

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020051.D
 Acq On : 23 Apr 2019 23:58
 Operator : JU/SJ
 Sample : K2487-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:46 AM

Quant Time: Apr 24 04:58:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	98361	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	396157	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	222217	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	489625	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	517188	20.00	ng	-0.02
87) Perylene-d12	23.32	264	606984	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	428840	70.66	ng	-0.02
7) Phenol-d6	6.69	99	378988	41.49	ng	-0.02
23) Nitrobenzene-d5	8.66	82	858628	96.93	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	484968	135.58	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1751826	98.25	ng	-0.02
79) Terphenyl-d14	19.57	244	2805672	95.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	62723	23.948	ng	98
3) Pyridine	3.50	79	132513	18.066	ng	97
4) n-Nitrosodimethylamine	3.42	42	53958	22.836	ng	# 86
6) Aniline	6.85	93	245724	20.828	ng	98
8) 2-Chlorophenol	7.06	128	269435	35.693	ng	99
9) Benzaldehyde	6.67	77	103559	16.524	ng	97
10) Phenol	6.72	94	138150	13.843	ng	90
11) bis(2-Chloroethyl)ether	6.94	93	302248	41.394	ng	99
12) 1,3-Dichlorobenzene	7.37	146	270192	34.095	ng	96
13) 1,4-Dichlorobenzene	7.53	146	280790	34.922	ng	98
14) 1,2-Dichlorobenzene	7.83	146	280187	35.145	ng	99
15) Benzyl Alcohol	7.76	79	235940	28.413	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	271465	39.001	ng	96
17) 2-Methylphenol	7.95	107	189512	28.692	ng	95
18) Hexachloroethane	8.53	117	99312	31.776	ng	98
19) n-Nitroso-di-n-propylamine	8.30	70	307491	38.296	ng	98
20) 3+4-Methylphenols	8.29	107	229661	25.312	ng	98
22) Acetophenone	8.33	105	516651	47.882	ng	99
24) Nitrobenzene	8.71	77	444401	48.428	ng	97
25) Isophorone	9.22	82	768433	44.563	ng	99
26) 2-Nitrophenol	9.41	139	160609	41.070	ng	93
27) 2,4-Dimethylphenol	9.47	122	241503	43.677	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	424107	43.922	ng	99
29) 2,4-Dichlorophenol	9.95	162	261731	41.679	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	267437	39.568	ng	100
31) Naphthalene	10.32	128	904731	42.578	ng	99
32) Benzoic acid	9.63	122	39617	11.876	ng	96
33) 4-Chloroaniline	10.47	127	205164	23.438	ng	98
34) Hexachlorobutadiene	10.56	225	144428	36.232	ng	98
35) Caprolactam	11.35	113	15344m	6.455	ng	
36) 4-Chloro-3-methylphenol	11.59	107	284962	36.520	ng	98
37) 2-Methylnaphthalene	11.94	142	651457	42.111	ng	98
38) 1-Methylnaphthalene	12.16	142	632451	41.406	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	310628	45.312	ng	99

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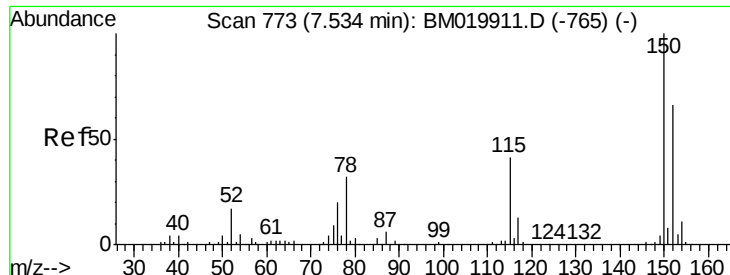
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	154353	65.989	nq	97
43) 2,4,6-Trichlorophenol	12.58	196	215656	46.401	nq	99
44) 2,4,5-Trichlorophenol	12.67	196	219400	45.356	nq	98
46) 1,1'-Biphenyl	12.98	154	887876	46.131	nq	99
47) 2-Chloronaphthalene	13.02	162	670123	45.646	nq	99
48) 2-Nitroaniline	13.27	65	245693	46.429	nq	99
49) Acenaphthylene	13.88	152	1105088	43.263	nq	99
50) Dimethylphthalate	13.63	163	982567	50.129	nq	100
51) 2,6-Dinitrotoluene	13.77	165	199622	46.056	nq	88
52) Acenaphthene	14.22	154	646925	45.677	nq	99
53) 3-Nitroaniline	14.12	138	120761	27.903	nq	98
54) 2,4-Dinitrophenol	14.35	184	186480	72.792	nq	92
55) Dibenzofuran	14.56	168	1056422	45.614	nq	98
56) 4-Nitrophenol	14.47	139	84977	28.920	nq	# 81
57) 2,4-Dinitrotoluene	14.58	165	280819	45.073	nq	99
58) Fluorene	15.22	166	902096	45.967	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	202234	45.820	nq	99
60) Diethylphthalate	15.00	149	971857	47.673	nq	99
61) 4-Chlorophenyl-phenylether	15.22	204	445560	47.156	nq	97
62) 4-Nitroaniline	15.30	138	167967	39.391	nq	89
63) Azobenzene	15.51	77	1052974	48.328	nq	98
65) 4,6-Dinitro-2-methylphenol	15.35	198	122962	39.361	nq	96
66) n-Nitrosodiphenylamine	15.44	169	764510	47.761	nq	99
67) 4-Bromophenyl-phenylether	16.12	248	260022	46.191	nq	97
68) Hexachlorobenzene	16.22	284	302094	44.725	nq	98
69) Atrazine	16.41	200	264057	48.594	nq	99
70) Pentachlorophenol	16.58	266	301515	87.366	nq	100
71) Phenanthrene	16.97	178	1358181	46.744	nq	100
72) Anthracene	17.06	178	1365576	47.214	nq	100
73) Carbazole	17.35	167	1283052	47.514	nq	99
74) Di-n-butylphthalate	17.89	149	1712460	48.288	nq	99
75) Fluoranthene	19.00	202	1603910	47.967	nq	100
77) Benzidine	19.22	184	226651	15.883	nq	98
78) Pyrene	19.37	202	1644952	48.028	nq	100
80) Butylbenzylphthalate	20.27	149	851727	51.294	nq	99
81) Benzo(a)anthracene	21.13	228	1621803	49.502	nq	100
82) 3,3'-Dichlorobenzidine	21.07	252	482328	39.569	nq	100
83) Chrysene	21.18	228	1620881	51.588	nq	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1260813	51.003	nq	100
85) Di-n-octyl phthalate	21.90	149	2232333	55.653	nq	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2441255	78.984	nq	99
88) Benzo(b)fluoranthene	22.67	252	1916021	47.539	nq	99
89) Benzo(k)fluoranthene	22.71	252	1784551	47.031	nq	99
90) Benzo(a)pyrene	23.23	252	1782553	49.915	nq	98
91) Dibenzo(a,h)anthracene	25.51	278	2105327	61.146	nq	99
92) Benzo(g,h,i)perylene	26.17	276	1919575	61.553	nq	99

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



#1

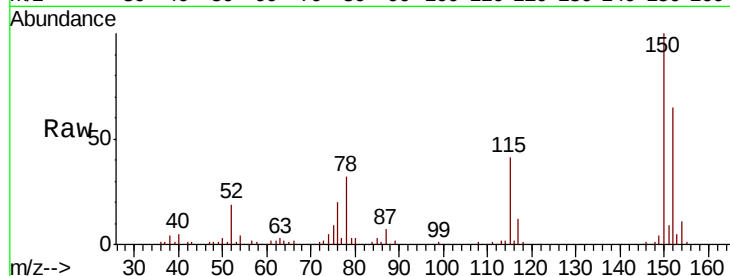
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampled :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.1	183.1
115	62.4	50.0	75.0

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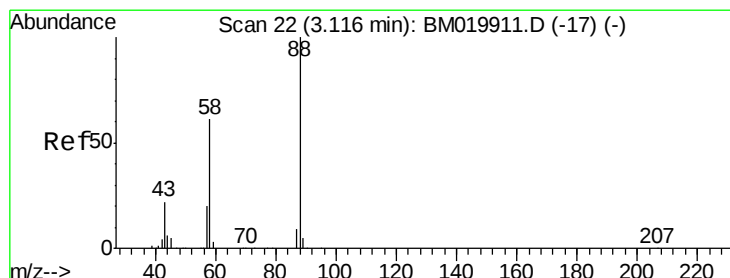
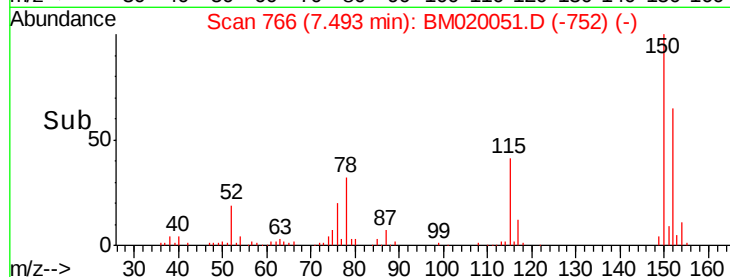
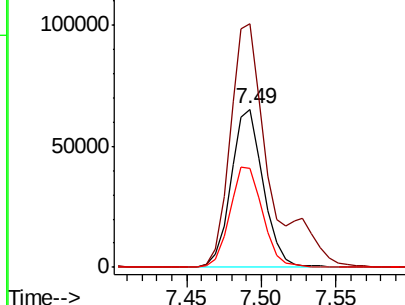


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

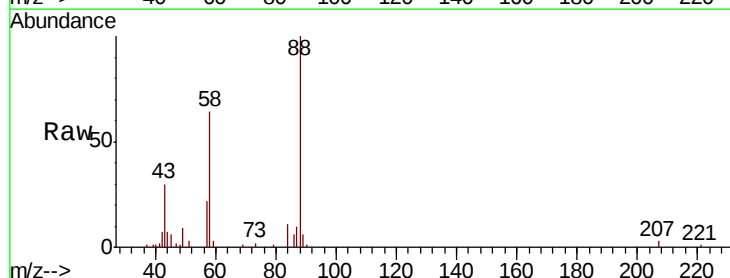
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.948 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	49.6	74.4
43	20.9	18.6	27.8

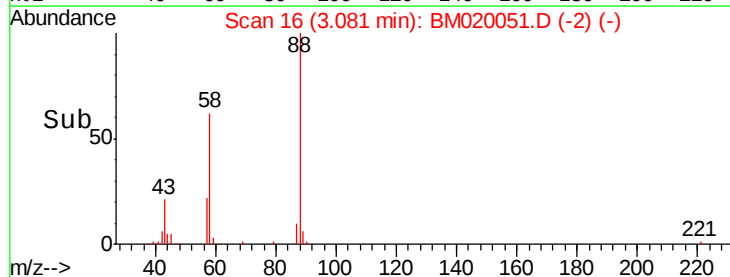
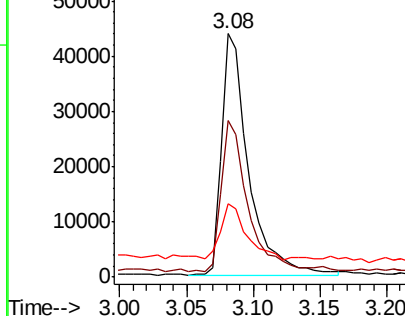


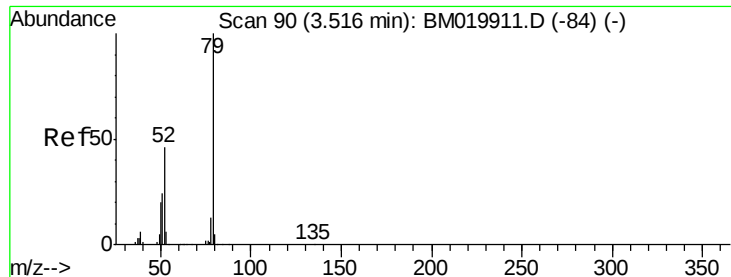
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 18.066 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

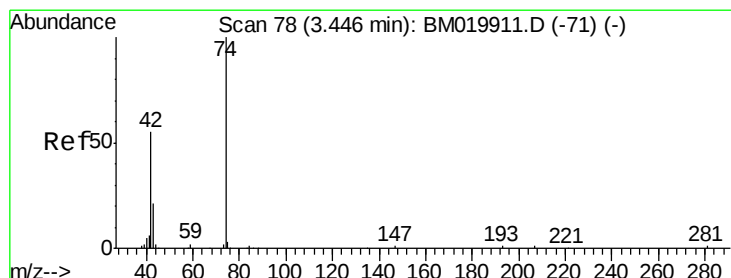
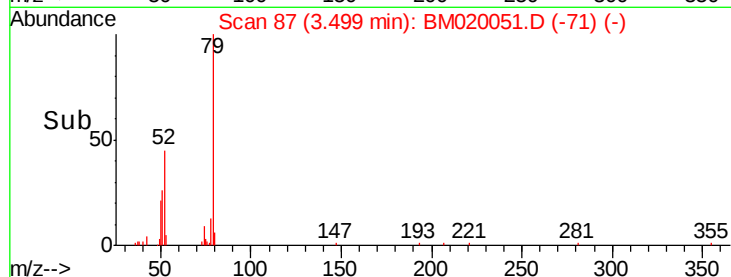
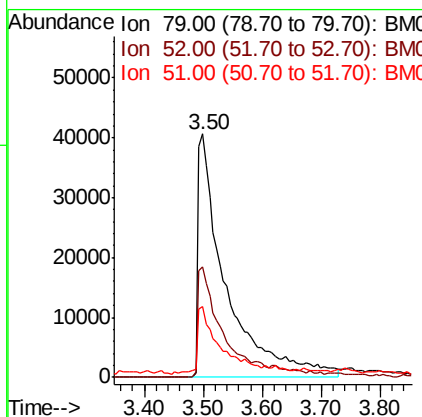
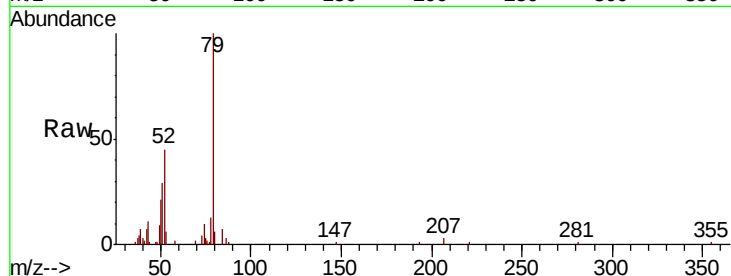
ClientSampled :

GMW-7MSD

Tot Ion:	79	Resp:	132513
Ion Ratio	Lower	Upper	
79	100		
52	45.5	36.9	55.3
51	28.8	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 22.836 ng

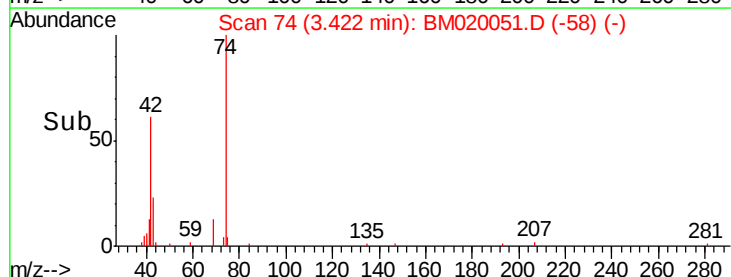
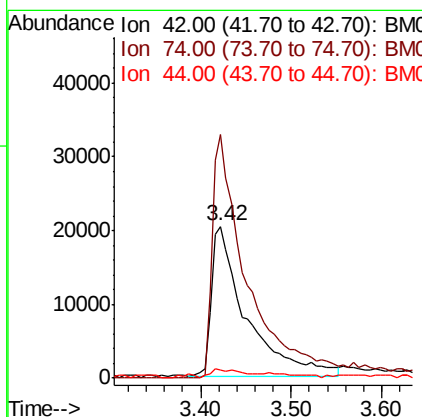
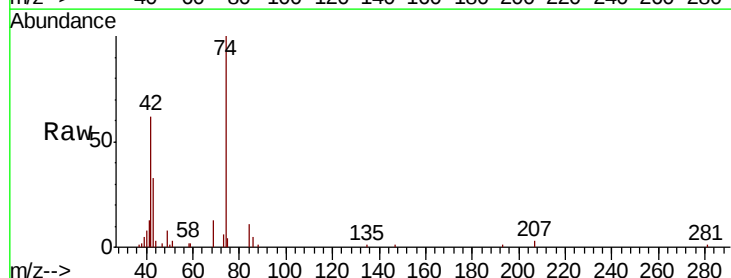
RT: 3.42 min Scan# 74

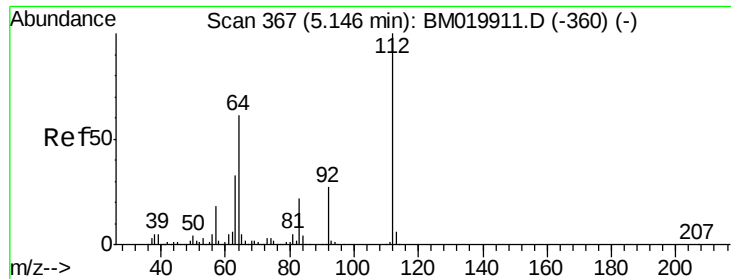
Delta R.T. -0.01 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Tgt Ion:	42	Resp:	53958
Ion Ratio	Lower	Upper	
42	100		
74	160.2	144.6	217.0
44	5.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 70.658 ng

RT: 5.11 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

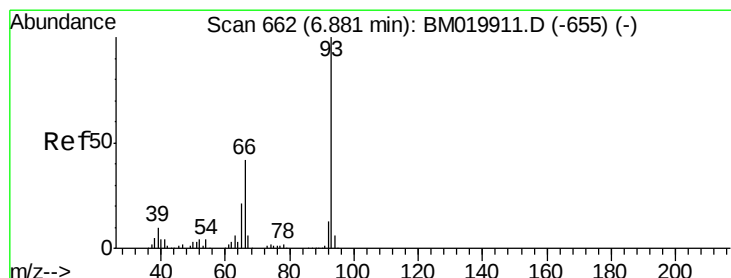
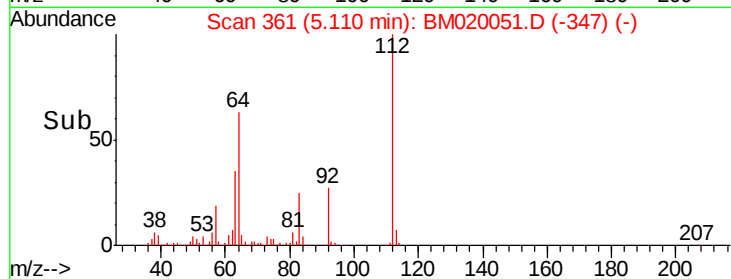
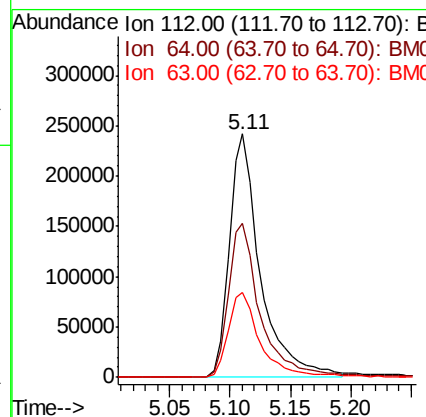
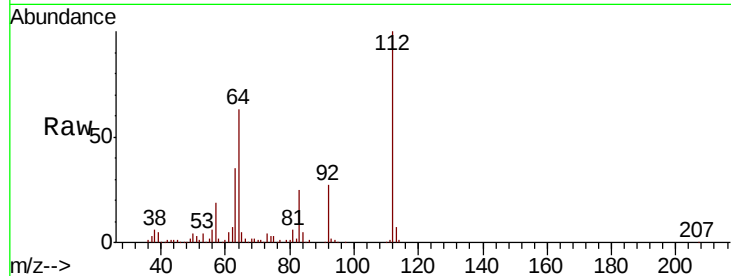
ClientSampleId :

GMW-7MSD

Tot Ion:	112	Resp:	428840
Ion Ratio	Lower	Upper	
112	100		
64	63.1	49.1	73.7
63	34.8	26.5	39.7

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#6

Aniline

Concen: 20.828 ng

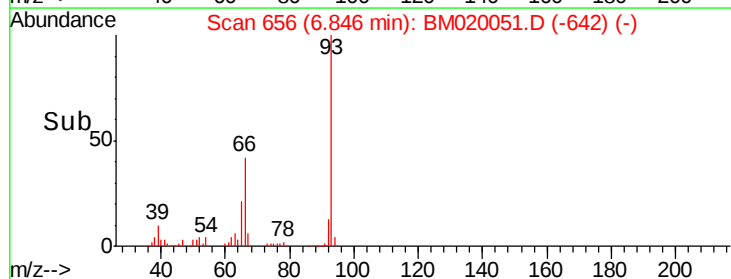
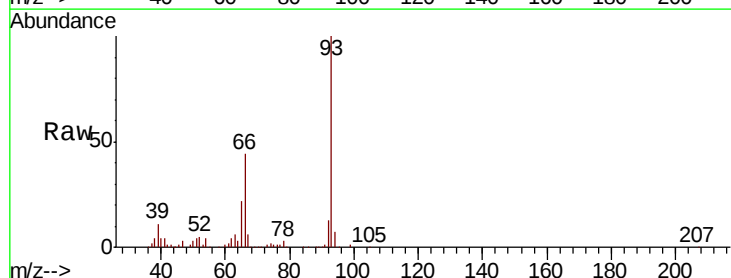
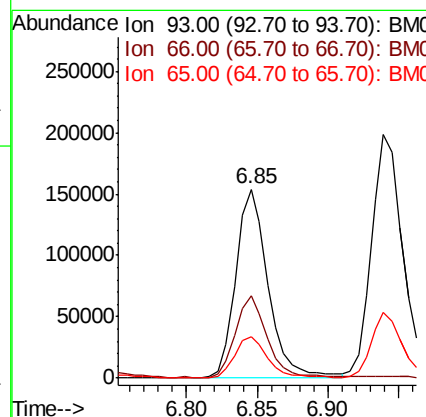
RT: 6.85 min Scan# 656

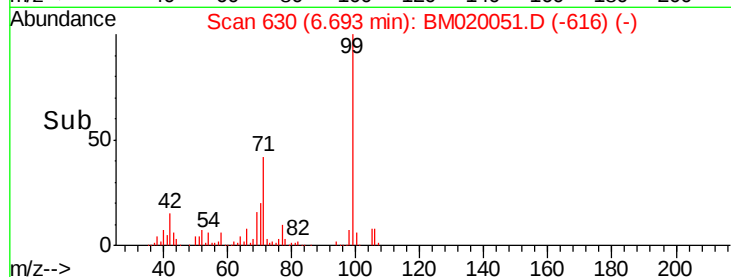
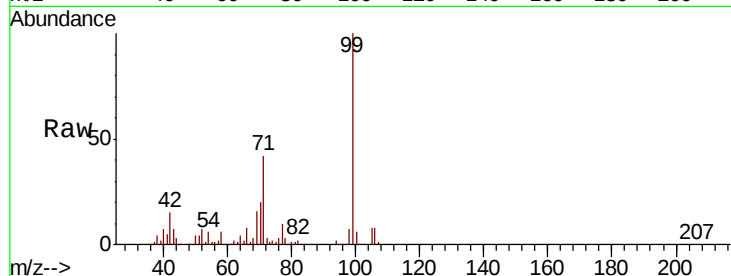
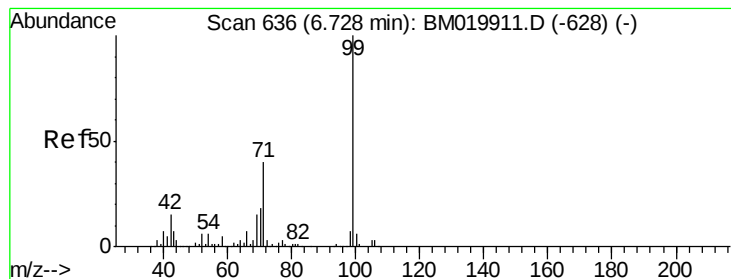
Delta R.T. -0.02 min

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Tgt Ion:	93	Resp:	245724
Ion Ratio	Lower	Upper	
93	100		
66	43.8	33.9	50.9
65	22.0	17.0	25.6





#7

Phenol-d6

Concen: 41.492 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		378988		
42	15.0	11.8		17.8	
71	42.0	32.0		48.0	

Instrument :

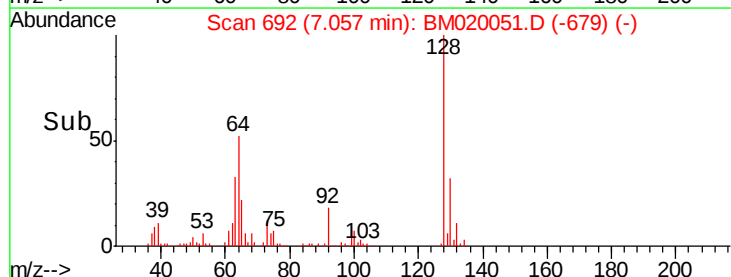
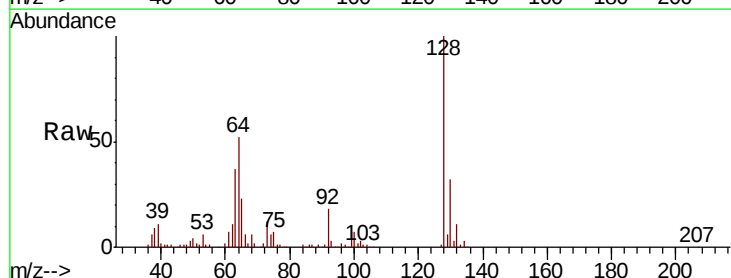
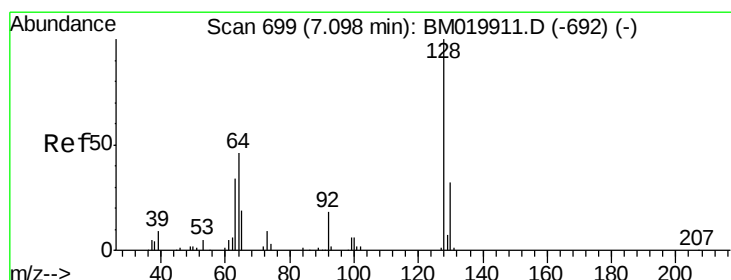
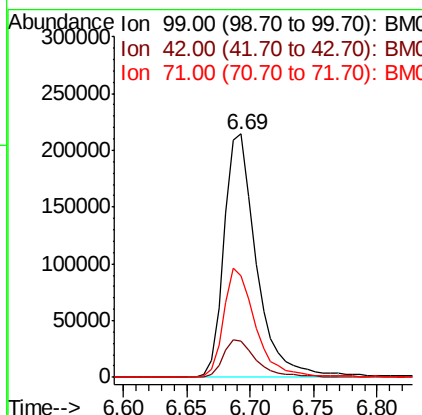
BNA_M

ClientSampled :

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#8

2-Chlorophenol

Concen: 35.693 ng

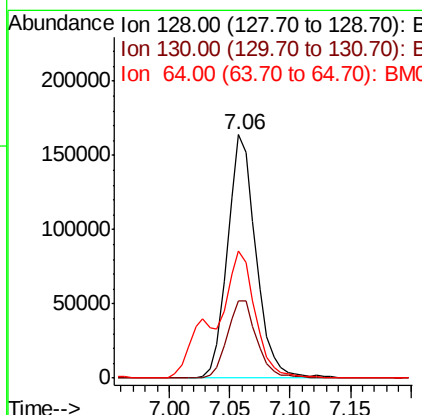
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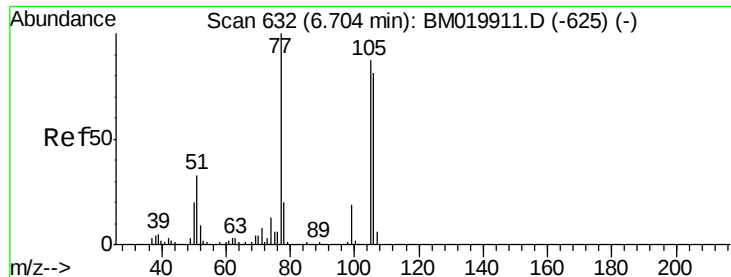
Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		269435		
130	31.7	12.0		52.0	
64	52.1	33.0		73.0	





#9

Benzaldehyde

Concen: 16.524 ng

RT: 6.67 min Scan# 627

Delta R.T. -0.01 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

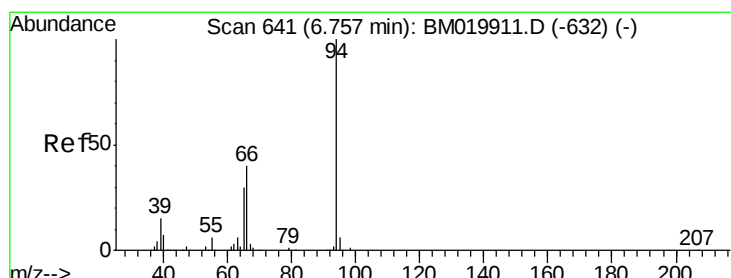
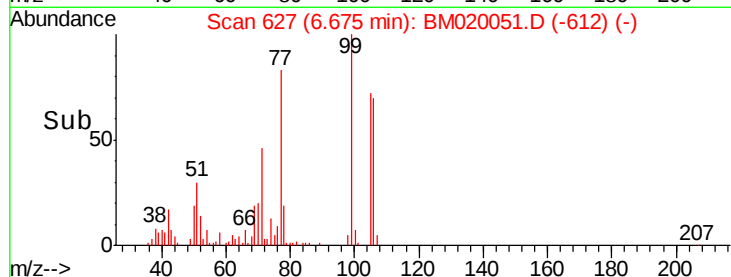
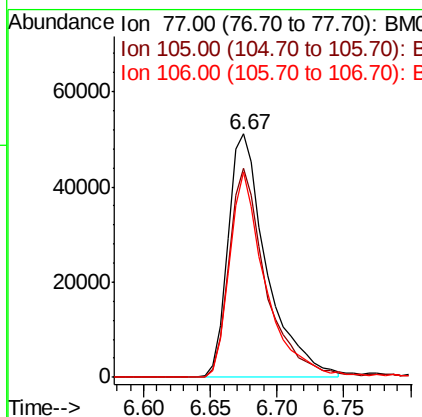
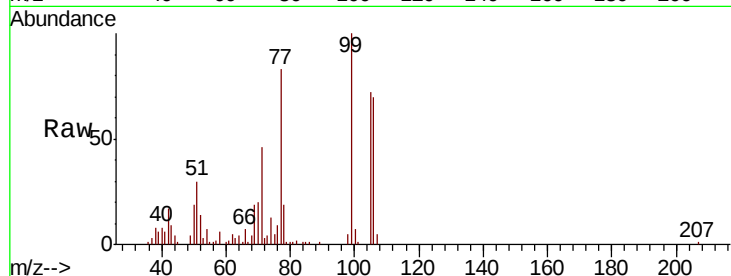
ClientSampleId :

GMW-7MSD

Tot Ion:	77	Resp:	103559
Ion	Ratio	Lower	Upper
77	100		
105	86.0	67.3	107.3
106	84.1	60.6	100.6

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#10

Phenol

Concen: 13.843 ng

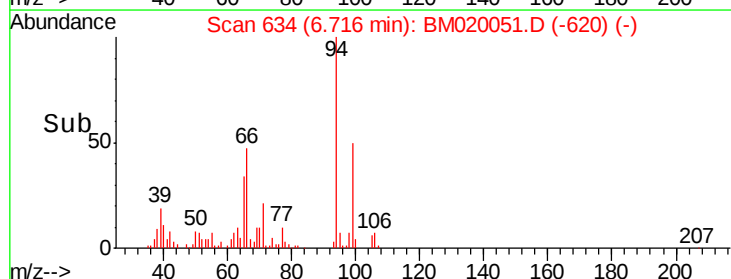
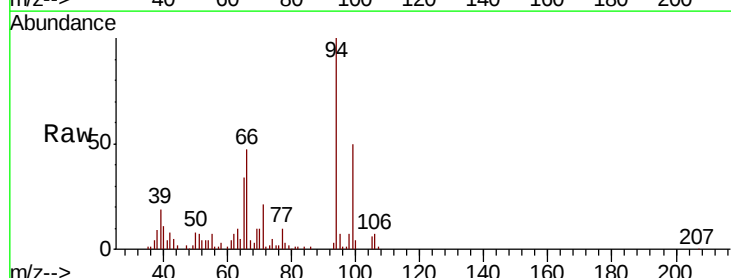
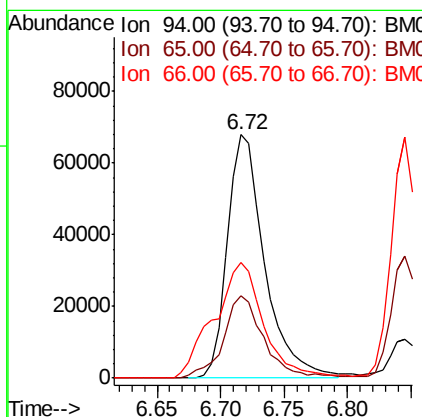
RT: 6.72 min Scan# 634

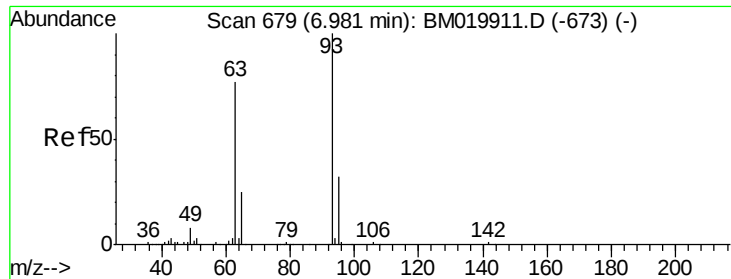
Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Tgt Ion:	94	Resp:	138150
Ion	Ratio	Lower	Upper
94	100		
65	34.1	10.0	50.0
66	47.3	20.2	60.2





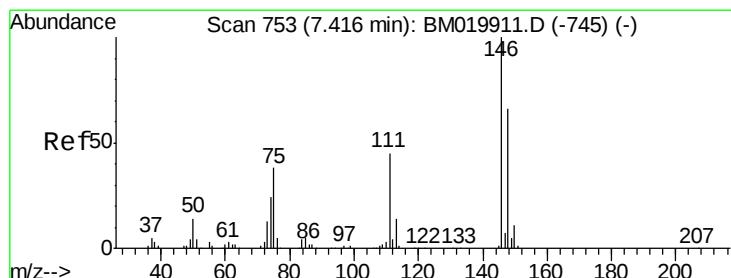
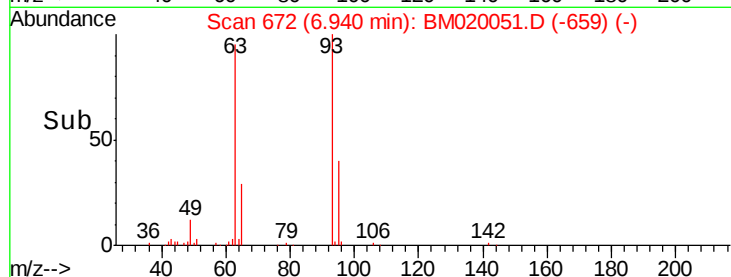
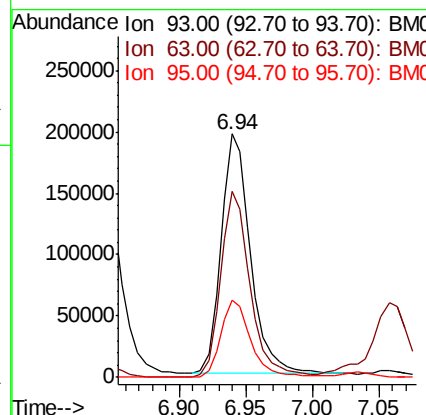
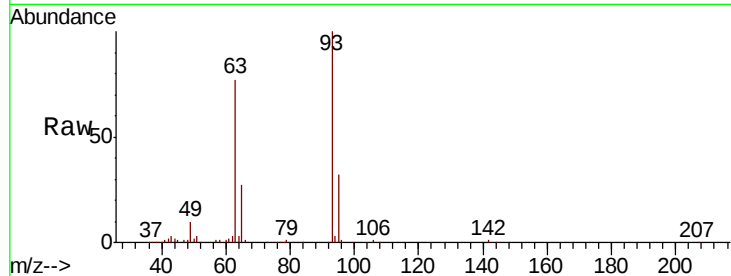
#11
bis(2-Chloroethyl)ether
Concen: 41.394 ng
RT: 6.94 min Scan# 672
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampled :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	55.8	95.8
95	31.8	11.6	51.6

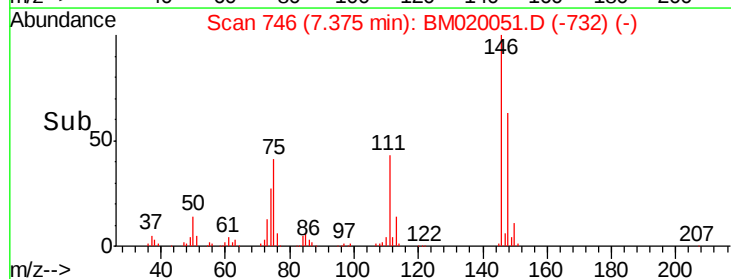
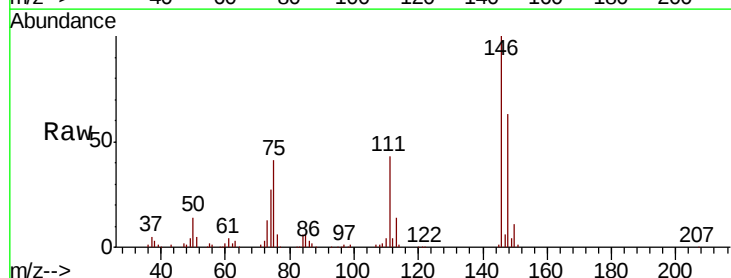
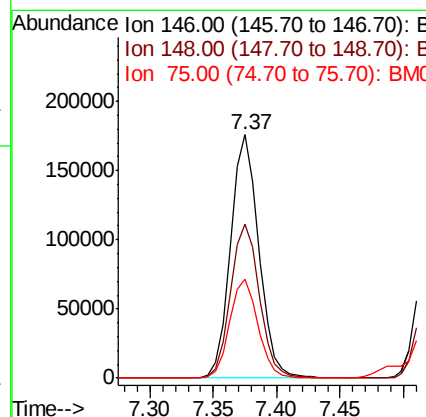
Manual Integrations
APPROVED

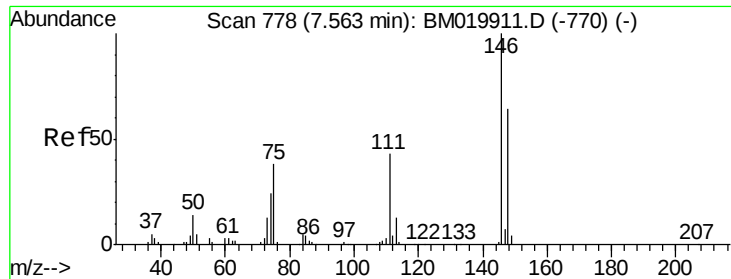
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#12
1,3-Dichlorobenzene
Concen: 34.095 ng
RT: 7.37 min Scan# 746
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.6	78.8
75	40.8	30.0	45.0





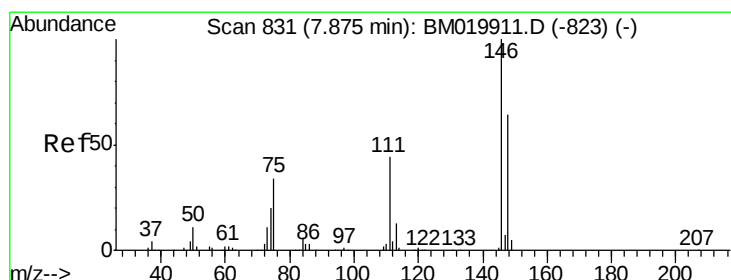
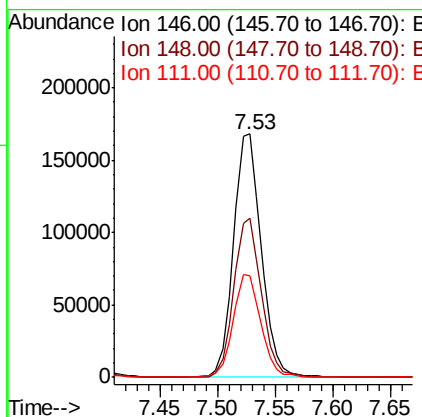
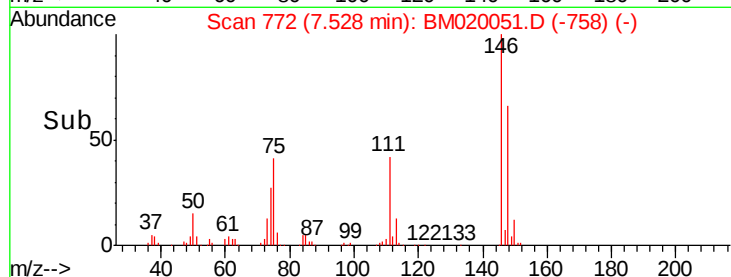
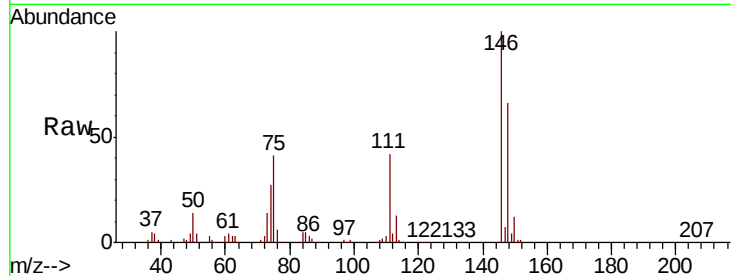
#13
 1,4-Dichlorobenzene
 Concen: 34.922 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	41.9	34.6	51.8

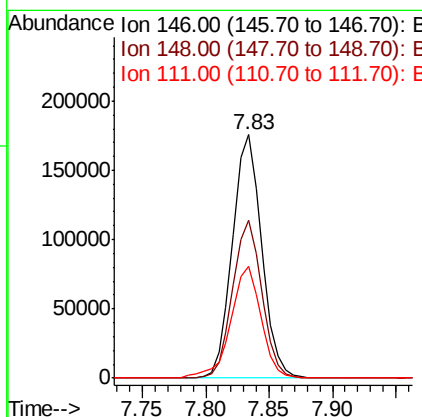
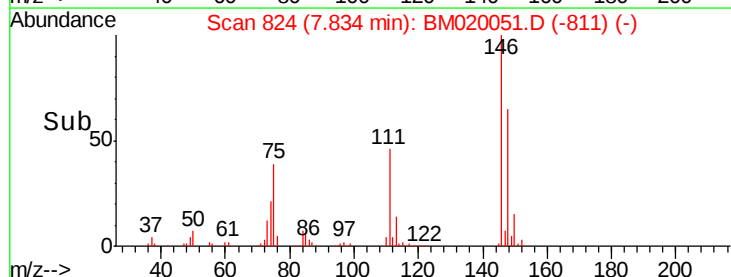
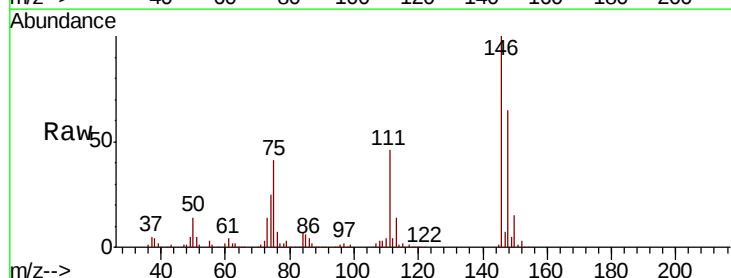
Manual Integrations
 APPROVED

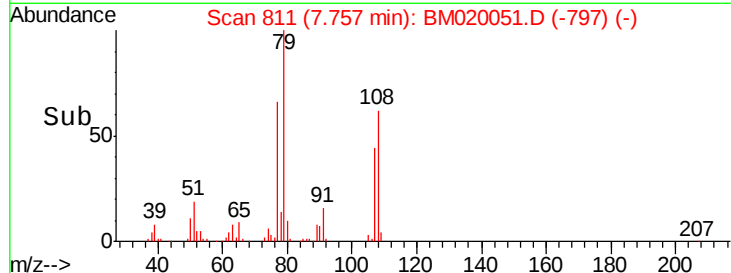
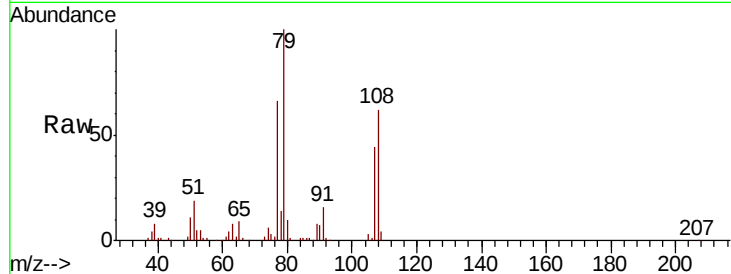
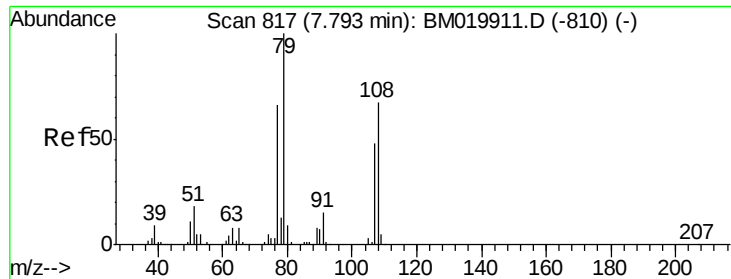
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#14
 1,2-Dichlorobenzene
 Concen: 35.145 ng
 RT: 7.83 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	45.9	35.4	53.0





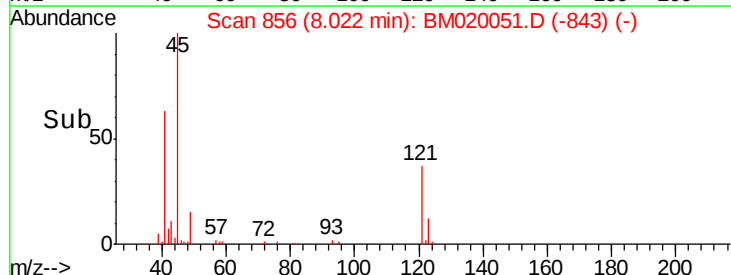
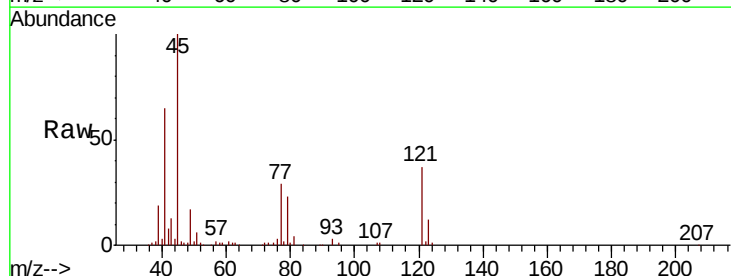
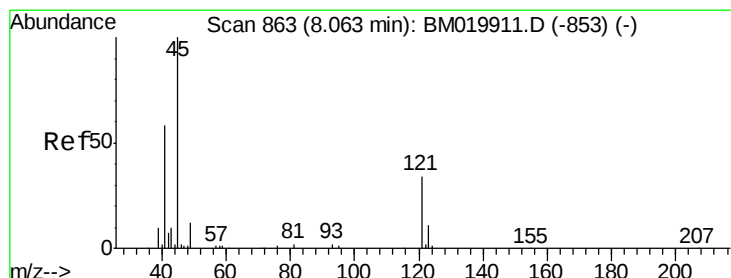
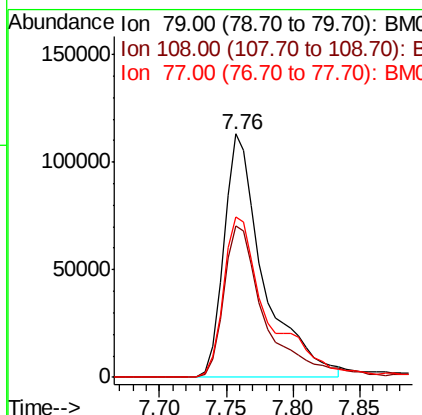
#15
Benzyl Alcohol
Concen: 28.413 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	62.4	53.9	80.9	
77	65.8	53.1	79.7	

Instrument :
BNA_M
ClientSampleID :
GMW-7MSD

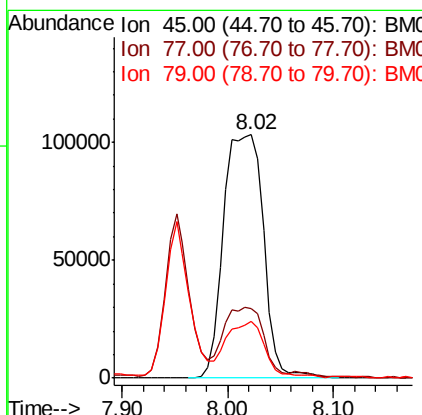
Manual Integrations
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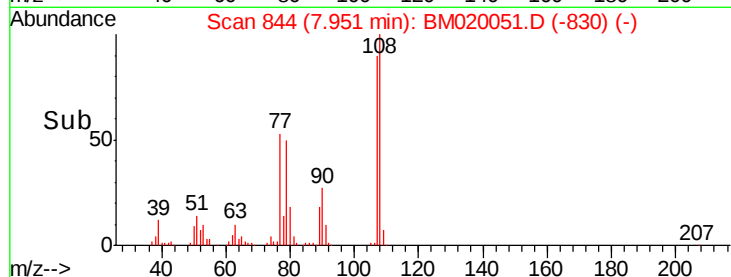
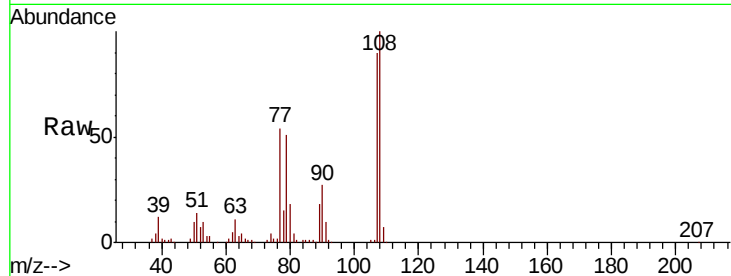
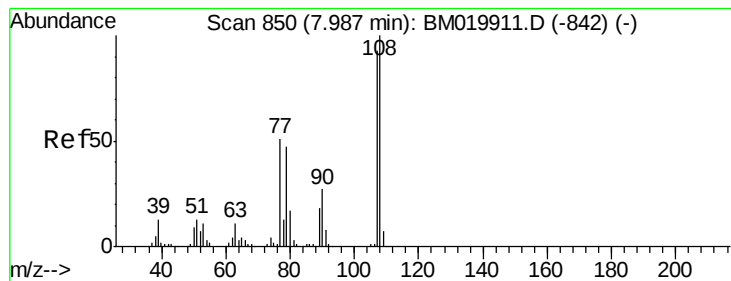
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.001 ng
RT: 8.02 min Scan# 856
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	28.8	7.2	47.2	
79	23.2	1.2	41.2	





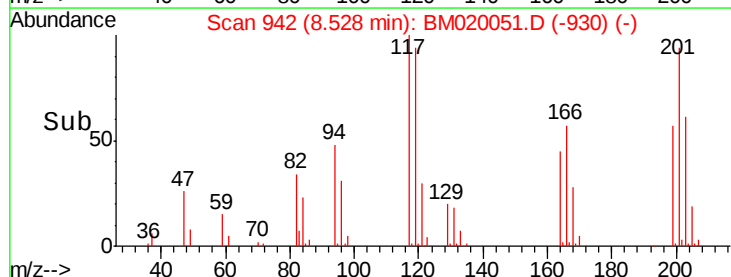
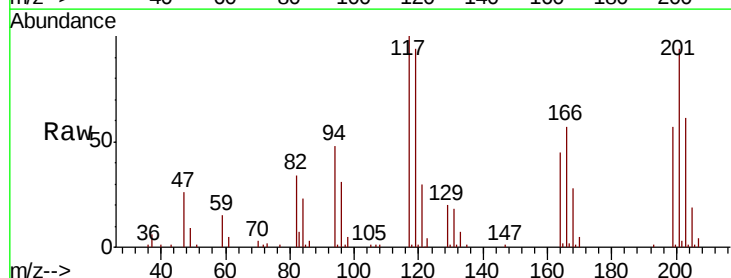
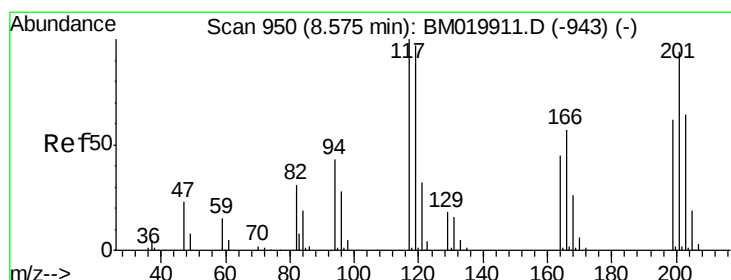
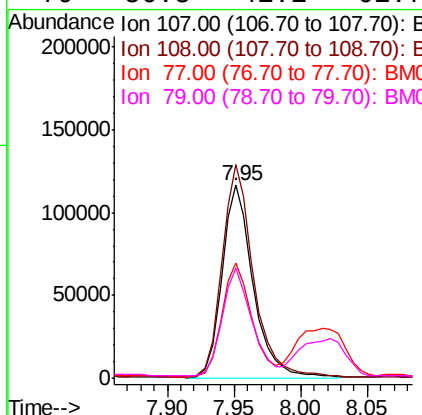
#17
2-Methylphenol
Concen: 28.692 ng
RT: 7.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	85.9	128.9	
77	59.8	43.8	65.6	
79	56.8	41.1	61.7	

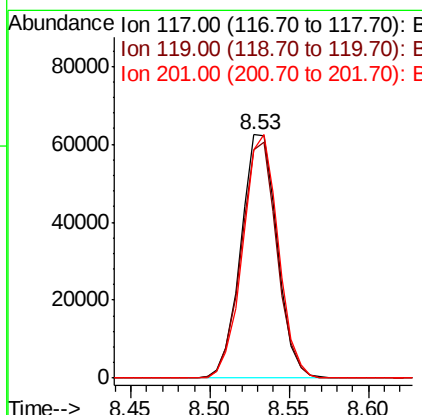
Manual Integrations
APPROVED

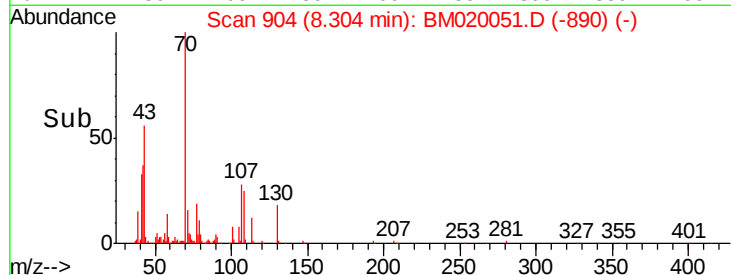
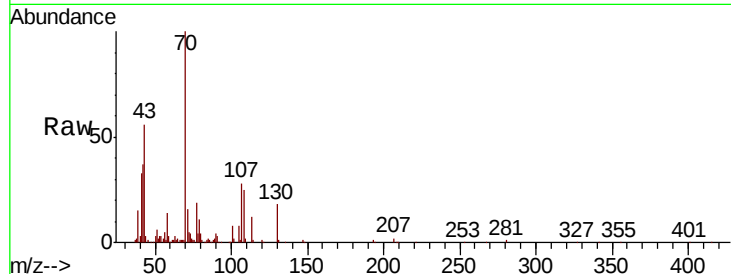
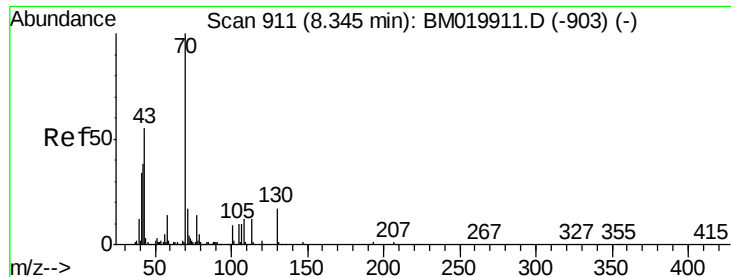
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#18
Hexachloroethane
Concen: 31.776 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.03 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	77.6	116.4	
201	94.0	75.4	113.2	





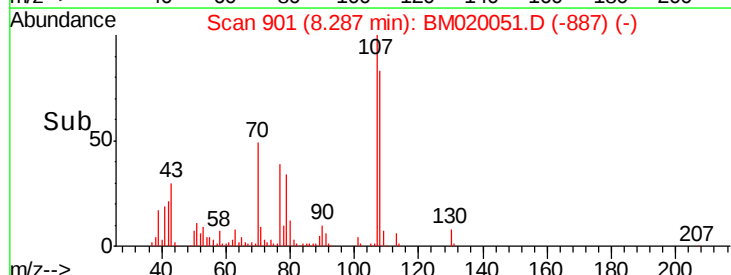
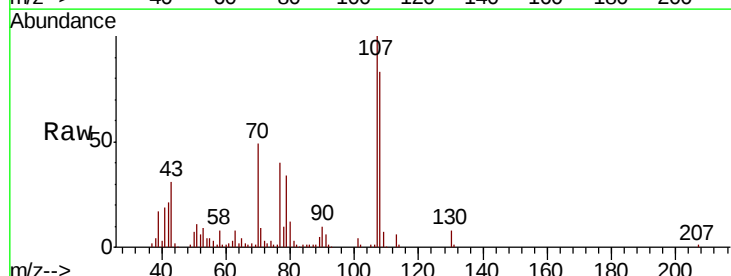
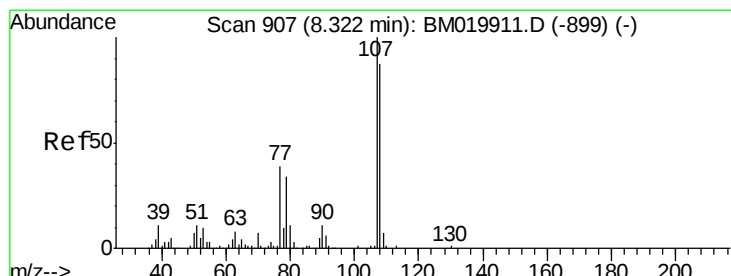
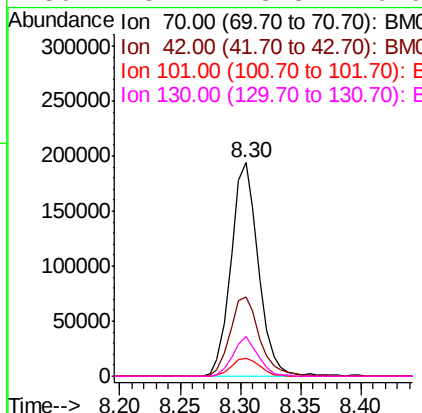
#19
n-Nitroso-di-n-propylamine
Concen: 38.296 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.2	30.3	45.5	
101	8.2	6.9	10.3	
130	18.4	13.8	20.6	

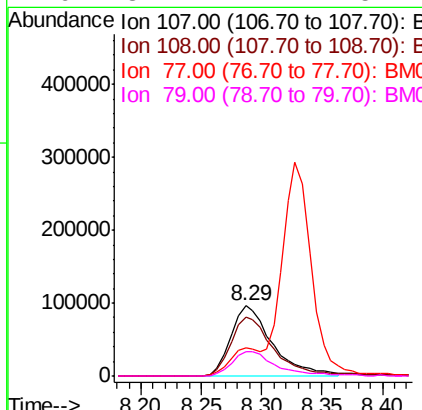
Manual Integrations
APPROVED

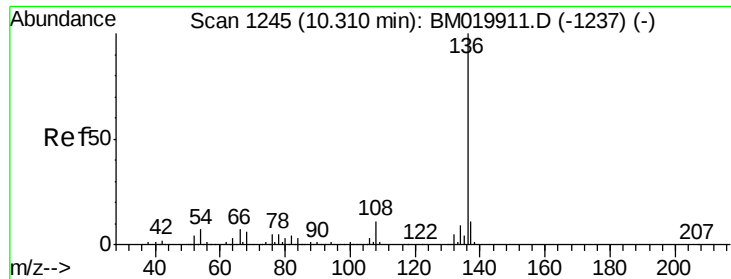
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#20
3+4-Methylphenols
Concen: 25.312 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.3	67.4	107.4	
77	39.6	19.7	59.7	
79	34.2	14.1	54.1	





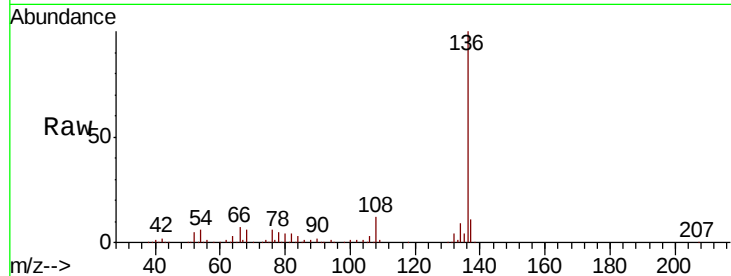
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

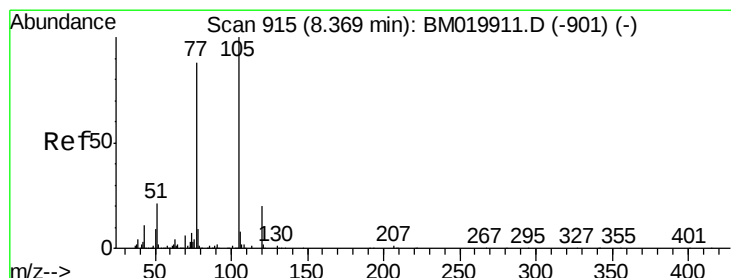
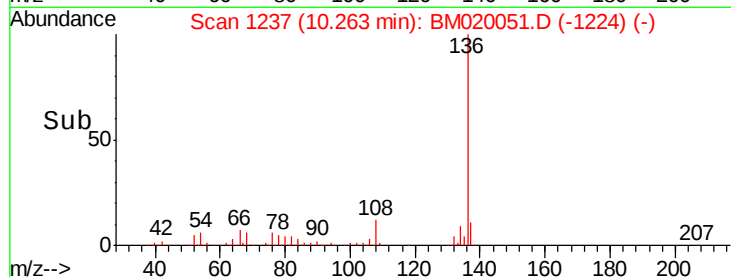
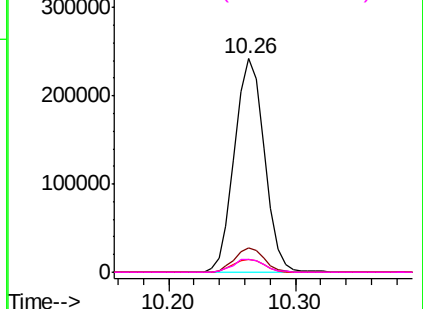
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	6.2	5.3	7.9	
68	6.3	5.2	7.8	

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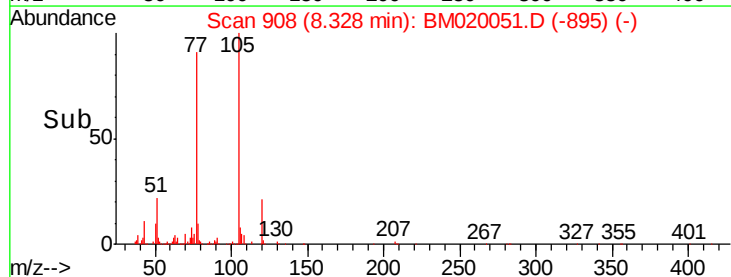
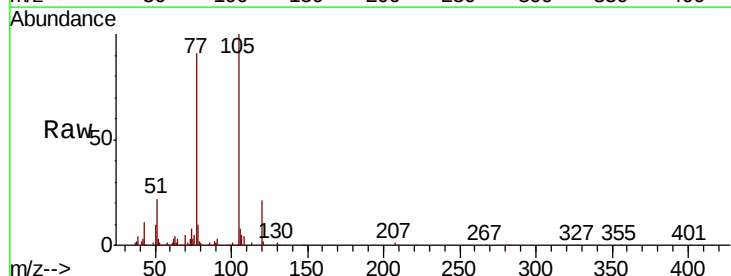
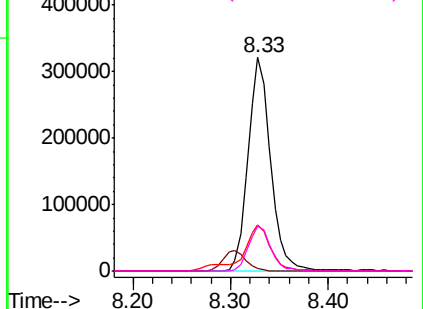
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

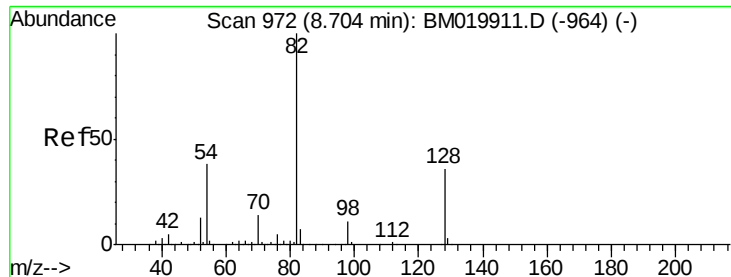


#22
Acetophenone
Concen: 47.882 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	0.8	1.2	
51	21.8	16.9	25.3	
120	20.9	16.4	24.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





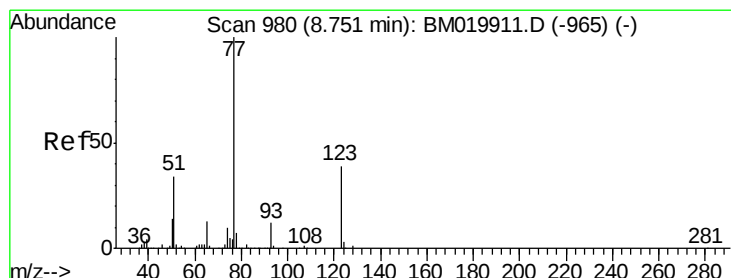
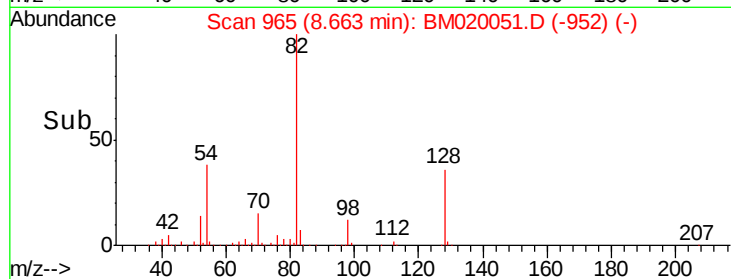
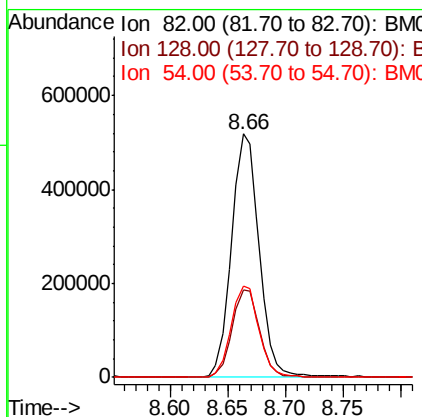
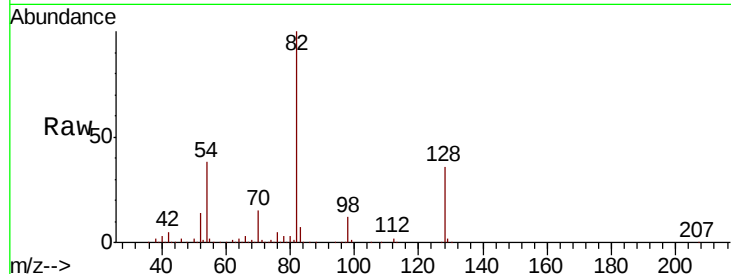
#23
 Nitrobenzene-d5
 Concen: 96.928 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.8	29.0	43.4	
54	37.7	30.2	45.4	

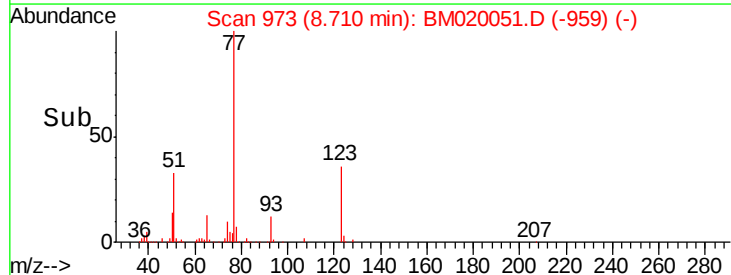
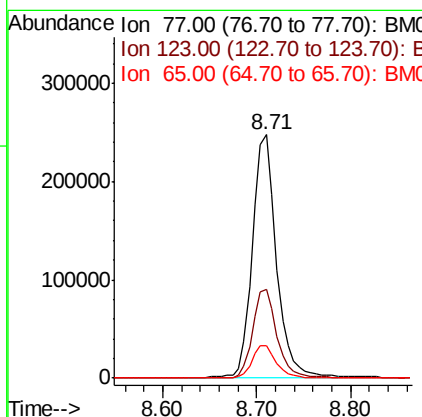
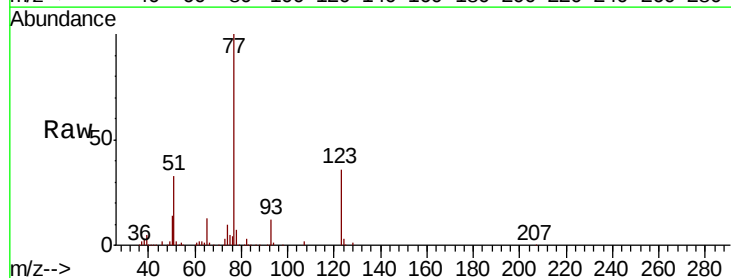
Manual Integrations
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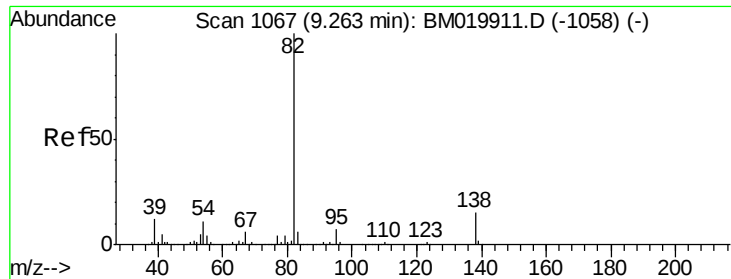
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#24
 Nitrobenzene
 Concen: 48.428 ng
 RT: 8.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.3	31.0	46.4	
65	13.2	10.6	16.0	





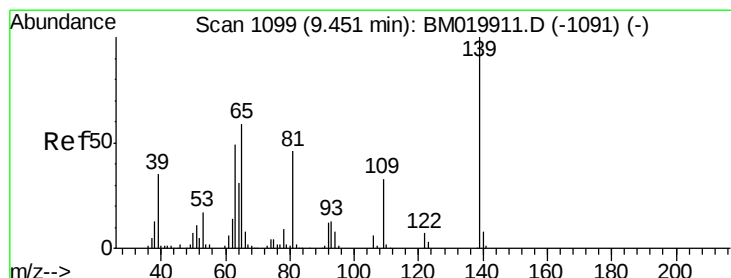
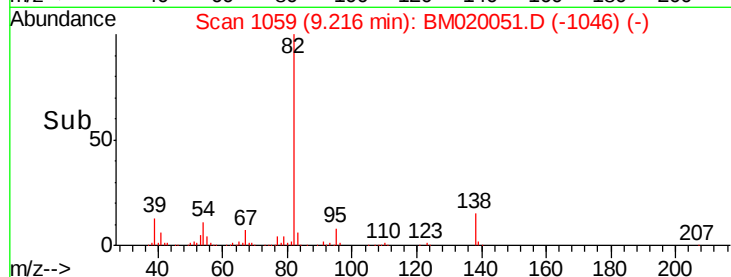
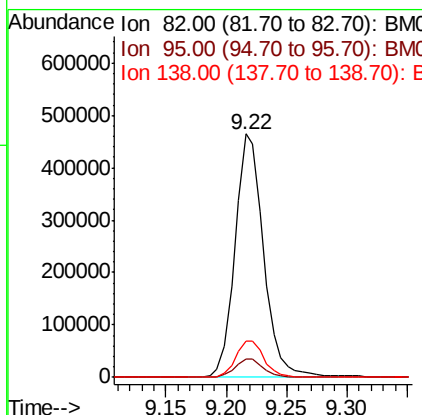
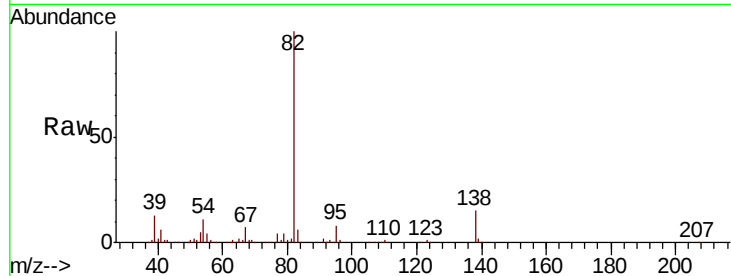
#25
Isophorone
Concen: 44.563 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	82	Resp	768433
Ion Ratio	100	Lower	Upper
82	100		
95	7.5	5.5	8.3
138	14.9	12.2	18.2

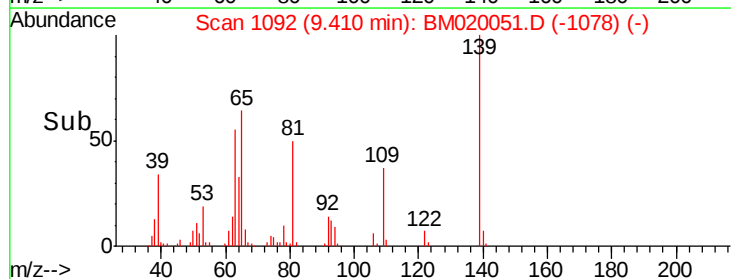
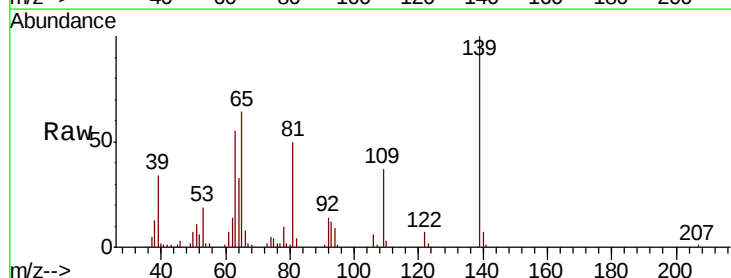
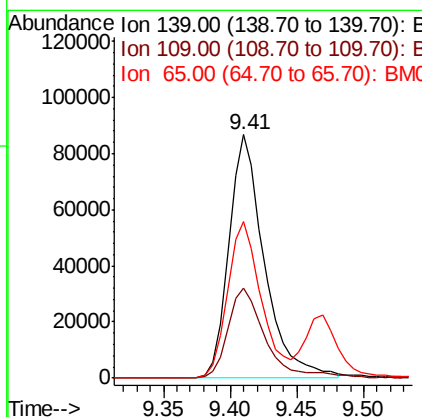
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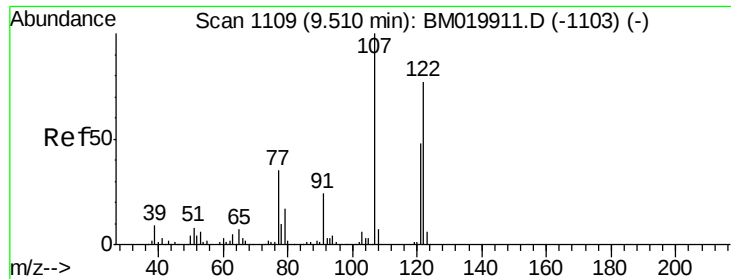
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#26
2-Nitrophenol
Concen: 41.070 ng
RT: 9.41 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	139	Resp	160609
Ion Ratio	100	Lower	Upper
139	100		
109	36.8	26.3	39.5
65	64.0	47.4	71.2





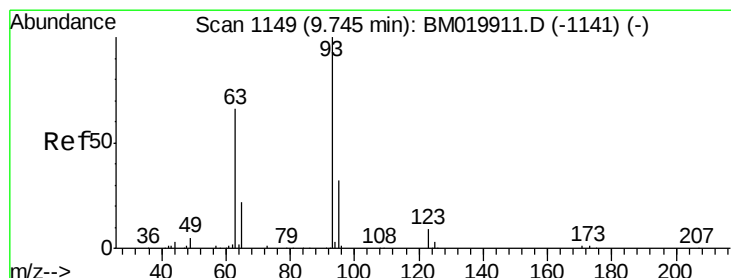
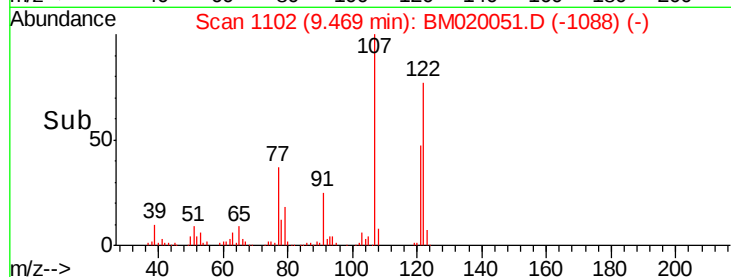
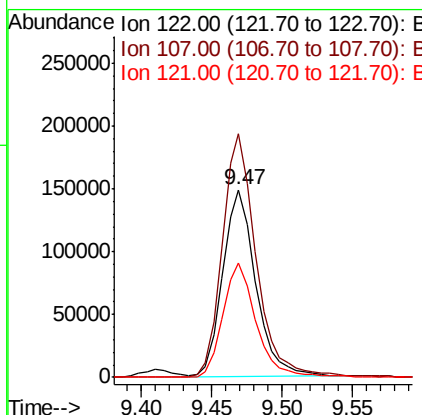
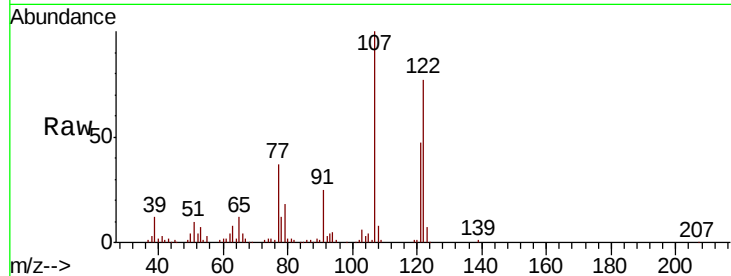
#27
2,4-Dimethylphenol
Concen: 43.677 ng
RT: 9.47 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampled :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.7	103.1	154.7
121	61.3	49.8	74.8

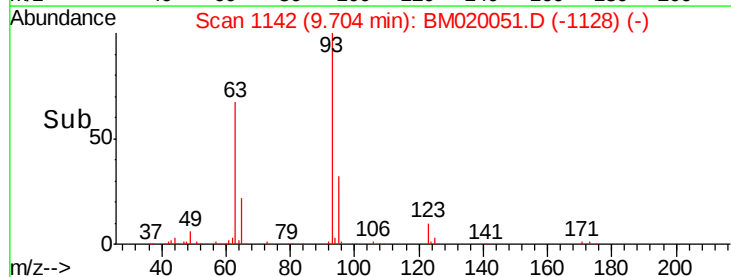
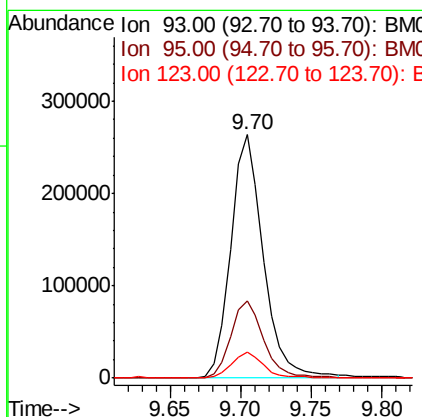
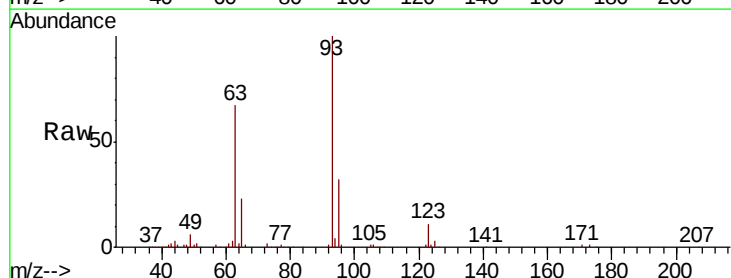
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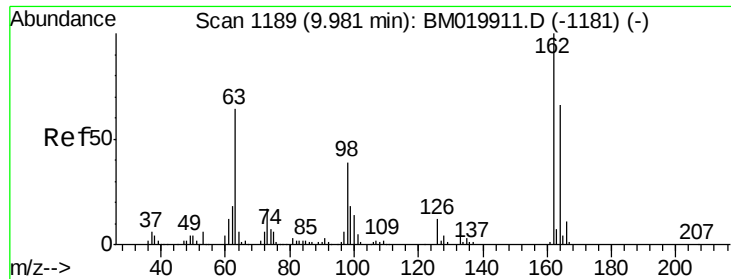
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#28
bis(2-Chloroethoxy)methane
Concen: 43.922 ng
RT: 9.70 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.8
123	10.6	8.2	12.2





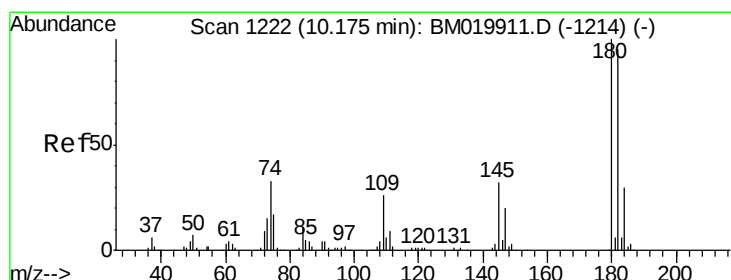
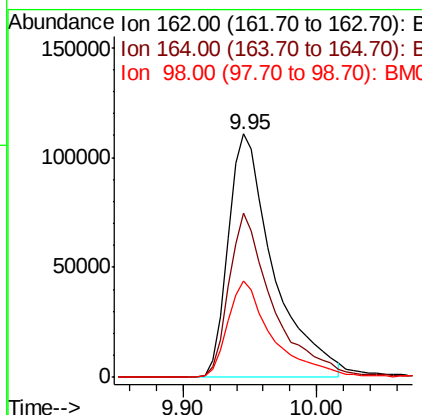
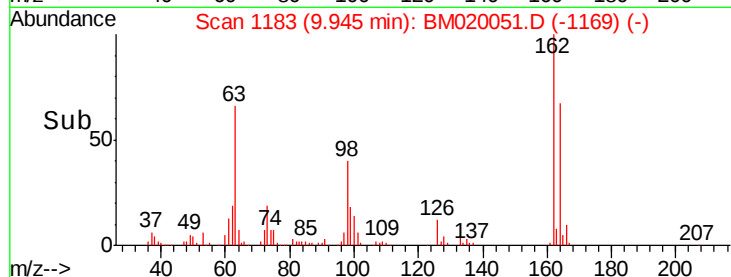
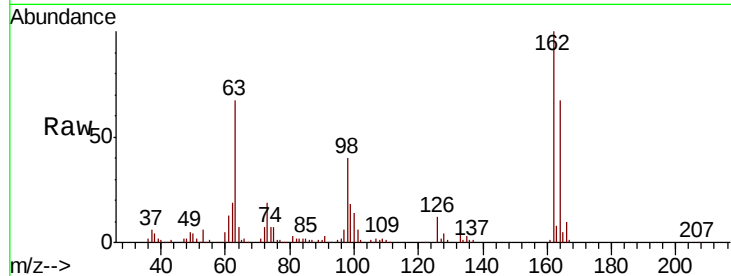
#29
2,4-Dichlorophenol
Concen: 41.679 ng
RT: 9.95 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampled :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	261731		
164	67.4	46.3	86.3	
98	39.8	19.2	59.2	

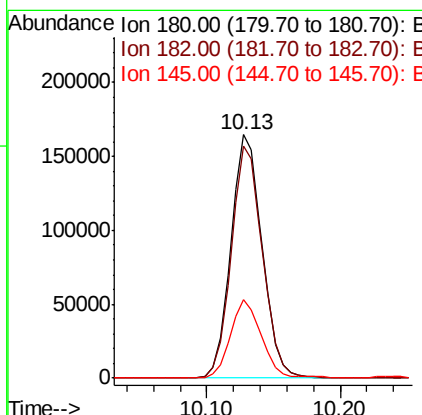
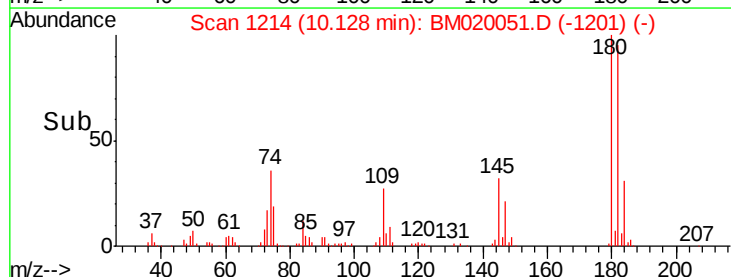
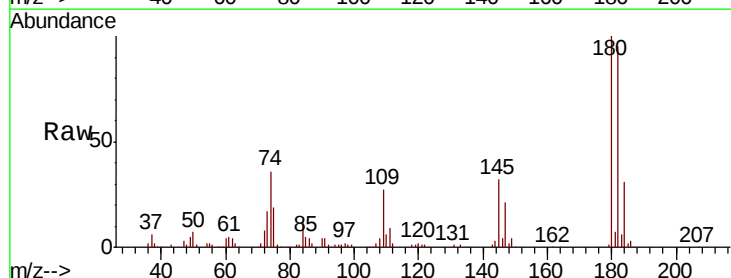
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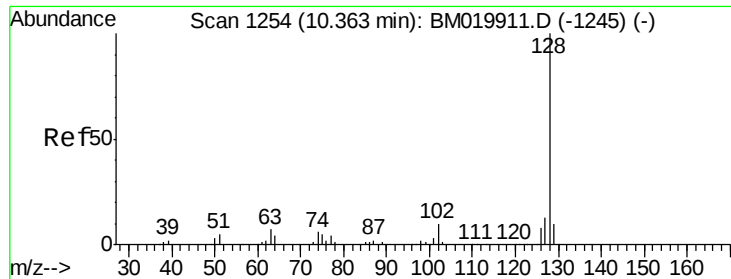
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#30
1,2,4-Trichlorobenzene
Concen: 39.568 ng
RT: 10.13 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267437		
182	95.1	76.3	114.5	
145	32.0	25.5	38.3	





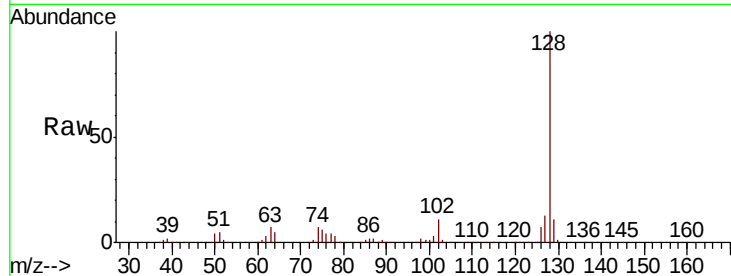
#31
Naphthalene
Concen: 42.578 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

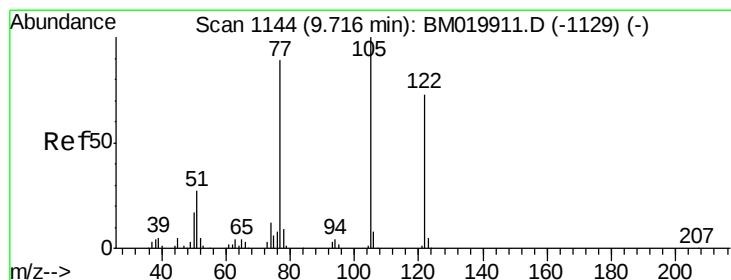
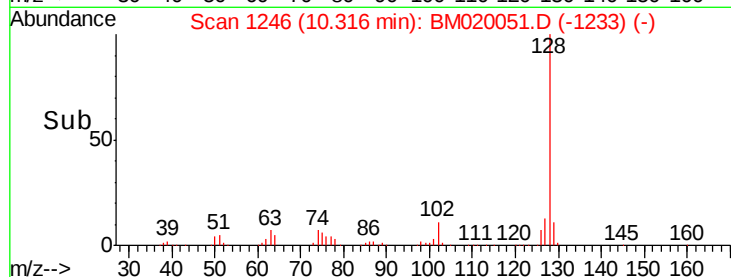
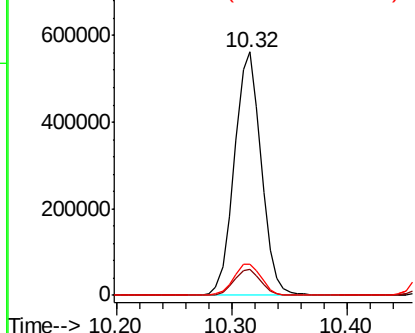
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.1	10.4	15.6

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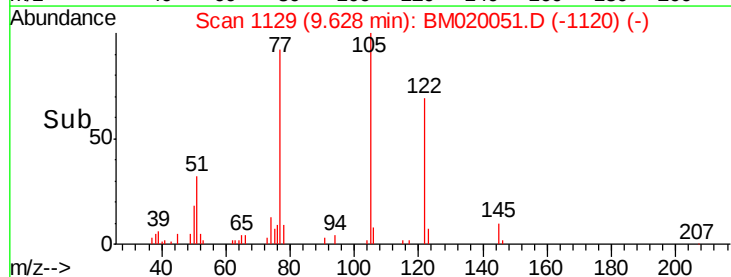
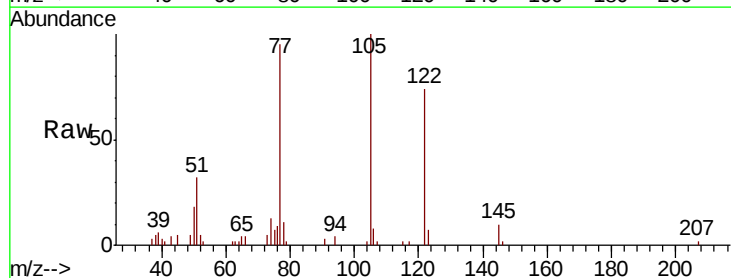
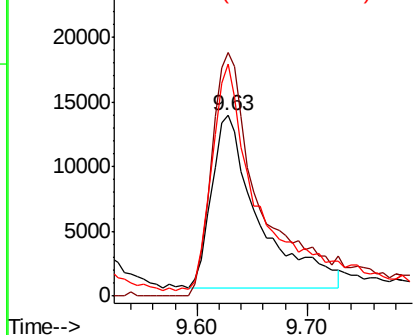
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

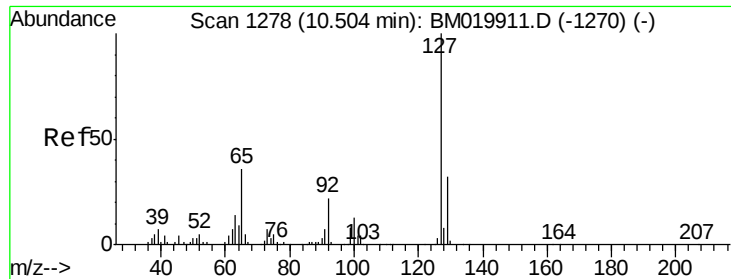


#32
Benzoic acid
Concen: 11.876 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.9	114.8	154.8
77	128.7	100.2	140.2

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0





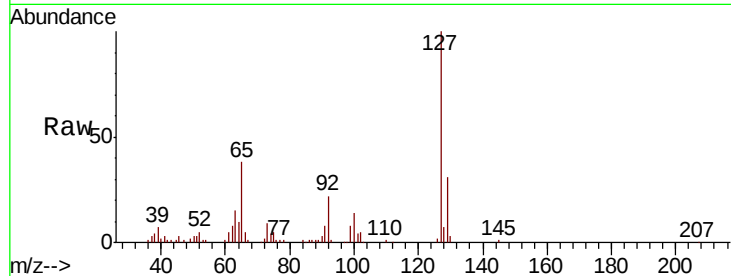
#33
4-Chloroaniline
Concen: 23.438 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	205164		
129	31.0	25.4	38.0	
65	38.0	29.2	43.8	
92	21.8	17.5	26.3	

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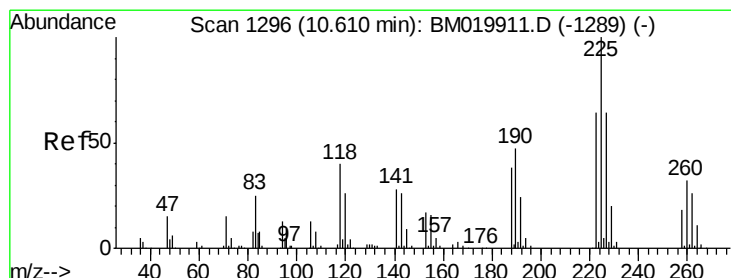
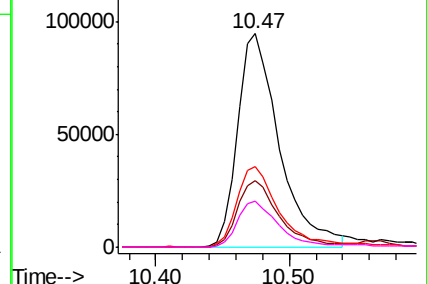
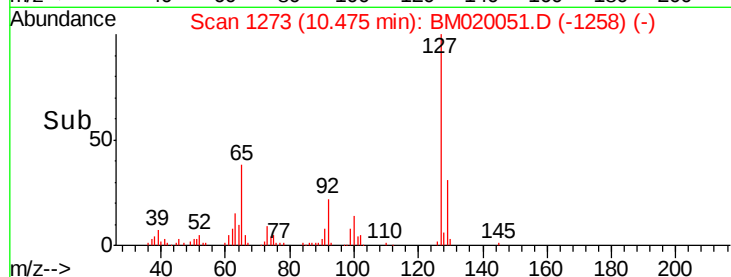
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

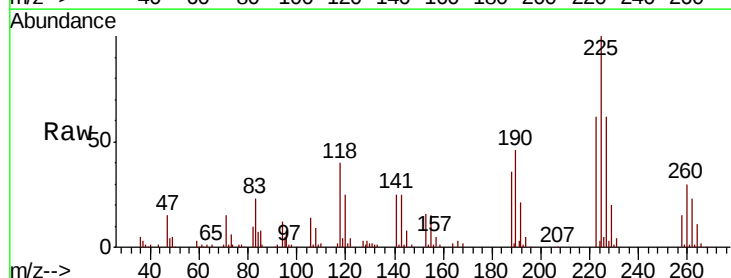
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 36.232 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144428		
223	62.5	51.4	77.2	
227	62.5	51.0	76.6	

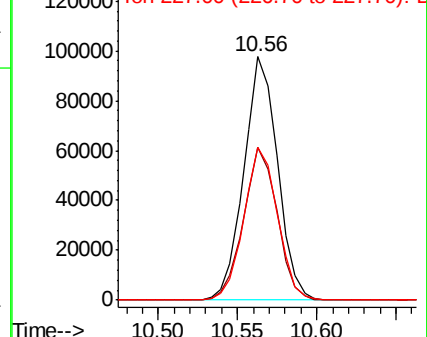
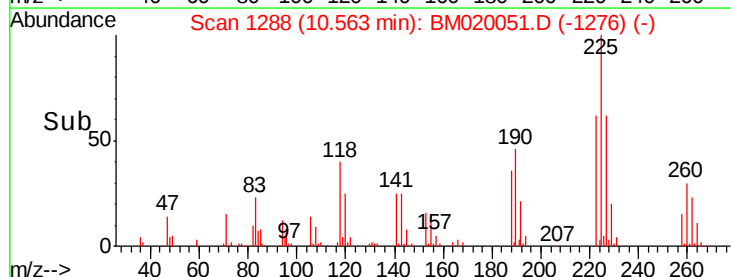


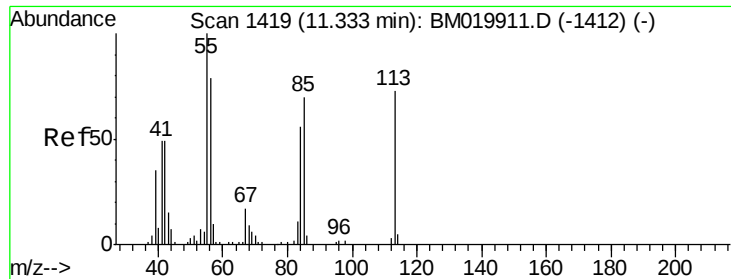
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.455 ng/mL

RT: 11.35 min Scan# 1421

Delta R.T. 0.04 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

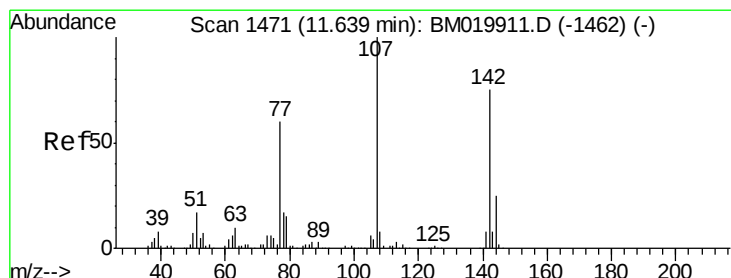
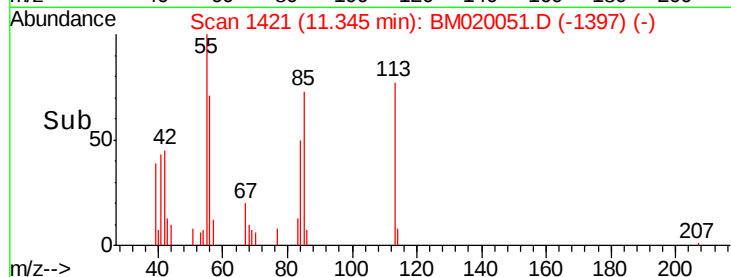
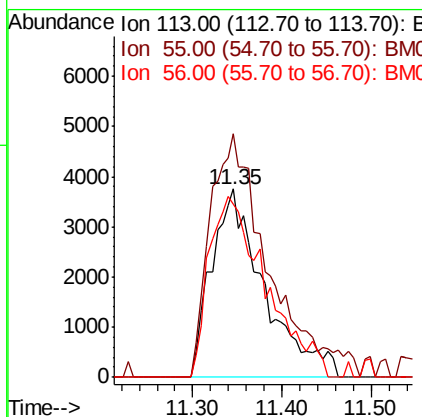
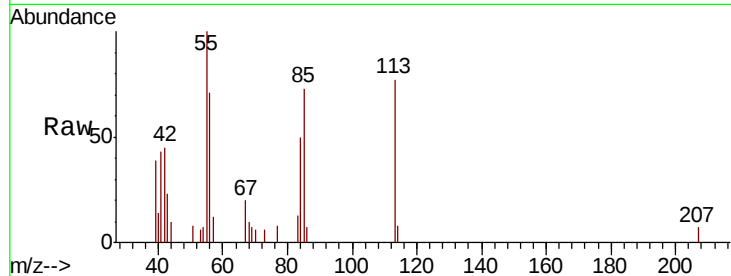
ClientSampleId :

GMW-7MSD

Tot Ion:	113	Resp:	15344
Ion	Ratio	Lower	Upper
113	100		
55	129.3	117.1	157.1
56	92.1	88.2	128.2

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#36

4-Chloro-3-methylphenol

Concen: 36.520 ng/mL

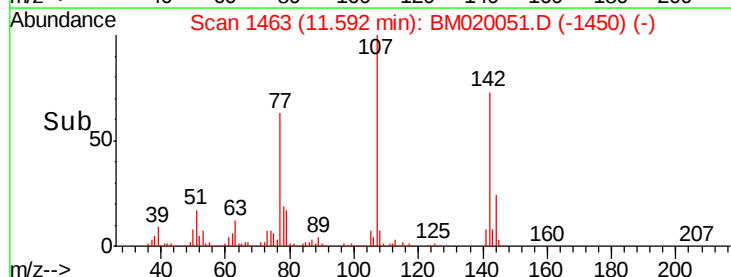
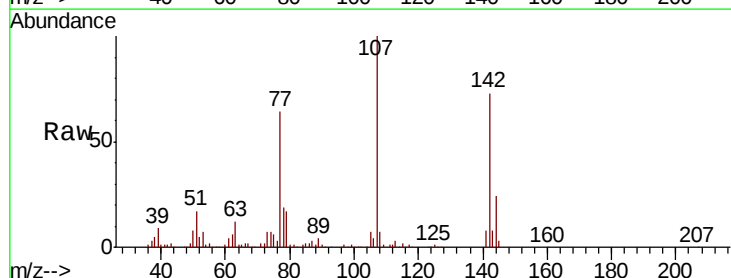
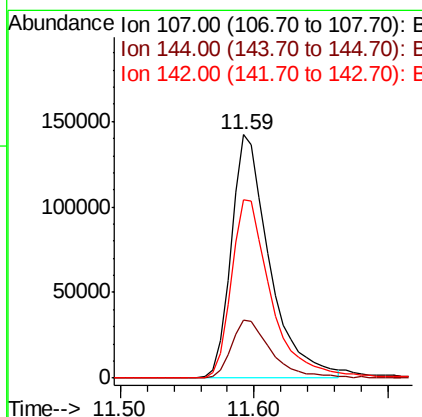
RT: 11.59 min Scan# 1463

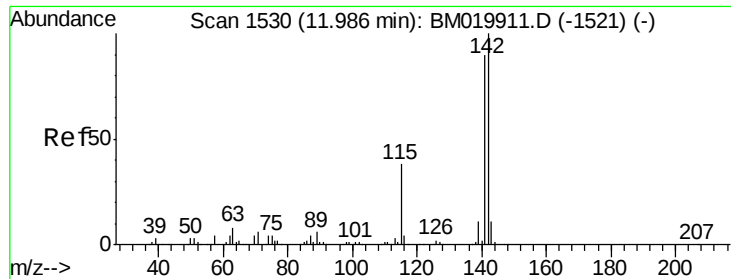
Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Tgt Ion:	107	Resp:	284962
Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.8	29.8
142	73.3	60.3	90.5





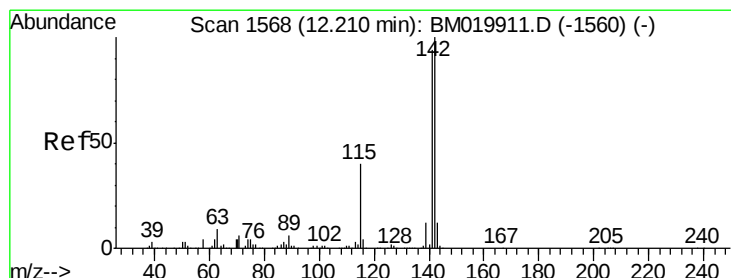
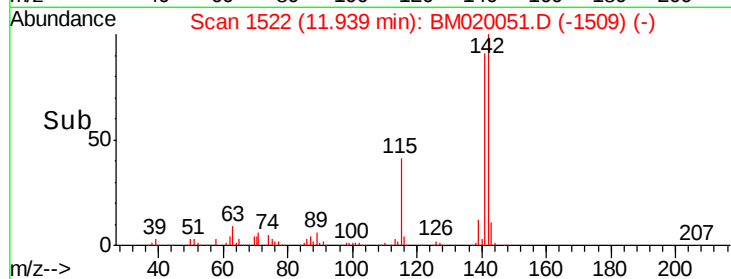
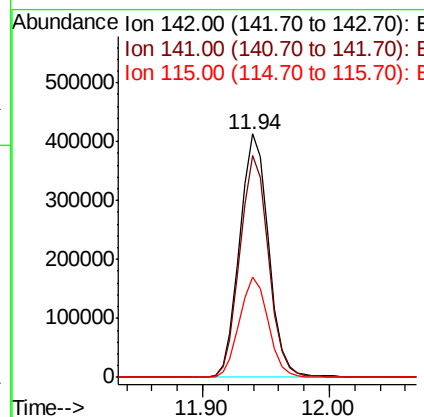
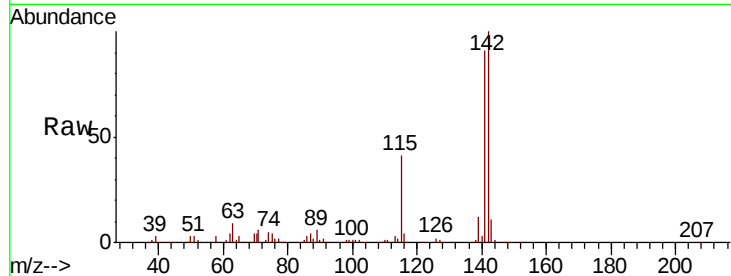
#37
2-Methylnaphthalene
Concen: 42.111 ng
RT: 11.94 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampled :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.3	108.5
115	41.4	30.5	45.7

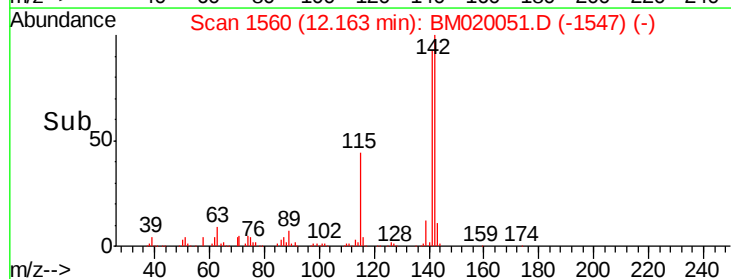
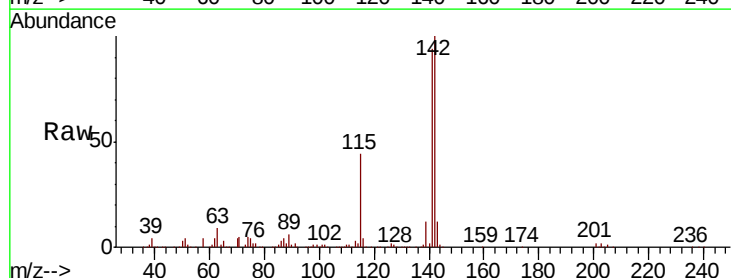
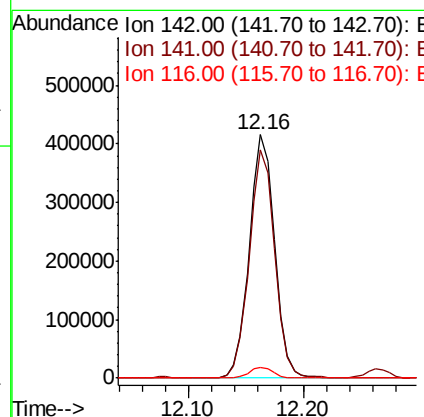
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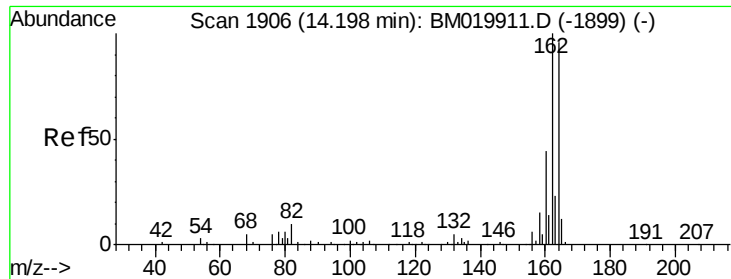
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#38
1-Methylnaphthalene
Concen: 41.406 ng
RT: 12.16 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.7	113.5
116	4.4	3.4	5.2





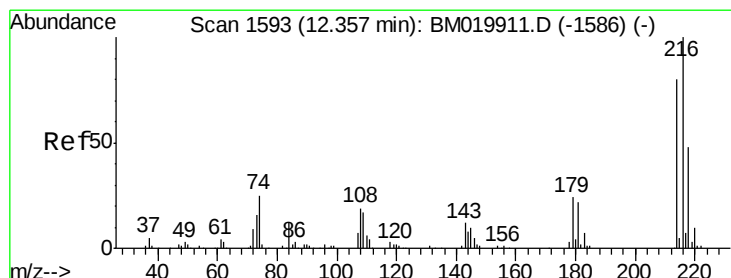
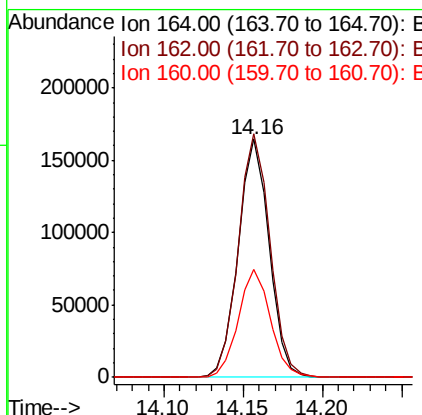
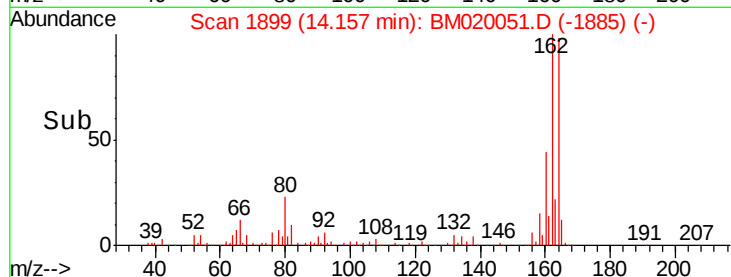
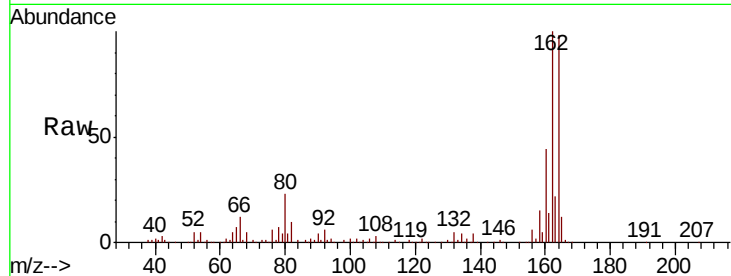
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.4
160	45.2	36.6	55.0

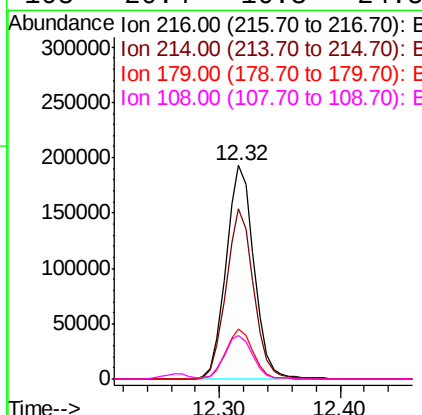
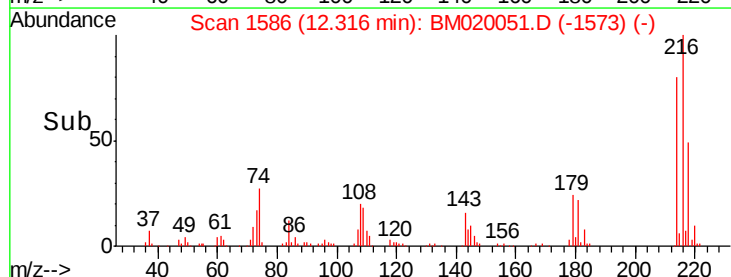
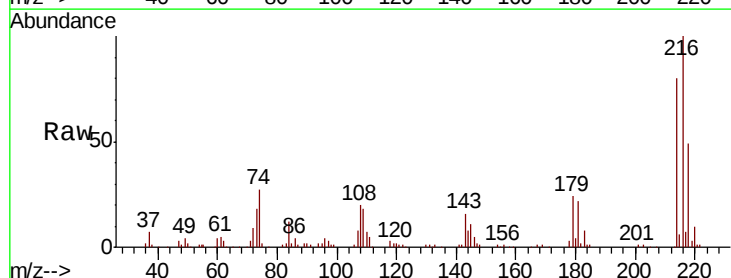
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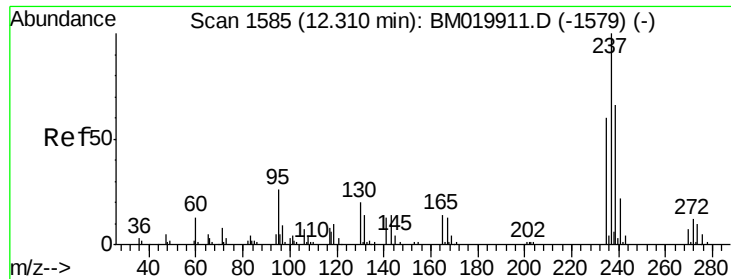
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.312 ng
RT: 12.32 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.1	94.7
179	22.9	19.0	28.6
108	20.4	16.3	24.5





#41

Hexachlorocyclopentadiene

Concen: 65.989 ng

RT: 12.27 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

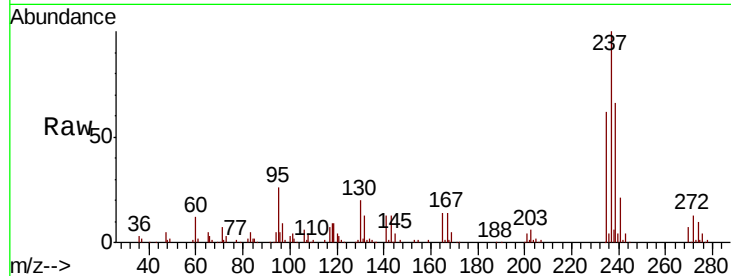
ClientSampled :

GMW-7MSD

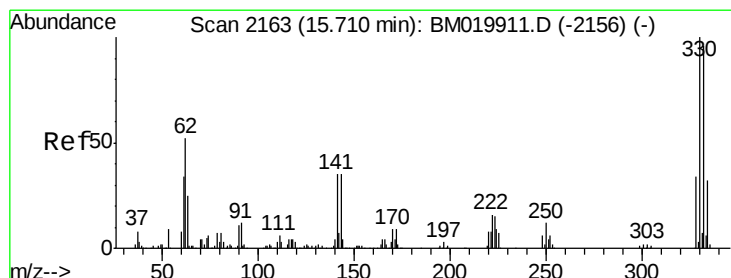
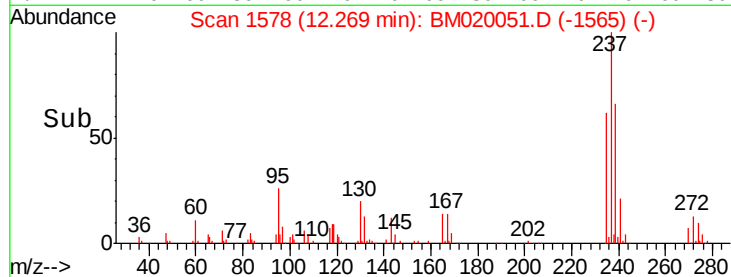
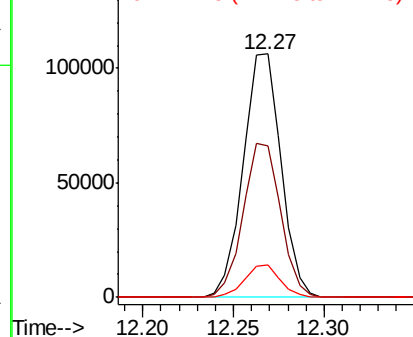
Tot Ion:	237	Resp:	154353
Ion Ratio	Lower	Upper	
237	100		
235	62.4	40.4	80.4
272	13.5	0.0	32.3

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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: 135.577 ng

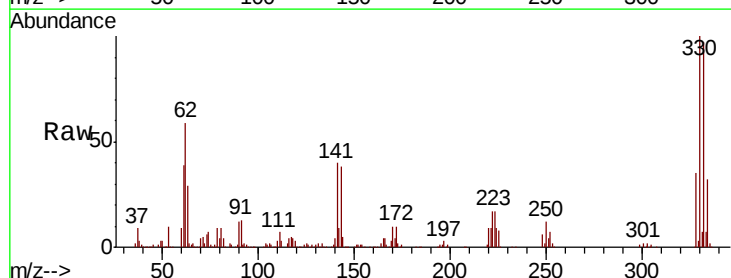
RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

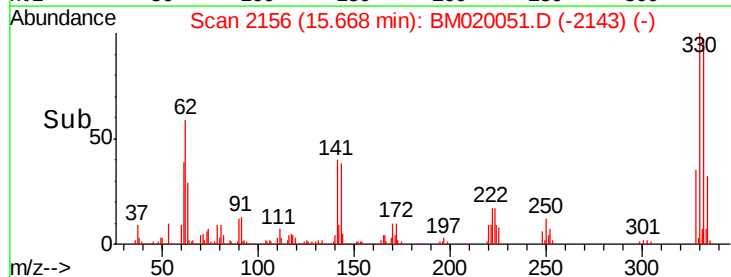
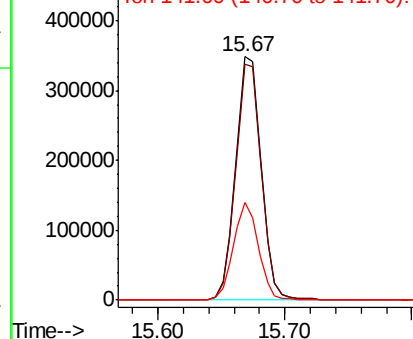
Lab File: BM020051.D

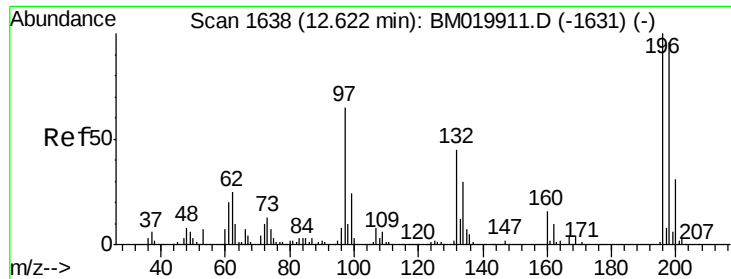
Acq: 23 Apr 2019 23:58

Tgt Ion:	330	Resp:	484968
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.4	116.2
141	39.3	29.0	43.4



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





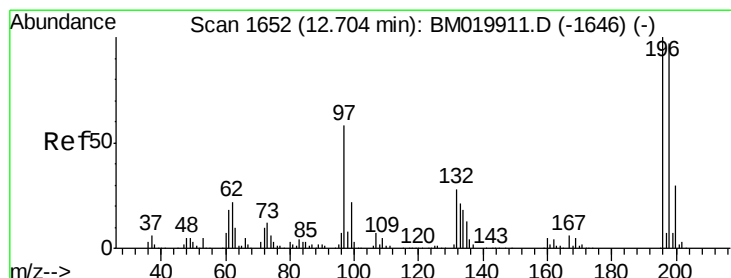
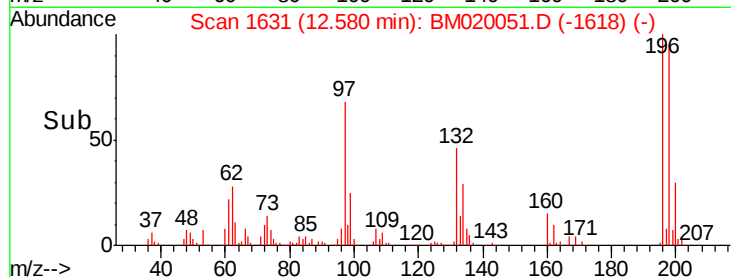
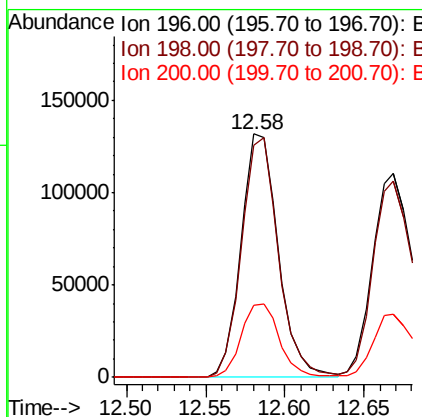
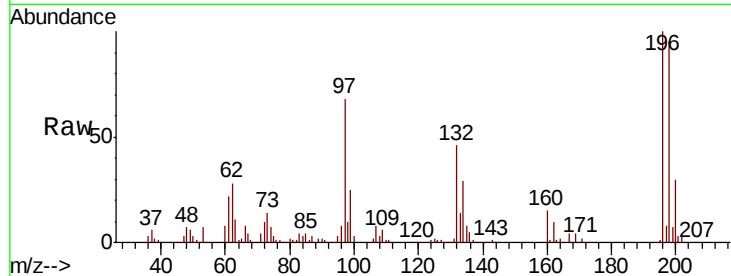
#43
 2,4,6-Trichlorophenol
 Concen: 46.401 ng
 RT: 12.58 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215656		
198	95.1	76.8	115.2	
200	29.6	24.6	37.0	

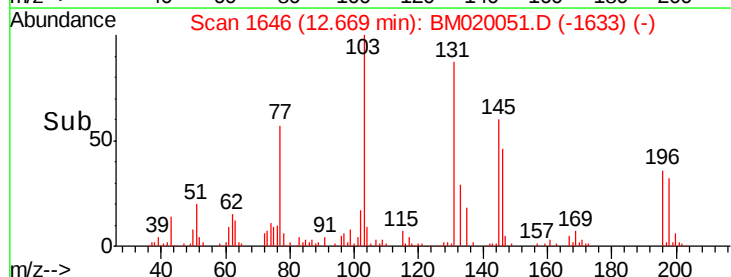
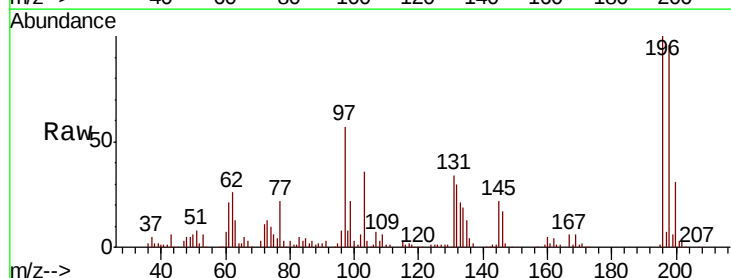
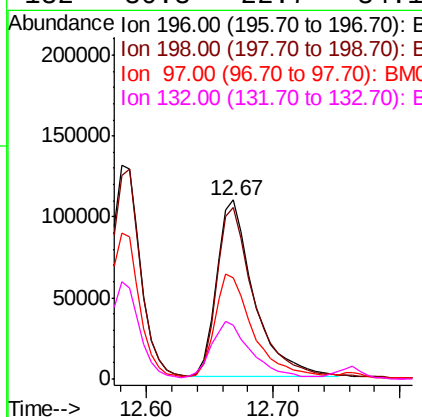
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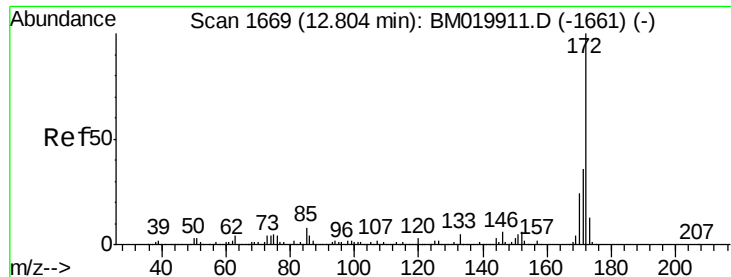
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#44
 2,4,5-Trichlorophenol
 Concen: 45.356 ng
 RT: 12.67 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219400		
198	96.3	77.8	116.8	
97	56.7	46.2	69.2	
132	30.3	22.7	34.1	





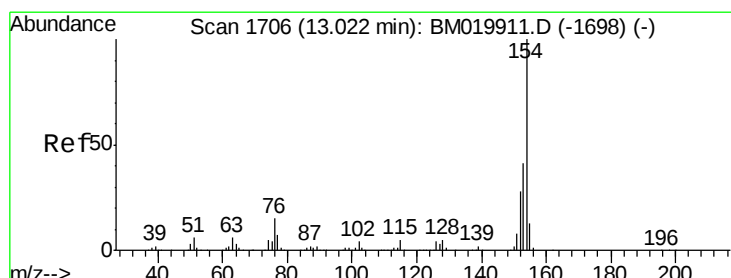
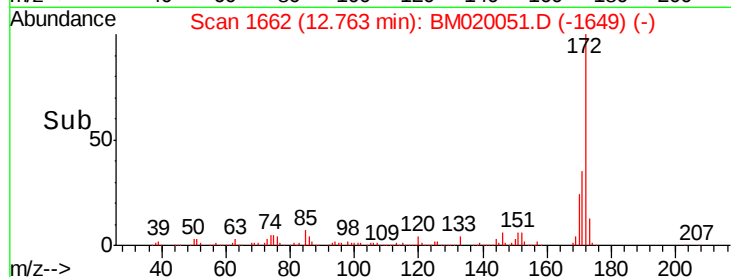
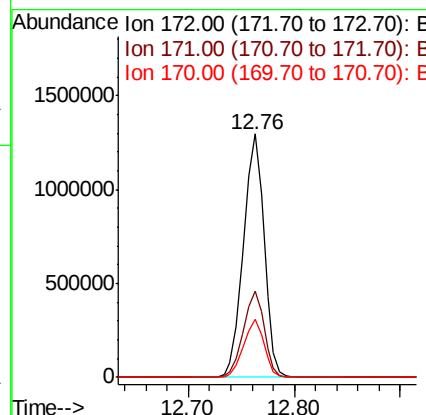
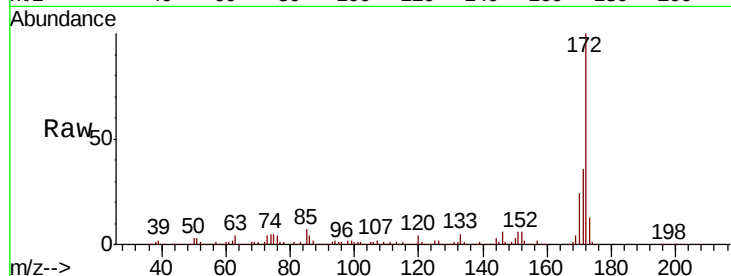
#45
2-Fluorobiphenyl
Concen: 98.245 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.8	19.0	28.4

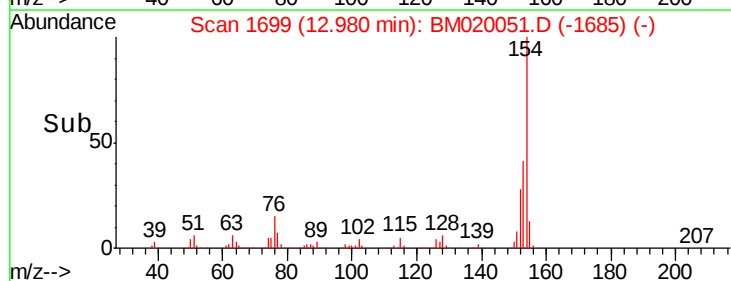
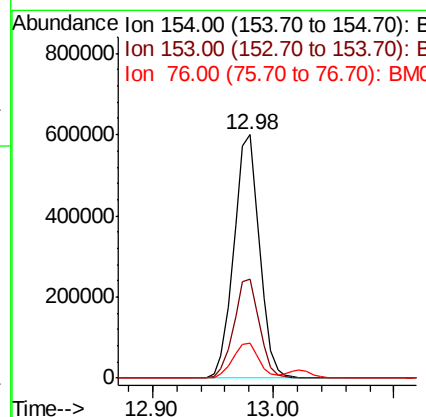
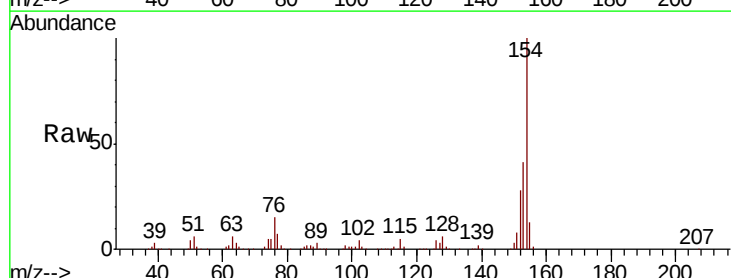
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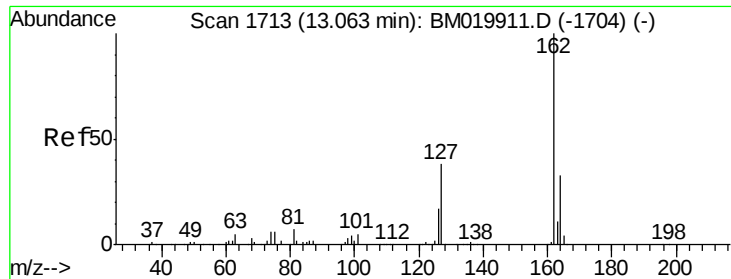
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#46
1,1'-Biphenyl
Concen: 46.131 ng
RT: 12.98 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.0	61.0
76	14.6	0.0	34.8





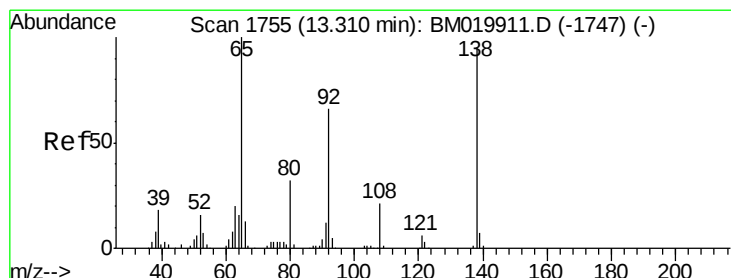
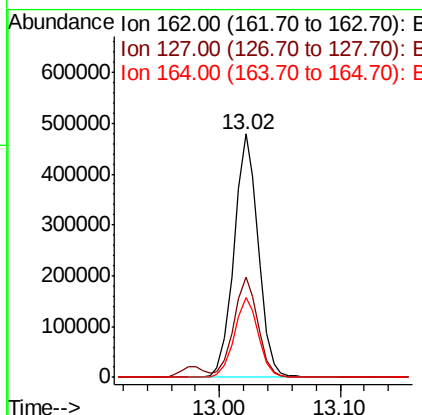
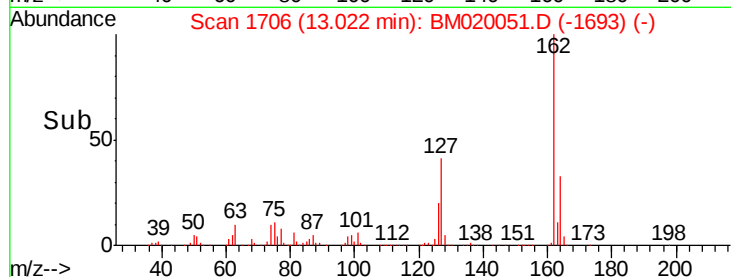
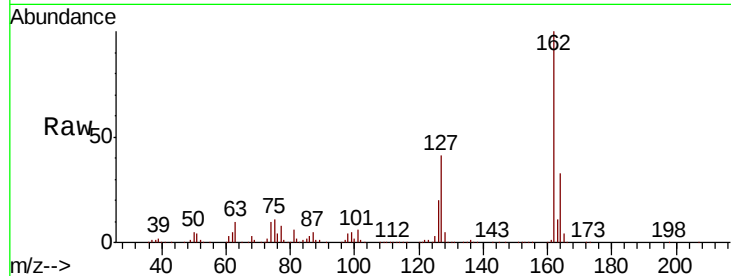
#47
 2-Chloronaphthalene
 Concen: 45.646 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion:	162	Resp:	670123
Ion Ratio		Lower	Upper
162	100		
127	41.2	32.3	48.5
164	32.6	26.3	39.5

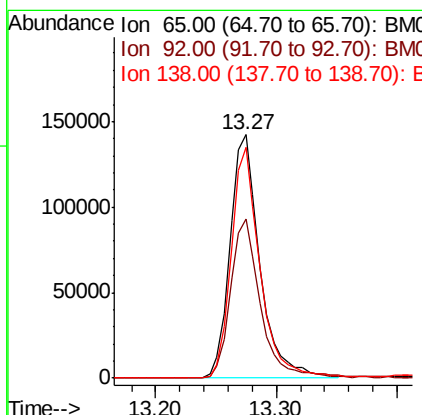
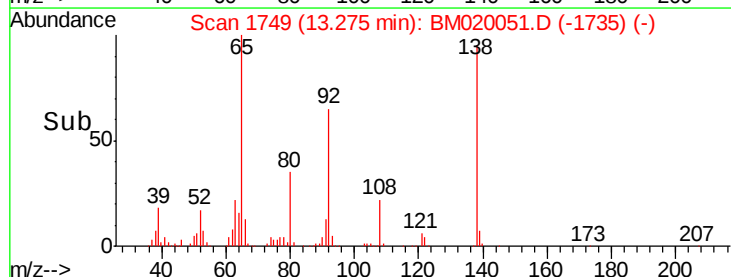
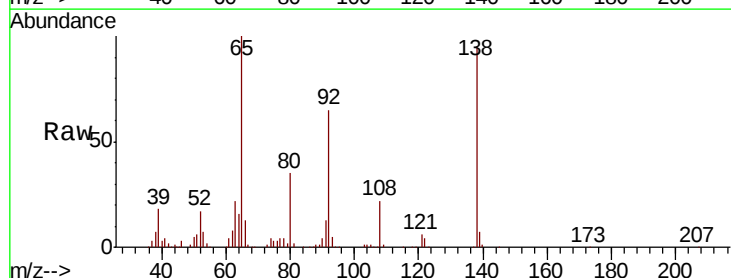
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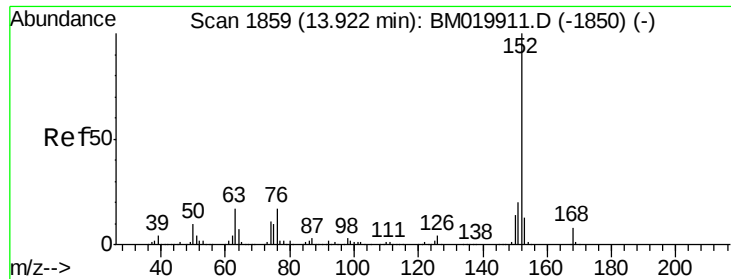
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#48
 2-Nitroaniline
 Concen: 46.429 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion:	65	Resp:	245693
Ion Ratio		Lower	Upper
65	100		
92	65.1	52.9	79.3
138	94.6	75.8	113.6





#49

Acenaphthylene

Concen: 43.263 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

ClientSampled :

GMW-7MSD

Tot Ion:152 Resp: 1105088

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

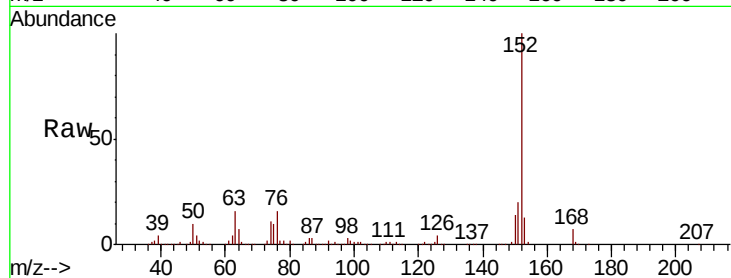
153 12.7 10.6 16.0

Manual Integrations

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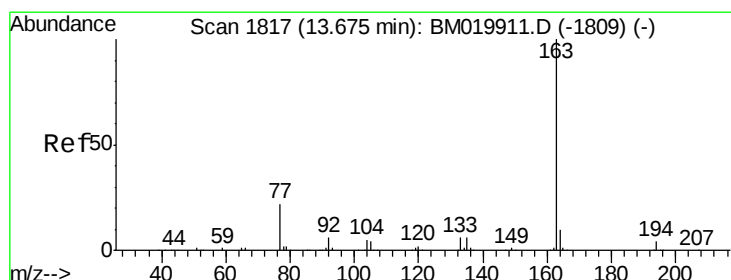
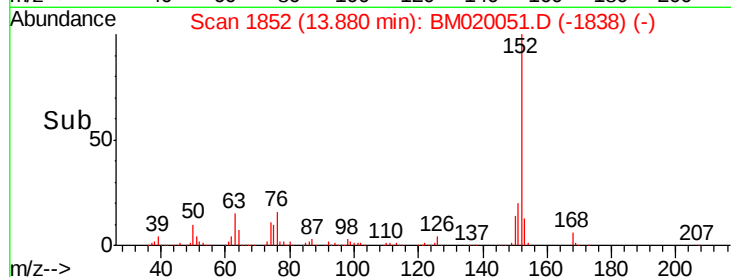
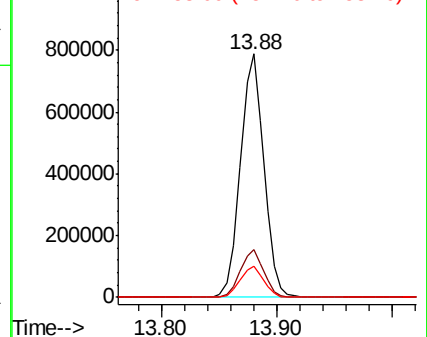


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.129 ng

RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

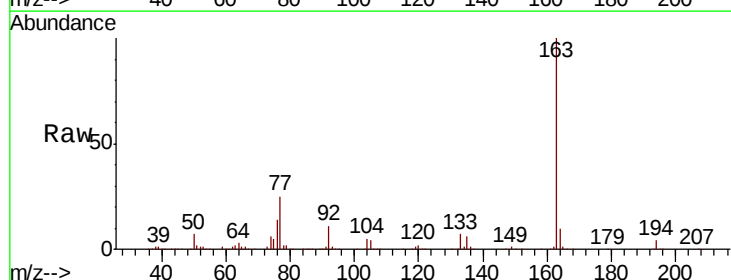
Tgt Ion:163 Resp: 982567

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 7.9 11.9

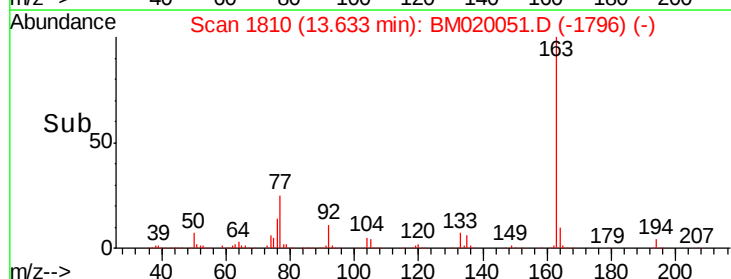
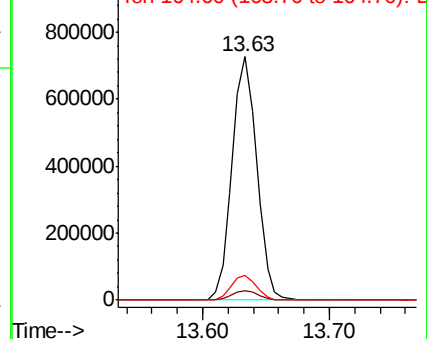


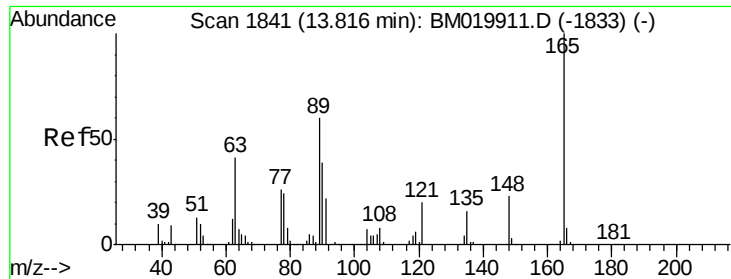
Abundance

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





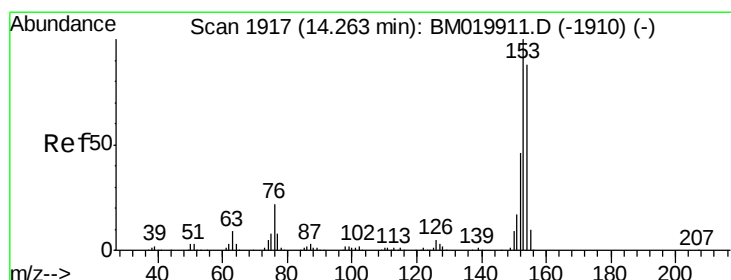
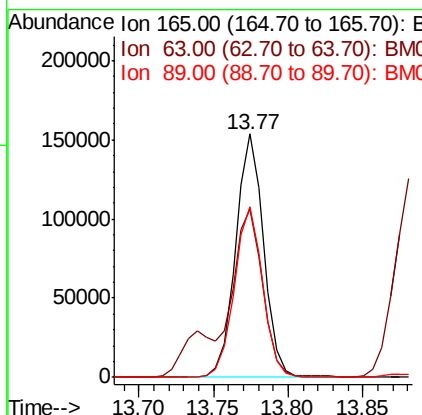
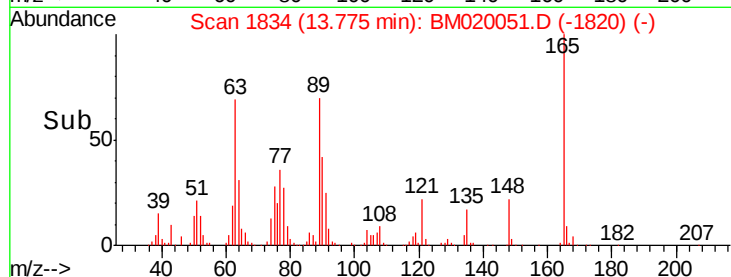
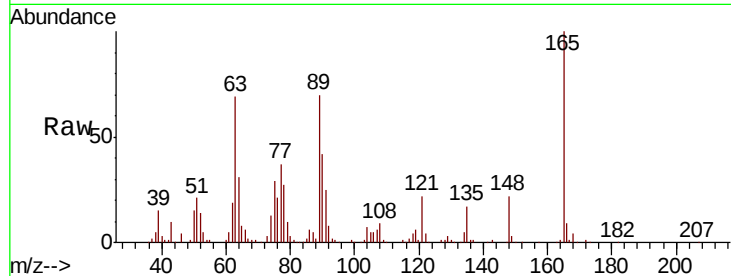
#51
 2,6-Dinitrotoluene
 Concen: 46.056 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199622		
63	68.9	48.5	72.7	
89	70.0	48.2	72.4	

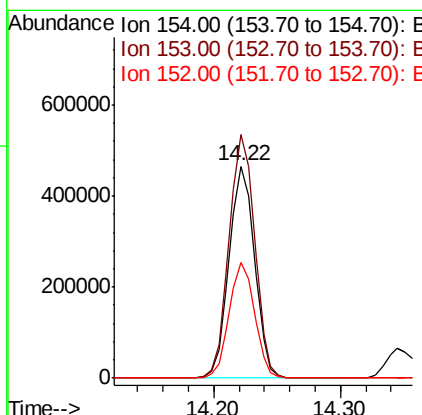
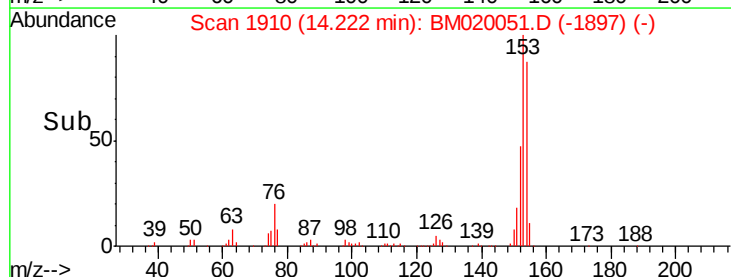
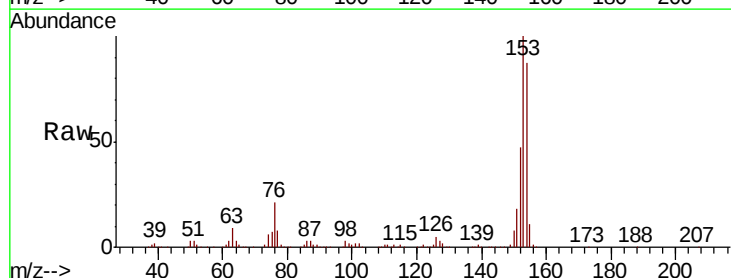
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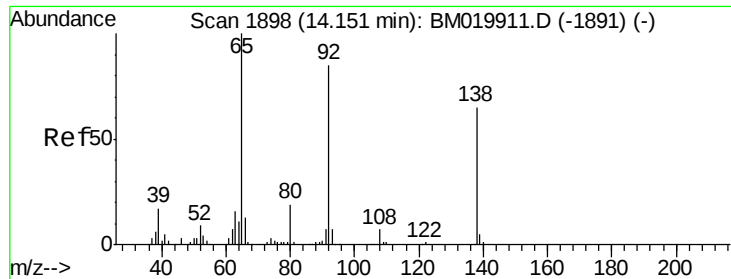
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#52
 Acenaphthene
 Concen: 45.677 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	646925		
153	114.8	91.0	136.4	
152	54.3	42.2	63.2	





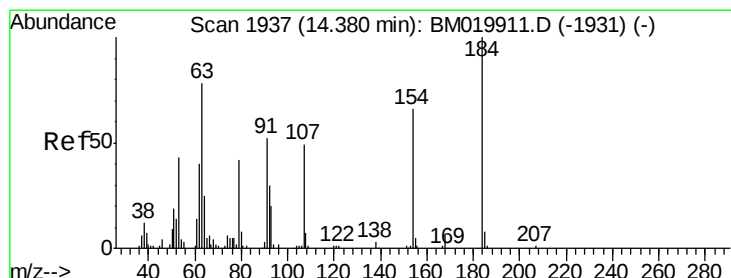
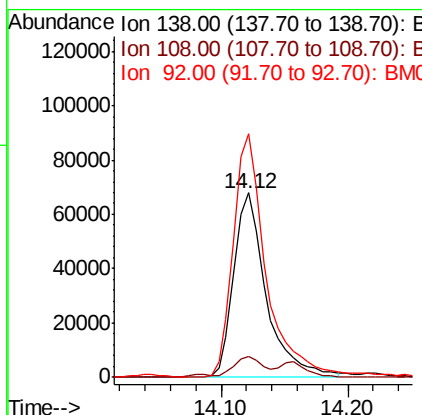
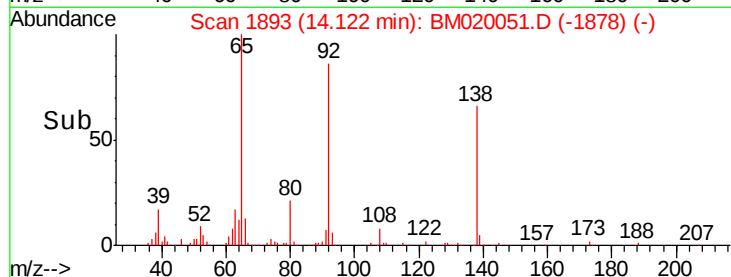
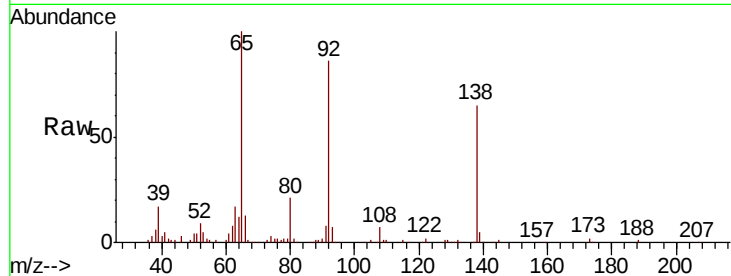
#53
3-Nitroaniline
Concen: 27.903 ng
RT: 14.12 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.9	13.3
92	132.0	103.8	155.8

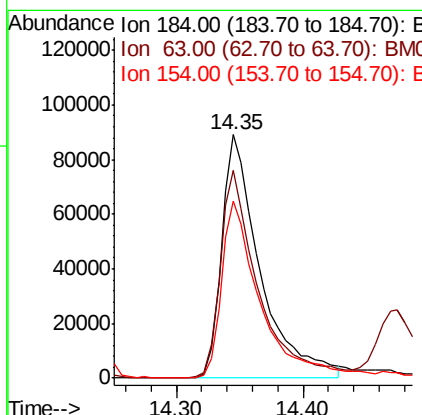
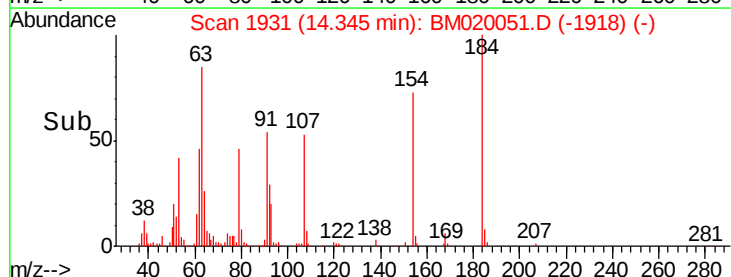
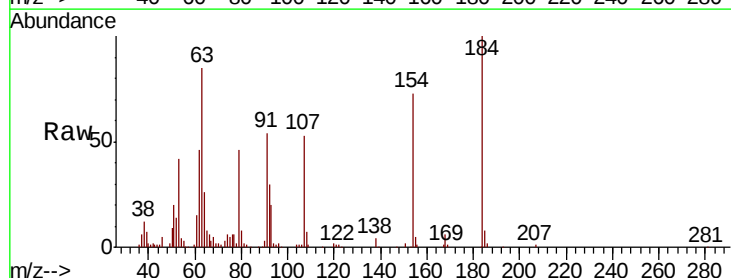
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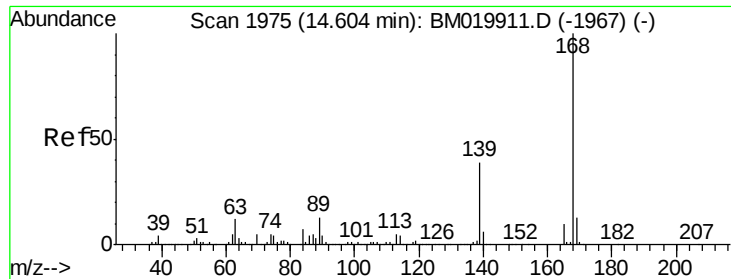
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#54
2,4-Dinitrophenol
Concen: 72.792 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.1	62.3	93.5
154	73.0	53.0	79.6





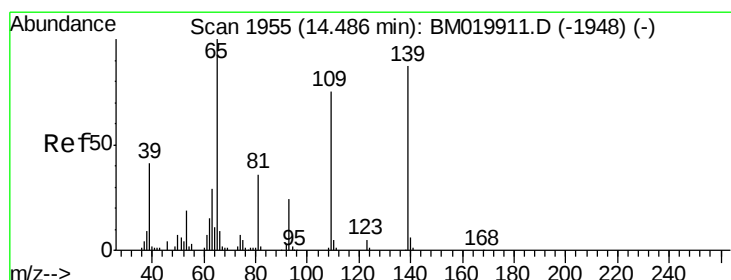
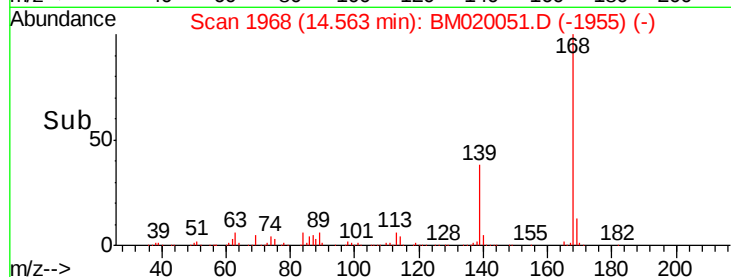
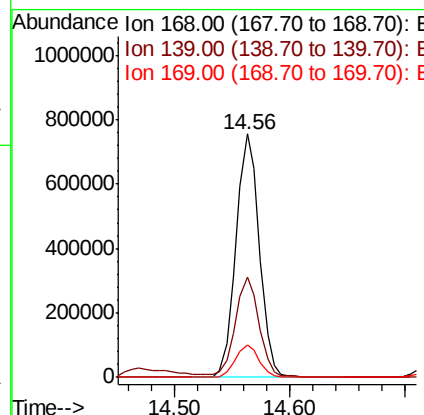
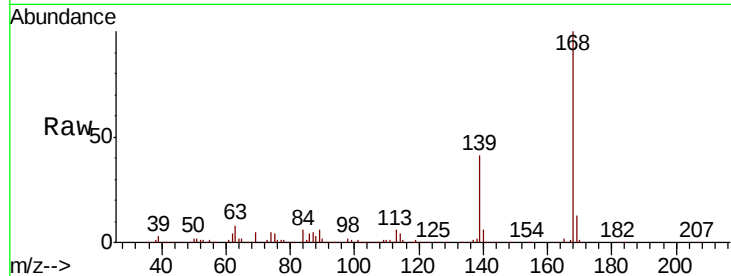
#55
Dibenzenofuran
Concen: 45.614 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.5	47.3
169	13.5	10.6	16.0

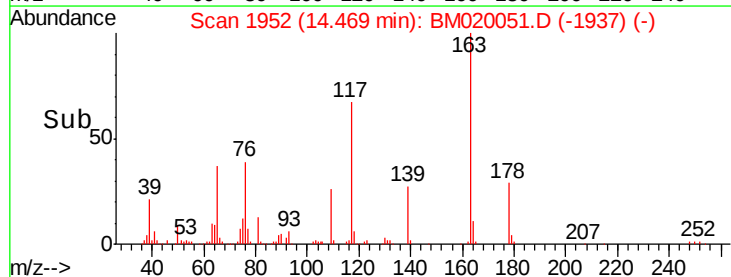
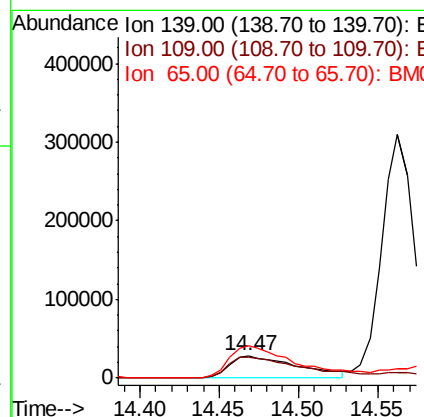
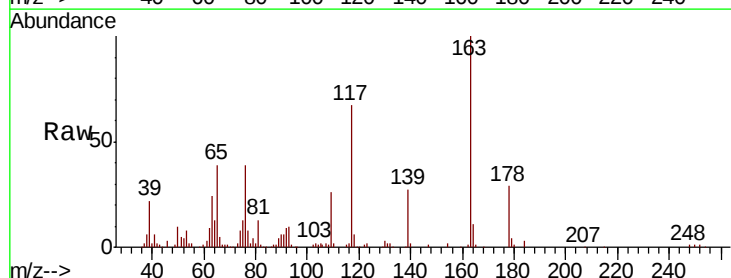
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#56
4-Nitrophenol
Concen: 28.920 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.3	65.3	105.3
65	142.9	94.9	134.9#





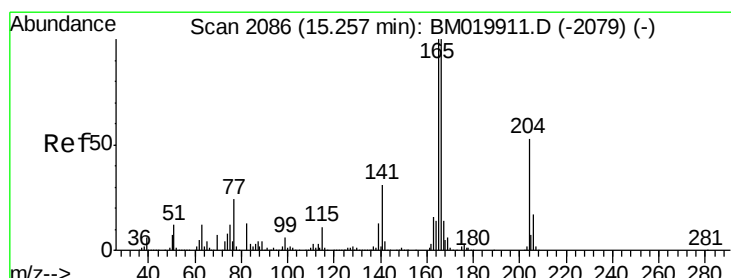
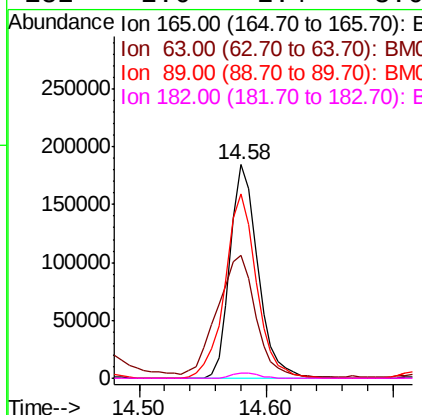
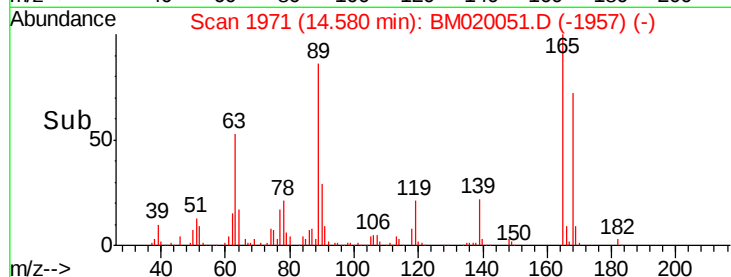
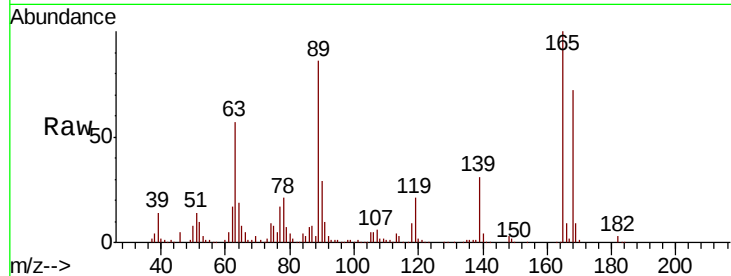
#57
 2,4-Dinitrotoluene
 Concen: 45.073 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion:	165	Resp:	280819
Ion Ratio	Lower	Upper	
165	100		
63	57.3	46.0	69.0
89	86.4	67.5	101.3
182	2.6	2.4	3.6

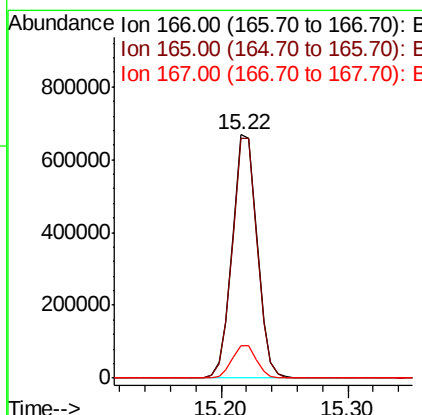
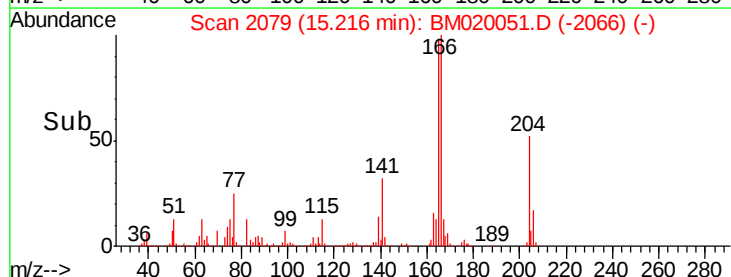
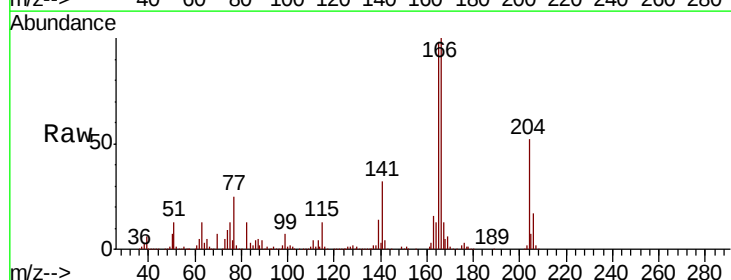
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#58
 Fluorene
 Concen: 45.967 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion:	166	Resp:	902096
Ion Ratio	Lower	Upper	
166	100		
165	98.4	80.1	120.1
167	13.5	11.0	16.4





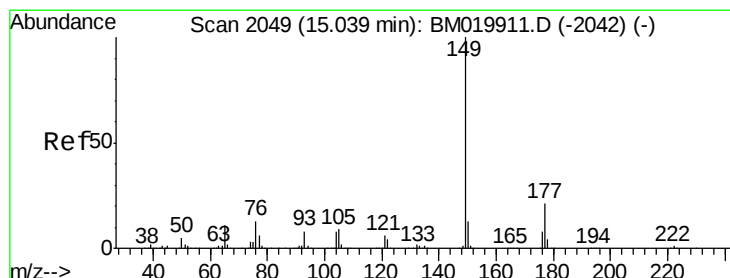
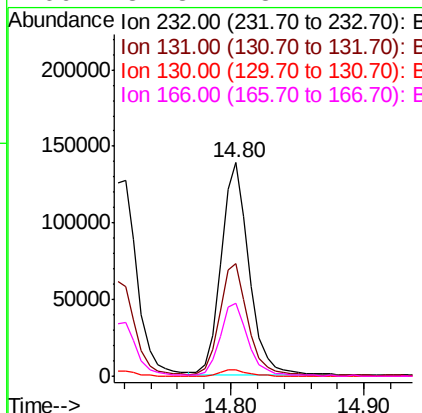
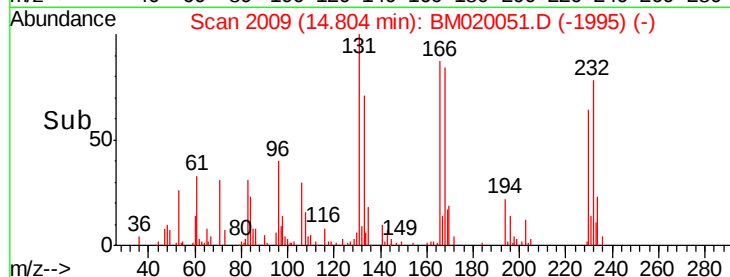
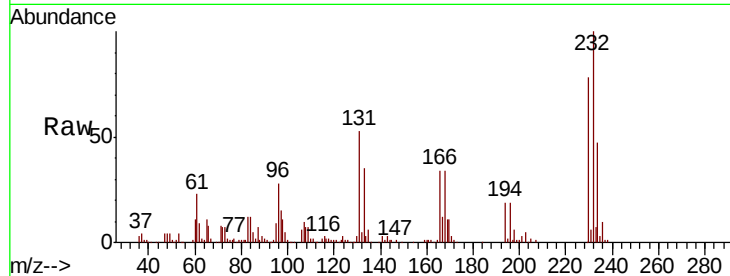
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.820 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.1	42.1	63.1
130	3.3	2.2	3.4
166	34.3	28.1	42.1

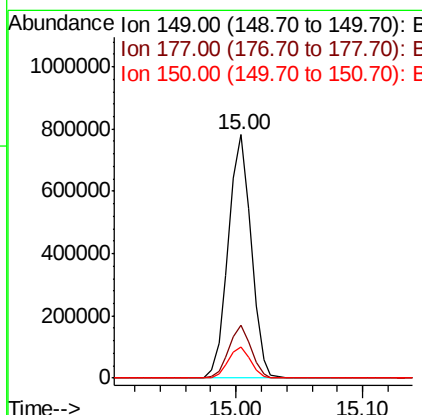
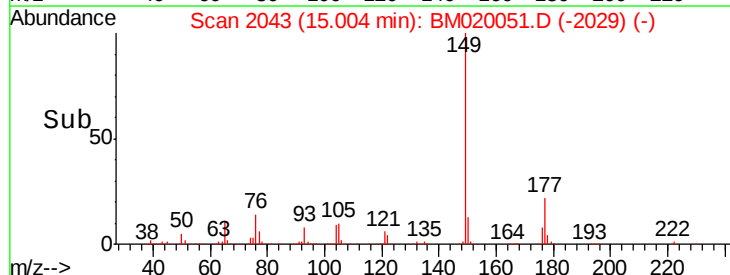
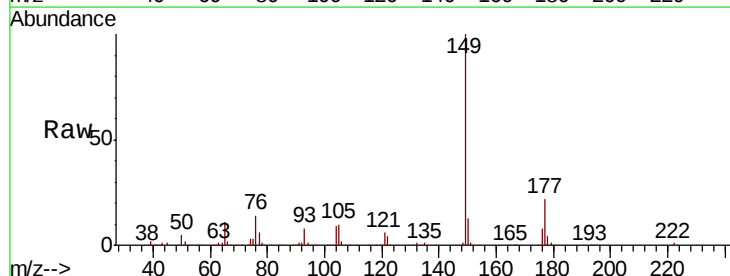
Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:46 AM



#60
Diethylphthalate
Concen: 47.673 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.6	25.0
150	12.8	10.0	15.0





#61

4-Chlorophenyl-phenylether

Concen: 47.156 ng

RT: 15.22 min Scan# 2079

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

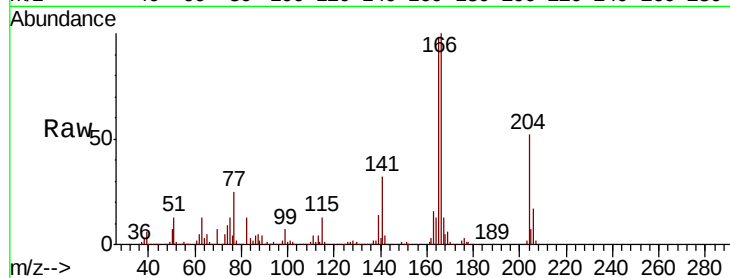
ClientSampleId :

GMW-7MSD

Tot Ion:	204	Resp:	445560
Ion Ratio	Lower	Upper	
204	100		
206	31.9	25.8	38.8
141	61.8	47.0	70.4

Manual Integrations
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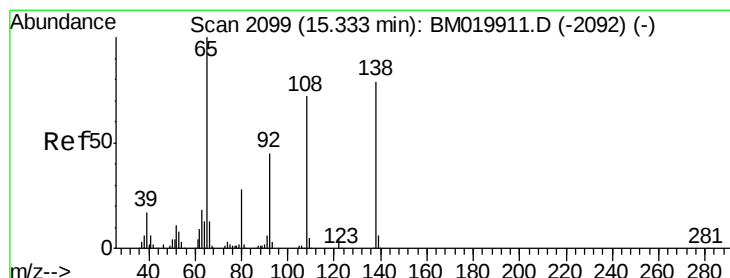
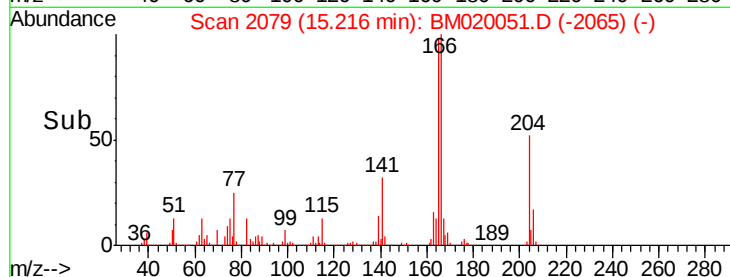
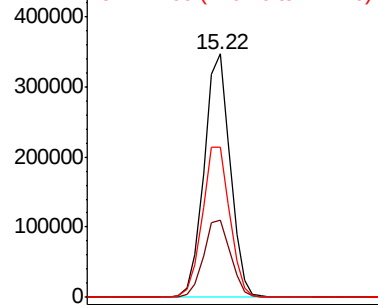


Abundance

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: 39.391 ng

RT: 15.30 min Scan# 2093

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

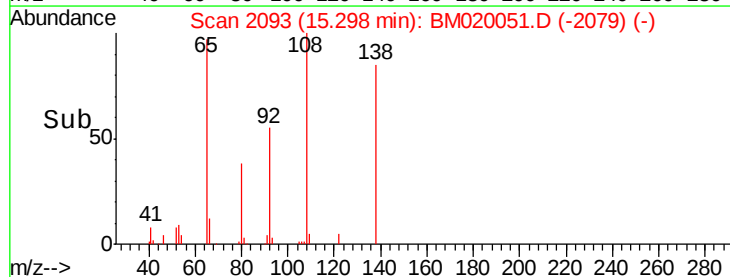
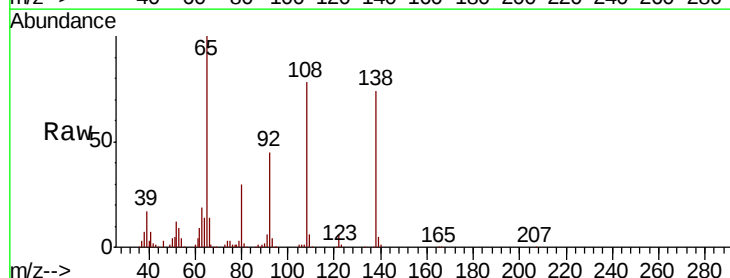
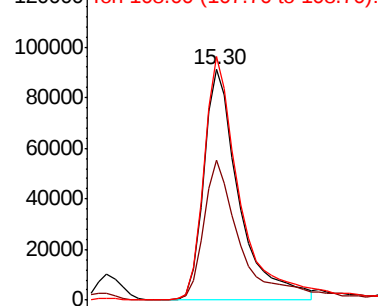
Tgt Ion:	138	Resp:	167967
Ion Ratio	Lower	Upper	
138	100		
92	60.5	36.8	76.8
108	105.5	71.5	111.5

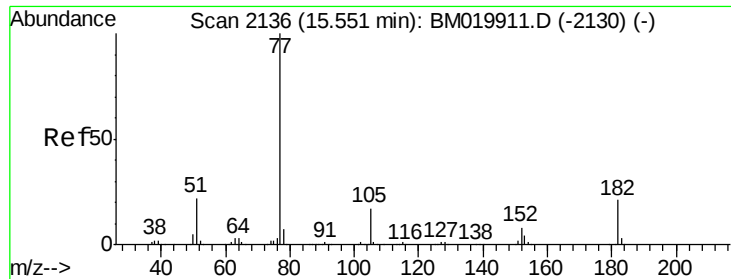
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





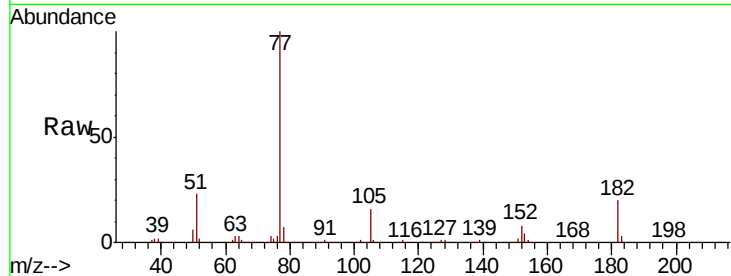
#63
Azobenzene
Concen: 48.328 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.4	1.0	41.0	
105	16.4	0.0	37.1	
51	23.1	2.1	42.1	

Manual Integrations
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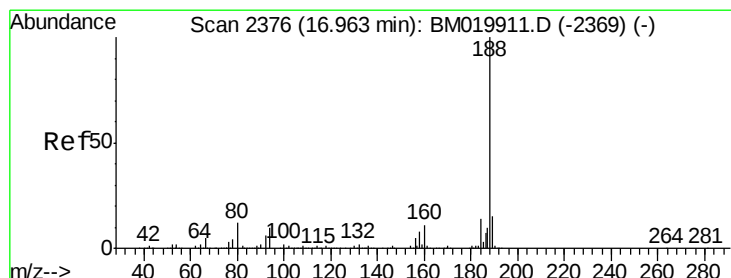
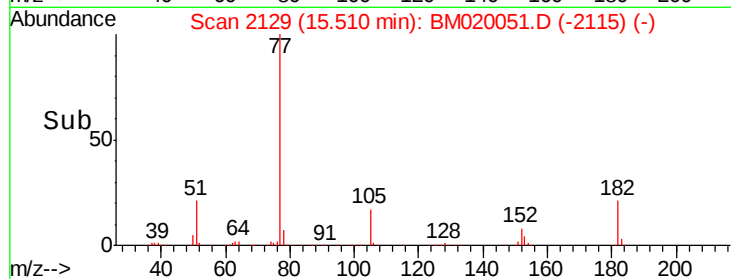
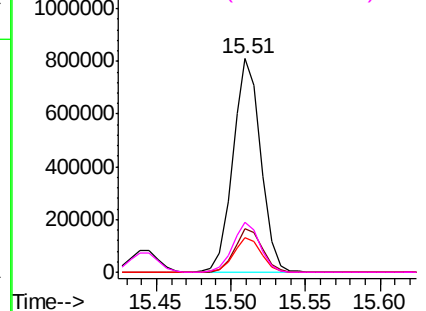
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

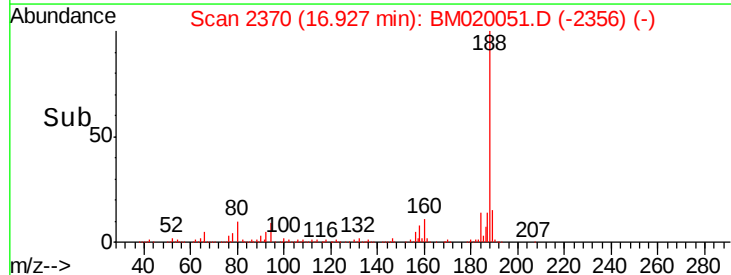
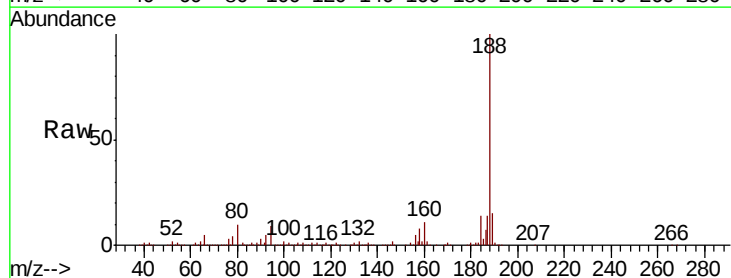
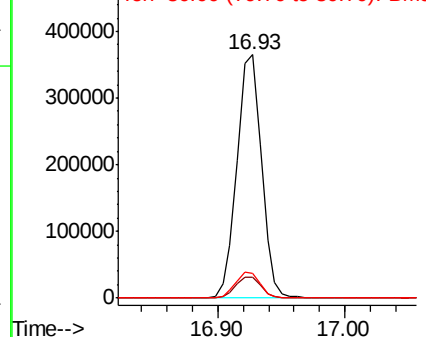
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.6	11.4	
80	10.4	9.4	14.0	

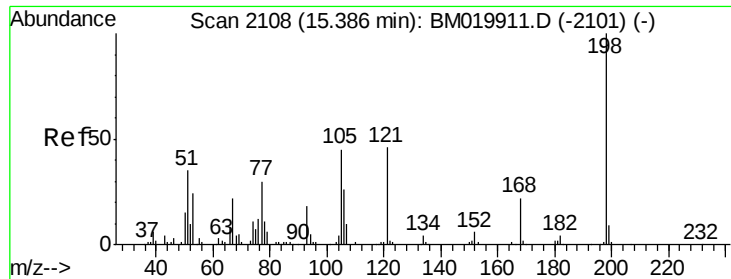
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





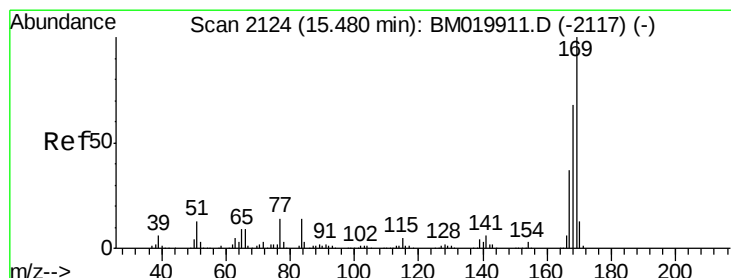
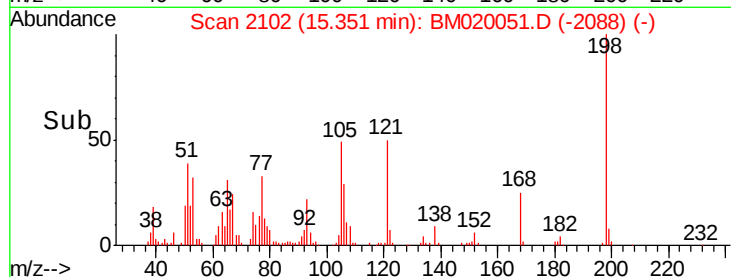
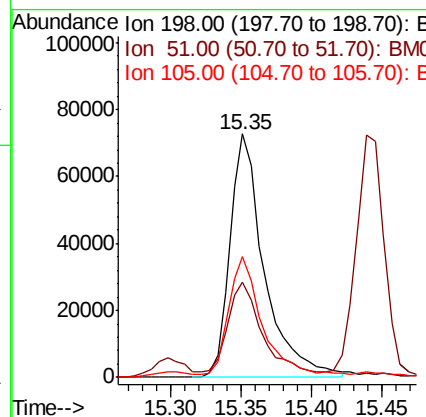
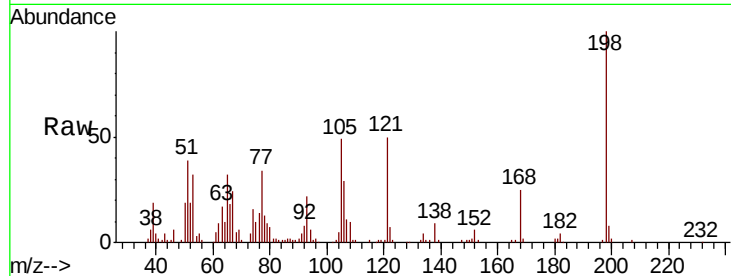
#65
4,6-Dinitro-2-methylphenol
Concen: 39.361 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampled :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122962		
51	39.3	17.9	57.9	
105	49.4	26.1	66.1	

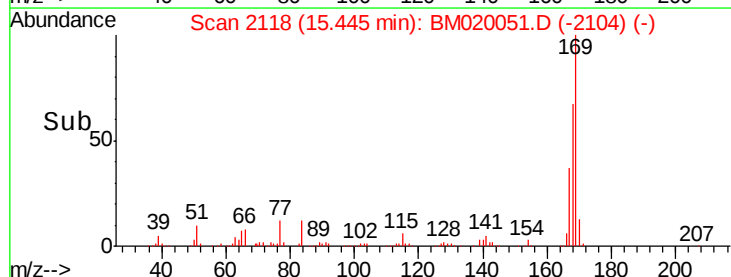
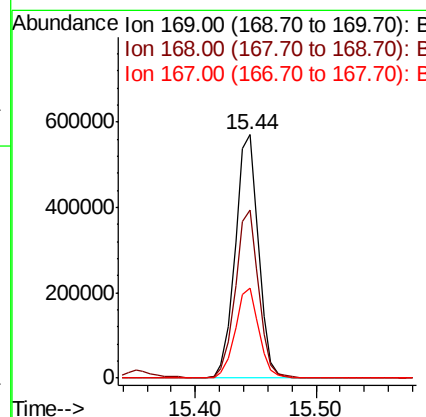
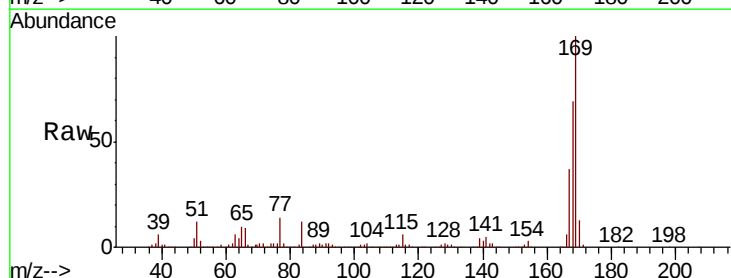
Manual Integrations
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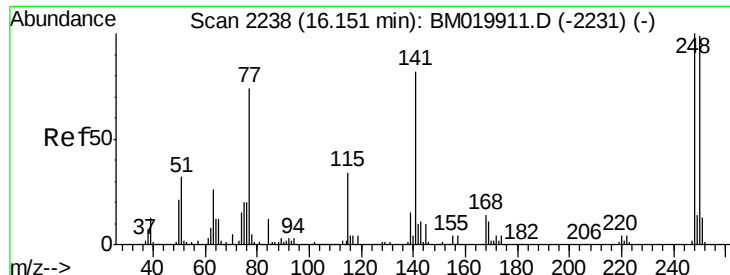
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 47.761 ng
RT: 15.44 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	764510		
168	68.9	54.7	82.1	
167	37.1	29.4	44.0	





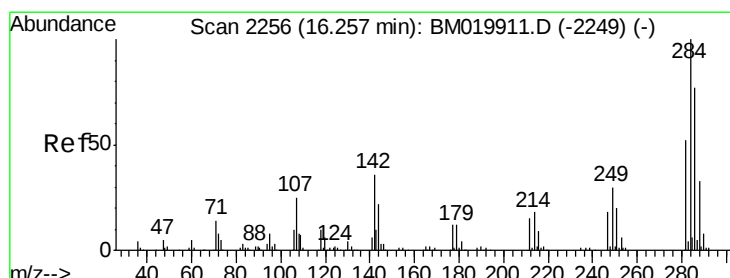
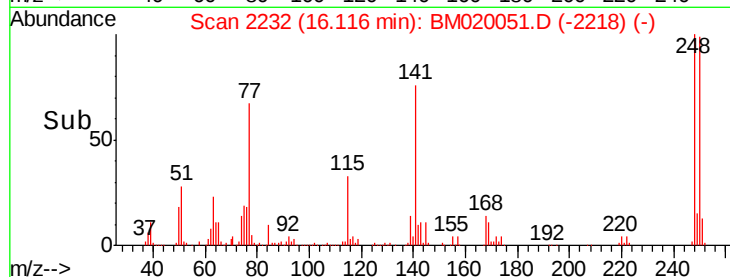
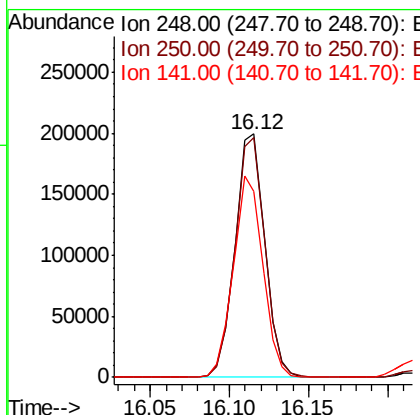
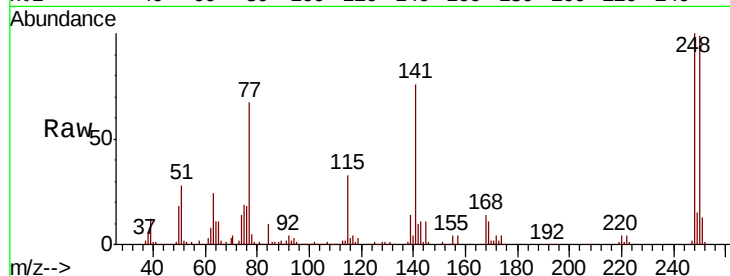
#67
4-Bromophenyl-phenylether
Concen: 46.191 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.9	118.3
141	76.2	65.6	98.4

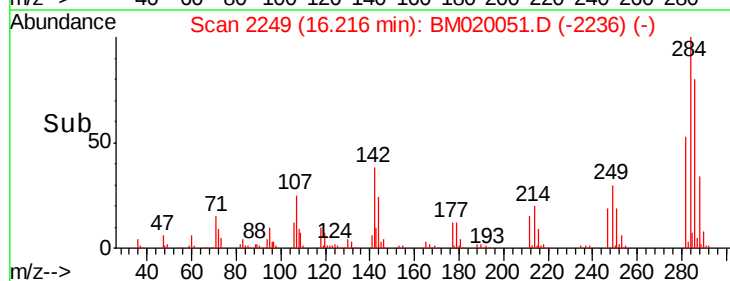
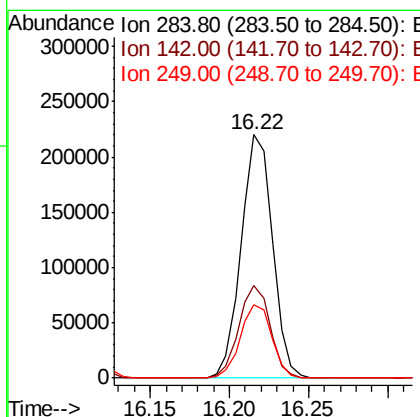
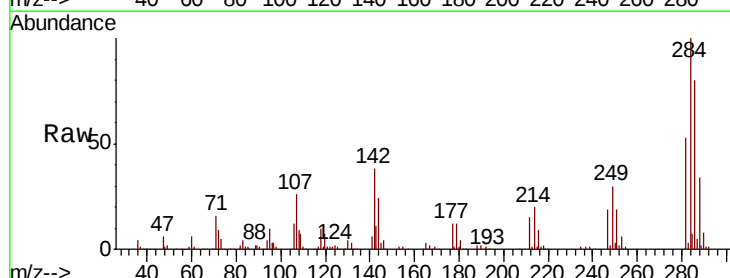
Manual Integrations
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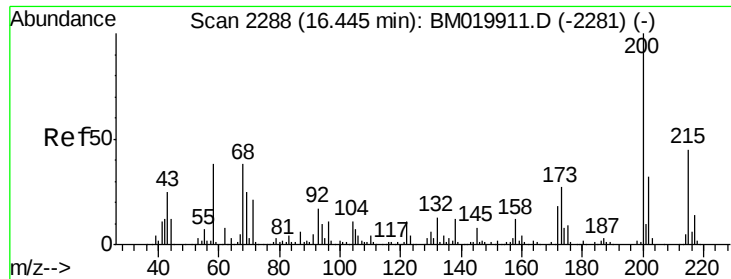
Sohil
4/24/2019 11:49:46 AM



#68
Hexachlorobenzene
Concen: 44.725 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	28.9	43.3
249	30.4	23.8	35.6





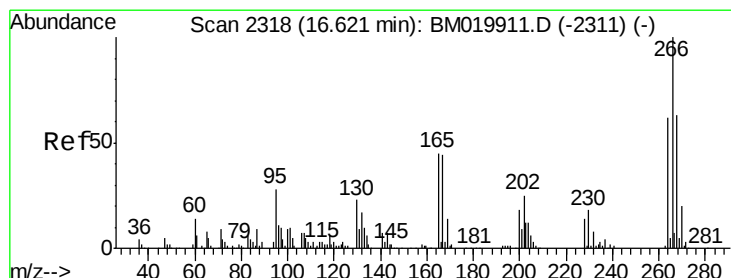
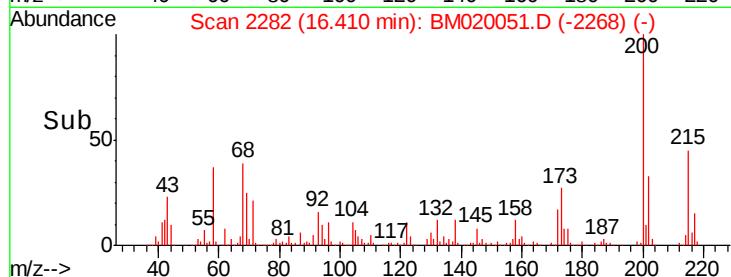
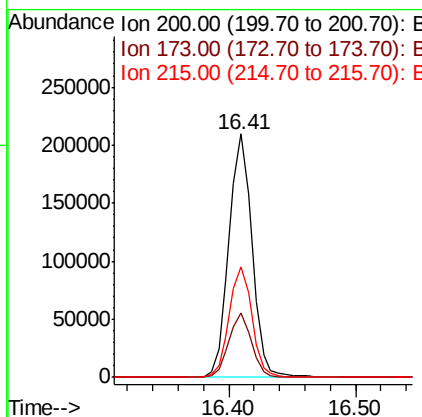
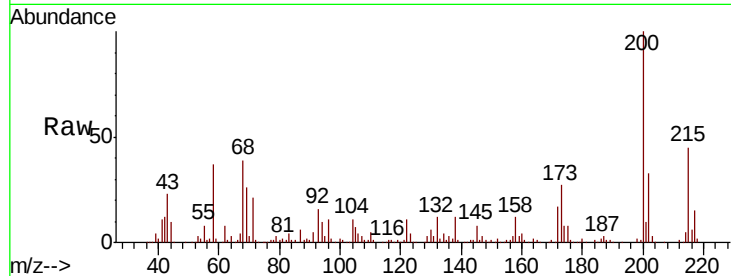
#69
 Atrazine
 Concen: 48.594 ng
 RT: 16.41 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampled :
 GMW-7MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	7.2	47.2
215	45.5	25.4	65.4

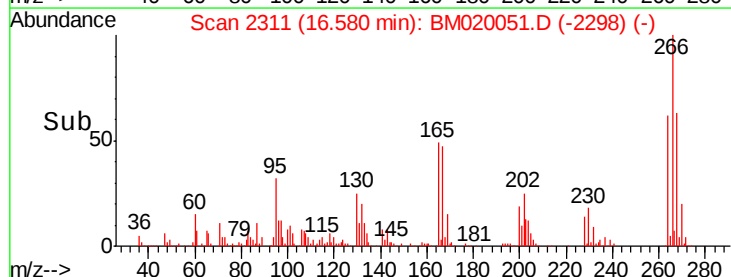
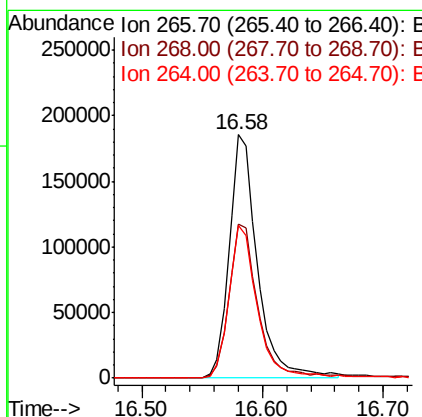
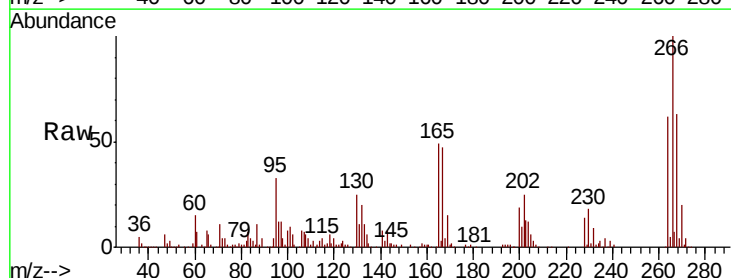
Manual Integrations
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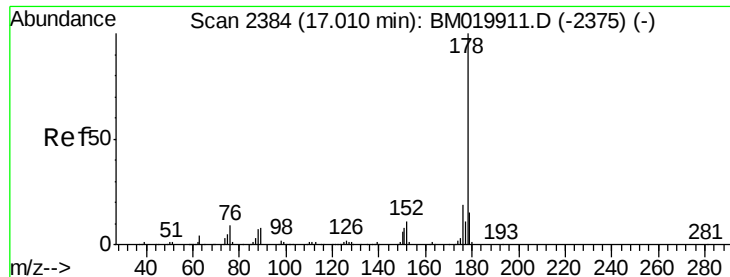
Sohil
 4/24/2019 11:49:46 AM



#70
 Pentachlorophenol
 Concen: 87.366 ng
 RT: 16.58 min Scan# 2311
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	50.3	75.5
264	62.5	49.8	74.8





#71

Phenanthrene

Concen: 46.744 ng

RT: 16.97 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

ClientSampled :

GMW-7MSD

Tot Ion:178 Resp: 1358181

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

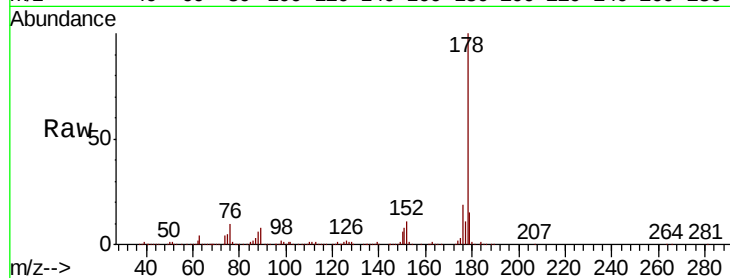
179 15.2 12.2 18.4

Manual Integrations

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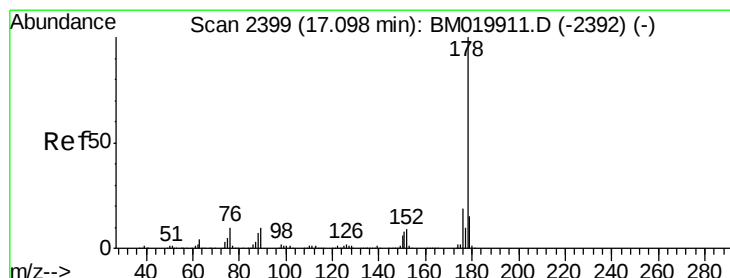
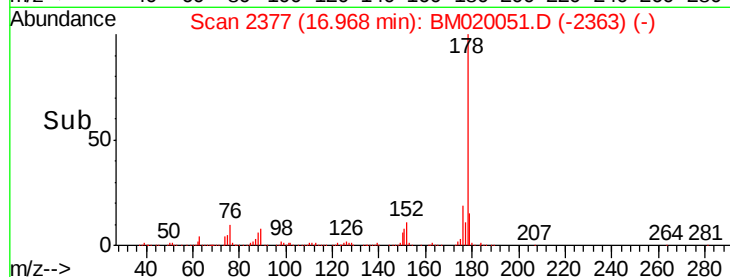
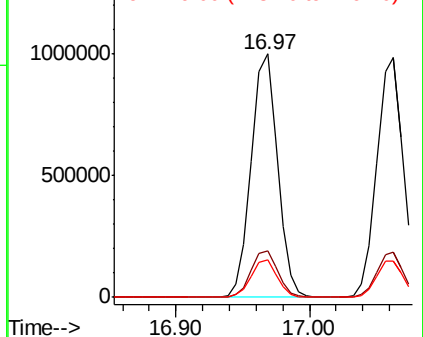
4/24/2019 11:49:46 AM



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: 47.214 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

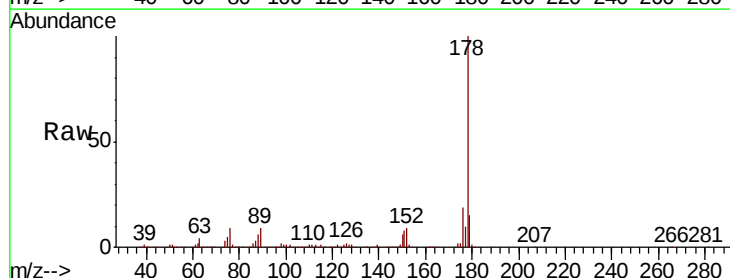
Tgt Ion:178 Resp: 1365576

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

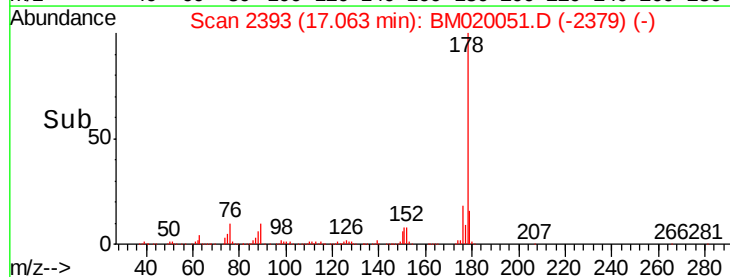
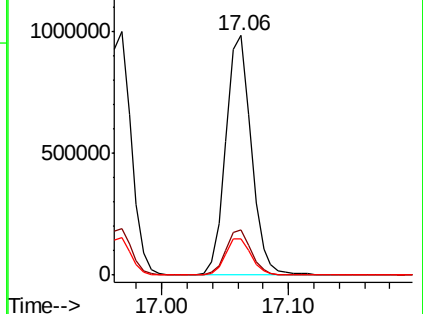
179 15.2 12.2 18.4

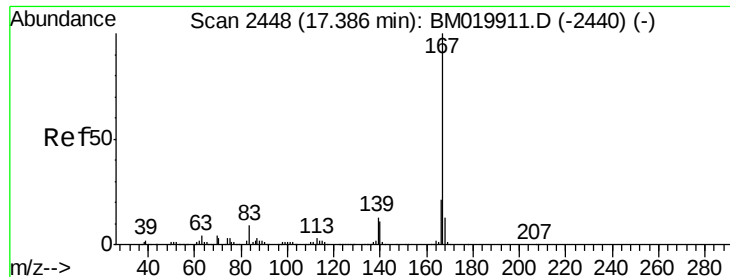


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





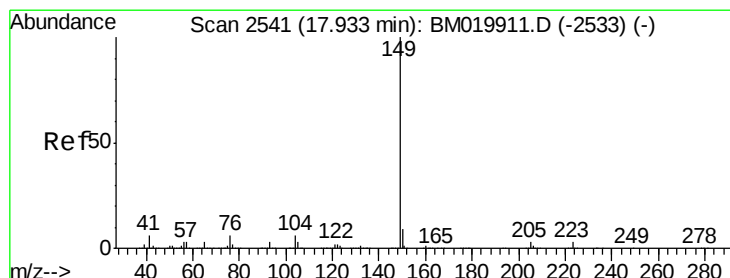
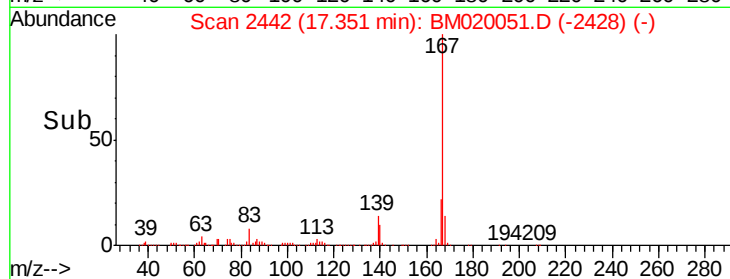
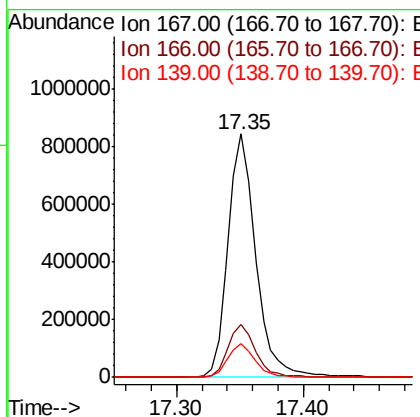
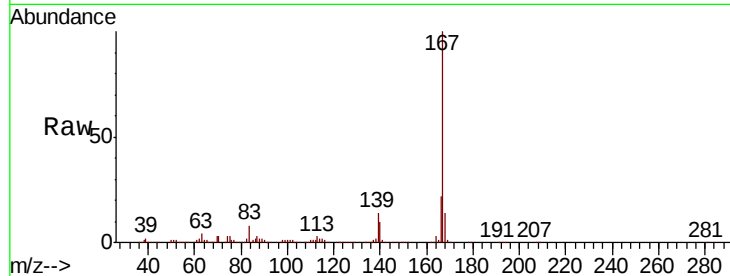
#73
 Carbazole
 Concen: 47.514 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	13.7	10.7	16.1

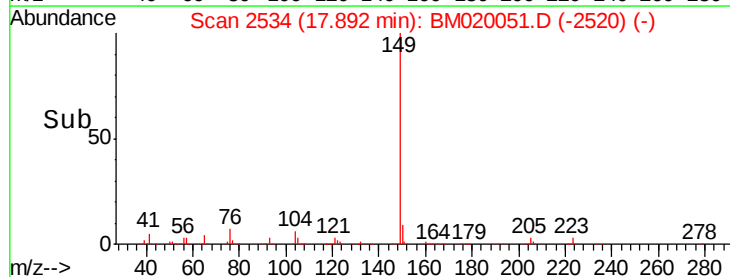
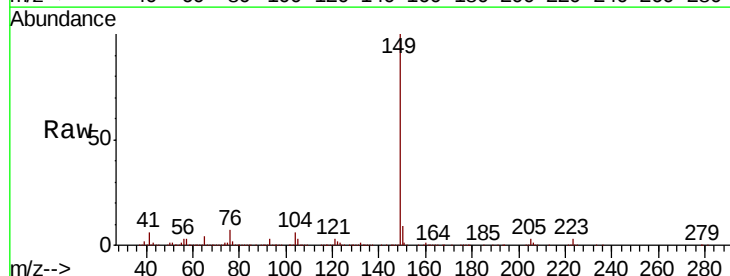
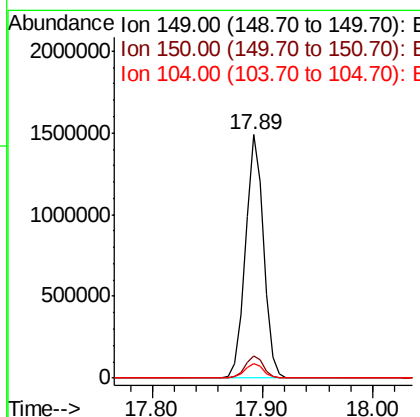
Manual Integrations
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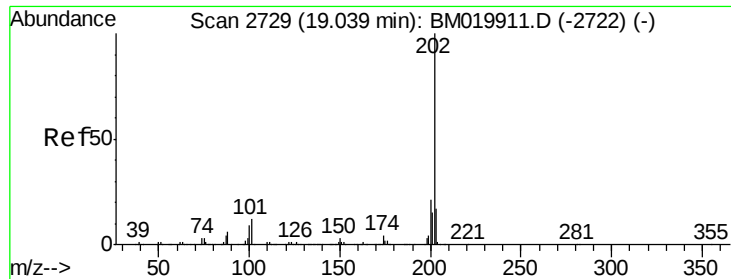
Sohil
 4/24/2019 11:49:46 AM



#74
 Di-n-butylphthalate
 Concen: 48.288 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	6.1	4.6	7.0





#75

Fluoranthene

Concen: 47.967 ng

RT: 19.00 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

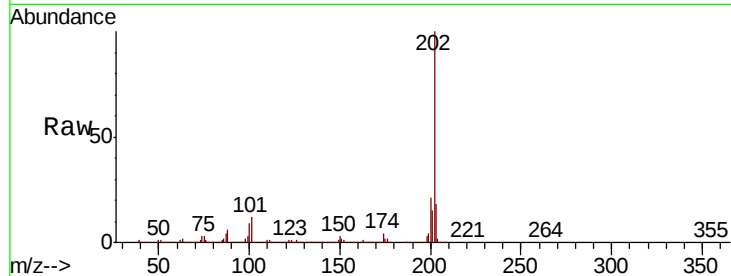
ClientSampleId :

GMW-7MSD

Tot Ion:	202	Resp:	1603910
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.7
203	17.5	0.0	37.4

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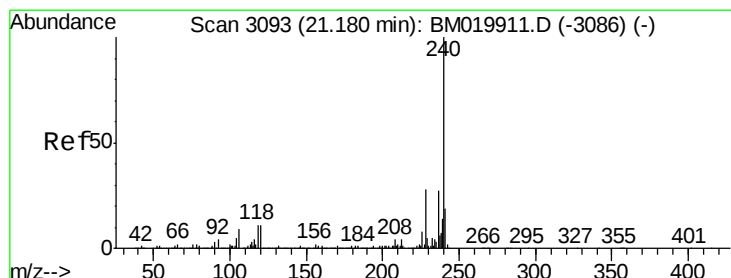
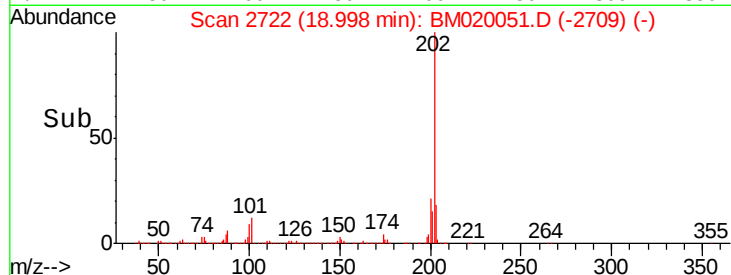
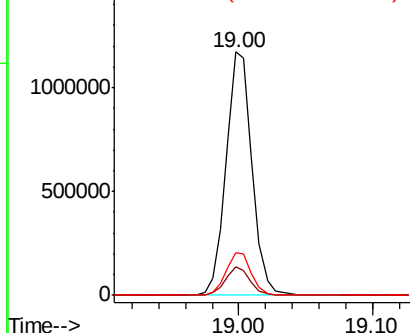


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

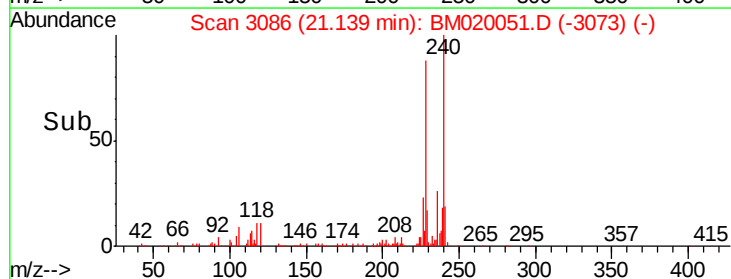
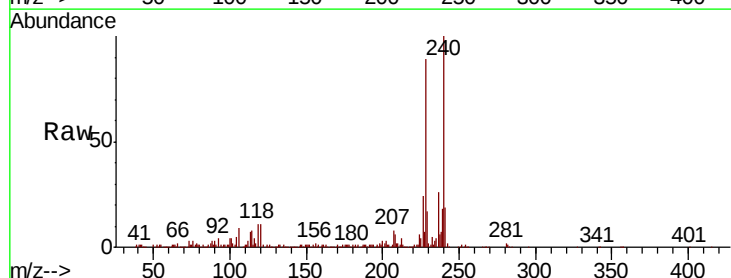
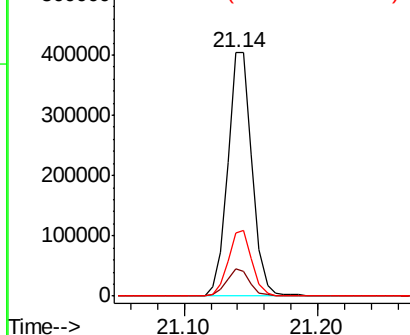
Tgt Ion:	240	Resp:	517188
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.6	13.0
236	25.8	21.4	32.2

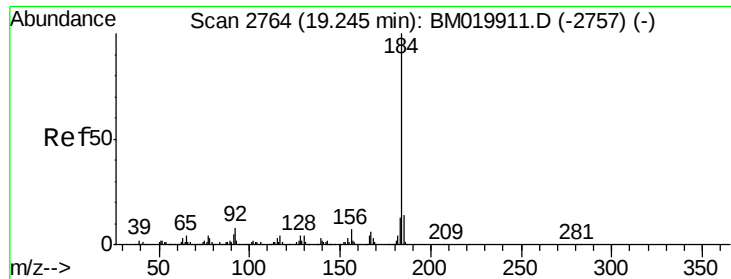
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.883 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

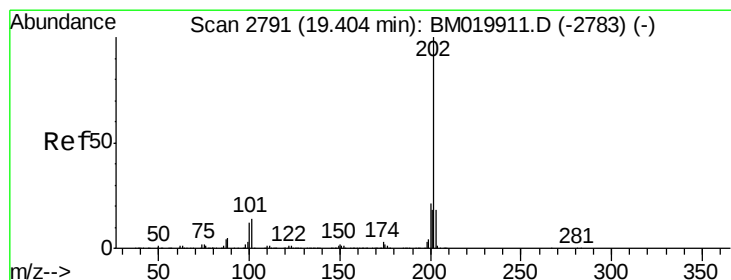
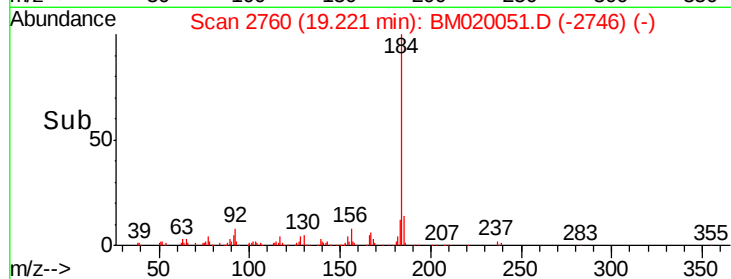
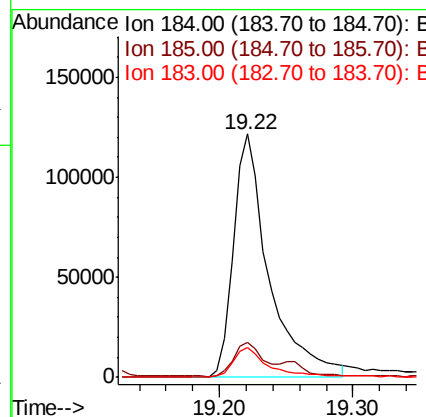
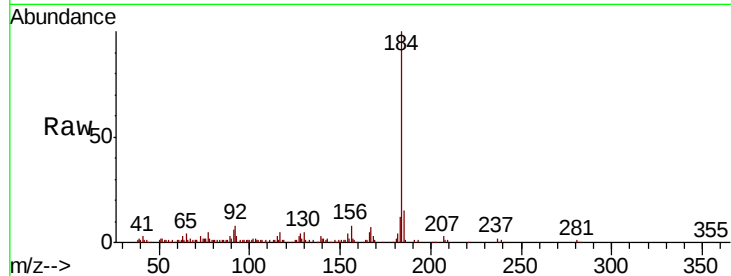
ClientSampleId :

GMW-7MSD

Tot Ion:	184	Resp:	226651
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.0	16.6
183	12.1	10.1	15.1

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#78

Pyrene

Concen: 48.028 ng

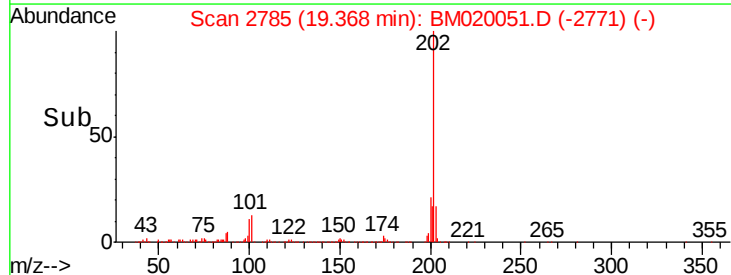
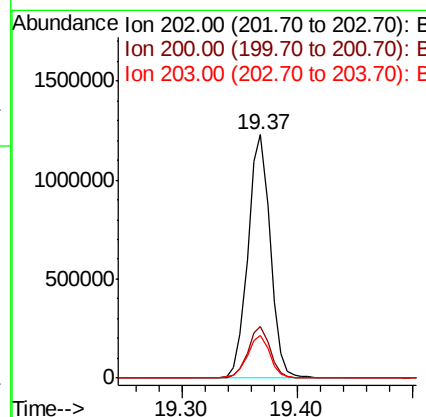
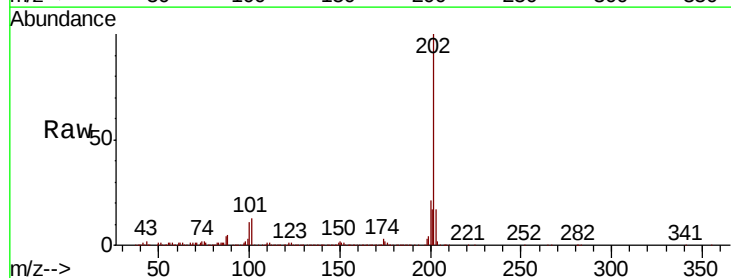
RT: 19.37 min Scan# 2785

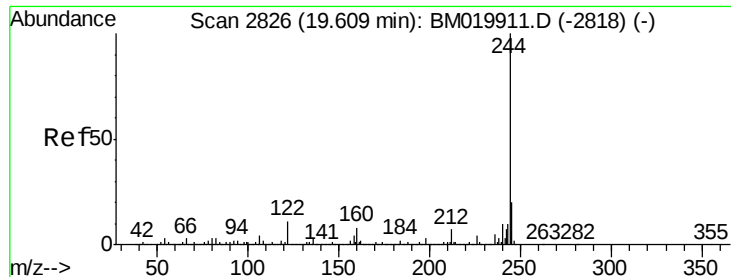
Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Tgt Ion:	202	Resp:	1644952
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	17.4	14.0	21.0





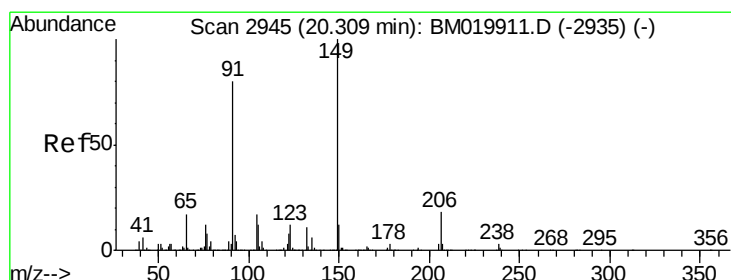
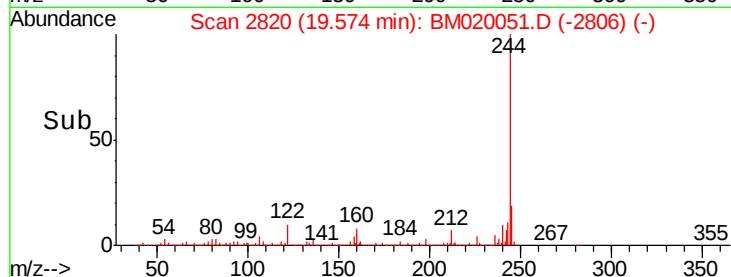
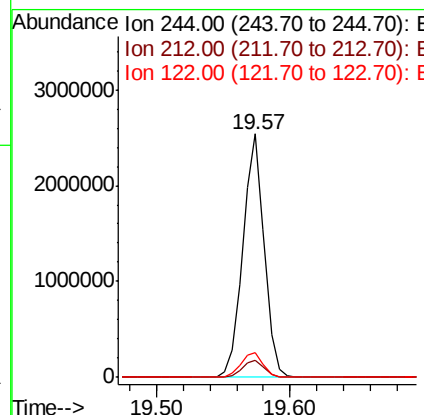
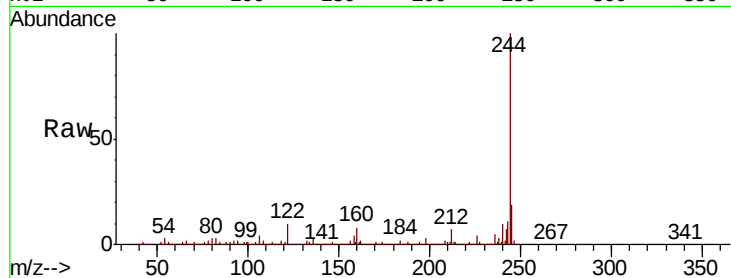
#79
 Terphenyl-d14
 Concen: 95.685 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.2	9.1	13.7

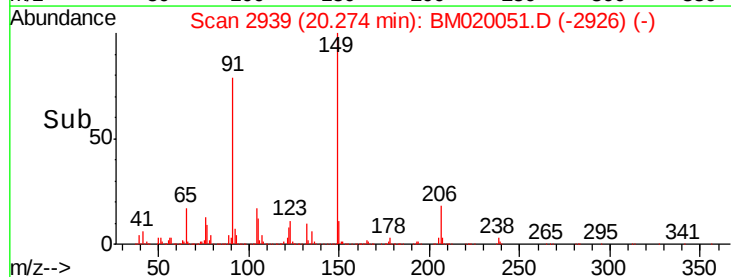
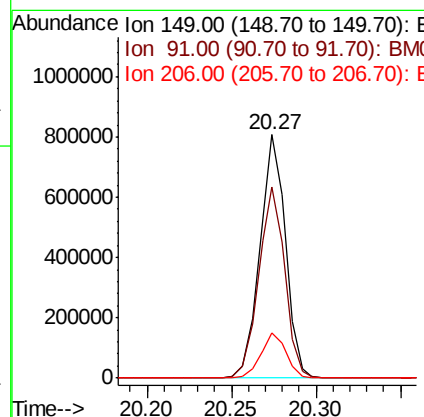
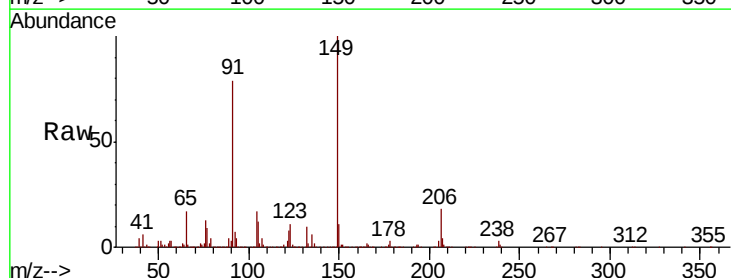
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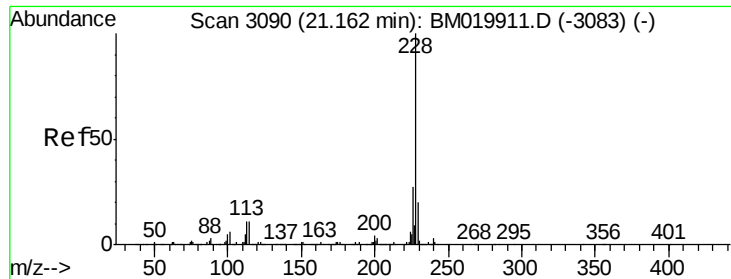
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#80
 Butylbenzylphthalate
 Concen: 51.294 ng
 RT: 20.27 min Scan# 2939
 Delta R.T. -0.02 min
 Lab File: BM020051.D
 Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.6	63.7	95.5
206	18.5	14.6	21.8





#81

Benzo(a)anthracene

Concen: 49.502 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Instrument :

BNA_M

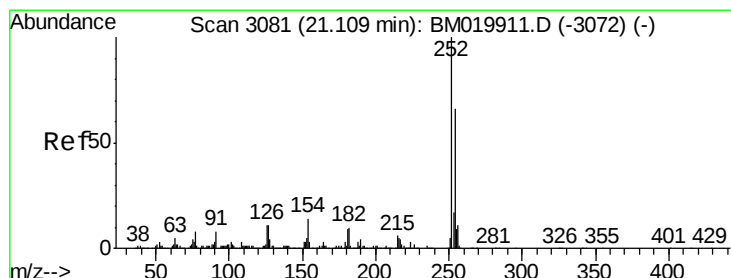
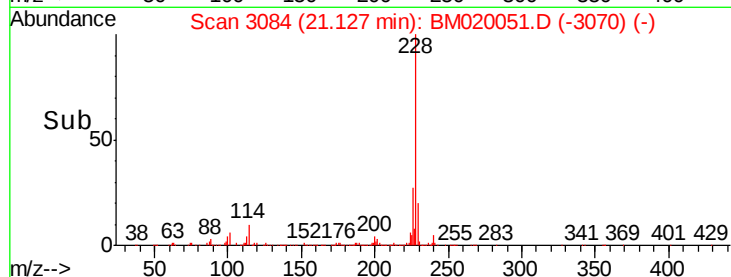
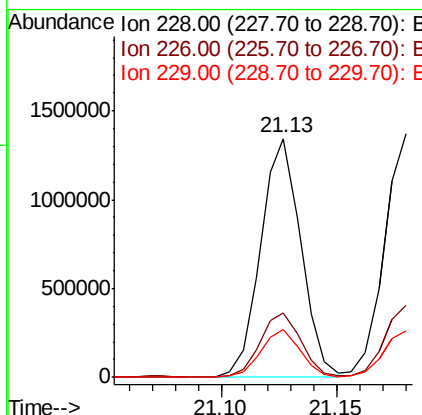
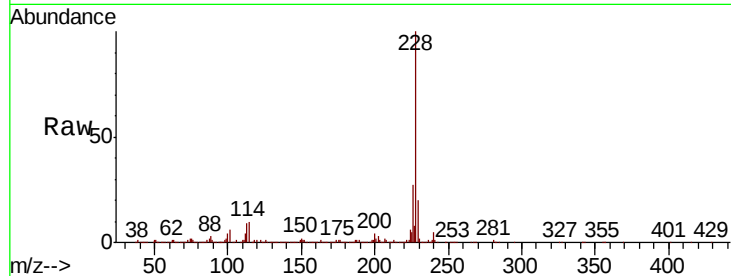
ClientSampleId :

GMW-7MSD

Tot Ion:	228	Resp:	1621803
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.9	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 39.569 ng

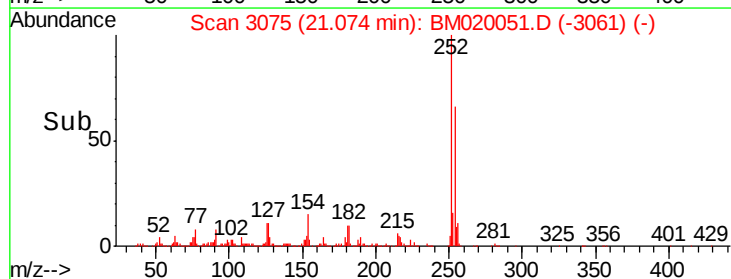
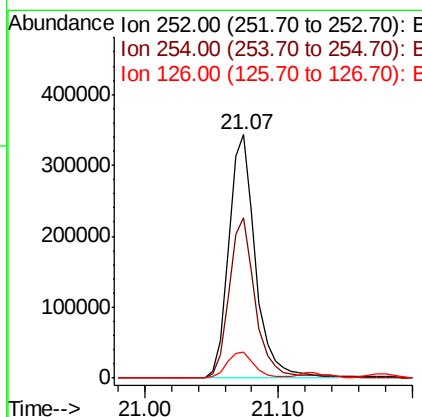
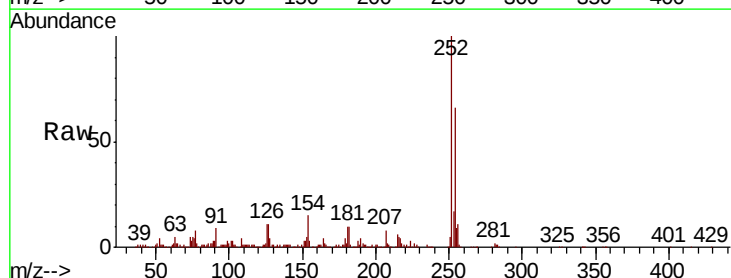
RT: 21.07 min Scan# 3075

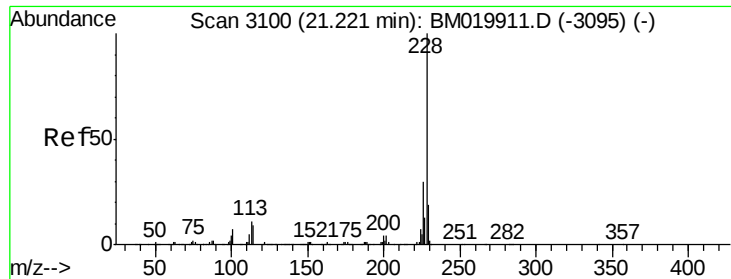
Delta R.T. -0.02 min

Lab File: BM020051.D

Acq: 23 Apr 2019 23:58

Tgt Ion:	252	Resp:	482328
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	78.8
126	10.8	8.6	12.8





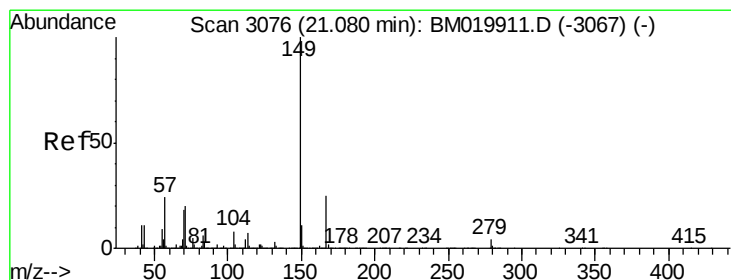
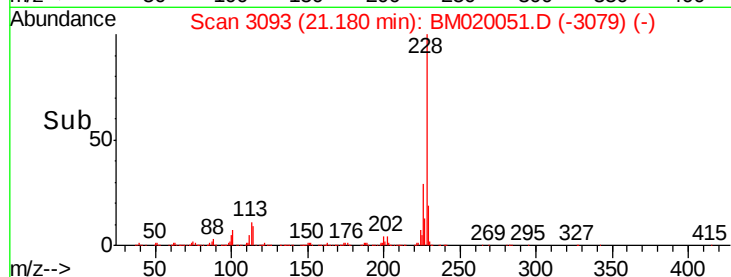
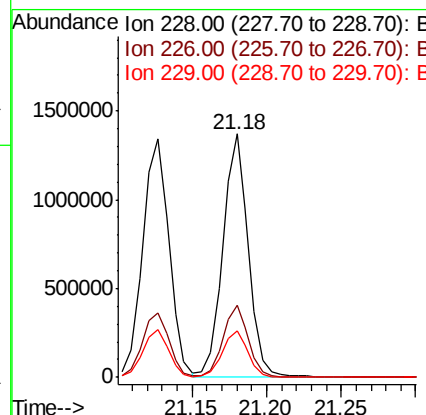
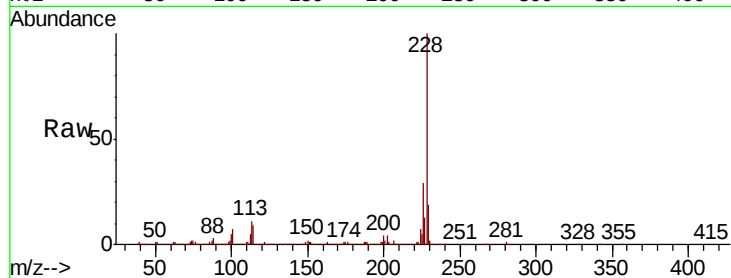
#83
Chrysene
Concen: 51.588 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.2	15.6	23.4

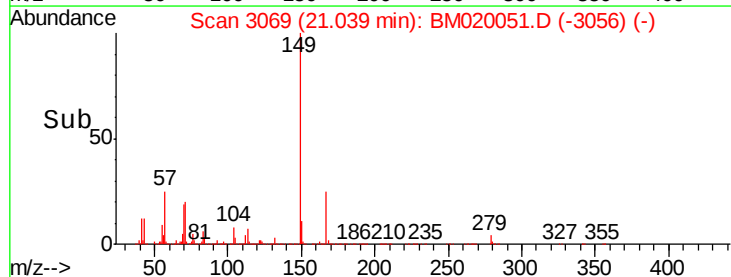
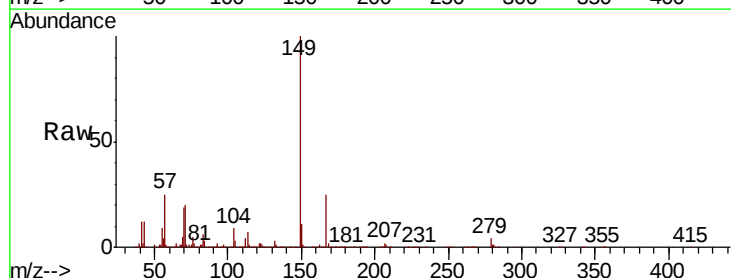
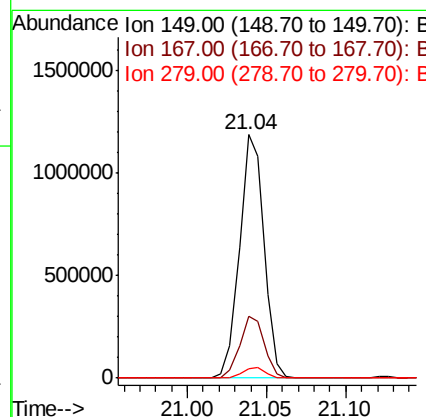
Manual Integrations
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.003 ng
RT: 21.04 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.3	30.5
279	4.0	3.4	5.2





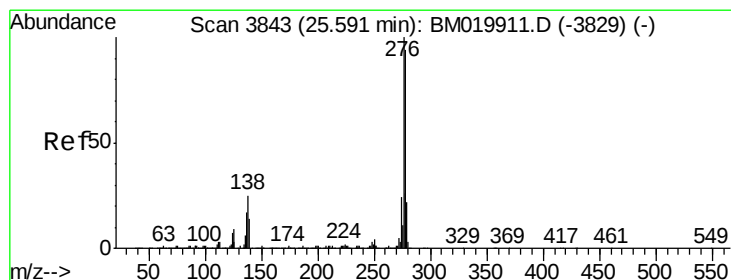
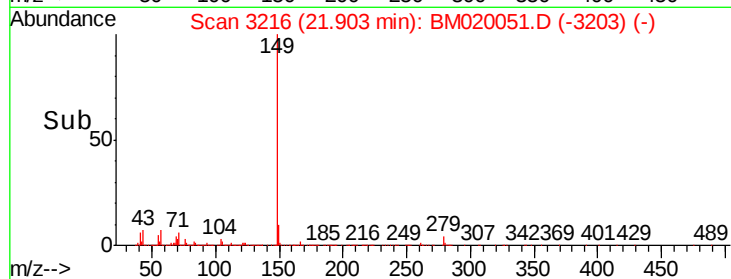
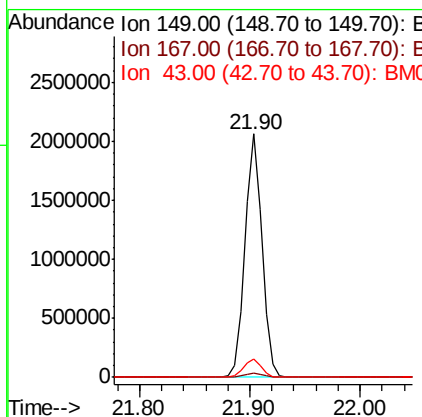
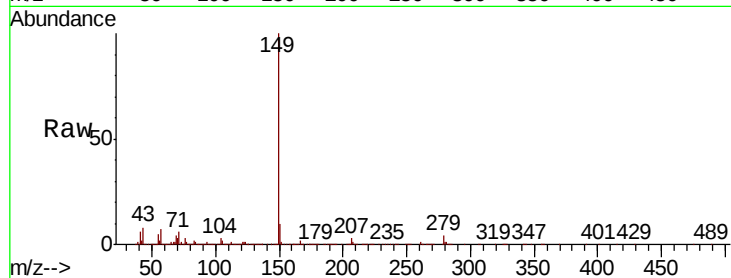
#85
Di-n-octyl phthalate
Concen: 55.653 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampled :
GMW-7MSD

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

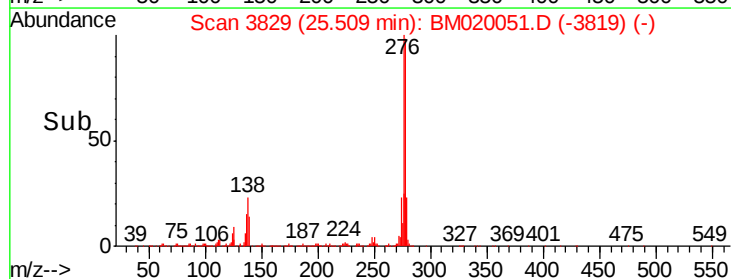
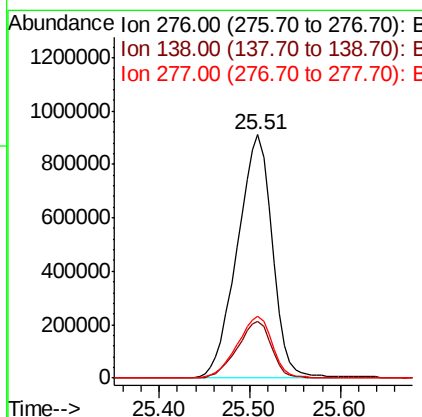
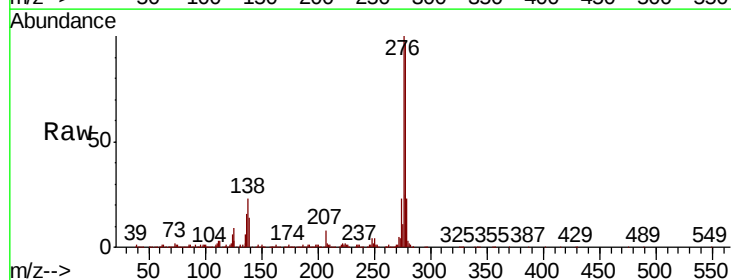
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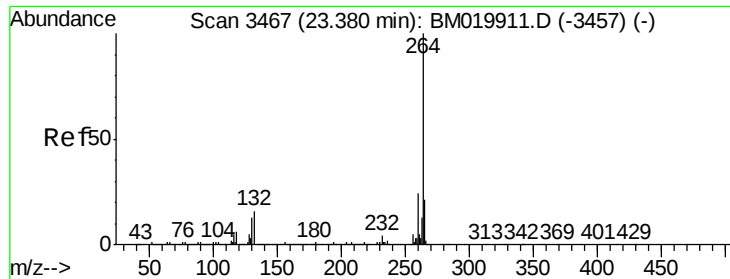
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#86
Indeno(1,2,3-cd)pyrene
Concen: 78.984 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.0	28.6
277	25.6	20.3	30.5





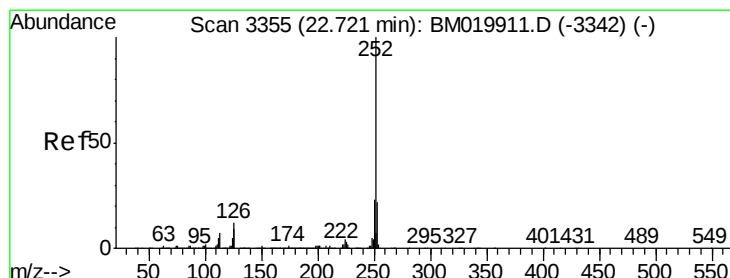
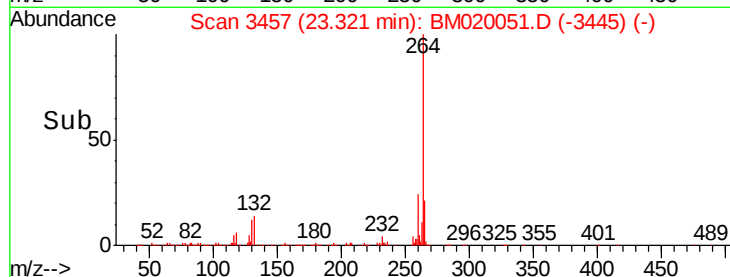
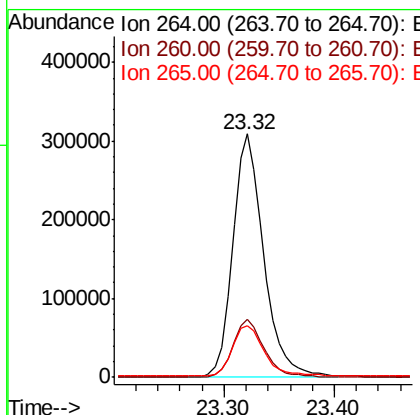
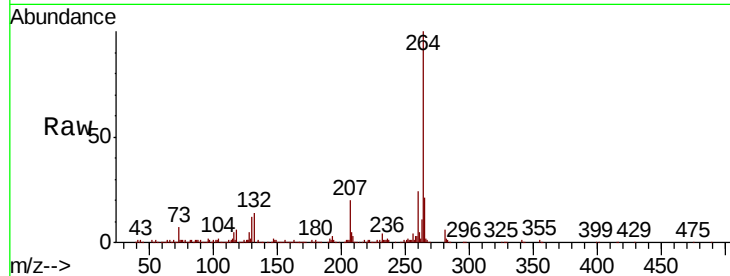
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3457
Delta R.T. -0.03 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.2	25.8

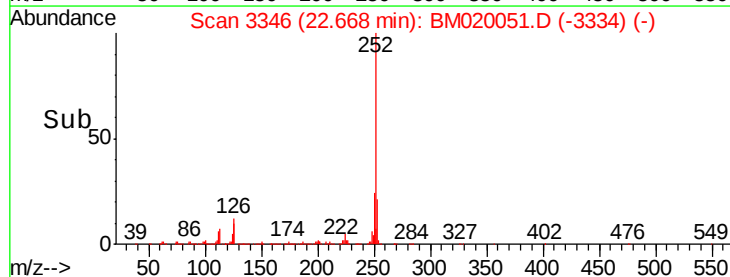
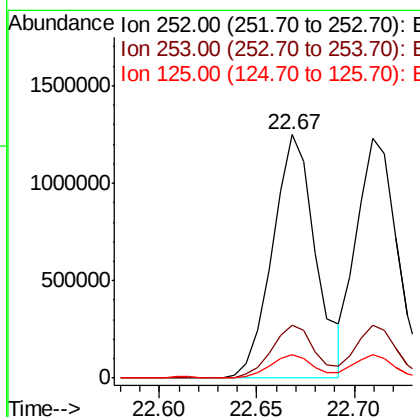
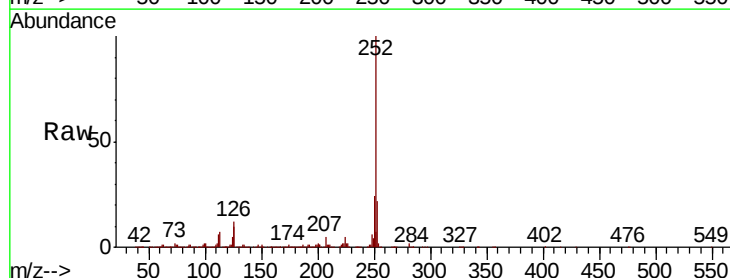
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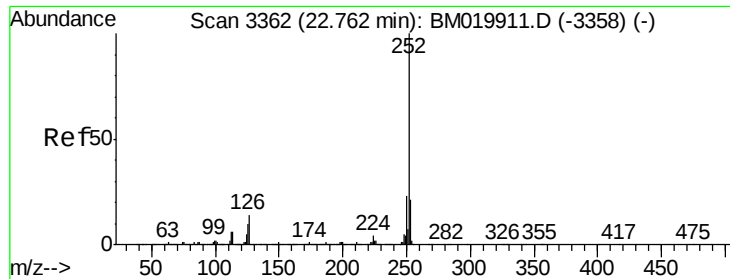
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#88
Benzo(b)fluoranthene
Concen: 47.539 ng
RT: 22.67 min Scan# 3346
Delta R.T. -0.03 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.9	7.6	11.4





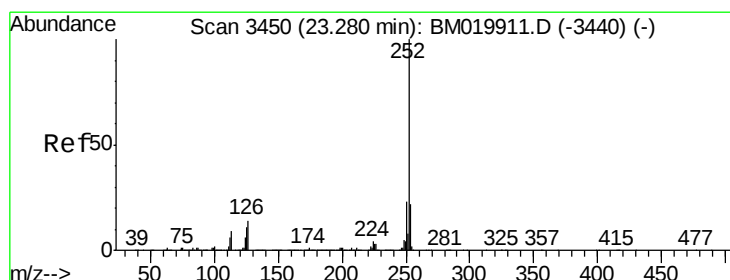
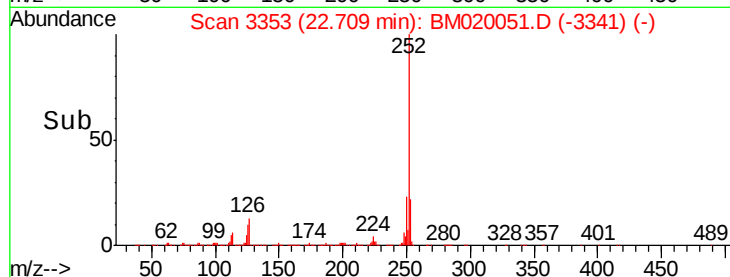
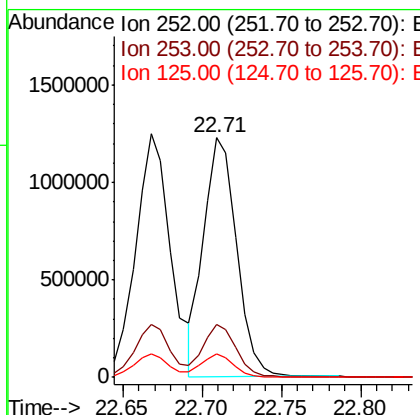
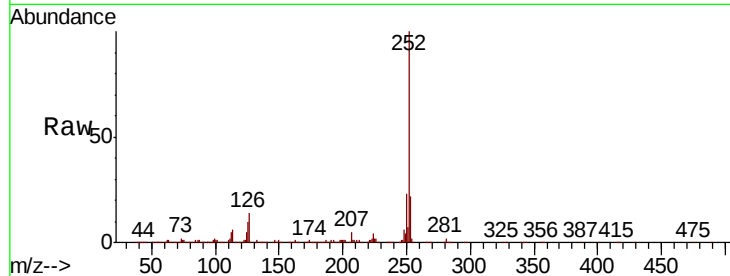
#89
Benzo(k)fluoranthene
Concen: 47.031 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.03 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.7	8.2	12.4

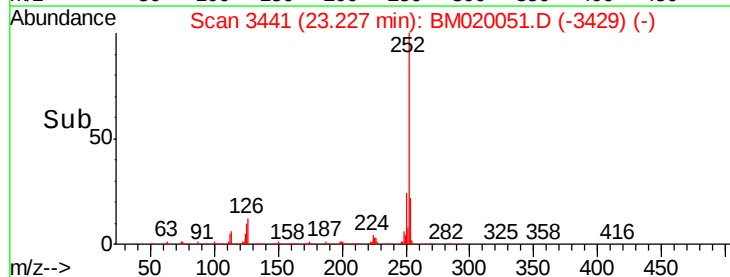
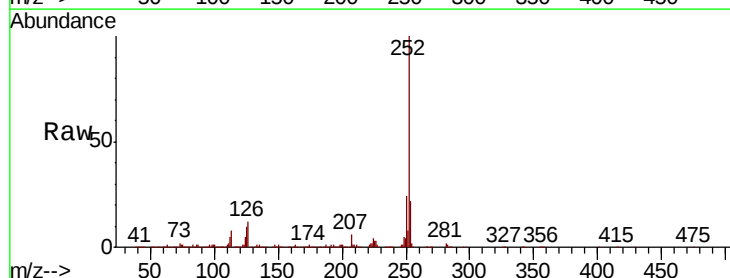
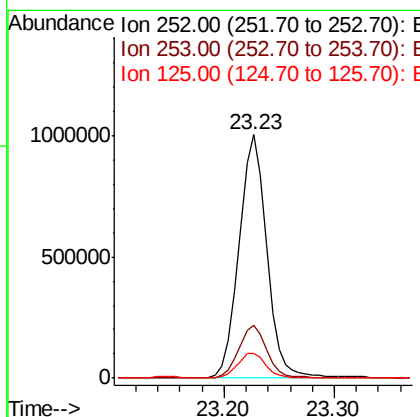
Manual Integrations
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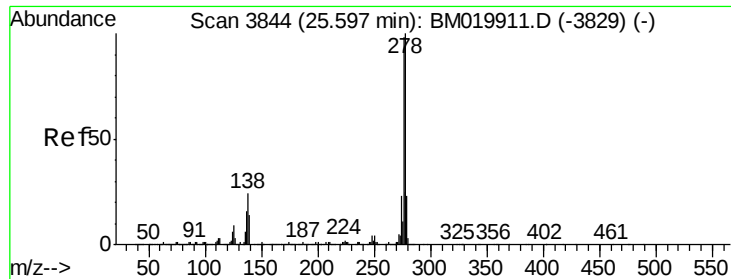
Sohil
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#90
Benzo(a)pyrene
Concen: 49.915 ng
RT: 23.23 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.1	9.1	13.7





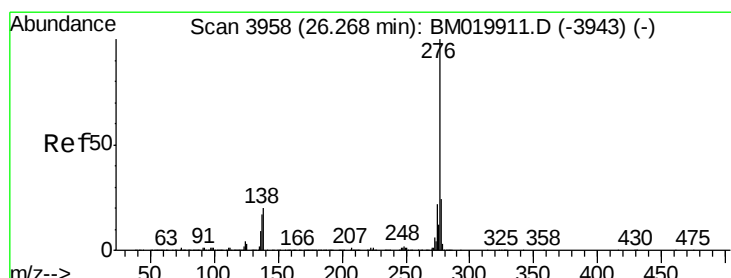
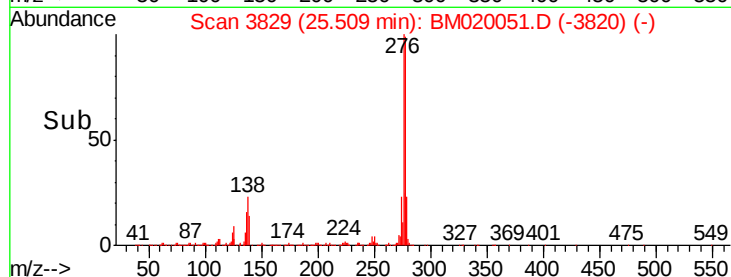
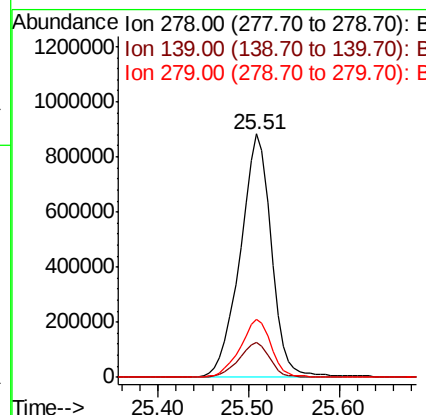
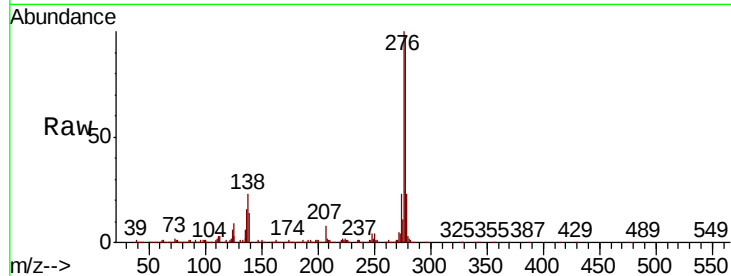
#91
Dibenzo(a,h)anthracene
Concen: 61.146 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.05 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	23.7	18.4	27.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:46 AM



#92
Benzo(g,h,i)perylene
Concen: 61.553 ng
RT: 26.17 min Scan# 3942
Delta R.T. -0.05 min
Lab File: BM020051.D
Acq: 23 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	19.4	16.2	24.4

