

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019956.D
 Acq On : 18 Apr 2019 16:40
 Operator : JU/SJ
 Sample : PB118968BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Manual Integrations
 APPROVED

Sohil
 4/22/2019 2:53:02 AM

Quant Time: Apr 19 01:00:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	82626	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	323237	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	172876	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	367008	20.00	ng	0.00
76) Chrysene-d12	21.16	240	408631	20.00	ng	0.00
87) Perylene-d12	23.35	264	414363	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	395168	77.51	ng	0.00
7) Phenol-d6	6.70	99	546970	71.29	ng	0.00
23) Nitrobenzene-d5	8.69	82	578459	80.03	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	204223	73.39	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1109308	79.97	ng	0.00
79) Terphenyl-d14	19.59	244	1855009	80.07	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.10	88	97428	44.283 ng	98
3) Pyridine	3.50	79	253596	41.158 ng	99
4) n-Nitrosodimethylamine	3.43	42	81115	40.867 ng	94
6) Aniline	6.86	93	353556	35.676 ng	99
8) 2-Chlorophenol	7.08	128	235604	37.155 ng	99
9) Benzaldehyde	6.69	77	176507	38.684 ng	99
10) Phenol	6.73	94	305029	36.386 ng	97
11) bis(2-Chloroethyl)ether	6.96	93	224348	36.577 ng	98
12) 1,3-Dichlorobenzene	7.39	146	261748	39.319 ng	98
13) 1,4-Dichlorobenzene	7.55	146	269330	39.876 ng	99
14) 1,2-Dichlorobenzene	7.86	146	258929	38.663 ng	99
15) Benzyl Alcohol	7.77	79	239983	34.404 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.03	45	204022	34.893 ng	99
17) 2-Methylphenol	7.97	107	197297	35.560 ng	99
18) Hexachloroethane	8.56	117	101531	38.672 ng	96
19) n-Nitroso-di-n-propylamine	8.32	70	213098	31.595 ng	98
20) 3+4-Methylphenols	8.30	107	263238	34.538 ng	99
22) Acetophenone	8.35	105	374611	42.550 ng	# 99
24) Nitrobenzene	8.73	77	314587	42.015 ng	98
25) Isophorone	9.24	82	532718	37.862 ng	99
26) 2-Nitrophenol	9.43	139	125084	39.202 ng	98
27) 2,4-Dimethylphenol	9.49	122	178640	39.597 ng	98
28) bis(2-Chloroethoxy)methane	9.73	93	297847	37.805 ng	99
29) 2,4-Dichlorophenol	9.96	162	203915	39.797 ng	98
30) 1,2,4-Trichlorobenzene	10.15	180	234416	42.507 ng	99
31) Naphthalene	10.34	128	722814	41.691 ng	99
32) Benzoic acid	9.67	122	133882	33.246 ng	99
33) 4-Chloroaniline	10.49	127	272077	38.093 ng	99
34) Hexachlorobutadiene	10.59	225	134627	41.392 ng	99
35) Caprolactam	11.34	113	65003m	33.516 ng	
36) 4-Chloro-3-methylphenol	11.62	107	232046	36.447 ng	99
37) 2-Methylnaphthalene	11.96	142	500226	39.630 ng	99
38) 1-Methylnaphthalene	12.19	142	476413	38.227 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	232497	43.595 ng	100

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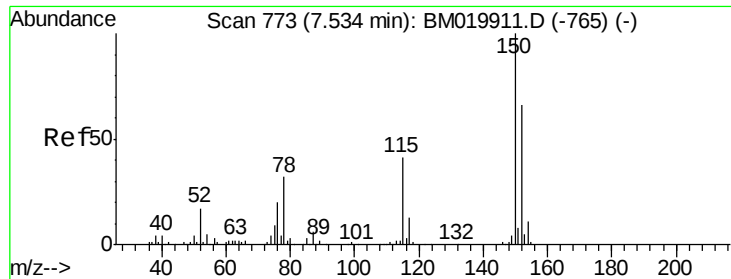
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	147277	78.292	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	149716	41.407	ng	97
44) 2,4,5-Trichlorophenol	12.69	196	152502	40.525	ng	97
46) 1,1'-Biphenyl	13.00	154	619513	41.375	ng	99
47) 2-Chloronaphthalene	13.05	162	486533	42.599	ng	100
48) 2-Nitroaniline	13.29	65	164476	39.952	ng	99
49) Acenaphthylene	13.90	152	771534	38.825	ng	99
50) Dimethylphthalate	13.65	163	608417	39.900	ng	100
51) 2,6-Dinitrotoluene	13.79	165	131387	38.965	ng	88
52) Acenaphthene	14.24	154	445253	40.410	ng	98
53) 3-Nitroaniline	14.13	138	131208	38.970	ng	99
54) 2,4-Dinitrophenol	14.36	184	139194	70.145	ng	97
55) Dibenzofuran	14.58	168	730583	40.548	ng	98
56) 4-Nitrophenol	14.47	139	171626	65.728	ng	94
57) 2,4-Dinitrotoluene	14.60	165	185518	38.275	ng	97
58) Fluorene	15.24	166	589964	38.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	129601	37.744	ng	98
60) Diethylphthalate	15.02	149	631227	39.802	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	286978	39.041	ng	95
62) 4-Nitroaniline	15.32	138	121782	36.711	ng	95
63) Azobenzene	15.53	77	678490	40.028	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	94379	40.305	ng	94
66) n-Nitrosodiphenylamine	15.46	169	497085	41.429	ng	100
67) 4-Bromophenyl-phenylether	16.13	248	169051	40.064	ng	97
68) Hexachlorobenzene	16.24	284	206998	40.885	ng	98
69) Atrazine	16.43	200	48197	11.833	ng	96
70) Pentachlorophenol	16.60	266	191849	74.162	ng	98
71) Phenanthrene	16.99	178	896359	41.156	ng	100
72) Anthracene	17.08	178	885265	40.834	ng	100
73) Carbazole	17.37	167	810654	40.050	ng	99
74) Di-n-butylphthalate	17.91	149	1062915	39.986	ng	99
75) Fluoranthene	19.02	202	1022484	40.795	ng	99
77) Benzidine	19.24	184	636064	56.415	ng	100
78) Pyrene	19.39	202	1059282	39.145	ng	99
80) Butylbenzylphthalate	20.29	149	508923	38.791	ng	99
81) Benzo(a)anthracene	21.14	228	1057626	40.858	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	417750	43.376	ng	98
83) Chrysene	21.20	228	1001478	40.342	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	748894	38.342	ng	99
85) Di-n-octyl phthalate	21.93	149	1322975	41.744	ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	1485144	60.815	ng	100
88) Benzo(b)fluoranthene	22.69	252	1151943	41.867	ng	99
89) Benzo(k)fluoranthene	22.74	252	1134085	43.782	ng	99
90) Benzo(a)pyrene	23.26	252	1112491	45.633	ng	99
91) Dibenzo(a,h)anthracene	25.55	278	1266833	53.897	ng	99
92) Benzo(g,h,i)perylene	26.21	276	1219675	57.291	ng	100

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



#1

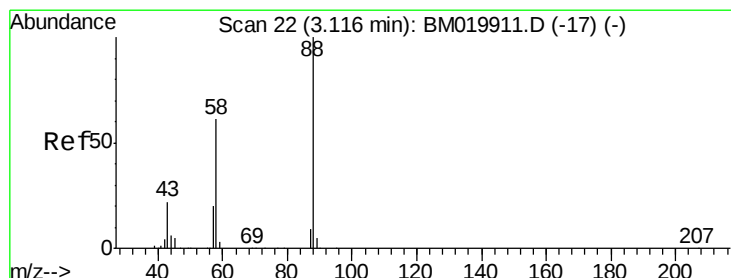
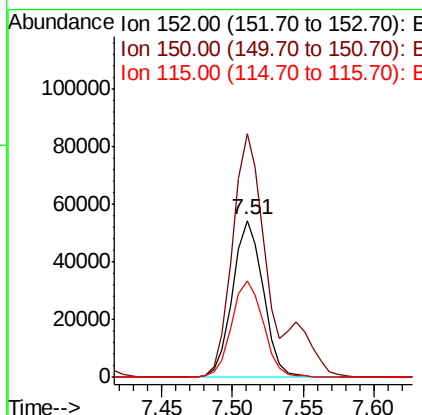
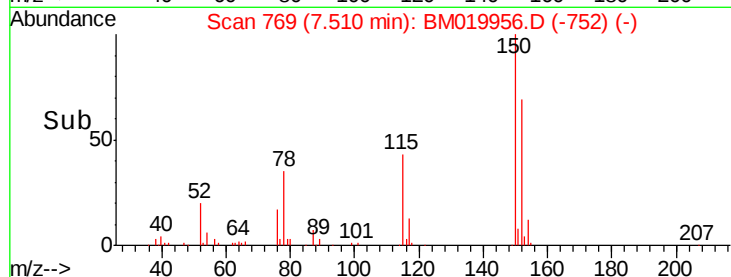
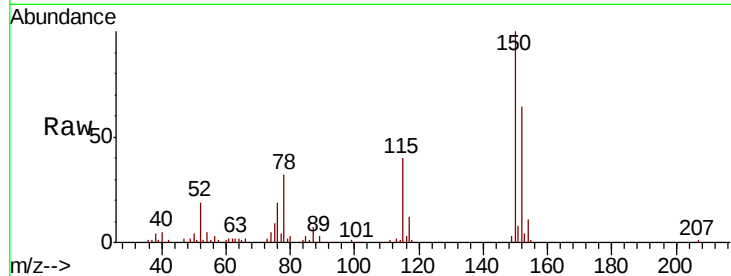
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleID :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.1	183.1
115	61.6	50.0	75.0

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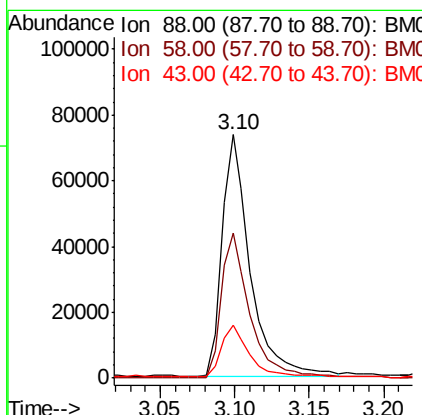
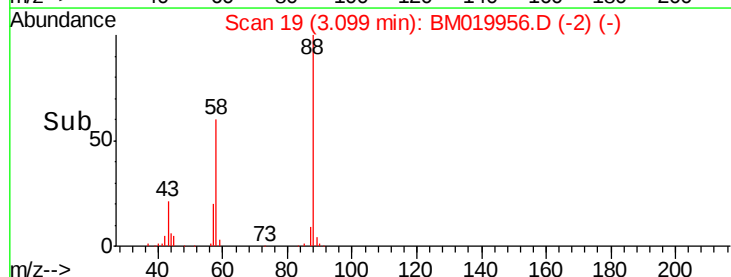
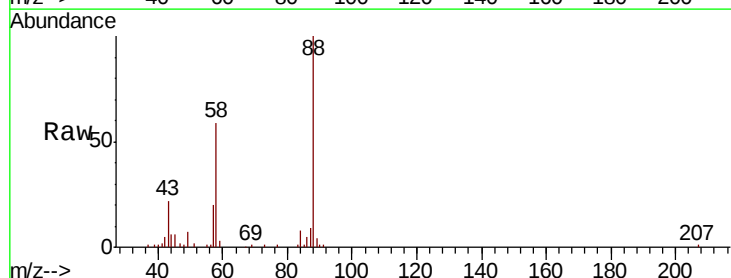
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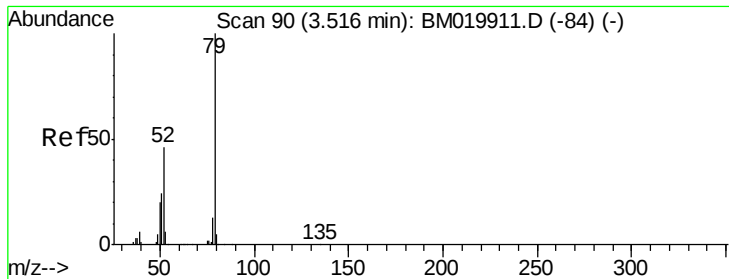


#2

1,4-Dioxane
Concen: 44.283 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	49.6	74.4
43	20.9	18.6	27.8





#3

Pvridine

Concen: 41.158 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

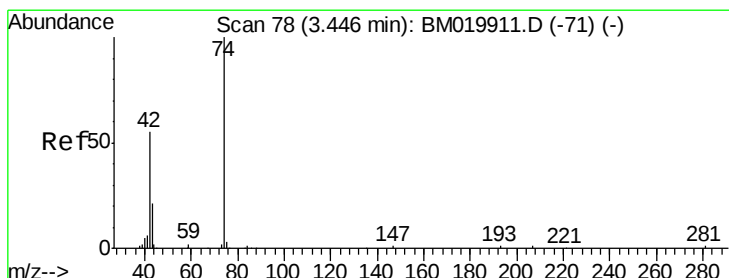
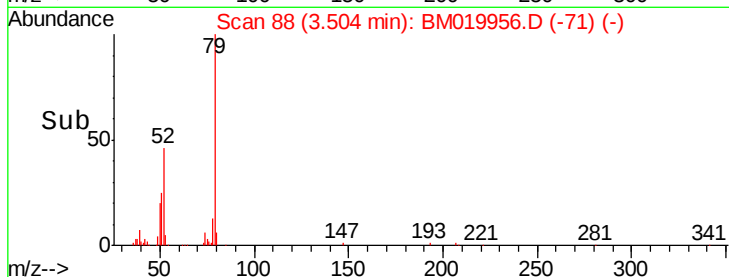
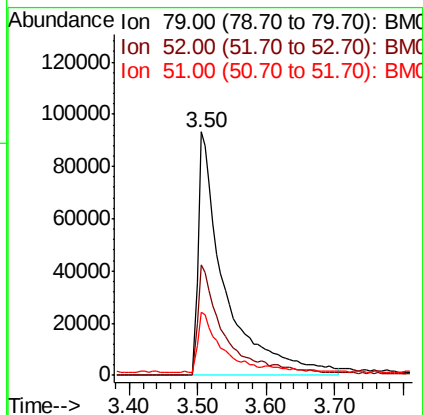
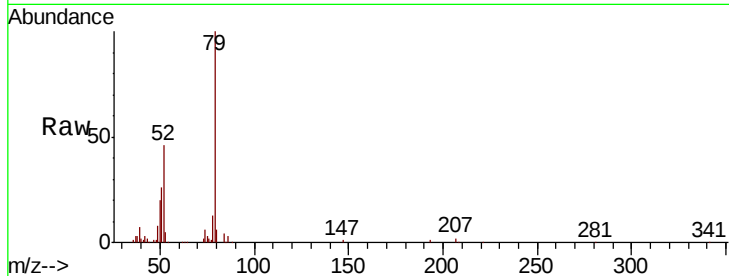
ClientSampleId :

PB118968BSD

Tot Ion:	79	Resp:	253596
Ion Ratio	Lower	Upper	
79	100		
52	45.6	36.9	55.3
51	26.1	20.0	30.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.867 ng

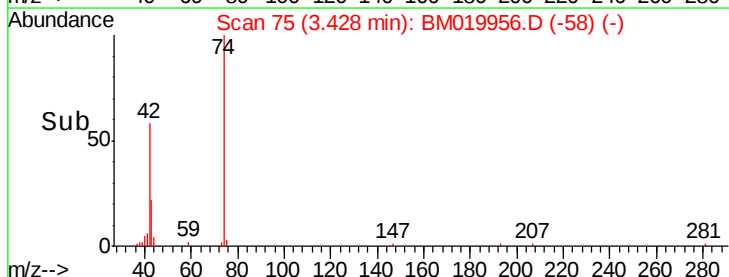
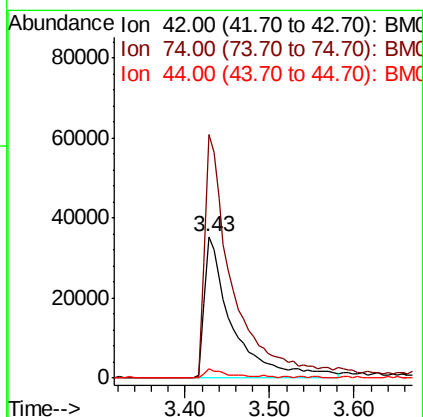
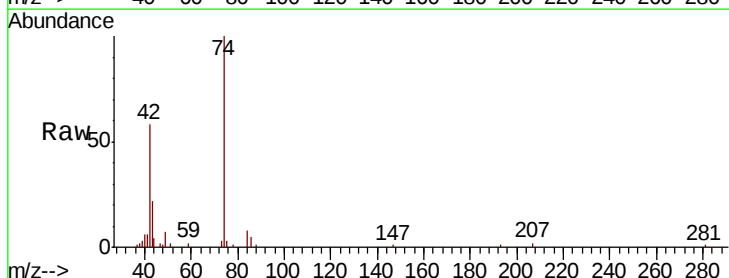
RT: 3.43 min Scan# 75

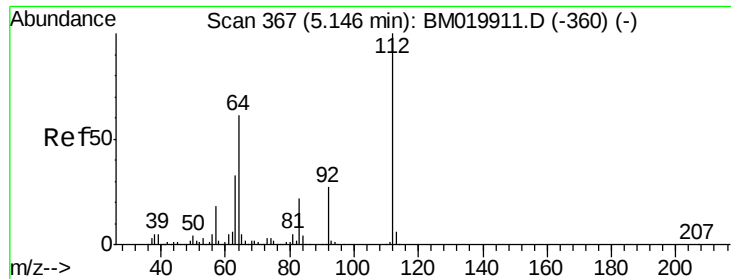
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	42	Resp:	81115
Ion Ratio	Lower	Upper	
42	100		
74	172.2	144.6	217.0
44	6.4	5.4	8.2





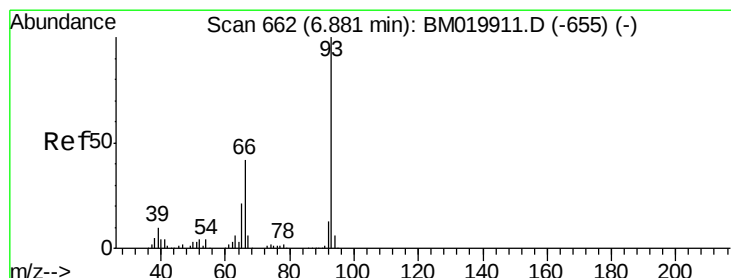
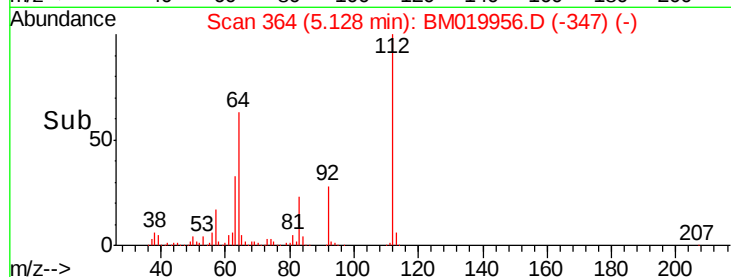
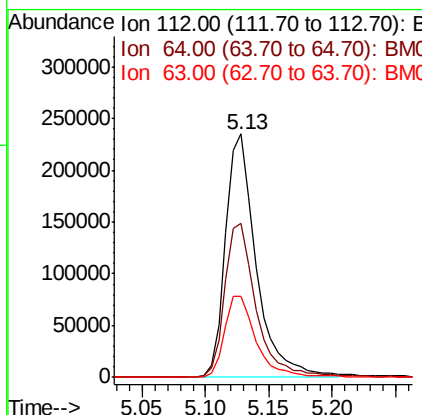
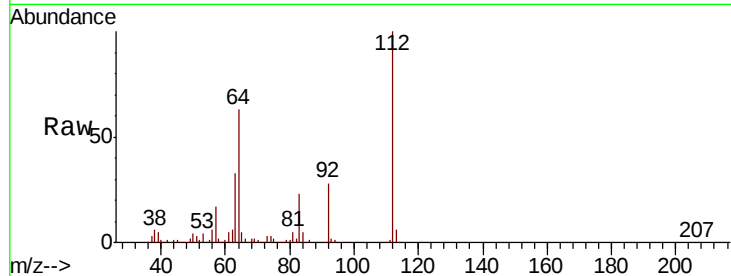
#5
2-Fluorophenol
Concen: 77.509 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
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ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	395168		
64	63.3	49.1	73.7	
63	33.4	26.5	39.7	

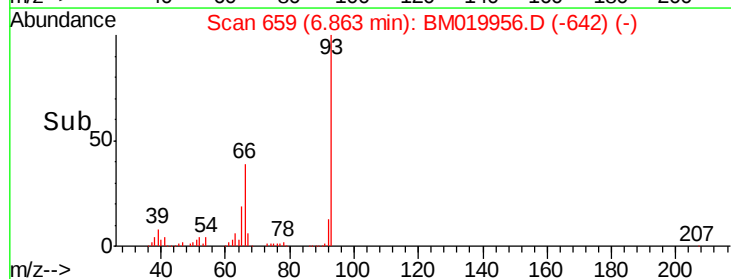
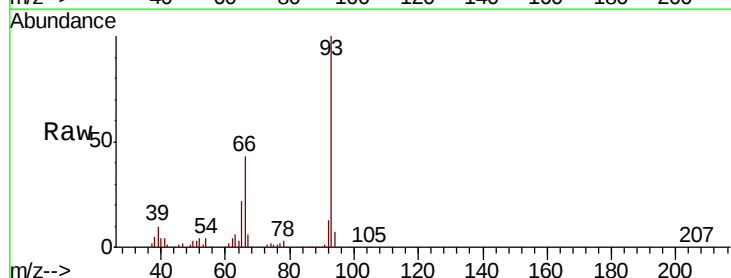
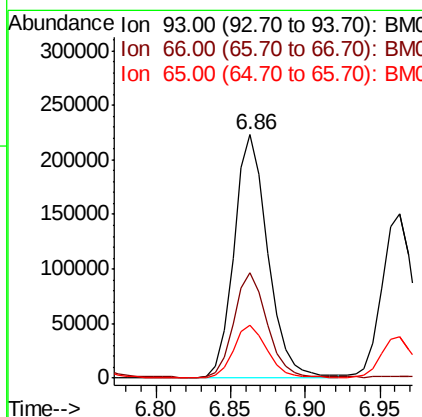
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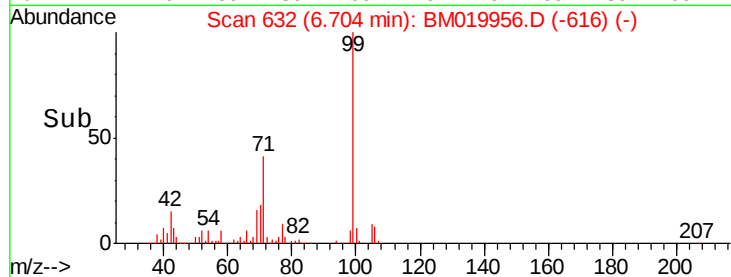
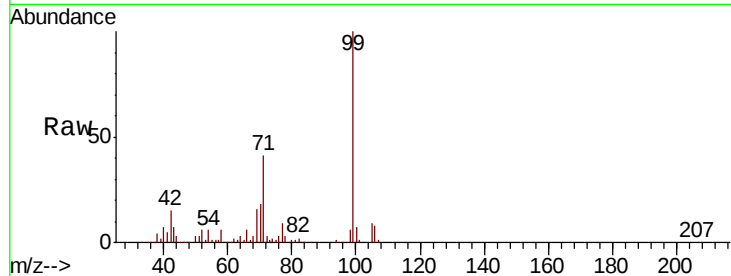
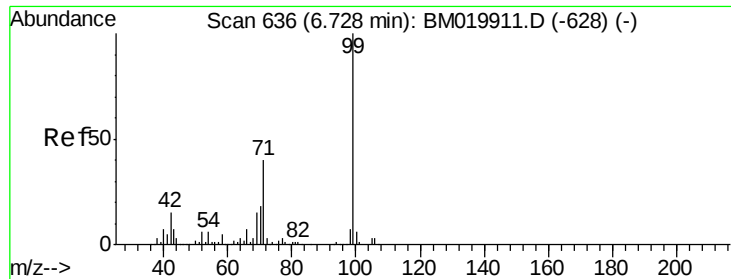
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#6
Aniline
Concen: 35.676 ng
RT: 6.86 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	353556		
66	43.2	33.9	50.9	
65	21.9	17.0	25.6	





#7

Phenol-d6

Concen: 71.286 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		546970		
42	14.9	11.8		17.8	
71	41.5	32.0		48.0	

Instrument :

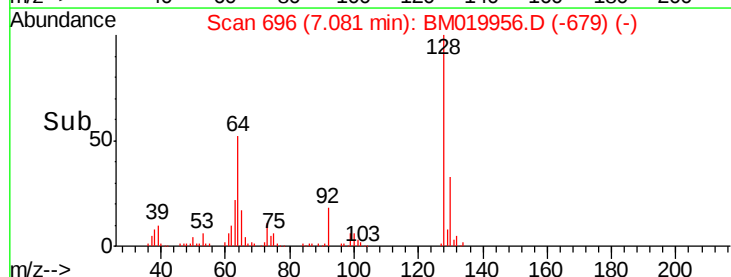
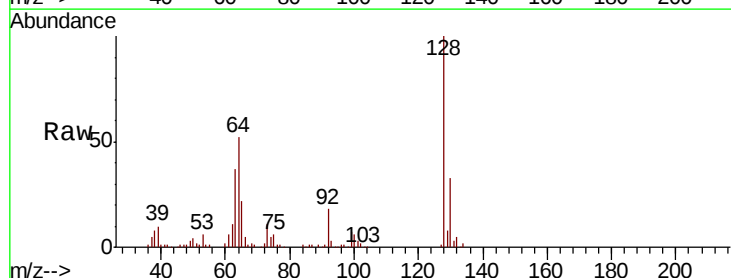
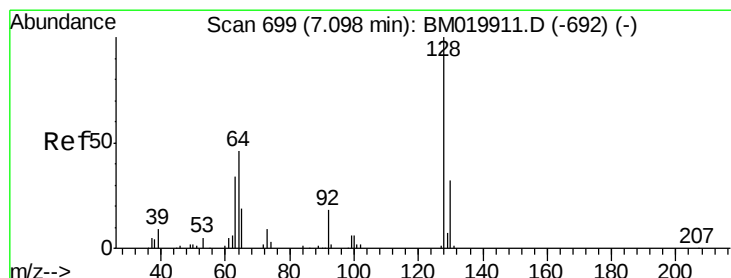
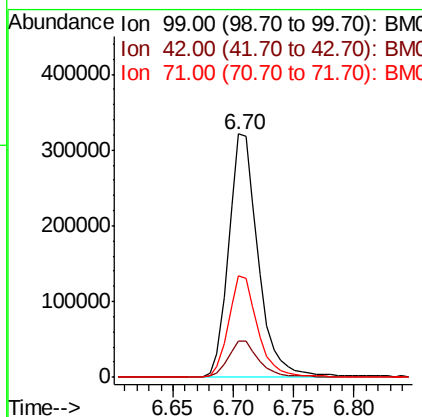
BNA_M

ClientSampleId :

PB118968BSD

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#8

2-Chlorophenol

Concen: 37.155 ng

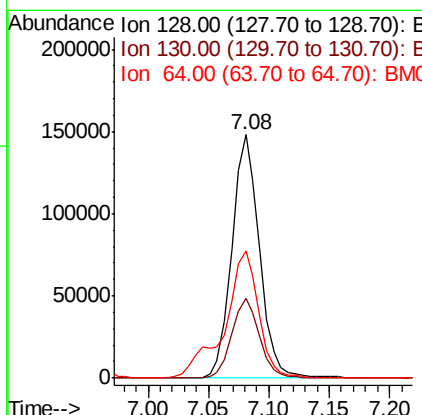
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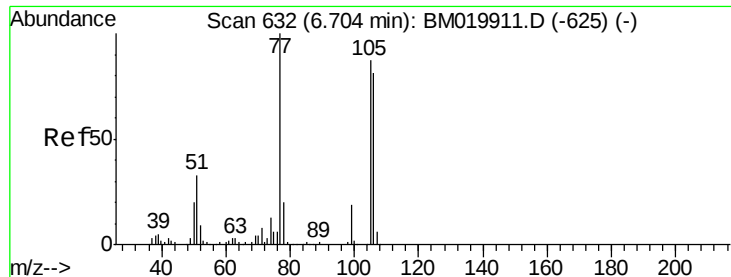
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		235604		
130	32.9	12.0		52.0	
64	52.1	33.0		73.0	





#9

Benzaldehyde

Concen: 38.684 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

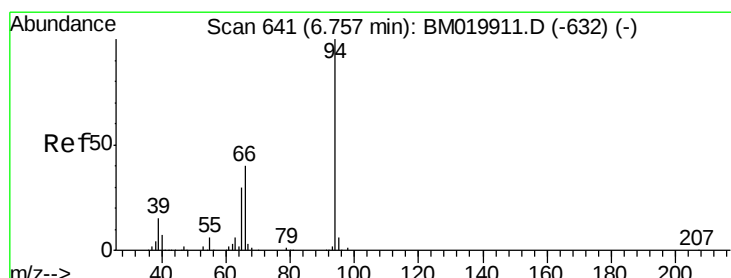
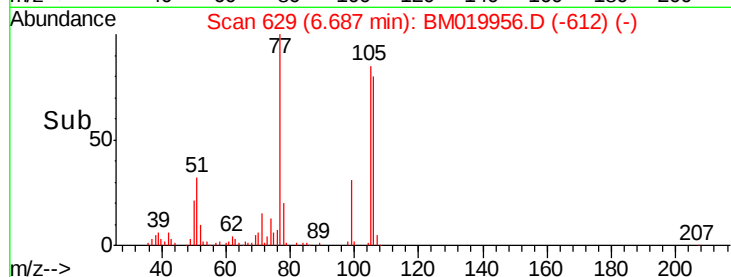
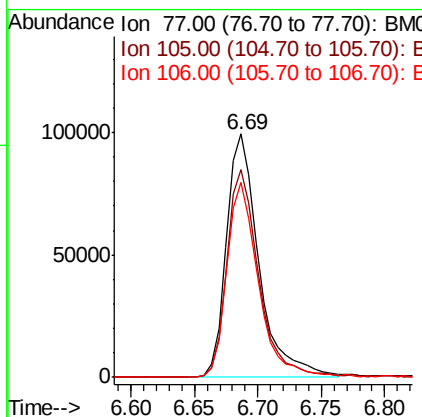
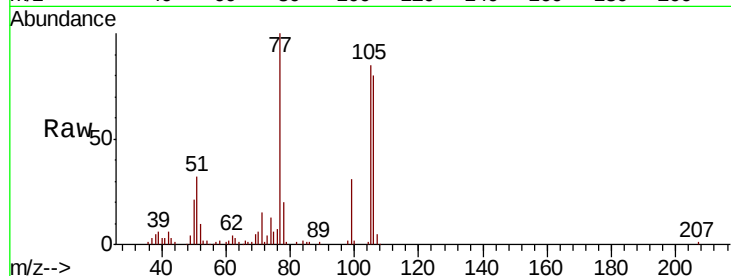
ClientSampled :

PB118968BSD

Tot Ion:	77	Resp:	176507
Ion Ratio	Lower	Upper	
77	100		
105	85.1	67.3	107.3
106	80.2	60.6	100.6

Manual Integrations
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#10

Phenol

Concen: 36.386 ng

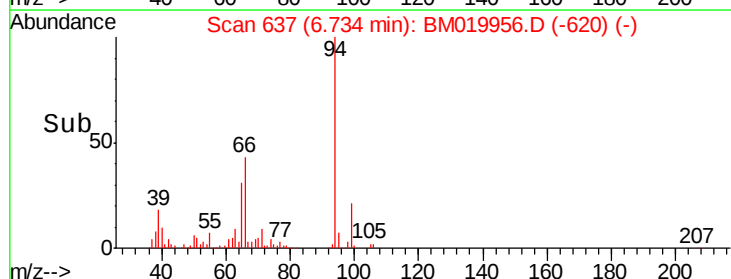
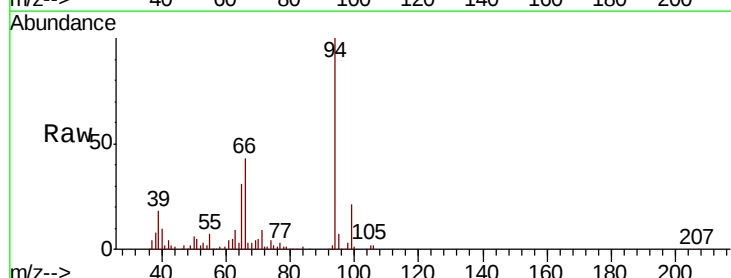
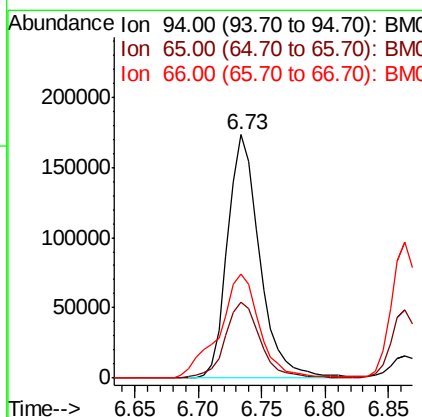
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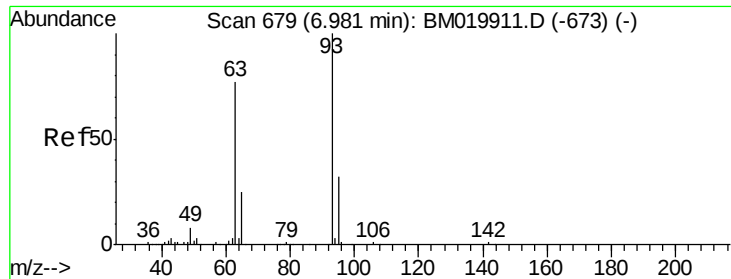
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	94	Resp:	305029
Ion Ratio	Lower	Upper	
94	100		
65	31.0	10.0	50.0
66	42.5	20.2	60.2





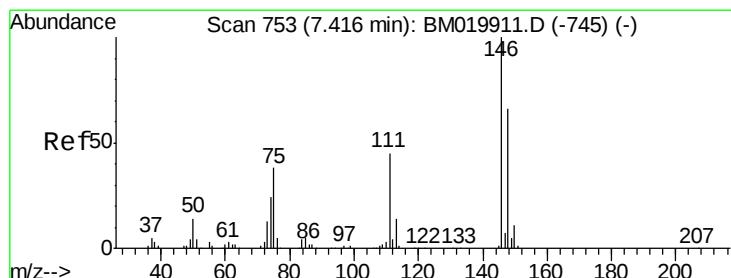
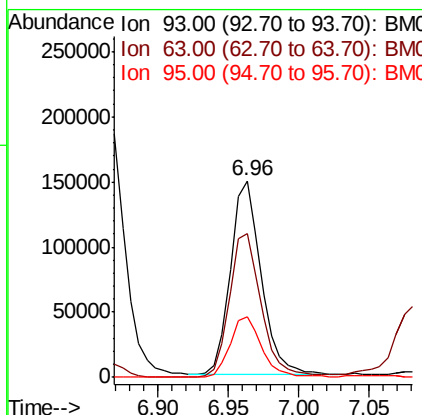
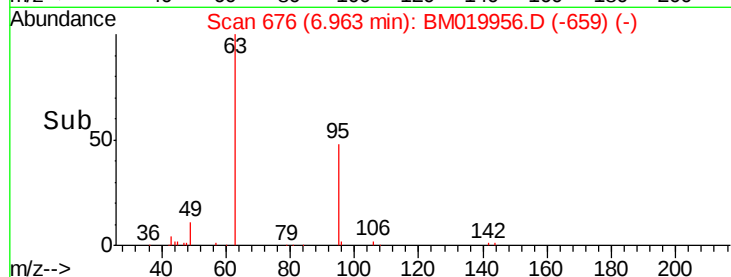
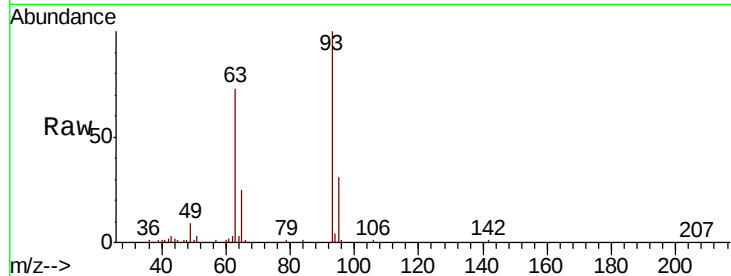
#11
bis(2-Chloroethyl)ether
Concen: 36.577 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampled :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	224348		
63	73.4		55.8	95.8
95	30.8		11.6	51.6

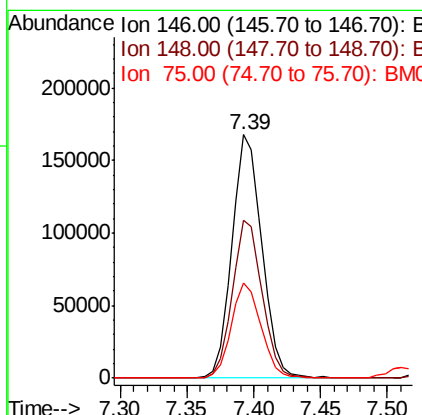
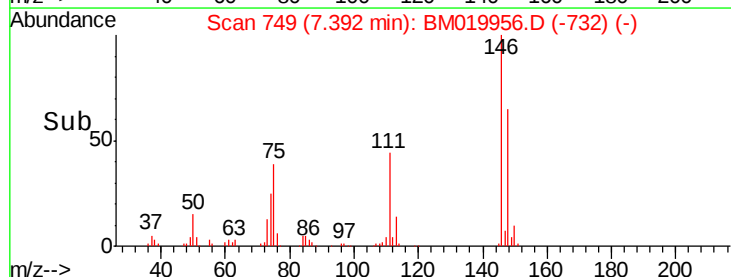
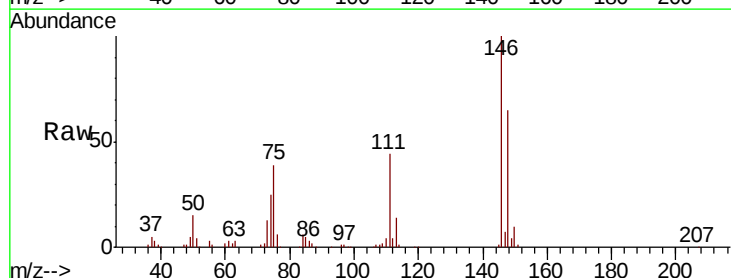
Manual Integrations
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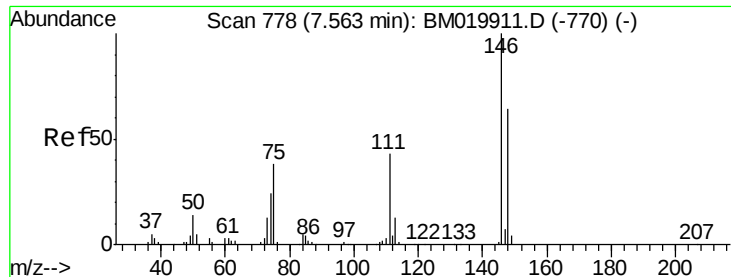
Sohil
4/22/2019 2:53:02 AM



#12
1,3-Dichlorobenzene
Concen: 39.319 ng
RT: 7.39 min Scan# 749
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	261748		
148	64.7		52.6	78.8
75	39.0		30.0	45.0





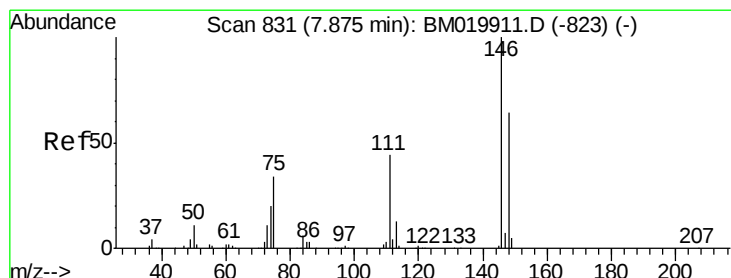
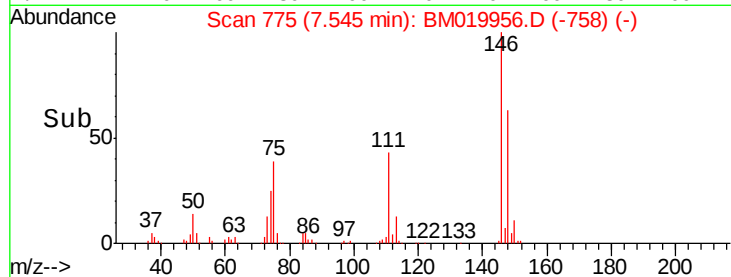
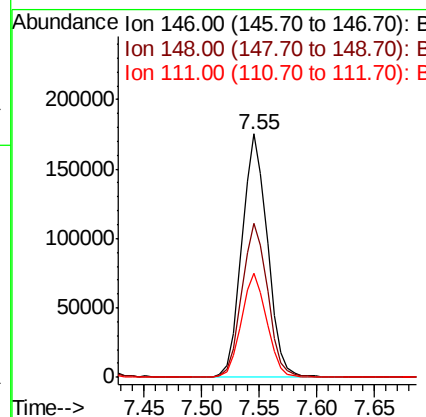
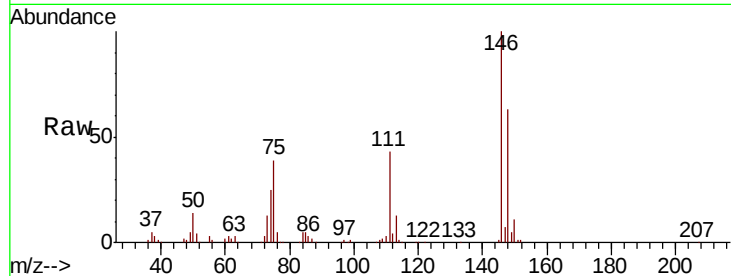
#13
 1,4-Dichlorobenzene
 Concen: 39.876 ng
 RT: 7.55 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	42.7	34.6	51.8

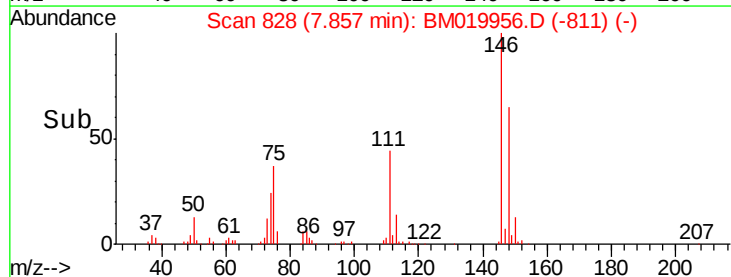
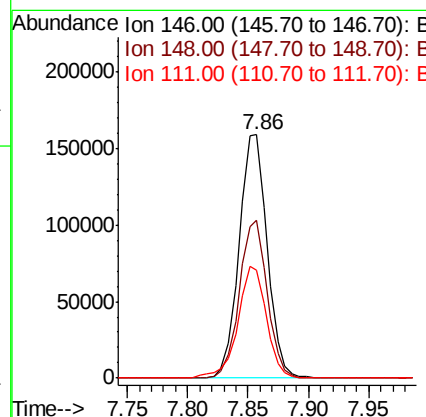
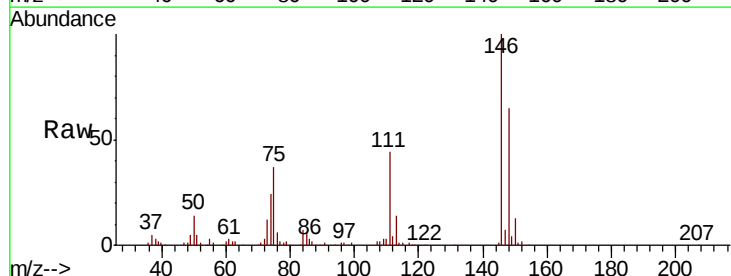
Manual Integrations
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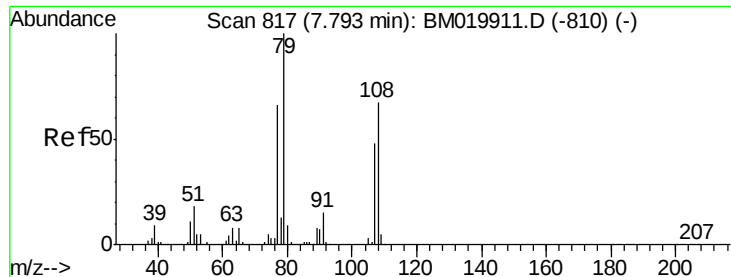
Sohil
 4/22/2019 2:53:02 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.663 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	44.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 34.404 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

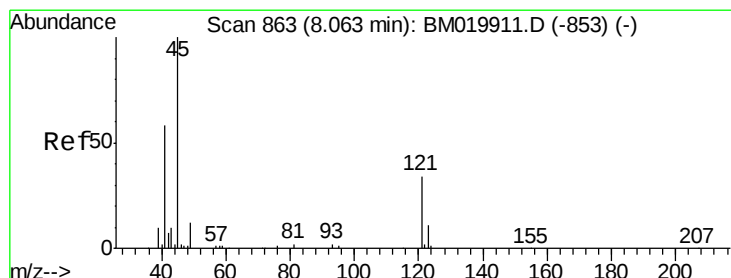
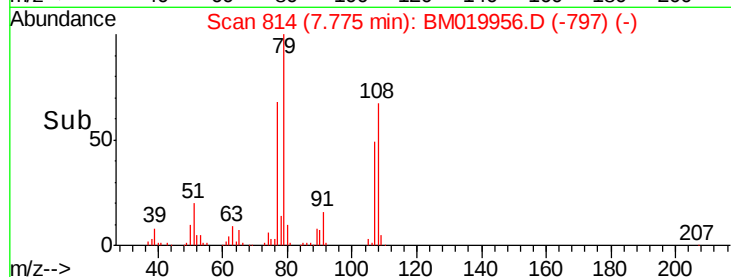
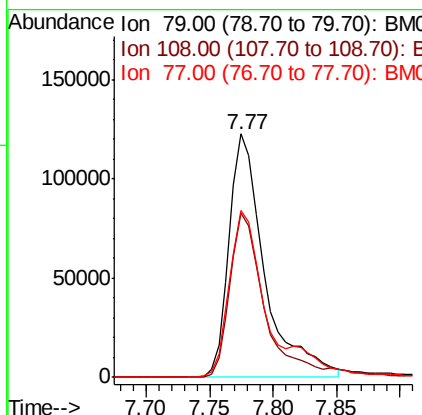
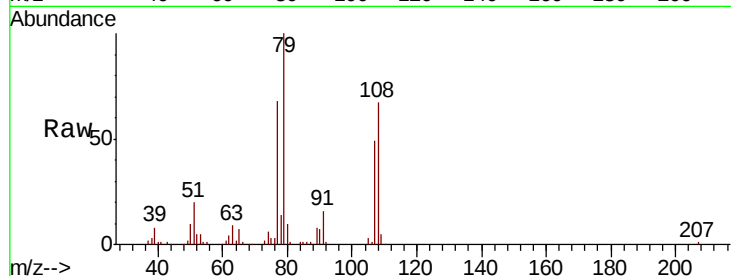
ClientSampleId :

PB118968BSD

Tot Ion:	79	Resp:	239983
Ion Ratio	Lower	Upper	
79	100		
108	67.3	53.9	80.9
77	68.3	53.1	79.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.893 ng

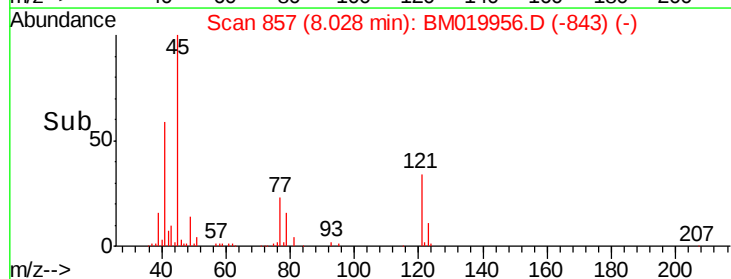
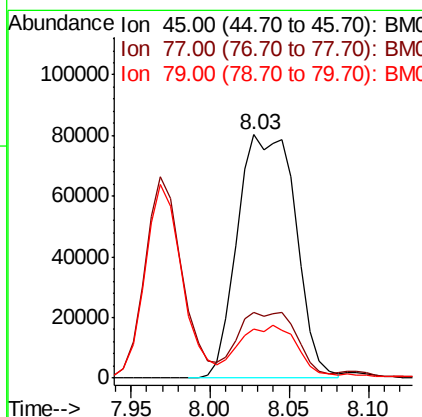
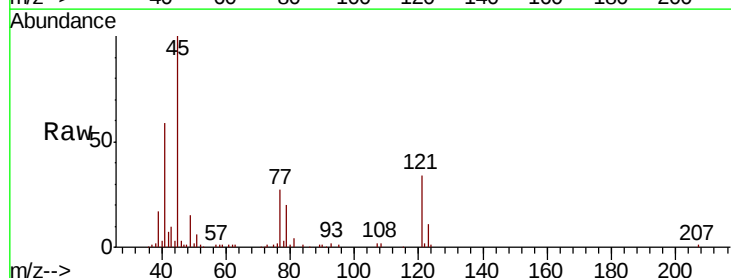
RT: 8.03 min Scan# 857

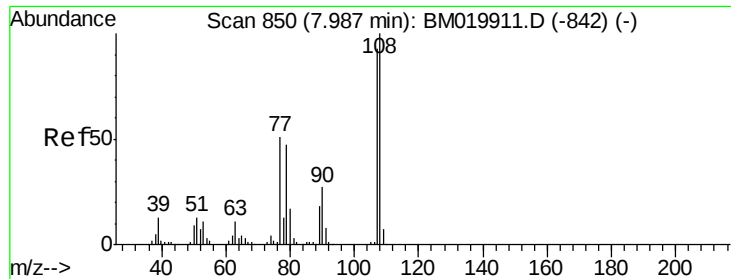
Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	45	Resp:	204022
Ion Ratio	Lower	Upper	
45	100		
77	27.1	7.2	47.2
79	20.1	1.2	41.2





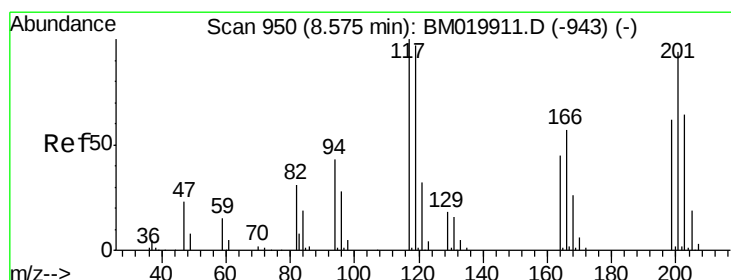
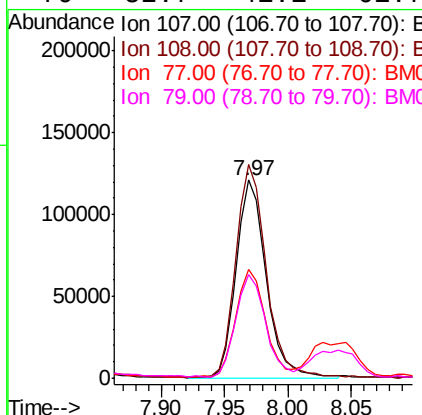
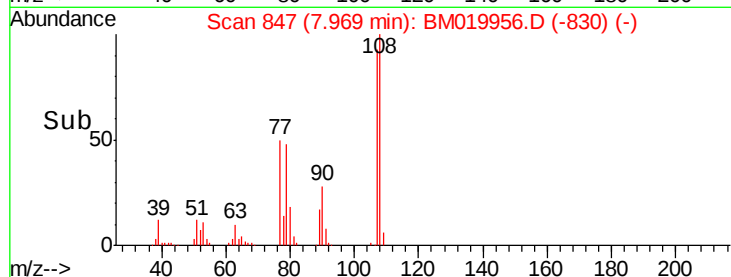
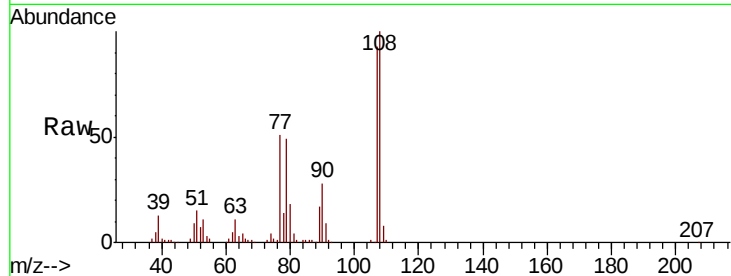
#17
2-Methylphenol
Concen: 35.560 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	85.9	128.9	
77	55.0	43.8	65.6	
79	52.7	41.1	61.7	

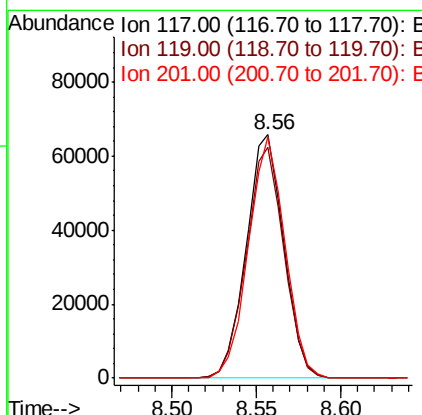
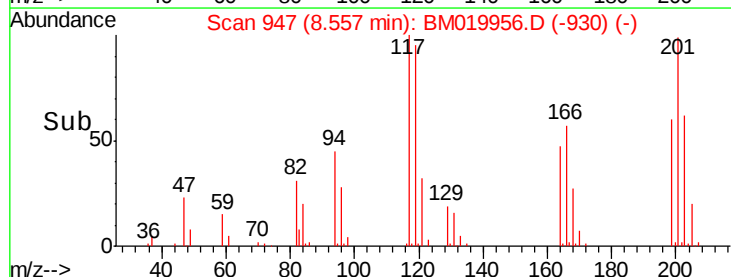
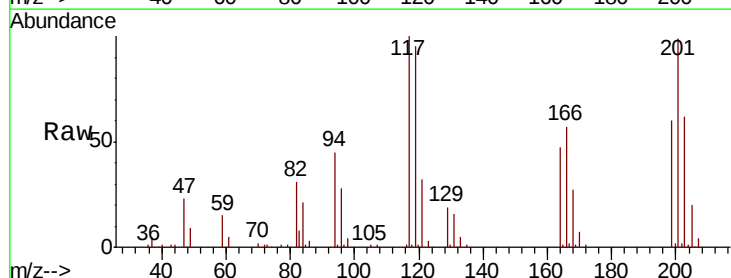
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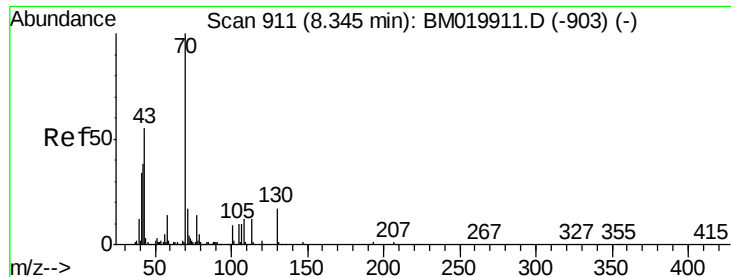
Sohil
4/22/2019 2:53:02 AM



#18
Hexachloroethane
Concen: 38.672 ng
RT: 8.56 min Scan# 947
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.6	116.4	
201	98.9	75.4	113.2	





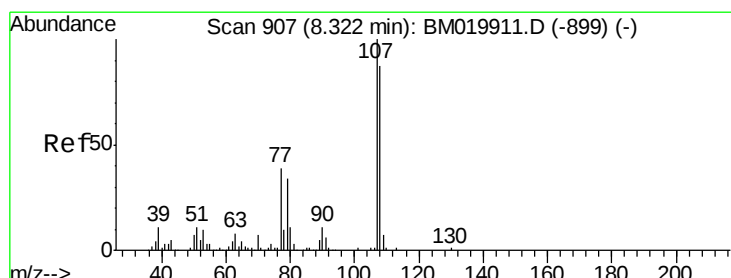
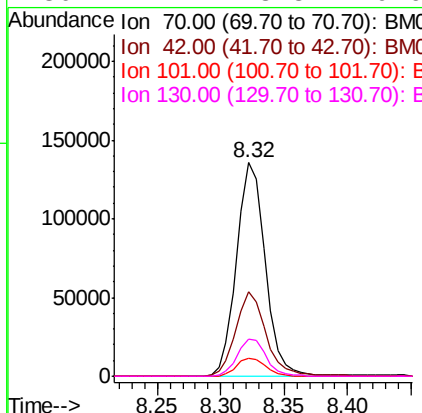
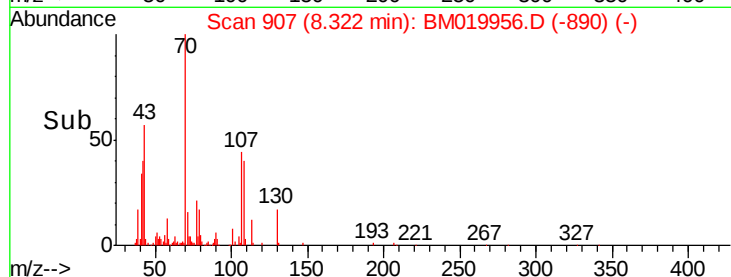
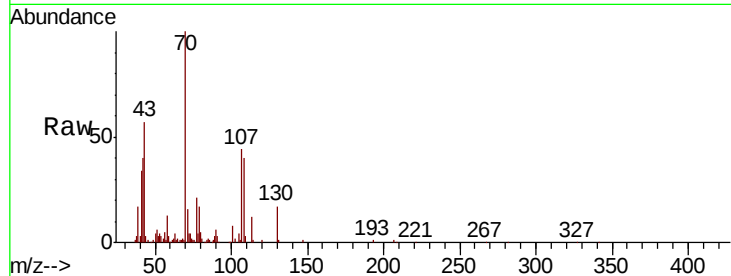
#19
n-Nitroso-di-n-propylamine
Concen: 31.595 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		213098		
42	39.5	30.3	45.5		
101	8.4	6.9	10.3		
130	17.2	13.8	20.6		

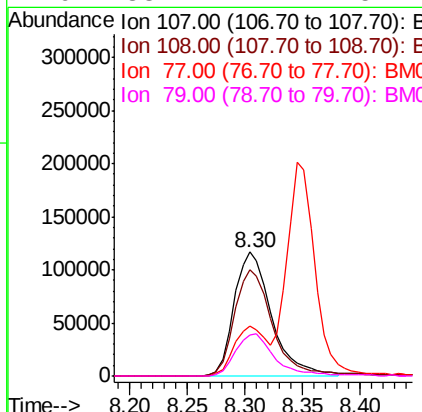
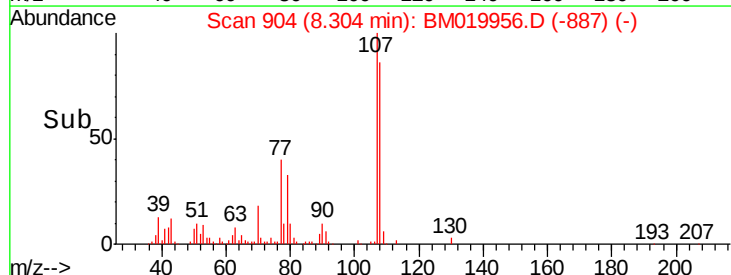
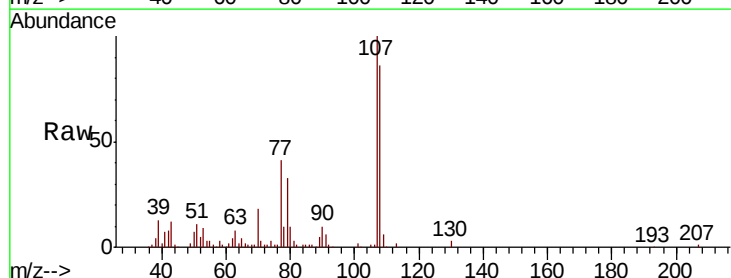
Manual Integrations
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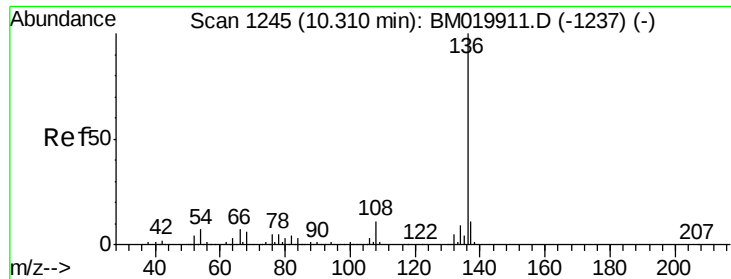
Sohil
4/22/2019 2:53:02 AM



#20
3+4-Methylphenols
Concen: 34.538 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		263238		
108	86.3	67.4	107.4		
77	40.7	19.7	59.7		
79	33.1	14.1	54.1		





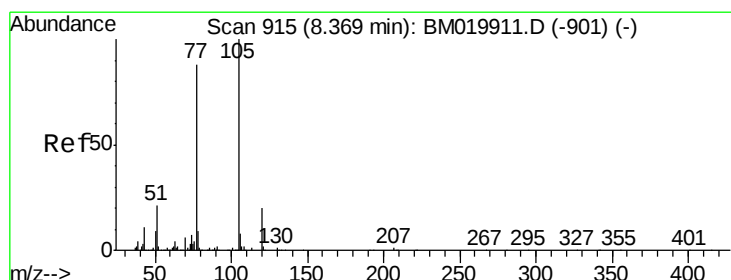
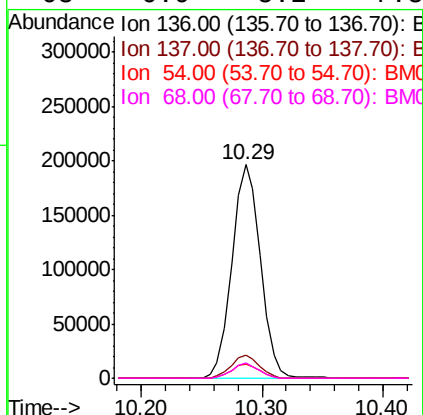
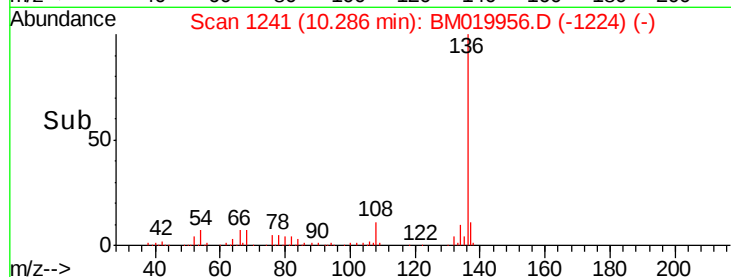
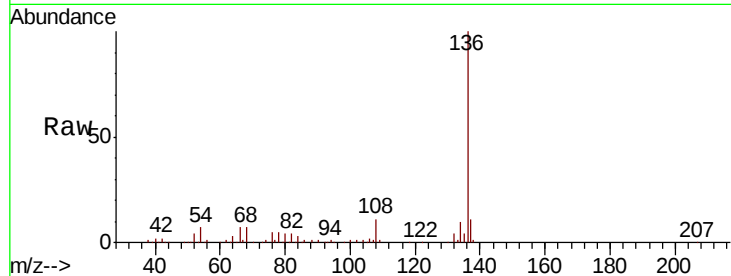
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.5		9.0	13.6	
54	6.5		5.3	7.9	
68	6.9		5.2	7.8	

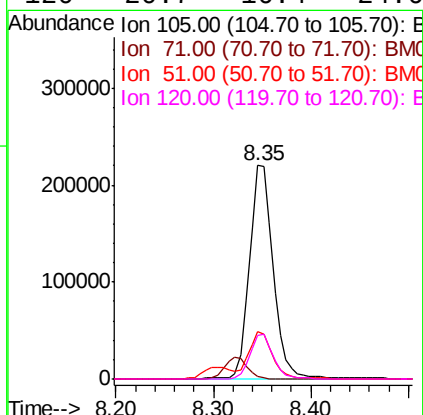
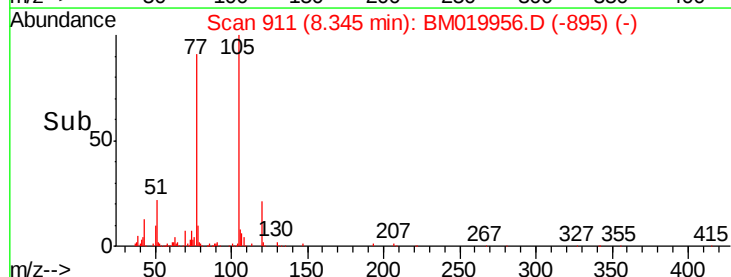
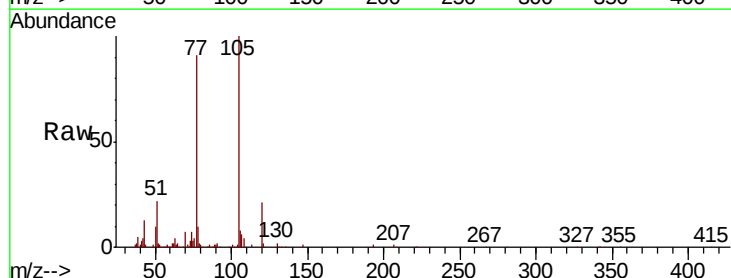
Manual Integrations
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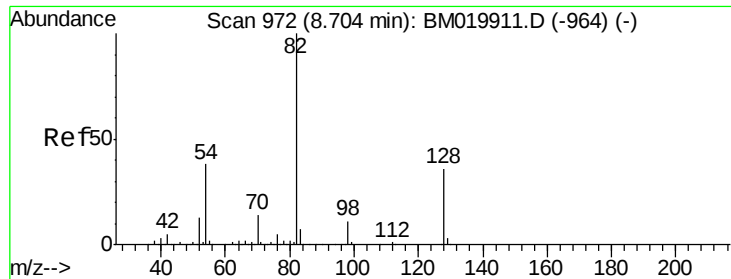
Sohil
4/22/2019 2:53:02 AM



#22
Acetophenone
Concen: 42.550 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.4		0.8	1.2#	
51	22.3		16.9	25.3	
120	20.7		16.4	24.6	





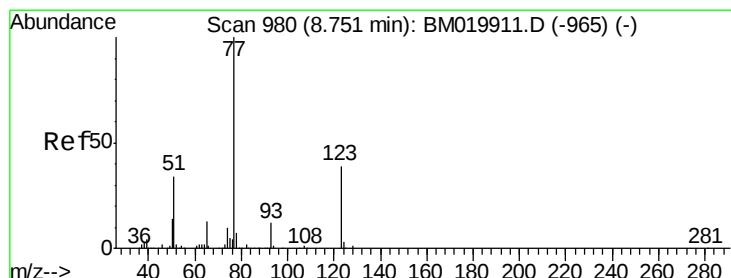
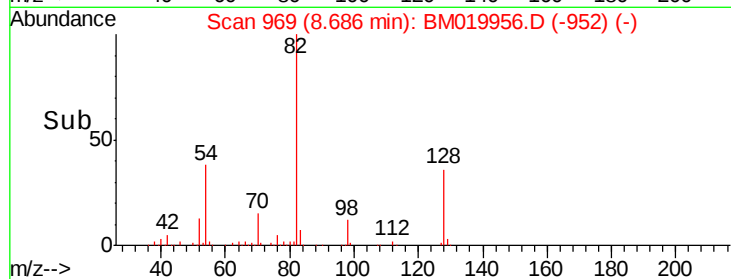
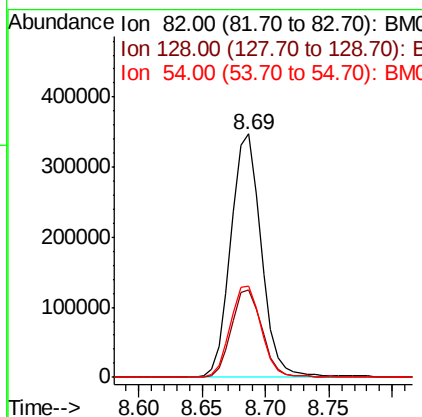
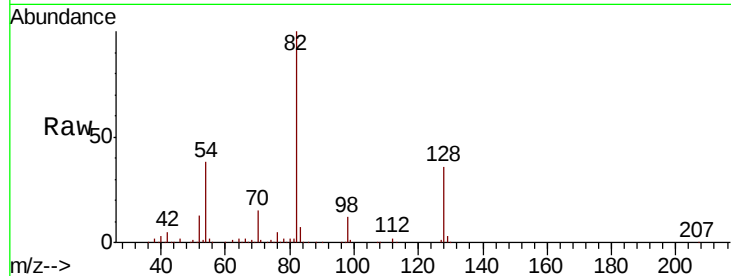
#23
 Nitrobenzene-d5
 Concen: 80.032 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	578459		
128	36.1	29.0	43.4	
54	37.5	30.2	45.4	

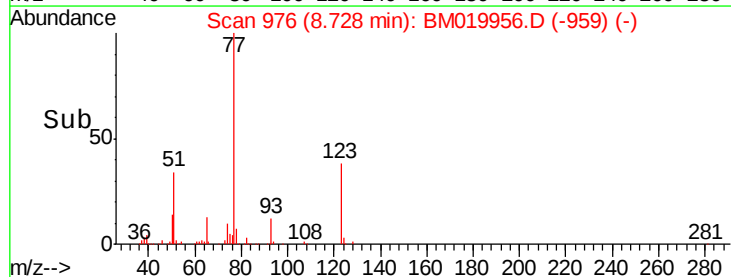
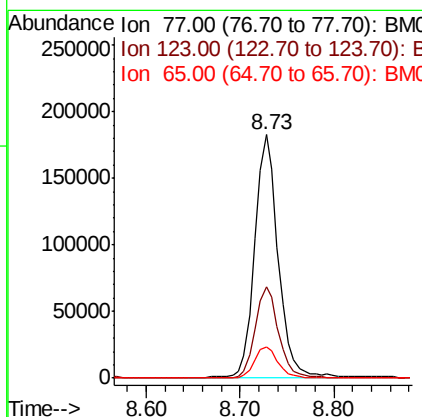
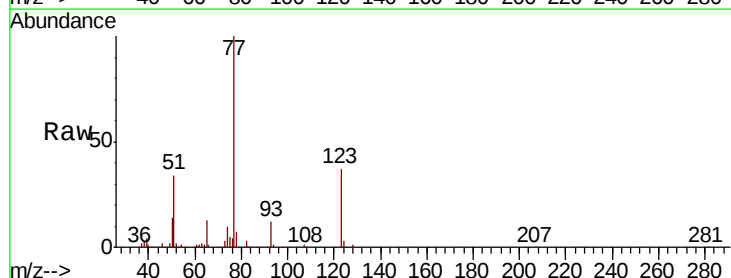
Manual Integrations
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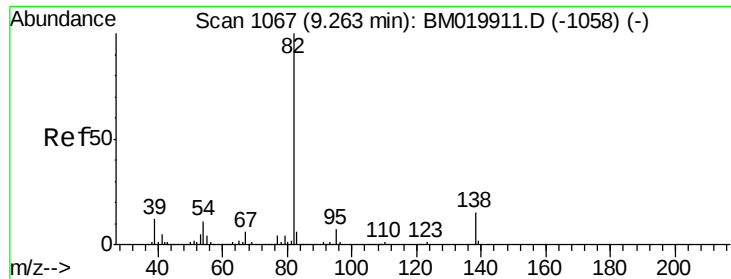
Sohil
 4/22/2019 2:53:02 AM



#24
 Nitrobenzene
 Concen: 42.015 ng
 RT: 8.73 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	314587		
123	37.4	31.0	46.4	
65	12.8	10.6	16.0	





#25

Isophorone

Concen: 37.862 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

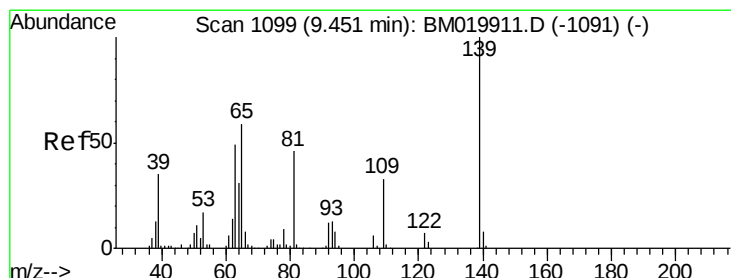
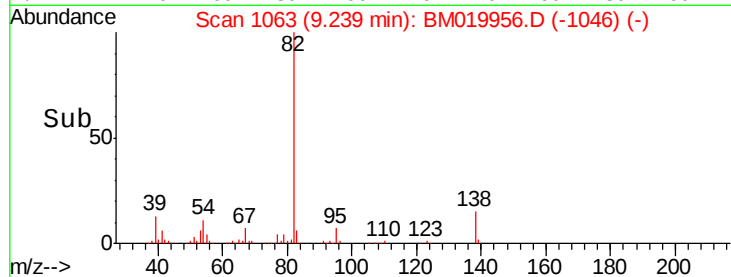
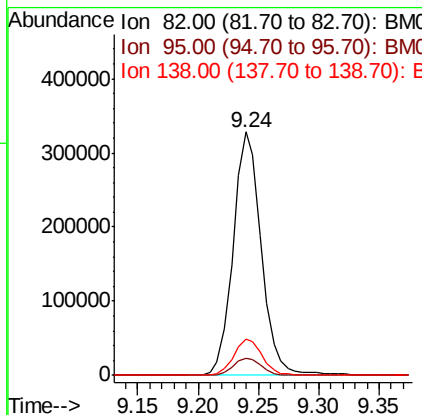
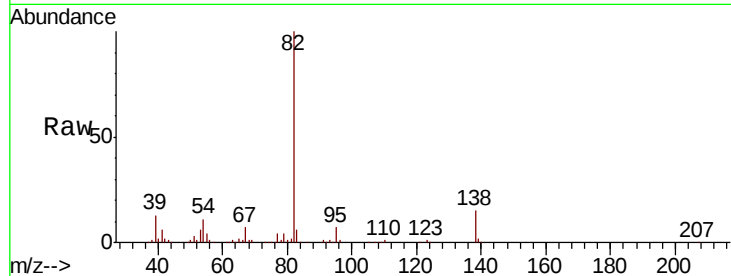
ClientSampleId :

PB118968BSD

Tot Ion	82	Resp	532718
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	15.1	12.2	18.2

Manual Integrations
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4/22/2019 2:53:02 AM



#26

2-Nitrophenol

Concen: 39.202 ng

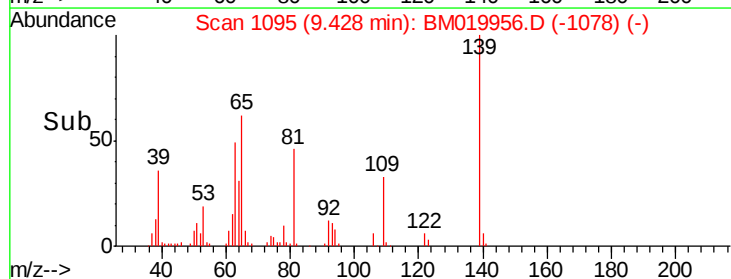
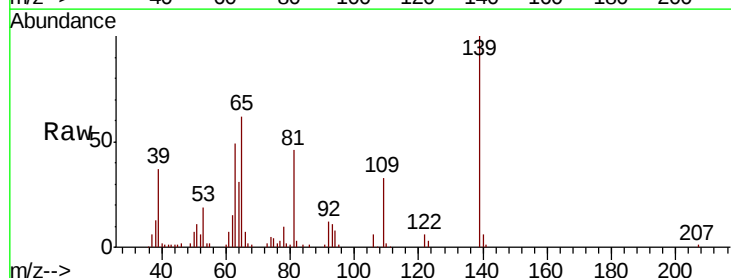
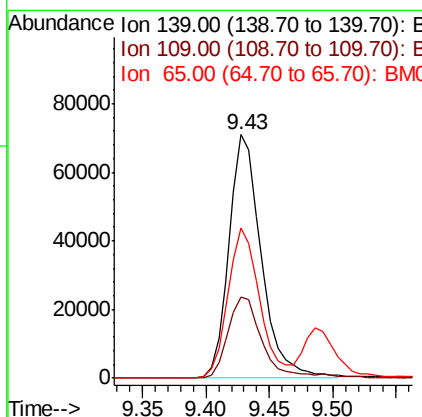
RT: 9.43 min Scan# 1095

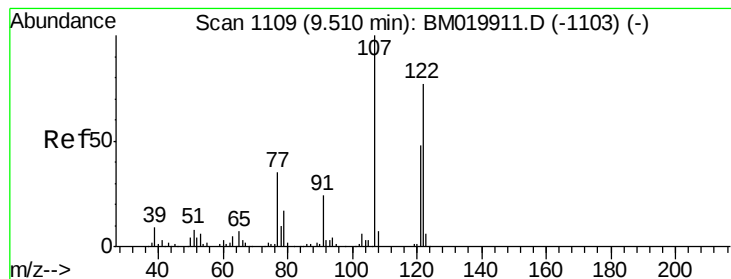
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion	139	Resp	125084
Ion Ratio	Lower	Upper	
139	100		
109	33.3	26.3	39.5
65	61.6	47.4	71.2





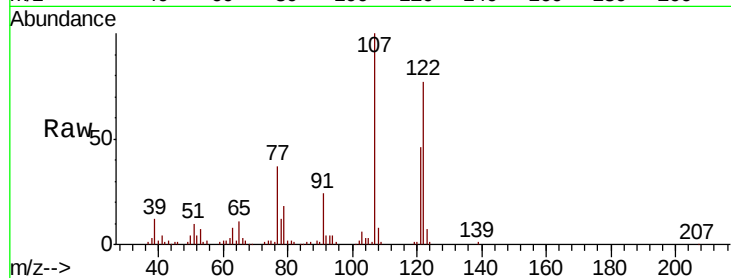
#27
2,4-Dimethylphenol
Concen: 39.597 ng
RT: 9.49 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.6	103.1	154.7
121	59.8	49.8	74.8

Manual Integrations
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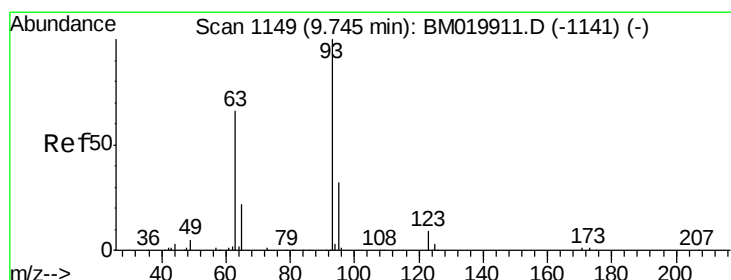
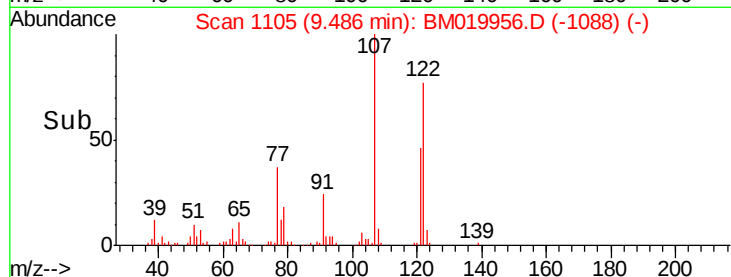
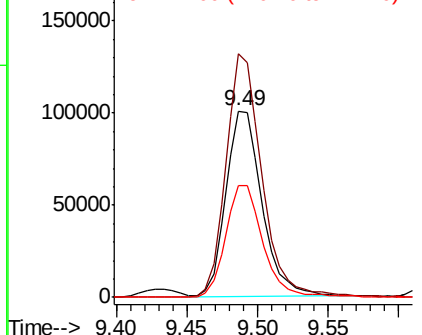


Abundance

Ion 122.00 (121.70 to 122.70): E

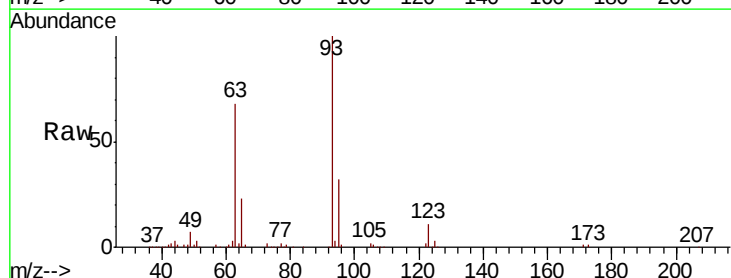
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.805 ng
RT: 9.73 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	10.9	8.2	12.2

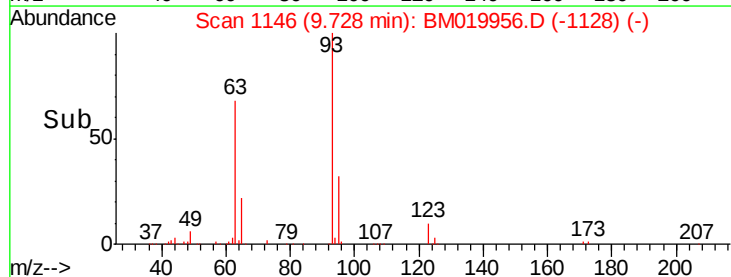
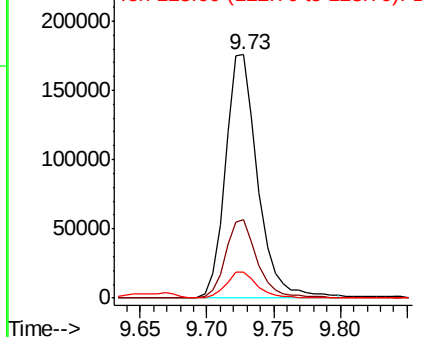


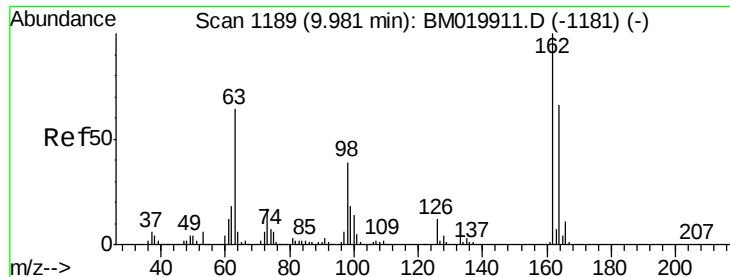
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





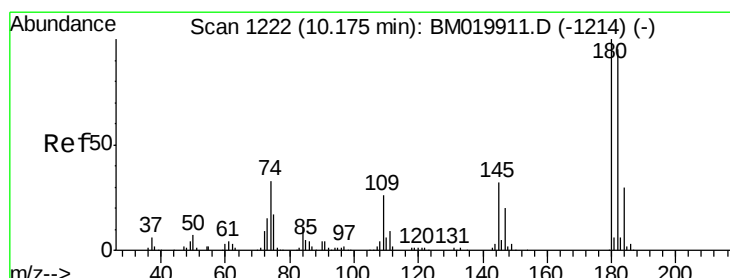
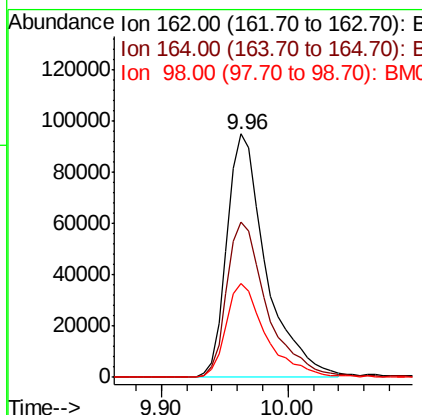
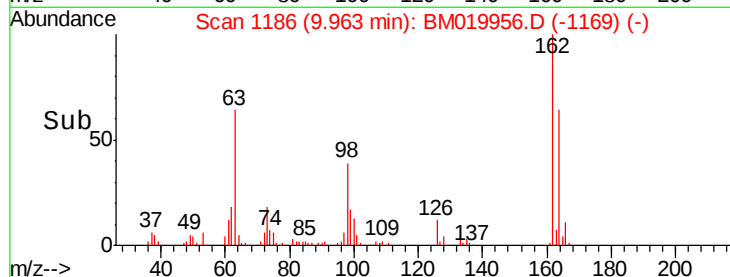
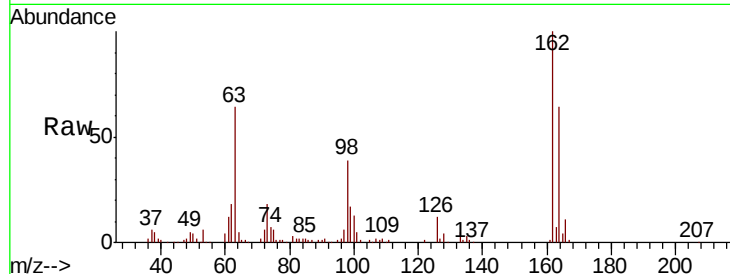
#29
2,4-Dichlorophenol
Concen: 39.797 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	203915		
164	64.0	46.3	86.3	
98	38.6	19.2	59.2	

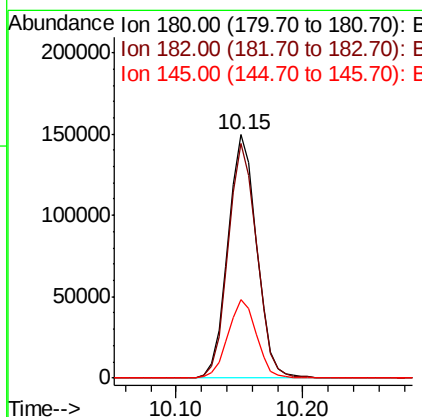
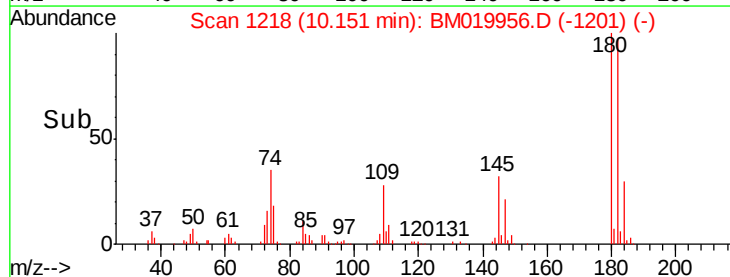
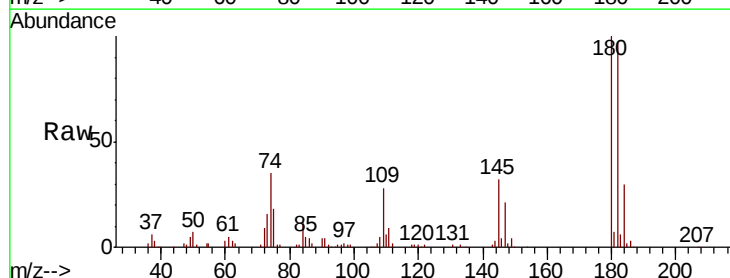
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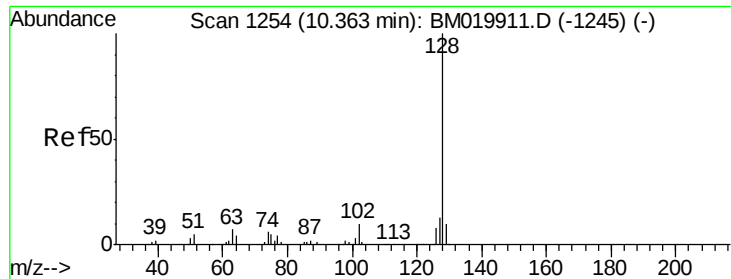
Sohil
4/22/2019 2:53:02 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.507 ng
RT: 10.15 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234416		
182	96.6	76.3	114.5	
145	32.1	25.5	38.3	





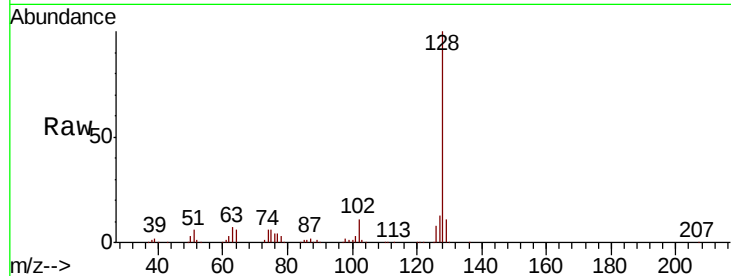
#31
Naphthalene
Concen: 41.691 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	12.7	10.4	15.6

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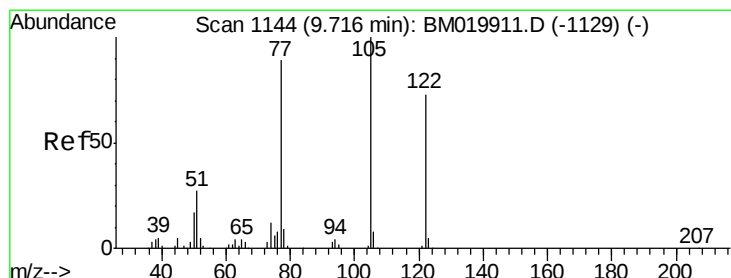
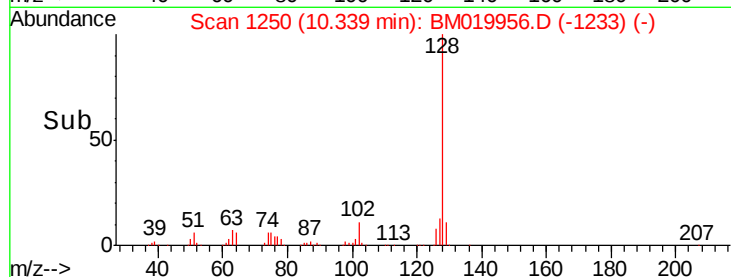
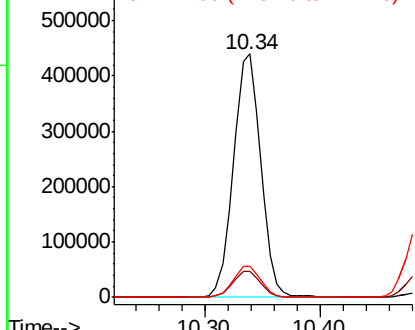


Abundance

Ion 128.00 (127.70 to 128.70): E

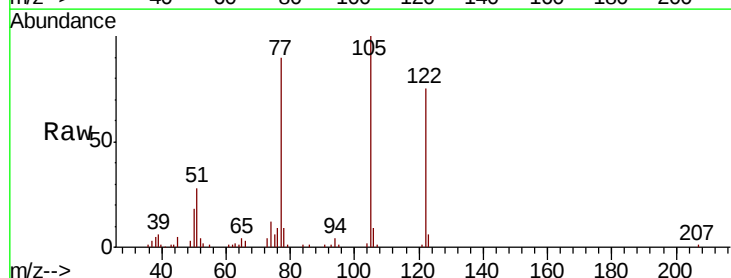
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 33.246 ng
RT: 9.67 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	114.8	154.8
77	119.7	100.2	140.2

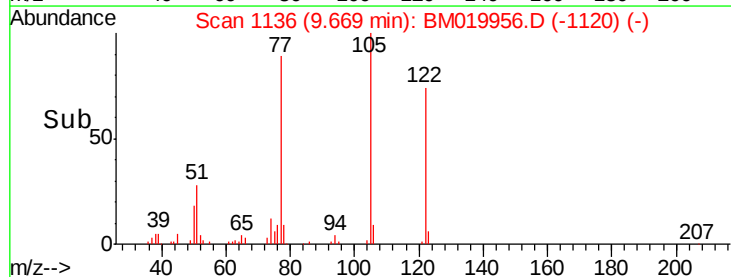
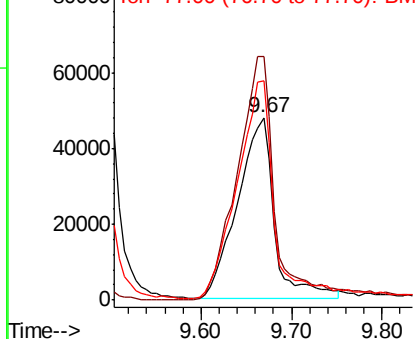


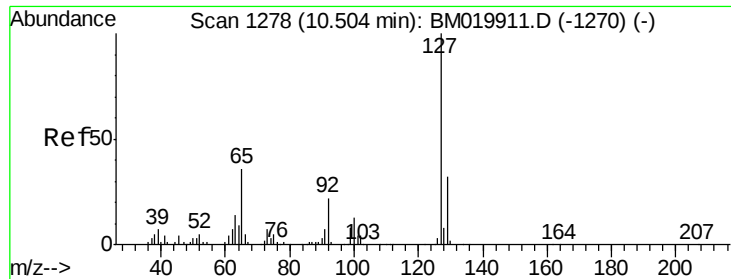
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





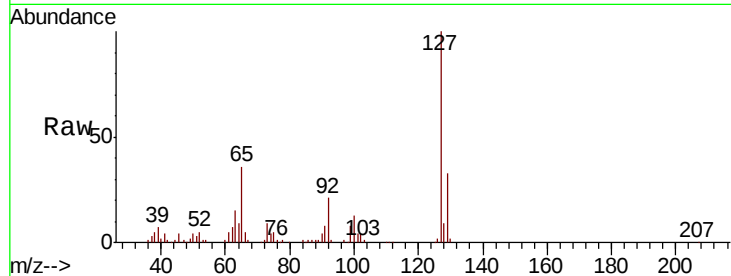
#33
4-Chloroaniline
Concen: 38.093 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	272077		
129	32.8	25.4	38.0	
65	35.8	29.2	43.8	
92	21.5	17.5	26.3	

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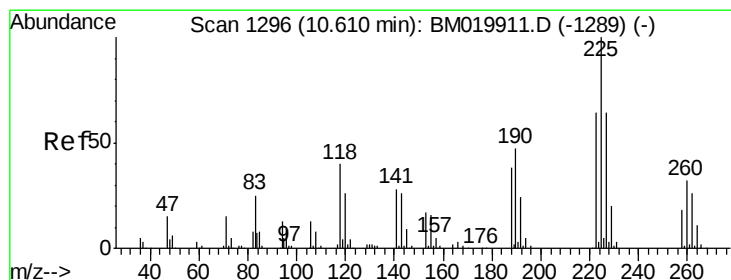
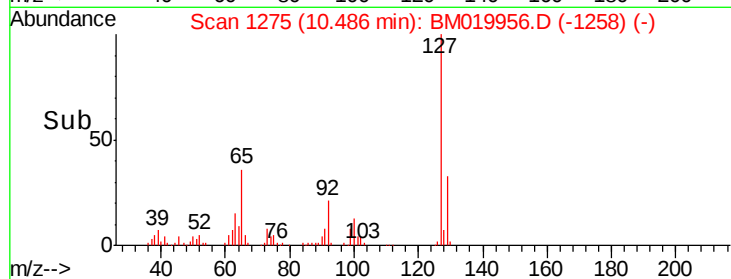
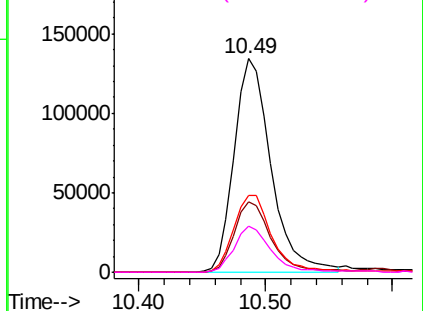
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

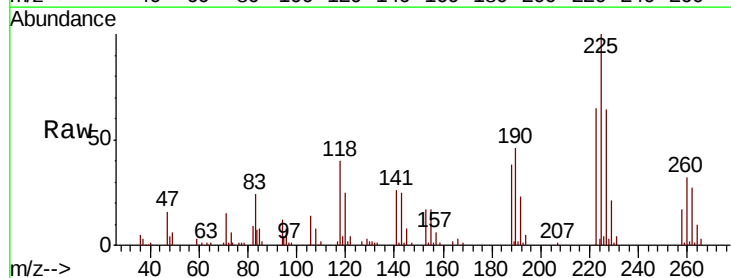
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 41.392 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134627		
223	64.9	51.4	77.2	
227	64.1	51.0	76.6	

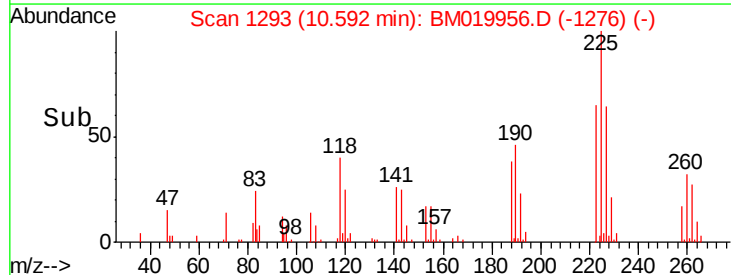
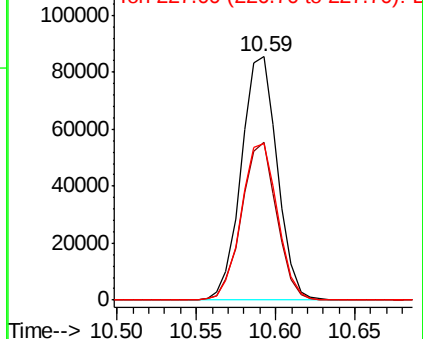


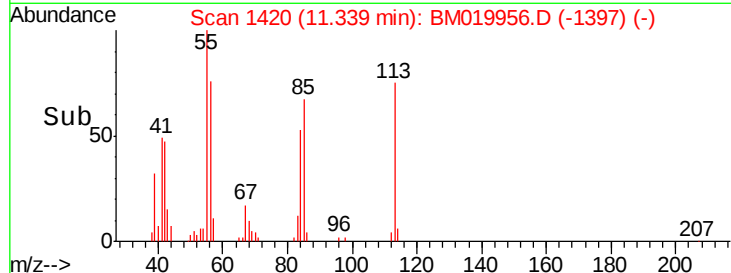
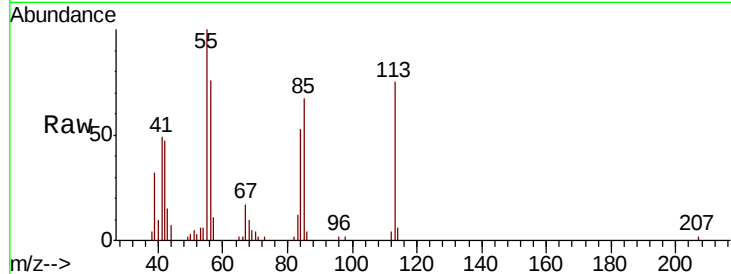
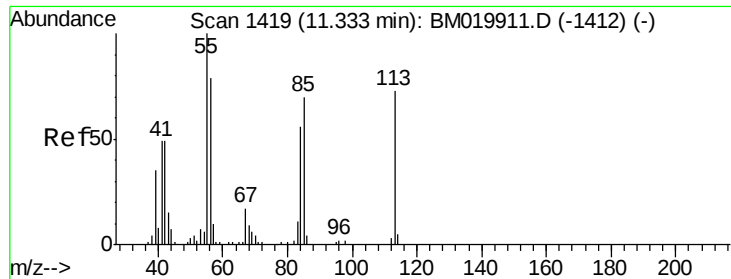
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





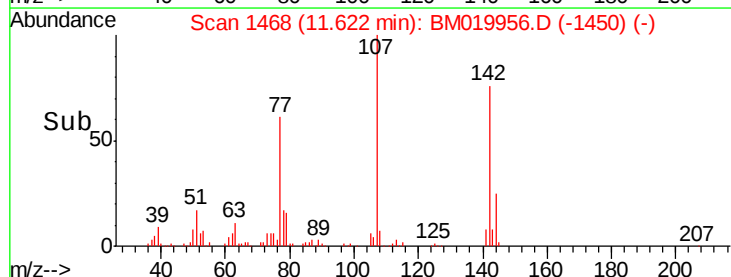
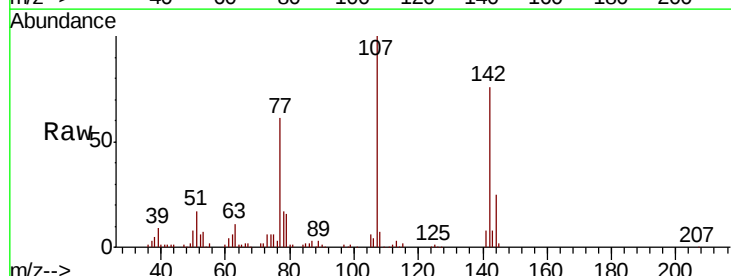
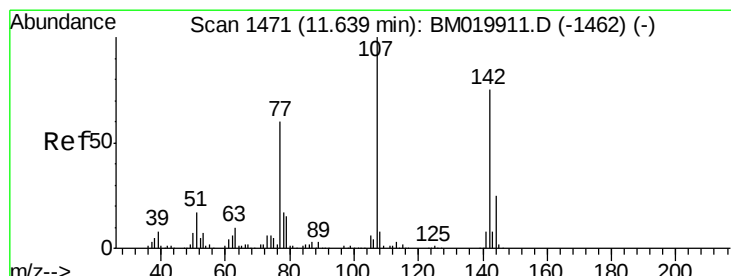
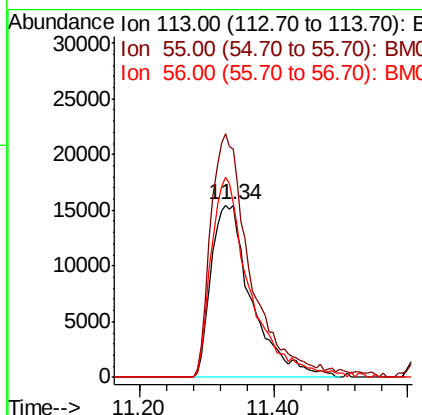
#35
Caprolactam
Concen: 33.516 ng/ml
RT: 11.34 min Scan# 1420
Delta R.T. 0.04 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tot Ion: 113 Resp: 65003
Ion Ratio Lower Upper
113 100
55 132.8 117.1 157.1
56 101.3 88.2 128.2

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

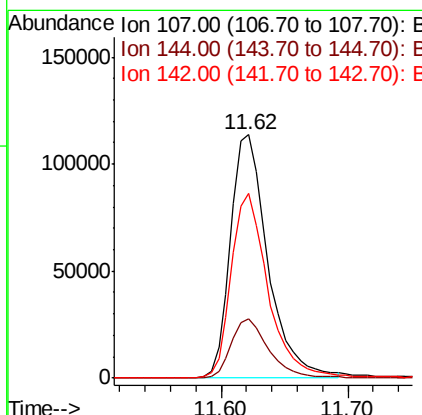
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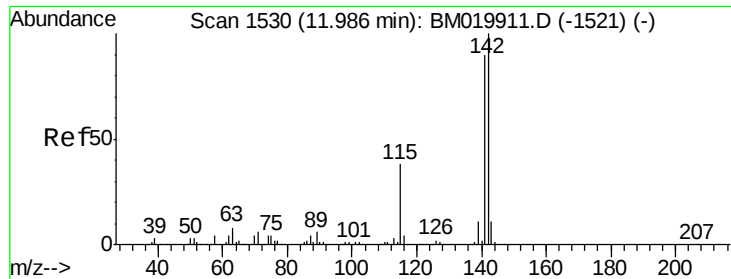
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#36
4-Chloro-3-methylphenol
Concen: 36.447 ng/ml
RT: 11.62 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion: 107 Resp: 232046
Ion Ratio Lower Upper
107 100
144 24.5 19.8 29.8
142 76.1 60.3 90.5





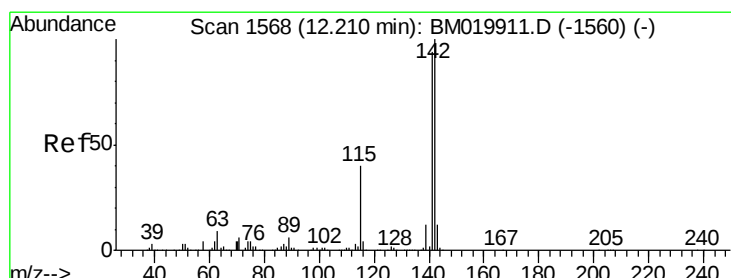
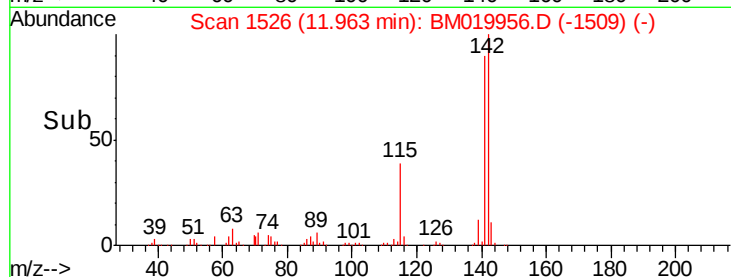
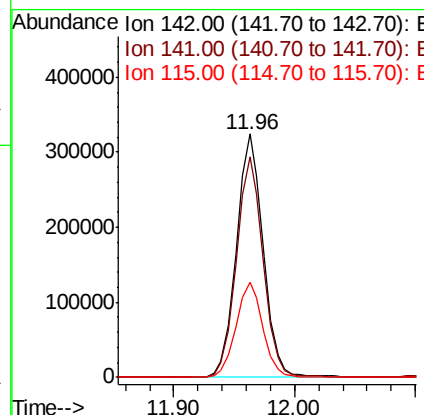
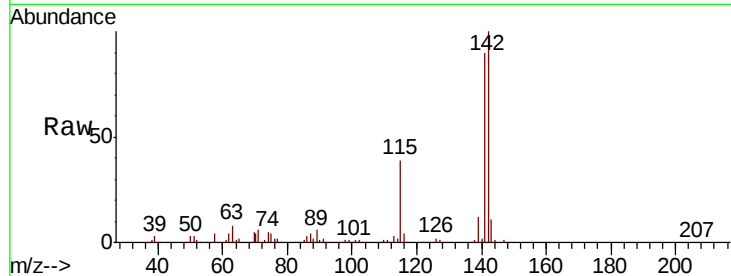
#37
2-Methylnaphthalene
Concen: 39.630 ng
RT: 11.96 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.3	108.5
115	39.1	30.5	45.7

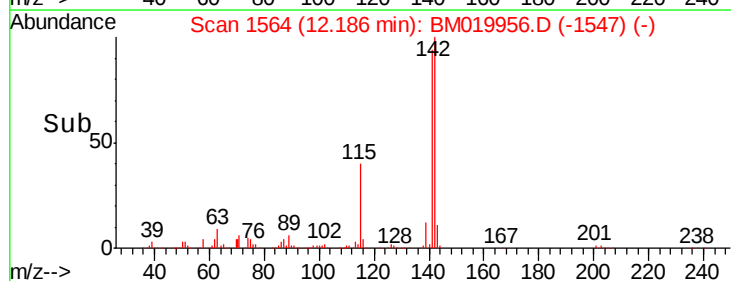
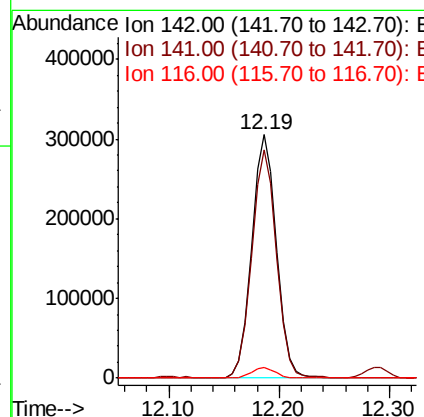
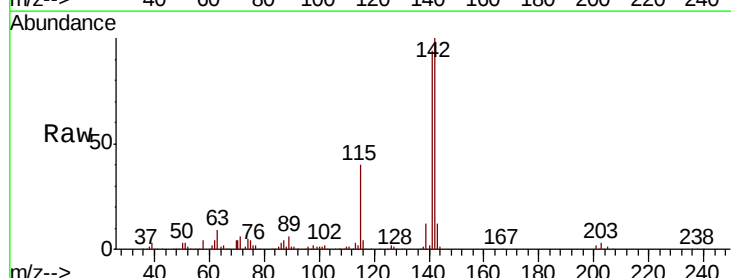
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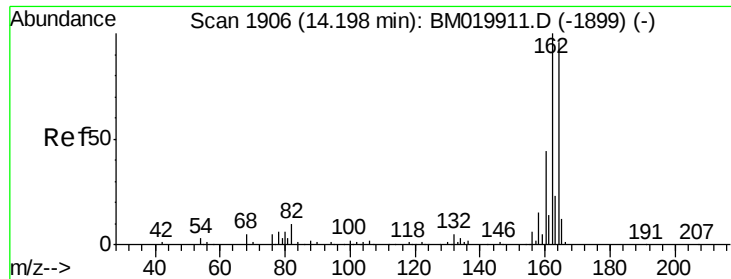
Sohil
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#38
1-Methylnaphthalene
Concen: 38.227 ng
RT: 12.19 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.7	113.5
116	4.2	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

PB118968BSD

Tot Ion:164 Resp: 172876

Ion Ratio Lower Upper

164 100

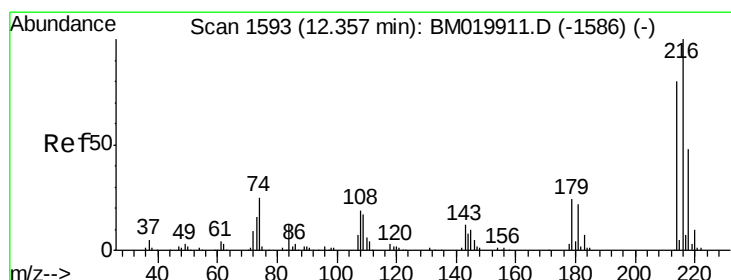
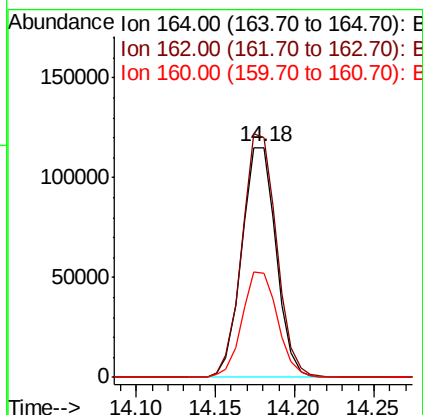
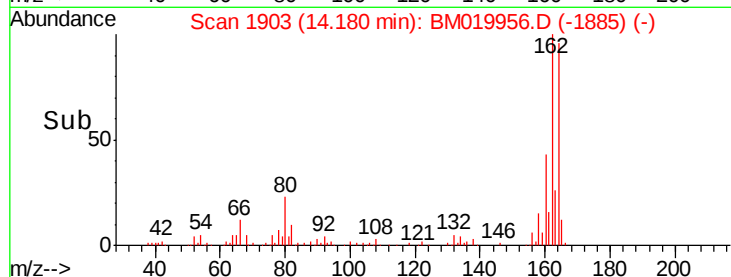
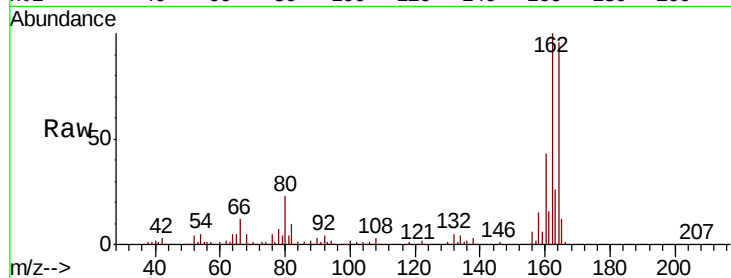
162 104.6 83.0 124.4

160 45.2 36.6 55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.595 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:216 Resp: 232497

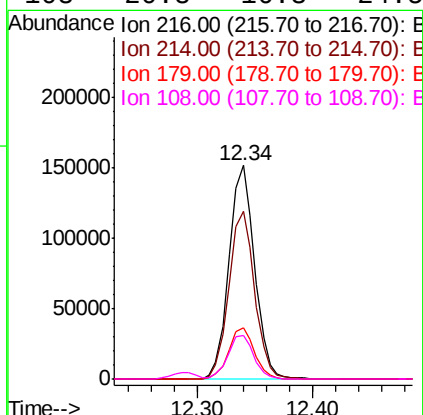
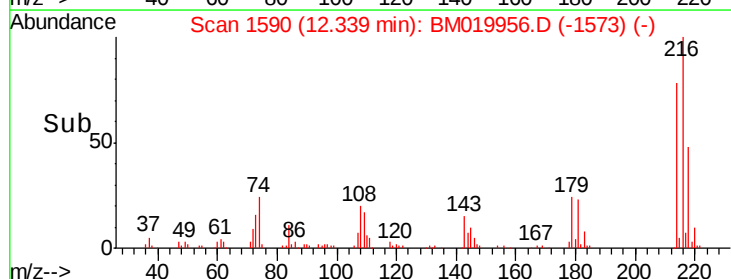
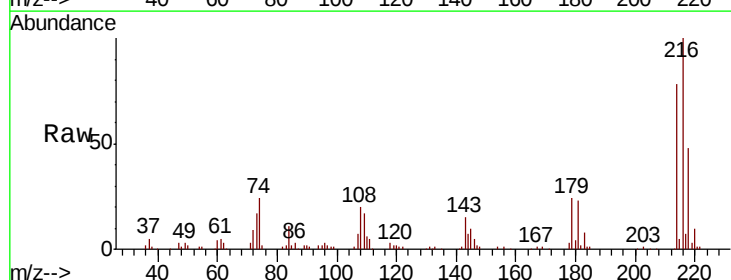
Ion Ratio Lower Upper

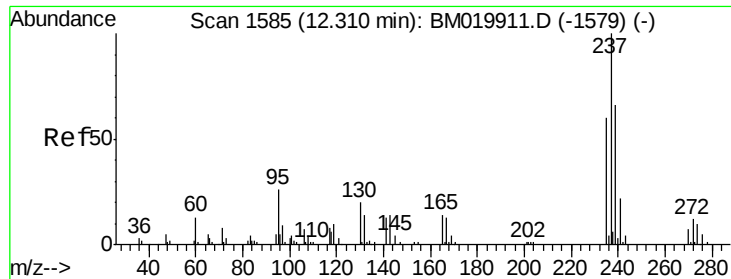
216 100

214 79.0 63.1 94.7

179 24.0 19.0 28.6

108 20.8 16.3 24.5





#41

Hexachlorocyclopentadiene

Concen: 78.292 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

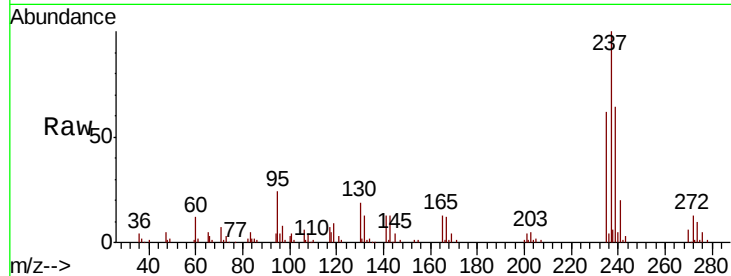
ClientSampleId :

PB118968BSD

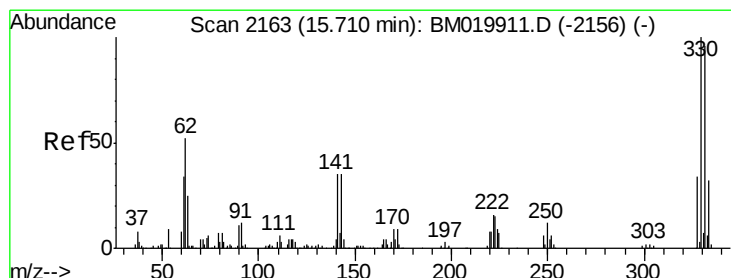
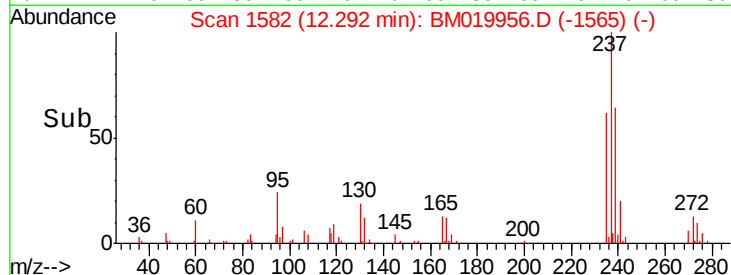
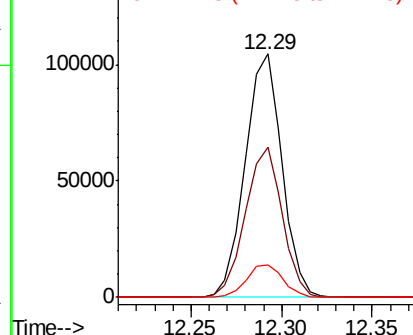
Tot Ion:	237	Resp:	147277
Ion Ratio	Lower	Upper	
237	100		
235	61.8	40.4	80.4
272	13.4	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 73.387 ng

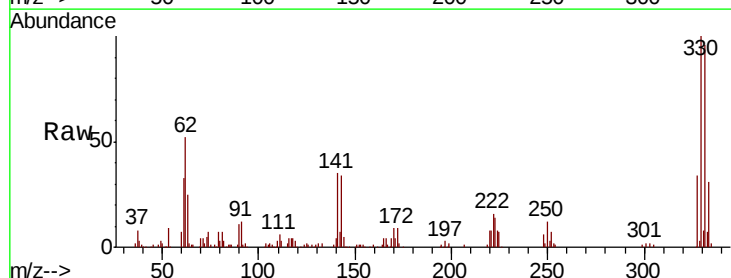
RT: 15.69 min Scan# 2160

Delta R.T. -0.00 min

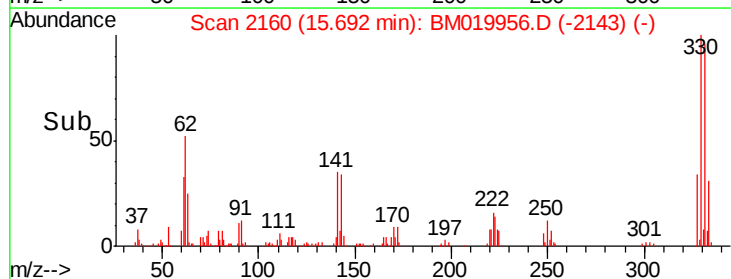
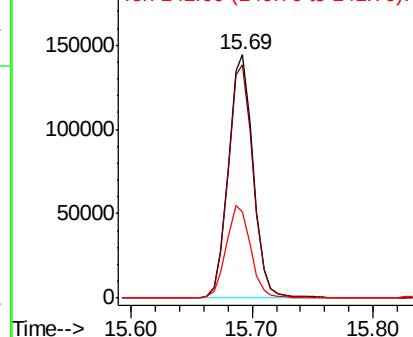
Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	330	Resp:	204223
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.2
141	37.6	29.0	43.4



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





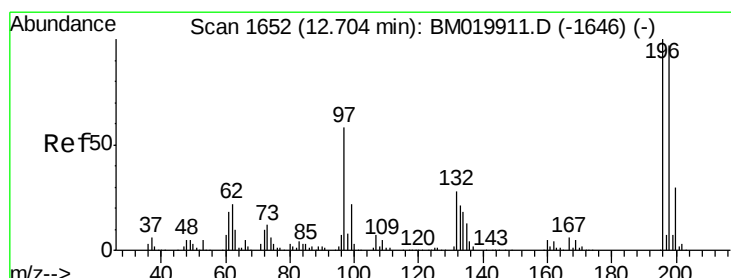
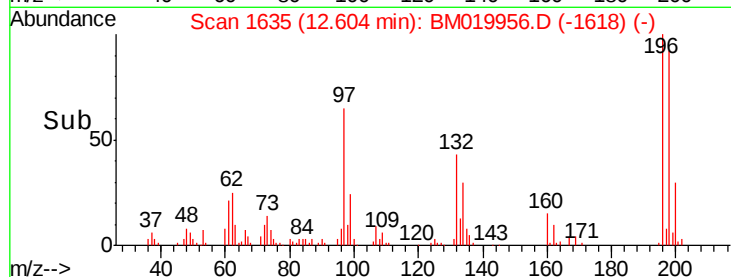
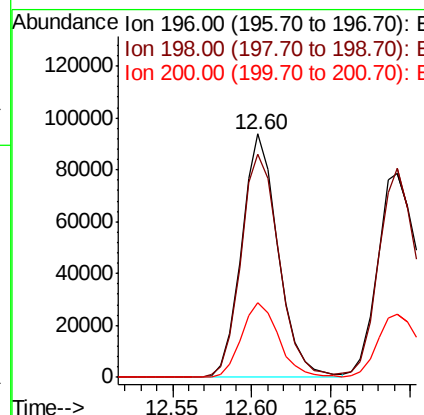
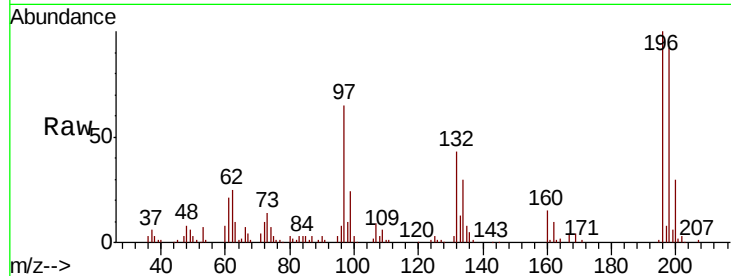
#43
 2,4,6-Trichlorophenol
 Concen: 41.407 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149716		
198	91.9	76.8	115.2	
200	30.4	24.6	37.0	

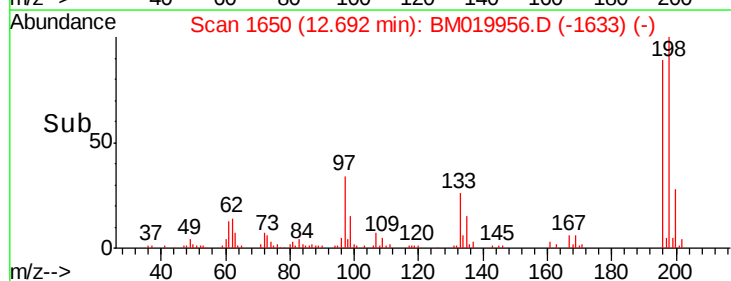
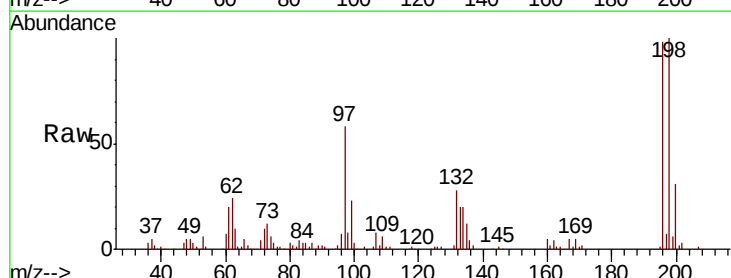
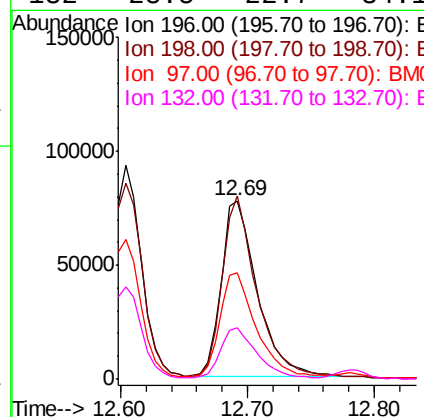
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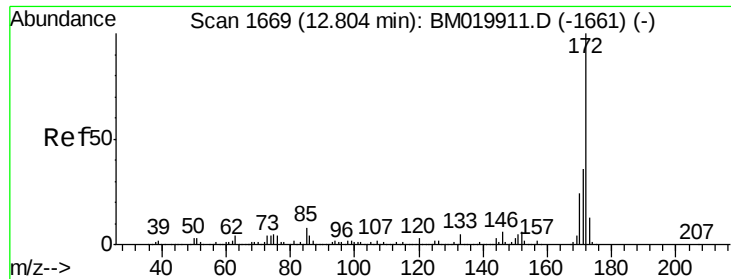
Sohil
 4/22/2019 2:53:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.525 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152502		
198	102.4	77.8	116.8	
97	59.4	46.2	69.2	
132	28.5	22.7	34.1	





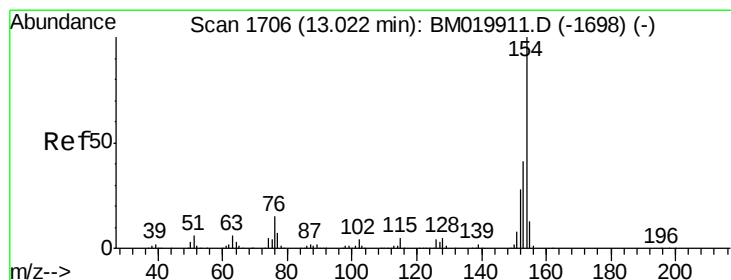
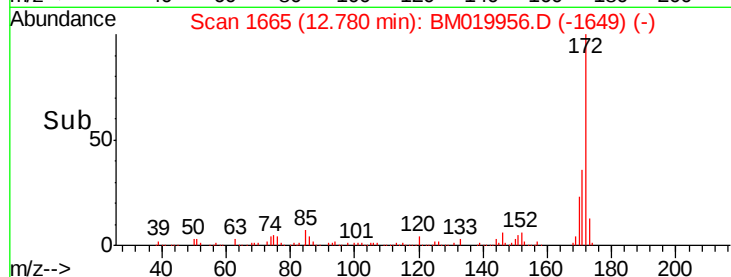
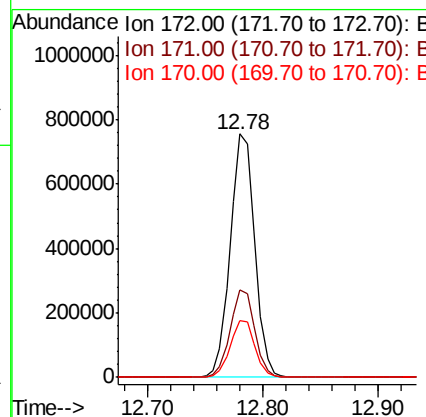
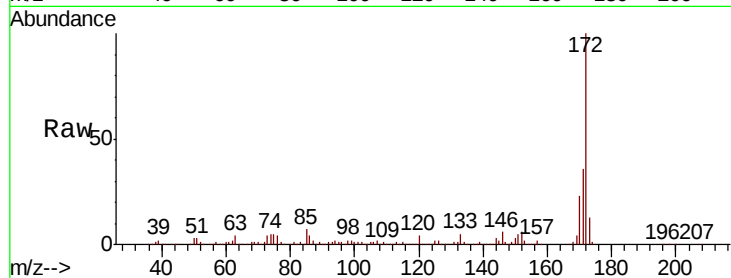
#45
2-Fluorobiphenyl
Concen: 79.968 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.4	19.0	28.4

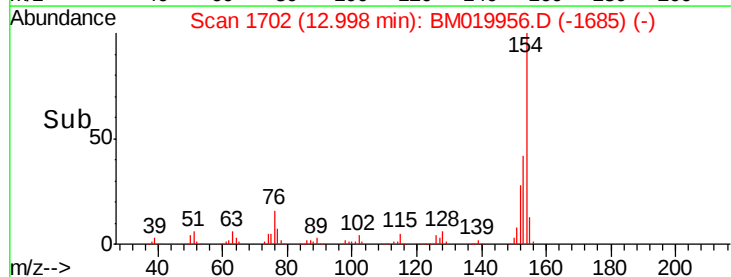
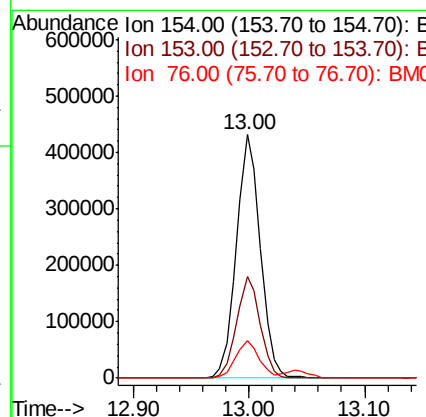
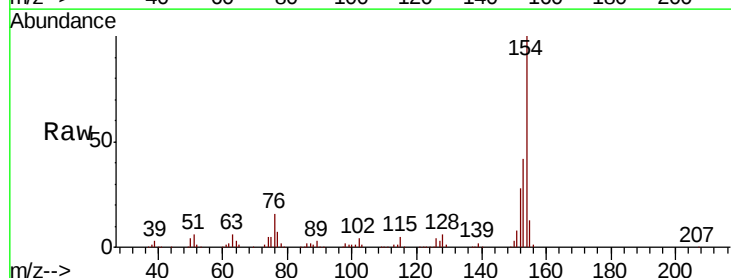
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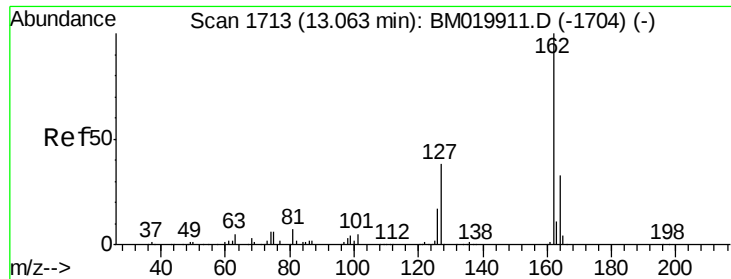
Sohil
4/22/2019 2:53:02 AM



#46
1,1'-Biphenyl
Concen: 41.375 ng
RT: 13.00 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.0	61.0
76	15.5	0.0	34.8





#47

2-Chloronaphthalene

Concen: 42.599 ng

RT: 13.05 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

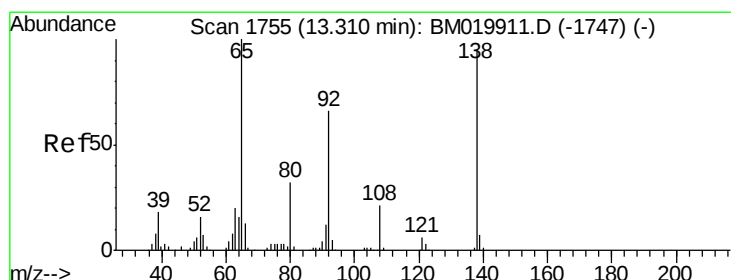
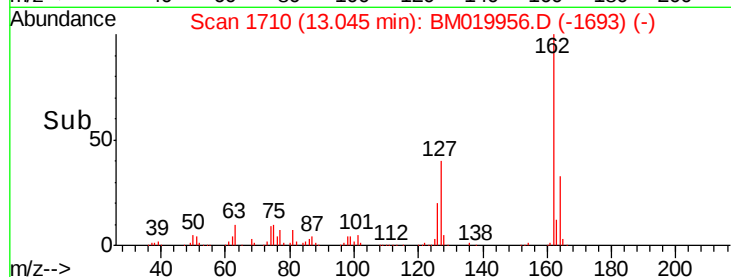
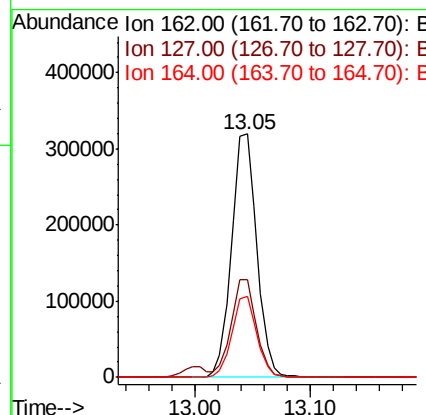
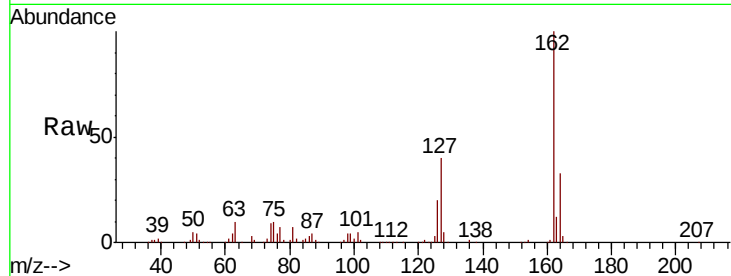
ClientSampleId :

PB118968BSD

Tot Ion:	162	Resp:	486533
Ion Ratio		Lower	Upper
162	100		
127	40.2	32.3	48.5
164	33.1	26.3	39.5

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#48

2-Nitroaniline

Concen: 39.952 ng

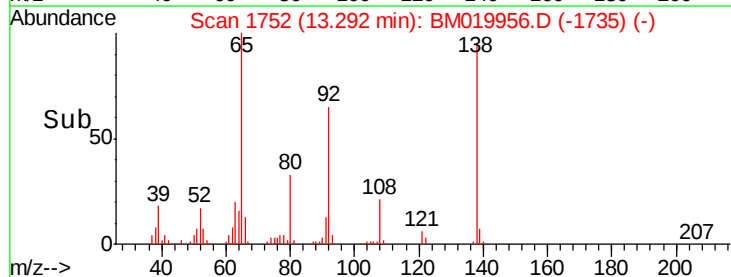
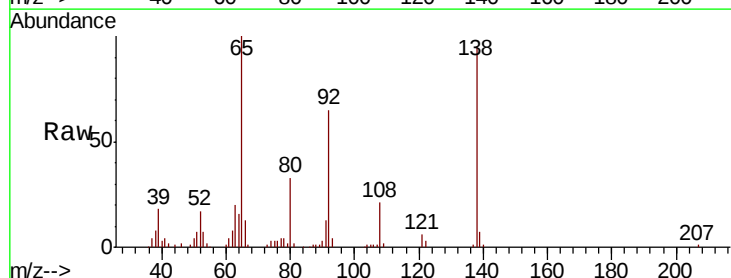
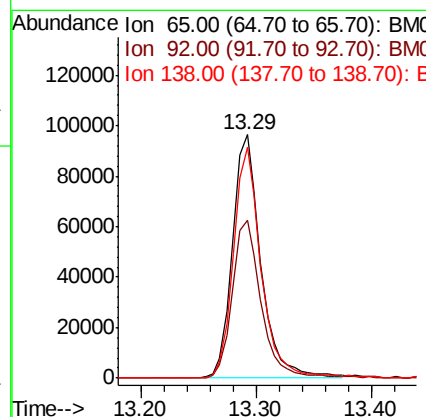
RT: 13.29 min Scan# 1752

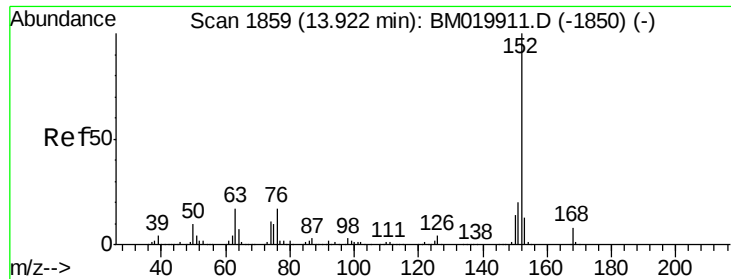
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	65	Resp:	164476
Ion Ratio		Lower	Upper
65	100		
92	64.9	52.9	79.3
138	94.8	75.8	113.6





#49

Acenaphthylene

Concen: 38.825 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

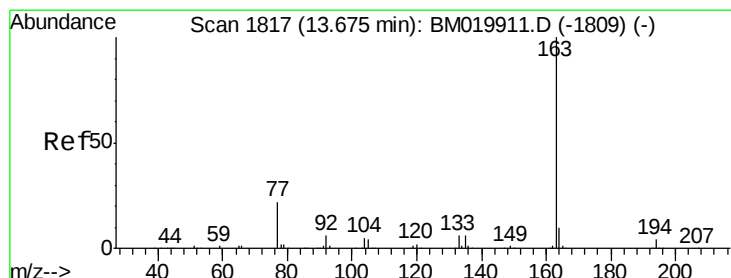
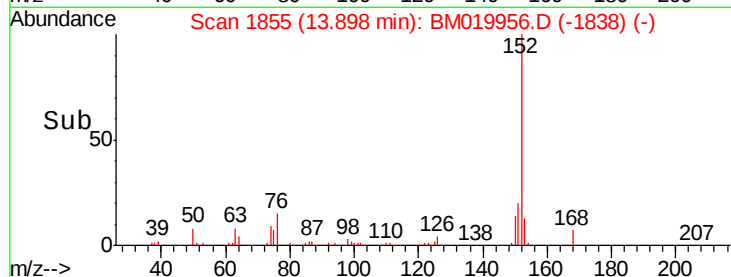
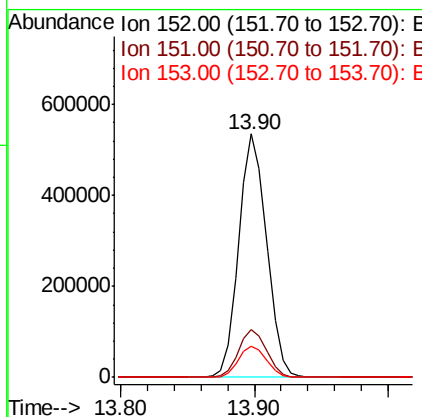
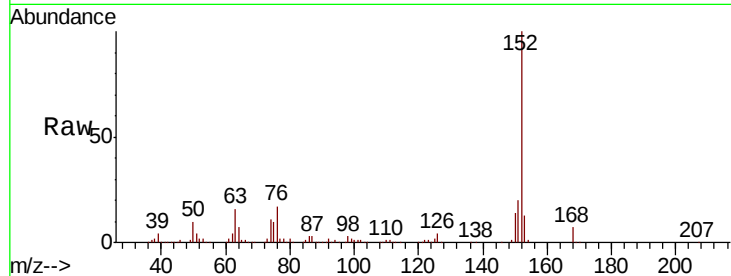
ClientSampleId :

PB118968BSD

Tot Ion:	152	Resp:	771534
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	12.6	10.6	16.0

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#50

Dimethylphthalate

Concen: 39.900 ng

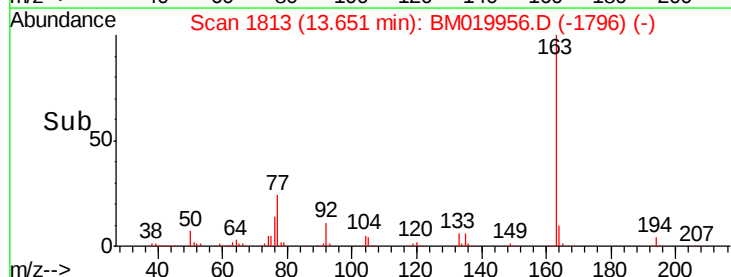
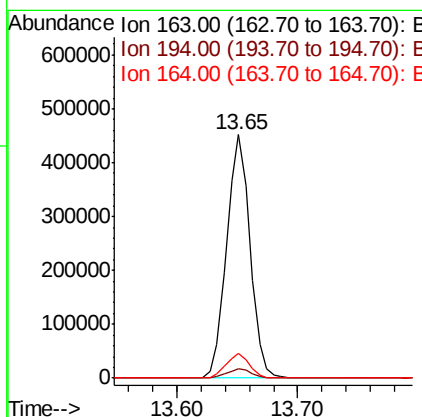
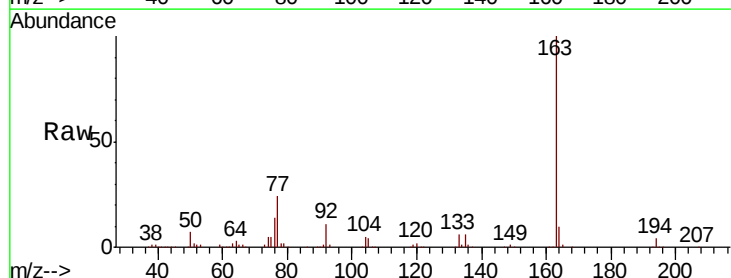
RT: 13.65 min Scan# 1813

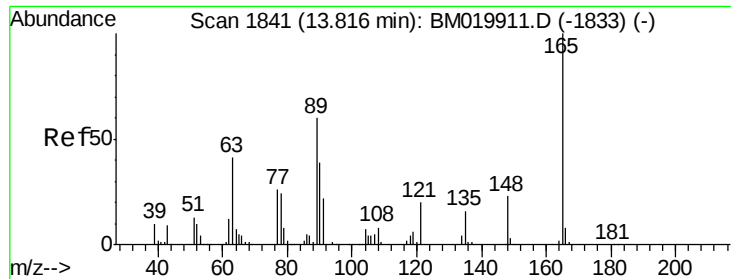
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	163	Resp:	608417
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.9	7.9	11.9





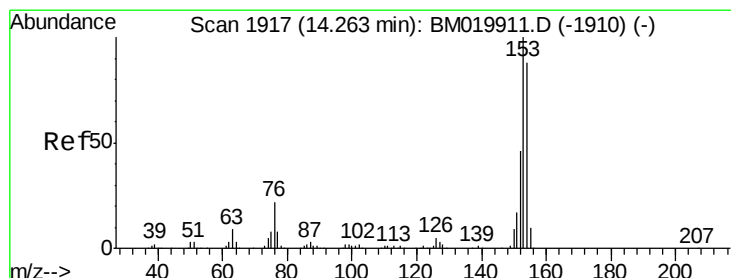
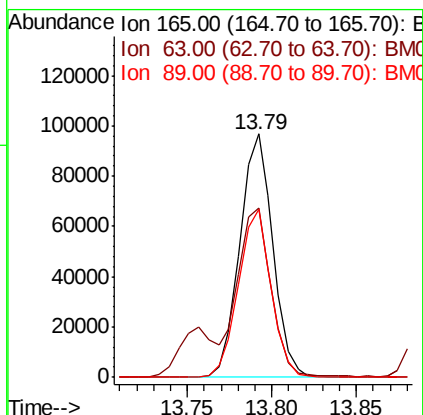
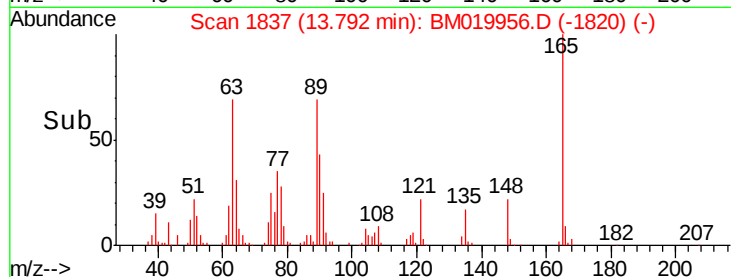
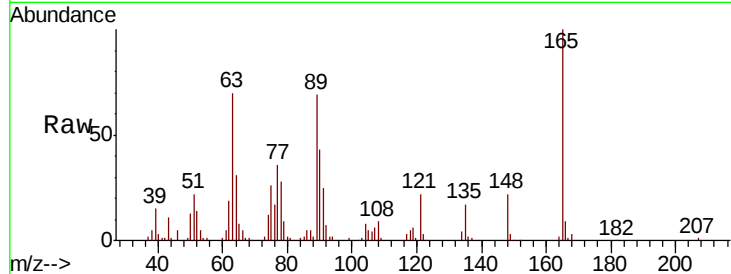
#51
2,6-Dinitrotoluene
Concen: 38.965 ng
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	131387		
63	69.7	48.5	72.7	
89	69.0	48.2	72.4	

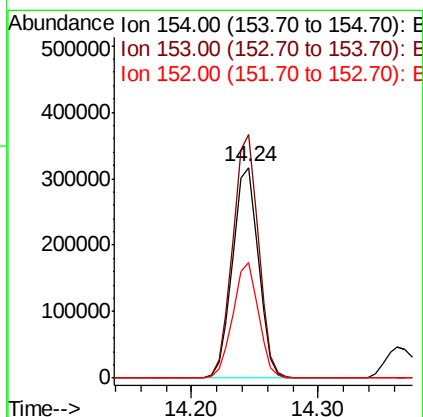
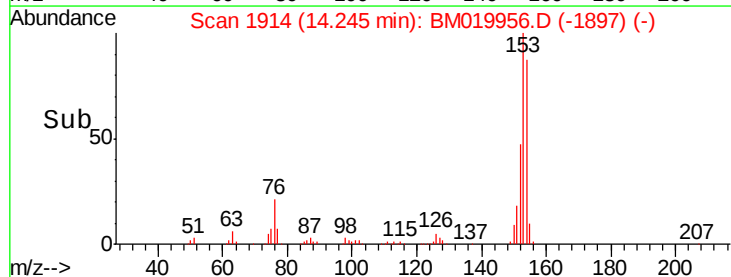
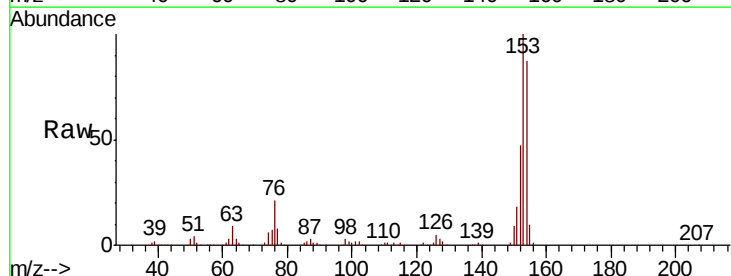
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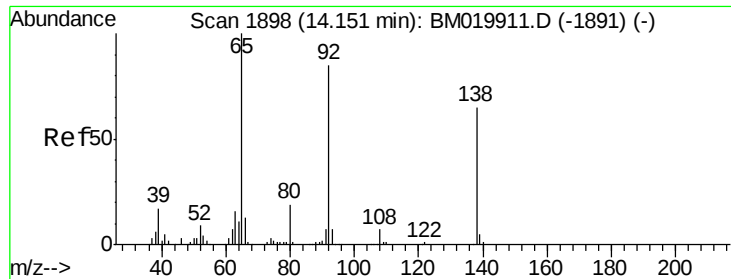
Sohil
4/22/2019 2:53:02 AM



#52
Acenaphthene
Concen: 40.410 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	445253		
153	115.5	91.0	136.4	
152	54.7	42.2	63.2	





#53

3-Nitroaniline

Concen: 38.970 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

PB118968BSD

Tot Ion:138 Resp: 131208

Ion Ratio Lower Upper

138 100

108 10.1 8.9 13.3

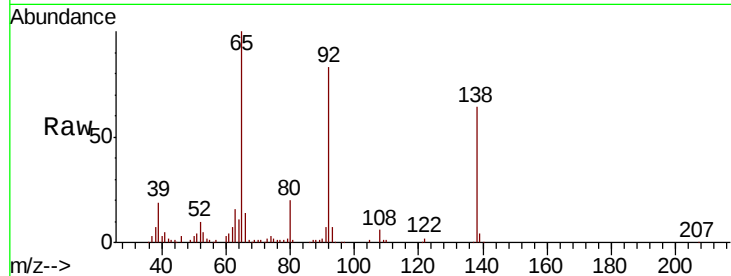
92 128.2 103.8 155.8

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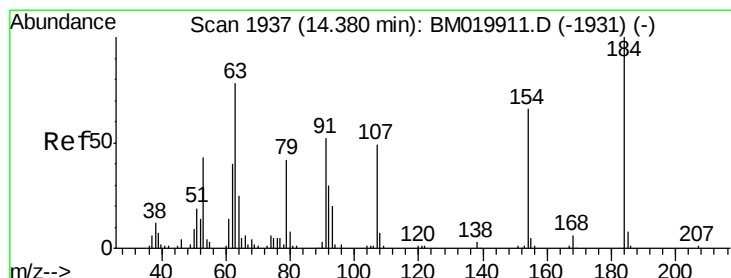
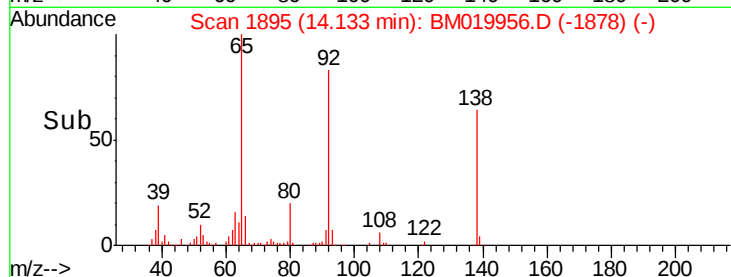
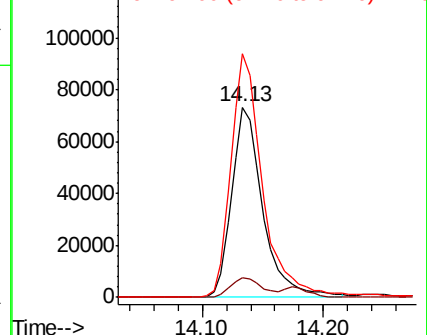


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 70.145 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

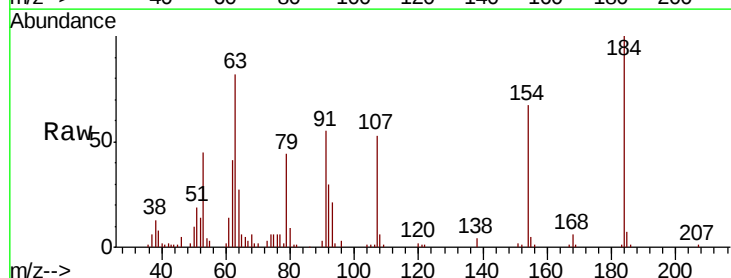
Tgt Ion:184 Resp: 139194

Ion Ratio Lower Upper

184 100

63 82.1 62.3 93.5

154 67.2 53.0 79.6

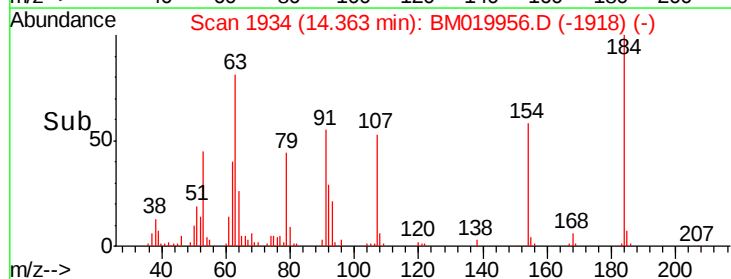
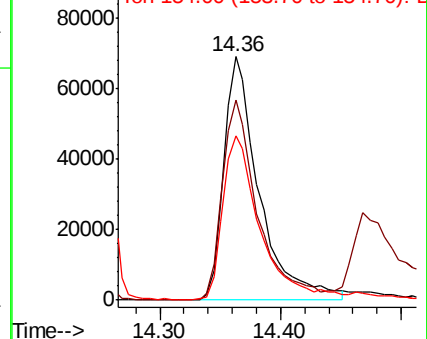


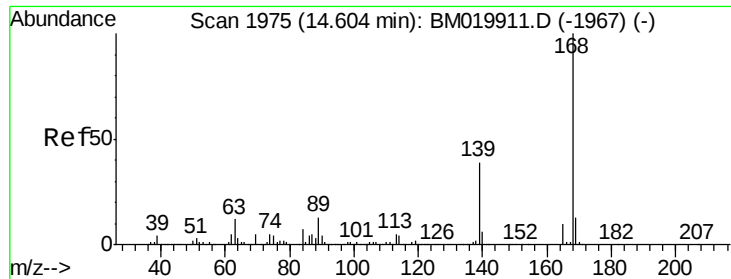
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





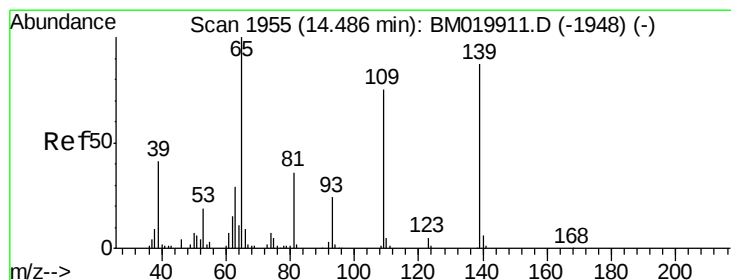
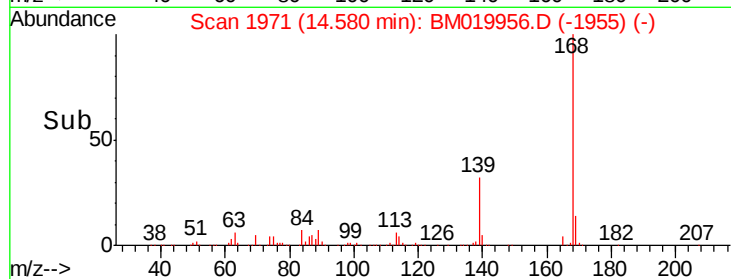
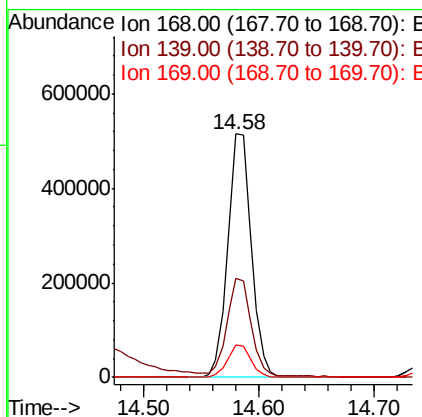
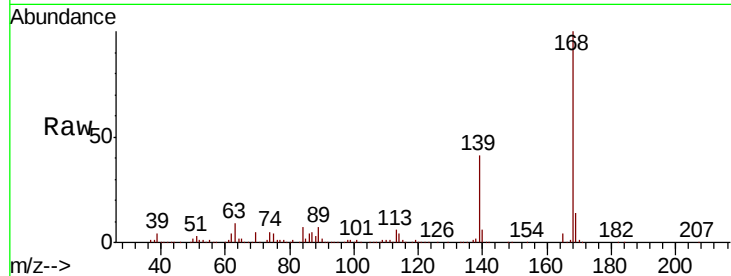
#55
Dibenzenofuran
Concen: 40.548 ng
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.5	47.3
169	13.5	10.6	16.0

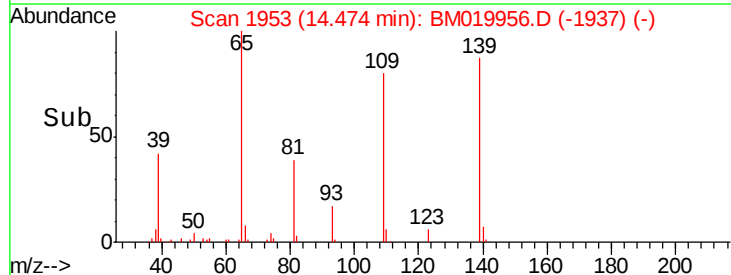
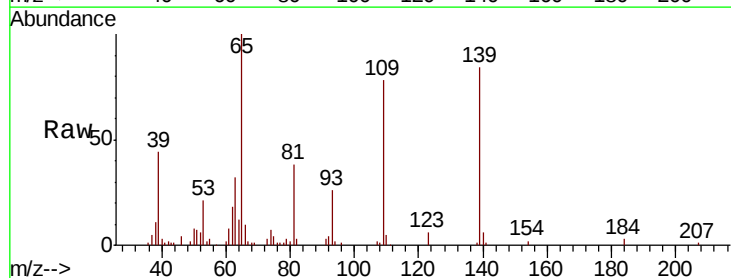
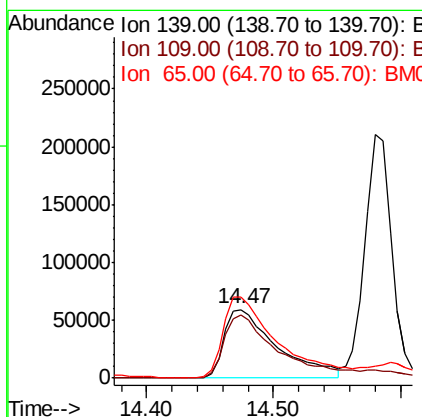
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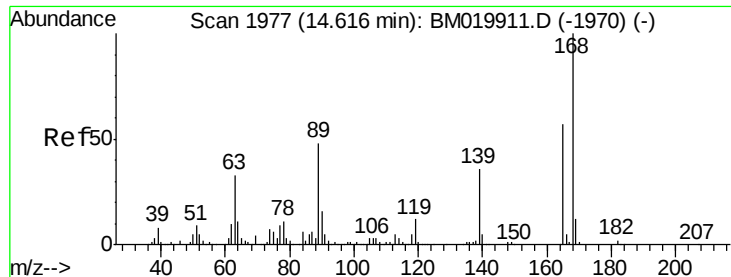
Sohil
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#56
4-Nitrophenol
Concen: 65.728 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.7	65.3	105.3
65	119.0	94.9	134.9





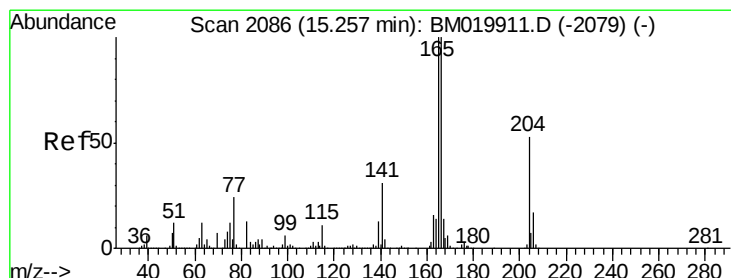
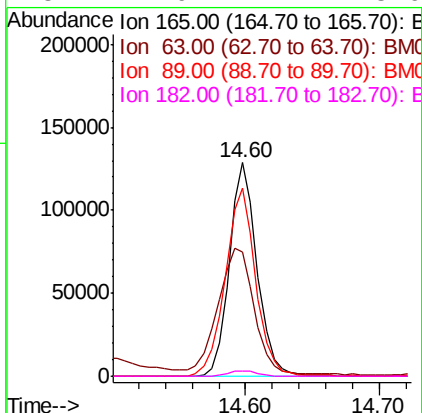
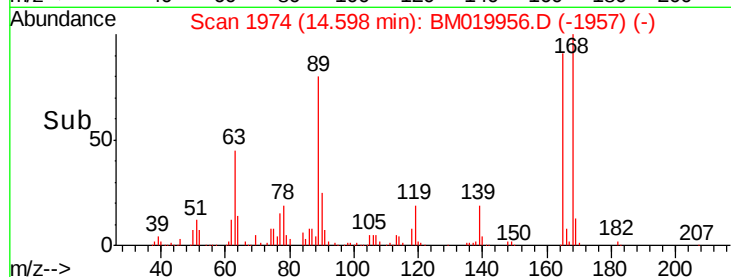
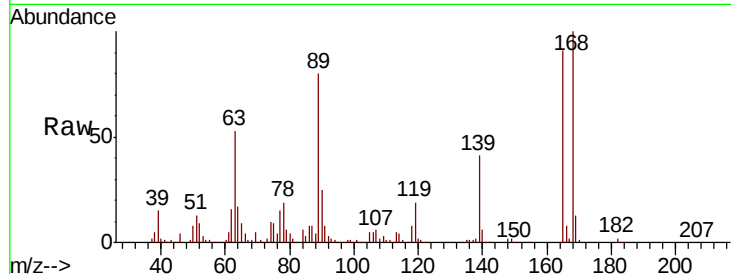
#57
2,4-Dinitrotoluene
Concen: 38.275 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	185518		
63	58.0	46.0	69.0	
89	88.0	67.5	101.3	
182	2.6	2.4	3.6	

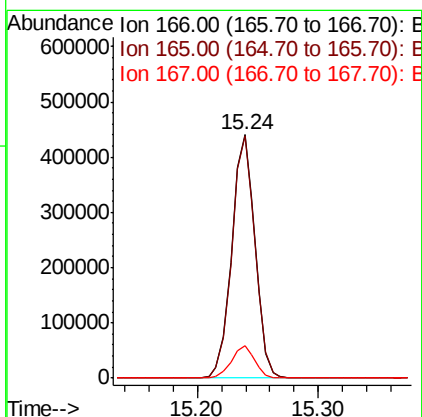
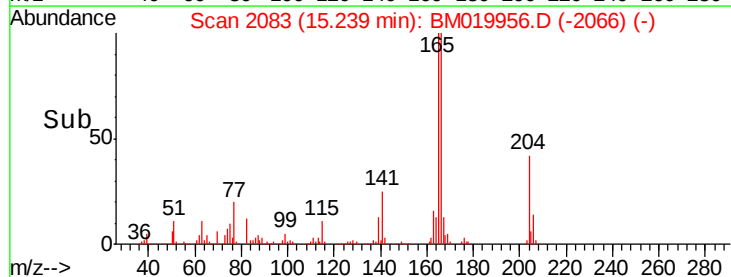
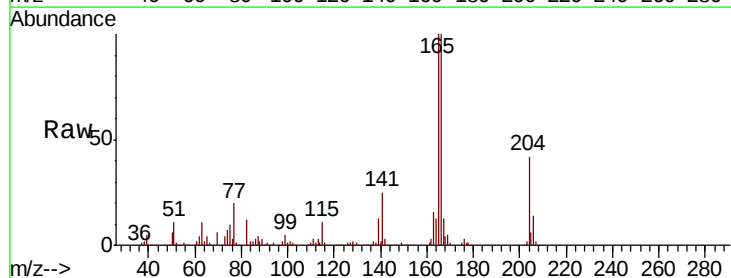
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#58
Fluorene
Concen: 38.643 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	589964		
165	99.6	80.1	120.1	
167	13.4	11.0	16.4	





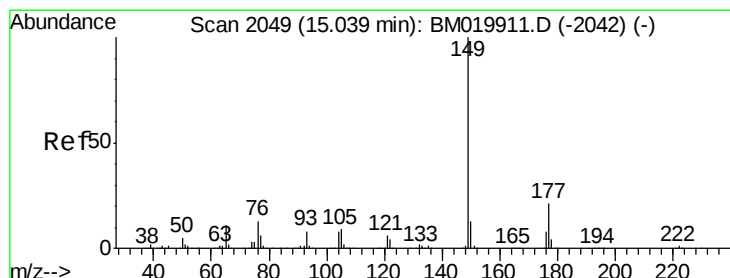
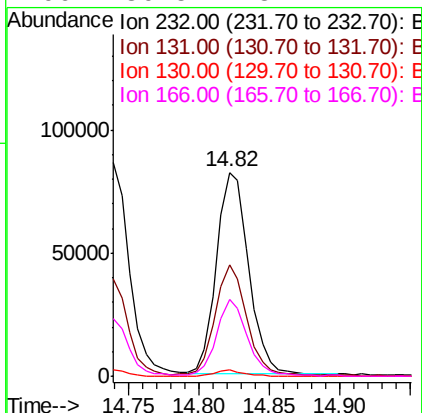
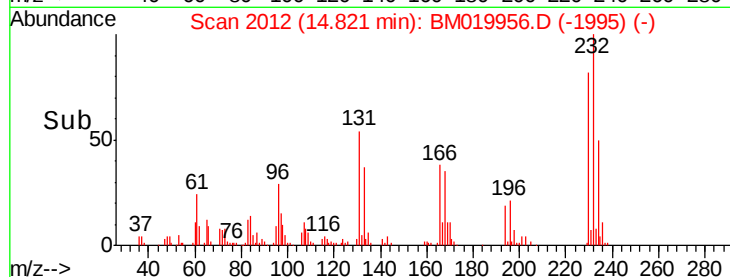
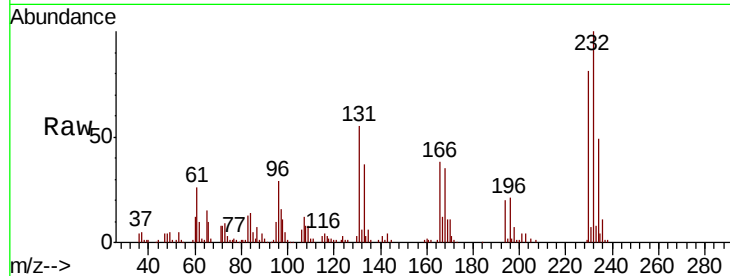
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.744 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	129601		
131	54.2	42.1	63.1	
130	2.8	2.2	3.4	
166	36.5	28.1	42.1	

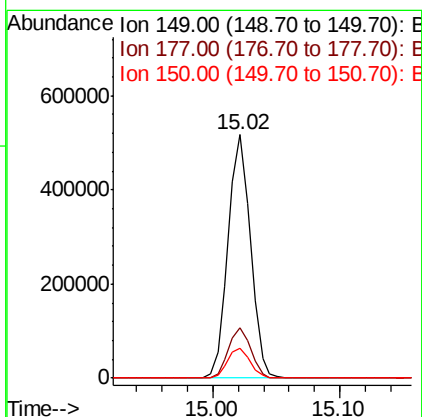
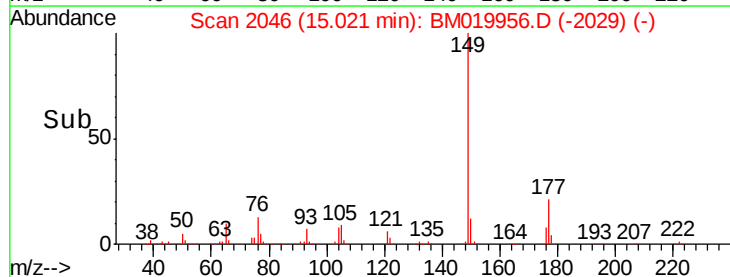
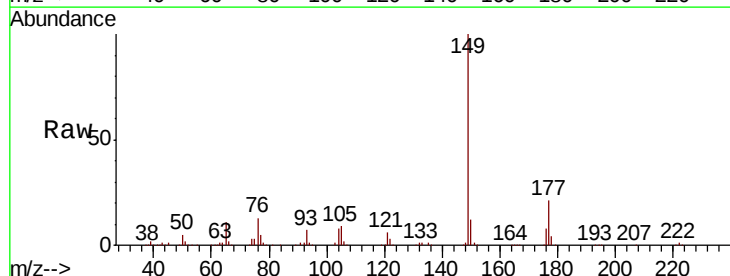
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#60
Diethylphthalate
Concen: 39.802 ng
RT: 15.02 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	631227		
177	20.9	16.6	25.0	
150	12.3	10.0	15.0	





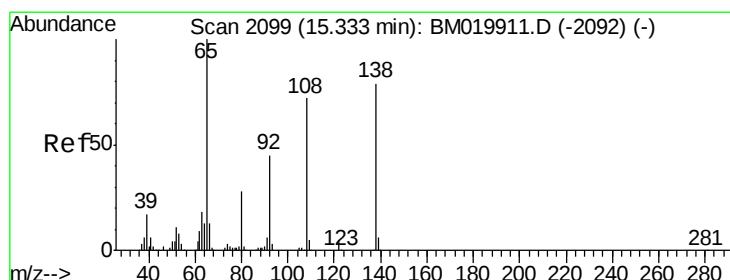
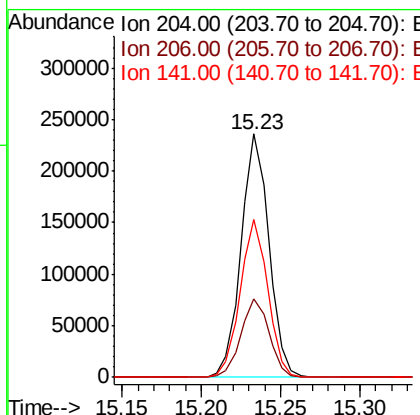
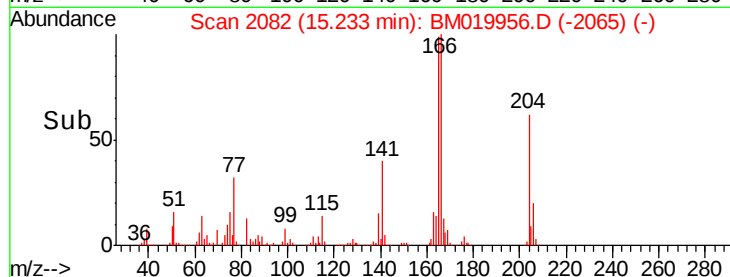
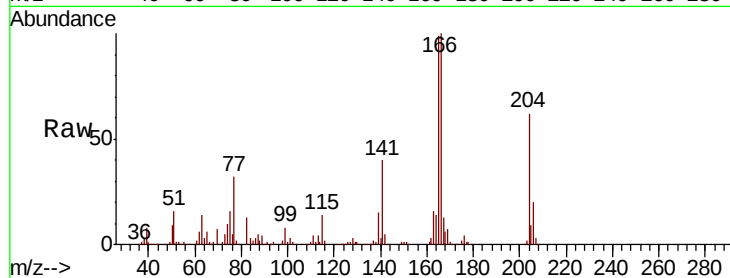
#61
4-Chlorophenyl-phenylether
Concen: 39.041 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	286978		
206	32.2		25.8	38.8
141	64.8		47.0	70.4

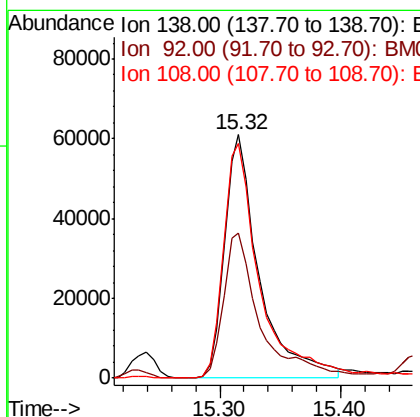
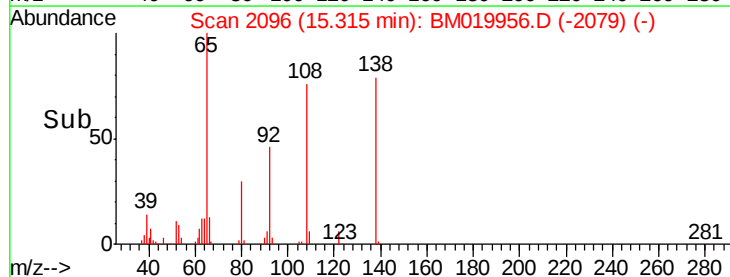
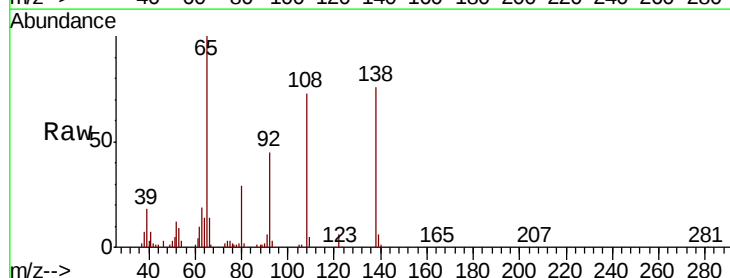
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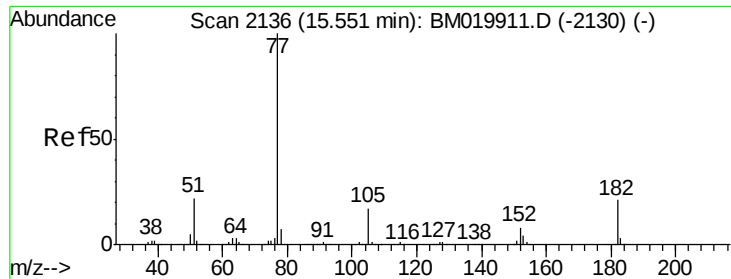
Sohil
4/22/2019 2:53:02 AM



#62
4-Nitroaniline
Concen: 36.711 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	121782		
92	59.6		36.8	76.8
108	96.5		71.5	111.5





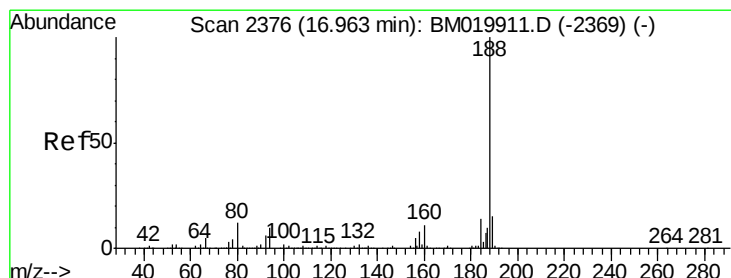
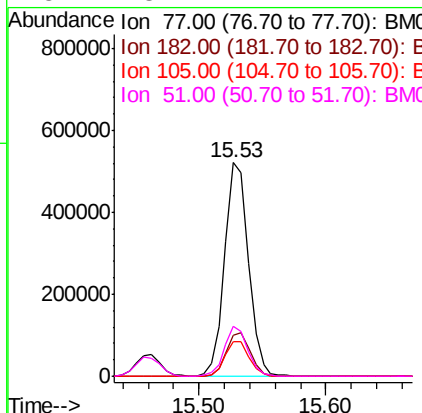
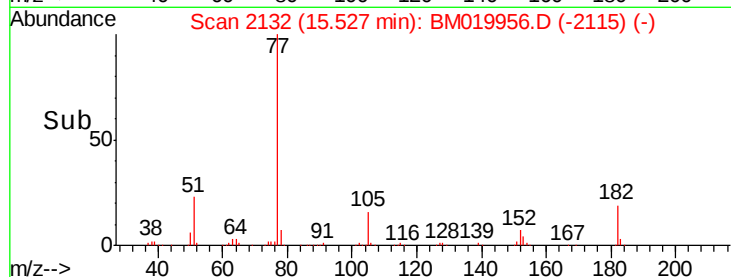
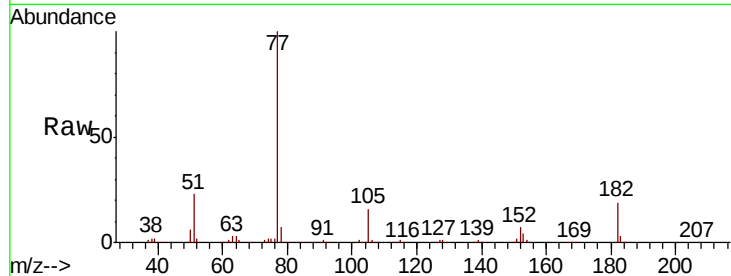
#63
Azobenzene
Concen: 40.028 ng
RT: 15.53 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion:	77	Resp:	678490
Ion Ratio	Lower	Upper	
77	100		
182	19.4	1.0	41.0
105	16.3	0.0	37.1
51	23.4	2.1	42.1

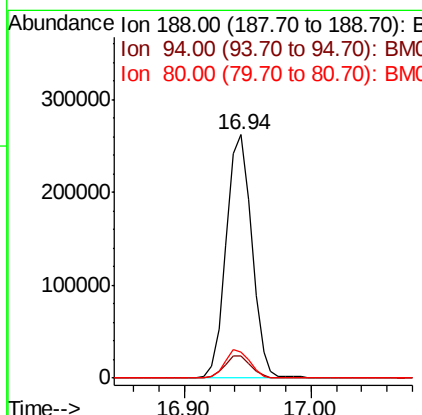
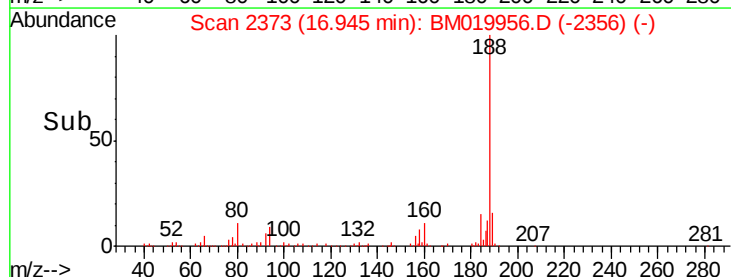
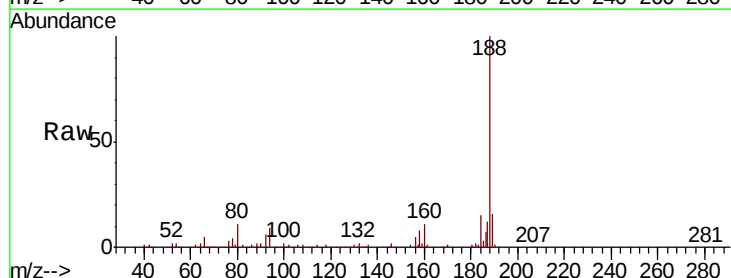
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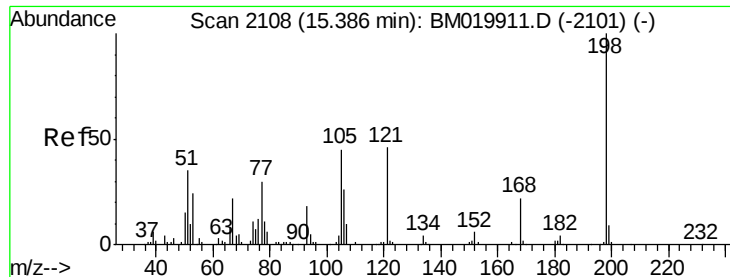
Sohil
4/22/2019 2:53:02 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:	188	Resp:	367008
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.6	11.4
80	10.8	9.4	14.0





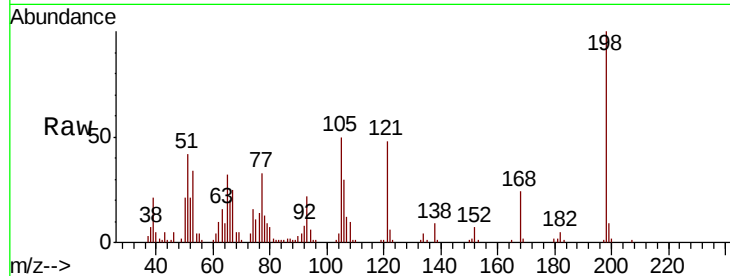
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.305 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

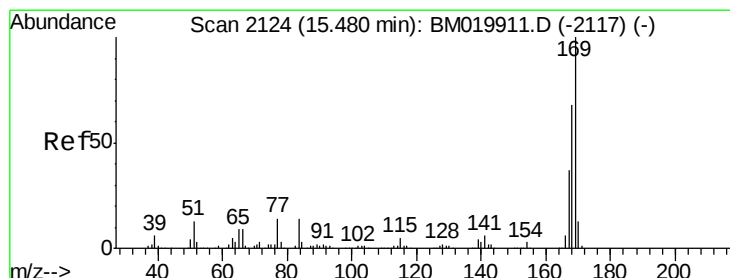
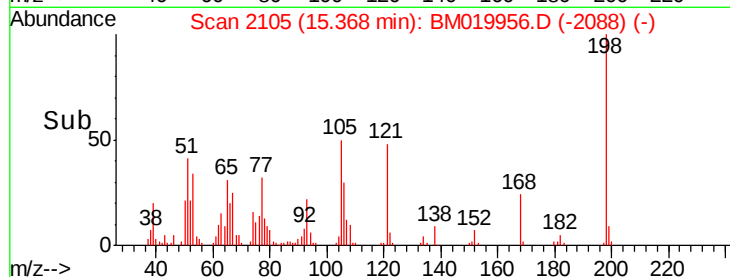
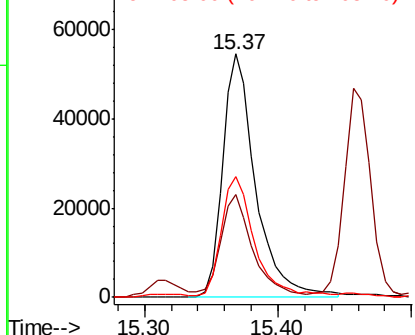
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.1	17.9	57.9
105	49.7	26.1	66.1

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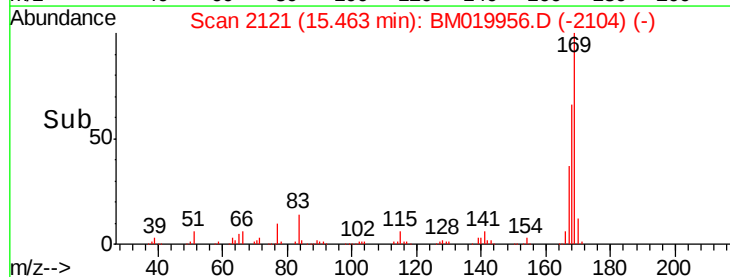
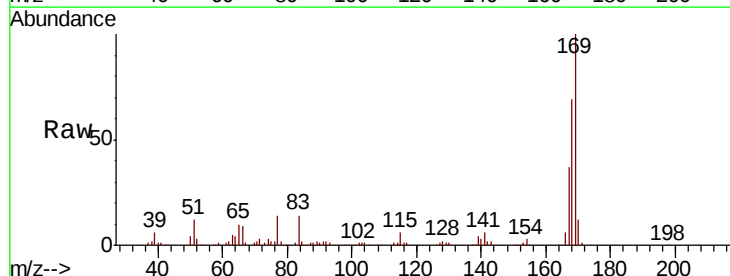
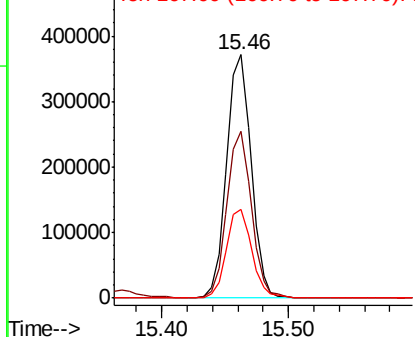
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

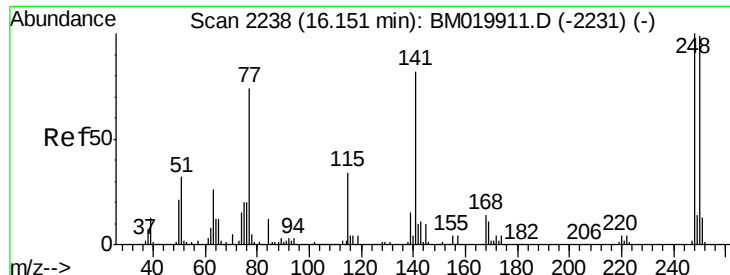


#66
 n-Nitrosodiphenylamine
 Concen: 41.429 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.7	82.1
167	36.7	29.4	44.0

Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





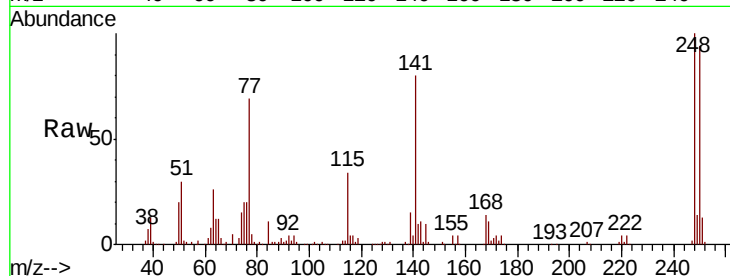
#67
 4-Bromophenyl-phenylether
 Concen: 40.064 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	78.9	118.3
141	79.8	65.6	98.4

Manual Integrations
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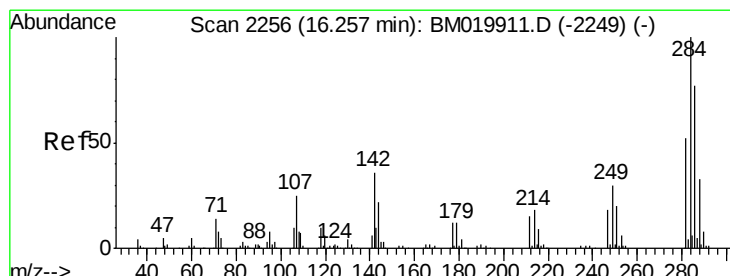
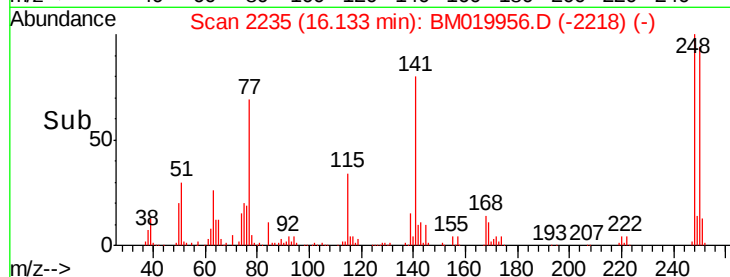
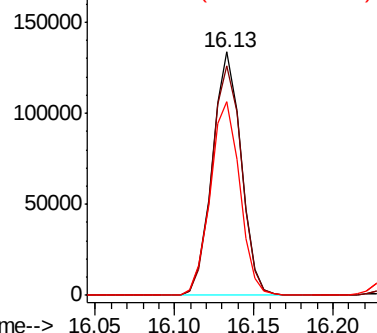


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.885 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

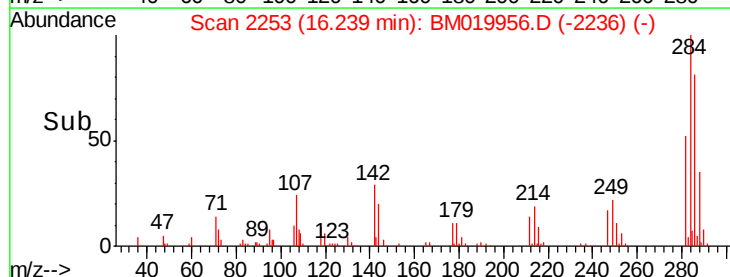
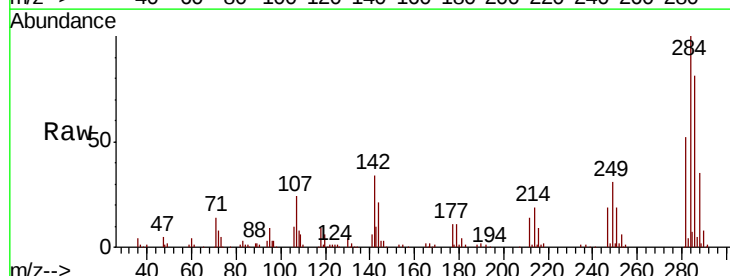
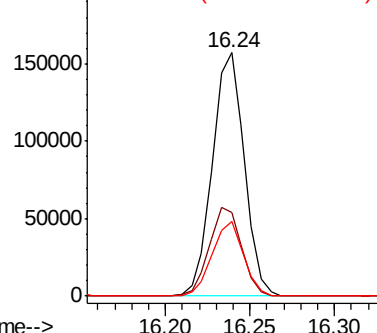
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.9	43.3
249	30.5	23.8	35.6

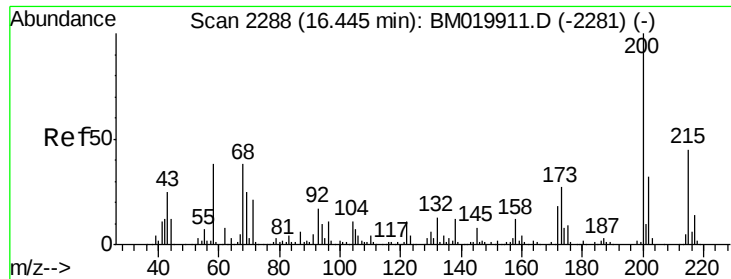
Abundance

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





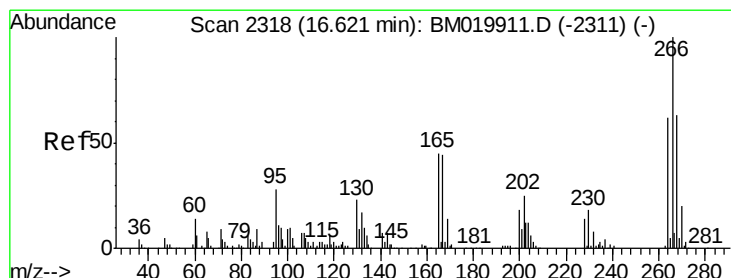
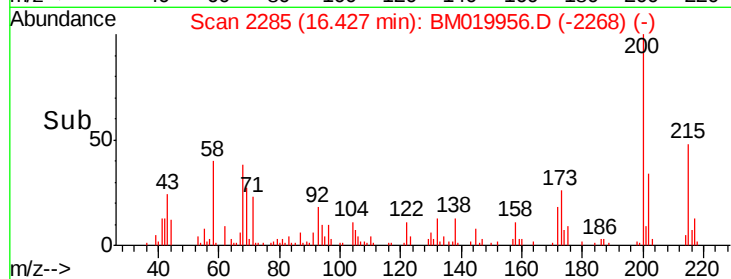
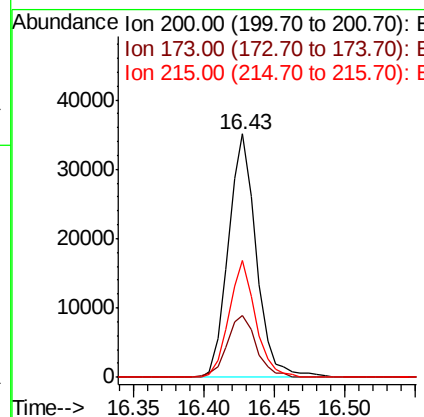
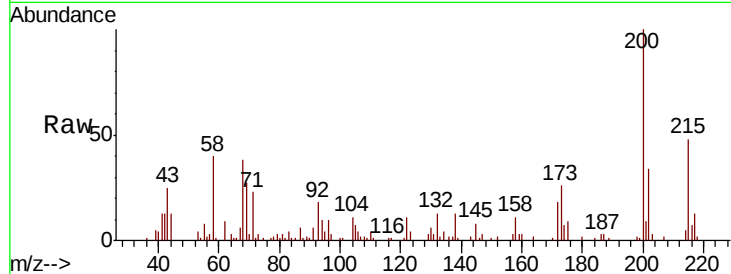
#69
 Atrazine
 Concen: 11.833 ng
 RT: 16.43 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	48197		
173	25.5	7.2	47.2	
215	48.1	25.4	65.4	

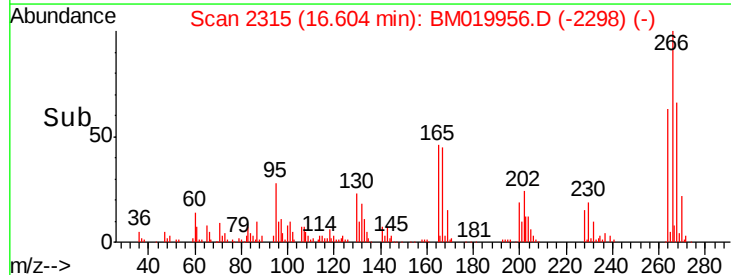
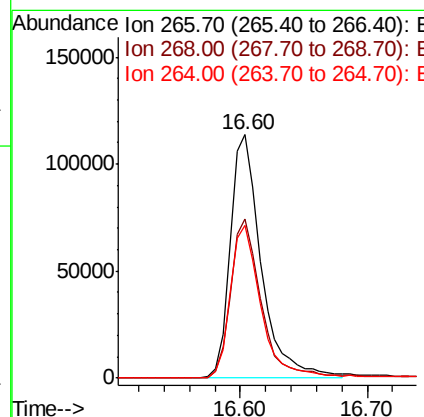
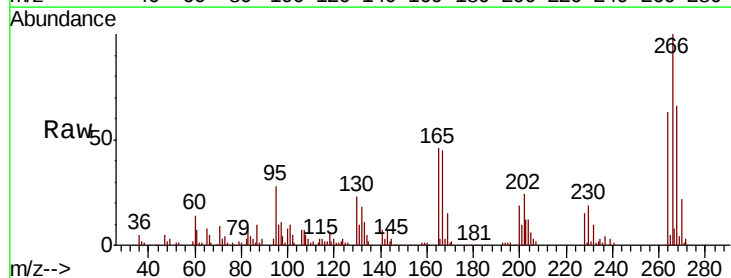
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#70
 Pentachlorophenol
 Concen: 74.162 ng
 RT: 16.60 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	191849		
268	65.5	50.3	75.5	
264	62.7	49.8	74.8	





#71

Phenanthrene

Concen: 41.156 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

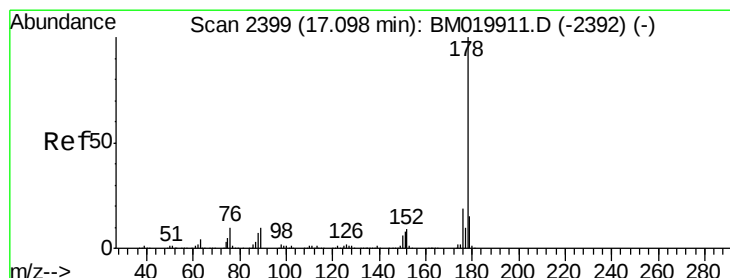
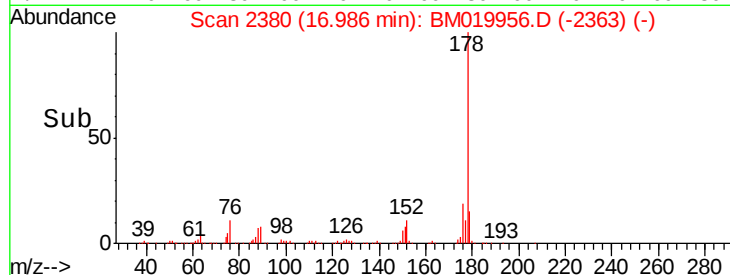
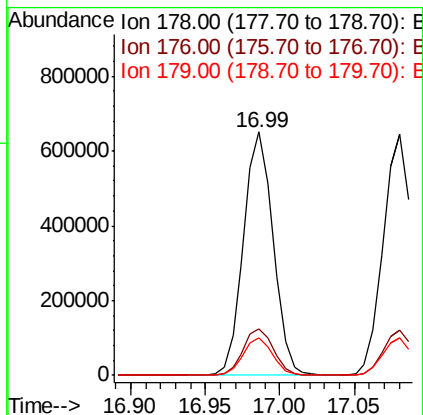
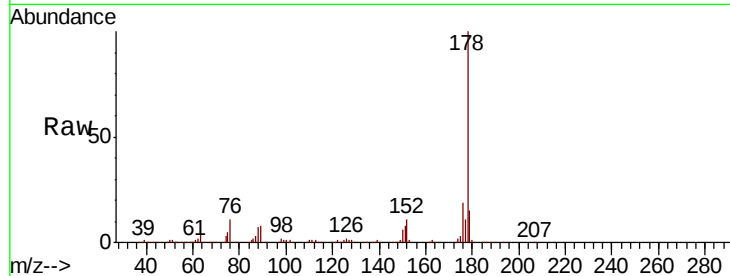
ClientSampleId :

PB118968BSD

Tot Ion:178	Resp:	896359
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.2 22.8
179	15.2	12.2 18.4

Manual Integrations
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#72

Anthracene

Concen: 40.834 ng

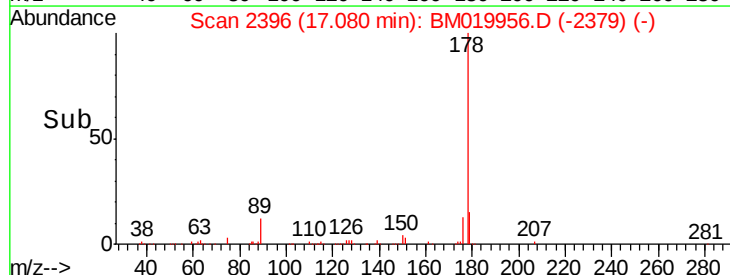
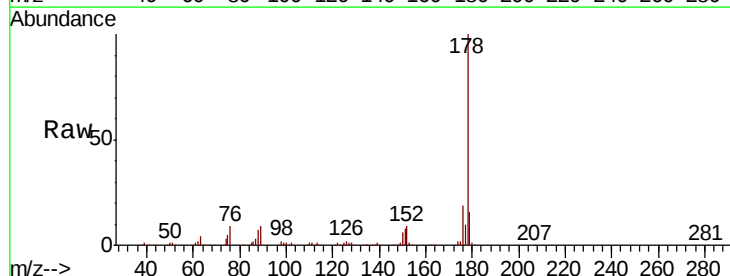
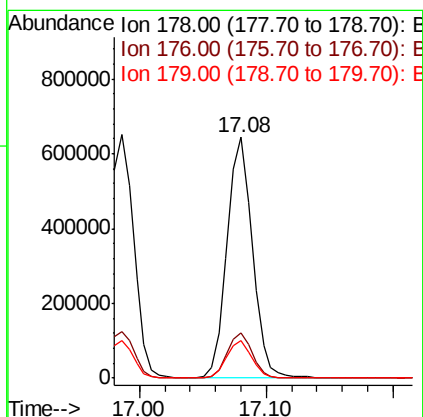
RT: 17.08 min Scan# 2396

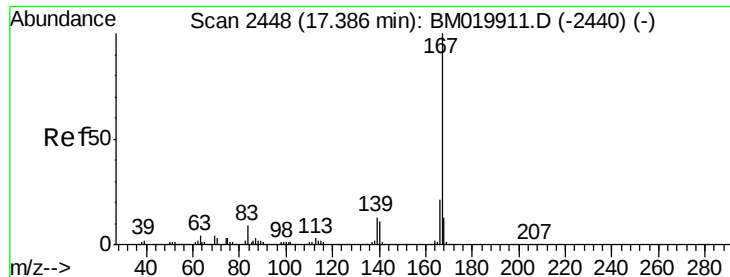
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:178	Resp:	885265
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.0 22.4
179	15.6	12.2 18.4





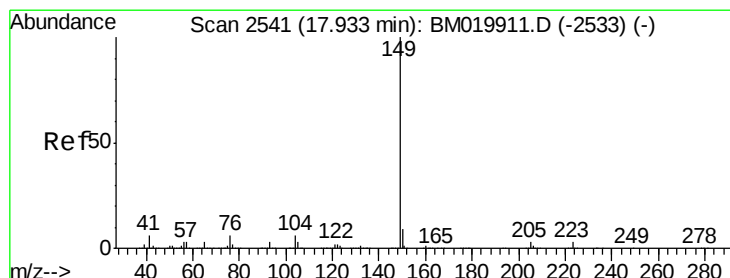
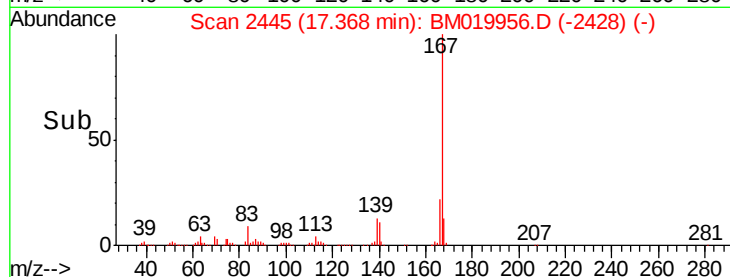
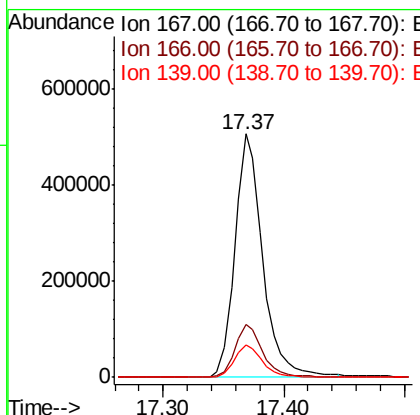
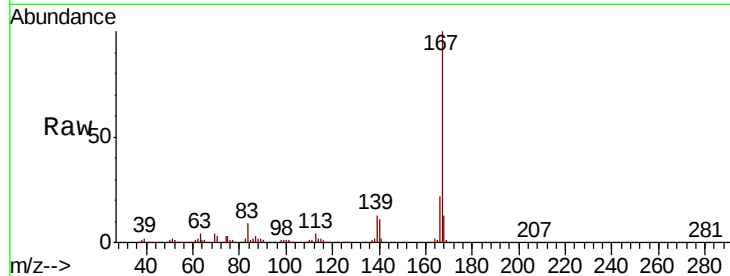
#73
 Carbazole
 Concen: 40.050 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.3	10.7	16.1

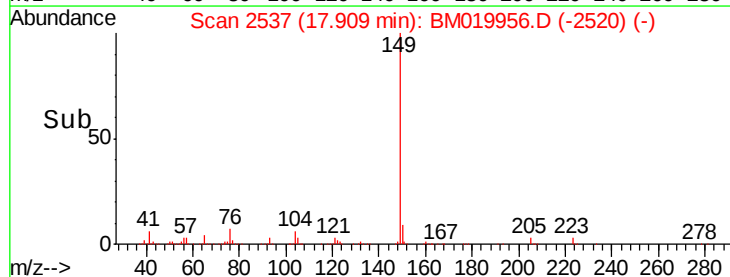
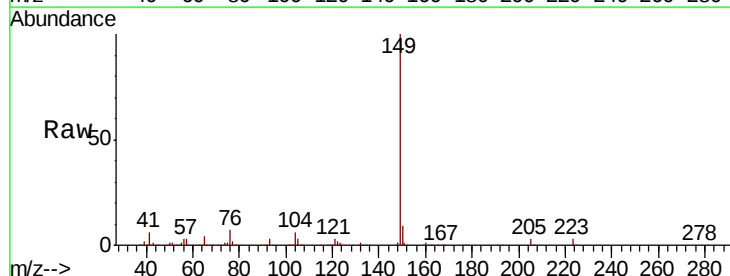
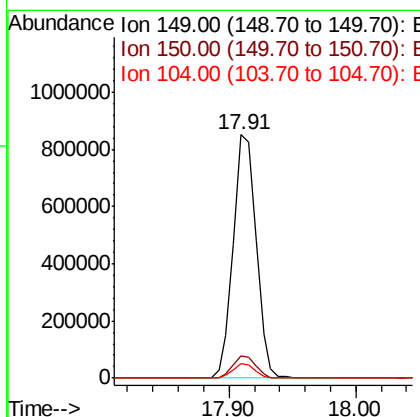
Manual Integrations
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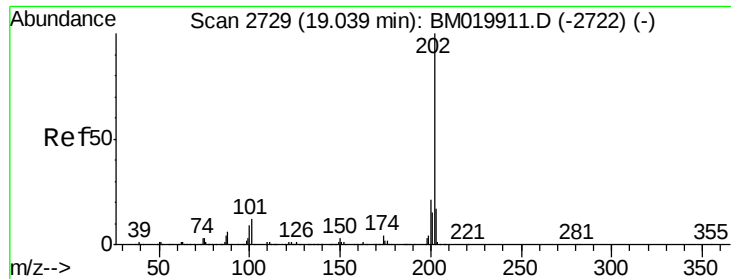
Sohil
 4/22/2019 2:53:02 AM



#74
 Di-n-butylphthalate
 Concen: 39.986 ng
 RT: 17.91 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.0	4.6	7.0





#75

Fluoranthene

Concen: 40.795 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

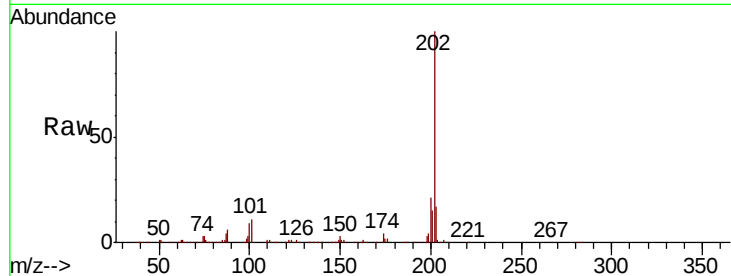
ClientSampleId :

PB118968BSD

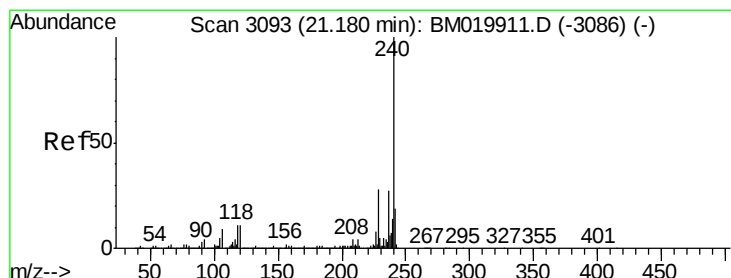
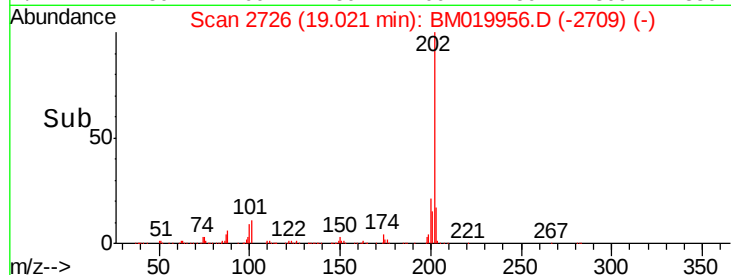
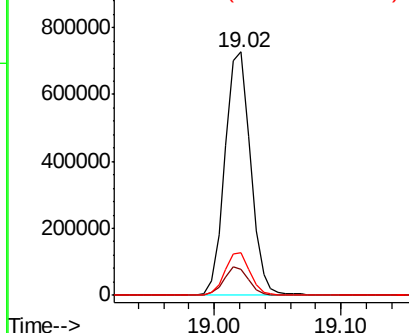
Tot Ion:	202	Resp:	1022484
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.7
203	17.4	0.0	37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

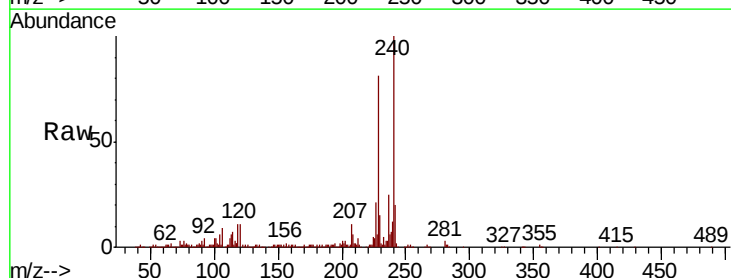
RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

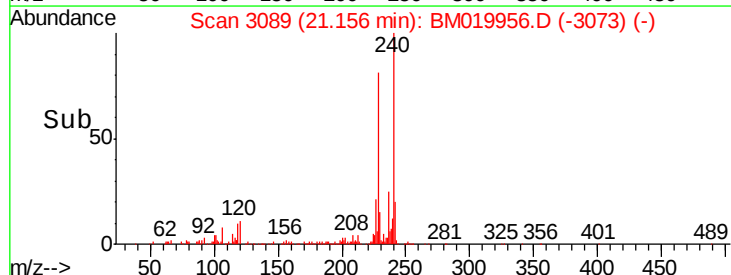
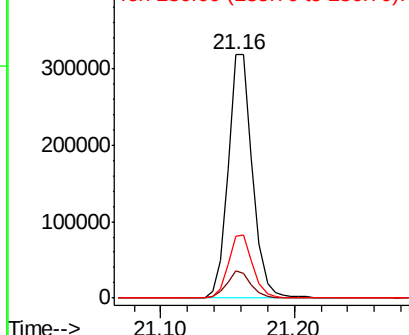
Lab File: BM019956.D

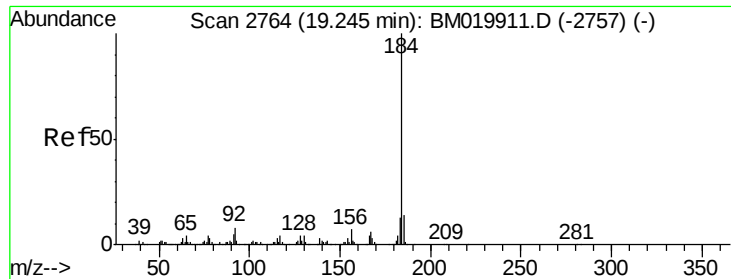
Acq: 18 Apr 2019 16:40

Tgt Ion:	240	Resp:	408631
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.6	13.0
236	25.5	21.4	32.2



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





#77

Benzidine

Concen: 56.415 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

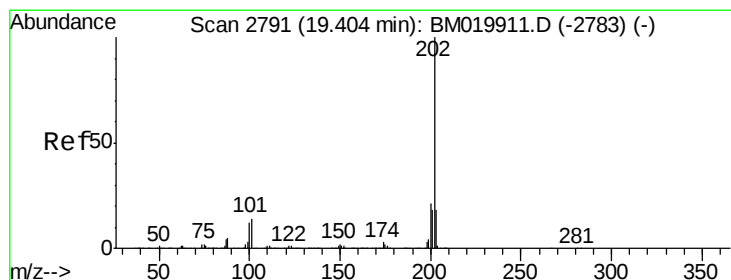
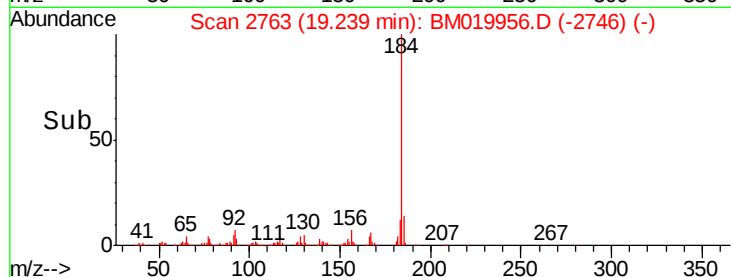
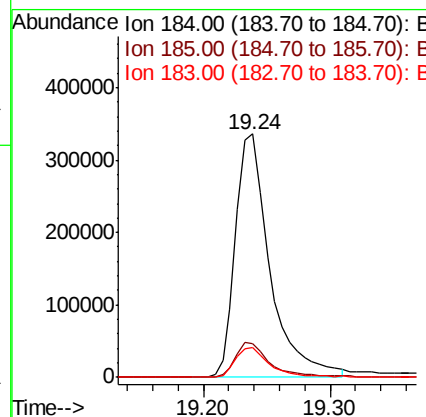
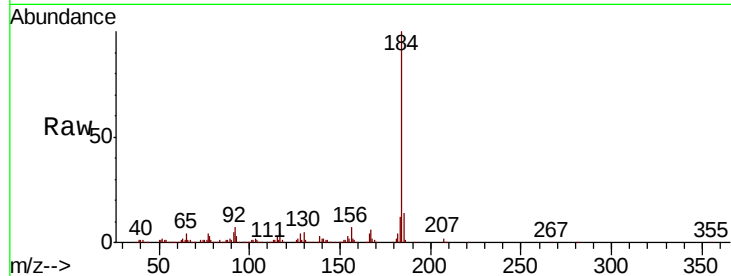
ClientSampleId :

PB118968BSD

Tot Ion:	184	Resp:	636064
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.0	16.6
183	12.4	10.1	15.1

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#78

Pyrene

Concen: 39.145 ng

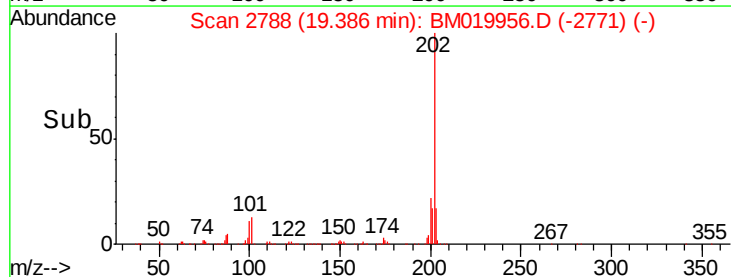
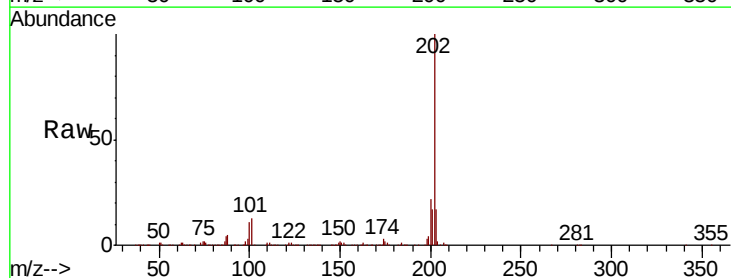
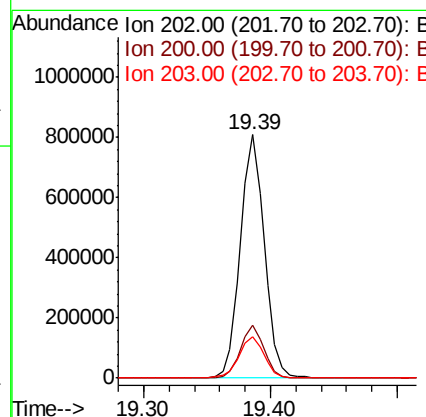
RT: 19.39 min Scan# 2788

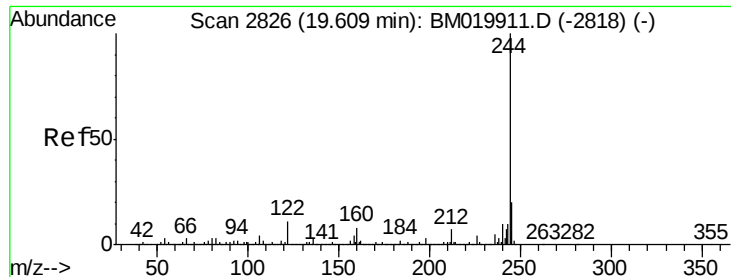
Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	202	Resp:	1059282
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.0	25.4
203	17.2	14.0	21.0





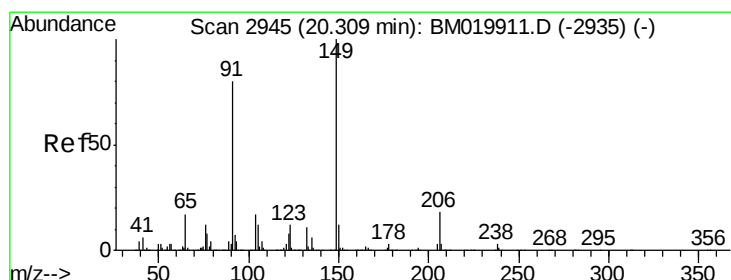
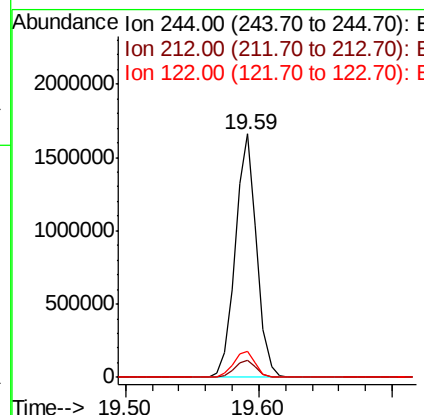
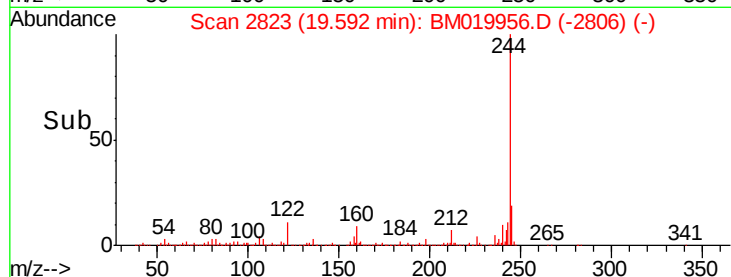
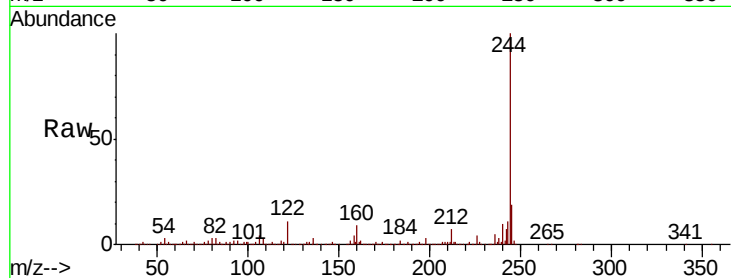
#79
 Terphenyl-d14
 Concen: 80.070 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.6	9.1	13.7

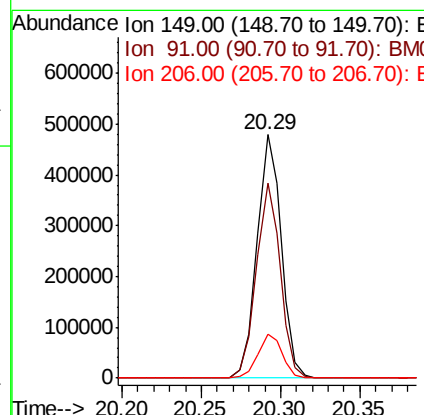
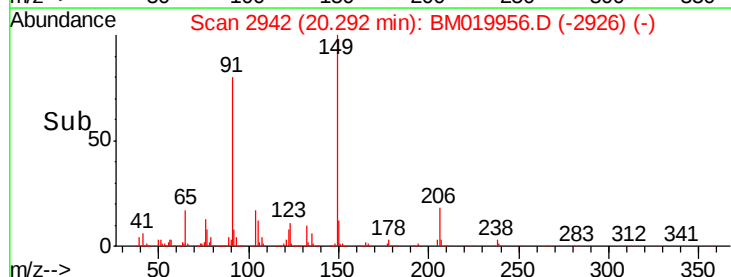
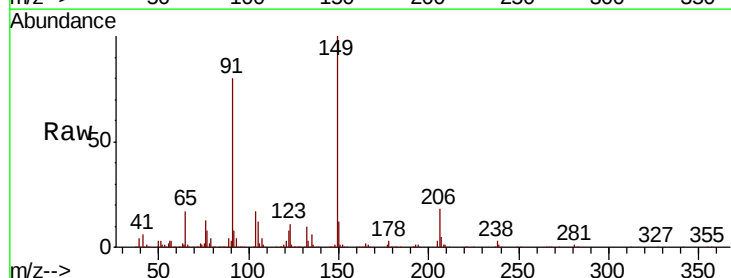
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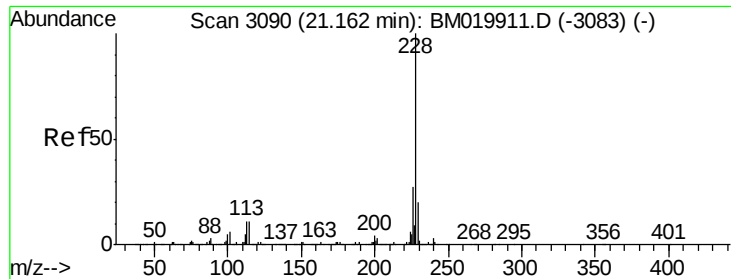
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#80
 Butylbenzylphthalate
 Concen: 38.791 ng
 RT: 20.29 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.2	63.7	95.5
206	17.9	14.6	21.8





#81

Benzo(a)anthracene

Concen: 40.858 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

PB118968BSD

Tot Ion:228 Resp: 1057626

Ion Ratio Lower Upper

228 100

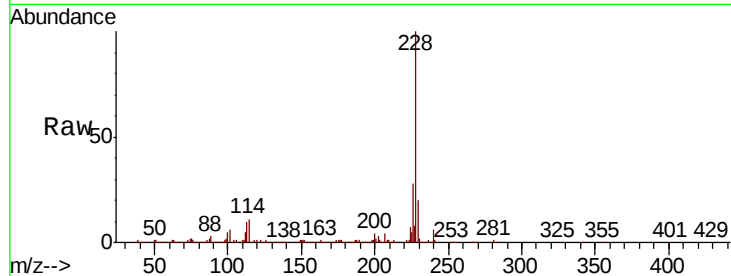
226 27.5 21.8 32.6

229 19.6 15.9 23.9

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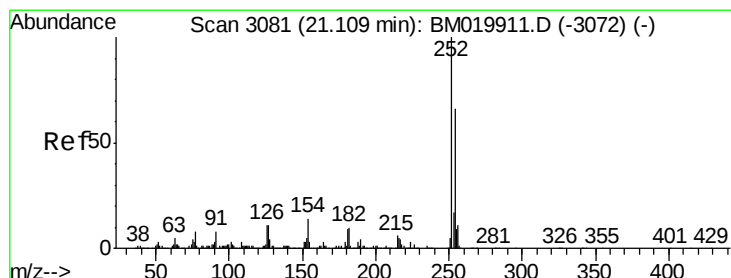
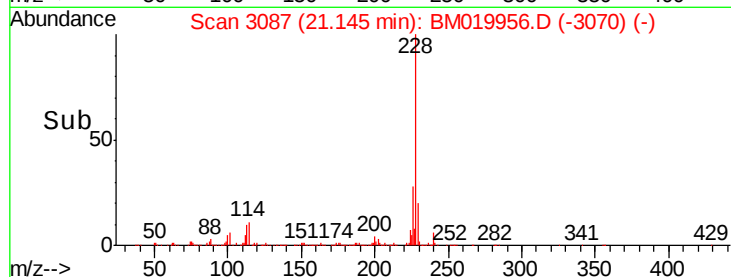
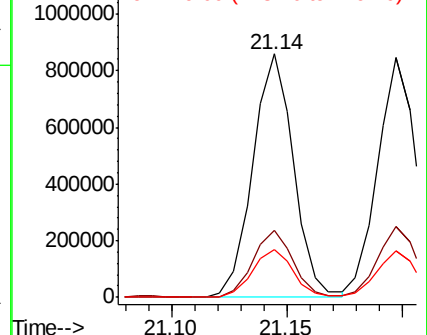


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.376 ng

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

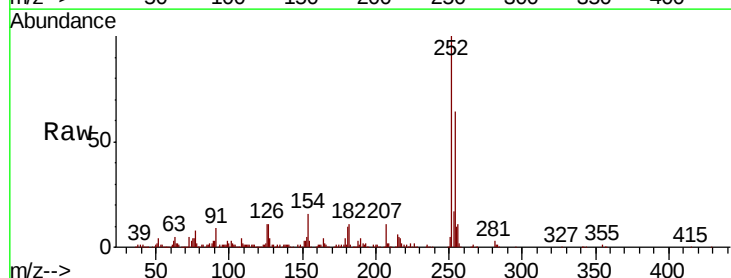
Tgt Ion:252 Resp: 417750

Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

126 10.7 8.6 12.8

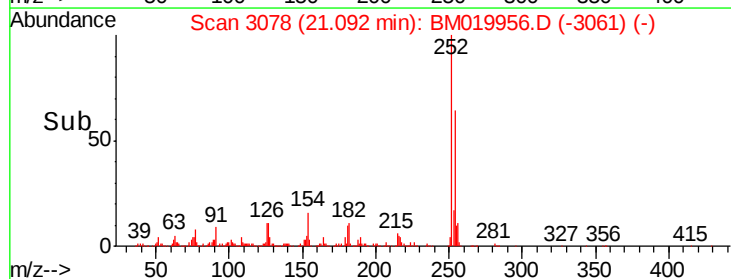
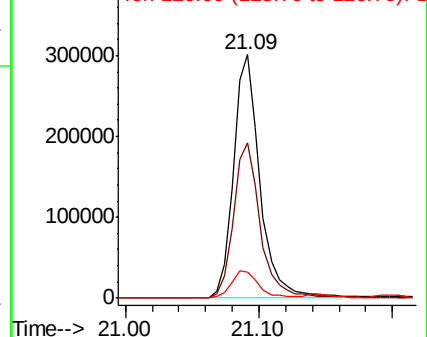


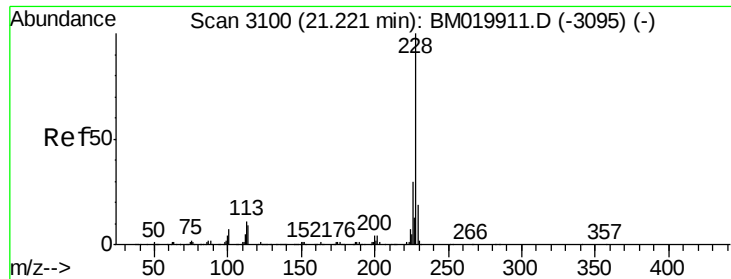
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





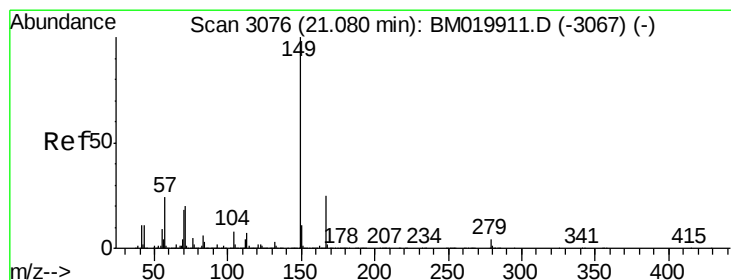
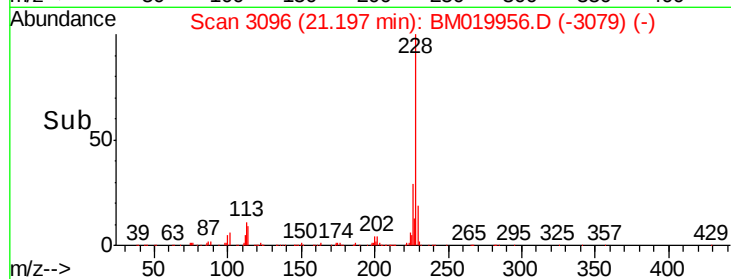
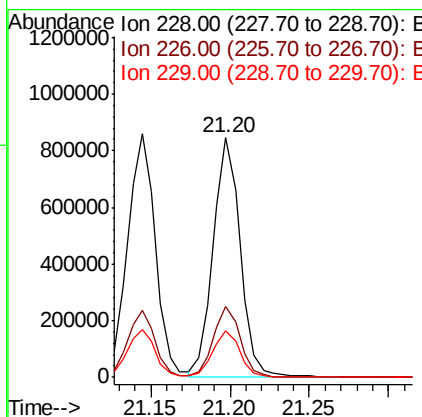
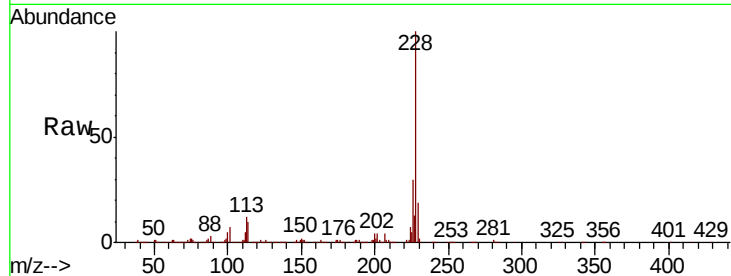
#83
 Chrvsene
 Concen: 40.342 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	19.4	15.6	23.4

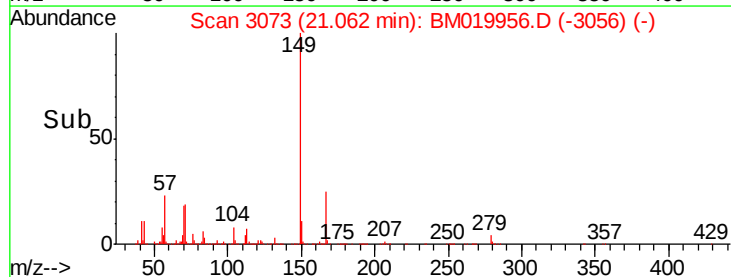
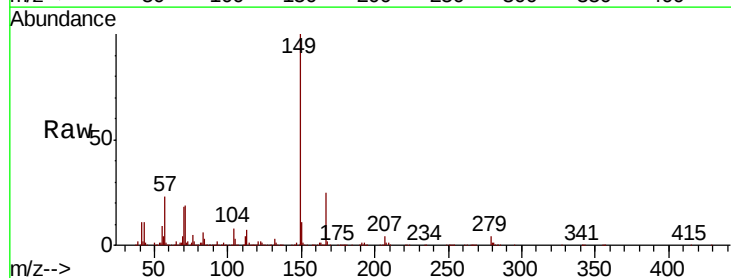
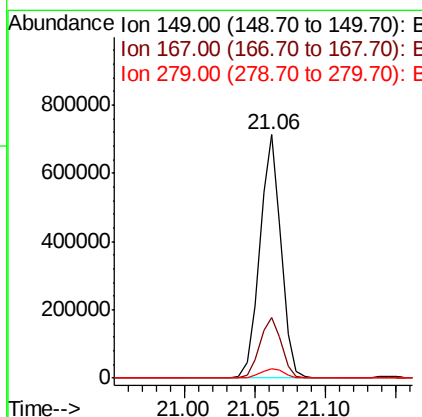
Manual Integrations
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.342 ng
 RT: 21.06 min Scan# 3073
 Delta R.T. -0.00 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.3	30.5
279	4.0	3.4	5.2





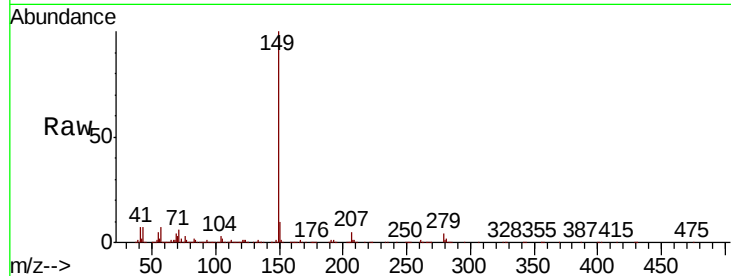
#85
Di-n-octyl phthalate
Concen: 41.744 ng
RT: 21.93 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.6	6.0	9.0

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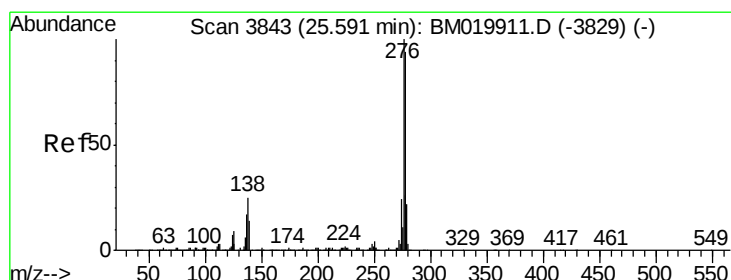
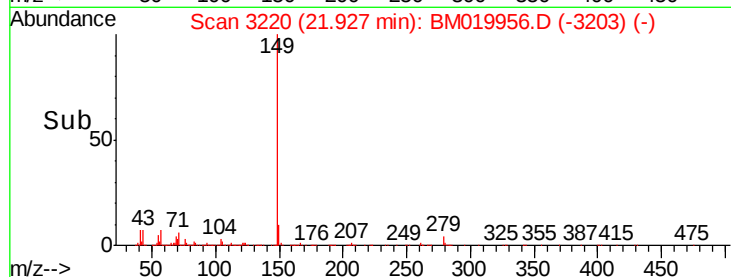
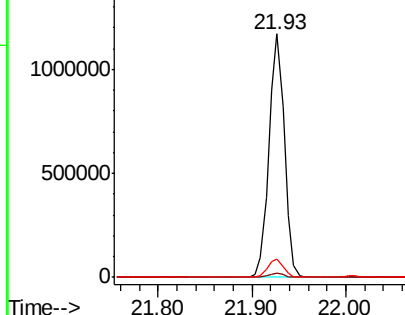


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86
Indeno(1,2,3-cd)pyrene
Concen: 60.815 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

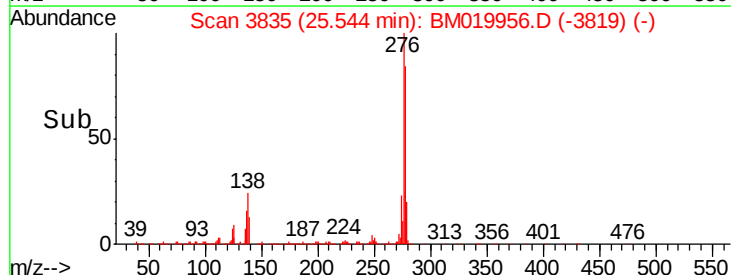
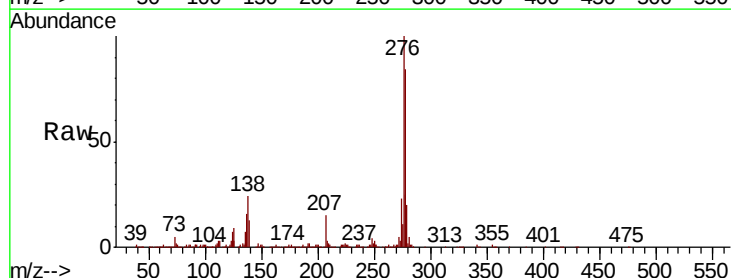
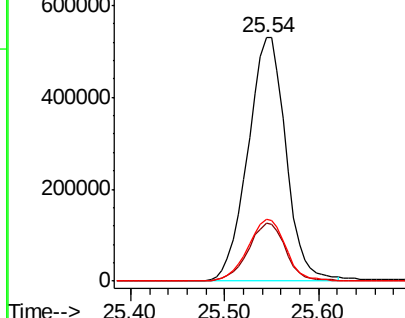
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.6
277	25.3	20.3	30.5

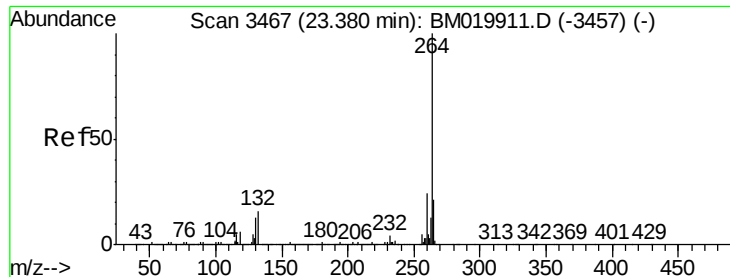
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

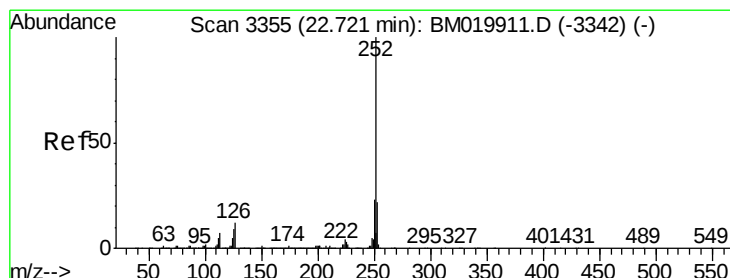
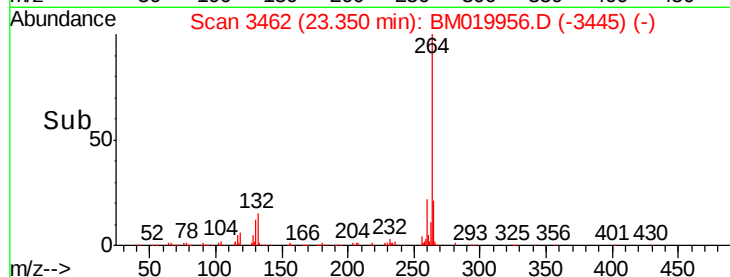
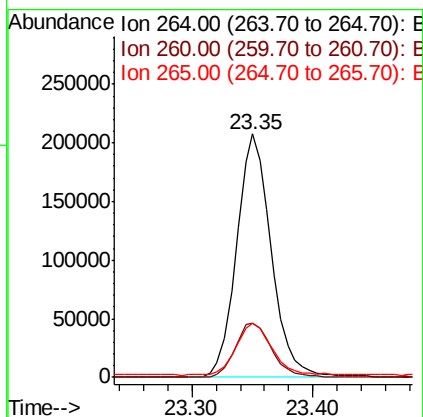
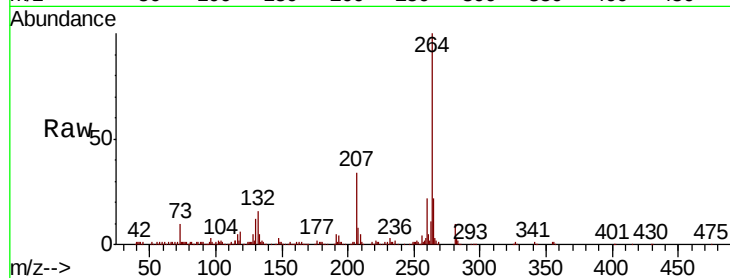
ClientSampleId :

PB118968BSD

Tot Ion:	264	Resp:	414363
Ion Ratio		Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.3	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 41.867 ng

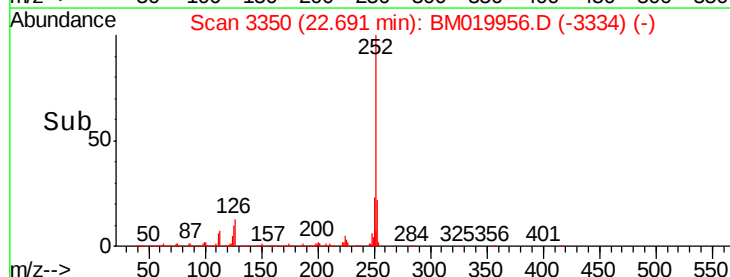
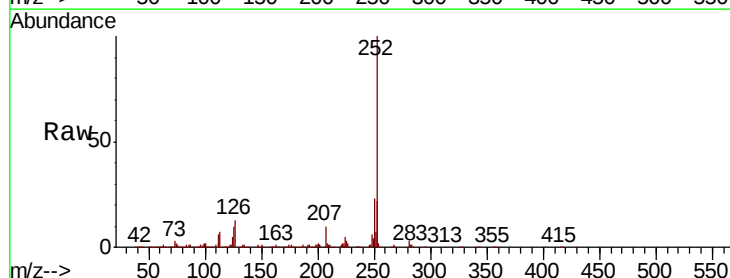
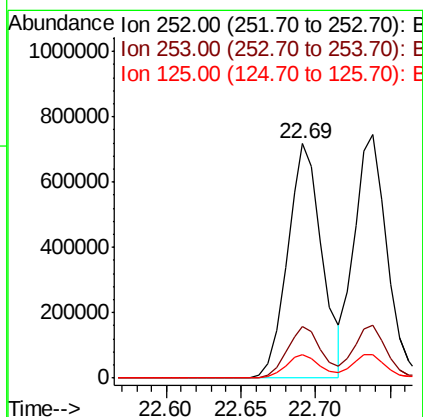
RT: 22.69 min Scan# 3350

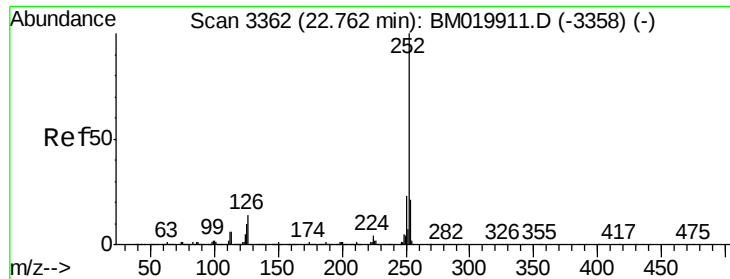
Delta R.T. -0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:	252	Resp:	1151943
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.1	7.6	11.4





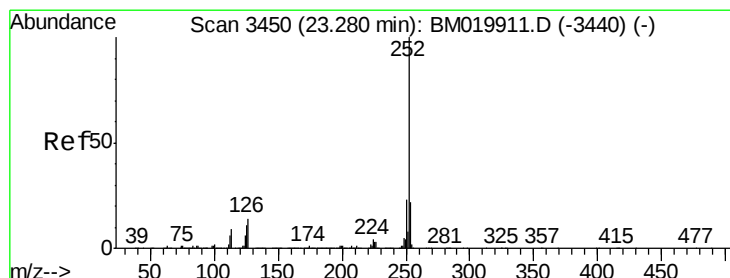
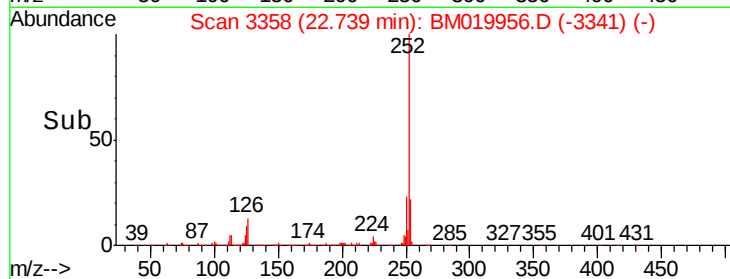
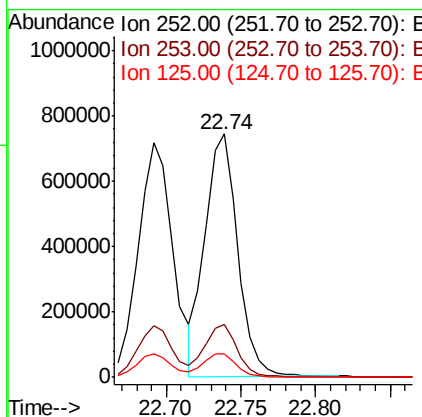
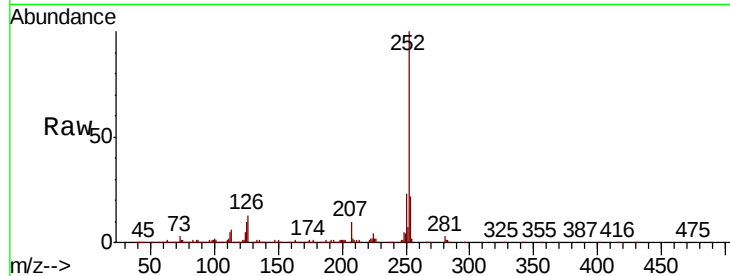
#89
Benzo(k)fluoranthene
Concen: 43.782 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :
PB118968BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.6	8.2	12.4

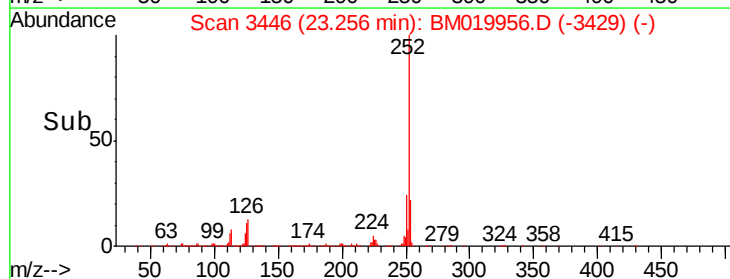
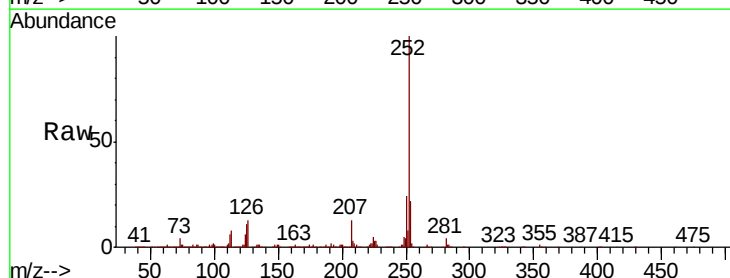
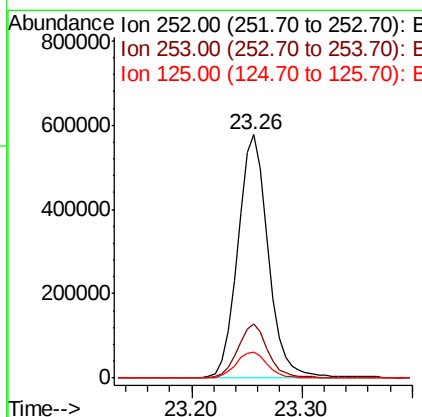
Manual Integrations
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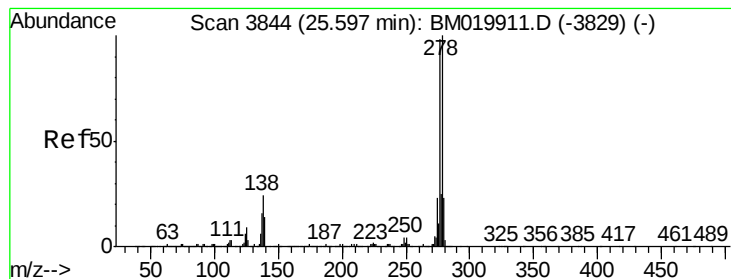
Sohil
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#90
Benzo(a)pyrene
Concen: 45.633 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.9	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 53.897 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

PB118968BSD

Tot Ion:278 Resp: 1266833

Ion Ratio Lower Upper

278 100

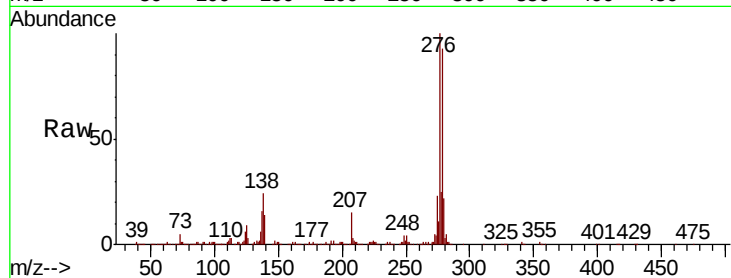
139 15.1 11.6 17.4

279 23.5 18.4 27.6

Manual Integrations
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4/22/2019 2:53:02 AM

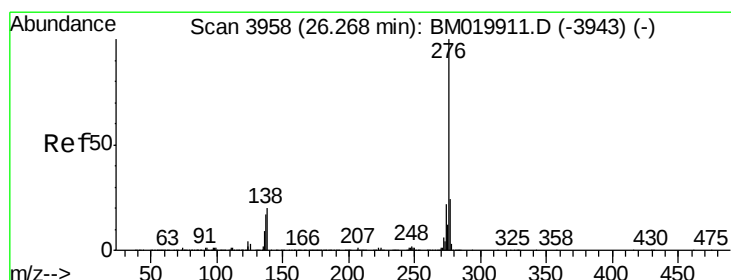
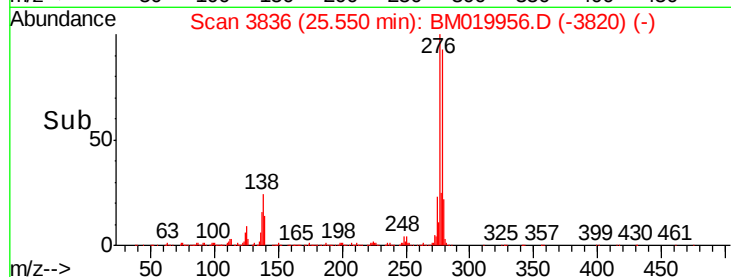
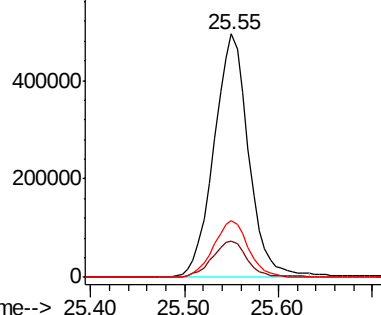


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.291 ng

RT: 26.21 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

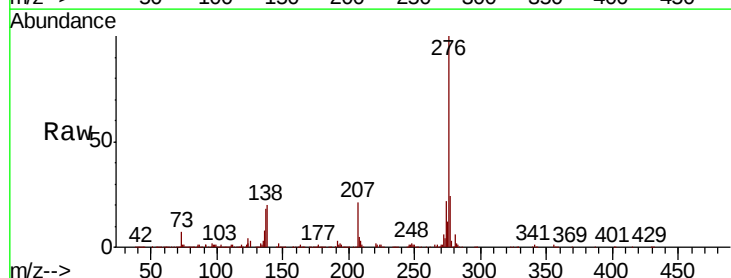
Tgt Ion:276 Resp: 1219675

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.3 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

