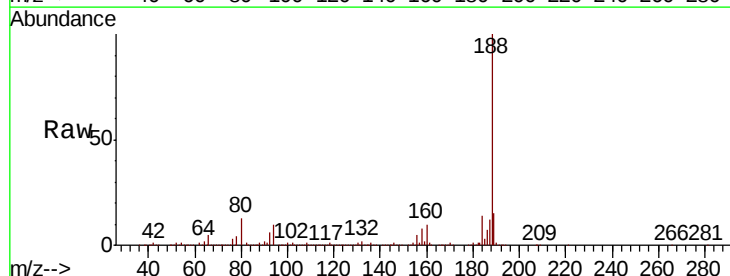
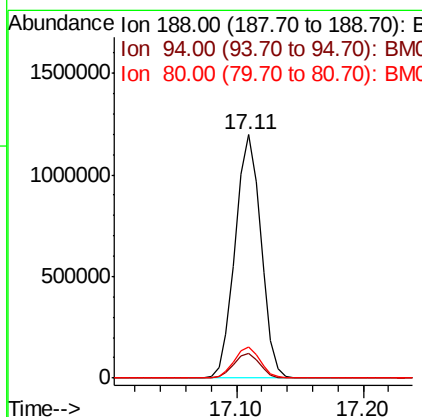
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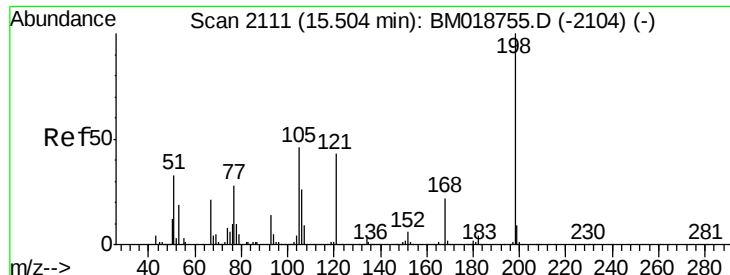
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	8.2	12.2	
80	12.6	9.7	14.5	





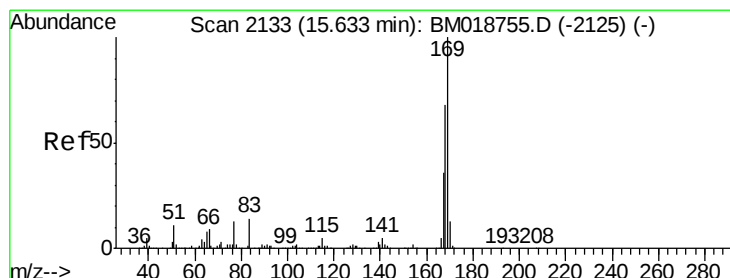
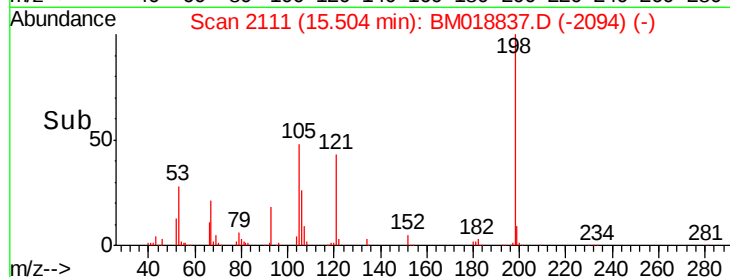
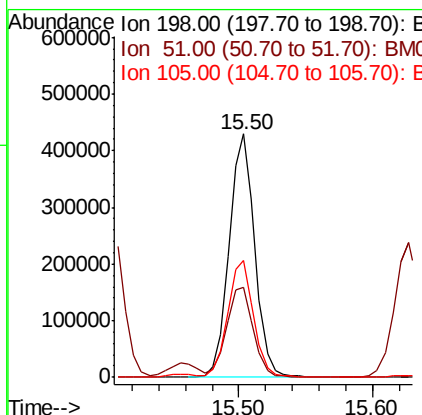
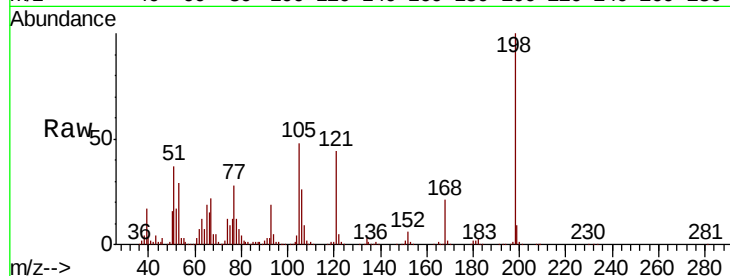
#65
4,6-Dinitro-2-methylphenol
Concen: 48.709 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	576074		
51	37.2		18.4	58.4
105	47.9		27.2	67.2

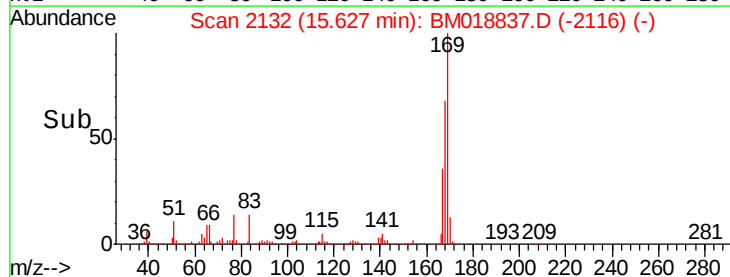
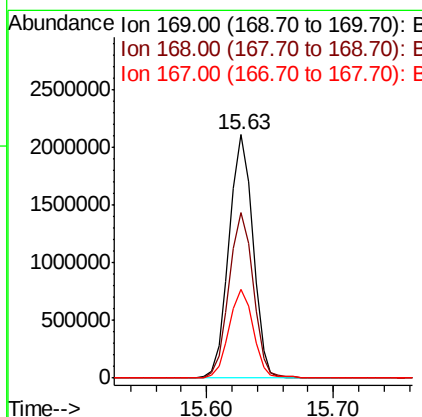
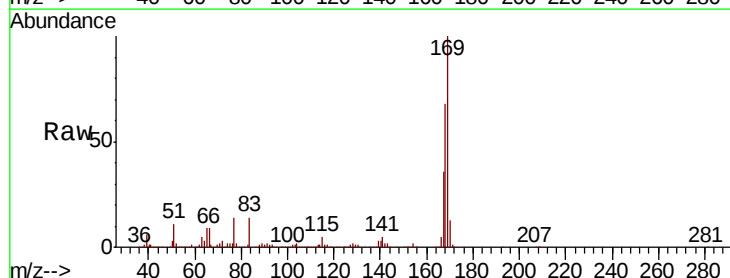
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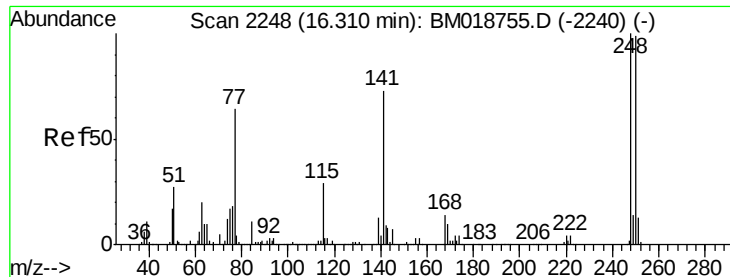
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 51.626 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2747497		
168	67.8		54.4	81.6
167	36.4		29.0	43.6





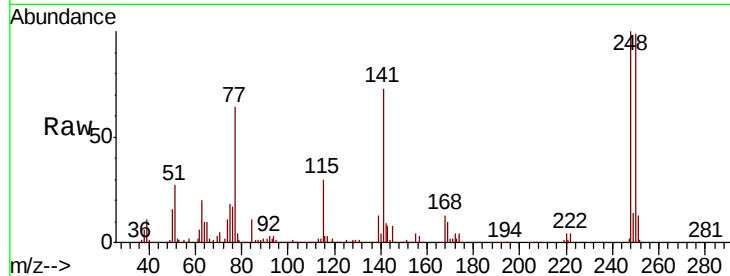
#67
4-Bromophenyl-phenylether
Concen: 49.132 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.0	118.6
141	72.7	58.6	88.0

Manual Integrations
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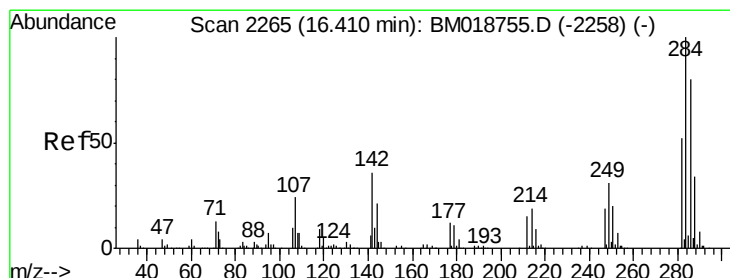
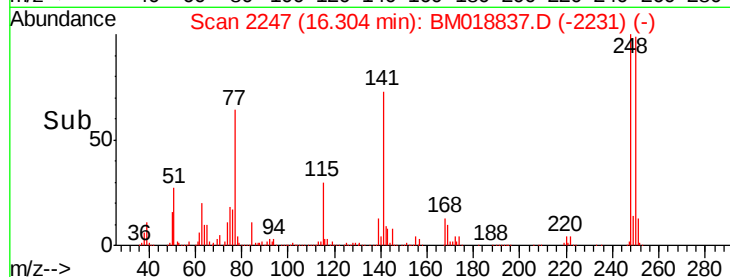
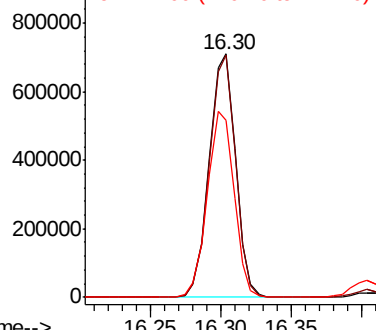


Abundance

Ion 248.00 (247.70 to 248.70): E

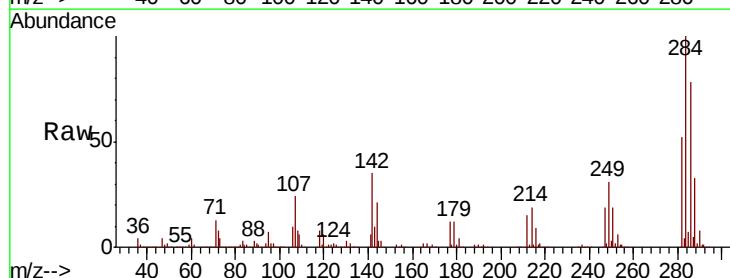
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.502 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.9	43.3
249	31.0	24.8	37.2

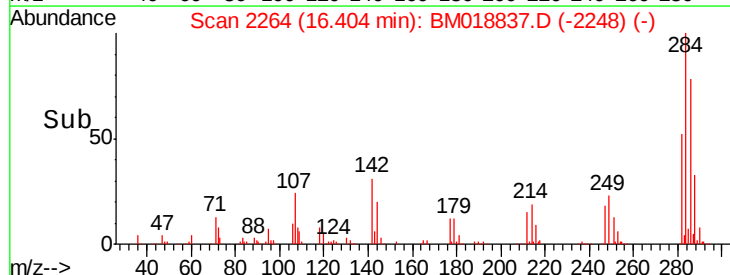
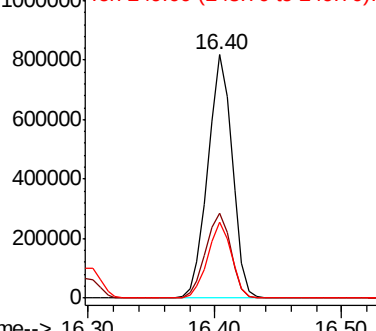


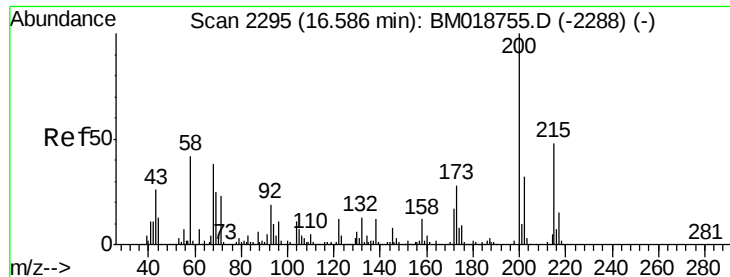
Abundance

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





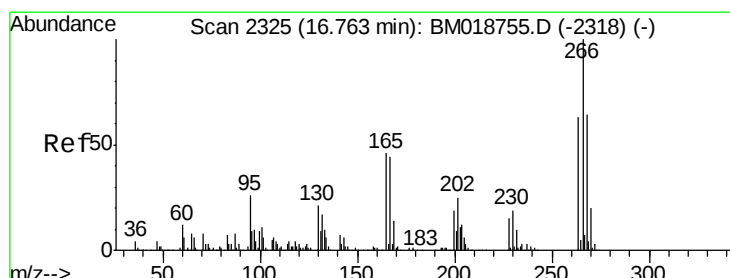
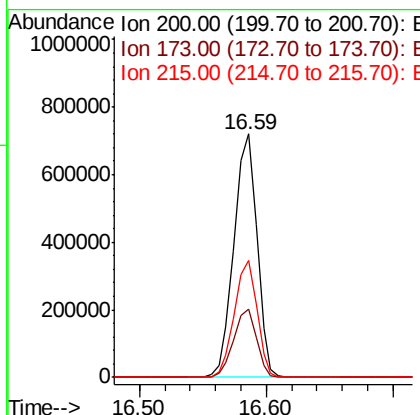
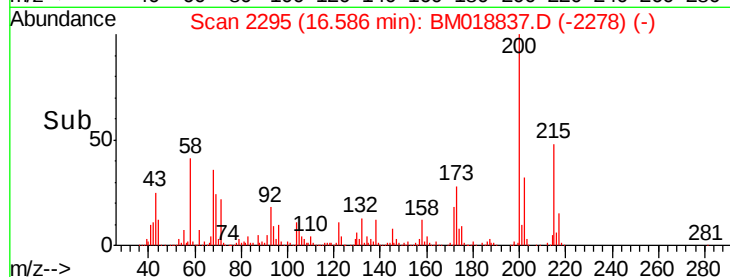
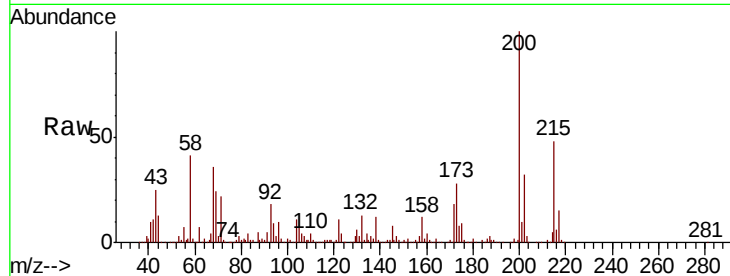
#69
Atrazine
Concen: 52.718 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	904494		
173	27.9	7.6	47.6	
215	47.9	27.6	67.6	

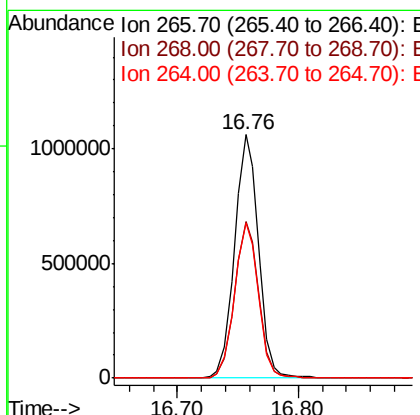
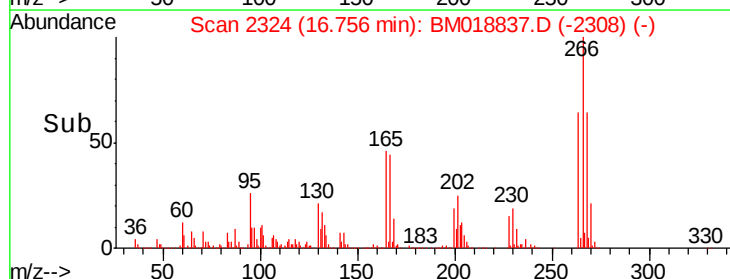
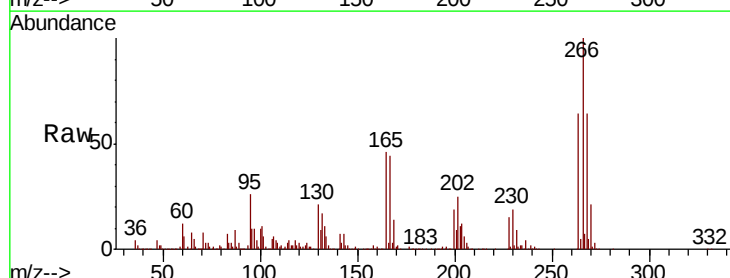
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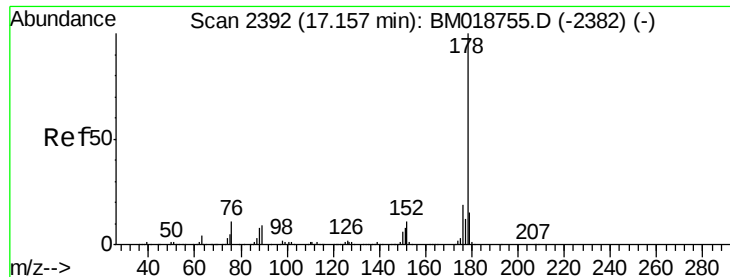
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#70
Pentachlorophenol
Concen: 103.775 ng
RT: 16.76 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1464379		
268	64.4	51.3	76.9	
264	64.0	50.6	75.8	





#71

Phenanthrene

Concen: 55.159 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:178 Resp: 4993338

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

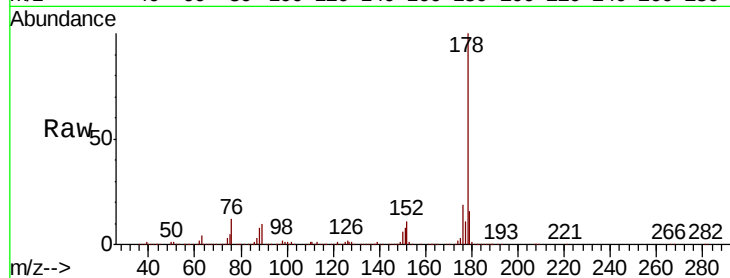
179 15.6 12.3 18.5

Manual Integrations

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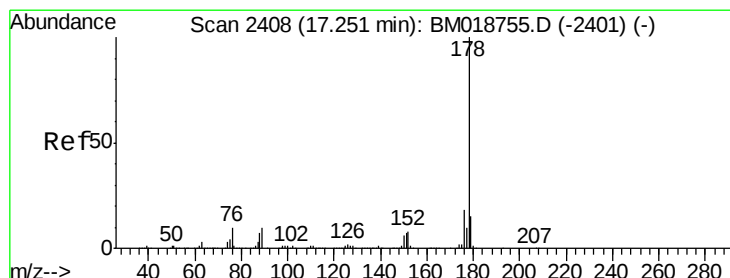
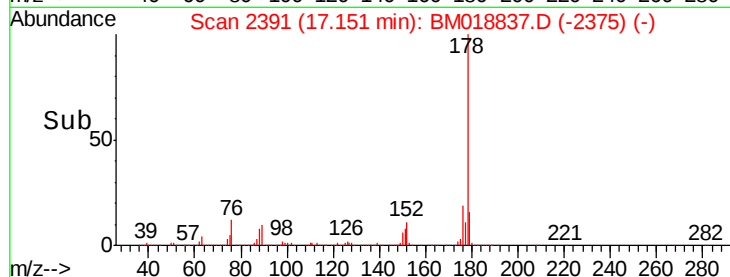
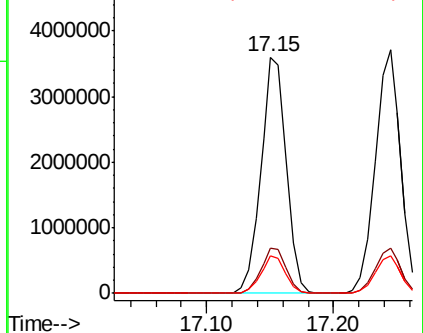
2/19/2019 10:03:03 AM



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: 58.303 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:178 Resp: 5137221

Ion Ratio Lower Upper

178 100

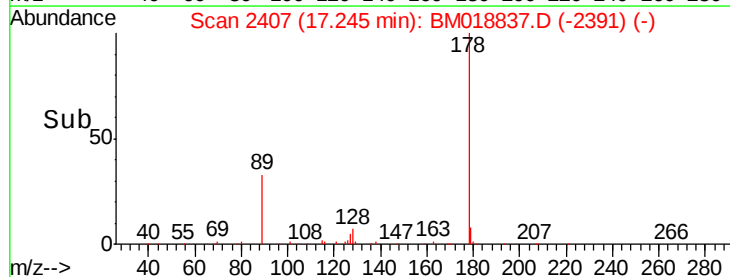
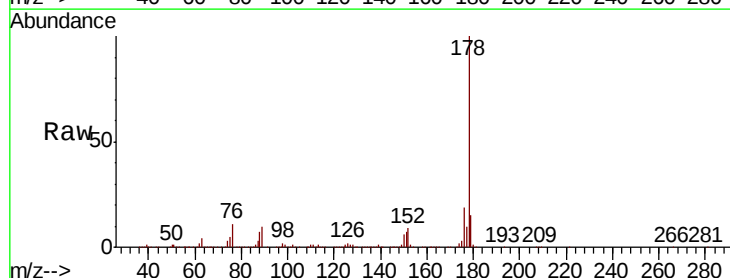
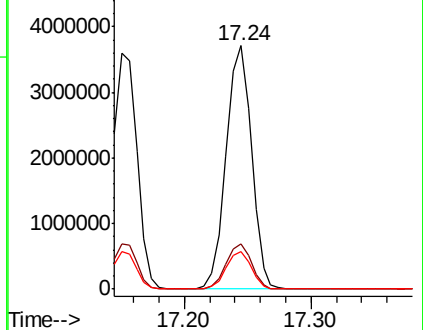
176 18.8 14.8 22.2

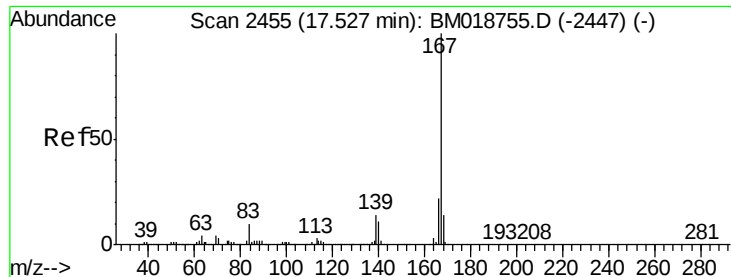
179 15.4 12.1 18.1

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





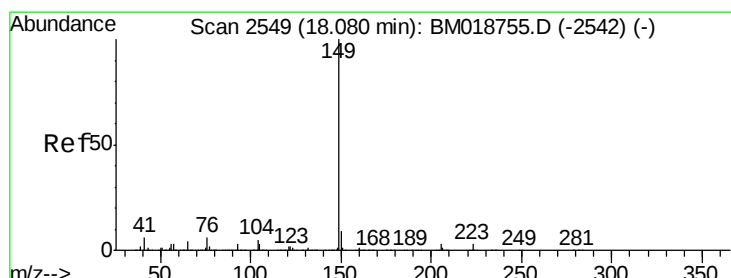
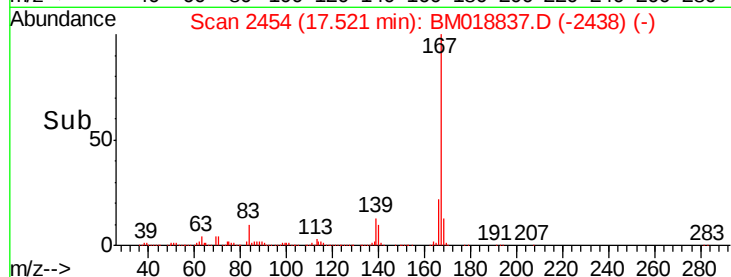
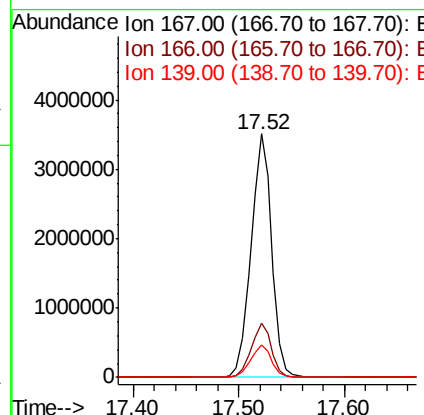
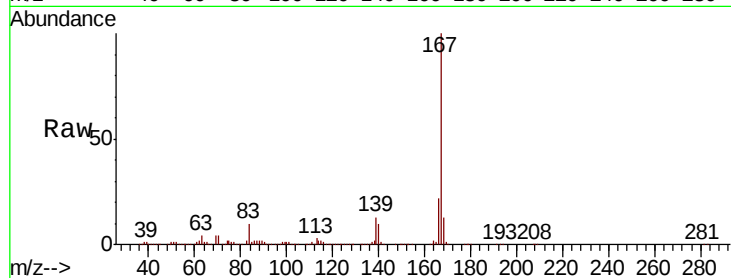
#73
 Carbazole
 Concen: 51.537 ng
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.2	10.9	16.3

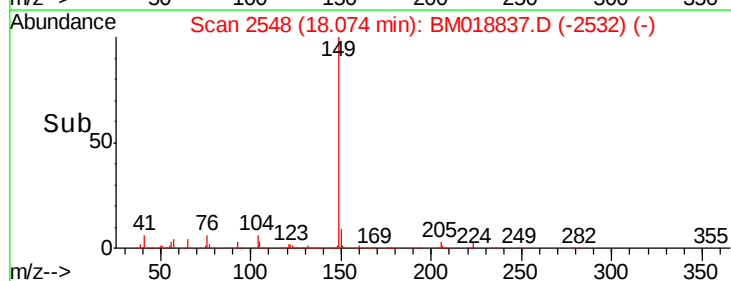
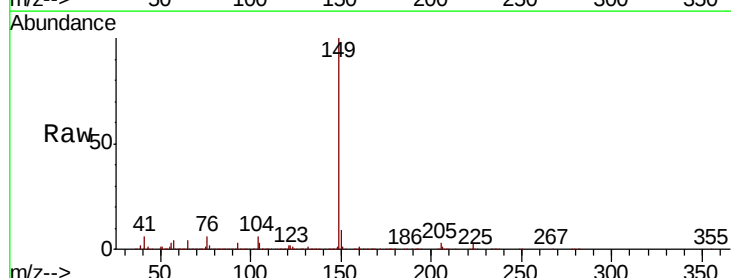
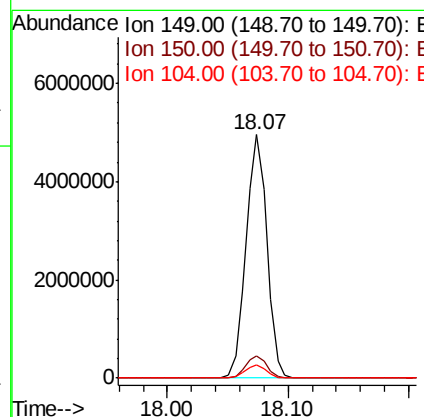
Manual Integrations
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 2/19/2019 10:03:03 AM



#74
 Di-n-butylphthalate
 Concen: 56.601 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 56.897 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

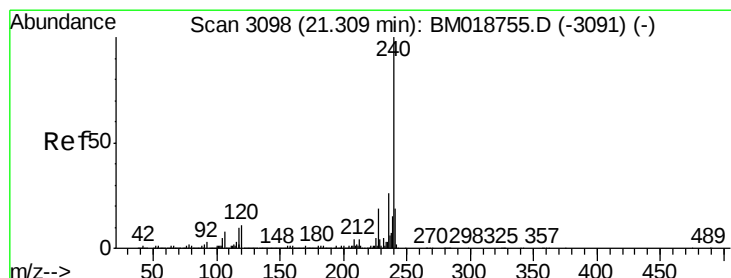
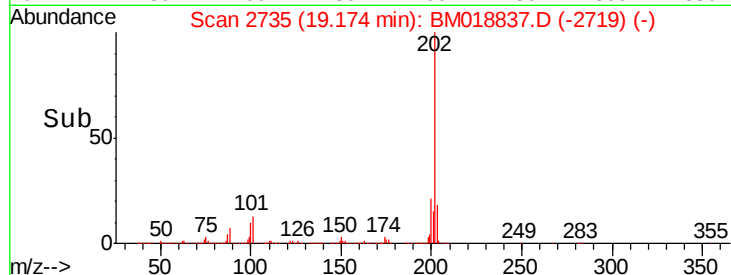
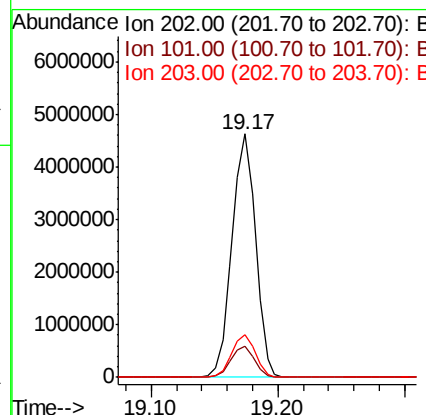
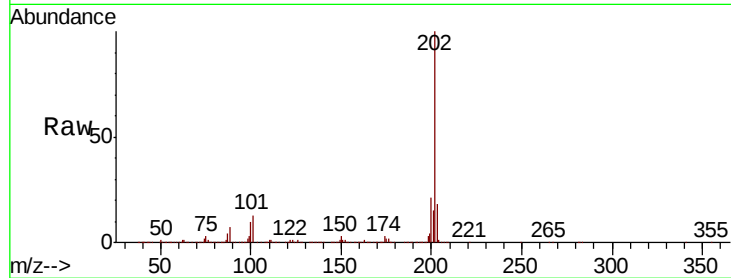
ClientSampleId :

CH-021419MS

Tot Ion:	202	Resp:	5949664
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	17.6	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

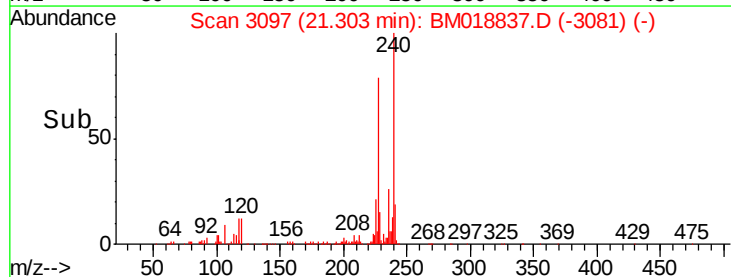
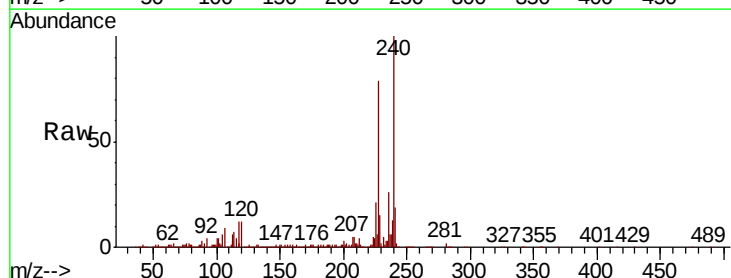
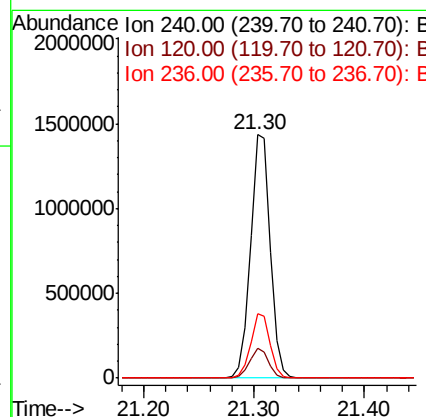
RT: 21.30 min Scan# 3097

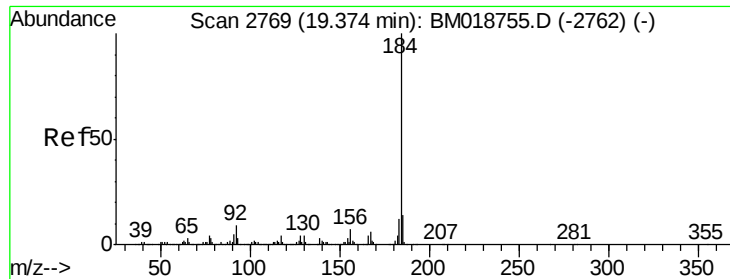
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:	240	Resp:	1801584
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.9	13.3
236	26.4	20.9	31.3





#77

Benzidine

Concen: 98.053 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:184 Resp: 3978434

Ion Ratio Lower Upper

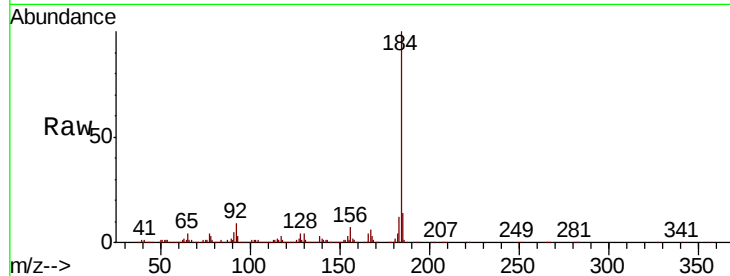
184 100

185 14.2 11.2 16.8

183 12.0 9.7 14.5

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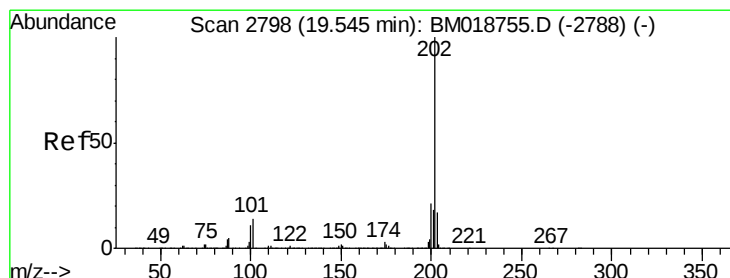
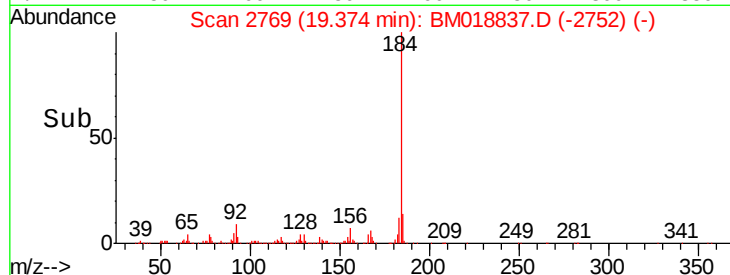
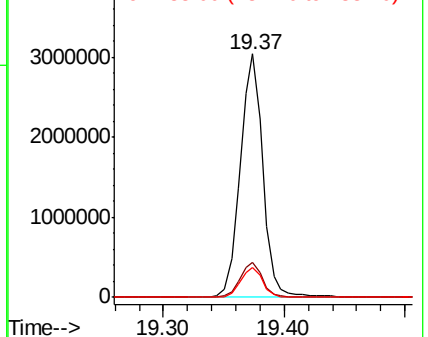


Abundance

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: 58.199 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

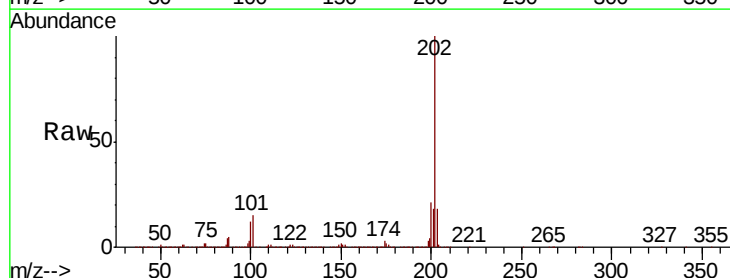
Tgt Ion:202 Resp: 6089583

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.6 13.8 20.8

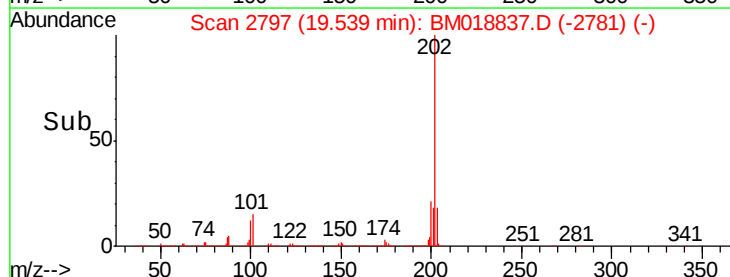
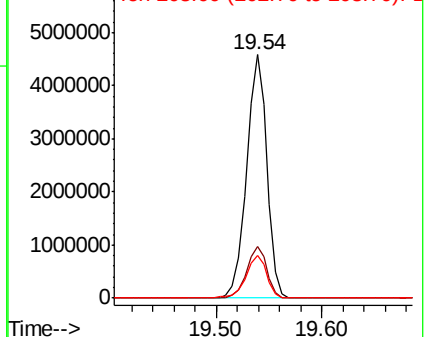


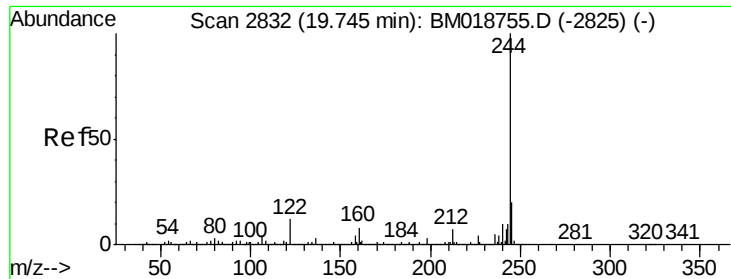
Abundance

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: 88.201 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:244 Resp: 7702845

Ion Ratio Lower Upper

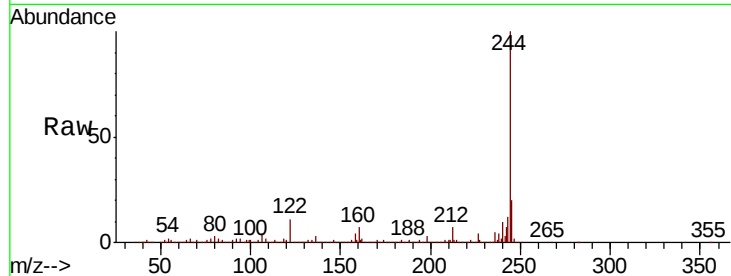
244 100

212 7.0 5.6 8.4

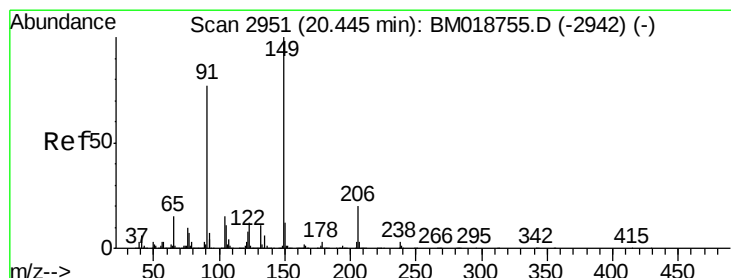
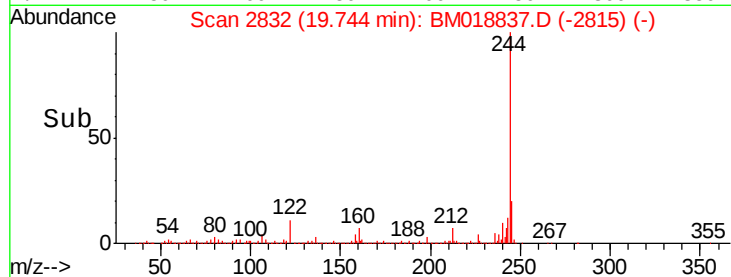
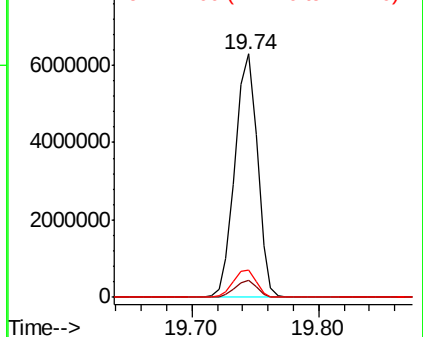
122 11.3 9.3 13.9

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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: 62.457 ng

RT: 20.44 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

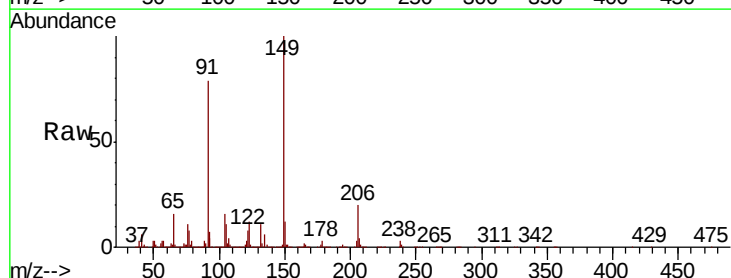
Tgt Ion:149 Resp: 2978306

Ion Ratio Lower Upper

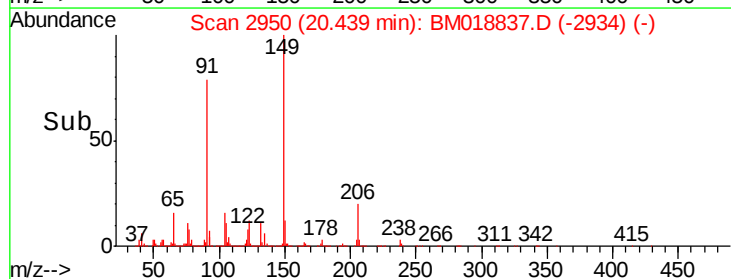
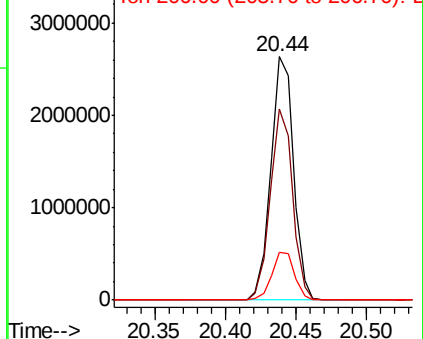
149 100

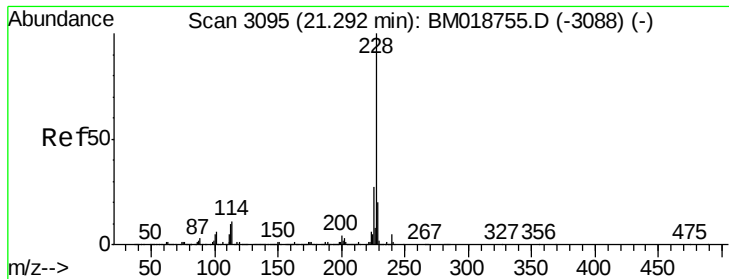
91 78.7 61.4 92.0

206 19.7 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.487 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

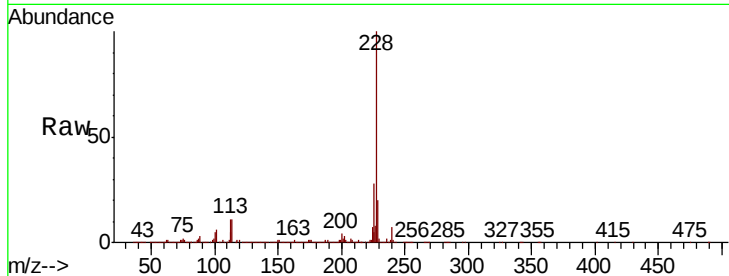
ClientSampleId :

CH-021419MS

Tot Ion:	228	Resp:	5932136
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	19.9	15.9	23.9

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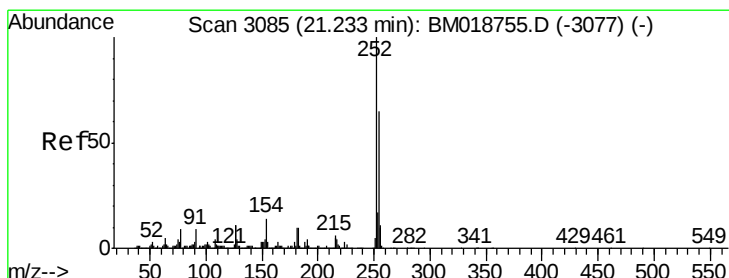
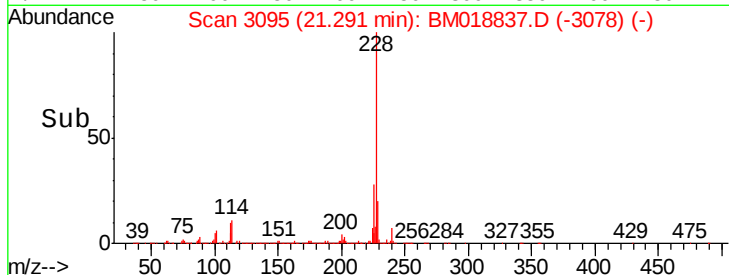
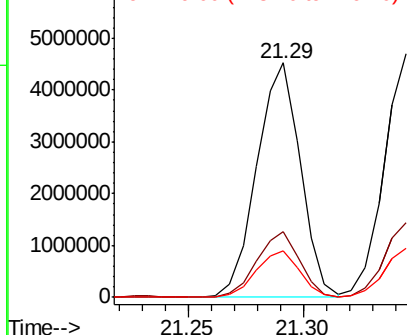


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.848 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

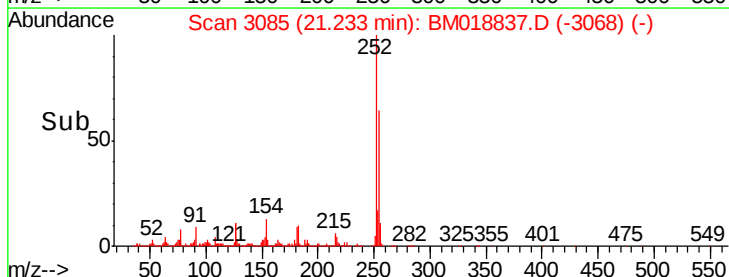
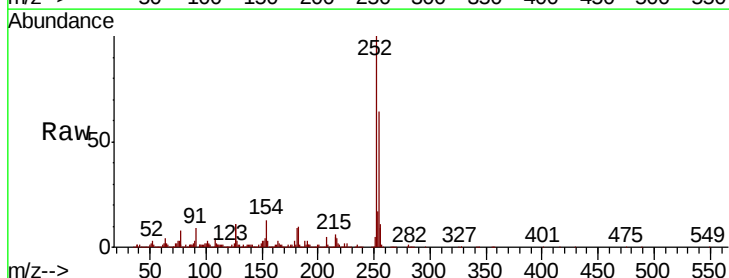
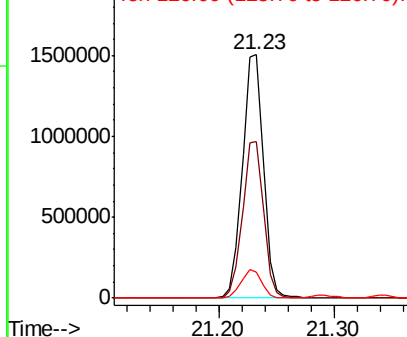
Tgt Ion:	252	Resp:	1902885
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.8
126	10.8	9.1	13.7

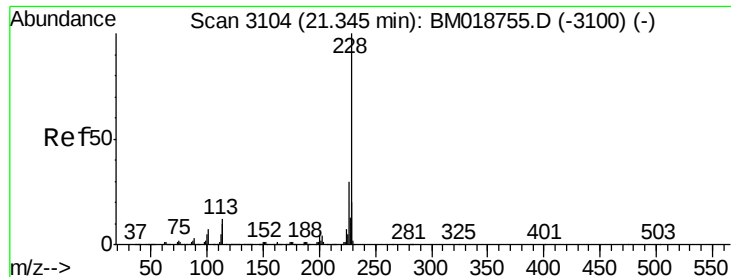
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 54.680 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:228 Resp: 5503980

Ion Ratio Lower Upper

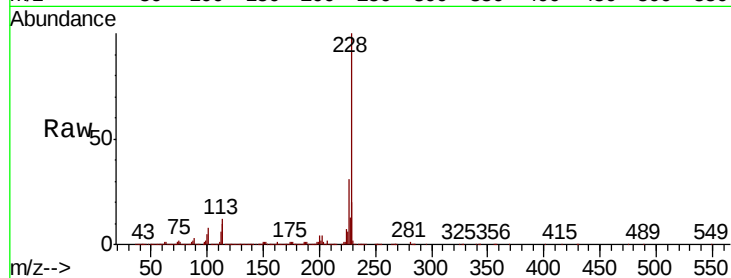
228 100

226 30.6 24.1 36.1

229 20.1 16.0 24.0

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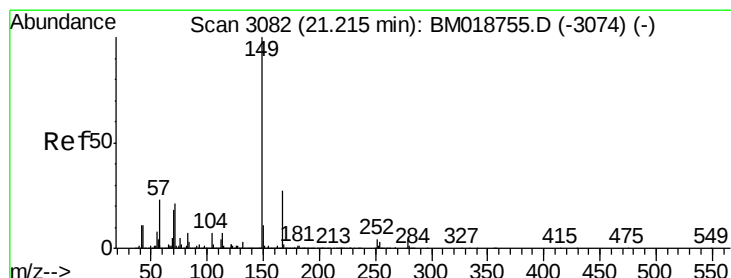
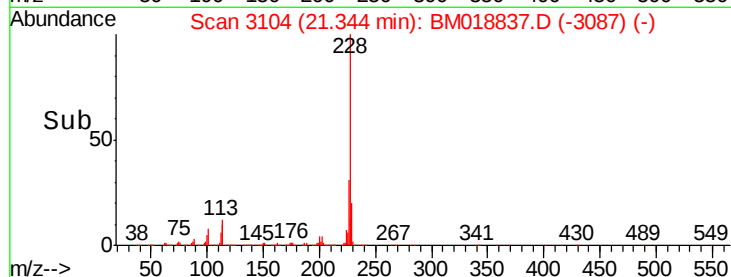
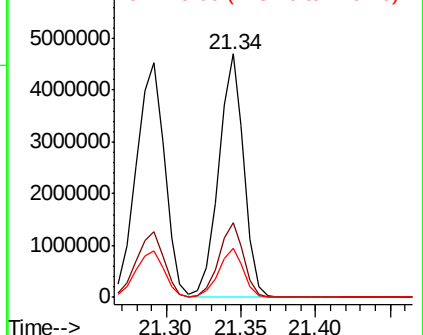


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.372 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

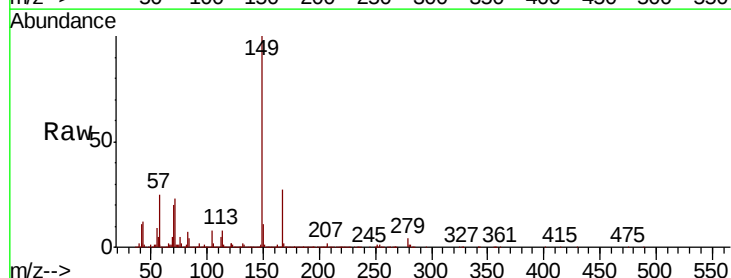
Tgt Ion:149 Resp: 4283356

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.2 3.6 5.4

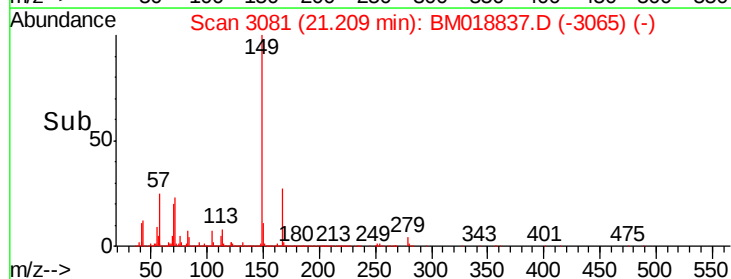
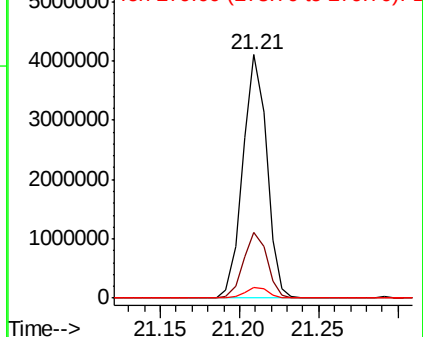


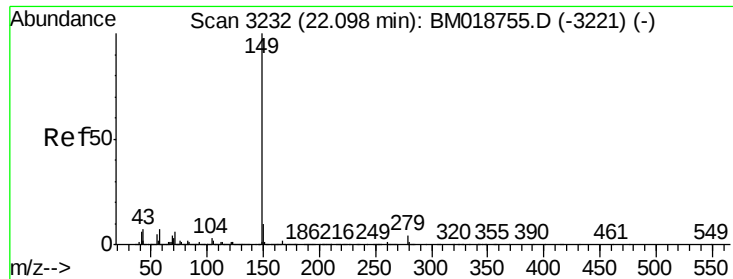
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 61.006 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

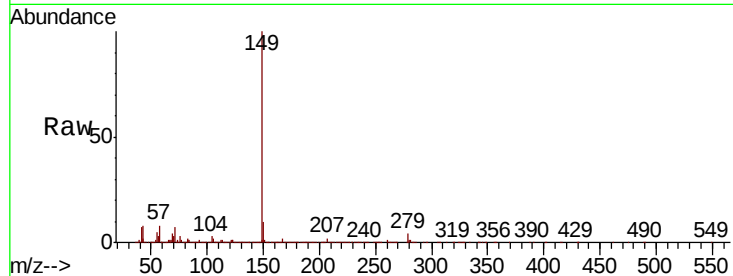
ClientSampleId :

CH-021419MS

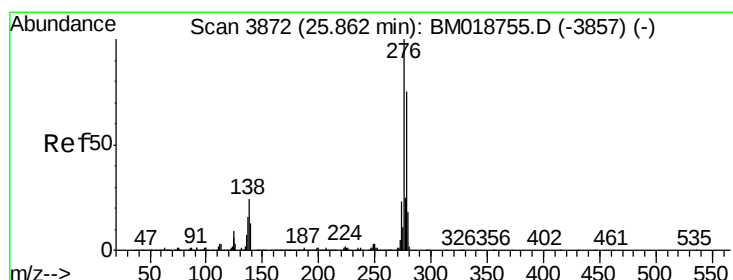
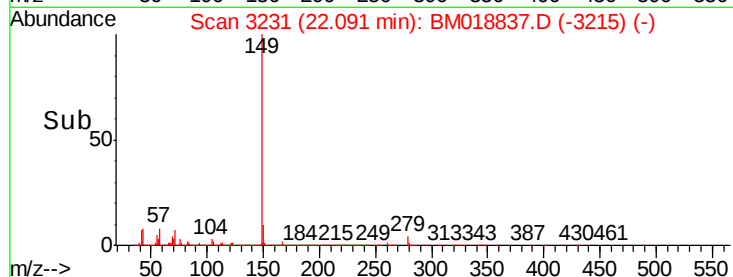
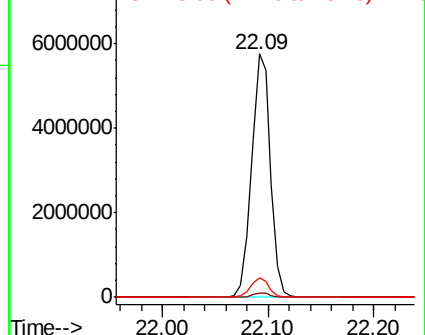
Tot Ion:	149	Resp:	7156148
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.0	9.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.902 ng

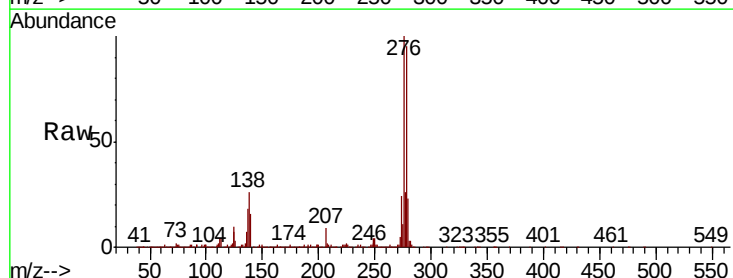
RT: 25.86 min Scan# 3871

Delta R.T. -0.01 min

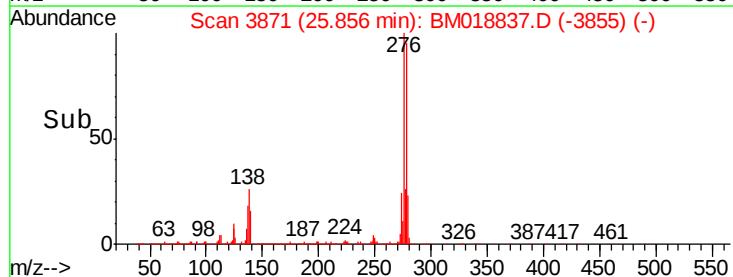
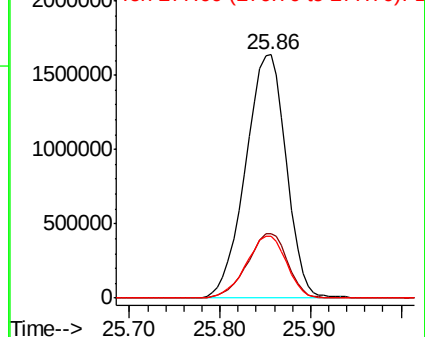
Lab File: BM018837.D

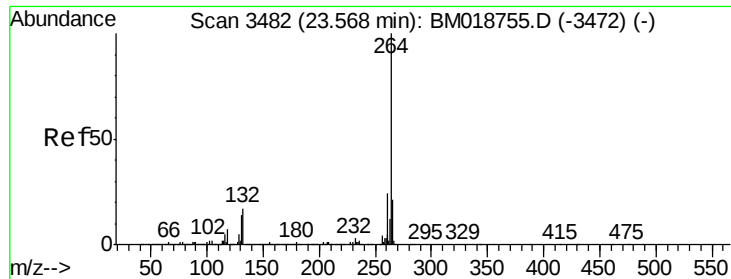
Acq: 18 Feb 2019 14:23

Tgt Ion:	276	Resp:	5102064
Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.2	30.4
277	25.4	20.3	30.5



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





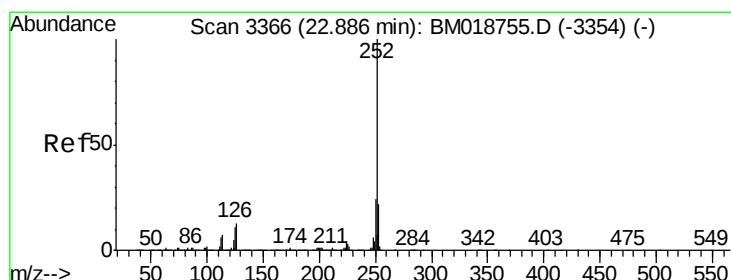
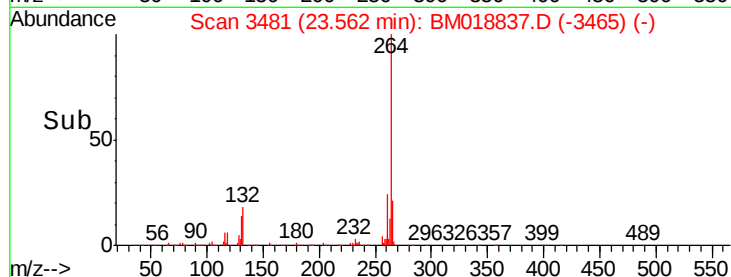
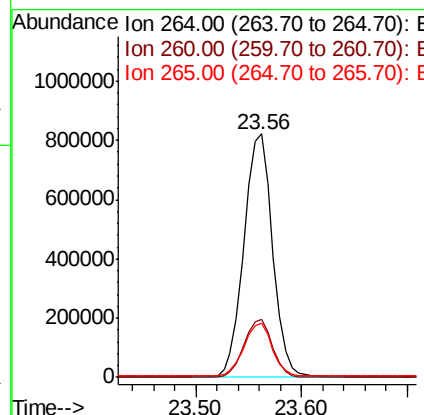
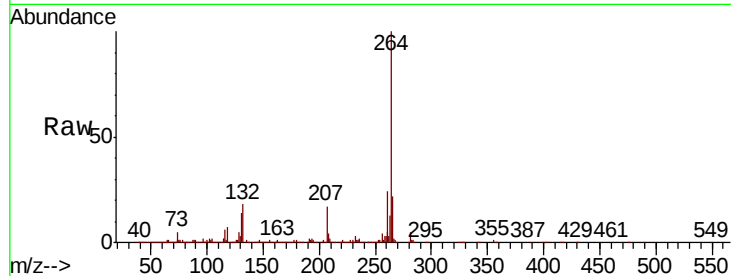
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.3	25.9

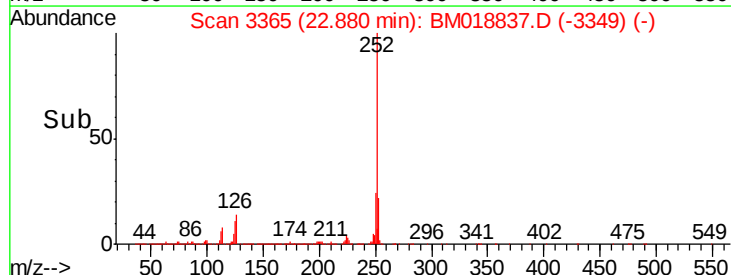
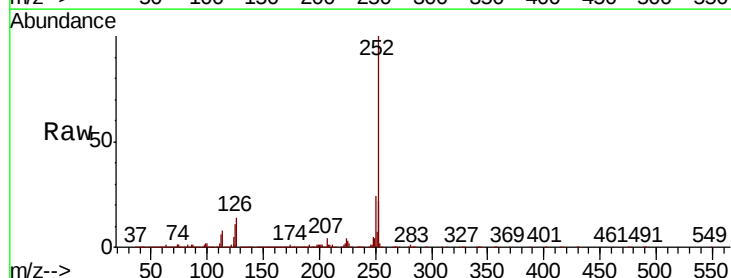
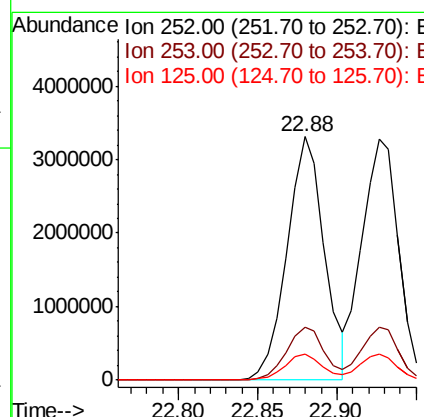
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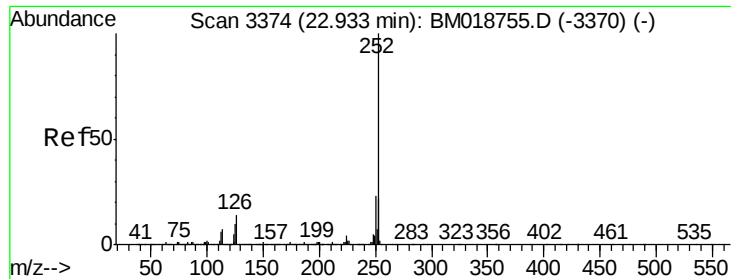
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#88
Benzo(b)fluoranthene
Concen: 60.906 ng
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 59.470 ng

RT: 22.93 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

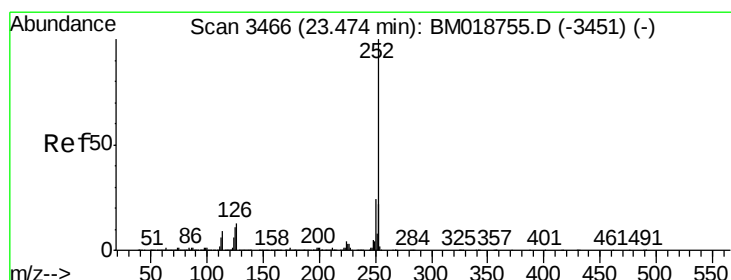
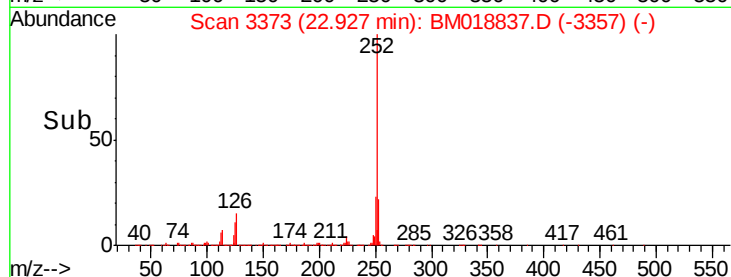
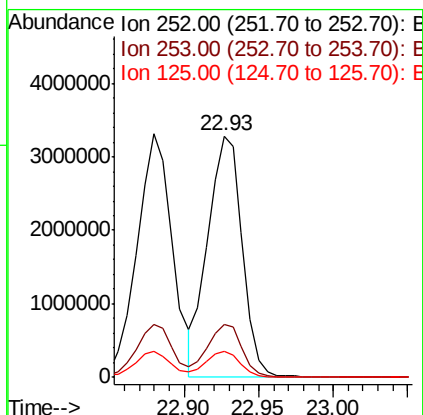
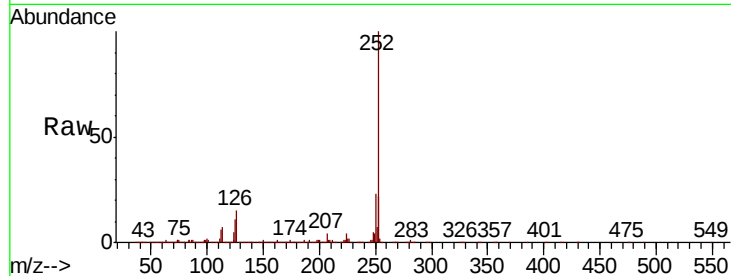
ClientSampleId :

CH-021419MS

Tot Ion:	252	Resp:	5253380
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.0	8.2	12.4

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#90

Benzo(a)pyrene

Concen: 58.756 ng

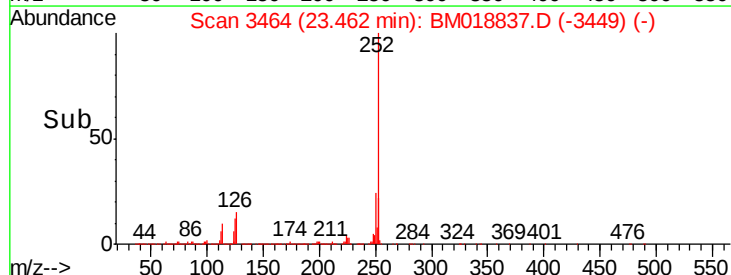
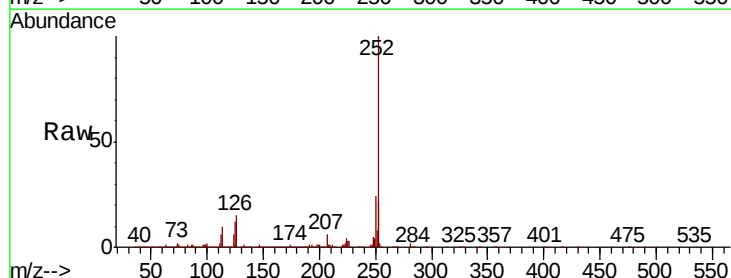
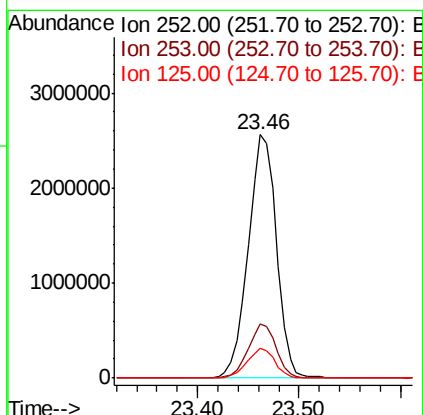
RT: 23.46 min Scan# 3464

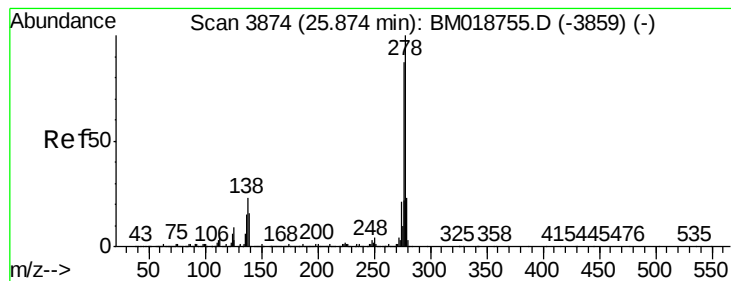
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:	252	Resp:	4938797
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.1	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 52.409 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:278 Resp: 4364463

Ion Ratio Lower Upper

278 100

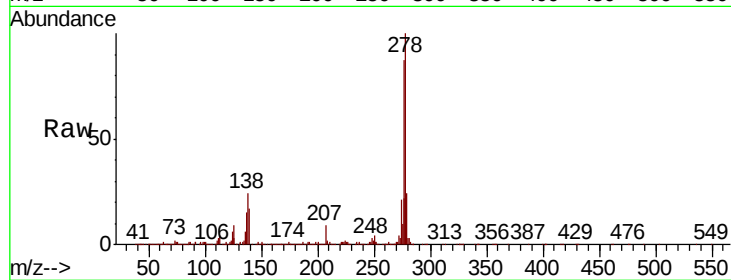
139 16.6 12.6 18.8

279 24.2 18.6 28.0

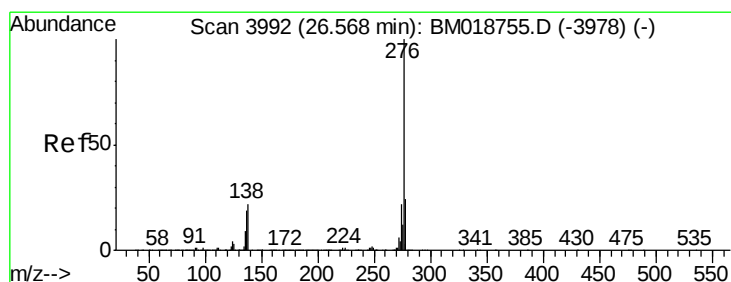
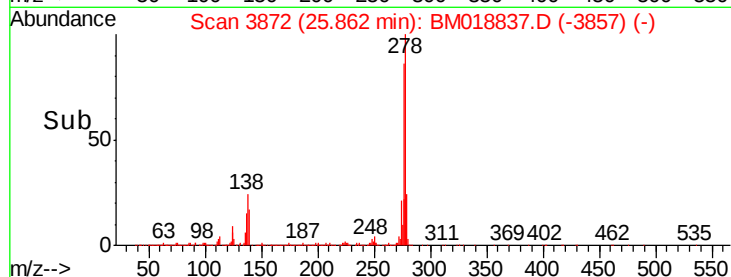
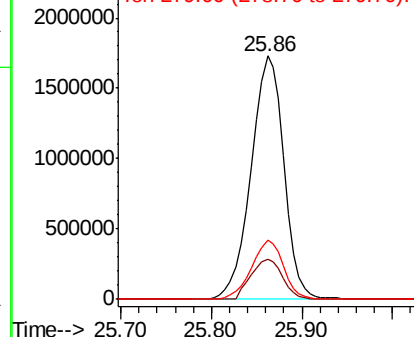
Manual Integrations
APPROVED

Sohil

2/19/2019 10:03:03 AM



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: 51.800 ng

RT: 26.56 min Scan# 3990

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

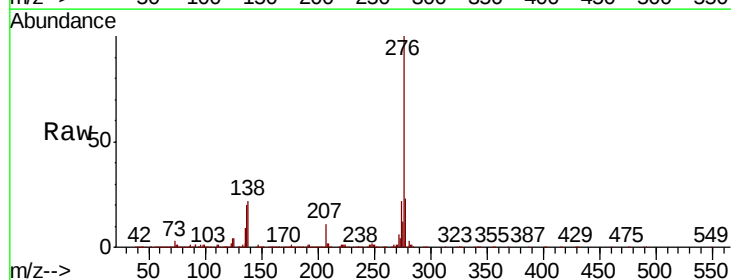
Tgt Ion:276 Resp: 4015984

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 21.9 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

