

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
 Data File : BM019916.D
 Acq On : 15 Apr 2019 16:45
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Manual Integrations
 APPROVED

Sohil
 4/16/2019 5:25:41 PM

Quant Time: Apr 16 03:25:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	124509	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	587623	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	349955	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	759607	20.00	ng	0.00
76) Chrysene-d12	21.18	240	734184	20.00	ng	0.00
87) Perylene-d12	23.38	264	653414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	610982	79.53	ng	0.00
7) Phenol-d6	6.73	99	921486	79.70	ng	0.00
23) Nitrobenzene-d5	8.70	82	1040549	79.19	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	432948	76.86	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2213715	78.83	ng	0.00
79) Terphenyl-d14	19.61	244	3438603	82.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	133483	40.262	ng	99
3) Pyridine	3.52	79	349982	37.695	ng	98
4) n-Nitrosodimethylamine	3.44	42	123531	41.301	ng	100
6) Aniline	6.88	93	590522	39.543	ng	99
8) 2-Chlorophenol	7.10	128	378516	39.613	ng	99
9) Benzaldehyde	6.70	77	279189	41.248	ng	99
10) Phenol	6.75	94	500974	39.657	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	370003	40.032	ng	99
12) 1,3-Dichlorobenzene	7.42	146	400052	39.880	ng	99
13) 1,4-Dichlorobenzene	7.56	146	409899	40.273	ng	99
14) 1,2-Dichlorobenzene	7.87	146	403769	40.010	ng	99
15) Benzyl Alcohol	7.79	79	413576	39.346	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	347581	39.449	ng	100
17) 2-Methylphenol	7.99	107	325959	38.987	ng	99
18) Hexachloroethane	8.57	117	157754	39.874	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	393088	38.676	ng	99
20) 3+4-Methylphenols	8.32	107	447864	38.995	ng	99
22) Acetophenone	8.37	105	626408	39.138	ng	# 99
24) Nitrobenzene	8.75	77	538256	39.544	ng	99
25) Isophorone	9.26	82	994575	38.884	ng	99
26) 2-Nitrophenol	9.45	139	229365	39.542	ng	99
27) 2,4-Dimethylphenol	9.50	122	324254	39.536	ng	98
28) bis(2-Chloroethoxy)methane	9.75	93	558687	39.007	ng	100
29) 2,4-Dichlorophenol	9.97	162	372143	39.952	ng	97
30) 1,2,4-Trichlorobenzene	10.17	180	395770	39.476	ng	99
31) Naphthalene	10.36	128	1239041	39.312	ng	99
32) Benzoic acid	9.72	122	280198m	37.507	ng	
33) 4-Chloroaniline	10.50	127	510743	39.335	ng	99
34) Hexachlorobutadiene	10.61	225	233304	39.457	ng	99
35) Caprolactam	11.33	113	135606m	38.460	ng	
36) 4-Chloro-3-methylphenol	11.63	107	447278	38.645	ng	99
37) 2-Methylnaphthalene	11.98	142	890383	38.803	ng	99
38) 1-Methylnaphthalene	12.21	142	881578	38.910	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	429008	39.738	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	111490	36.580	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	289050	39.491	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	307221	40.329	ng	97
46) 1,1'-Biphenyl	13.02	154	1199981	39.590	ng	100
47) 2-Chloronaphthalene	13.06	162	916995	39.662	ng	99
48) 2-Nitroaniline	13.30	65	328747	39.448	ng	99
49) Acenaphthylene	13.92	152	1586616	39.441	ng	100
50) Dimethylphthalate	13.67	163	1206508	39.086	ng	99
51) 2,6-Dinitrotoluene	13.81	165	266575	39.054	ng	93
52) Acenaphthene	14.26	154	873106	39.145	ng	98
53) 3-Nitroaniline	14.15	138	267120	39.192	ng	97
54) 2,4-Dinitrophenol	14.38	184	137843	38.135	ng	100
55) Dibenzofuran	14.60	168	1418574	38.893	ng	100
56) 4-Nitrophenol	14.49	139	187164	38.112	ng	97
57) 2,4-Dinitrotoluene	14.62	165	378197	38.545	ng	96
58) Fluorene	15.26	166	1190495	38.520	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.84	232	270479	38.913	ng	99
60) Diethylphthalate	15.04	149	1248711	38.896	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	573539	38.544	ng	95
62) 4-Nitroaniline	15.33	138	261351	38.919	ng	99
63) Azobenzene	15.55	77	1348673	39.305	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	192030	39.622	ng	97
66) n-Nitrosodiphenylamine	15.48	169	987846	39.779	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	345041	39.509	ng	95
68) Hexachlorobenzene	16.26	284	410278	39.152	ng	98
69) Atrazine	16.44	200	341004	40.450	ng	99
70) Pentachlorophenol	16.62	266	205747	38.427	ng	96
71) Phenanthrene	17.00	178	1766490	39.188	ng	98
72) Anthracene	17.10	178	1765594	39.348	ng	100
73) Carbazole	17.39	167	1628476	38.871	ng	100
74) Di-n-butylphthalate	17.93	149	2121564	38.561	ng	100
75) Fluoranthene	19.04	202	1983174	38.229	ng	99
77) Benzidine	19.24	184	779561	38.483	ng	99
78) Pyrene	19.40	202	2011265	41.367	ng	100
80) Butylbenzylphthalate	20.31	149	948160	40.224	ng	99
81) Benzo(a)anthracene	21.16	228	1839114	39.544	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	684459	39.555	ng	98
83) Chrysene	21.22	228	1751814	39.277	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	1355345	38.622	ng	99
85) Di-n-octyl phthalate	21.94	149	2137324	37.536	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	1838391	41.899	ng	100
88) Benzo(b)fluoranthene	22.71	252	1694228	39.049	ng	99
89) Benzo(k)fluoranthene	22.76	252	1571902	38.483	ng	100
90) Benzo(a)pyrene	23.28	252	1525044	39.669	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	1544601	41.673	ng	99
92) Benzo(g,h,i)perylene	26.27	276	1419111	42.272	ng	99

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

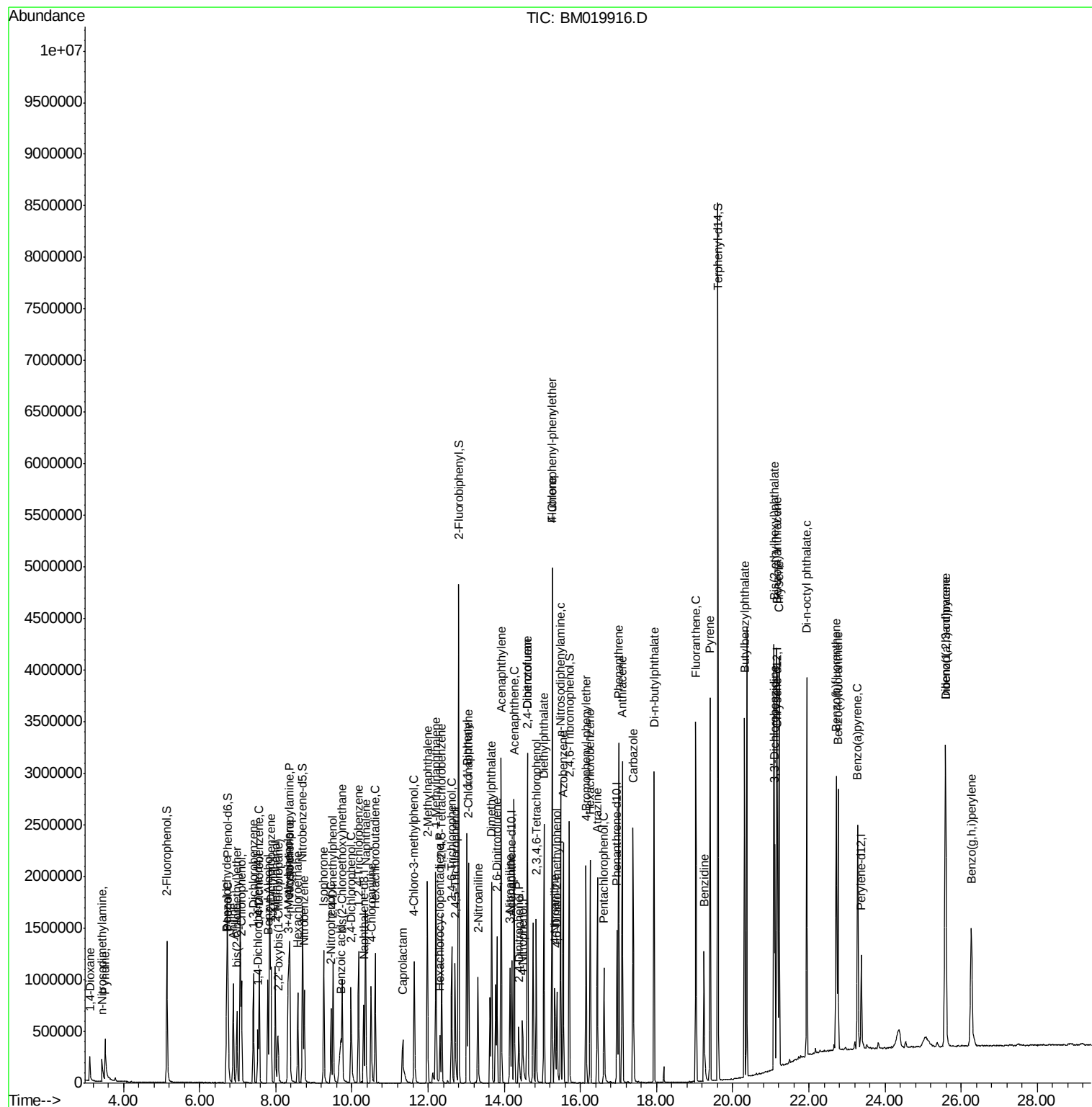
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
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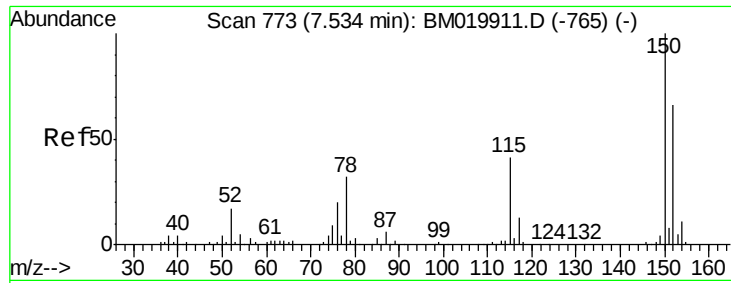
Instrument :
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#1

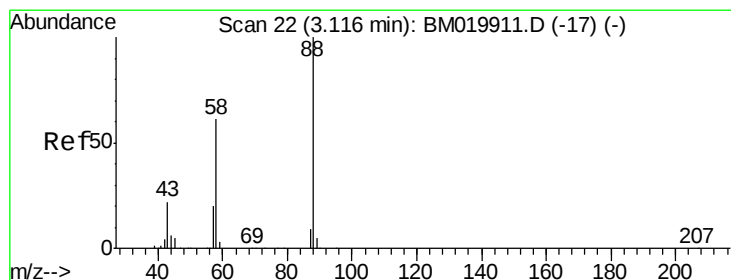
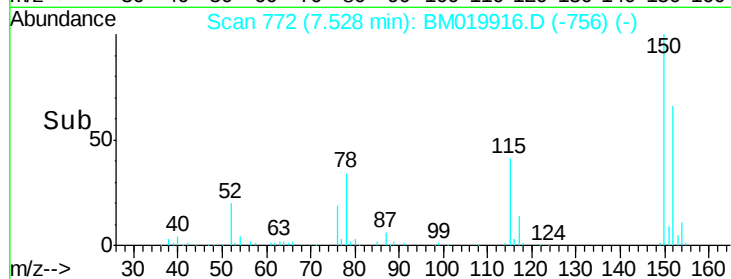
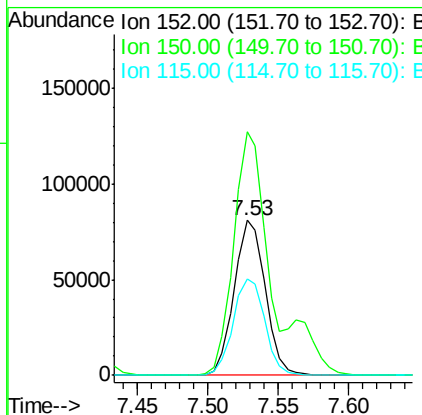
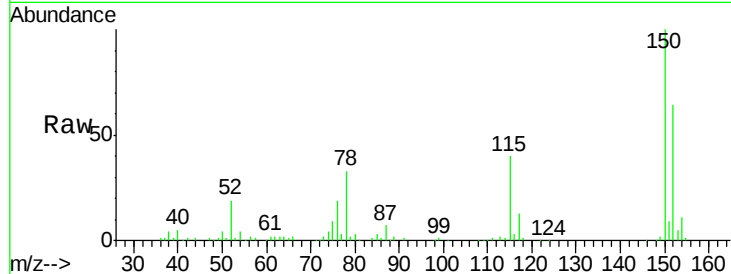
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.1	183.1
115	62.4	50.0	75.0

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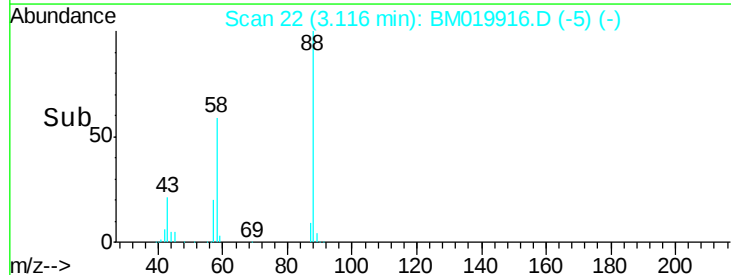
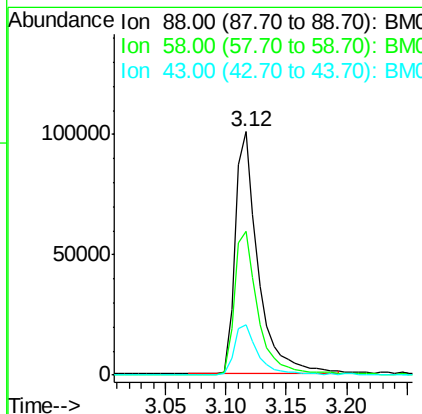
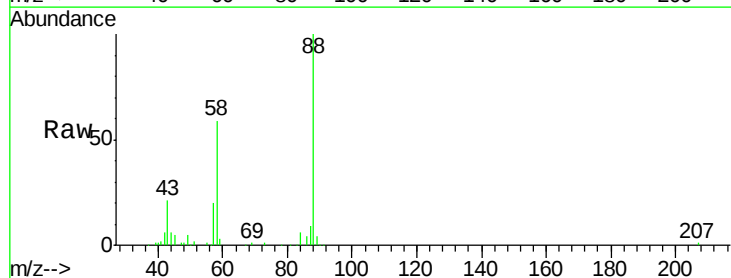
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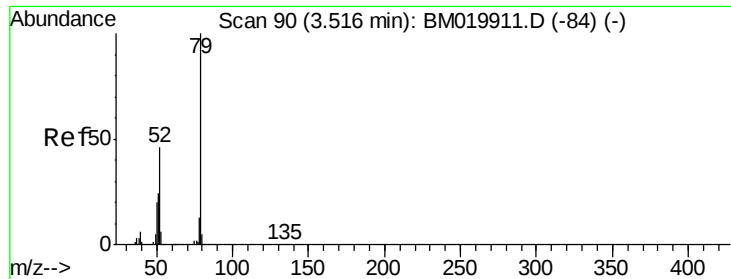


#2

1,4-Dioxane
Concen: 40.262 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	49.6	74.4
43	21.8	18.6	27.8





#3

Pyridine

Concen: 37.695 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

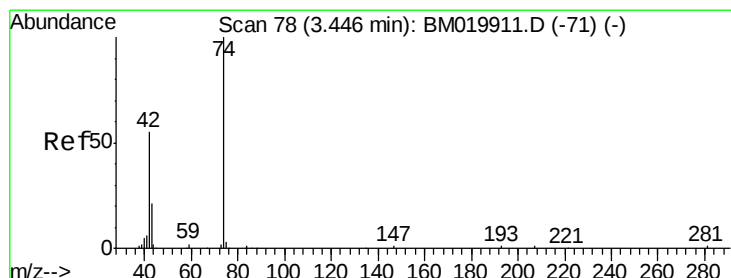
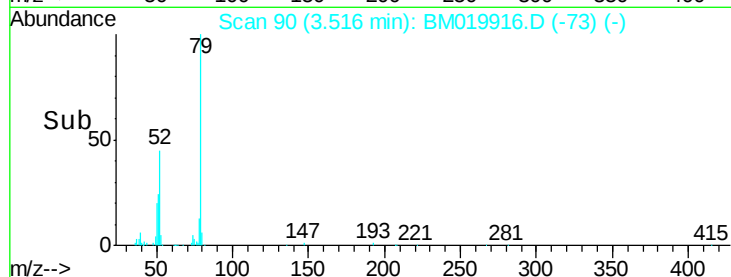
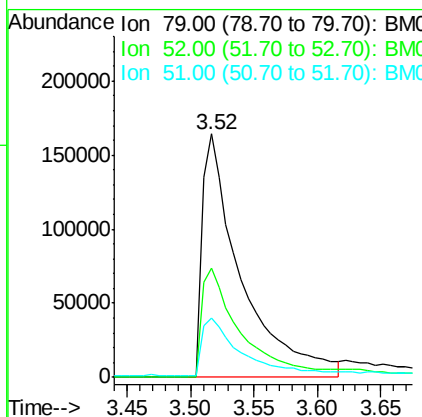
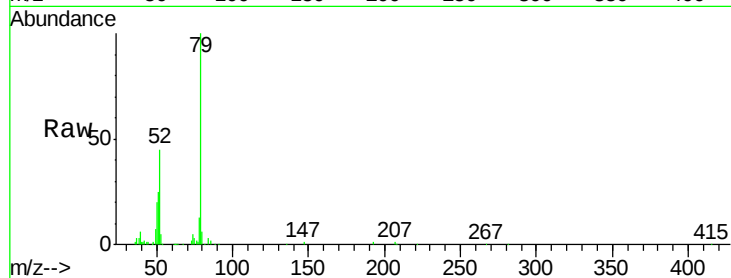
ClientSampleId :

ICVBM041519

Tgt Ion:	79	Resp:	349982
Ion	Ratio	Lower	Upper
79	100		
52	44.8	36.9	55.3
51	24.5	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 41.301 ng

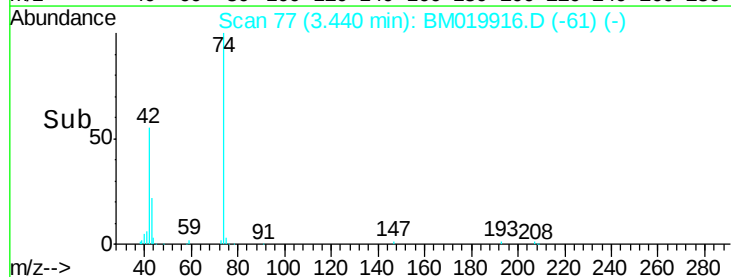
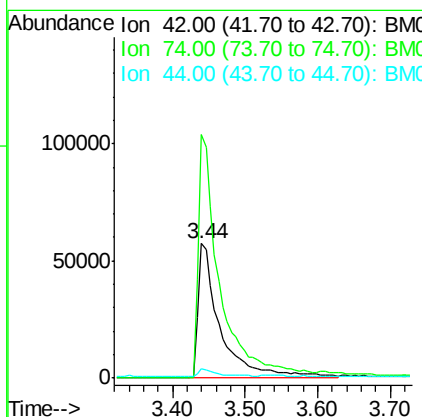
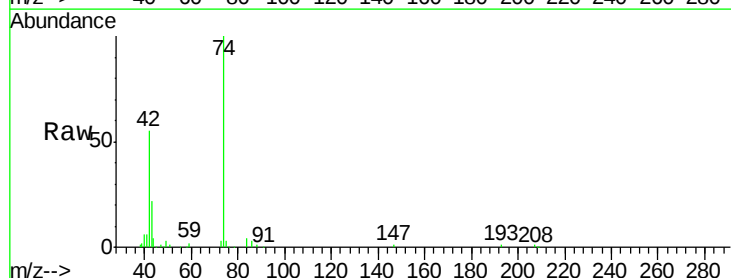
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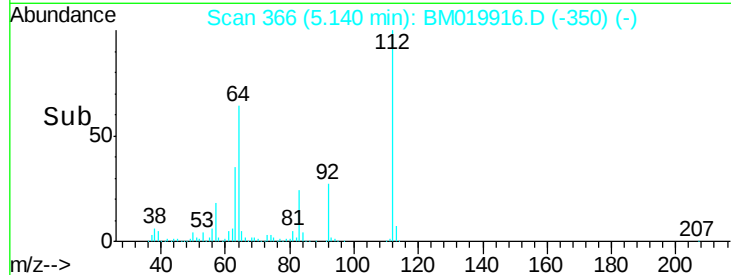
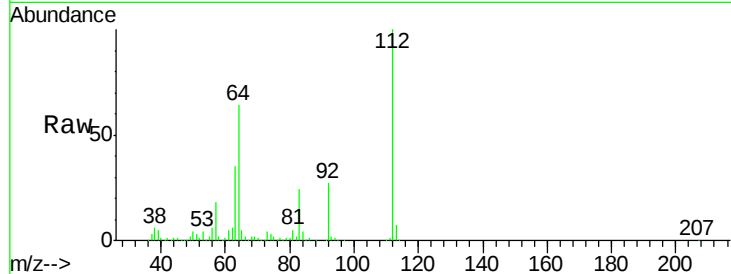
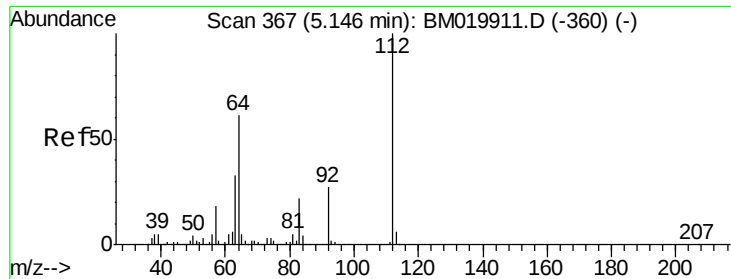
Delta R.T. -0.01 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion:	42	Resp:	123531
Ion	Ratio	Lower	Upper
42	100		
74	180.7	144.6	217.0
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 79.527 ng

RT: 5.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	610982		
64	63.7	49.1	73.7	
63	34.7	26.5	39.7	

Instrument :

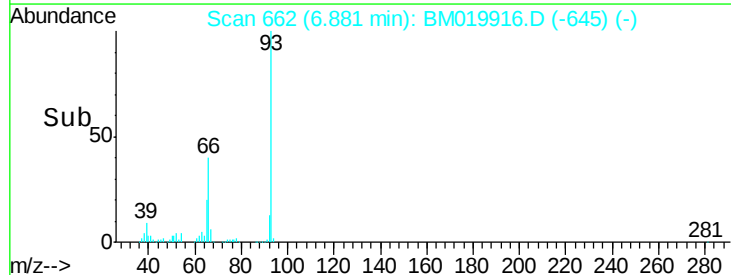
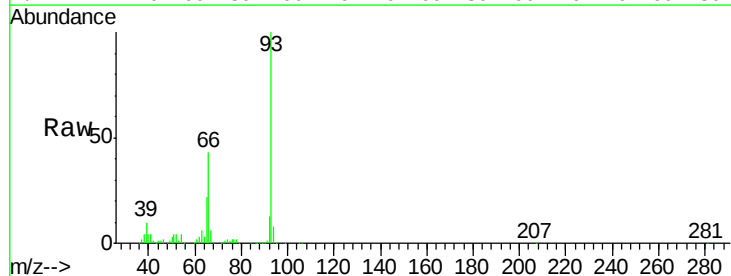
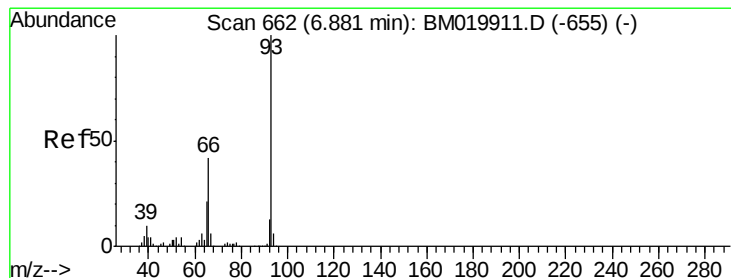
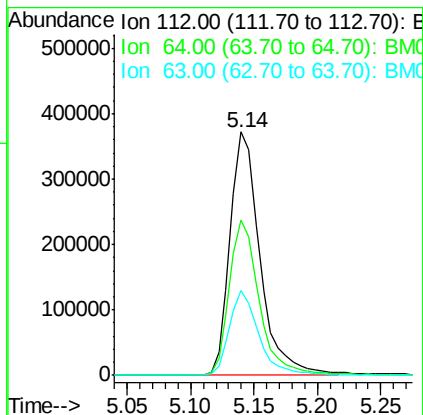
BNA_M

ClientSampleId :

ICVBM041519

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#6

Aniline

Concen: 39.543 ng

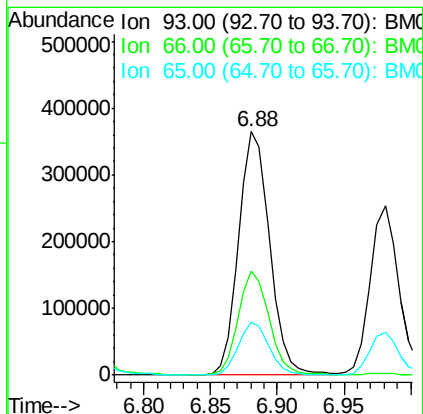
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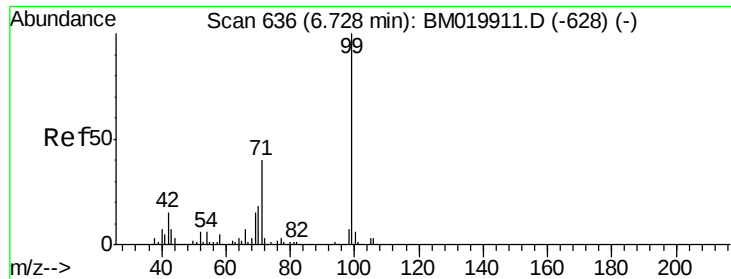
Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	590522		
66	42.6	33.9	50.9	
65	21.7	17.0	25.6	





#7

Phenol-d6

Concen: 79.698 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

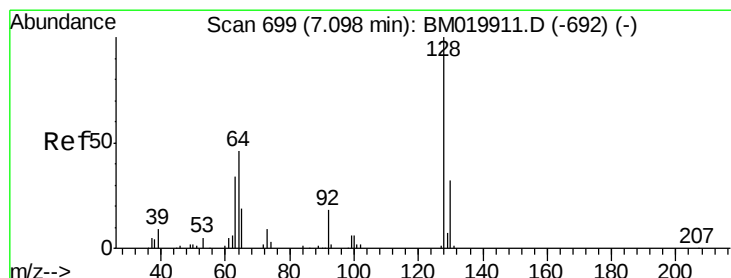
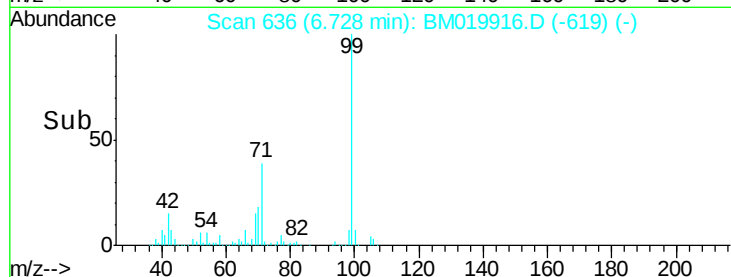
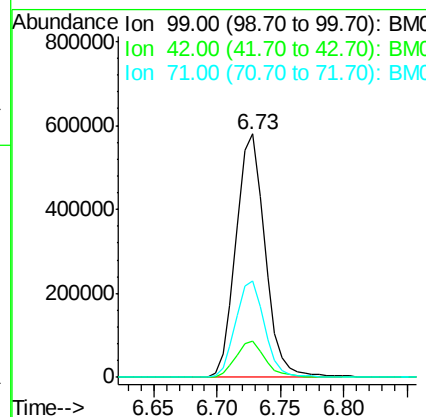
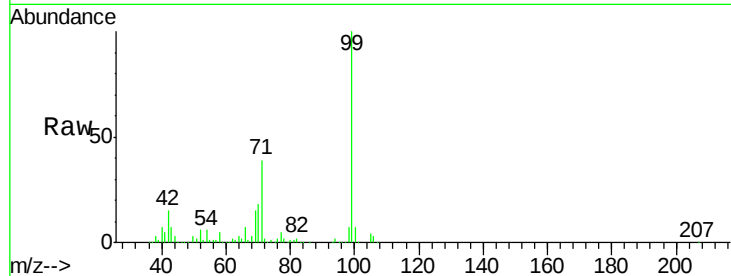
ClientSampleId :

ICVBM041519

Tgt Ion:	99	Resp:	921486
Ion Ratio	Lower	Upper	
99	100		
42	14.7	11.8	17.8
71	39.4	32.0	48.0

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#8

2-Chlorophenol

Concen: 39.613 ng

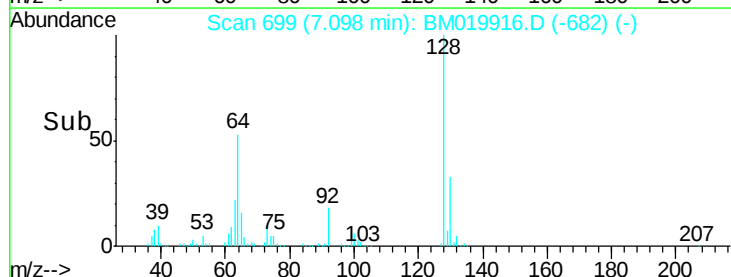
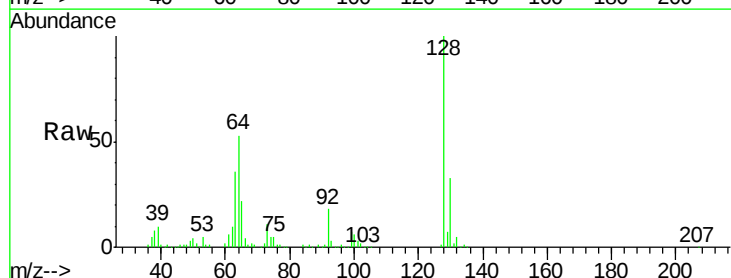
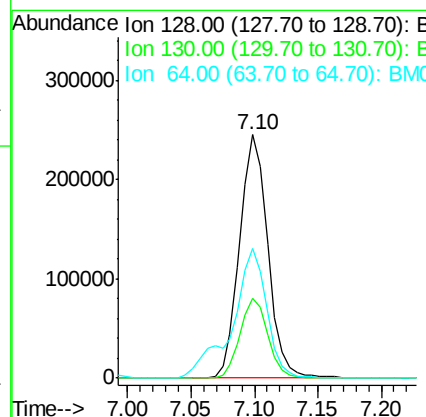
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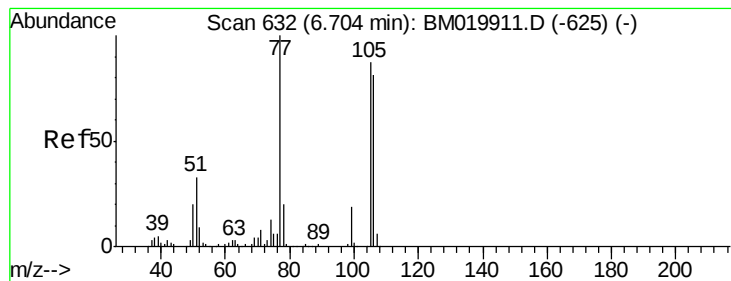
Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion:	128	Resp:	378516
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	53.2	33.0	73.0





#9

Benzaldehyde

Concen: 41.248 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

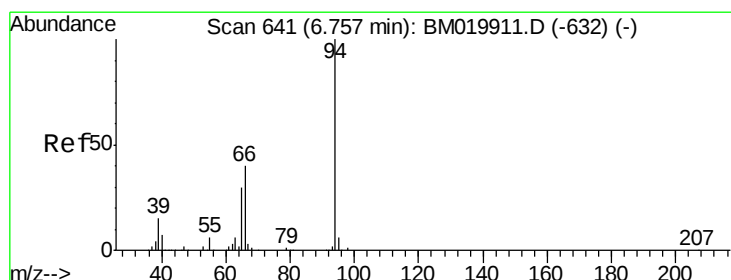
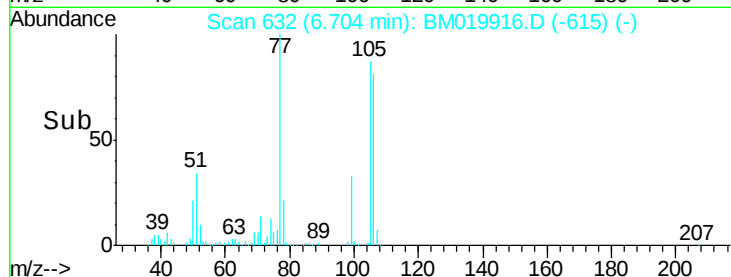
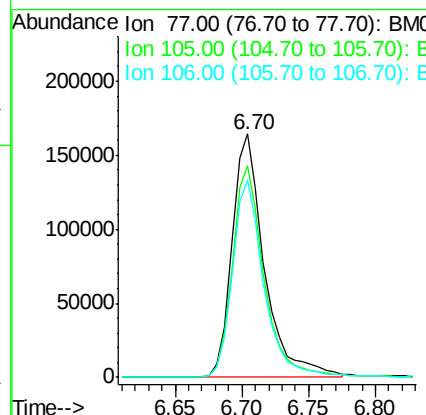
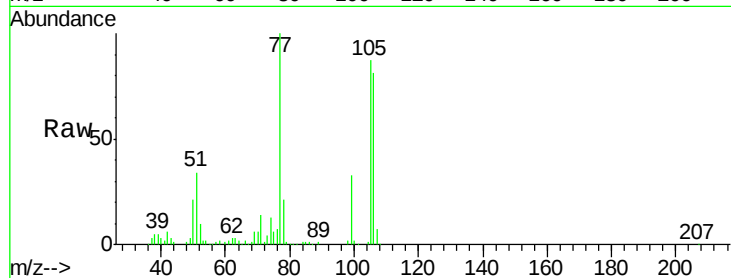
ClientSampleId :

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Tgt Ion:	77	Resp:	279189
Ion	Ratio	Lower	Upper
77	100		
105	86.8	67.3	107.3
106	81.3	60.6	100.6

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#10

Phenol

Concen: 39.657 ng

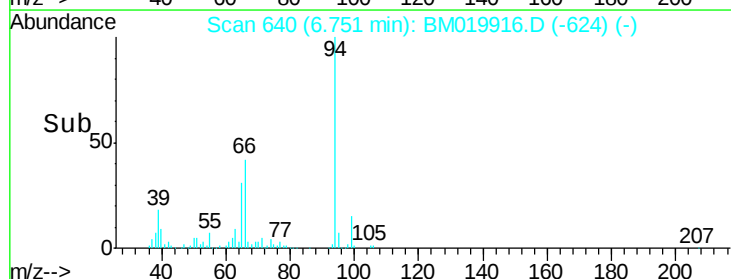
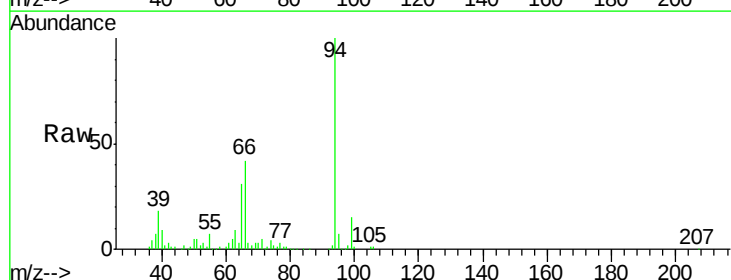
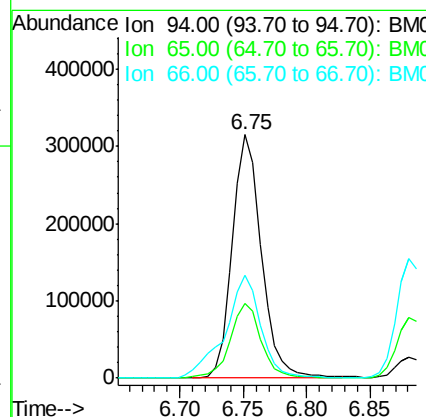
RT: 6.75 min Scan# 640

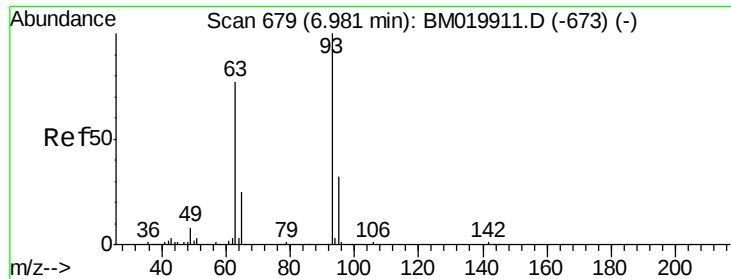
Delta R.T. -0.01 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion:	94	Resp:	500974
Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.0	50.0
66	42.2	20.2	60.2





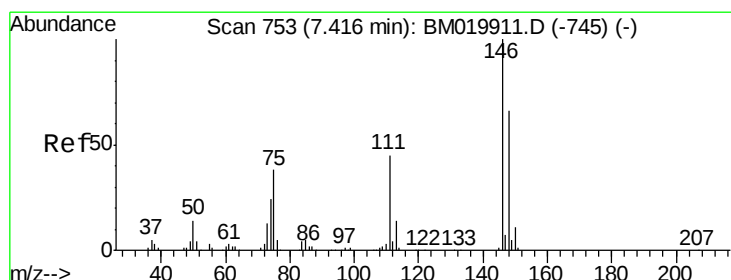
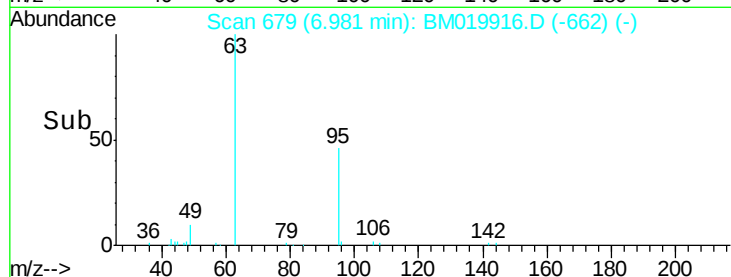
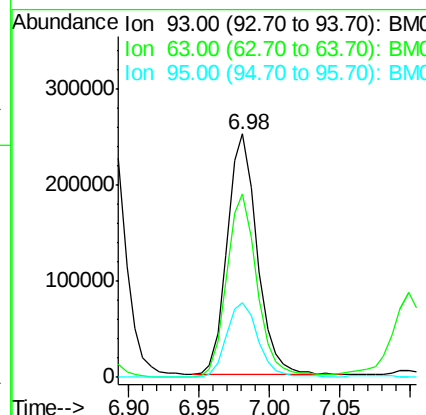
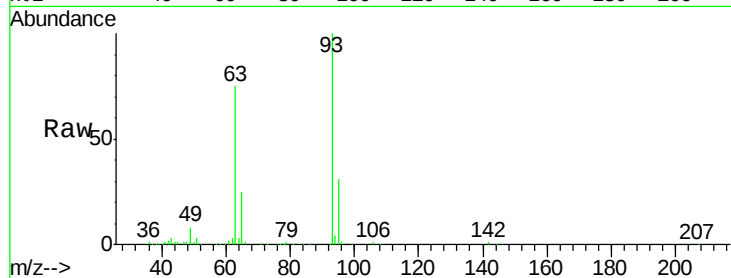
#11
bis(2-Chloroethyl)ether
Concen: 40.032 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.1	55.8	95.8
95	30.9	11.6	51.6

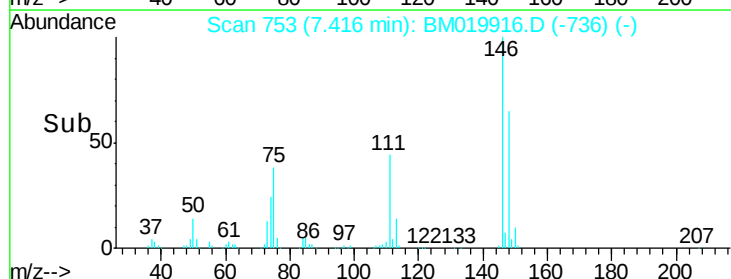
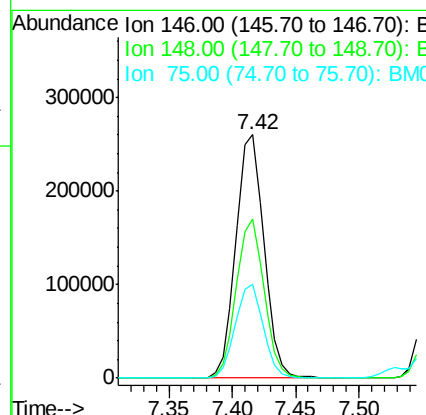
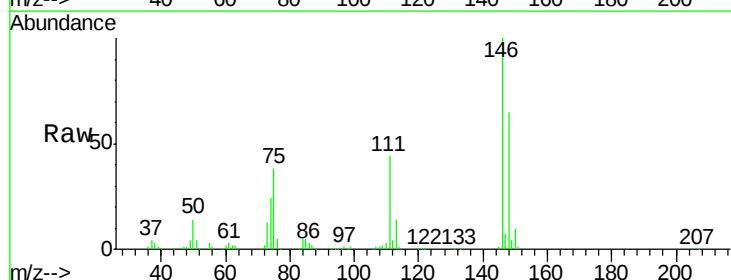
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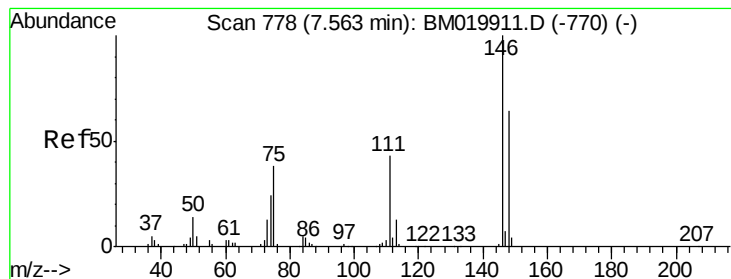
Sohil
4/16/2019 5:25:41 PM



#12
1,3-Dichlorobenzene
Concen: 39.880 ng
RT: 7.42 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	78.8
75	38.4	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 40.273 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

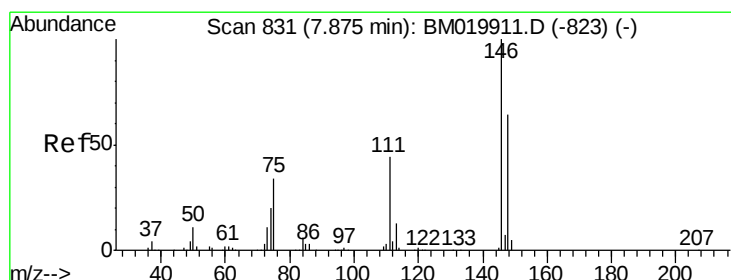
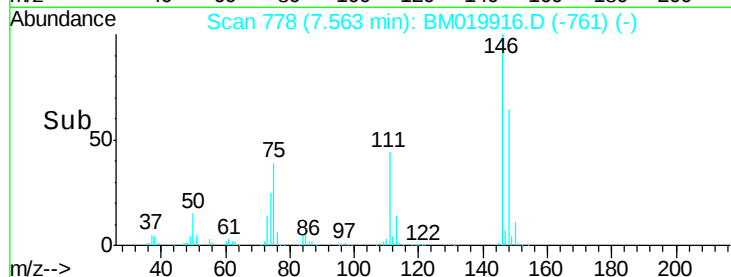
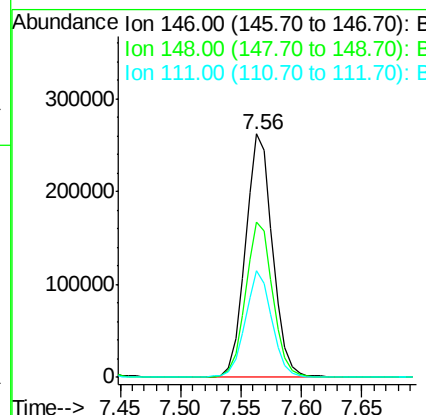
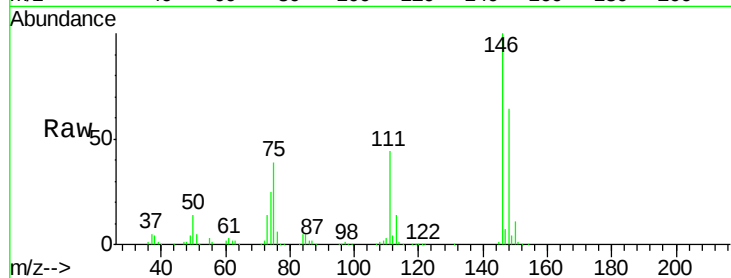
ClientSampleId :

ICVBM041519

Tgt Ion:	146	Resp:	409899
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.1	76.7
111	43.9	34.6	51.8

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#14

1,2-Dichlorobenzene

Concen: 40.010 ng

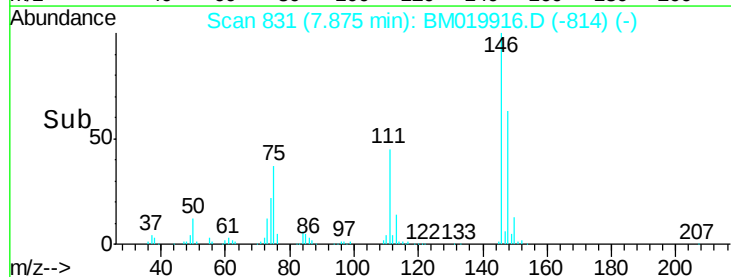
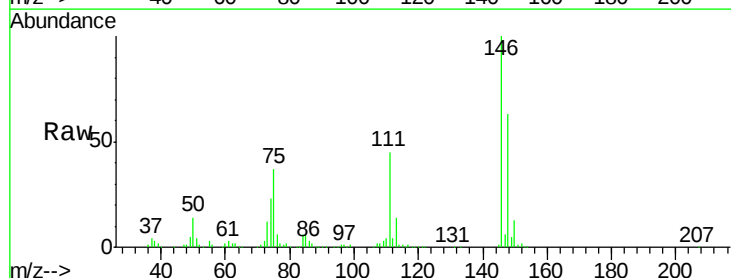
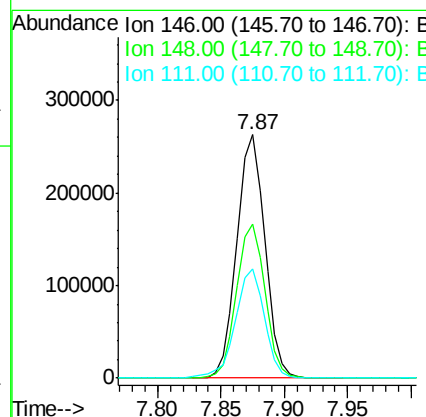
RT: 7.87 min Scan# 831

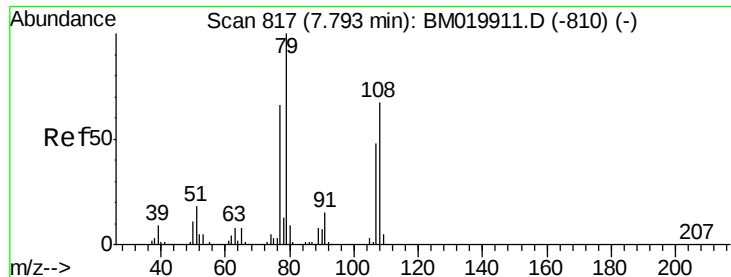
Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion:	146	Resp:	403769
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.2
111	45.1	35.4	53.0





#15

Benzyl Alcohol

Concen: 39.346 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

ClientSampleId :

ICVBM041519

Tgt Ion: 79 Resp: 413576
Ion Ratio Lower Upper

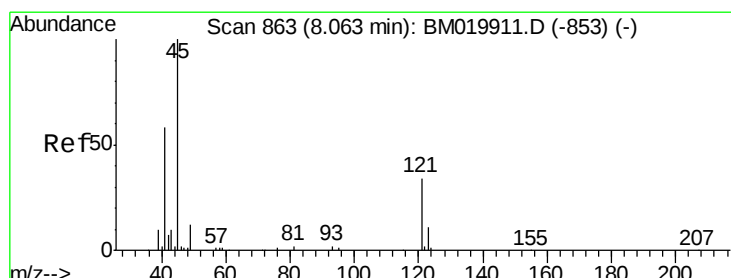
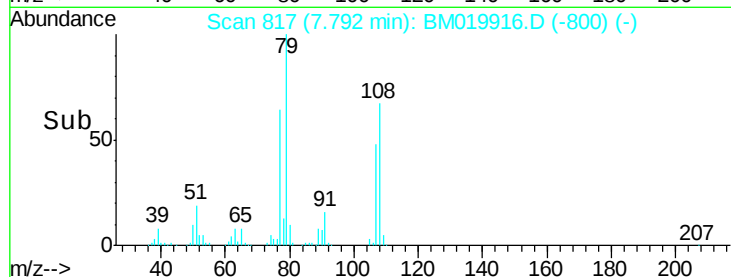
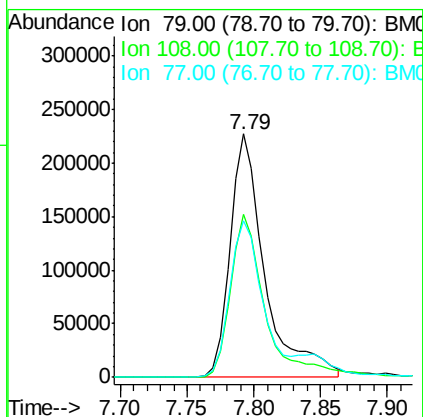
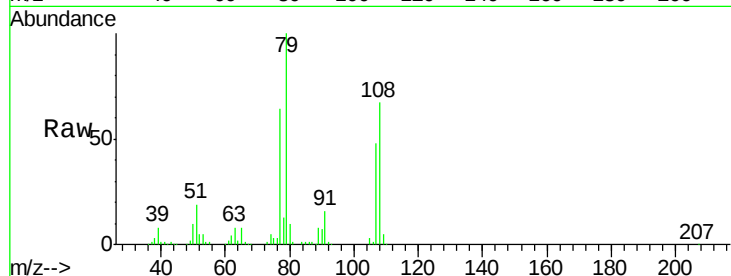
79 100

108 66.9 53.9 80.9

77 64.3 53.1 79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.449 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM019916.D

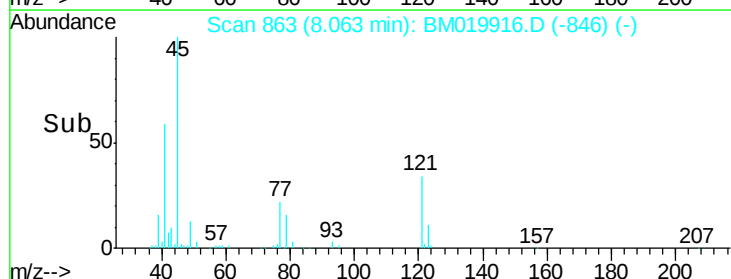
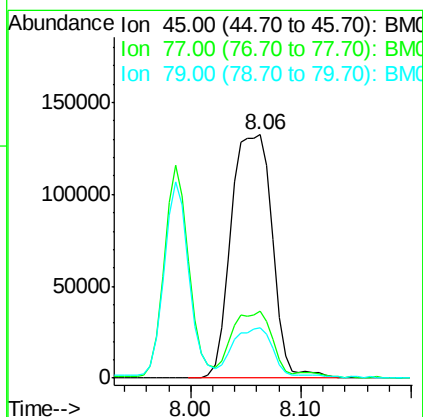
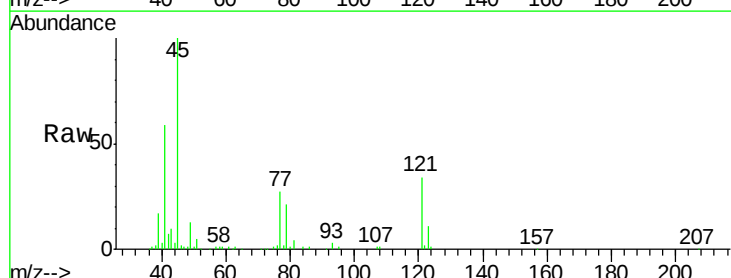
Acq: 15 Apr 2019 16:45

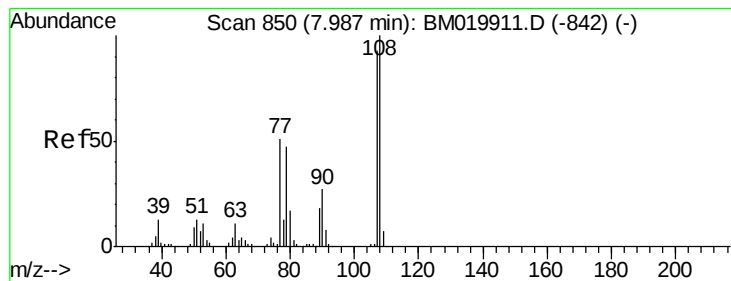
Tgt Ion: 45 Resp: 347581
Ion Ratio Lower Upper

45 100

77 27.3 7.2 47.2

79 20.9 1.2 41.2





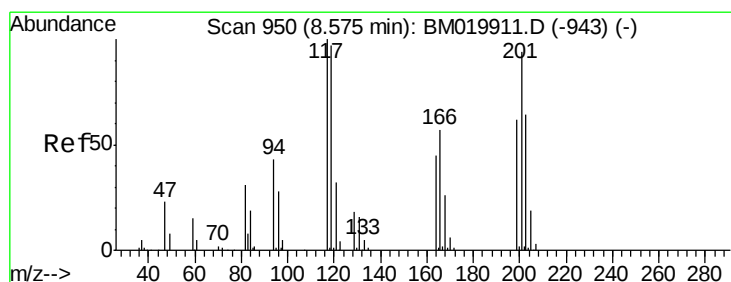
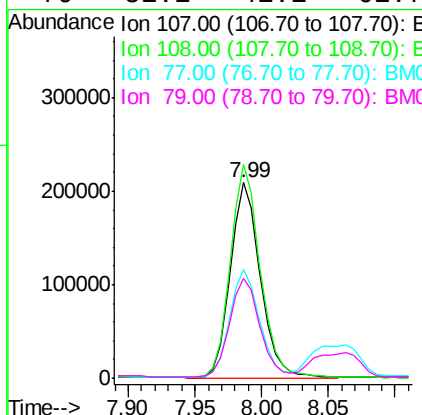
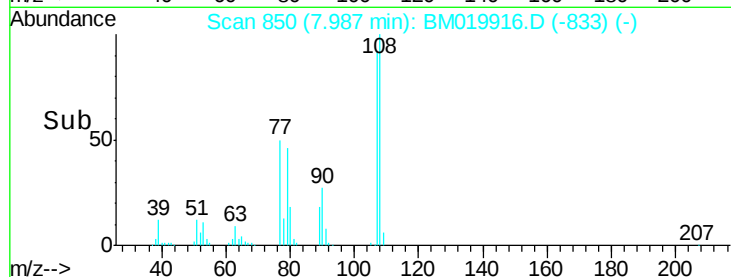
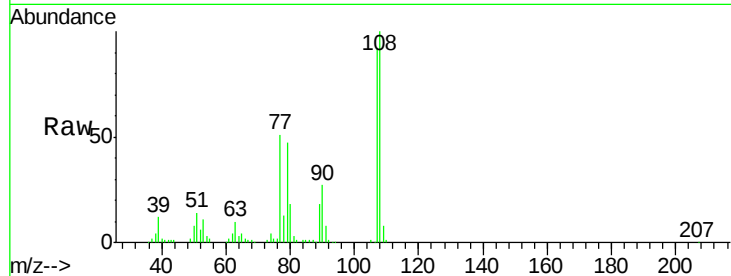
#17
2-Methylphenol
Concen: 38.987 ng
RT: 7.99 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	325959		
108	109.2	85.9	128.9	
77	55.4	43.8	65.6	
79	51.1	41.1	61.7	

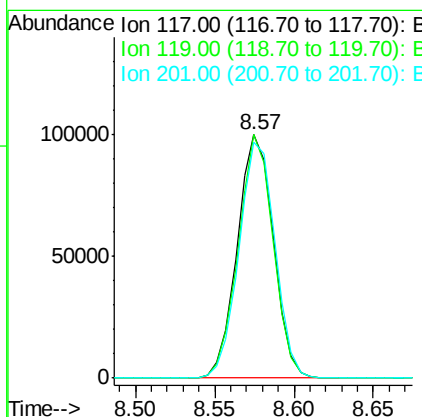
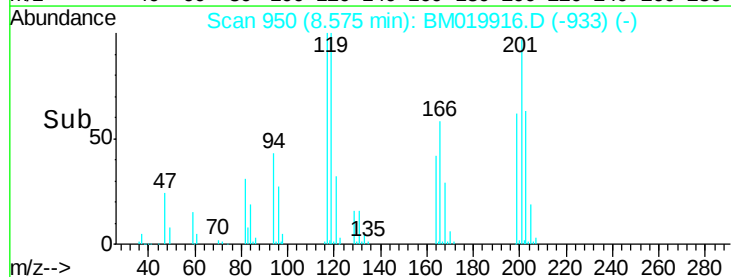
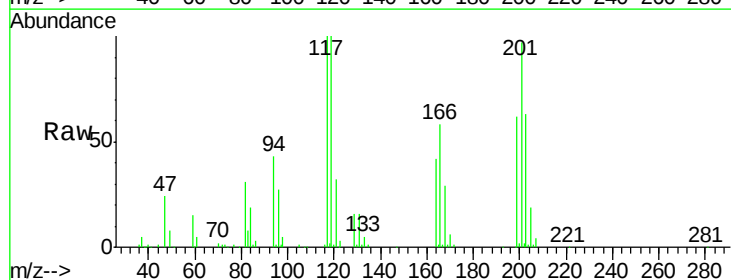
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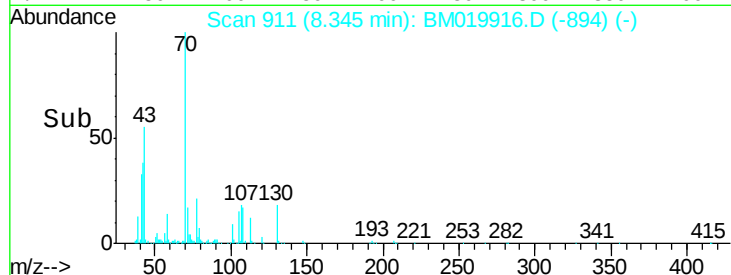
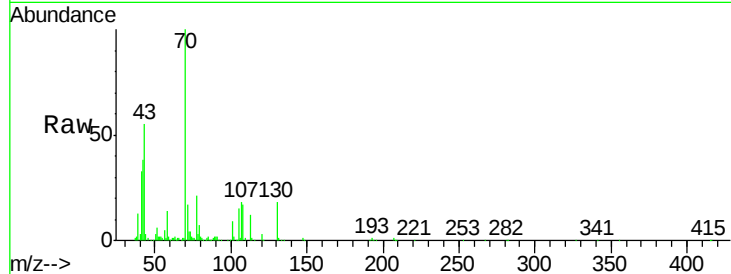
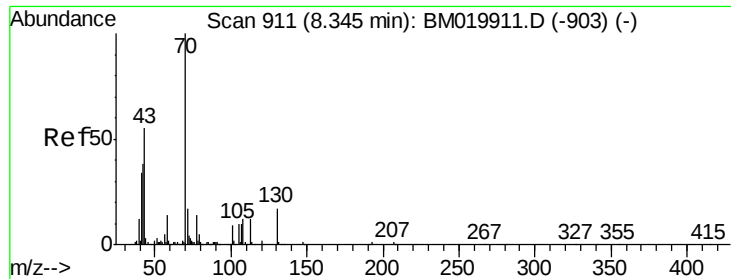
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#18
Hexachloroethane
Concen: 39.874 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	157754		
119	100.1	77.6	116.4	
201	97.1	75.4	113.2	





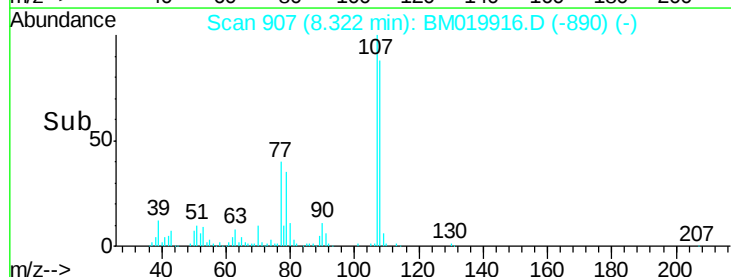
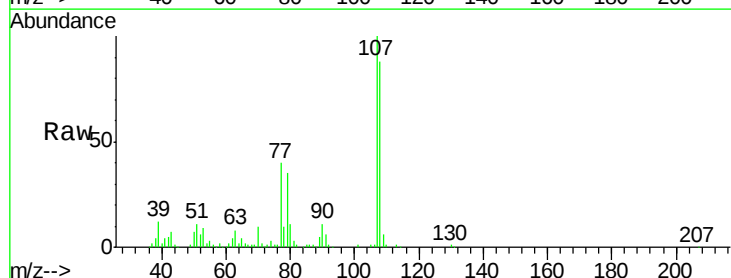
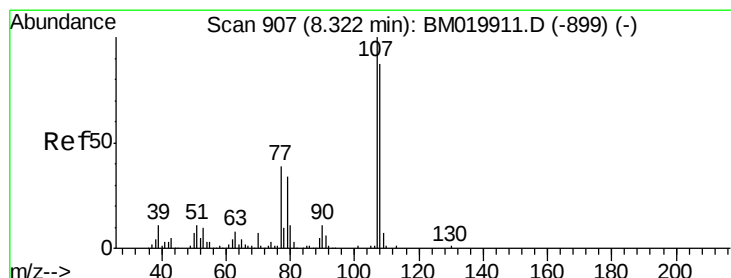
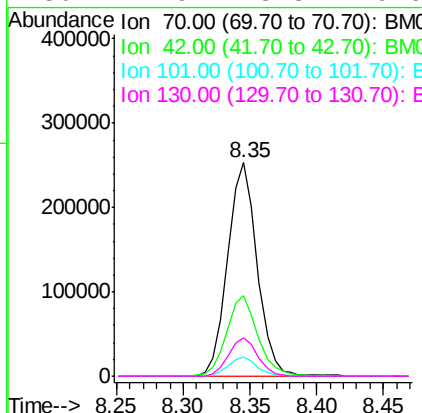
#19
n-Nitroso-di-n-propylamine
Concen: 38.676 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.0	30.3	45.5
101	8.8	6.9	10.3
130	17.9	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

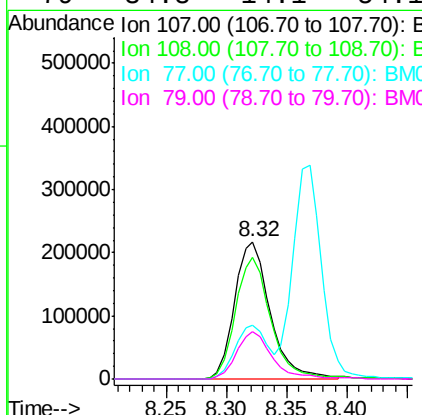
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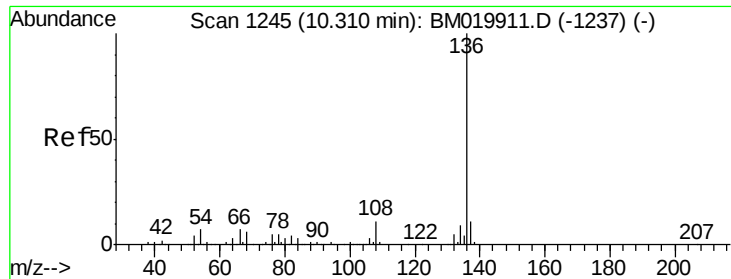
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#20
3+4-Methylphenols
Concen: 38.995 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.4	107.4
77	39.6	19.7	59.7
79	34.8	14.1	54.1





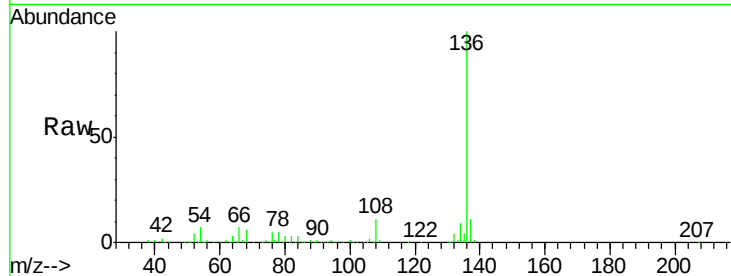
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

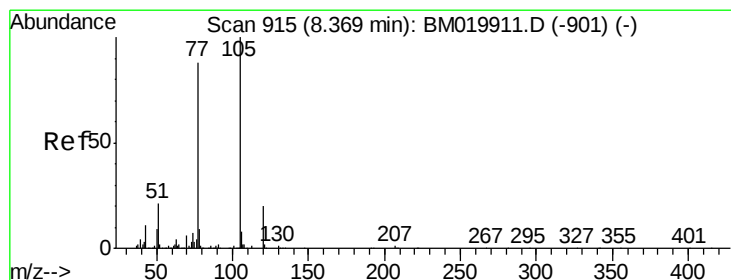
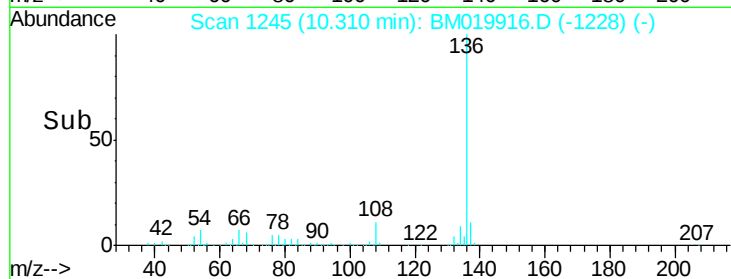
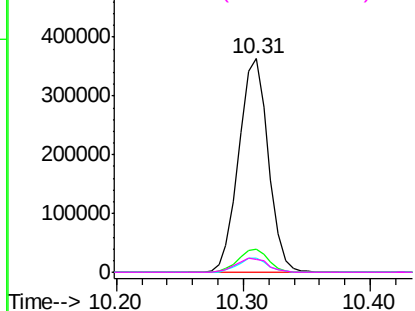
Tgt	Ion	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	6.6	5.3	7.9	
68	6.2	5.2	7.8	

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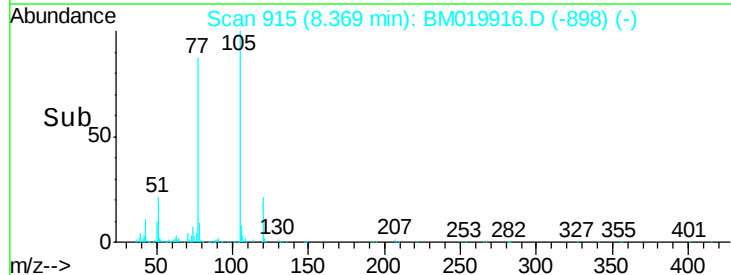
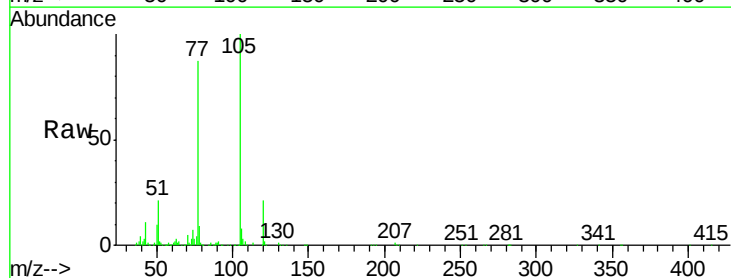
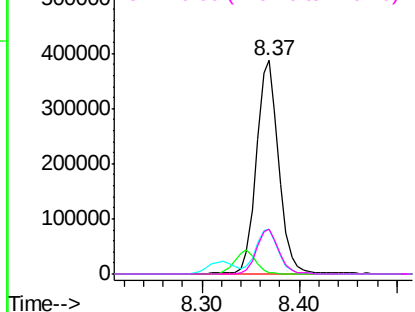
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

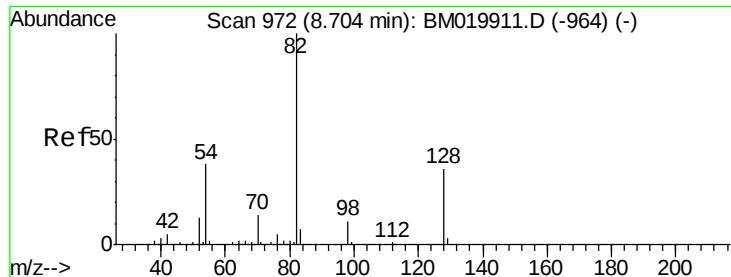


#22
Acetophenone
Concen: 39.138 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt	Ion	Resp	Lower	Upper
105	100			
71	0.8	0.8	1.2#	
51	20.9	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: 79.191 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

ClientSampleId :

ICVBM041519

Tgt Ion: 82 Resp: 1040549

Ion Ratio Lower Upper

82 100

128 37.0 29.0 43.4

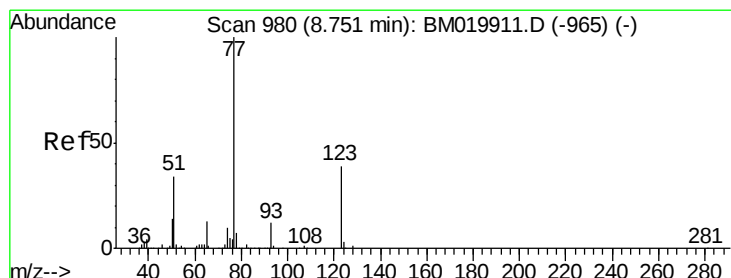
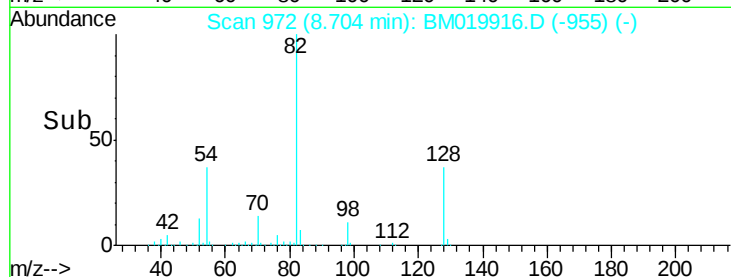
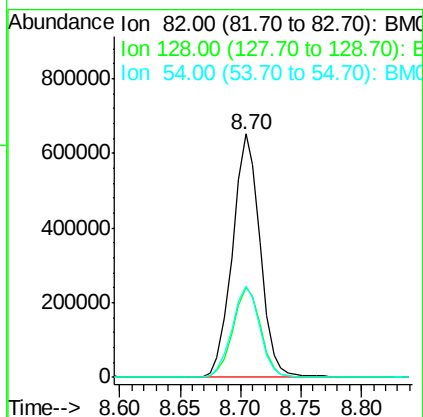
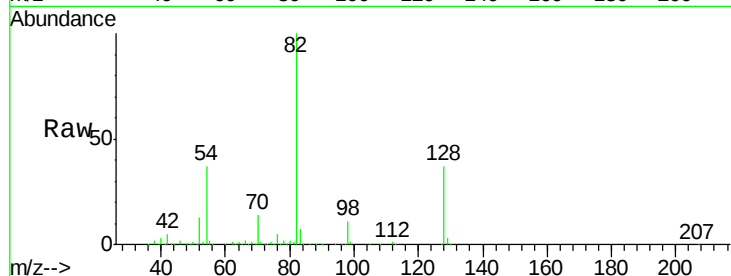
54 37.3 30.2 45.4

Manual Integrations

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#24

Nitrobenzene

Concen: 39.544 ng

RT: 8.75 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

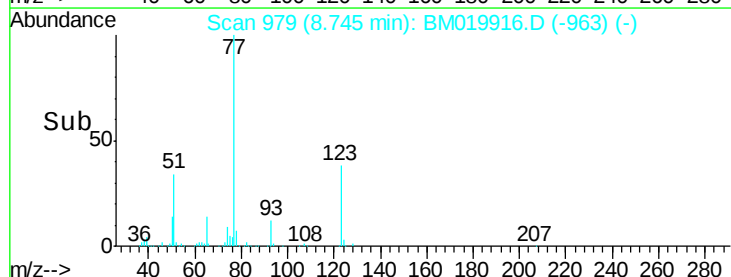
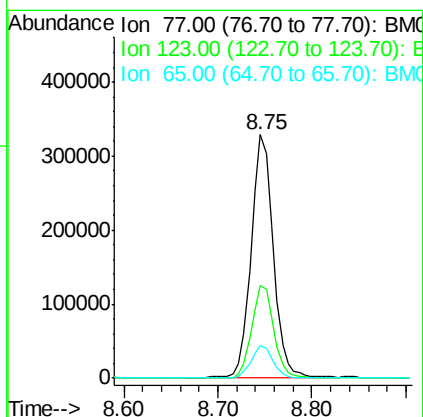
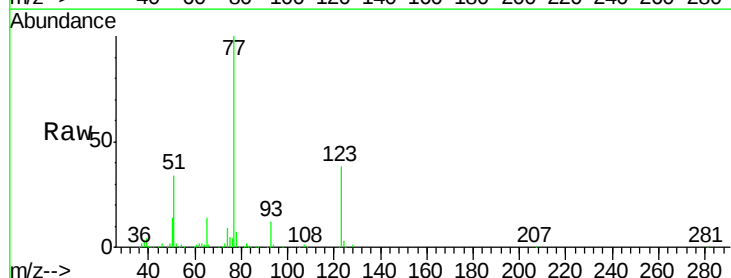
Tgt Ion: 77 Resp: 538256

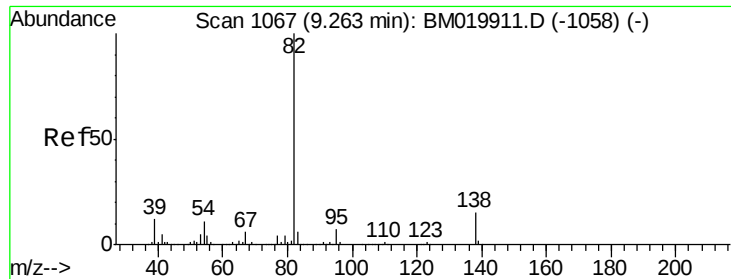
Ion Ratio Lower Upper

77 100

123 38.2 31.0 46.4

65 13.5 10.6 16.0





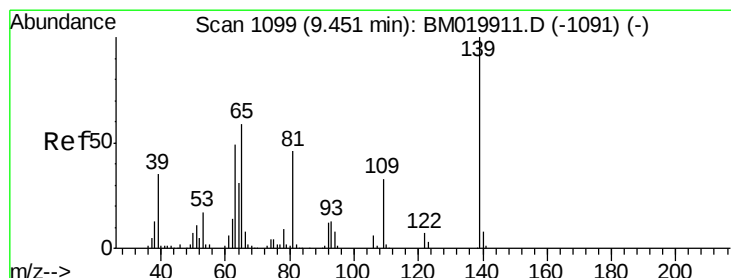
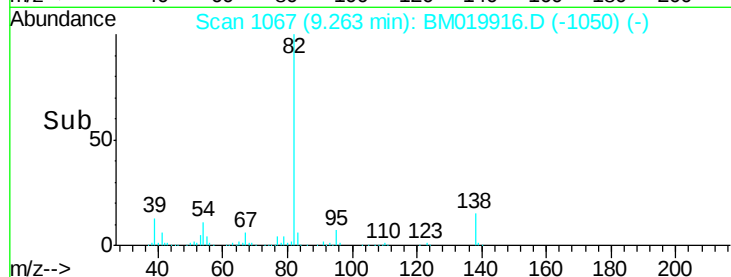
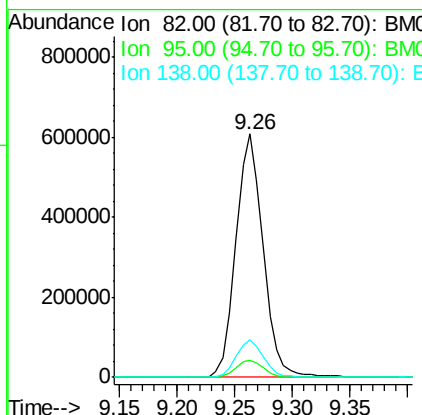
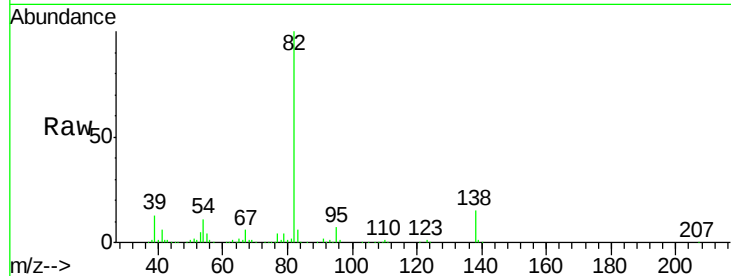
#25
Isophorone
Concen: 38.884 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	994575		
95	7.2		5.5	8.3
138	15.5		12.2	18.2

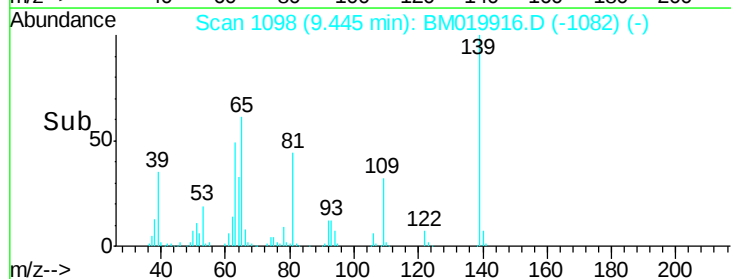
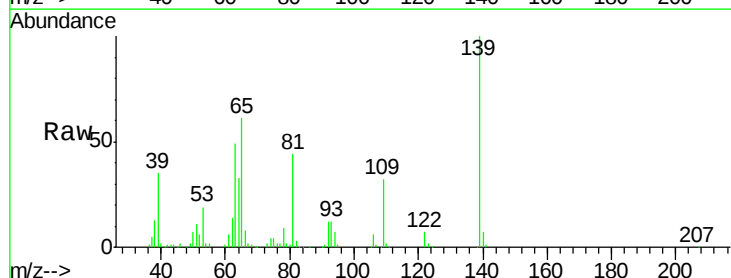
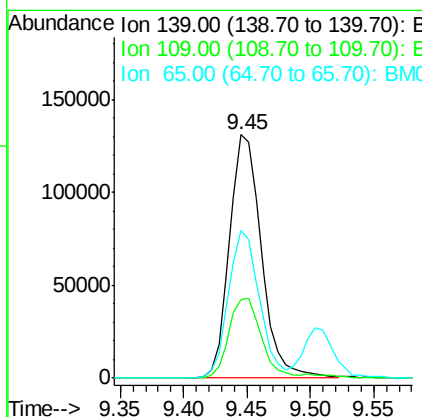
Manual Integrations
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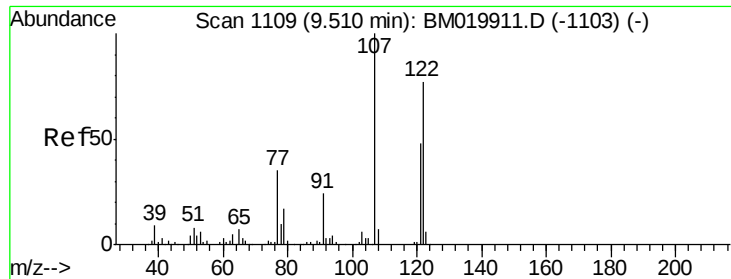
Sohil
4/16/2019 5:25:41 PM



#26
2-Nitrophenol
Concen: 39.542 ng
RT: 9.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	229365		
109	32.5		26.3	39.5
65	60.7		47.4	71.2





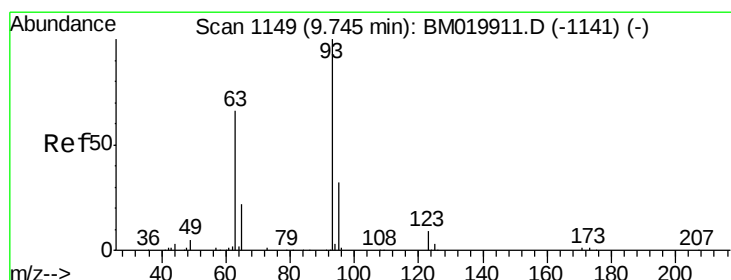
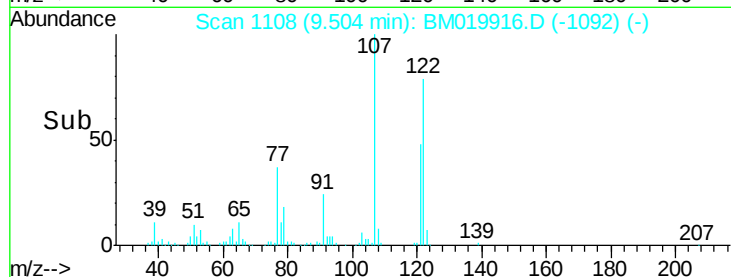
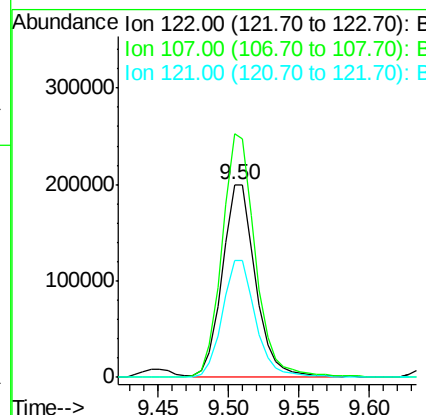
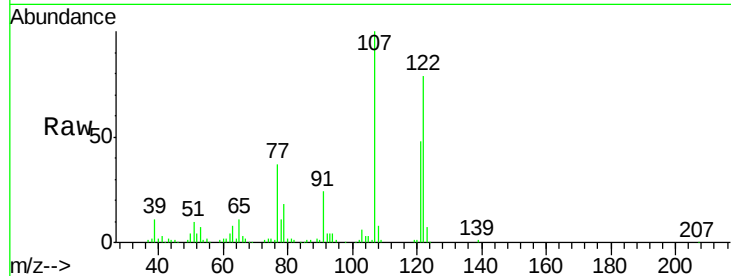
#27
2,4-Dimethylphenol
Concen: 39.536 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.3	103.1	154.7
121	60.5	49.8	74.8

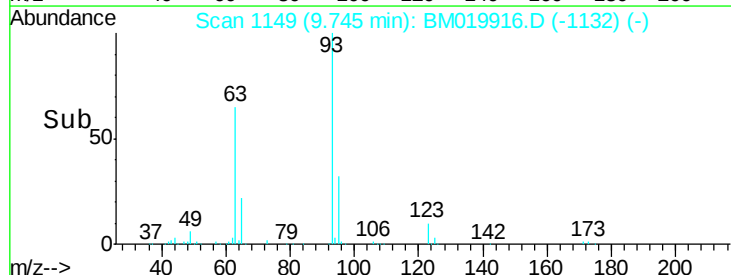
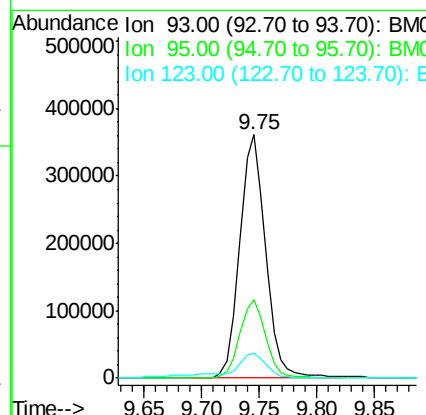
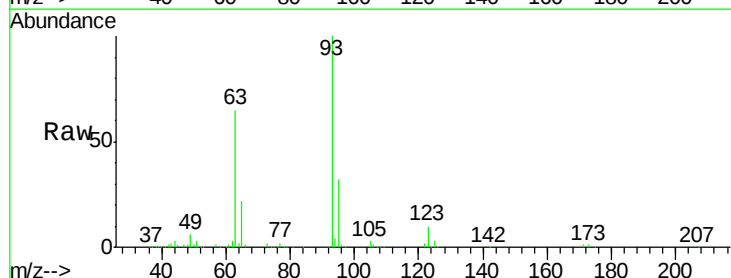
Manual Integrations
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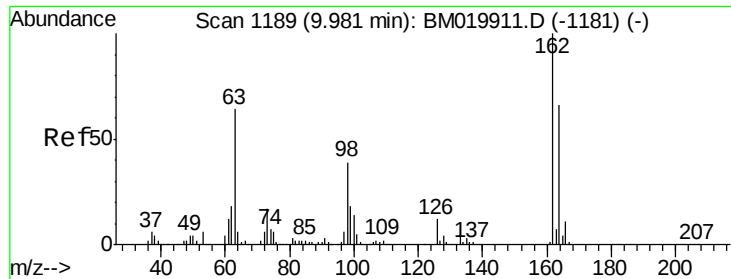
Sohil
4/16/2019 5:25:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.007 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	10.2	8.2	12.2





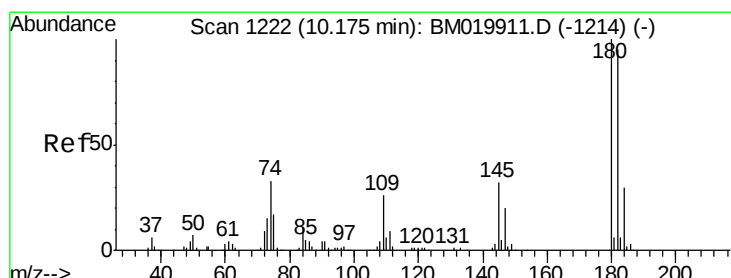
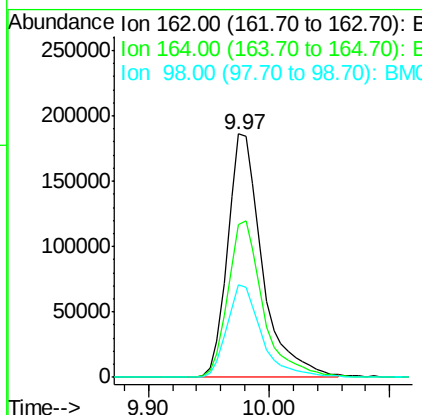
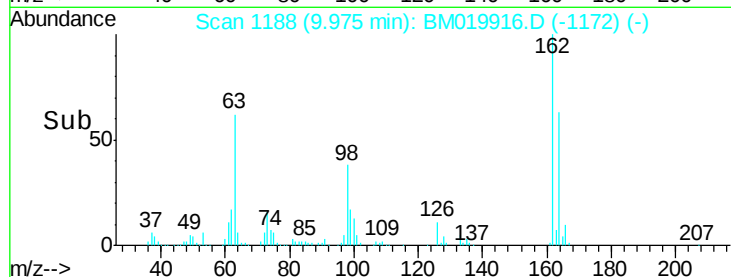
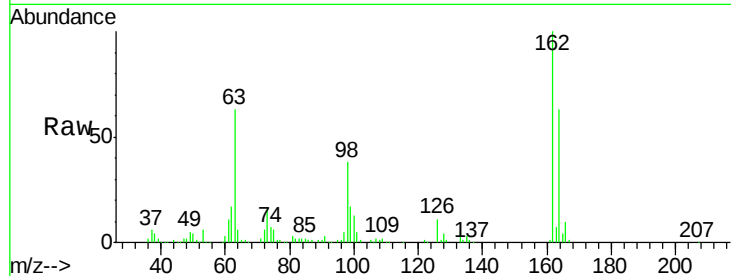
#29
2,4-Dichlorophenol
Concen: 39.952 ng
RT: 9.97 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	372143		
164	62.9	46.3	86.3	
98	38.1	19.2	59.2	

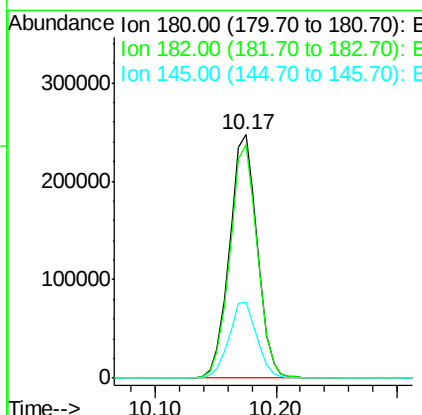
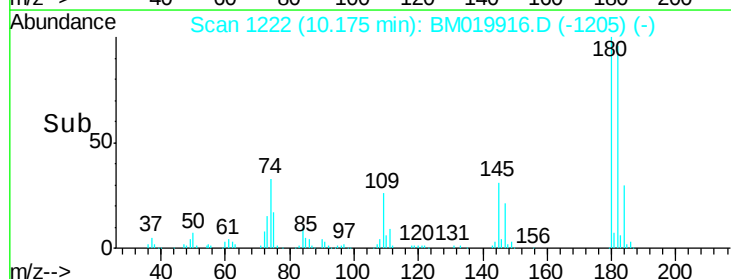
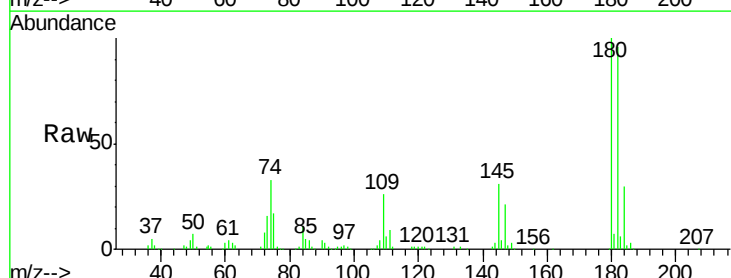
Manual Integrations
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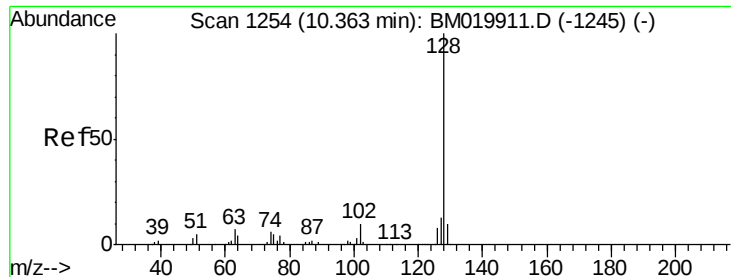
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#30
1,2,4-Trichlorobenzene
Concen: 39.476 ng
RT: 10.17 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	395770		
182	96.1	76.3	114.5	
145	31.4	25.5	38.3	





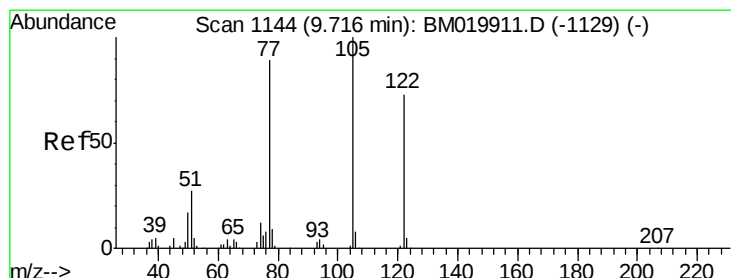
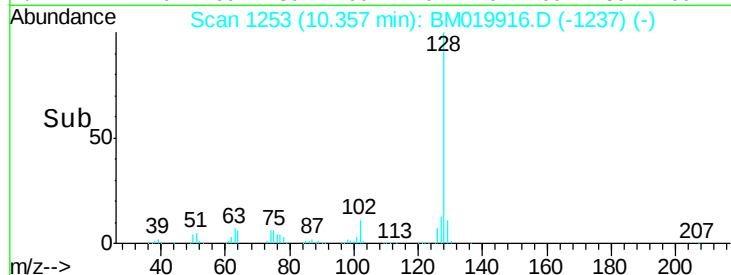
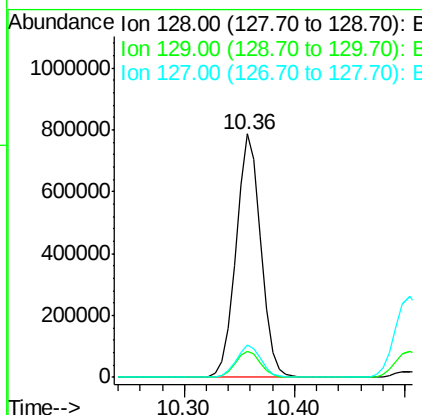
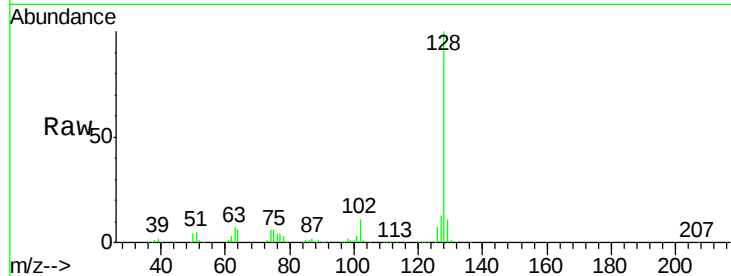
#31
Naphthalene
Concen: 39.312 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampled :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.1	10.4	15.6

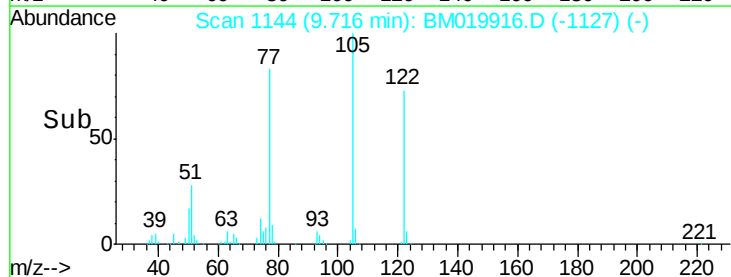
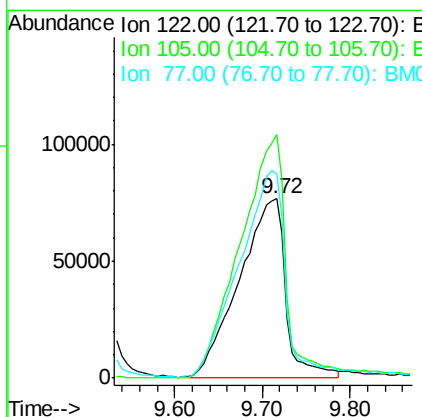
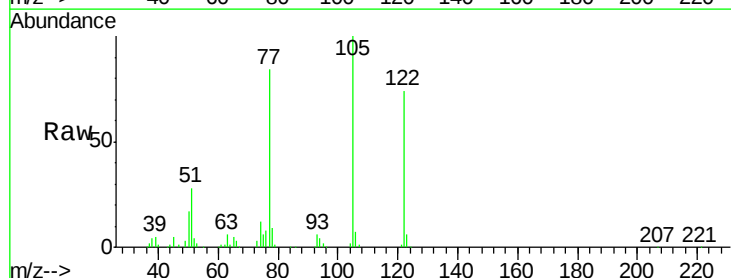
Manual Integrations
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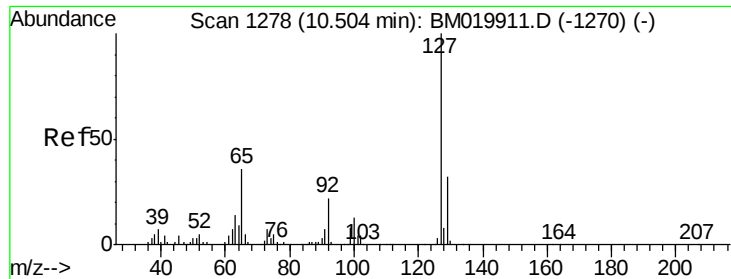
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#32
Benzoic acid
Concen: 37.507 ng m
RT: 9.72 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	114.8	154.8
77	113.6	100.2	140.2





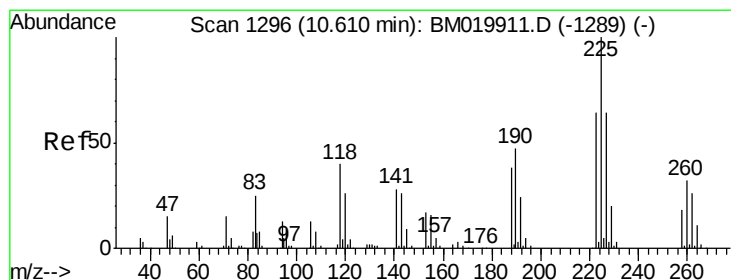
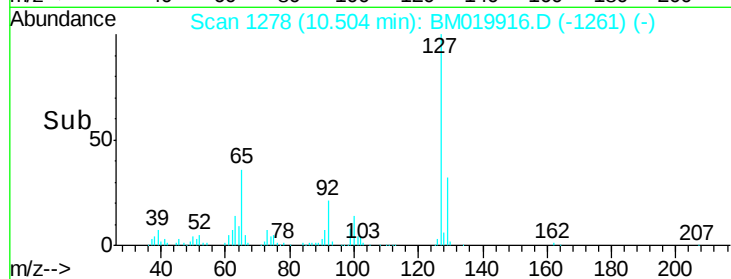
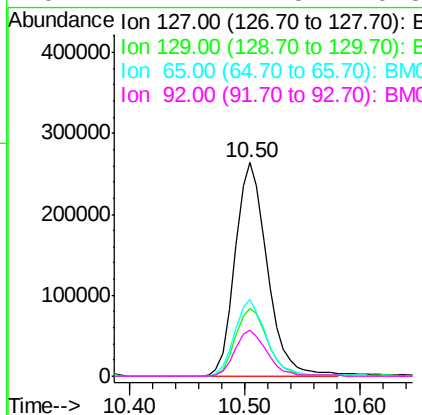
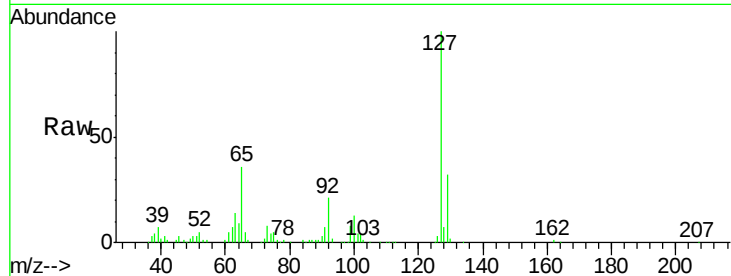
#33
4-Chloroaniline
Concen: 39.335 ng
RT: 10.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	510743		
129	32.0	25.4	38.0	
65	35.9	29.2	43.8	
92	21.4	17.5	26.3	

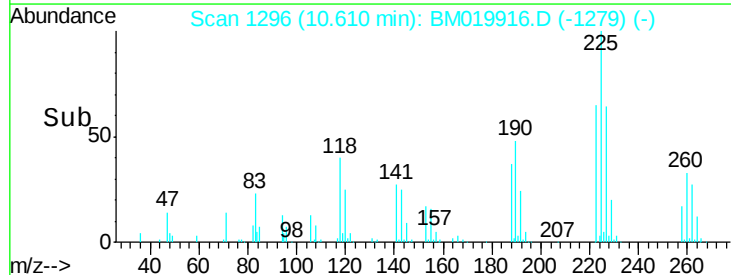
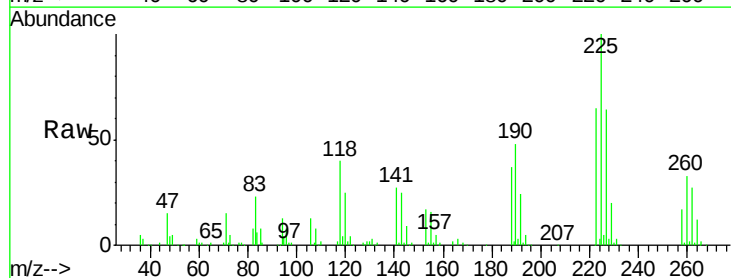
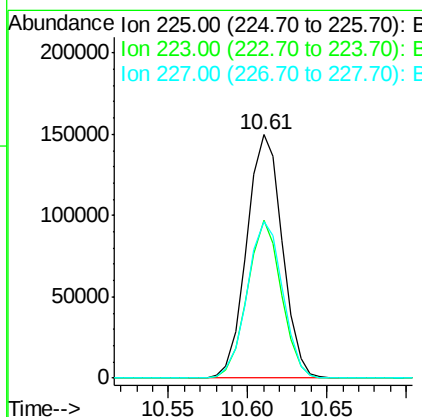
Manual Integrations
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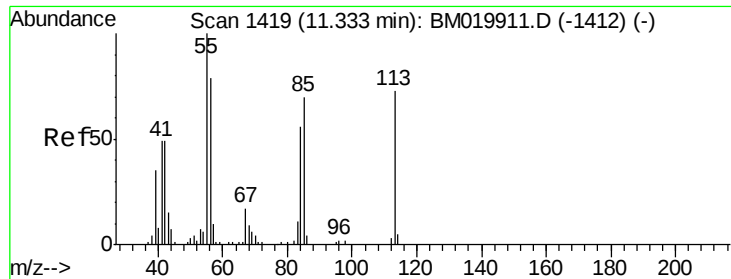
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#34
Hexachlorobutadiene
Concen: 39.457 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233304		
223	64.6	51.4	77.2	
227	64.3	51.0	76.6	





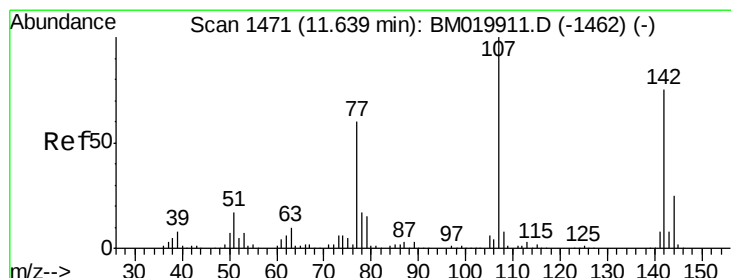
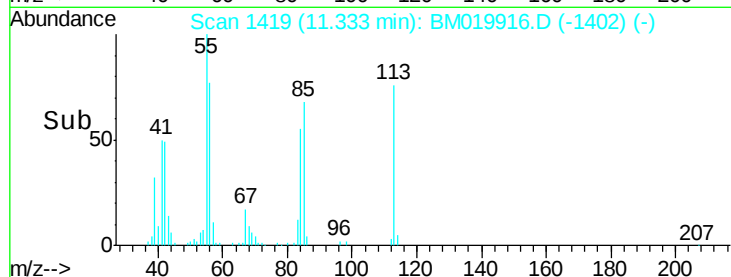
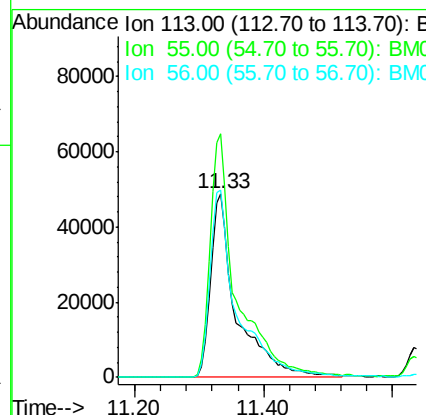
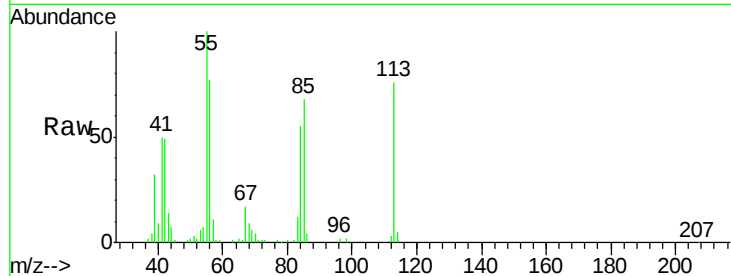
#35
 Caprolactam
 Concen: 38.460 ng m
 RT: 11.33 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt Ion	Ratio	Lower	Upper
113	100		
55	132.3	117.1	157.1
56	101.9	88.2	128.2

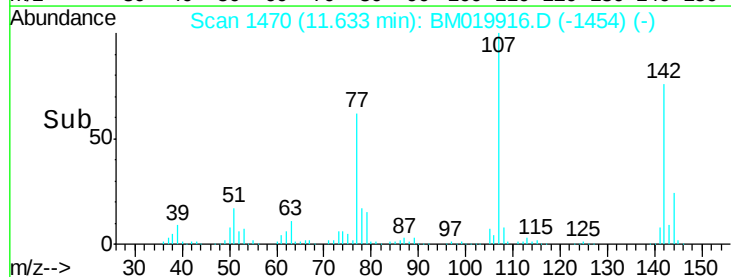
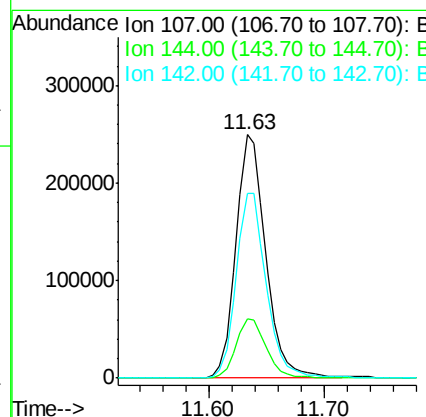
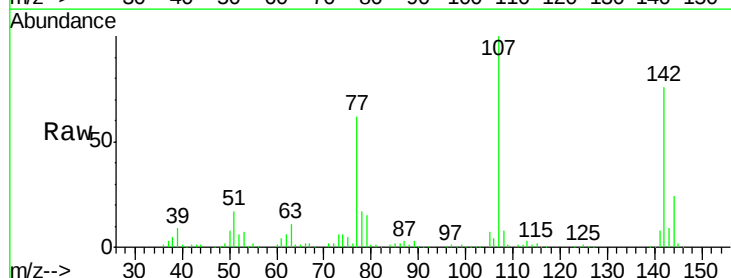
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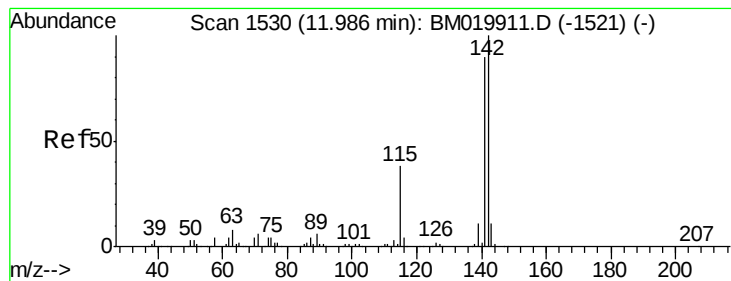
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#36
 4-Chloro-3-methylphenol
 Concen: 38.645 ng
 RT: 11.63 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.8	29.8
142	75.9	60.3	90.5





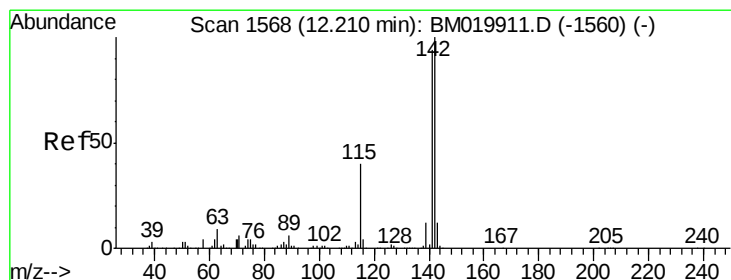
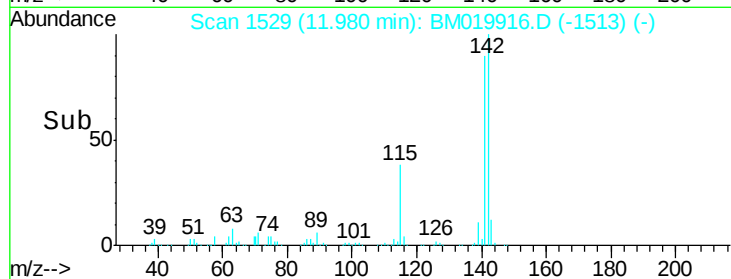
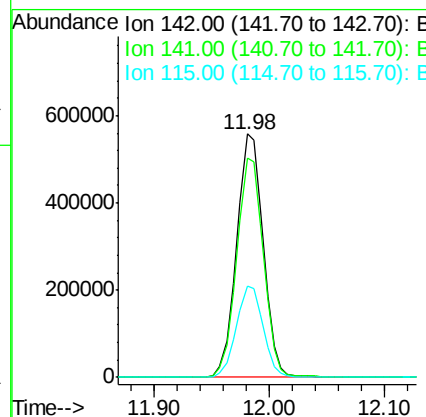
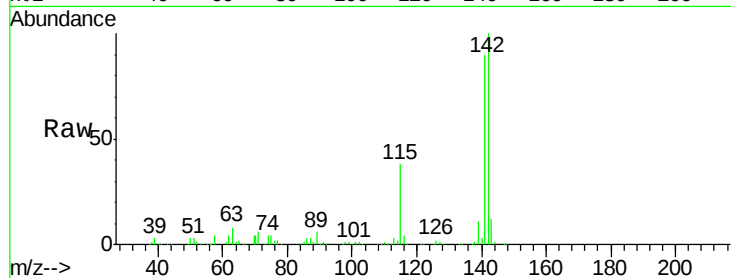
#37
 2-Methylnaphthalene
 Concen: 38.803 ng
 RT: 11.98 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	890383		
141	90.1	72.3	108.5	
115	37.6	30.5	45.7	

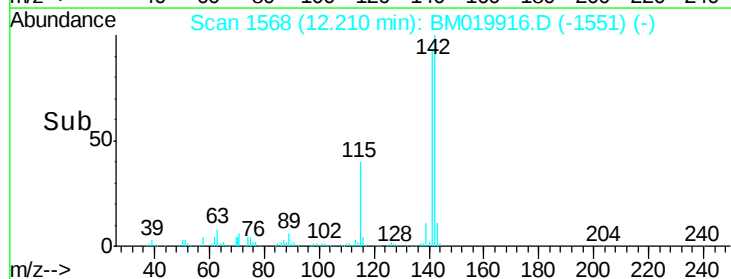
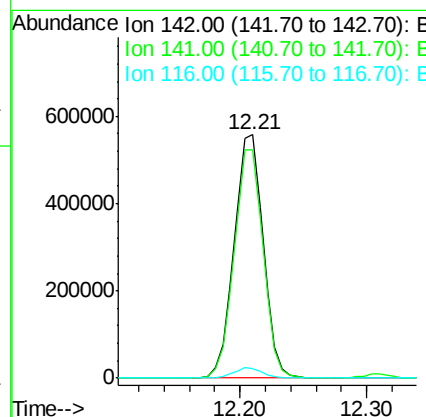
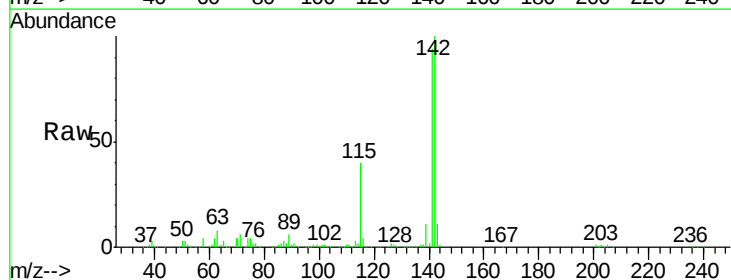
Manual Integrations
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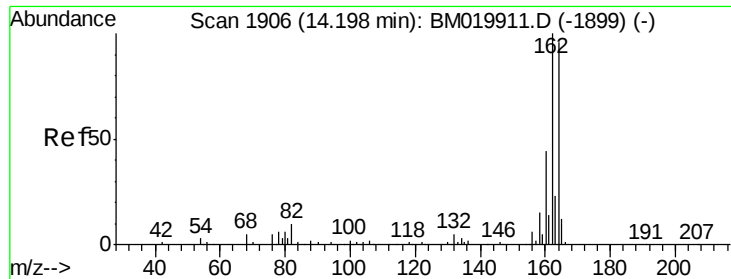
Sohil
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#38
 1-Methylnaphthalene
 Concen: 38.910 ng
 RT: 12.21 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	881578		
141	93.5	75.7	113.5	
116	3.8	3.4	5.2	





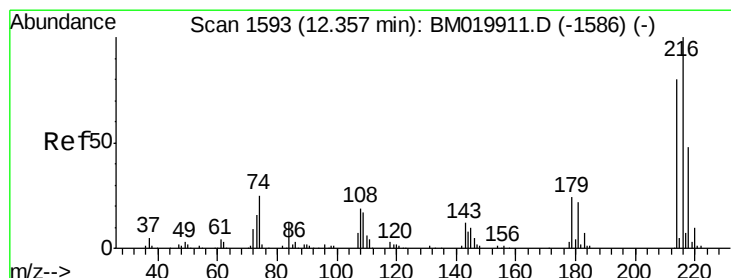
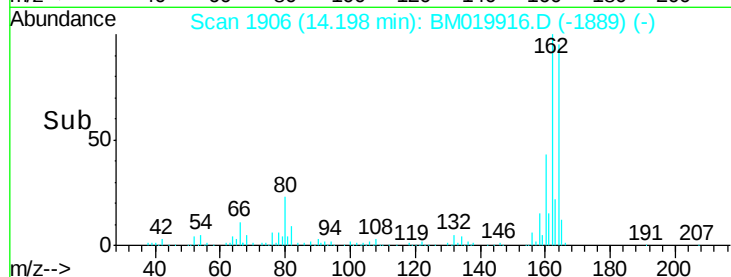
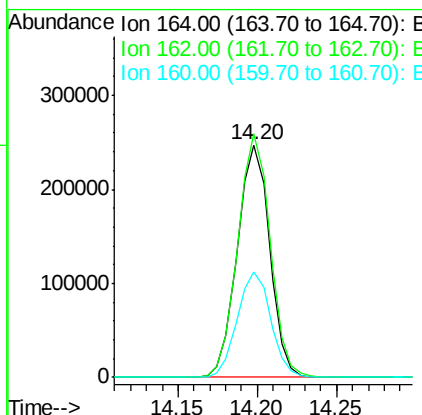
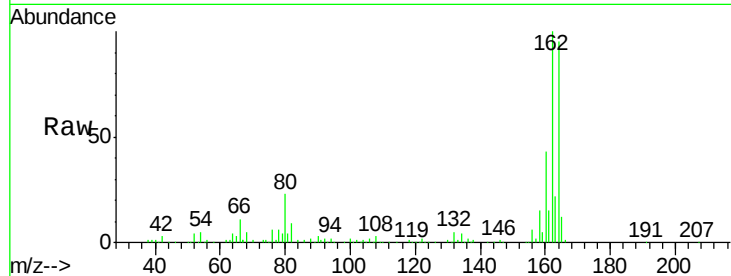
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	349955		
162	104.8	83.0	124.4	
160	45.2	36.6	55.0	

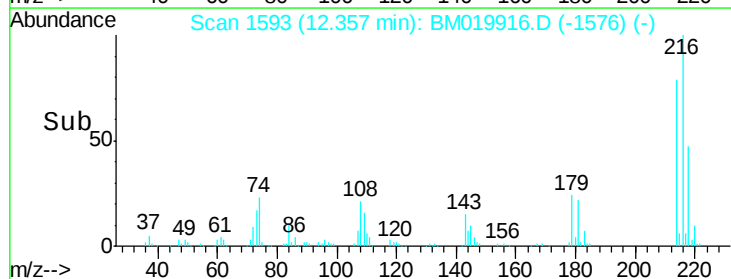
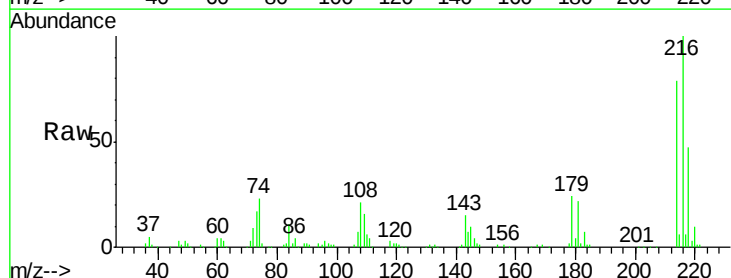
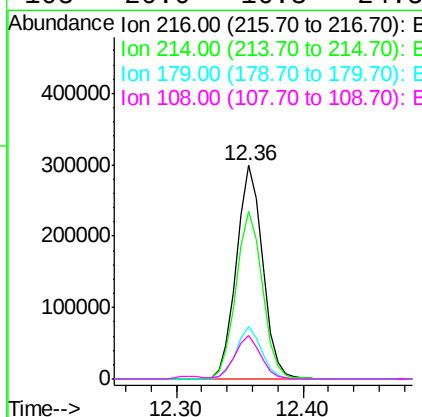
Manual Integrations
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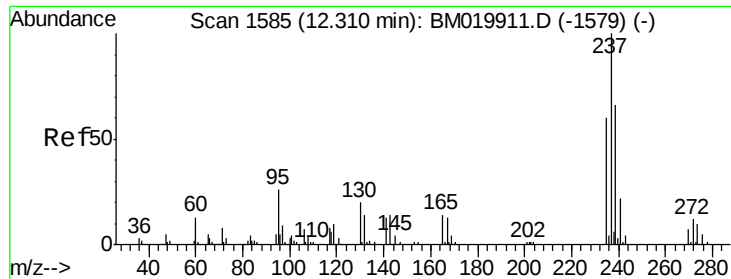
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.738 ng
RT: 12.36 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	429008		
214	79.1	63.1	94.7	
179	23.6	19.0	28.6	
108	20.0	16.3	24.5	





#41

Hexachlorocyclopentadiene

Concen: 36.580 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

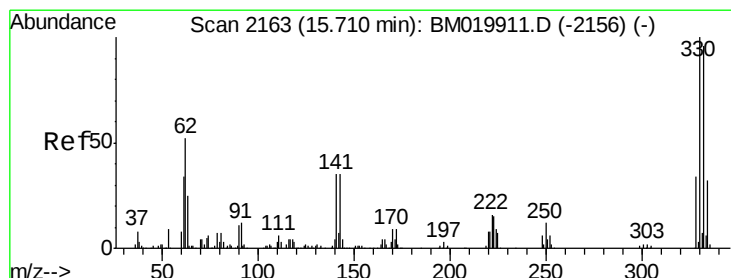
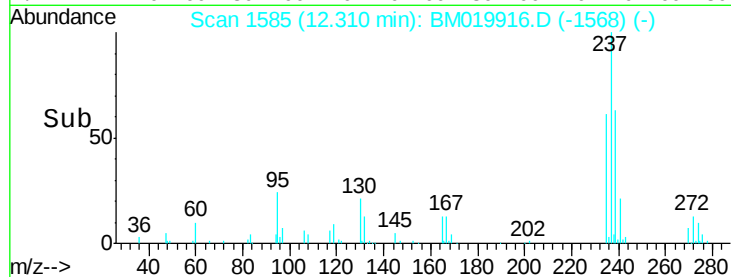
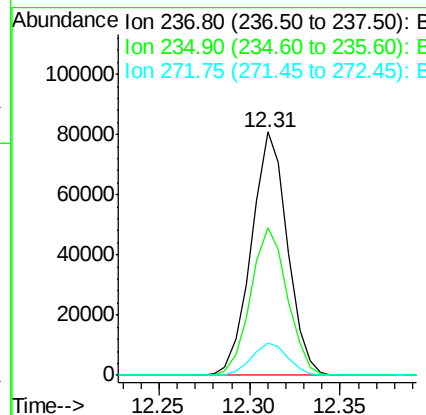
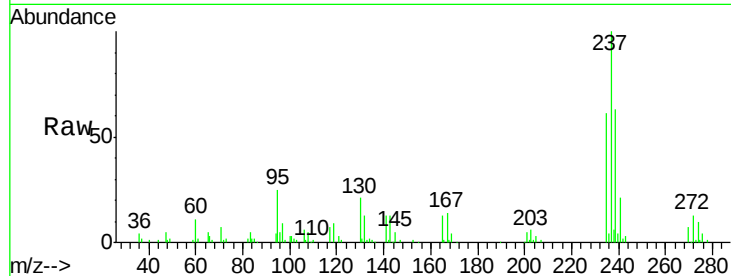
ClientSampled :

ICVBM041519

Tgt Ion:	237	Resp:	111490
Ion Ratio		Lower	Upper
237	100		
235	60.6	40.4	80.4
272	13.4	0.0	32.3

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 76.855 ng

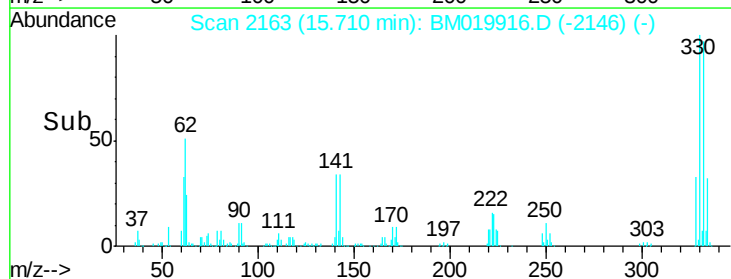
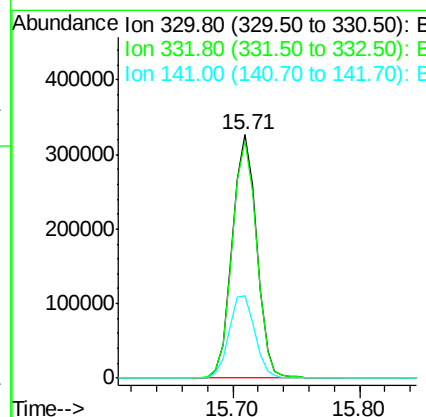
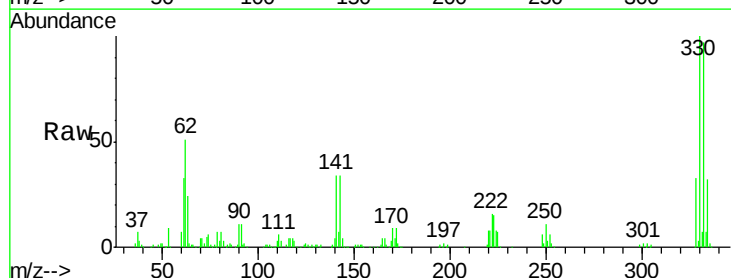
RT: 15.71 min Scan# 2163

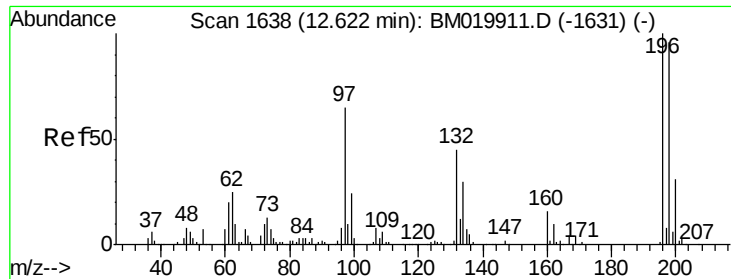
Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion:	330	Resp:	432948
Ion Ratio		Lower	Upper
330	100		
332	97.8	77.4	116.2
141	36.0	29.0	43.4





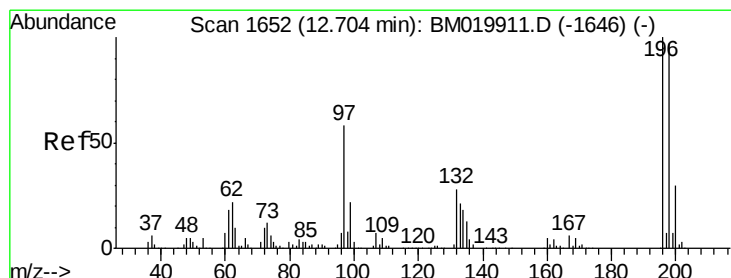
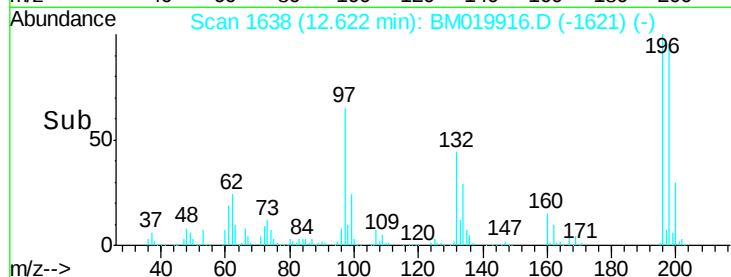
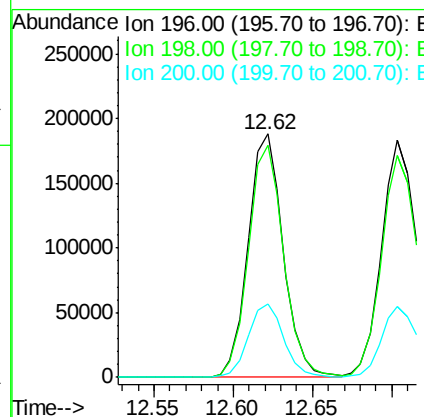
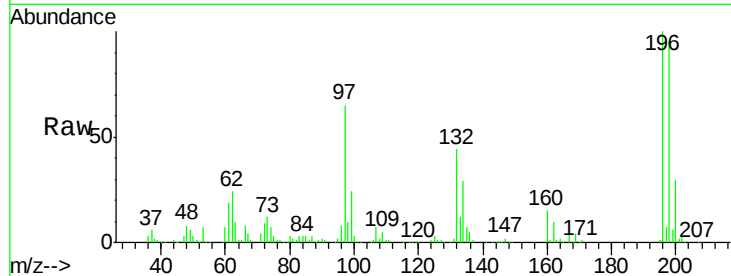
#43
 2,4,6-Trichlorophenol
 Concen: 39.491 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289050		
198	95.4	76.8	115.2	
200	30.3	24.6	37.0	

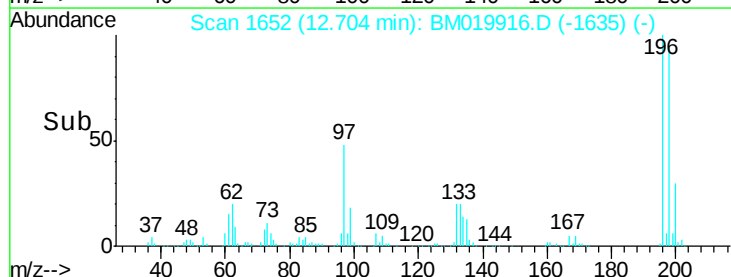
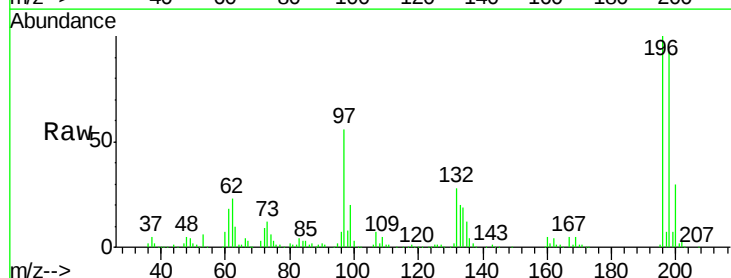
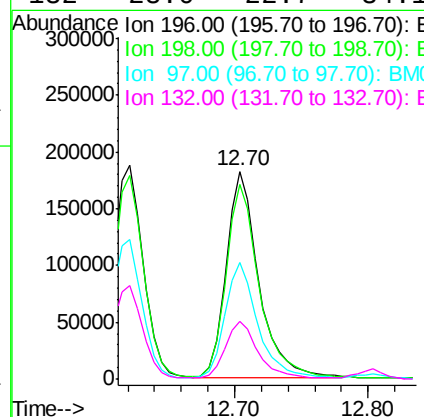
Manual Integrations
 APPROVED

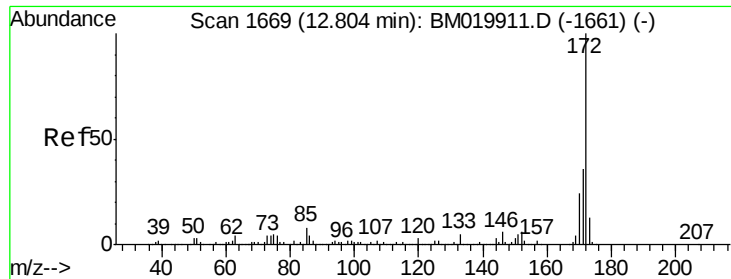
Sohil
 4/16/2019 5:25:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.329 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307221		
198	93.5	77.8	116.8	
97	56.0	46.2	69.2	
132	28.0	22.7	34.1	





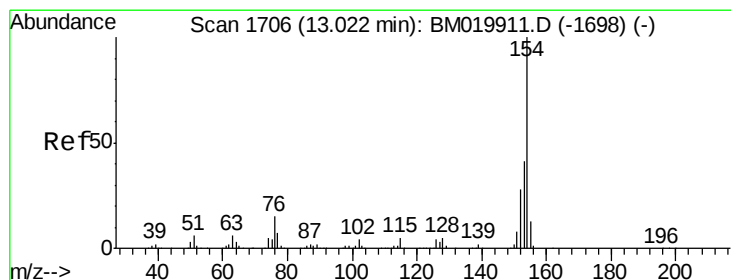
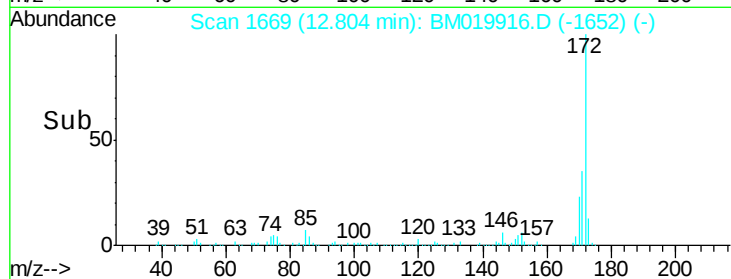
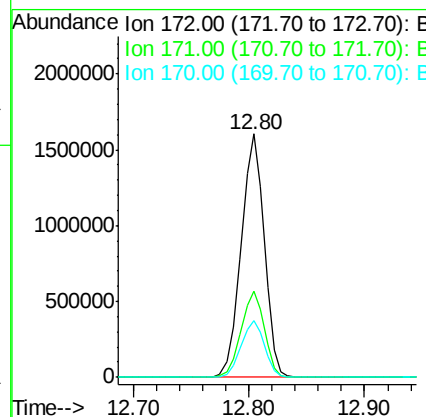
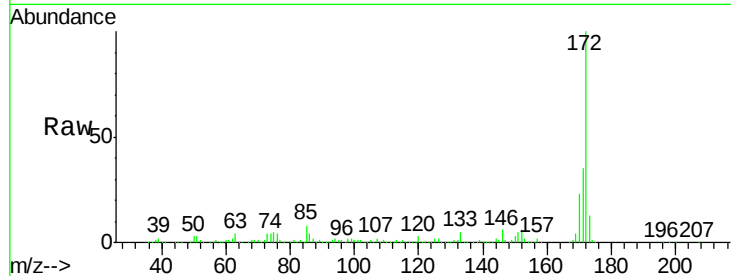
#45
2-Fluorobiphenyl
Concen: 78.833 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.2	19.0	28.4

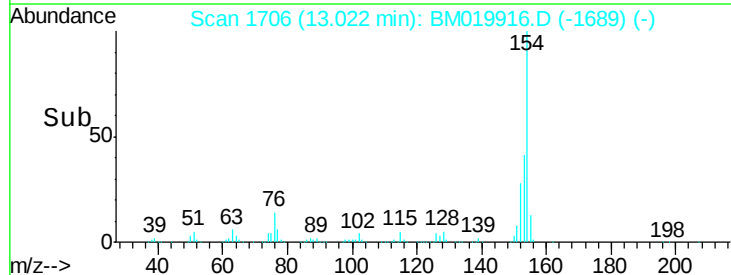
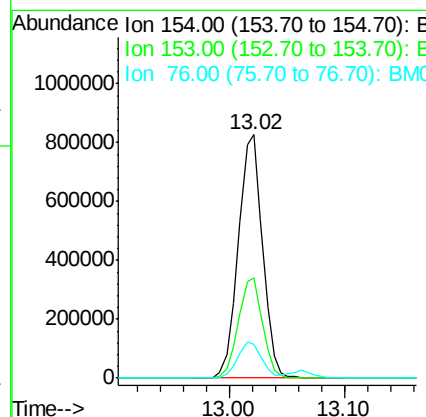
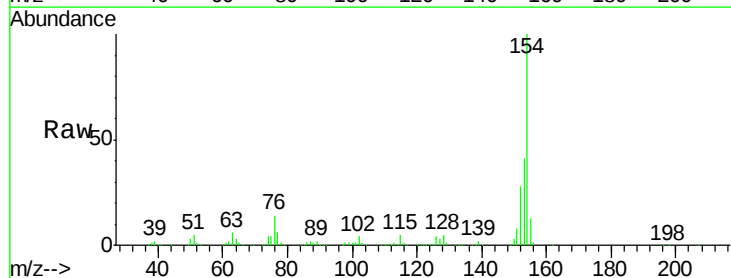
Manual Integrations
APPROVED

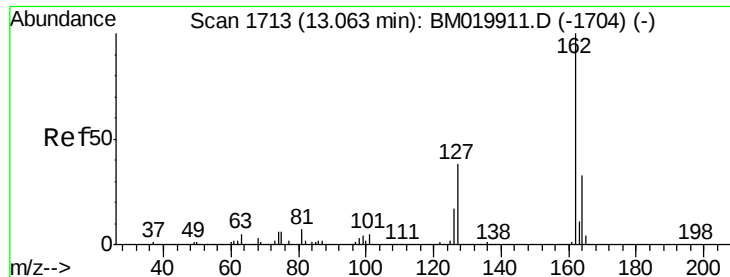
Sohil
4/16/2019 5:25:41 PM



#46
1,1'-Biphenyl
Concen: 39.590 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	14.1	0.0	34.8





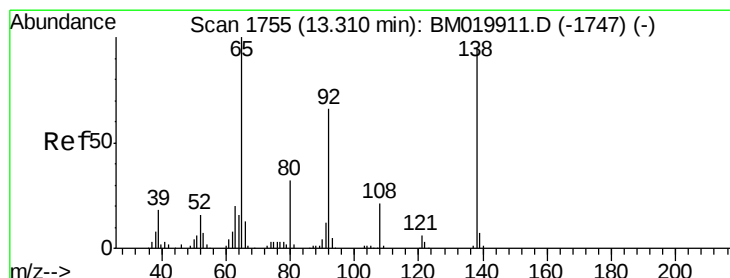
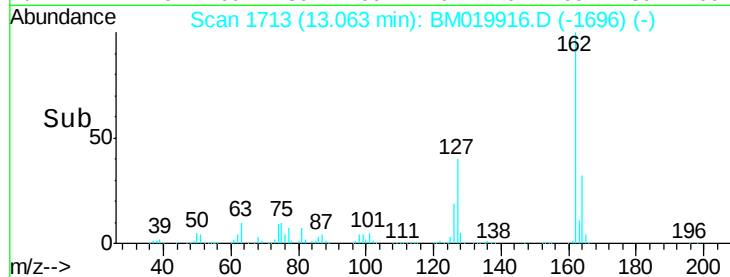
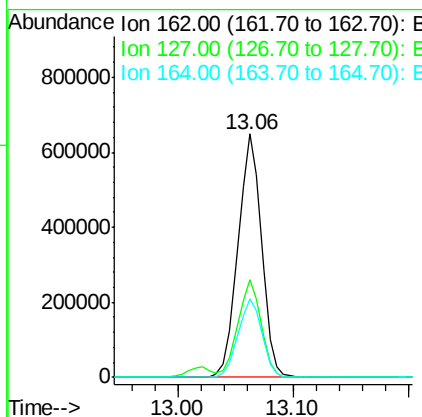
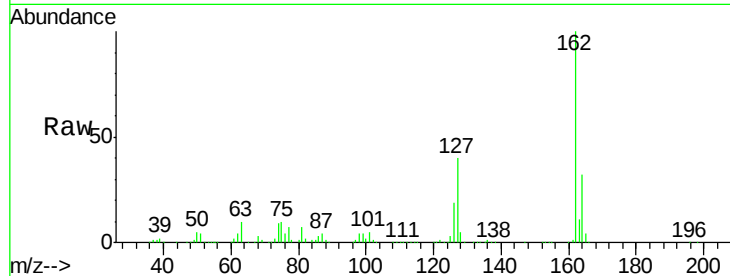
#47
2-Chloronaphthalene
Concen: 39.662 ng
RT: 13.06 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	916995		
127	40.2	32.3	48.5	
164	32.4	26.3	39.5	

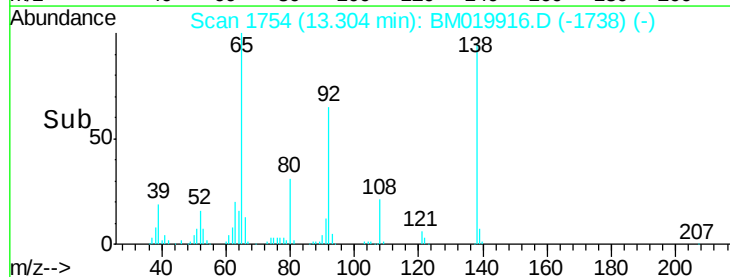
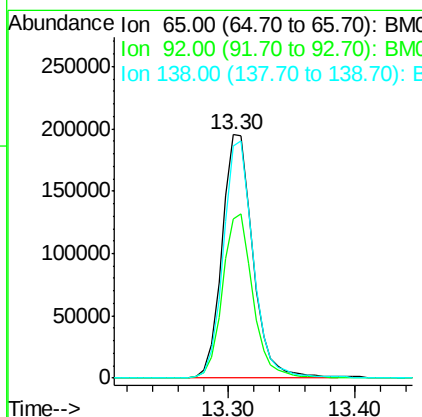
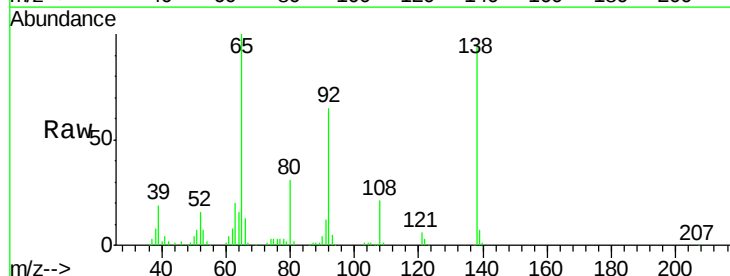
Manual Integrations
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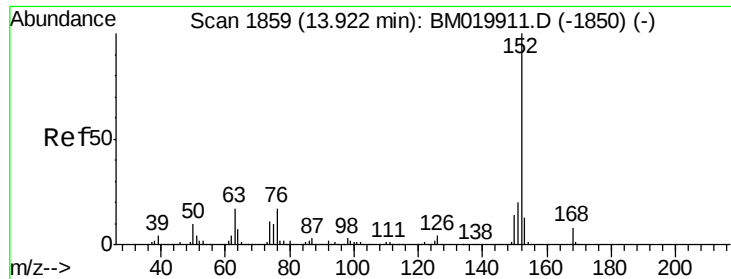
Sohil
4/16/2019 5:25:41 PM



#48
2-Nitroaniline
Concen: 39.448 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	328747		
92	65.2	52.9	79.3	
138	95.2	75.8	113.6	





#49

Acenaphthylene

Concen: 39.441 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

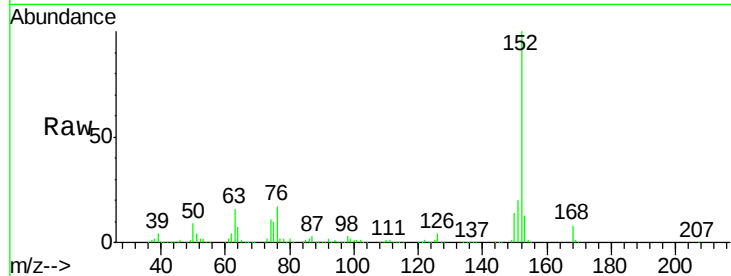
ClientSampled :

ICVBM041519

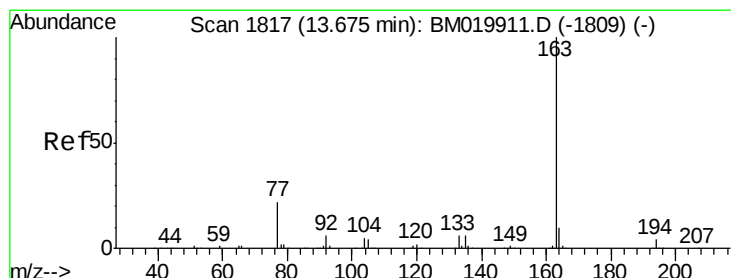
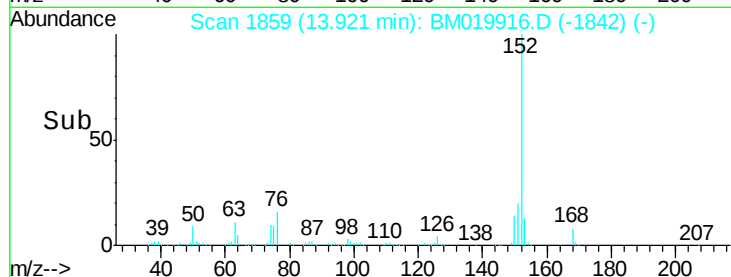
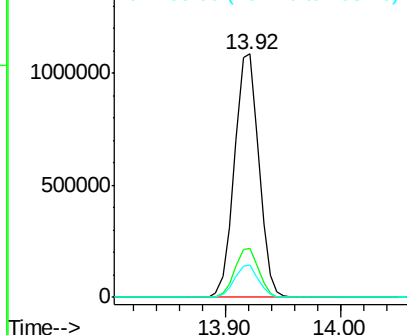
Tgt Ion:	152	Resp:	1586616
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	13.1	10.6	16.0

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: 39.086 ng

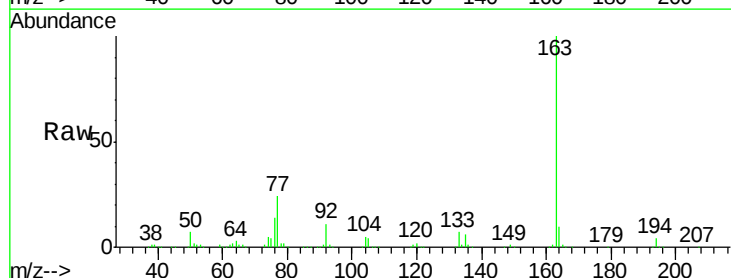
RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

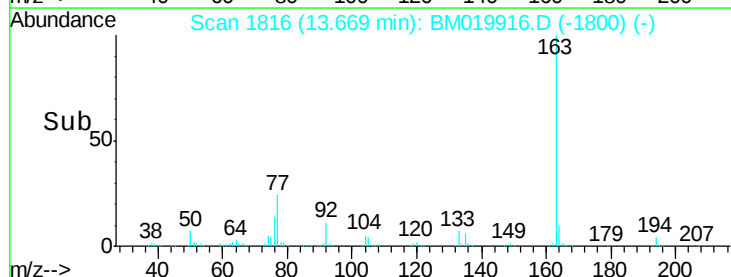
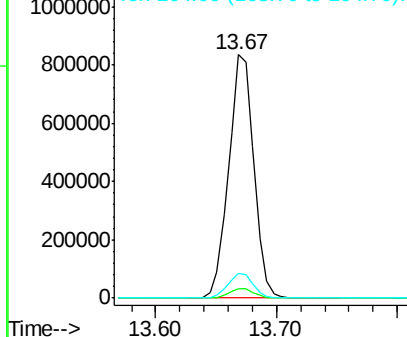
Lab File: BM019916.D

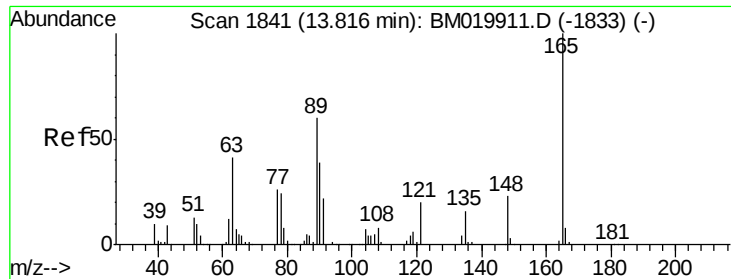
Acq: 15 Apr 2019 16:45

Tgt Ion:	163	Resp:	1206508
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.4	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





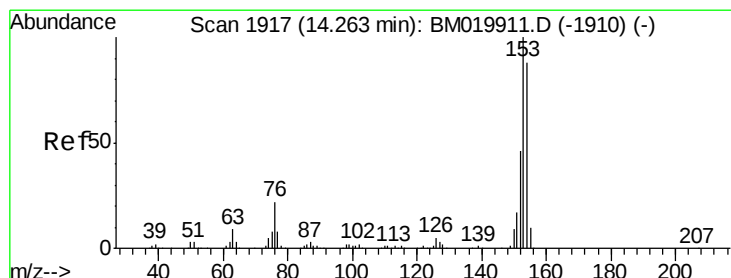
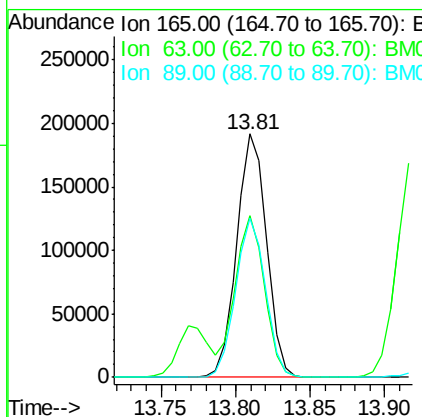
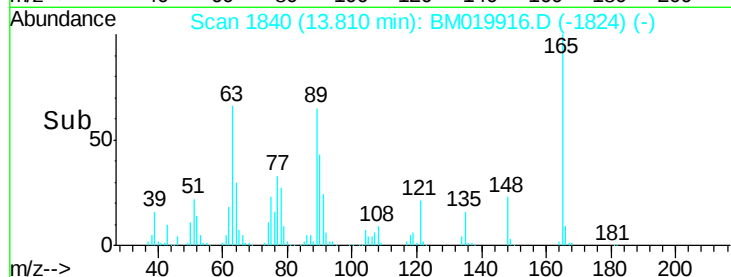
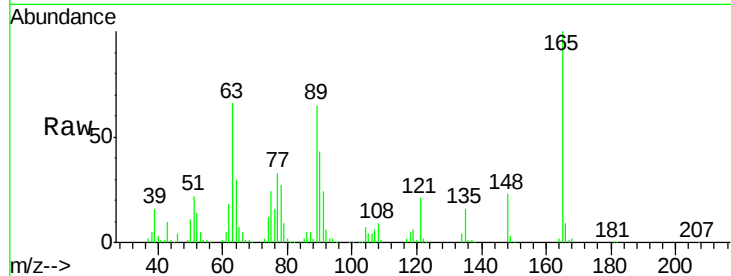
#51
2,6-Dinitrotoluene
Concen: 39.054 ng
RT: 13.81 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	266575		
63	66.2	48.5	72.7	
89	65.4	48.2	72.4	

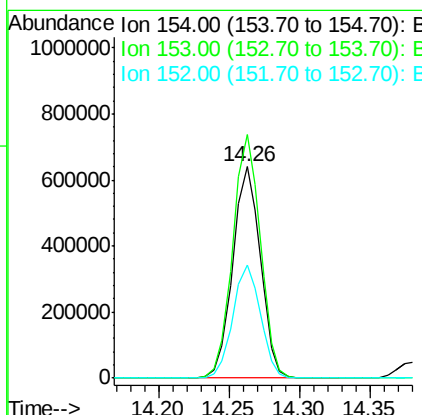
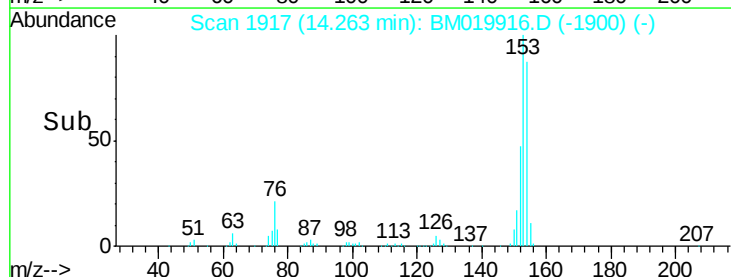
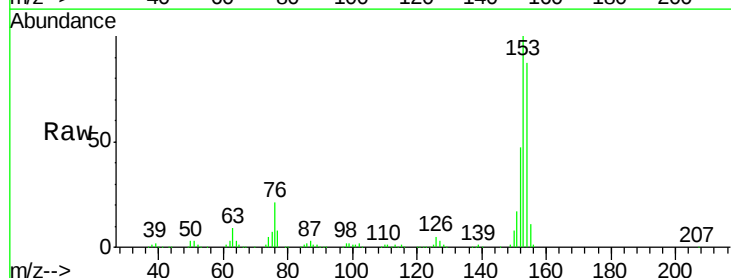
Manual Integrations
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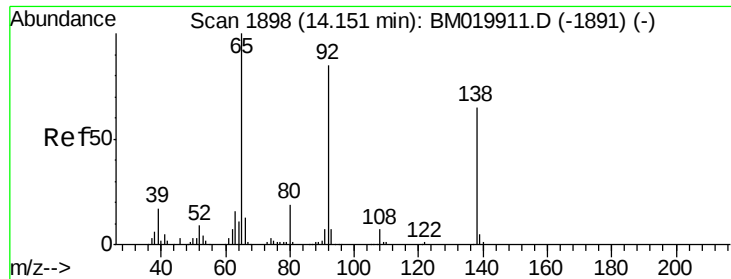
Sohil
4/16/2019 5:25:41 PM



#52
Acenaphthene
Concen: 39.145 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	873106		
153	115.4	91.0	136.4	
152	53.9	42.2	63.2	





#53

3-Nitroaniline

Concen: 39.192 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

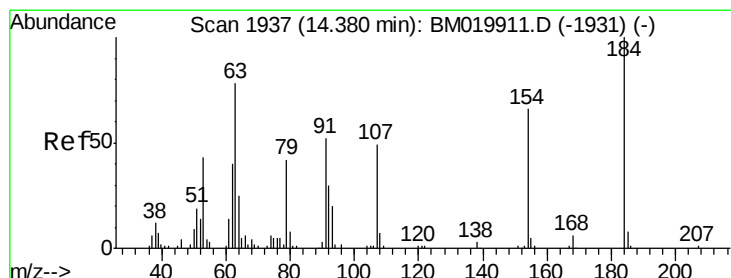
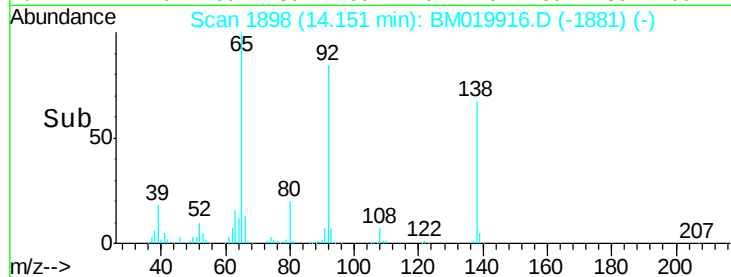
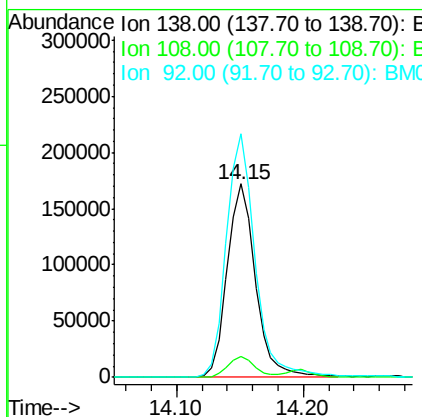
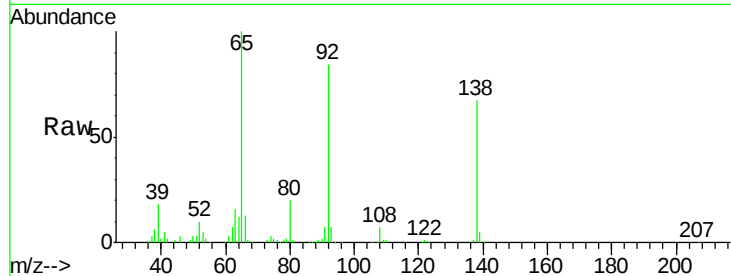
ClientSampleId :

ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	267120		
108	10.9	8.9	13.3	
92	126.0	103.8	155.8	

Manual Integrations
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4/16/2019 5:25:41 PM



#54

2,4-Dinitrophenol

Concen: 38.135 ng

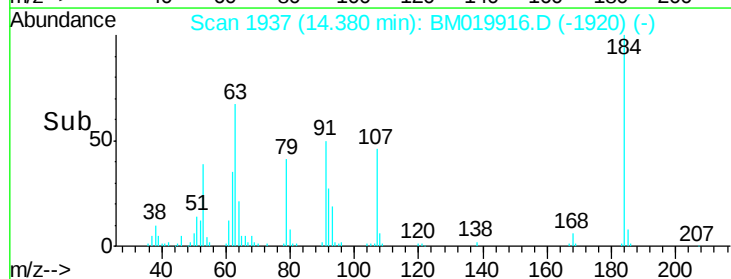
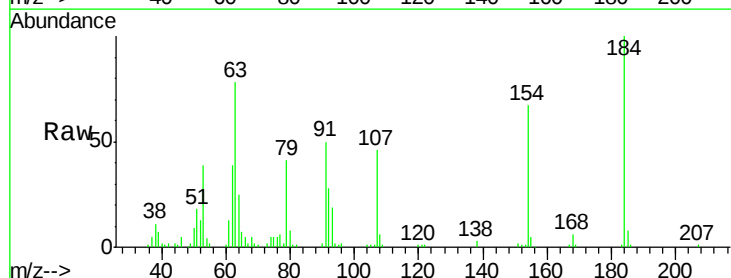
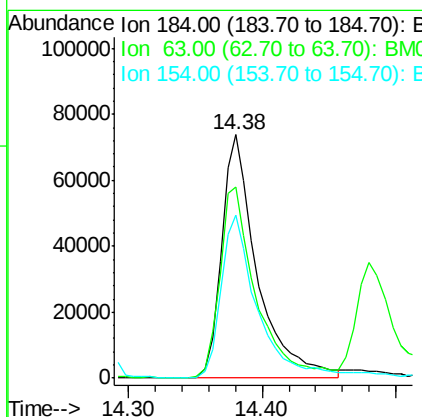
RT: 14.38 min Scan# 1937

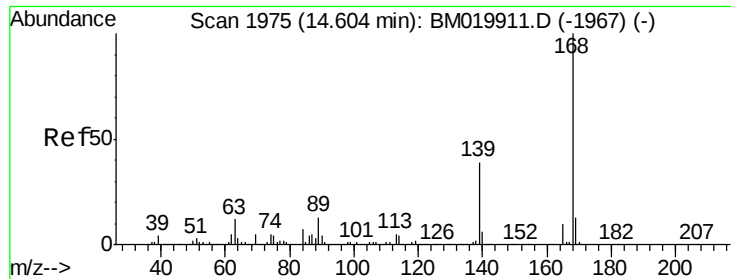
Delta R.T. 0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	137843		
63	78.3	62.3	93.5	
154	66.7	53.0	79.6	





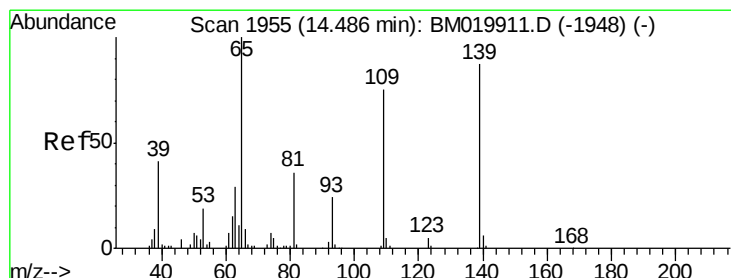
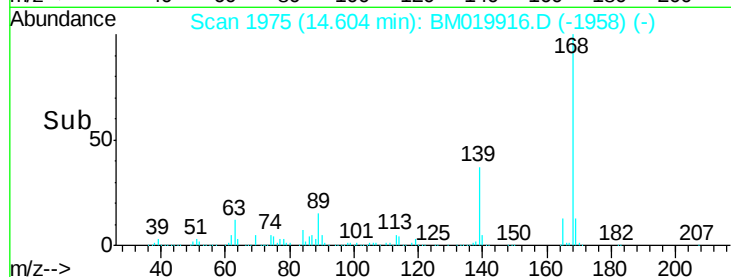
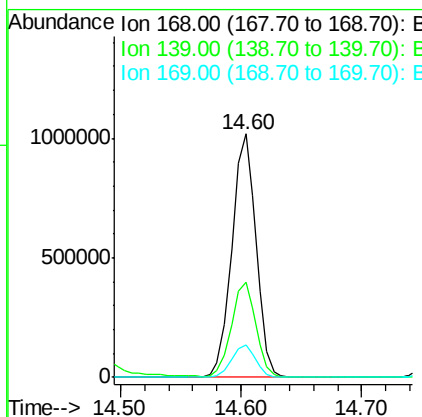
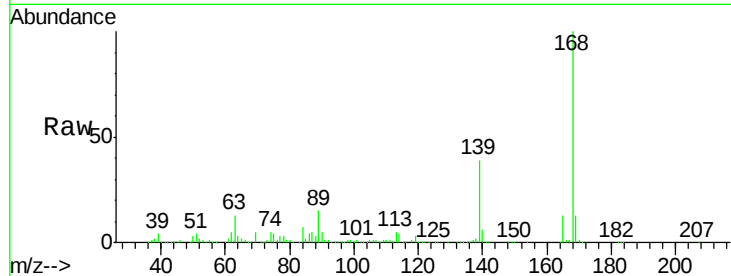
#55
Dibenzenofuran
Concen: 38.893 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampled :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	13.4	10.6	16.0

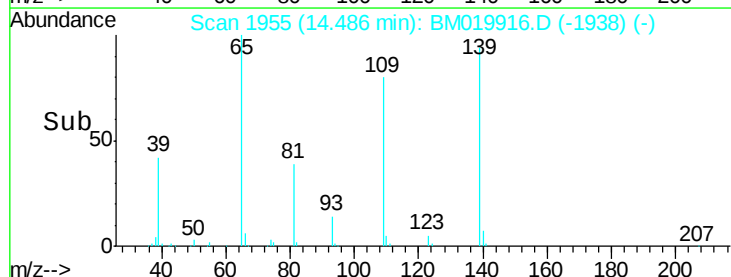
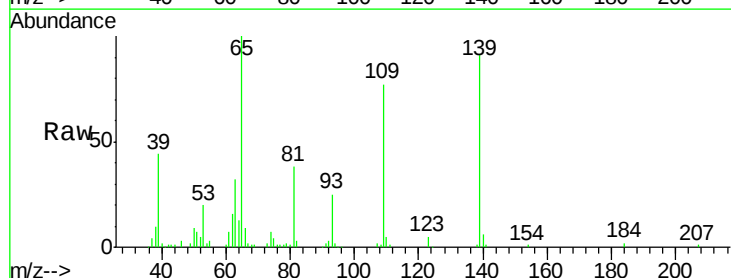
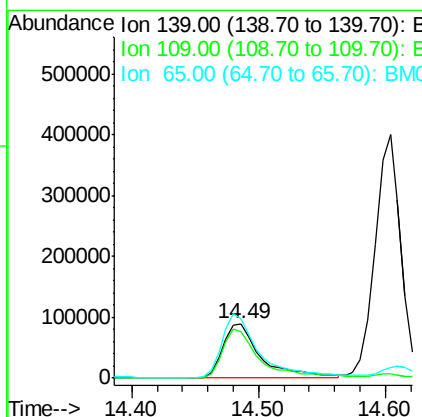
Manual Integrations
APPROVED

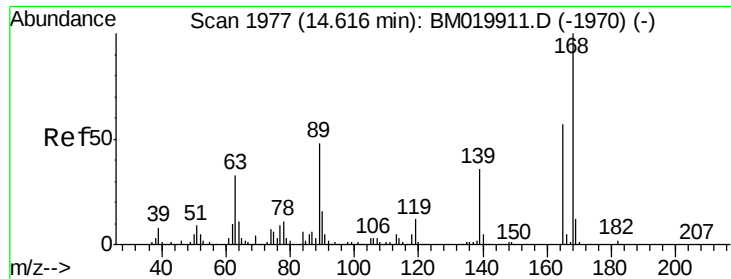
Sohil
4/16/2019 5:25:41 PM



#56
4-Nitrophenol
Concen: 38.112 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.0	65.3	105.3
65	110.2	94.9	134.9





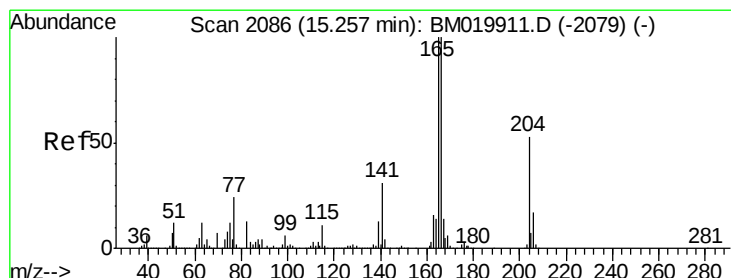
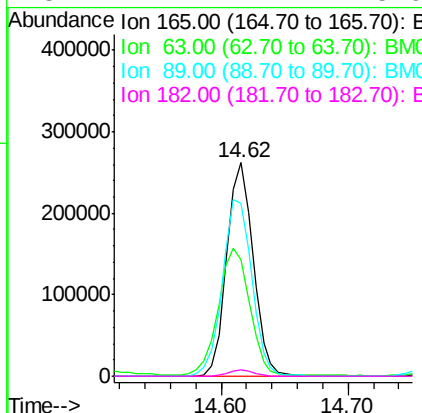
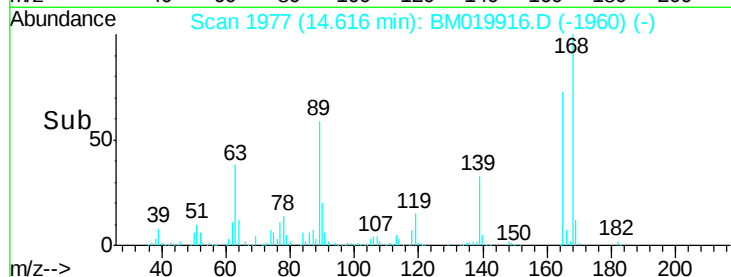
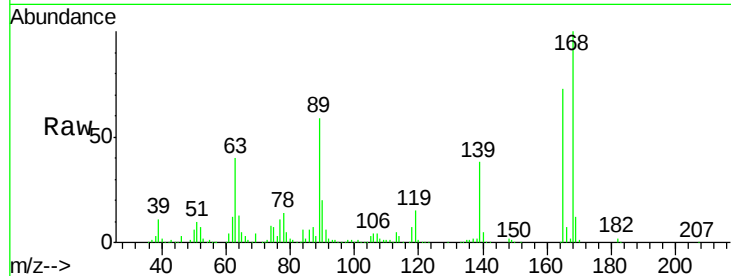
#57
 2,4-Dinitrotoluene
 Concen: 38.545 ng
 RT: 14.62 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt	Ion	Resp	Lower	Upper
165	100			
63	54.4	46.0	69.0	
89	81.1	67.5	101.3	
182	2.7	2.4	3.6	

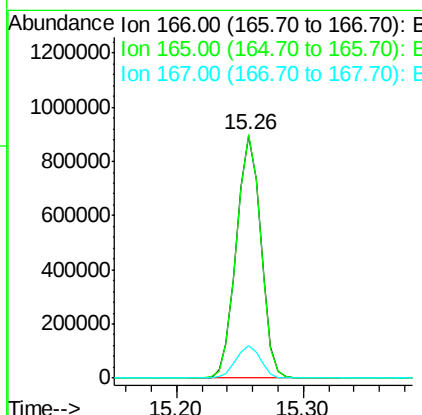
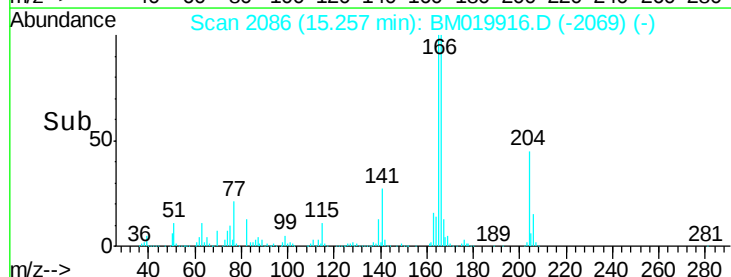
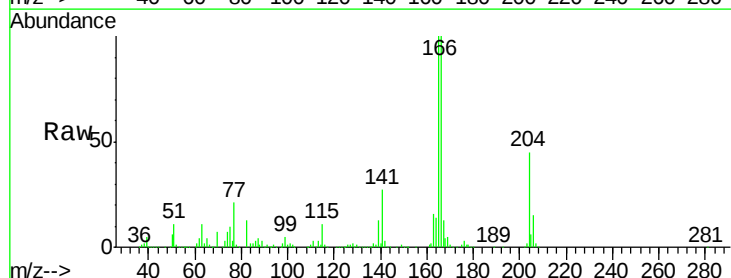
Manual Integrations
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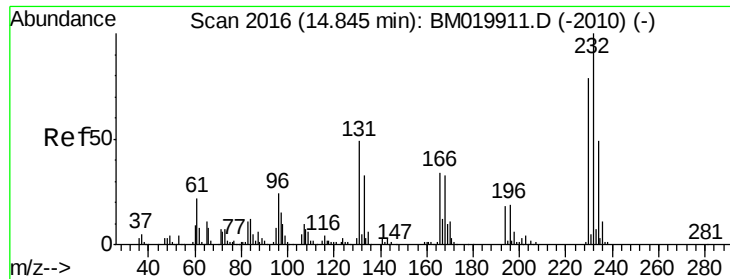
Sohil
 4/16/2019 5:25:41 PM



#58
 Fluorene
 Concen: 38.520 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt	Ion	Resp	Lower	Upper
166	100			
165	100.3	80.1	120.1	
167	13.2	11.0	16.4	





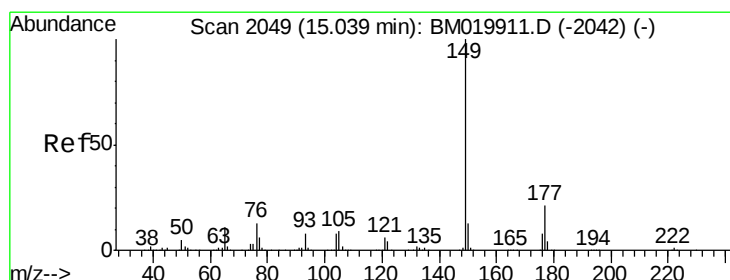
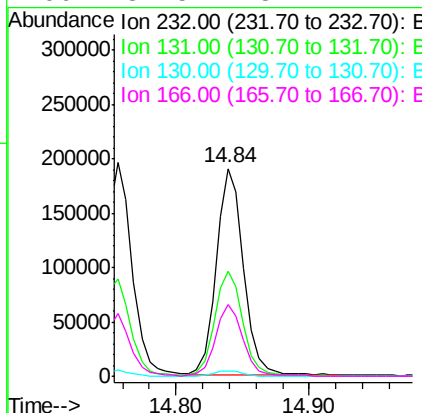
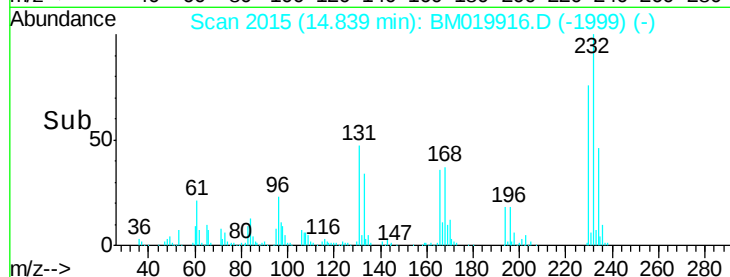
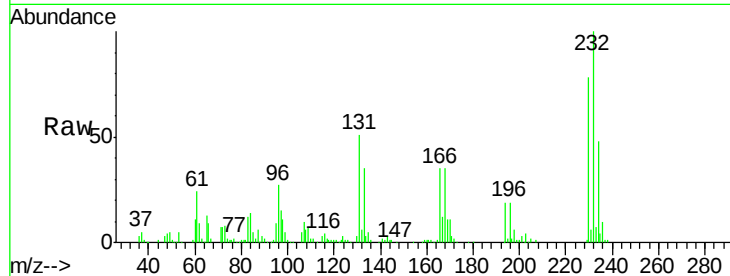
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.913 ng
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.1	42.1	63.1
130	2.8	2.2	3.4
166	34.5	28.1	42.1

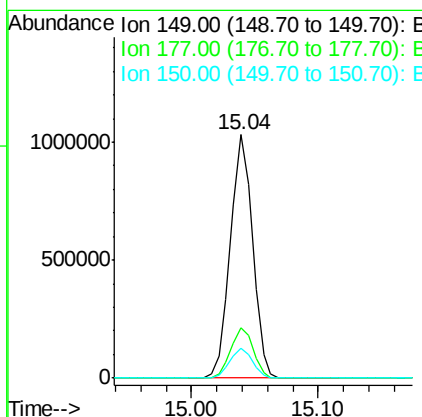
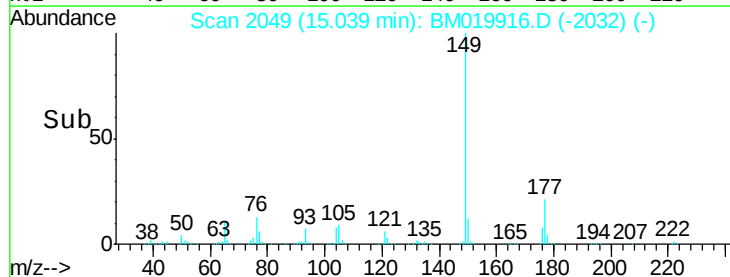
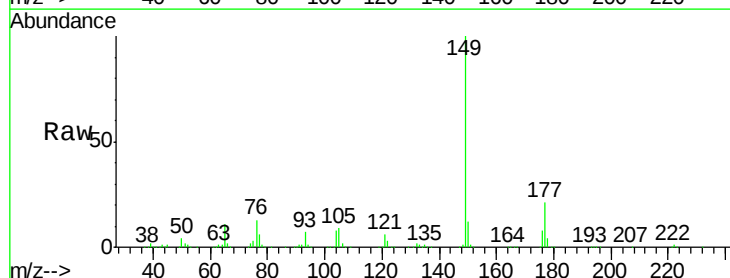
Manual Integrations
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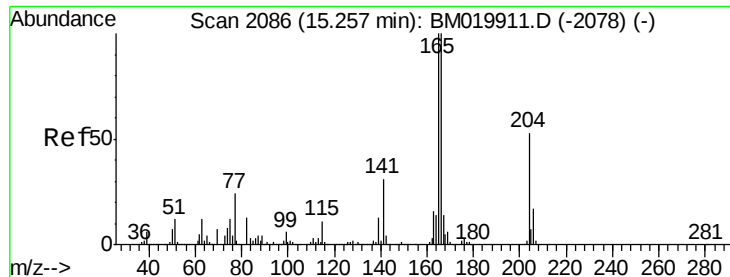
Sohil
4/16/2019 5:25:41 PM



#60
Diethylphthalate
Concen: 38.896 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.6	25.0
150	12.2	10.0	15.0





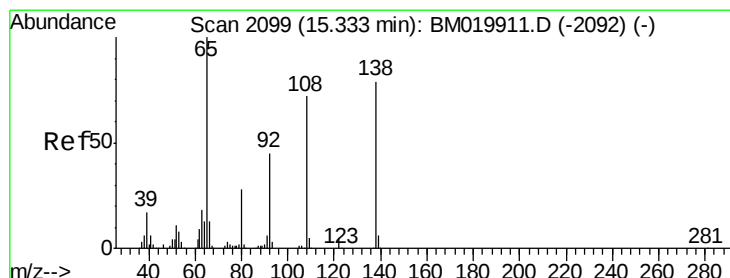
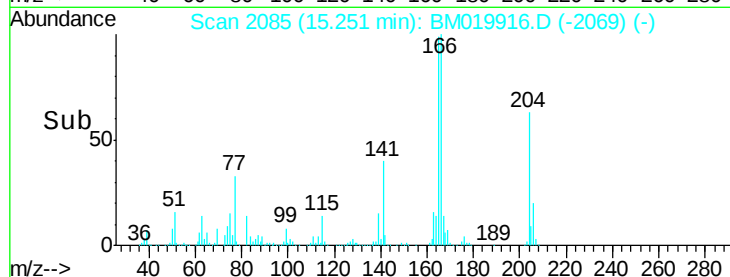
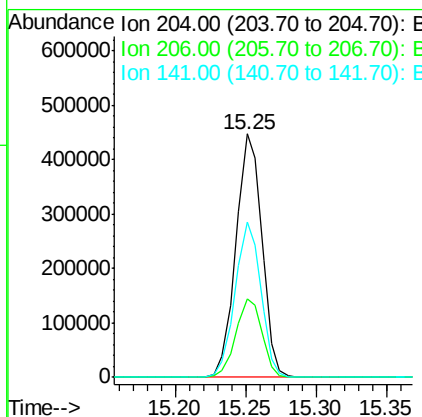
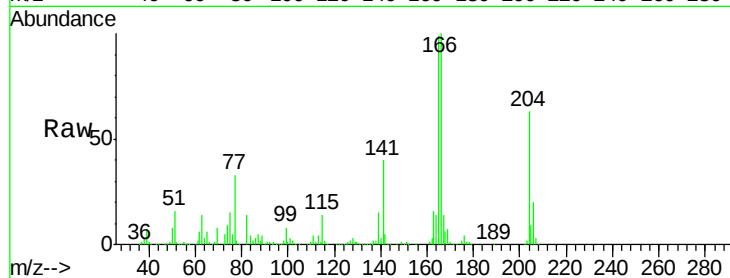
#61
 4-Chlorophenyl-phenylether
 Concen: 38.544 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	573539		
206	32.2	25.8	38.8	
141	63.9	47.0	70.4	

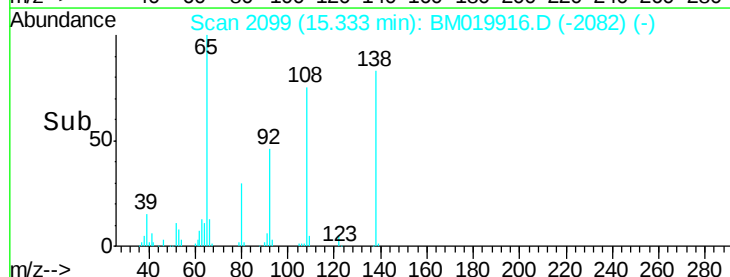
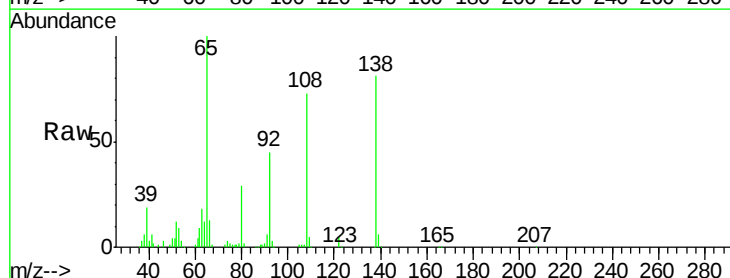
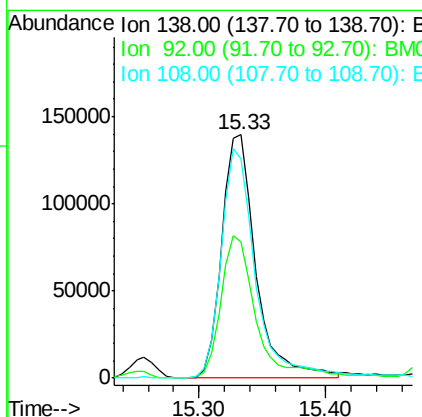
Manual Integrations
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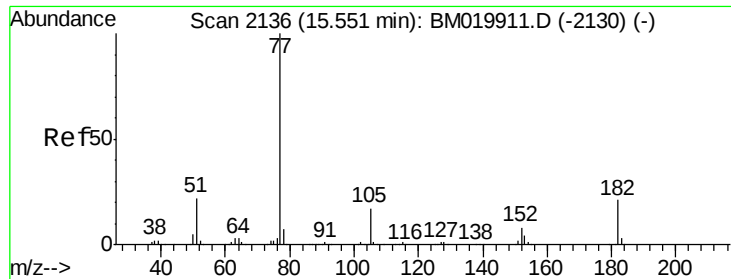
Sohil
 4/16/2019 5:25:41 PM



#62
 4-Nitroaniline
 Concen: 38.919 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	261351		
92	55.9	36.8	76.8	
108	90.3	71.5	111.5	





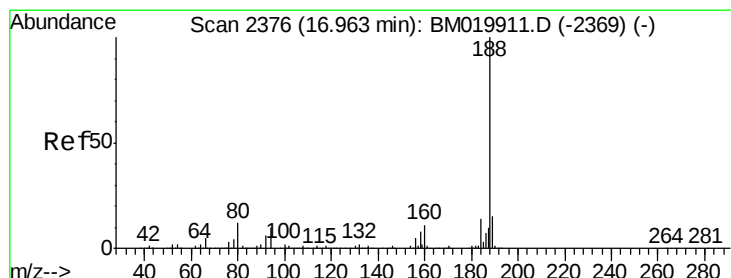
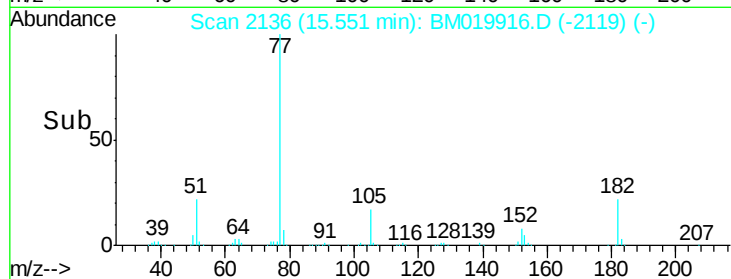
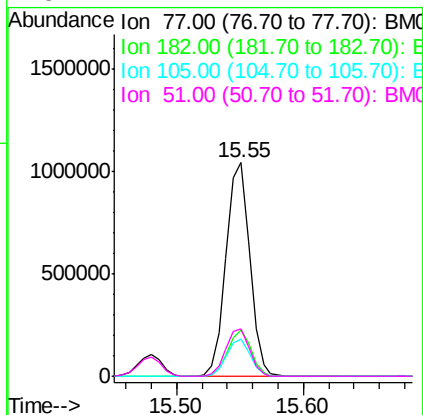
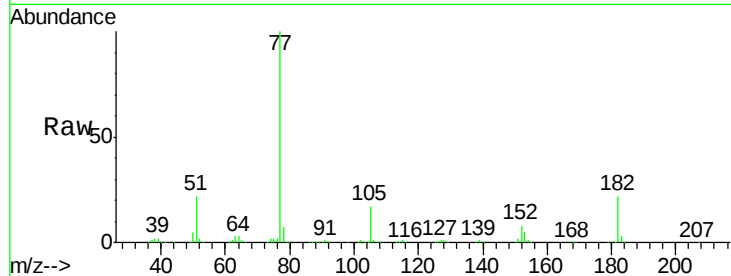
#63
Azobenzene
Concen: 39.305 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.6	1.0	41.0	
105	17.3	0.0	37.1	
51	22.1	2.1	42.1	

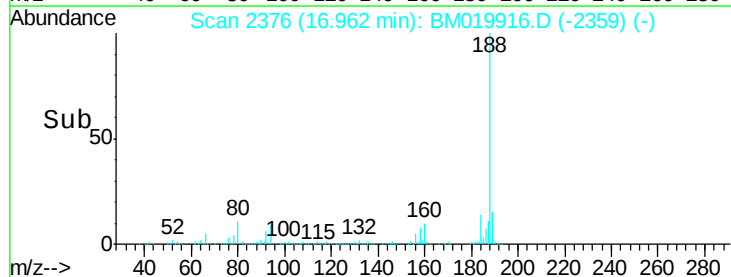
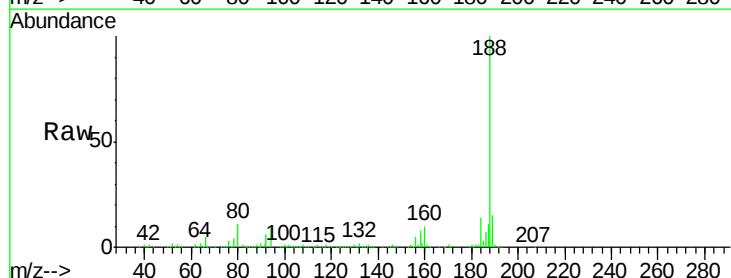
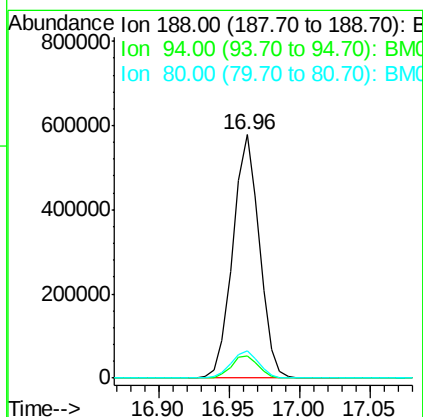
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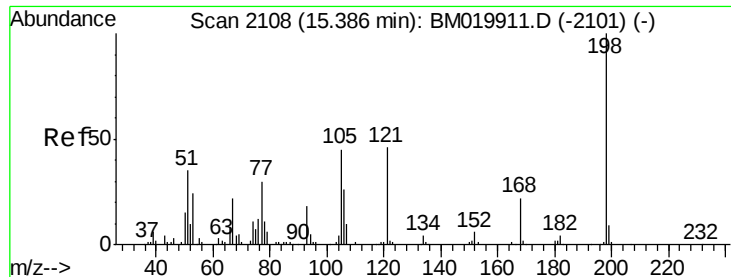
Sohil
4/16/2019 5:25:41 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.6	11.4	
80	11.4	9.4	14.0	





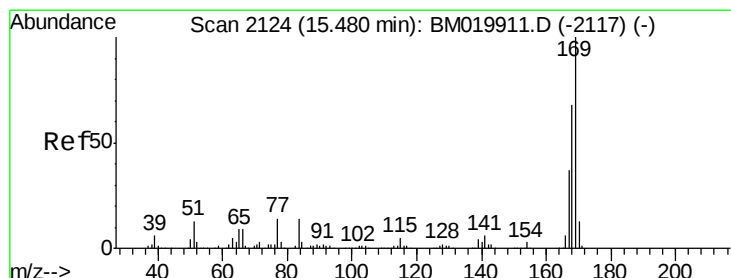
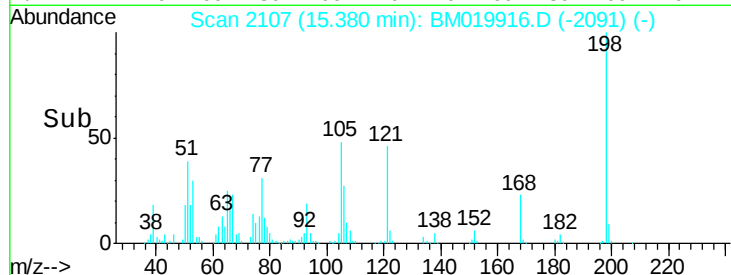
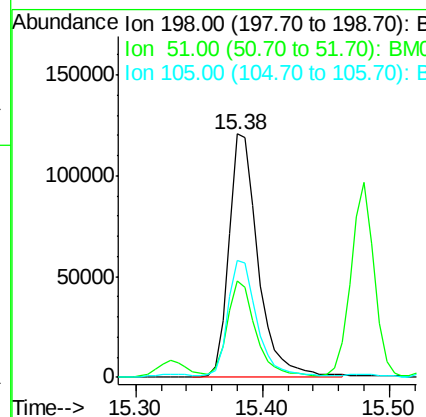
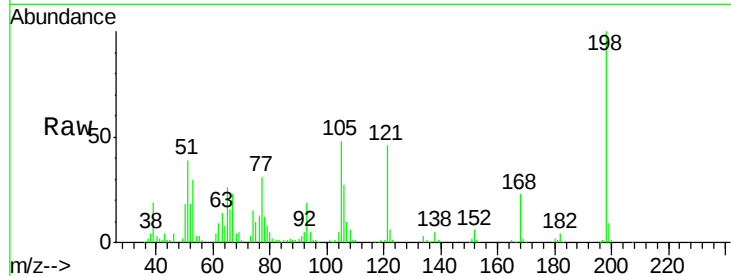
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.622 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	192030		
51	39.4	17.9	57.9	
105	47.9	26.1	66.1	

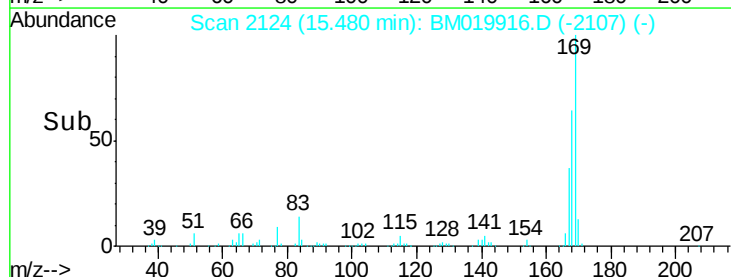
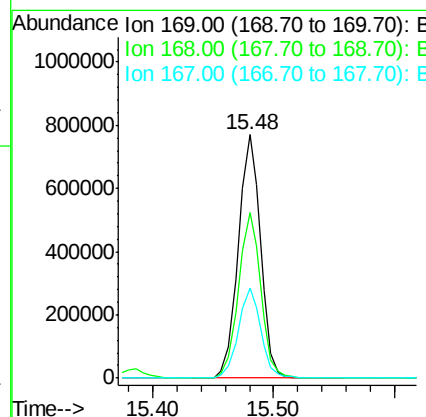
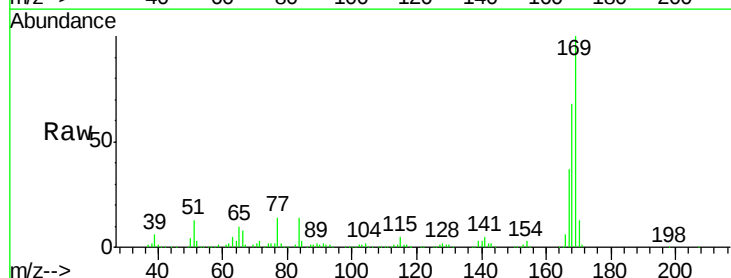
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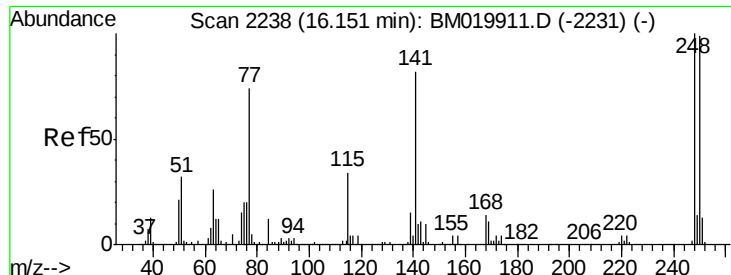
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 39.779 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	987846		
168	67.9	54.7	82.1	
167	36.7	29.4	44.0	





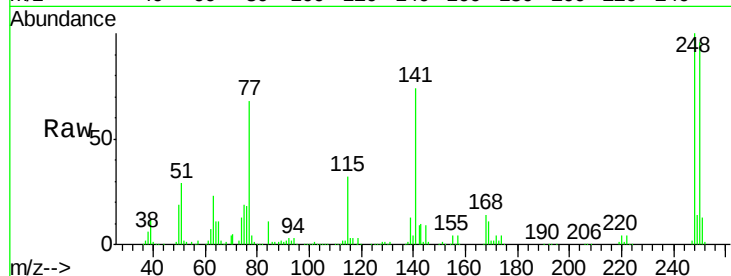
#67
 4-Bromophenyl-phenylether
 Concen: 39.509 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

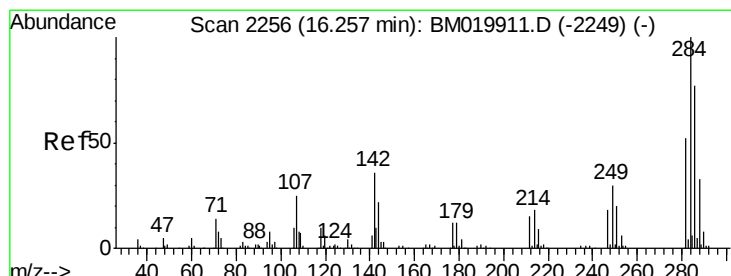
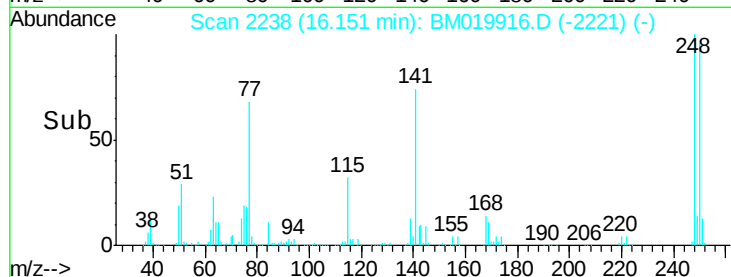
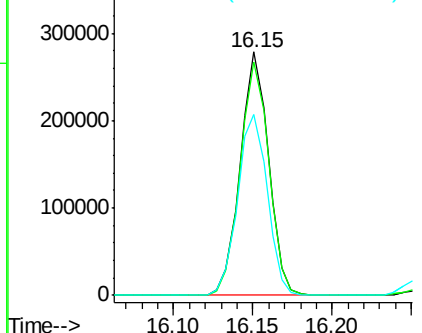
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	345041		
250	95.7	78.9	118.3	
141	74.4	65.6	98.4	

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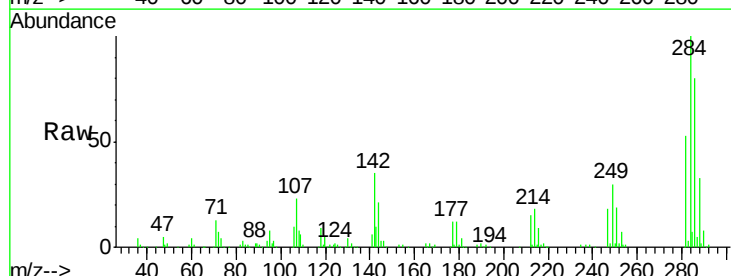


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

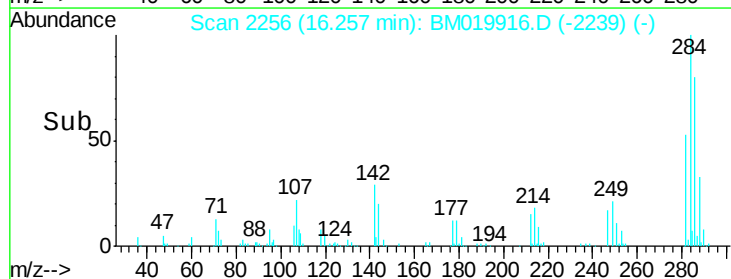
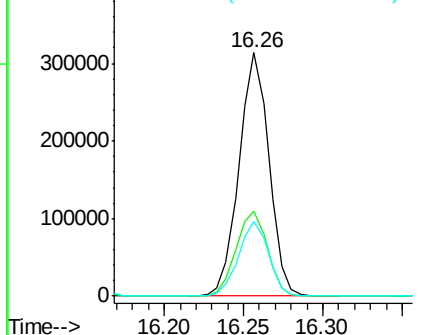


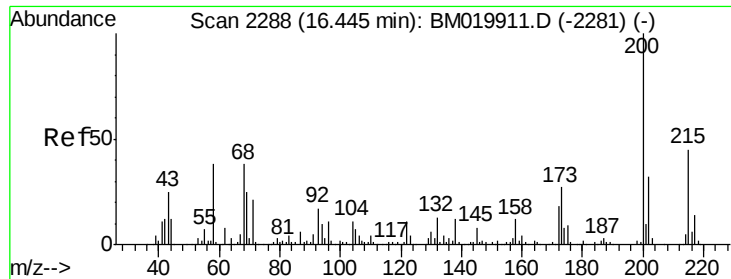
#68
 Hexachlorobenzene
 Concen: 39.152 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	410278		
142	35.0	28.9	43.3	
249	30.4	23.8	35.6	



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





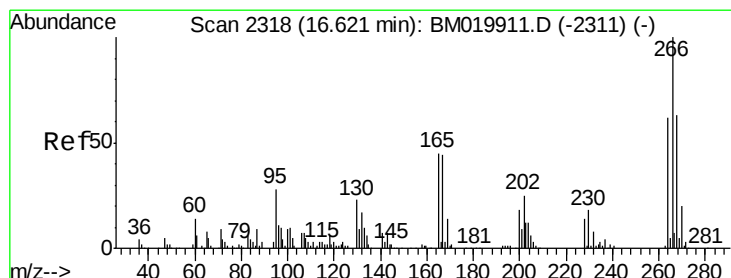
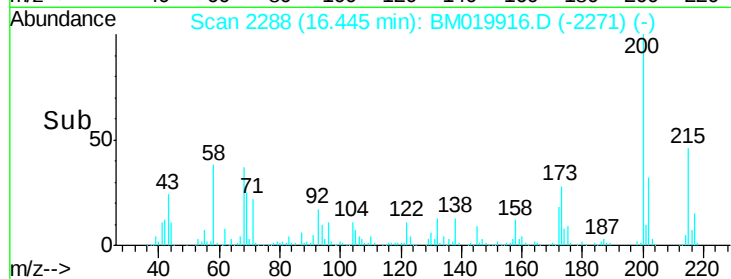
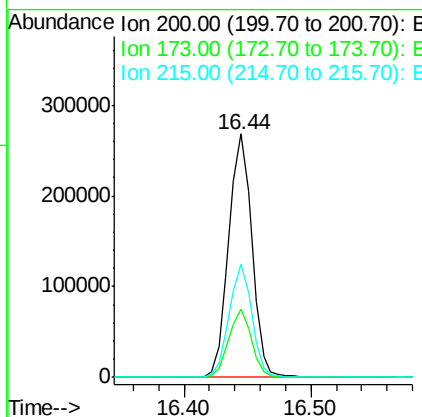
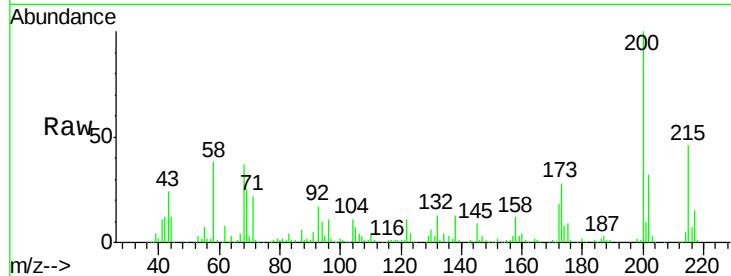
#69
 Atrazine
 Concen: 40.450 ng
 RT: 16.44 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	341004		
173	28.0	7.2	47.2	
215	46.2	25.4	65.4	

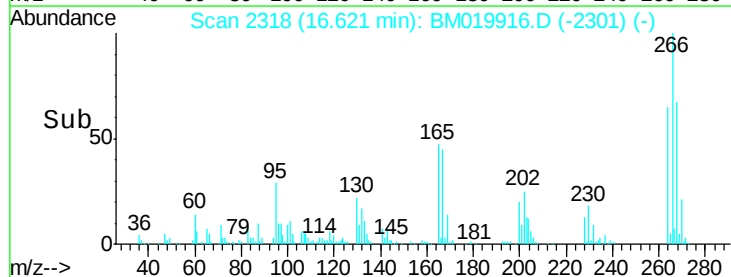
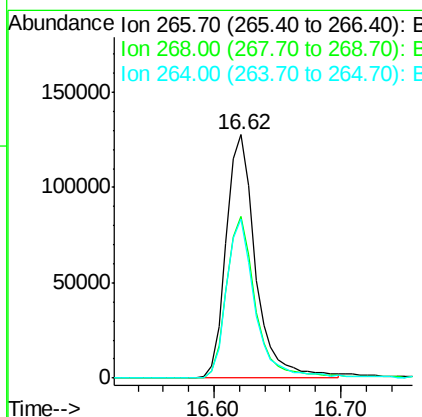
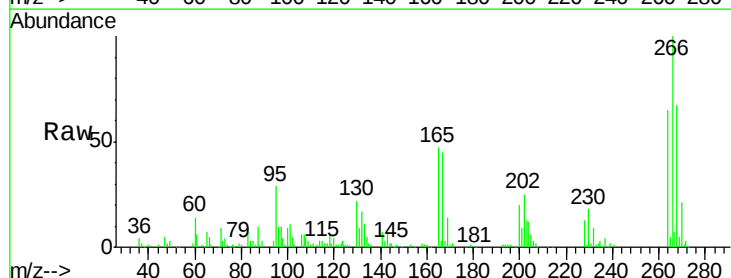
Manual Integrations
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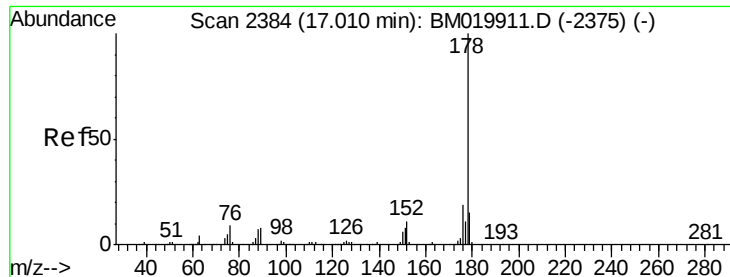
Sohil
 4/16/2019 5:25:41 PM



#70
 Pentachlorophenol
 Concen: 38.427 ng
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	205747		
268	66.6	50.3	75.5	
264	65.2	49.8	74.8	





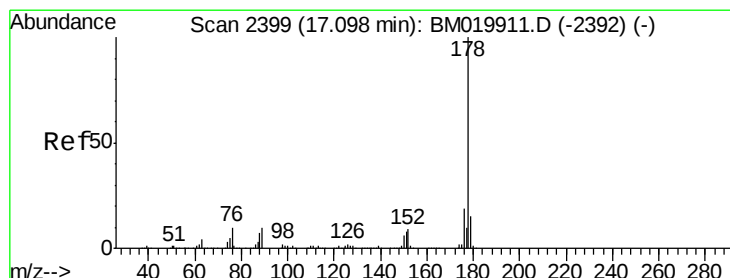
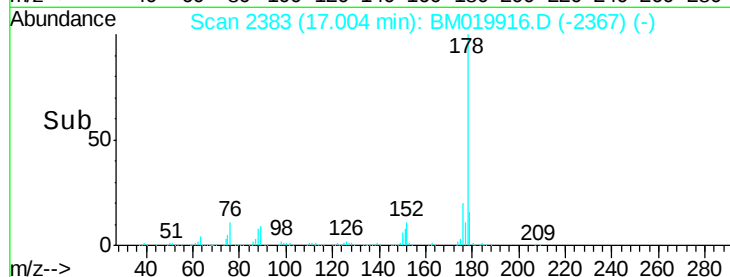
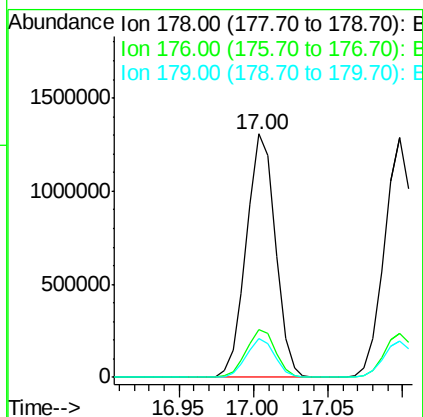
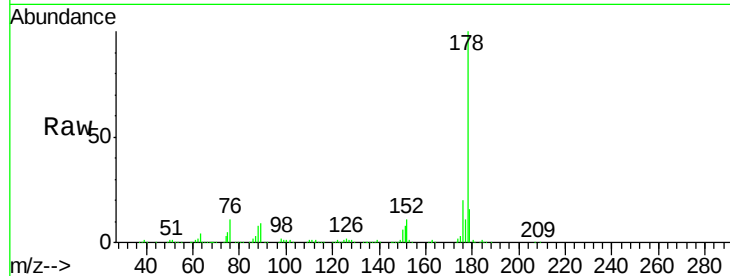
#71
Phenanthrene
Concen: 39.188 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion:178 Resp: 1766490
Ion Ratio Lower Upper
178 100
176 19.8 15.2 22.8
179 15.8 12.2 18.4

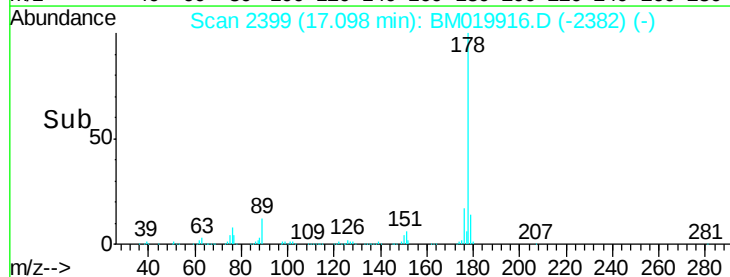
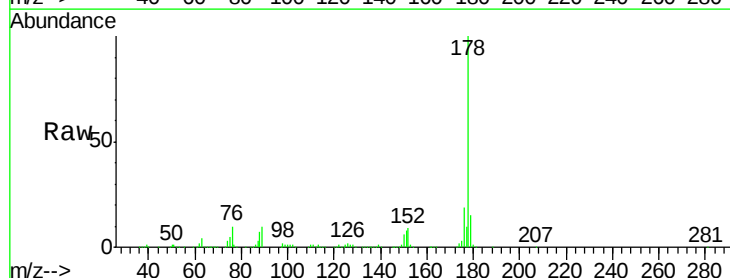
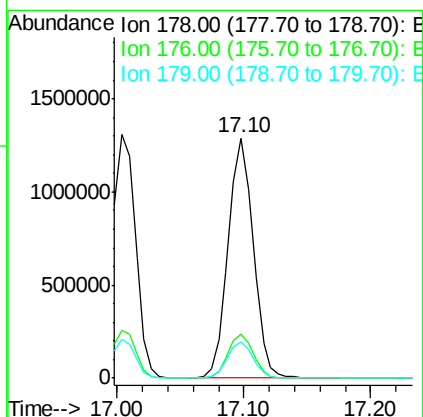
Manual Integrations
APPROVED

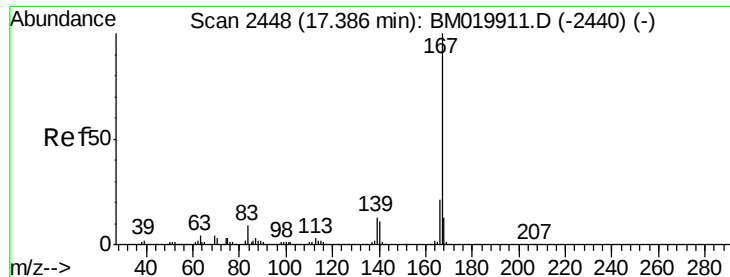
Sohil
4/16/2019 5:25:41 PM



#72
Anthracene
Concen: 39.348 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion:178 Resp: 1765594
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.1 12.2 18.4





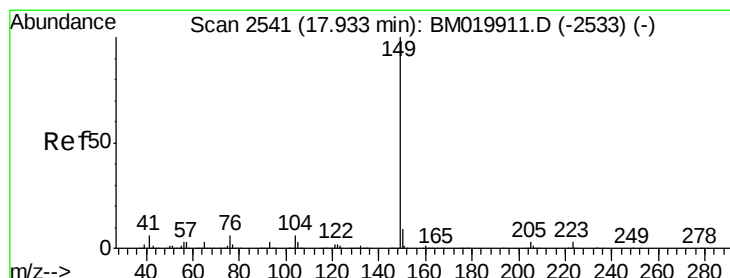
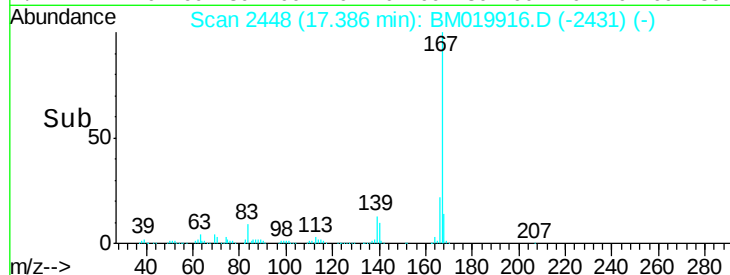
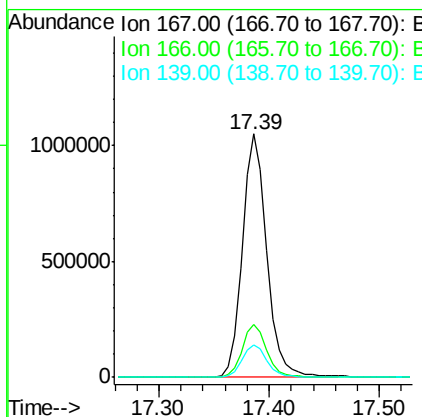
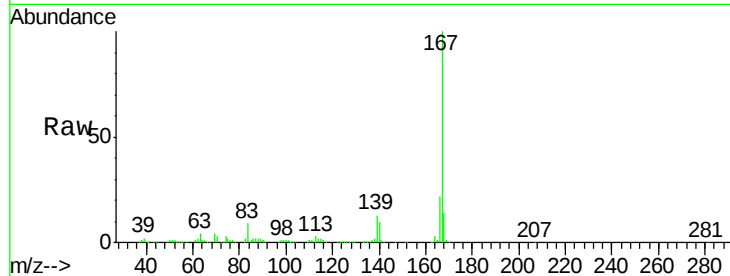
#73
 Carbazole
 Concen: 38.871 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampled :
 ICVBM041519

Tgt Ion:167 Resp: 1628476
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.3 10.7 16.1

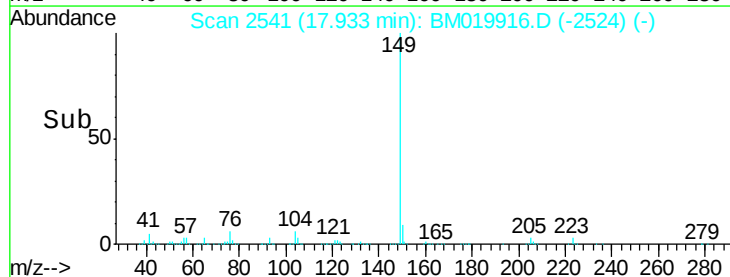
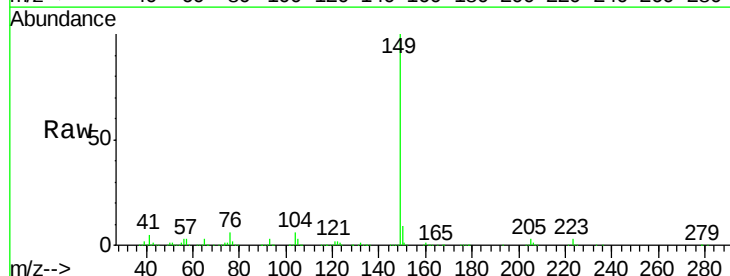
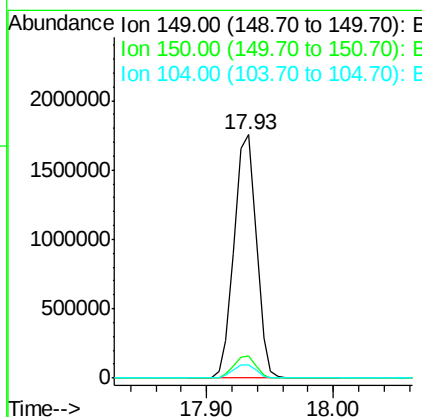
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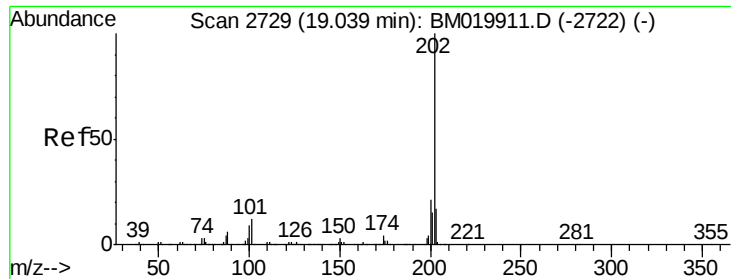
Sohil
 4/16/2019 5:25:41 PM



#74
 Di-n-butylphthalate
 Concen: 38.561 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion:149 Resp: 2121564
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.5 4.6 7.0





#75

Fluoranthene

Concen: 38.229 ng

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

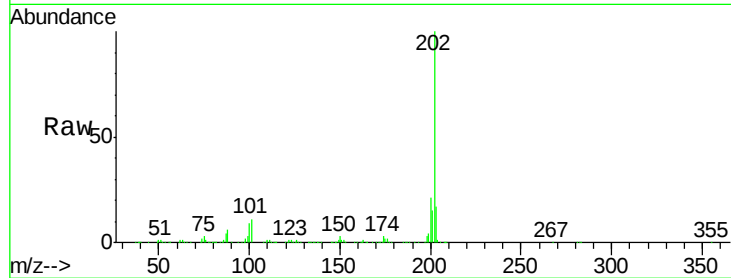
ClientSampleId :

ICVBM041519

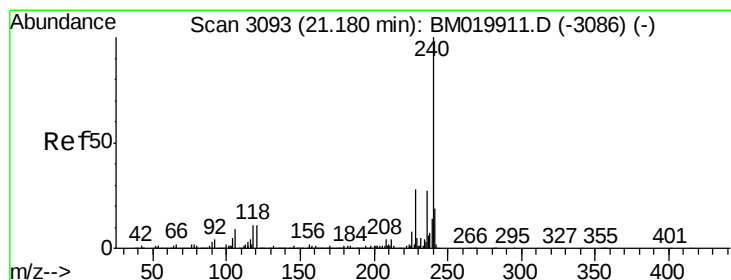
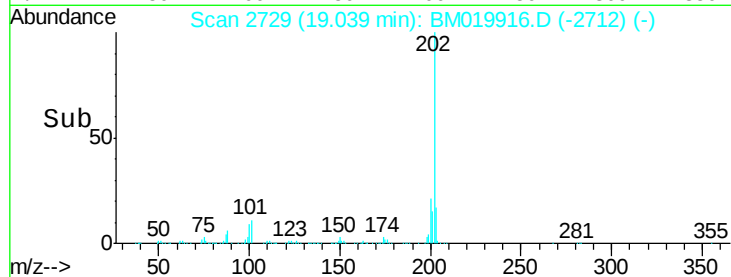
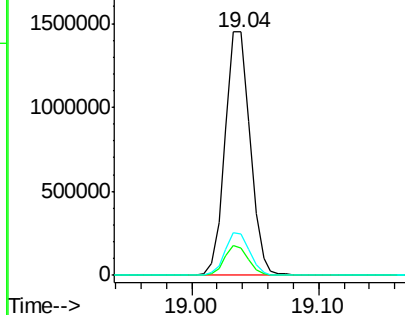
Tgt	Ion	202	Resp	1983174
Ion	Ratio	Lower	Upper	
202	100			
101	11.4	0.0	31.7	
203	17.1	0.0	37.4	

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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

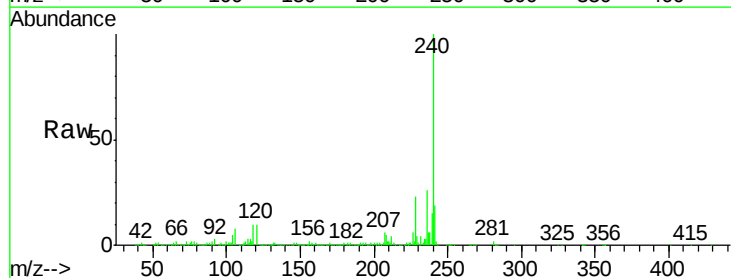
RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

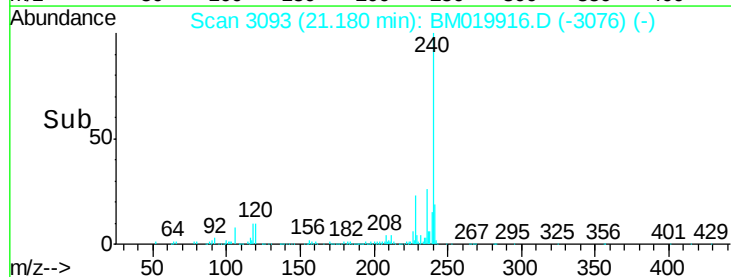
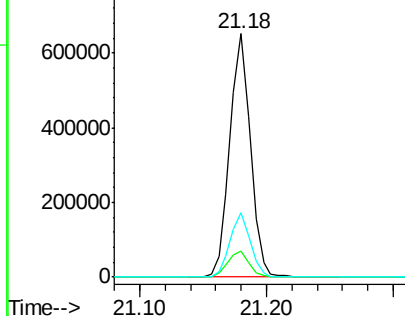
Lab File: BM019916.D

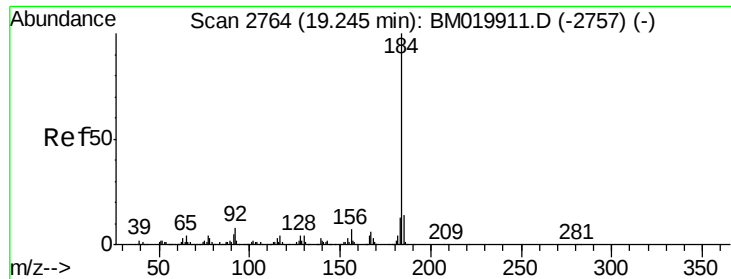
Acq: 15 Apr 2019 16:45

Tgt	Ion	240	Resp	734184
Ion	Ratio	Lower	Upper	
240	100			
120	10.5	8.6	13.0	
236	26.3	21.4	32.2	



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.483 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

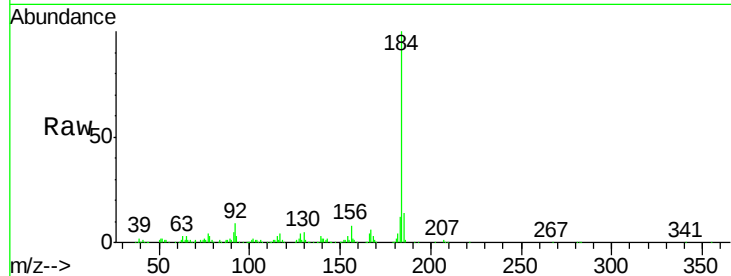
ClientSampleId :

ICVBM041519

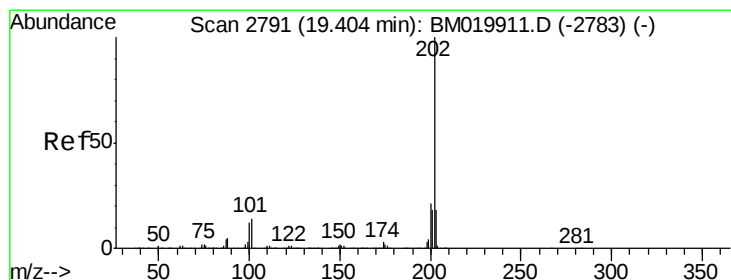
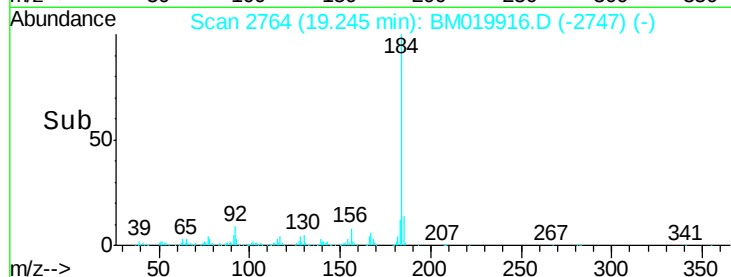
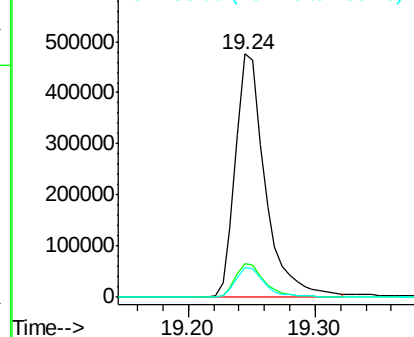
Tgt Ion:	184	Resp:	779561
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.0	16.6
183	12.0	10.1	15.1

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



#78

Pyrene

Concen: 41.367 ng

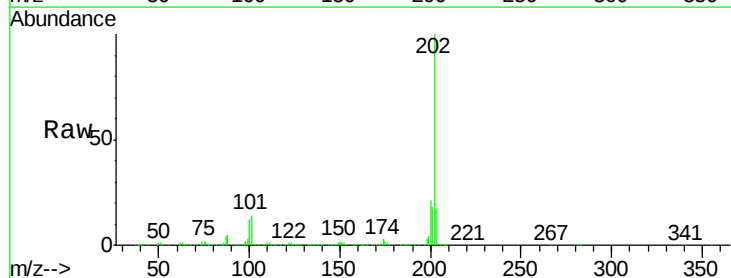
RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

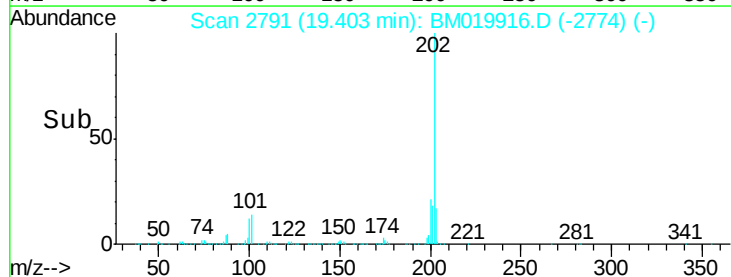
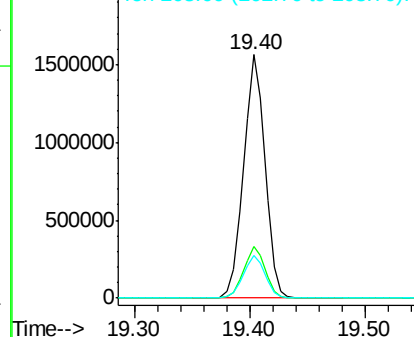
Lab File: BM019916.D

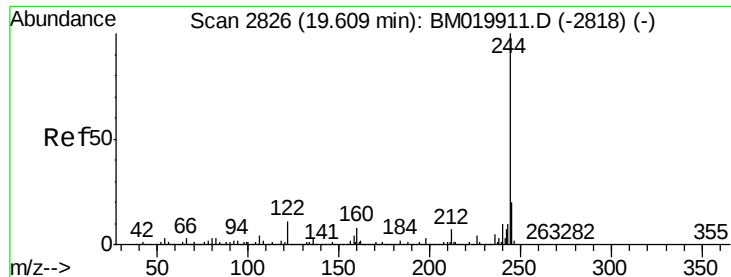
Acq: 15 Apr 2019 16:45

Tgt Ion:	202	Resp:	2011265
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	17.3	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





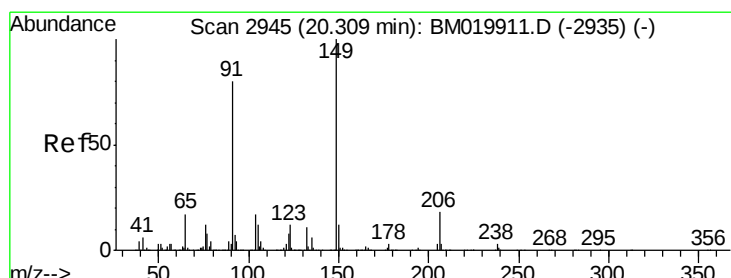
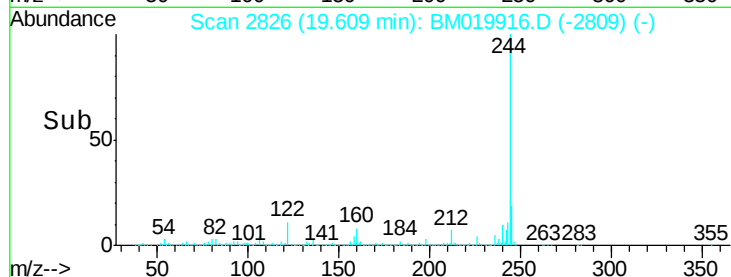
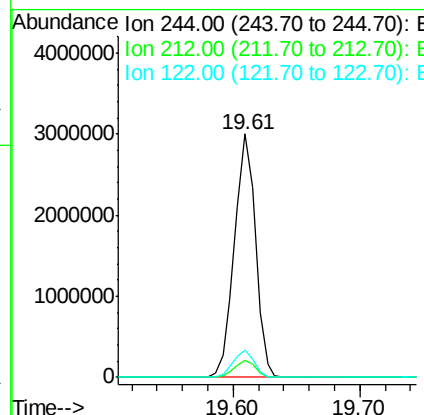
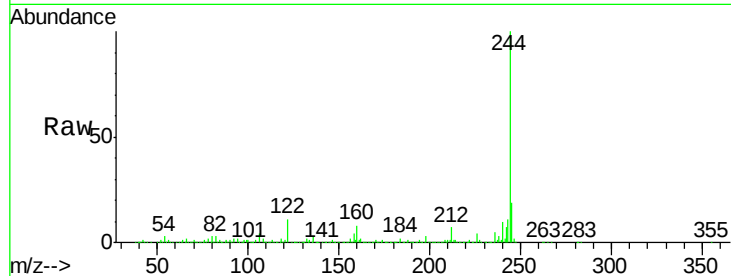
#79
 Terphenyl-d14
 Concen: 82.610 ng
 RT: 19.61 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041519

Tgt Ion:244 Resp: 3438603
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.2 9.1 13.7

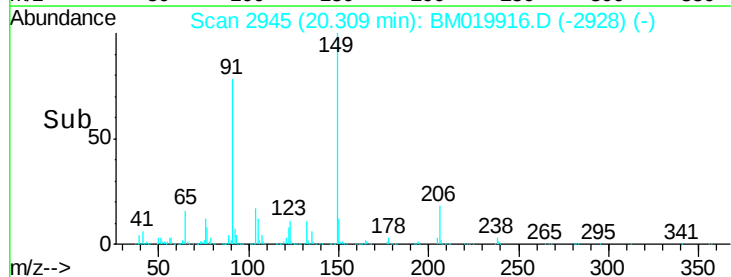
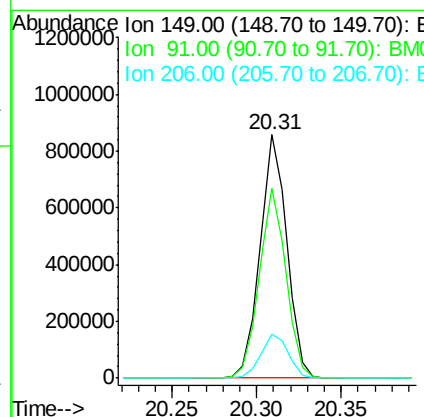
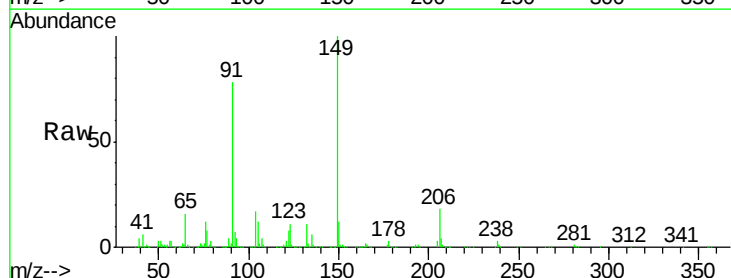
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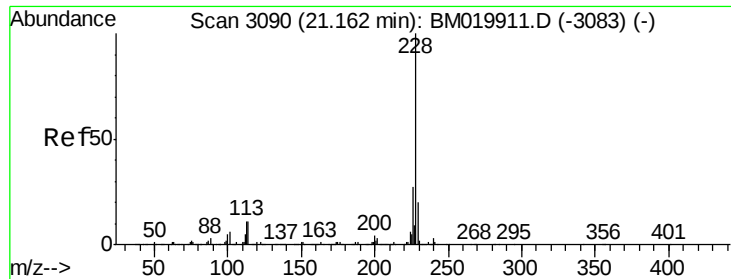
Sohil
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#80
 Butylbenzylphthalate
 Concen: 40.224 ng
 RT: 20.31 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: BM019916.D
 Acq: 15 Apr 2019 16:45

Tgt Ion:149 Resp: 948160
 Ion Ratio Lower Upper
 149 100
 91 78.1 63.7 95.5
 206 18.3 14.6 21.8





#81

Benzo(a)anthracene

Concen: 39.544 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

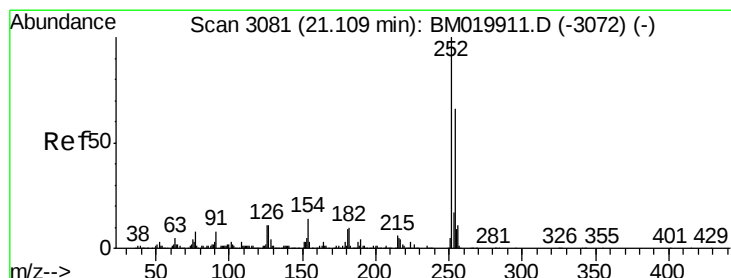
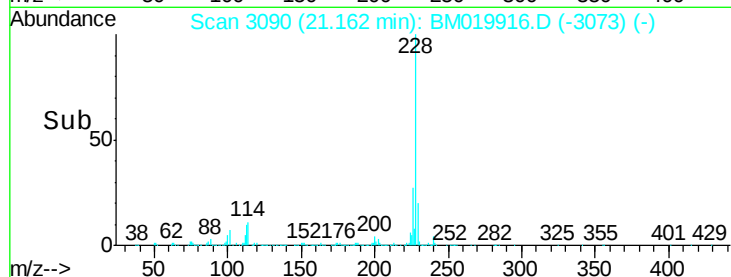
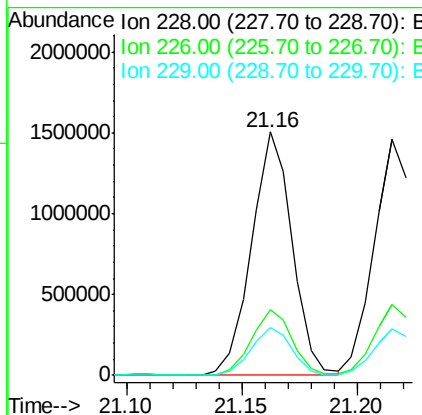
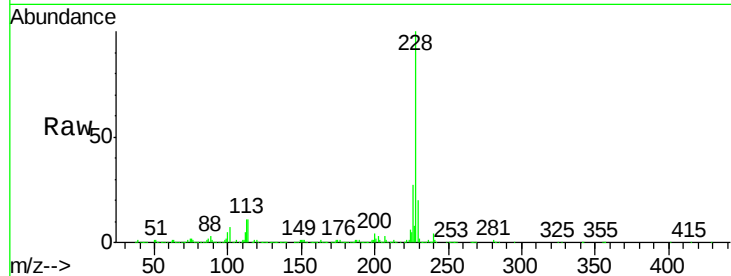
ClientSampleId :

ICVBM041519

Tgt Ion:	228	Resp:	1839114
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.6	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 39.555 ng

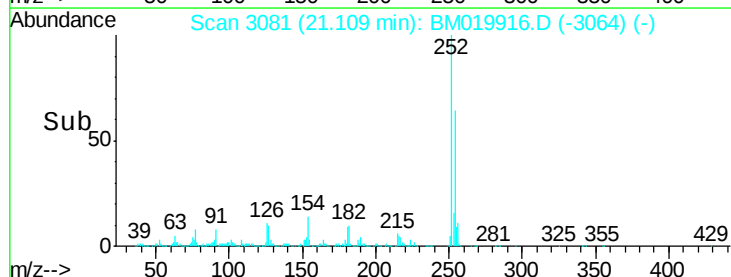
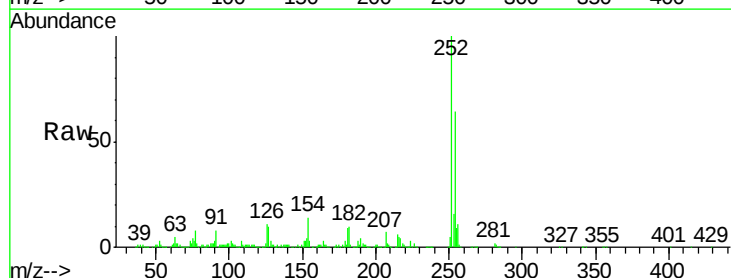
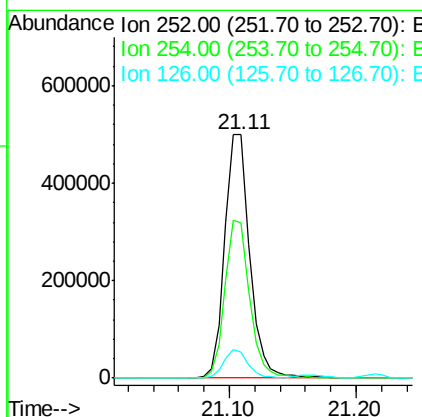
RT: 21.11 min Scan# 3081

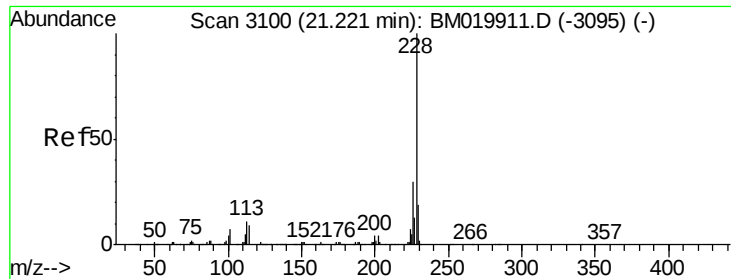
Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion:	252	Resp:	684459
Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	10.5	8.6	12.8





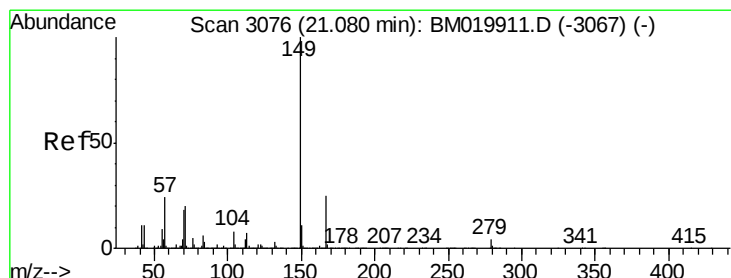
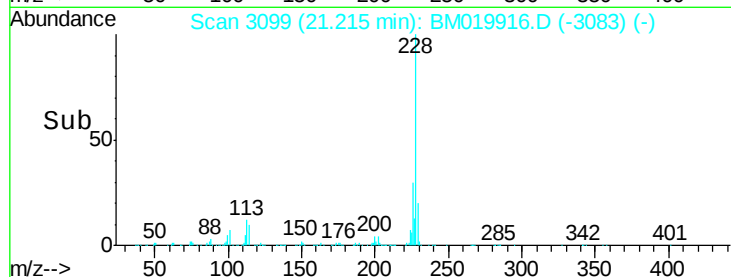
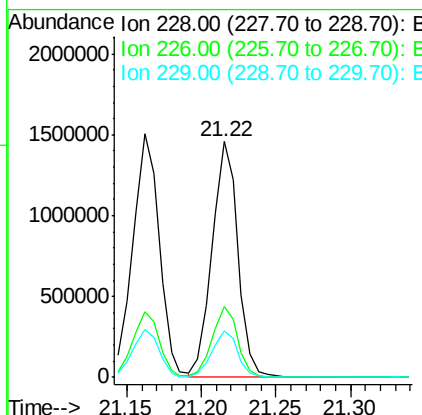
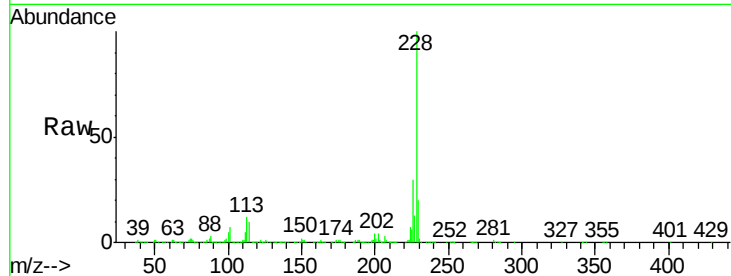
#83
Chrysene
Concen: 39.277 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion: 228 Resp: 1751814
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 19.7 15.6 23.4

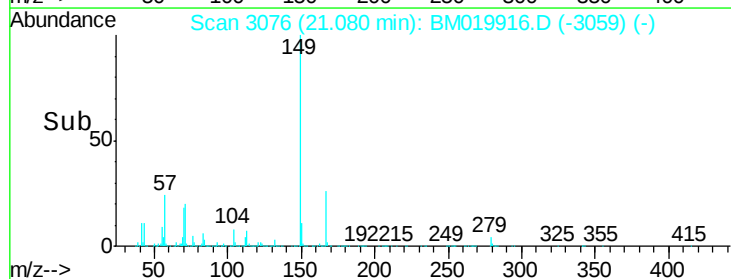
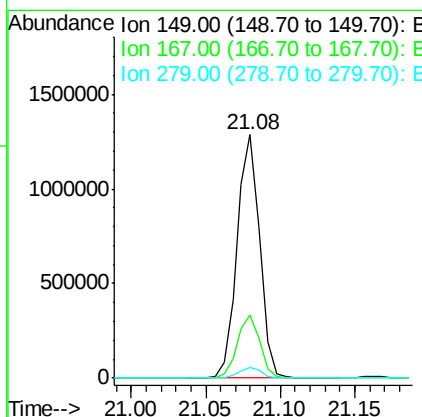
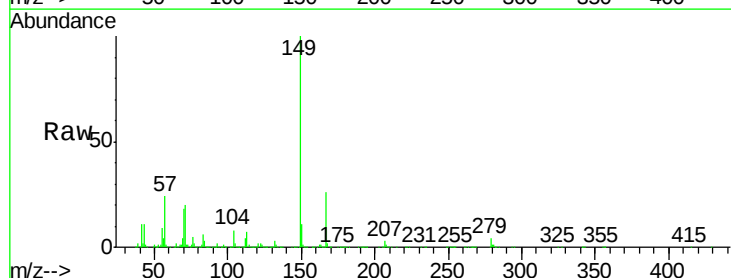
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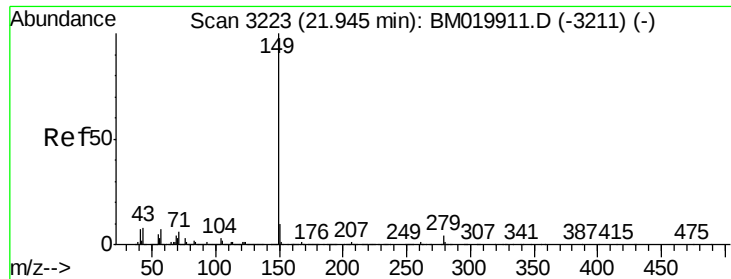
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.622 ng
RT: 21.08 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion: 149 Resp: 1355345
Ion Ratio Lower Upper
149 100
167 26.1 20.3 30.5
279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 37.536 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

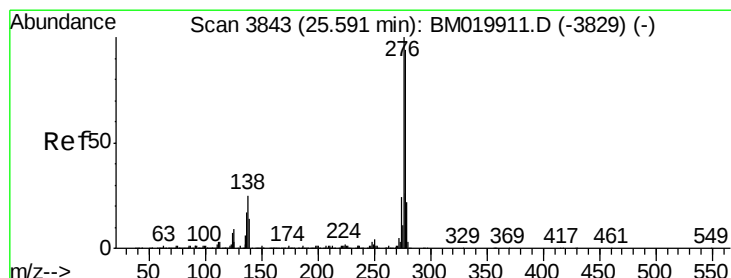
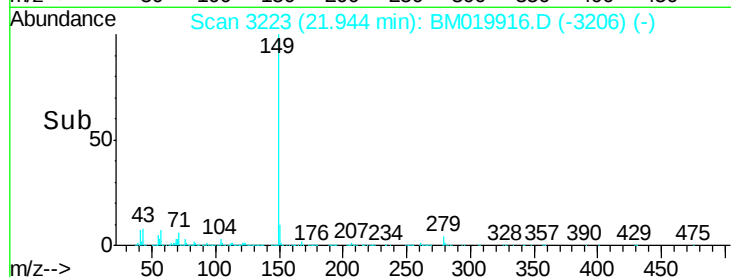
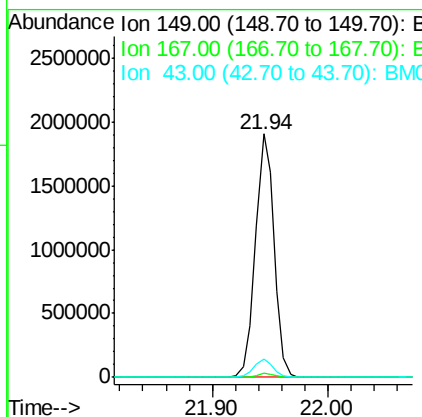
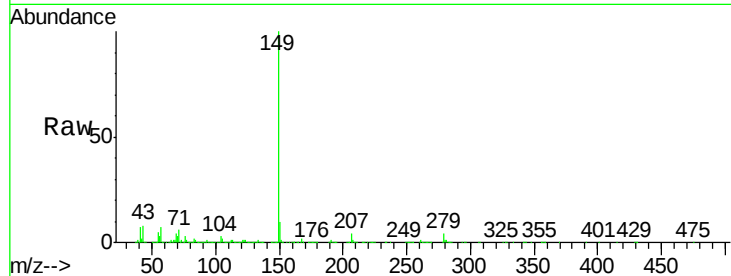
ClientSampleId :

ICVBM041519

Tgt Ion:	149	Resp:	2137324
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

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4/16/2019 5:25:41 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.899 ng

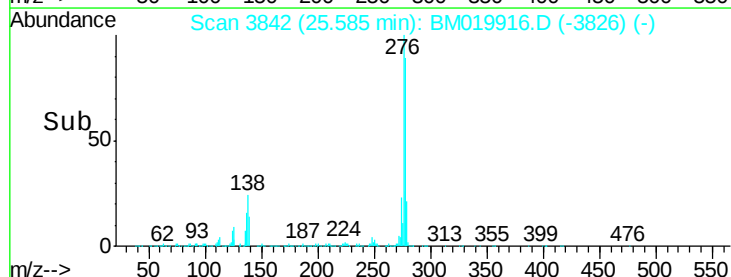
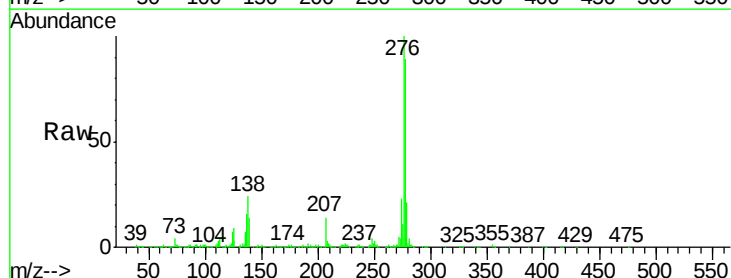
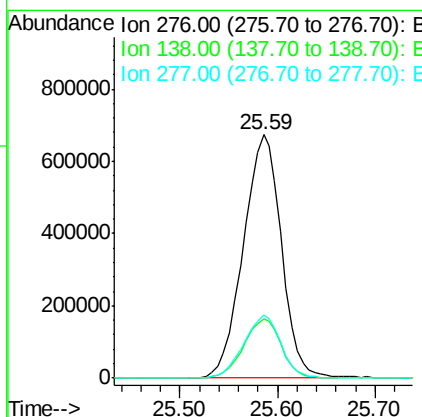
RT: 25.59 min Scan# 3842

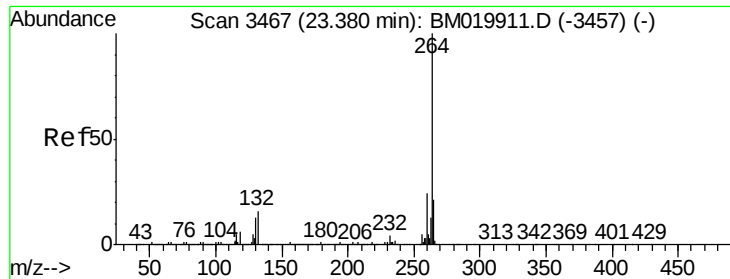
Delta R.T. -0.01 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Tgt Ion:	276	Resp:	1838391
Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.0	28.6
277	25.3	20.3	30.5





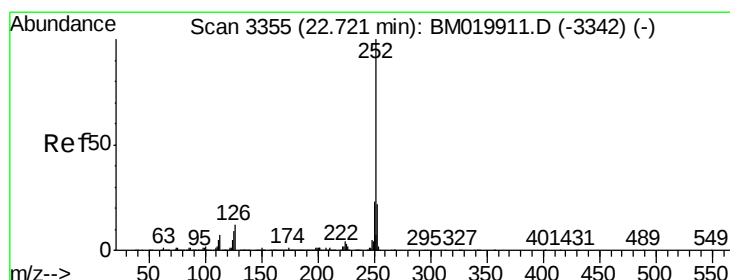
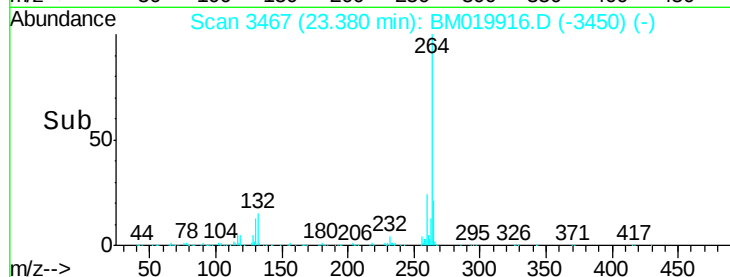
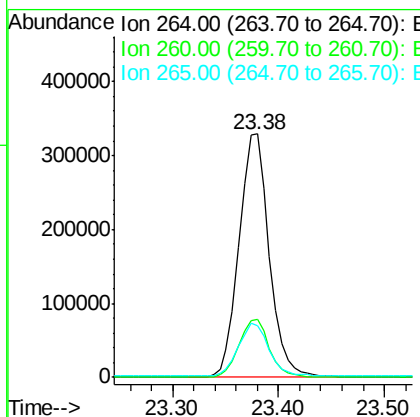
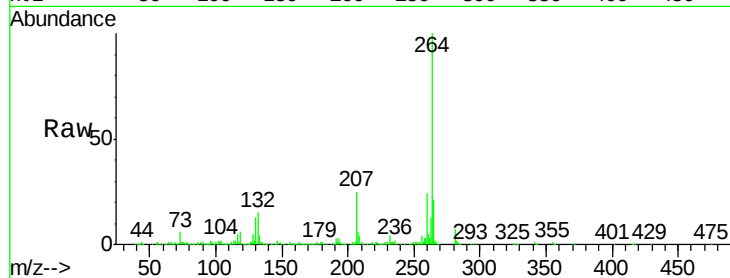
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.2	25.8

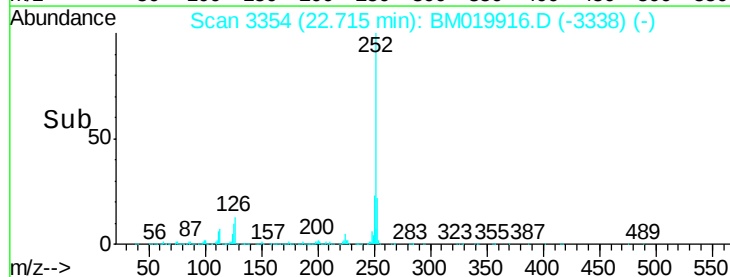
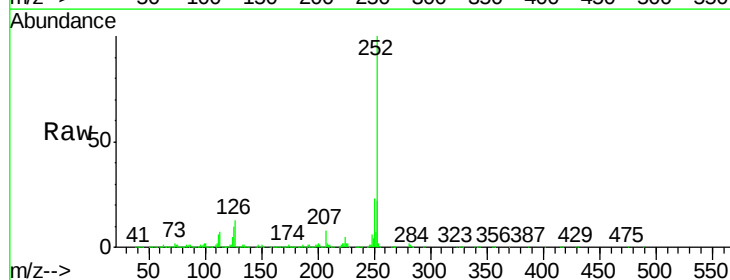
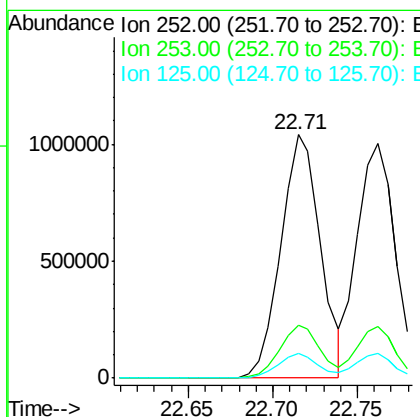
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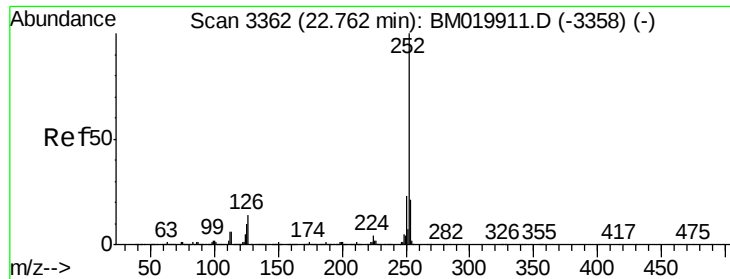
Sohil
4/16/2019 5:25:41 PM



#88
Benzo(b)fluoranthene
Concen: 39.049 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.2	7.6	11.4





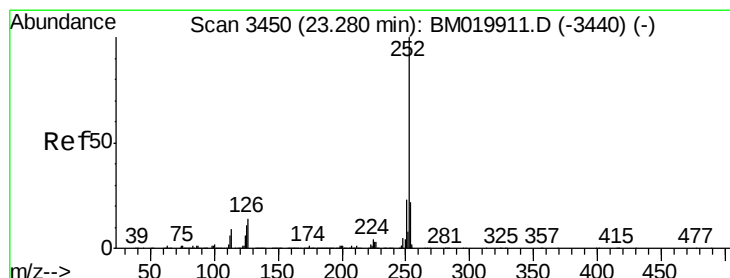
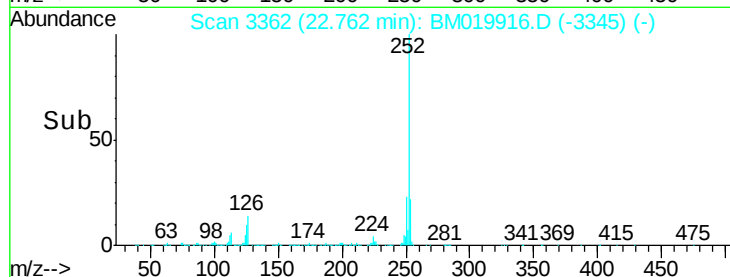
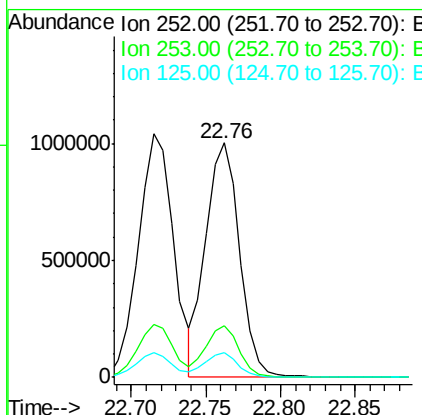
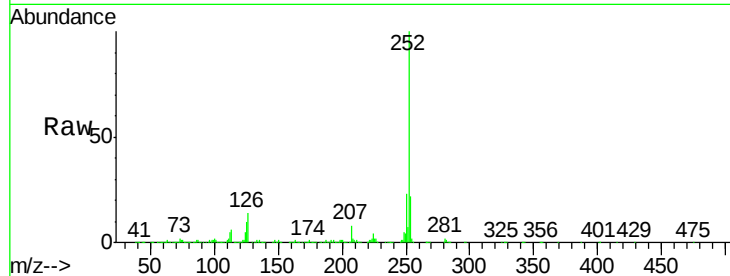
#89
Benzo(k)fluoranthene
Concen: 38.483 ng
RT: 22.76 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Instrument :
BNA_M
ClientSampled :
ICVBM041519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.4	8.2	12.4

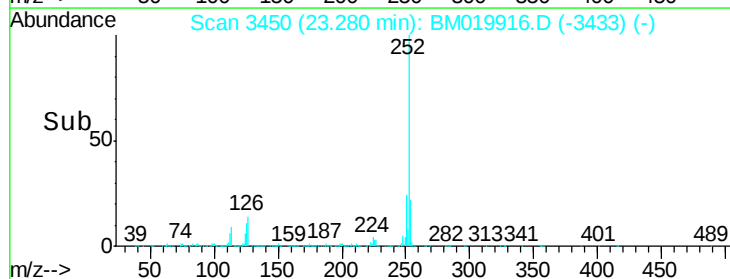
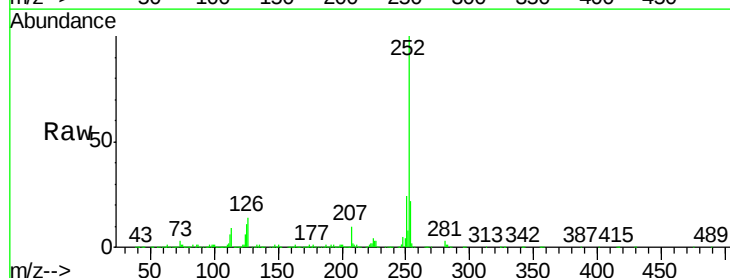
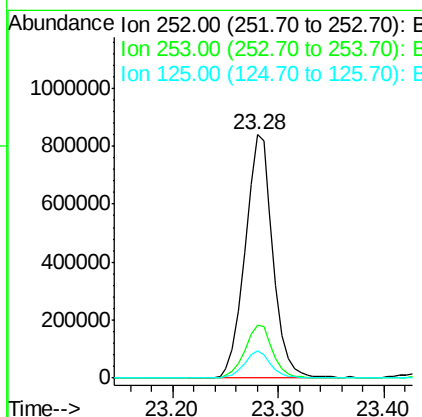
Manual Integrations
APPROVED

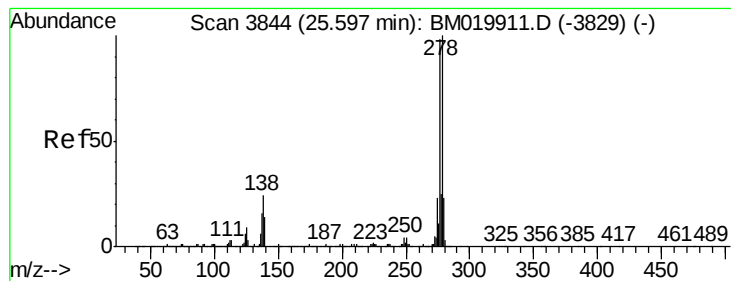
Sohil
4/16/2019 5:25:41 PM



#90
Benzo(a)pyrene
Concen: 39.669 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM019916.D
Acq: 15 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	11.3	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 41.673 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

Instrument :

BNA_M

ClientSampleId :

ICVBM041519

Tgt Ion:278 Resp: 1544601

Ion Ratio Lower Upper

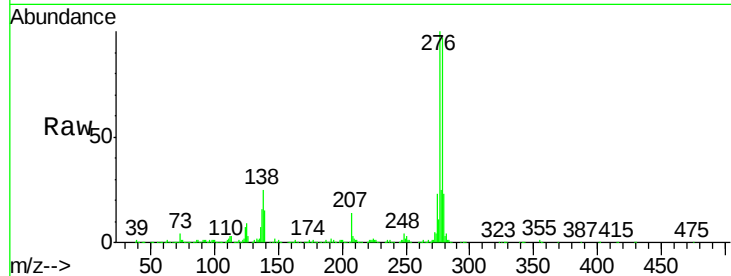
278 100

139 15.1 11.6 17.4

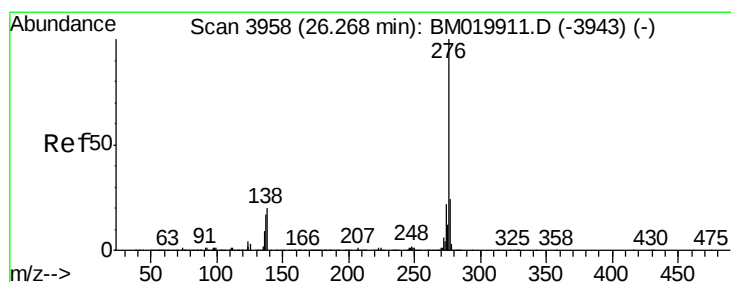
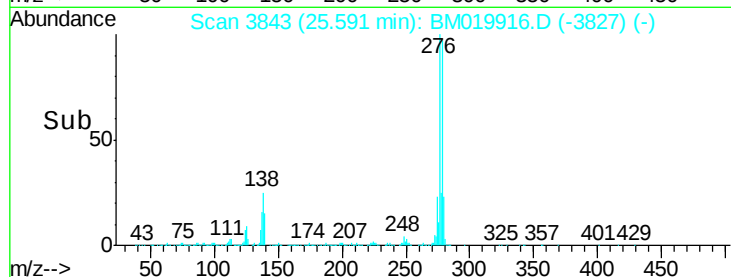
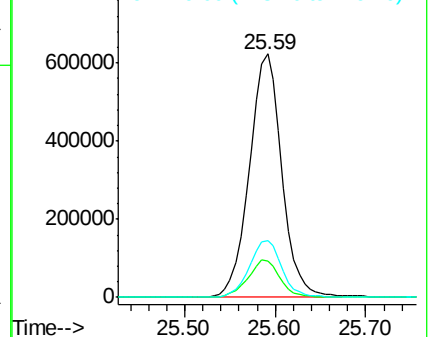
279 23.5 18.4 27.6

Manual Integrations
APPROVED

Sohil
4/16/2019 5:25:41 PM



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



#92

Benzo(g,h,i)perylene

Concen: 42.272 ng

RT: 26.27 min Scan# 3958

Delta R.T. -0.00 min

Lab File: BM019916.D

Acq: 15 Apr 2019 16:45

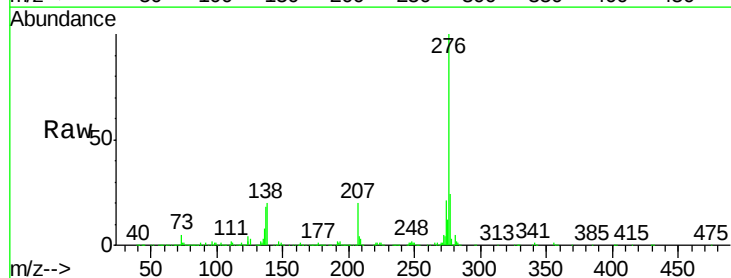
Tgt Ion:276 Resp: 1419111

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 19.5 16.2 24.4



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

