

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019955.D
 Acq On : 18 Apr 2019 16:03
 Operator : JU/SJ
 Sample : PB118968BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Manual Integrations
 APPROVED

Sohil
 4/22/2019 2:52:52 AM

Quant Time: Apr 19 00:59:26 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	84112	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	335280	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	177872	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	382264	20.00	ng	0.00
76) Chrysene-d12	21.16	240	428405	20.00	ng	0.00
87) Perylene-d12	23.35	264	420914	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	405378	78.11	ng	0.00
7) Phenol-d6	6.71	99	565239	72.37	ng	0.00
23) Nitrobenzene-d5	8.69	82	599190	79.92	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	213611	74.60	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1154656	80.90	ng	0.00
79) Terphenyl-d14	19.59	244	1934708	79.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	97211	43.404	ng	100
3) Pyridine	3.50	79	267554	42.657	ng	99
4) n-Nitrosodimethylamine	3.43	42	79802	39.495	ng	# 94
6) Aniline	6.86	93	362996	35.981	ng	100
8) 2-Chlorophenol	7.08	128	241854	37.467	ng	100
9) Benzaldehyde	6.69	77	181384	39.165	ng	99
10) Phenol	6.73	94	315049	36.917	ng	96
11) bis(2-Chloroethyl)ether	6.96	93	235537	37.723	ng	99
12) 1,3-Dichlorobenzene	7.39	146	269954	39.835	ng	97
13) 1,4-Dichlorobenzene	7.55	146	273456	39.772	ng	99
14) 1,2-Dichlorobenzene	7.85	146	266721	39.123	ng	98
15) Benzyl Alcohol	7.77	79	251595	35.431	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.05	45	217092	36.473	ng	98
17) 2-Methylphenol	7.97	107	203086	35.956	ng	98
18) Hexachloroethane	8.56	117	104200	38.987	ng	99
19) n-Nitroso-di-n-propylamine	8.32	70	224949	32.762	ng	99
20) 3+4-Methylphenols	8.30	107	274337	35.358	ng	99
22) Acetophenone	8.35	105	386905	42.368	ng	# 98
24) Nitrobenzene	8.73	77	326263	42.009	ng	98
25) Isophorone	9.24	82	552513	37.859	ng	99
26) 2-Nitrophenol	9.43	139	130965	39.571	ng	99
27) 2,4-Dimethylphenol	9.49	122	187493	40.066	ng	97
28) bis(2-Chloroethoxy)methane	9.72	93	311684	38.140	ng	99
29) 2,4-Dichlorophenol	9.96	162	213369	40.147	ng	97
30) 1,2,4-Trichlorobenzene	10.15	180	244251	42.699	ng	99
31) Naphthalene	10.34	128	748979	41.648	ng	99
32) Benzoic acid	9.67	122	141637	33.808	ng	99
33) 4-Chloroaniline	10.49	127	287278	38.777	ng	99
34) Hexachlorobutadiene	10.59	225	138038	40.916	ng	98
35) Caprolactam	11.33	113	67857m	33.730	ng	
36) 4-Chloro-3-methylphenol	11.62	107	241835	36.621	ng	99
37) 2-Methylnaphthalene	11.96	142	520295	39.740	ng	99
38) 1-Methylnaphthalene	12.19	142	497643	38.496	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	243805	44.431	ng	100

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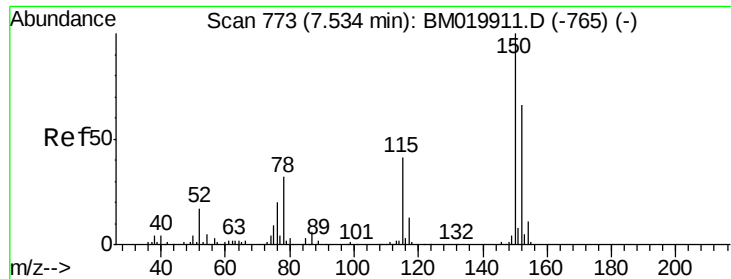
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	154401	79.553	nq	97
43) 2,4,6-Trichlorophenol	12.60	196	157702	42.391	nq	99
44) 2,4,5-Trichlorophenol	12.69	196	163889	42.327	nq	99
46) 1,1'-Biphenyl	13.00	154	649407	42.153	nq	99
47) 2-Chloronaphthalene	13.05	162	509606	43.366	nq	98
48) 2-Nitroaniline	13.29	65	170275	40.199	nq	98
49) Acenaphthylene	13.90	152	809881	39.610	nq	99
50) Dimethylphthalate	13.65	163	638904	40.722	nq	99
51) 2,6-Dinitrotoluene	13.79	165	138264	39.852	nq	91
52) Acenaphthene	14.24	154	471261	41.569	nq	99
53) 3-Nitroaniline	14.13	138	137010	39.550	nq	98
54) 2,4-Dinitrophenol	14.36	184	145138	70.985	nq	91
55) Dibenzofuran	14.58	168	757045	40.837	nq	97
56) 4-Nitrophenol	14.47	139	178815	66.484	nq	98
57) 2,4-Dinitrotoluene	14.60	165	196220	39.346	nq	98
58) Fluorene	15.24	166	614102	39.094	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	137322	38.869	nq	100
60) Diethylphthalate	15.02	149	656172	40.212	nq	100
61) 4-Chlorophenyl-phenylether	15.23	204	296081	39.148	nq	94
62) 4-Nitroaniline	15.32	138	126637	37.102	nq	95
63) Azobenzene	15.53	77	713847	40.931	nq	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	99240	40.689	nq	95
66) n-Nitrosodiphenylamine	15.46	169	514145	41.141	nq	99
67) 4-Bromophenyl-phenylether	16.13	248	175665	39.970	nq	98
68) Hexachlorobenzene	16.24	284	214962	40.763	nq	100
69) Atrazine	16.43	200	51815	12.213	nq	99
70) Pentachlorophenol	16.60	266	200448	74.393	nq	99
71) Phenanthrene	16.99	178	925675	40.806	nq	99
72) Anthracene	17.08	178	934823	41.399	nq	99
73) Carbazole	17.37	167	845544	40.106	nq	99
74) Di-n-butylphthalate	17.92	149	1115192	40.278	nq	100
75) Fluoranthene	19.02	202	1065368	40.809	nq	99
77) Benzidine	19.23	184	663144	56.102	nq	99
78) Pyrene	19.39	202	1110680	39.150	nq	99
80) Butylbenzylphthalate	20.29	149	534821	38.884	nq	99
81) Benzo(a)anthracene	21.14	228	1112048	40.977	nq	100
82) 3,3'-Dichlorobenzidine	21.09	252	440400	43.617	nq	99
83) Chrysene	21.20	228	1046940	40.227	nq	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	786679	38.418	nq	99
85) Di-n-octyl phthalate	21.93	149	1384639	41.673	nq	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	1506190	58.830	nq	100
88) Benzo(b)fluoranthene	22.69	252	1181257	42.264	nq	99
89) Benzo(k)fluoranthene	22.74	252	1167318	44.364	nq	99
90) Benzo(a)pyrene	23.26	252	1148905	46.393	nq	98
91) Dibenzo(a,h)anthracene	25.55	278	1284765	53.809	nq	100
92) Benzo(g,h,i)perylene	26.22	276	1239929	57.336	nq	99

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



#1

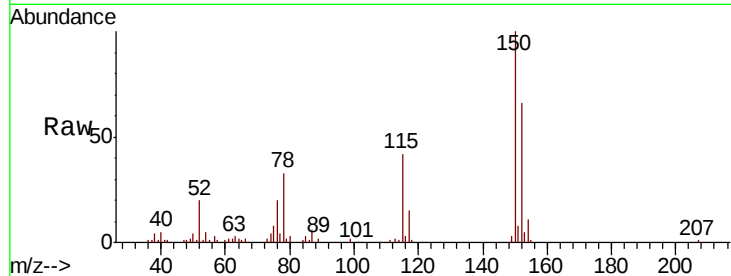
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.1	183.1
115	63.4	50.0	75.0

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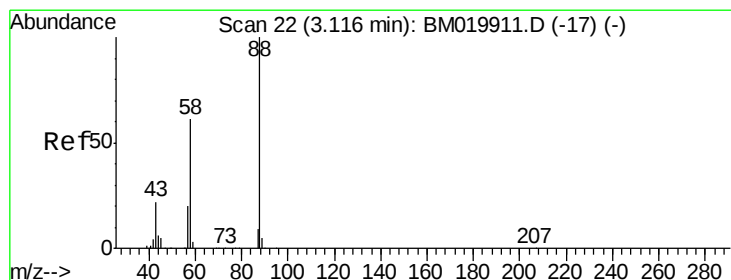
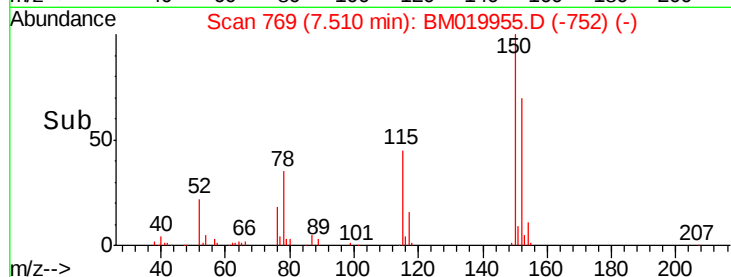
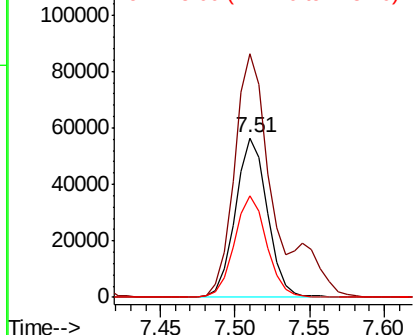


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

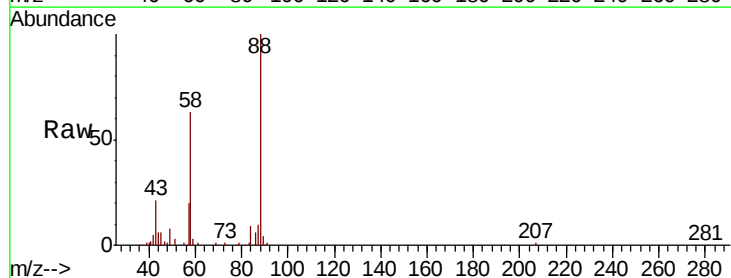
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.404 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	49.6	74.4
43	23.9	18.6	27.8

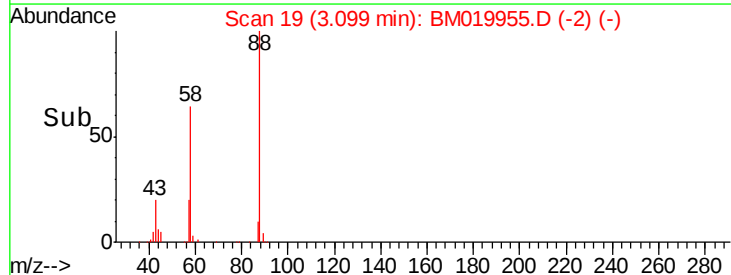
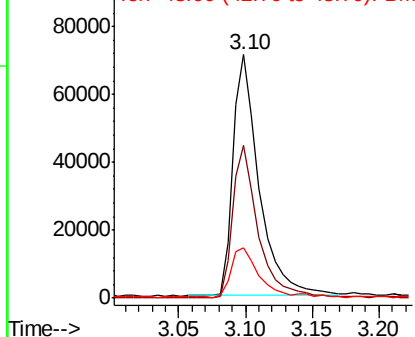


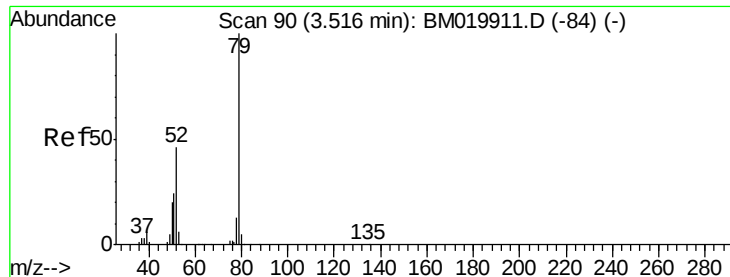
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 42.657 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

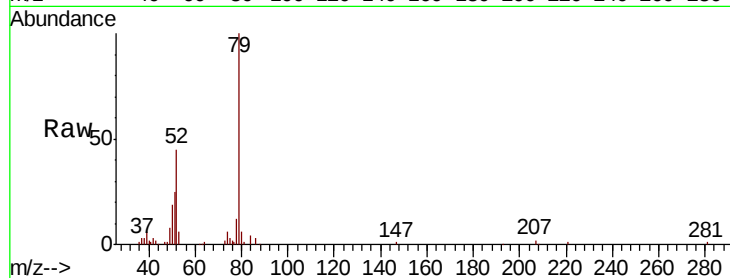
ClientSampled :

PB118968BS

Tot Ion:	79	Resp:	267554
Ion Ratio	Lower	Upper	
79	100		
52	45.4	36.9	55.3
51	25.3	20.0	30.0

Manual Integrations
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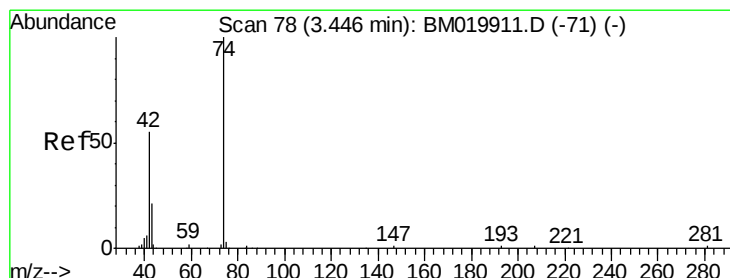
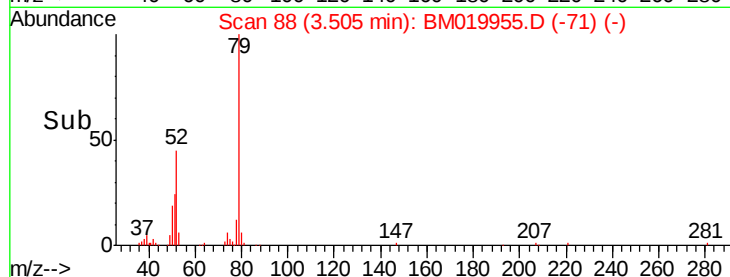
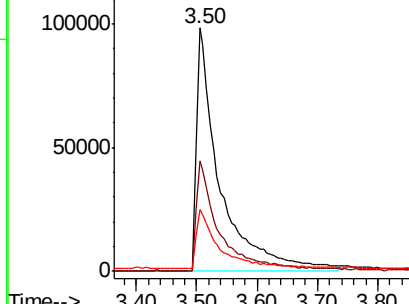
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Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019911.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 39.495 ng

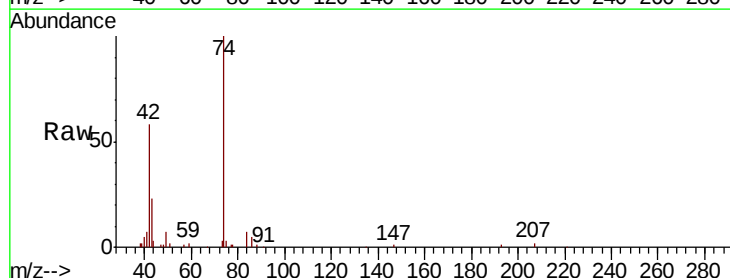
RT: 3.43 min Scan# 75

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

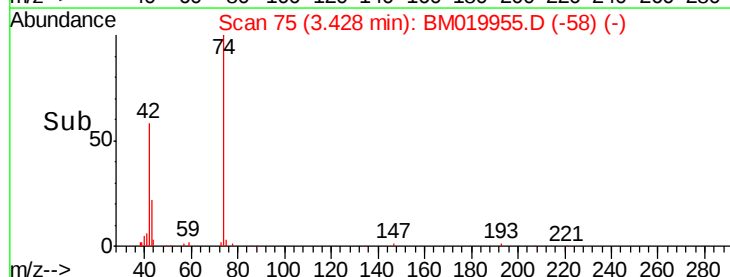
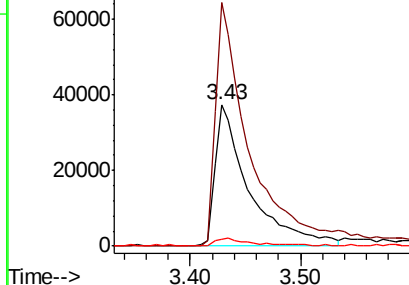
Tgt Ion:	42	Resp:	79802
Ion Ratio	Lower	Upper	
42	100		
74	171.9	144.6	217.0
44	5.2	5.4	8.2#

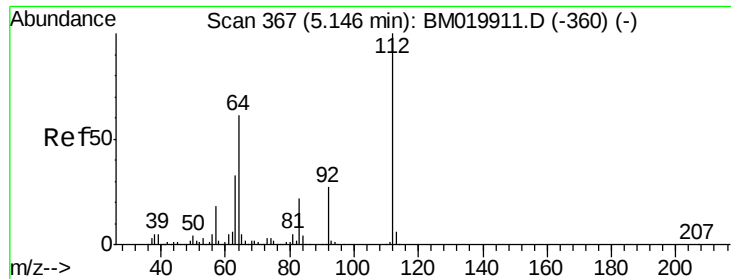


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM019911.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM019911.D (-71) (-)





#5

2-Fluorophenol

Concen: 78.107 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

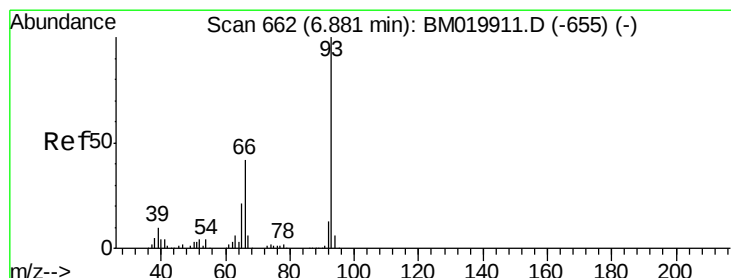
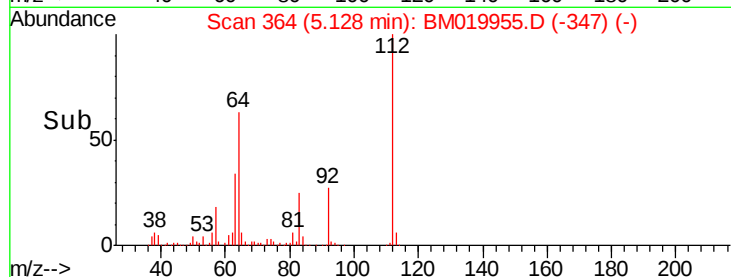
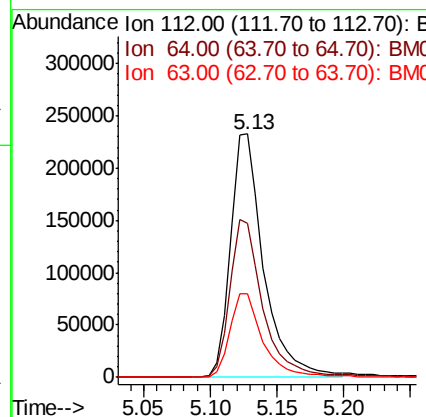
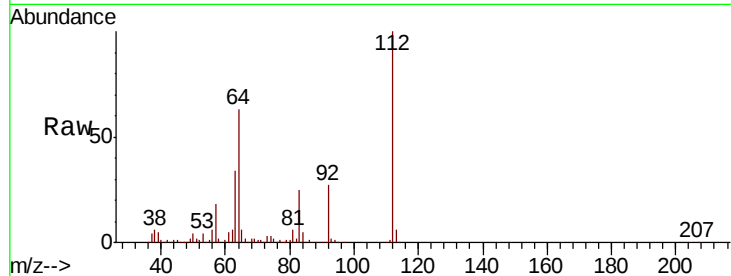
ClientSampleId :

PB118968BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	405378		
64	63.1	49.1	73.7	
63	34.5	26.5	39.7	

Manual Integrations
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#6

Aniline

Concen: 35.981 ng

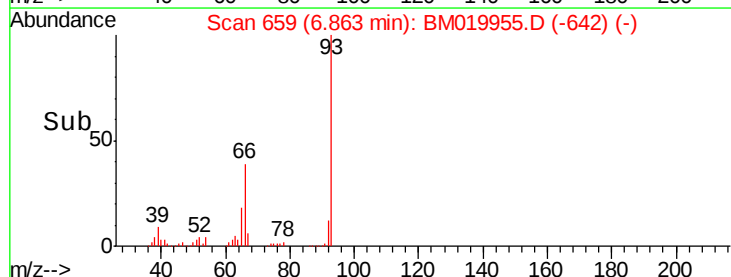
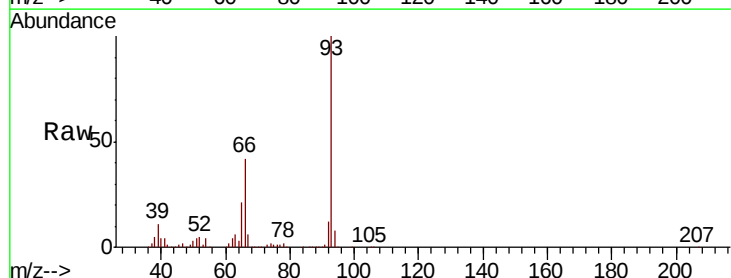
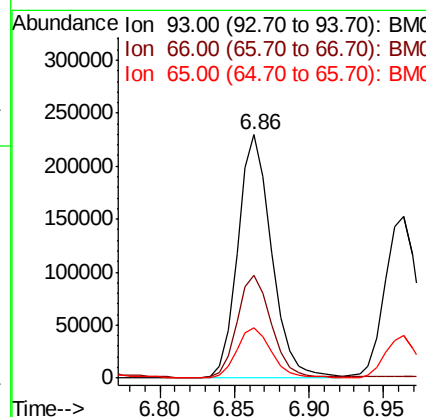
RT: 6.86 min Scan# 659

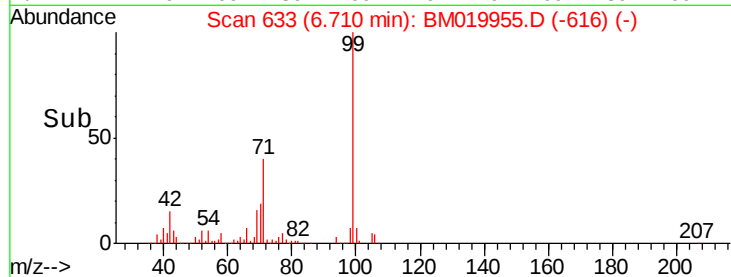
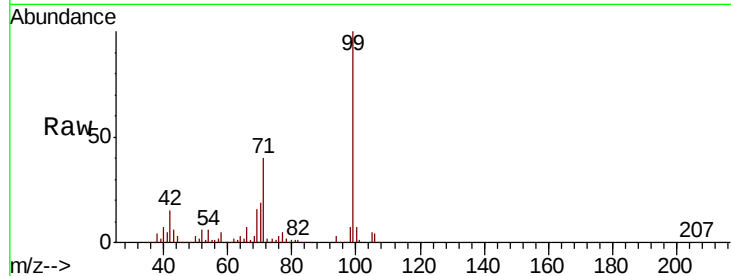
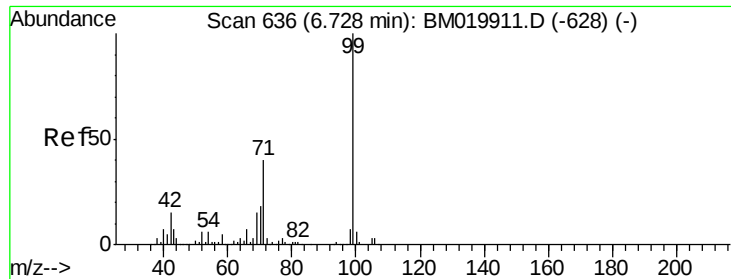
Delta R.T. -0.00 min

Lab File: BM019955.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	362996		
66	42.4	33.9	50.9	
65	20.9	17.0	25.6	





#7

Phenol-d6

Concen: 72.365 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tot Ion	99	Resp	565239
Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.8	17.8
71	40.2	32.0	48.0

Instrument :

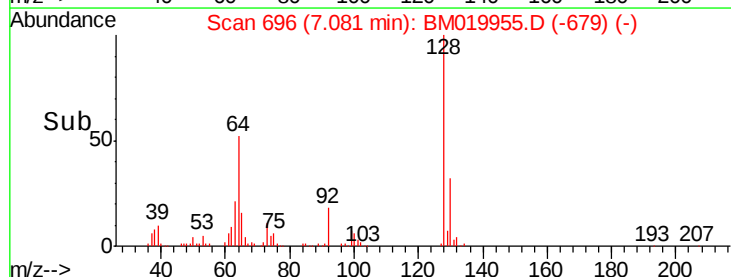
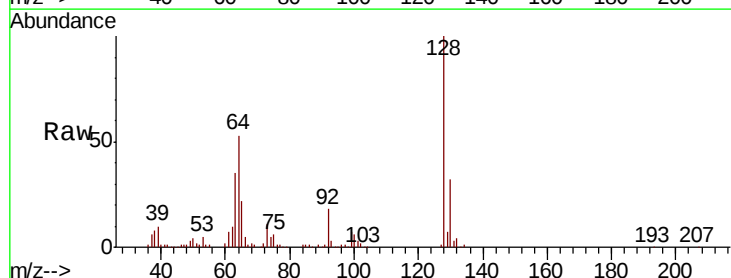
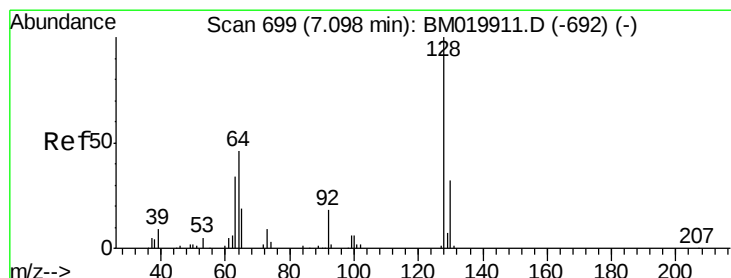
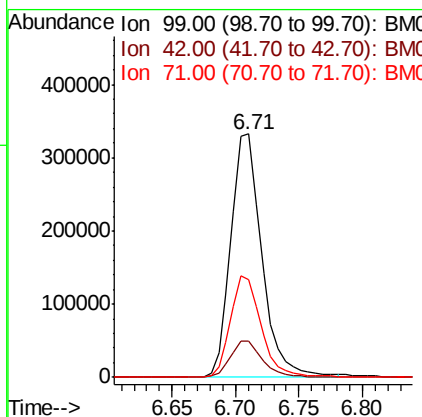
BNA_M

ClientSampleId :

PB118968BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.467 ng

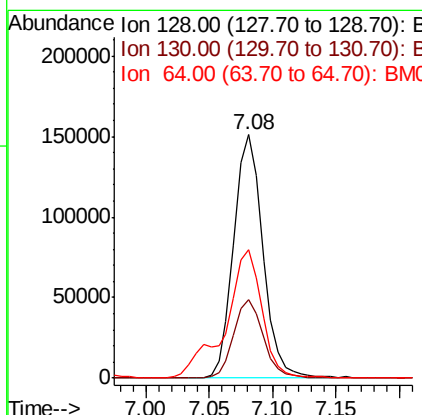
RT: 7.08 min Scan# 696

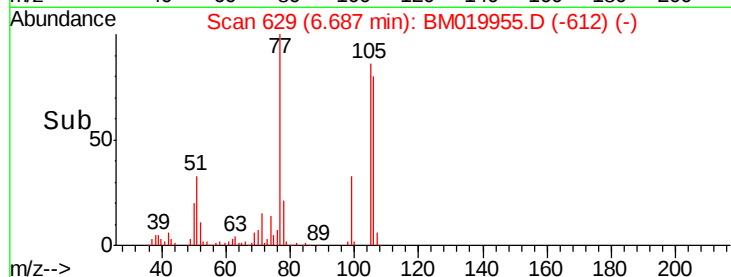
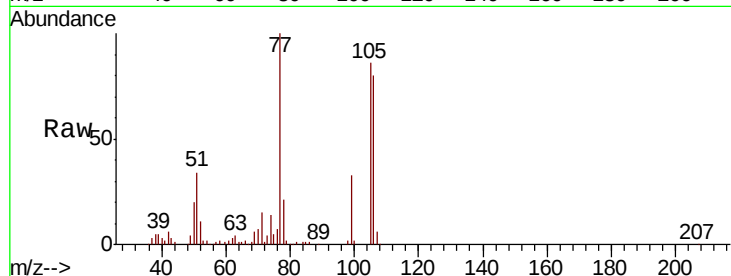
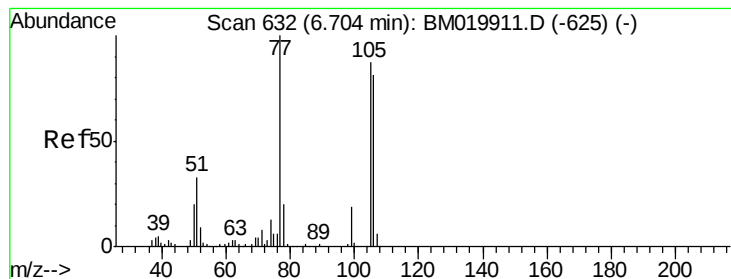
Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion	128	Resp	241854
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	52.9	33.0	73.0





#9

Benzaldehyde

Concen: 39.165 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tot Ion:	77	Resp:	181384
Ion Ratio	Lower	Upper	
77	100		
105	85.8	67.3	107.3
106	80.4	60.6	100.6

Instrument :

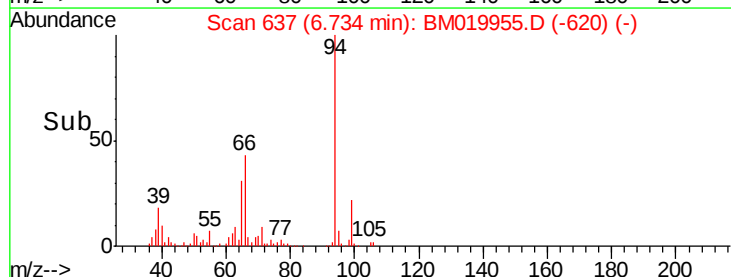
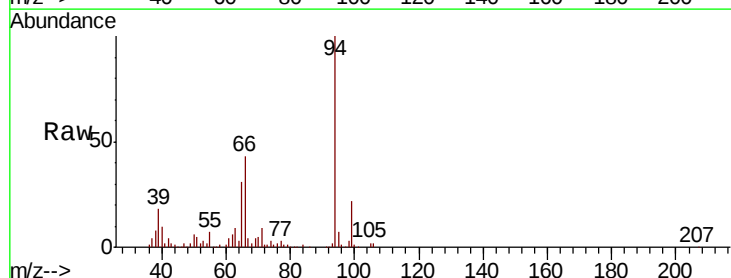
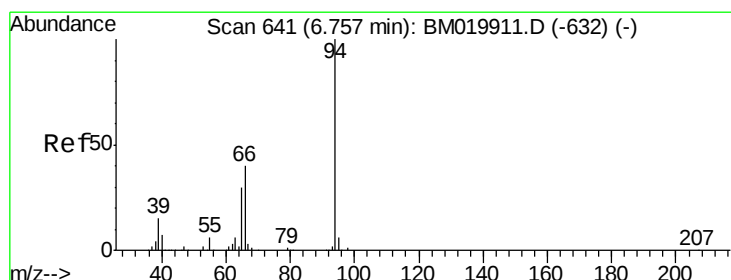
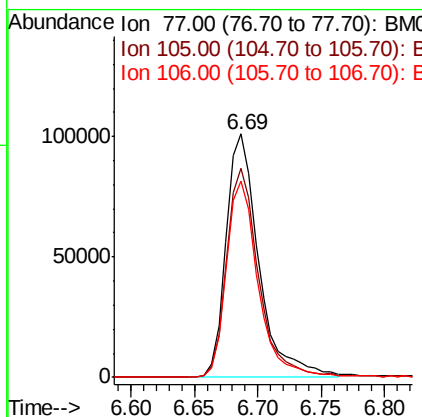
BNA_M

ClientSampled :

PB118968BS

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Sohil
4/22/2019 2:52:52 AM



#10

Phenol

Concen: 36.917 ng

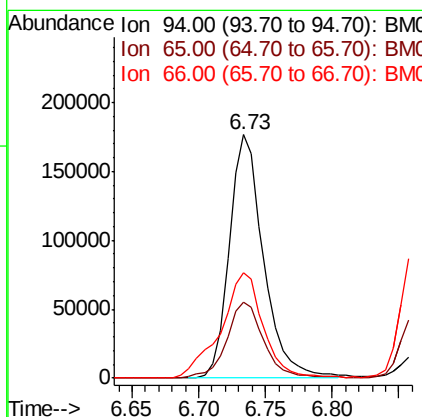
RT: 6.73 min Scan# 637

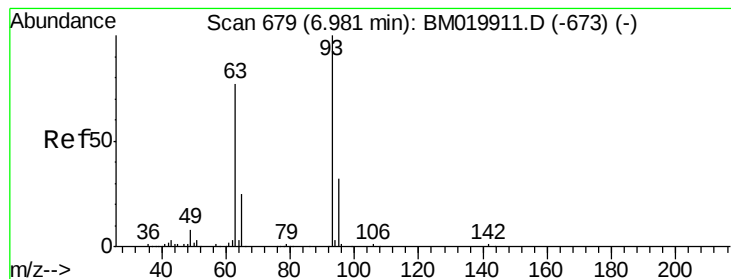
Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	94	Resp:	315049
Ion Ratio	Lower	Upper	
94	100		
65	31.3	10.0	50.0
66	43.3	20.2	60.2





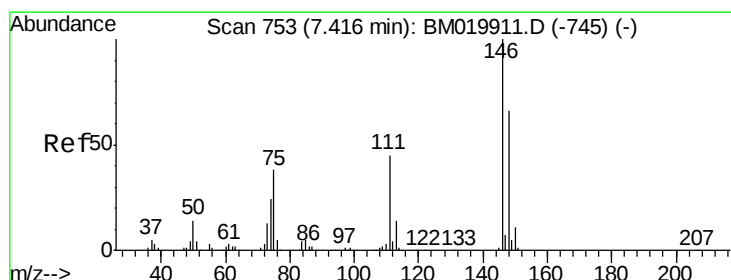
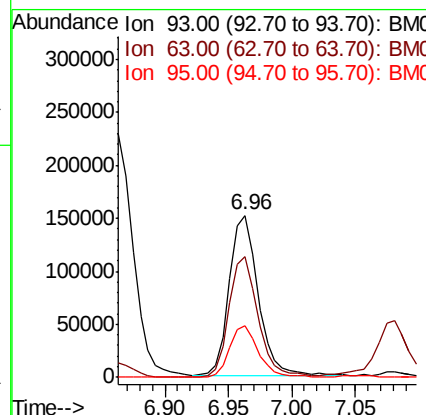
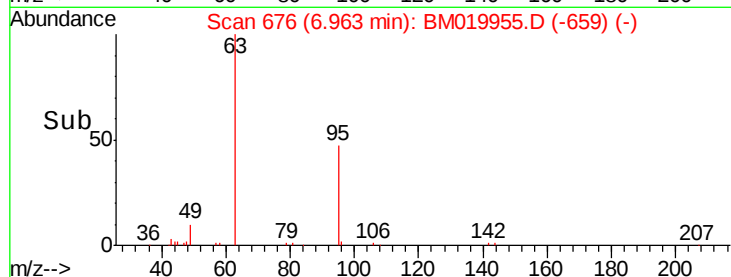
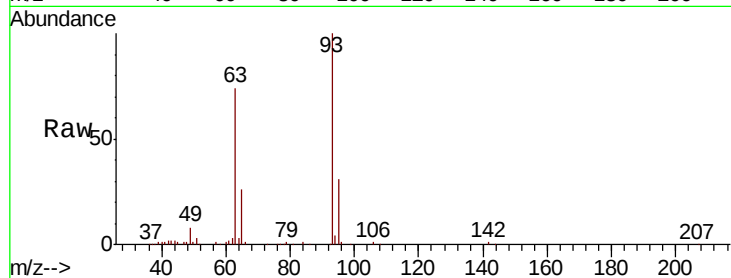
#11
bis(2-Chloroethyl)ether
Concen: 37.723 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	55.8	95.8
95	31.5	11.6	51.6

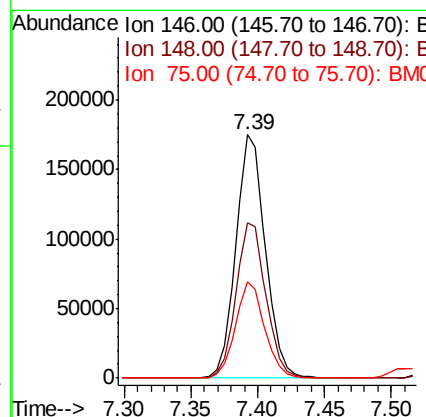
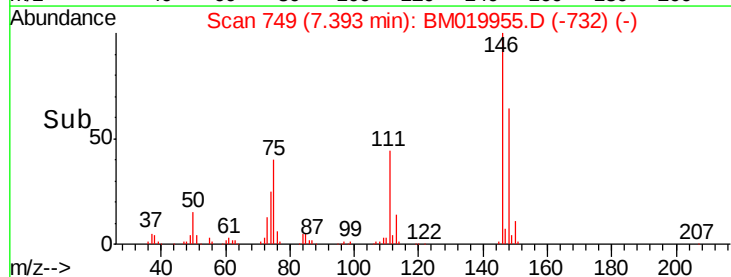
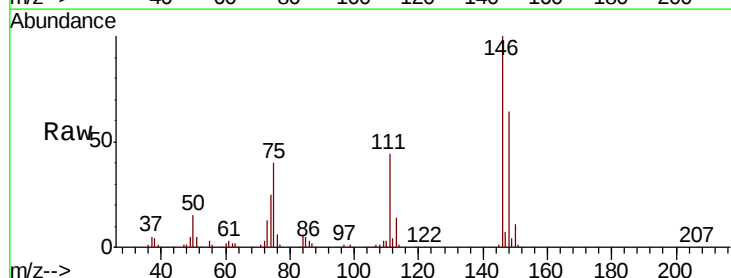
Manual Integrations
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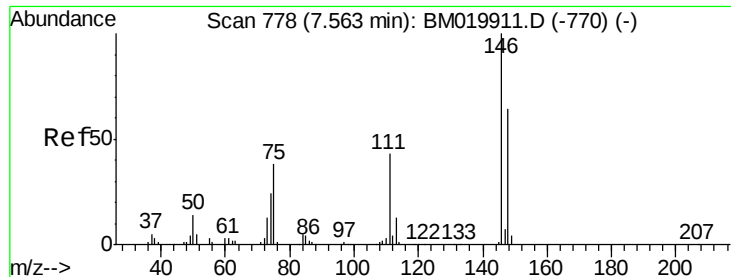
Sohil
4/22/2019 2:52:52 AM



#12
1,3-Dichlorobenzene
Concen: 39.835 ng
RT: 7.39 min Scan# 749
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	78.8
75	39.8	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 39.772 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

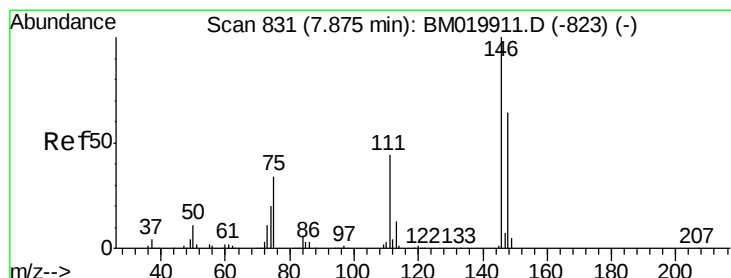
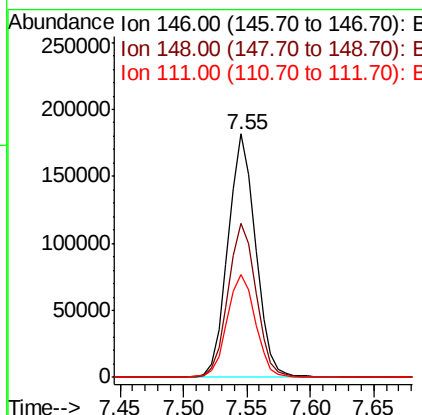
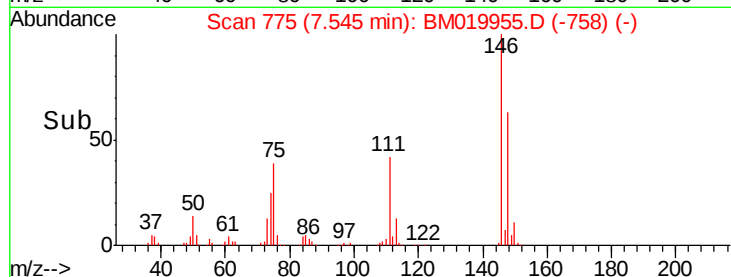
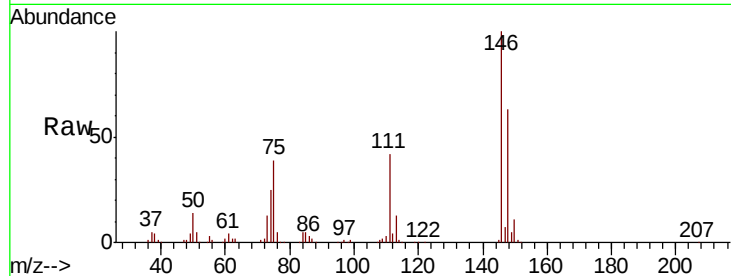
ClientSampleID :

PB118968BS

Tot Ion:	146	Resp:	273456
Ion Ratio		Lower	Upper
146	100		
148	63.1	51.1	76.7
111	42.1	34.6	51.8

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#14

1,2-Dichlorobenzene

Concen: 39.123 ng

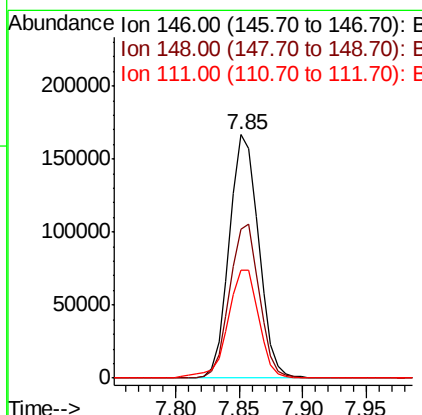
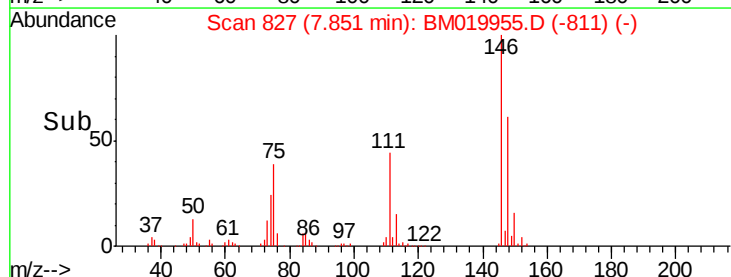
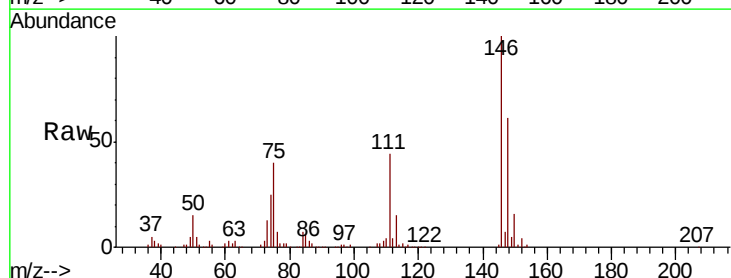
RT: 7.85 min Scan# 827

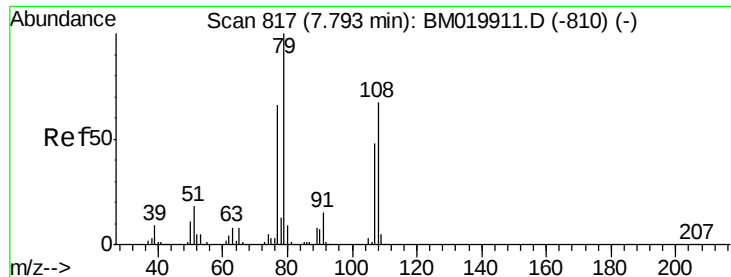
Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	146	Resp:	266721
Ion Ratio		Lower	Upper
146	100		
148	61.1	51.4	77.2
111	44.1	35.4	53.0





#15

Benzyl Alcohol

Concen: 35.431 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

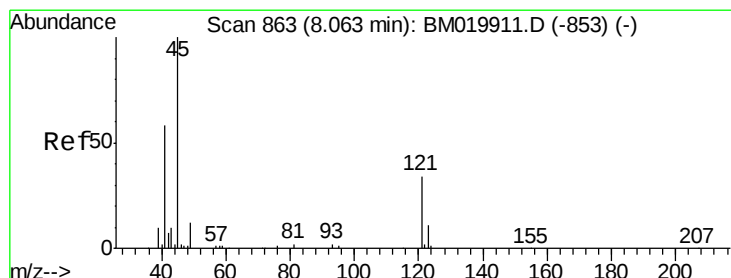
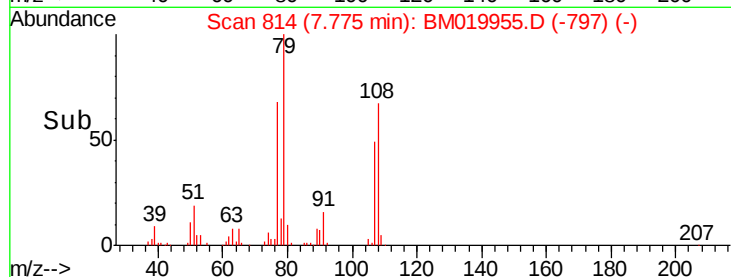
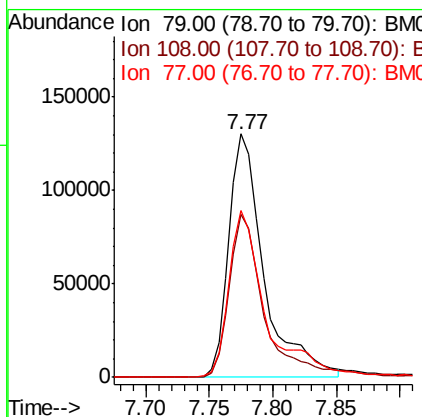
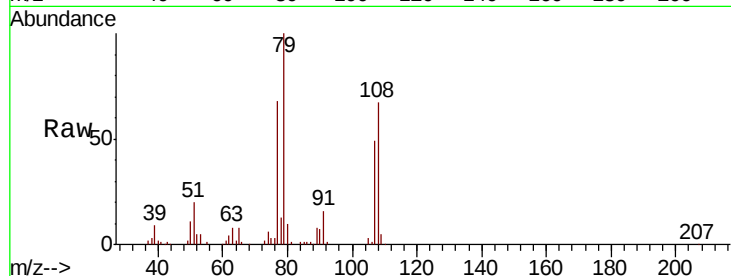
ClientSampleId :

PB118968BS

Tot Ion:	79	Resp:	251595
Ion Ratio	Lower	Upper	
79	100		
108	67.1	53.9	80.9
77	68.3	53.1	79.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.473 ng

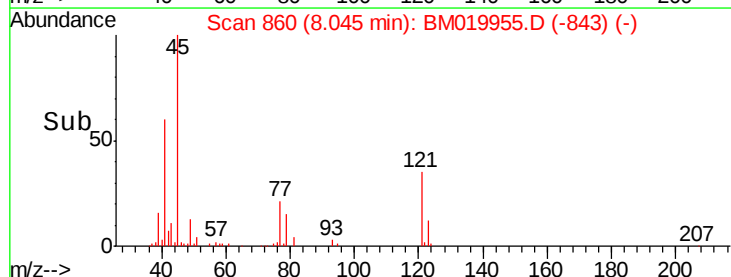
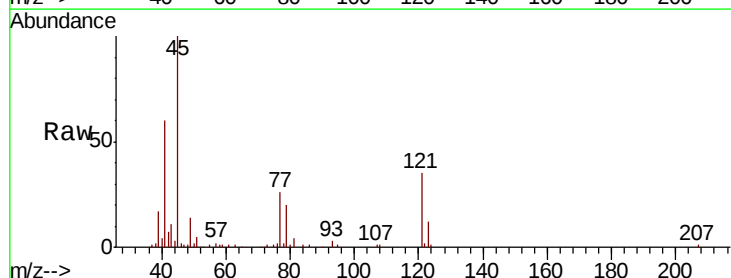
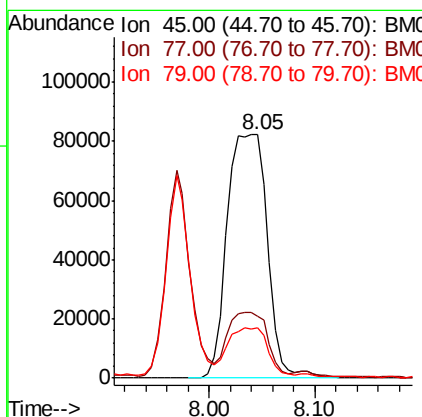
RT: 8.05 min Scan# 860

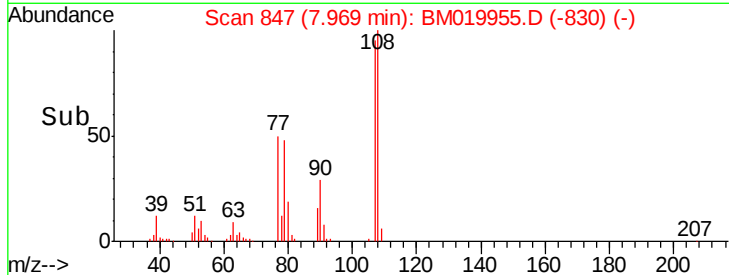
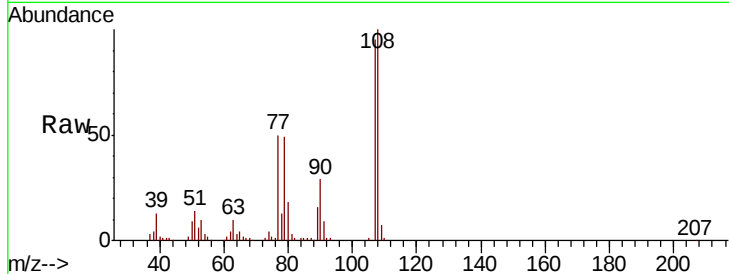
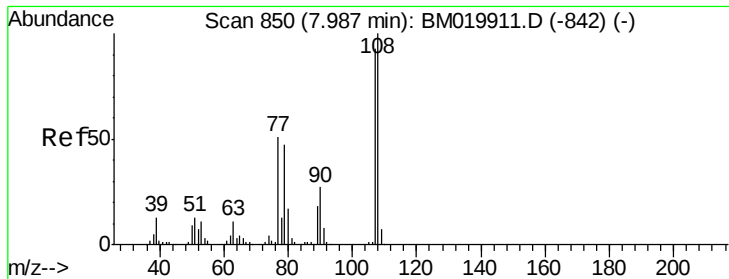
Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	45	Resp:	217092
Ion Ratio	Lower	Upper	
45	100		
77	25.7	7.2	47.2
79	20.4	1.2	41.2





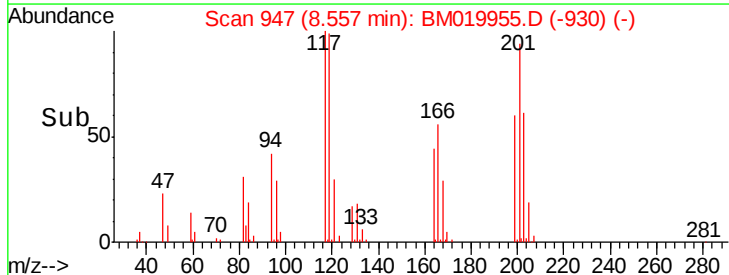
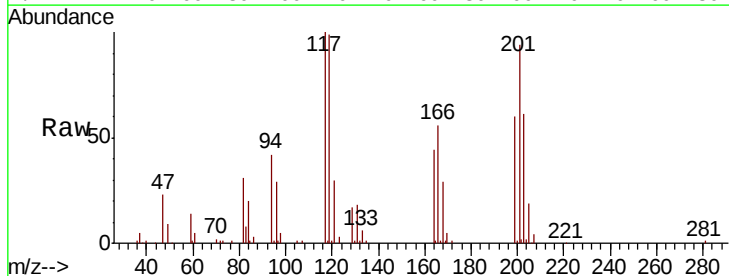
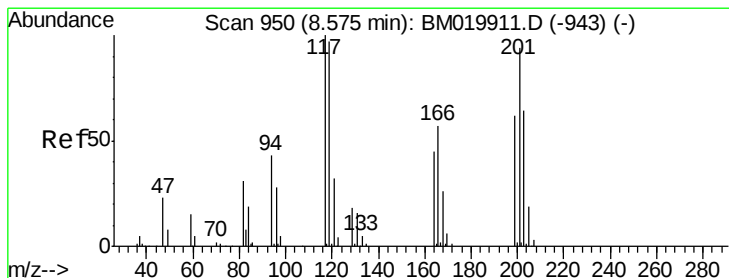
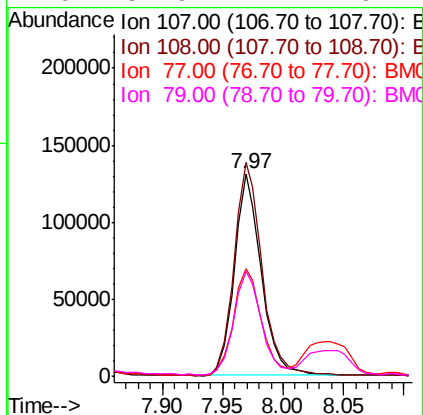
#17
2-Methylphenol
Concen: 35.956 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.5	85.9	128.9	
77	53.2	43.8	65.6	
79	51.9	41.1	61.7	

Instrument :
BNA_M
ClientSampleId :
PB118968BS

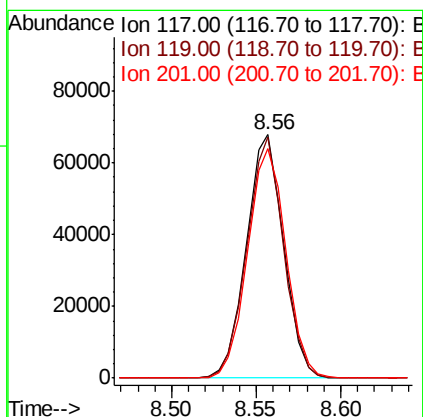
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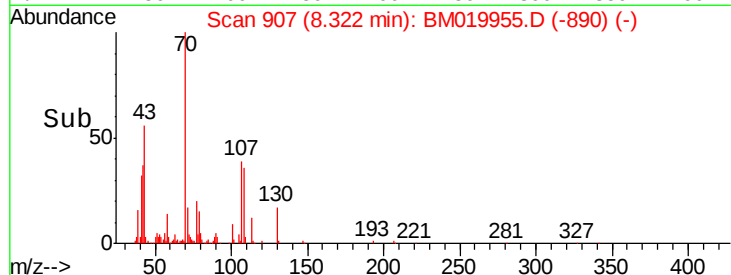
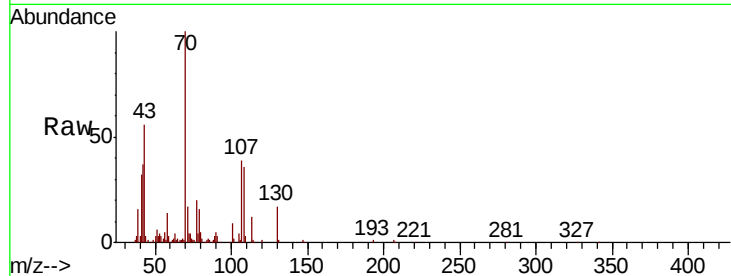
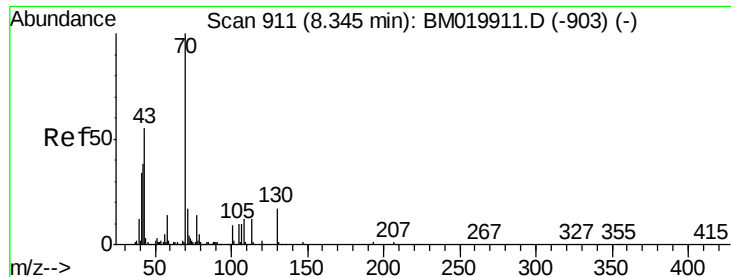
Sohil
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#18
Hexachloroethane
Concen: 38.987 ng
RT: 8.56 min Scan# 947
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	77.6	116.4	
201	94.2	75.4	113.2	





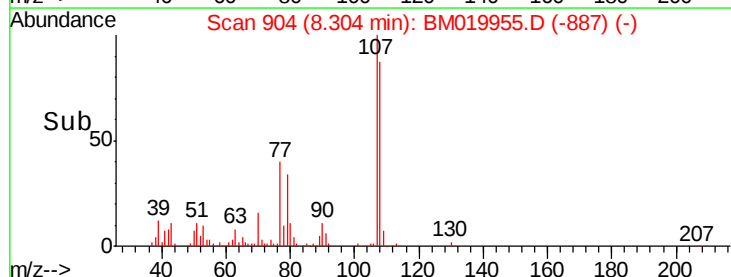
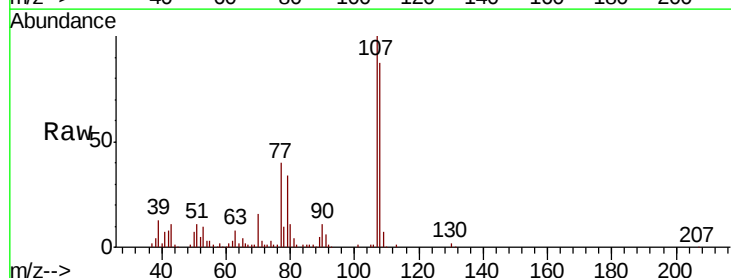
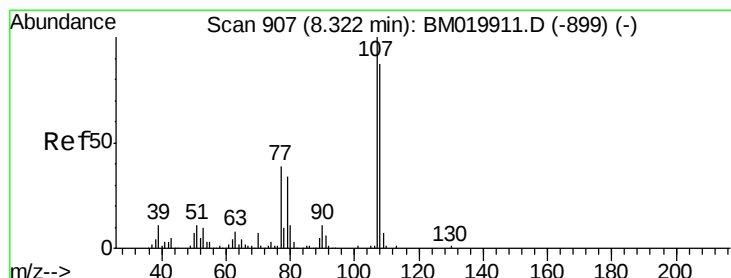
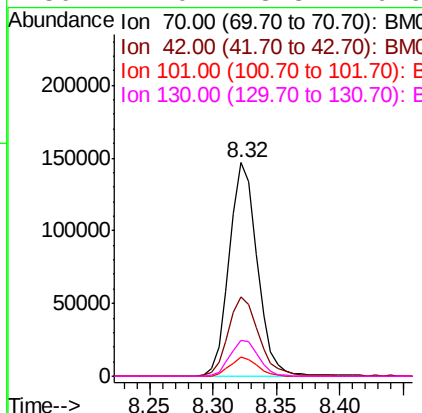
#19
n-Nitroso-di-n-propylamine
Concen: 32.762 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.4	30.3	45.5	
101	8.9	6.9	10.3	
130	17.0	13.8	20.6	

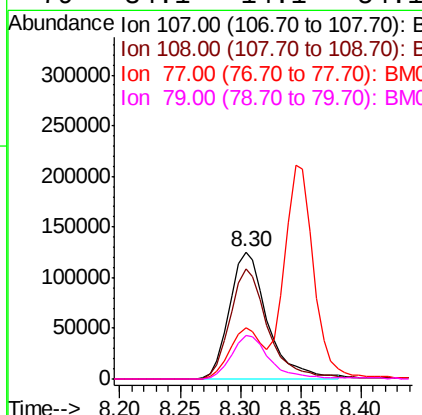
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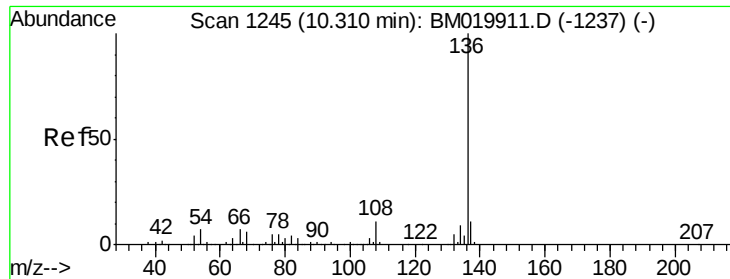
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#20
3+4-Methylphenols
Concen: 35.358 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	67.4	107.4	
77	40.0	19.7	59.7	
79	34.1	14.1	54.1	





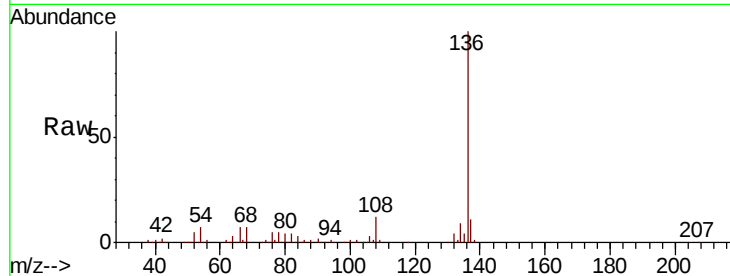
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	6.6	5.3	7.9	
68	6.8	5.2	7.8	

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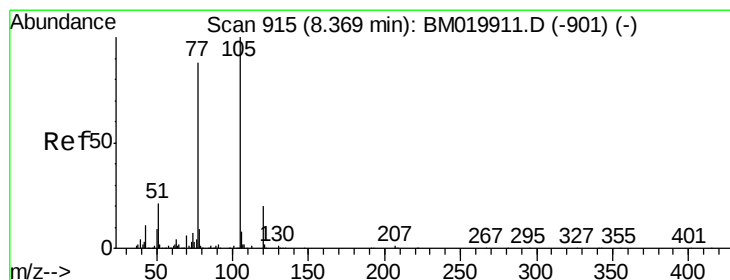
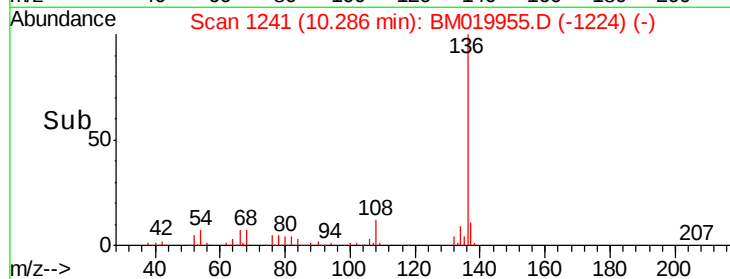
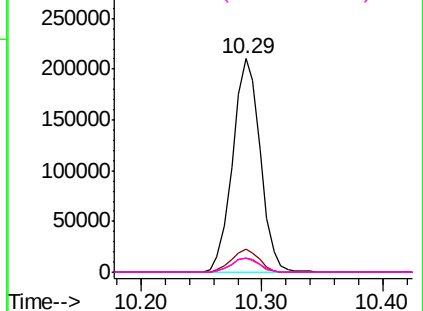
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 42.368 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	0.8	1.2#	
51	22.2	16.9	25.3	
120	21.8	16.4	24.6	

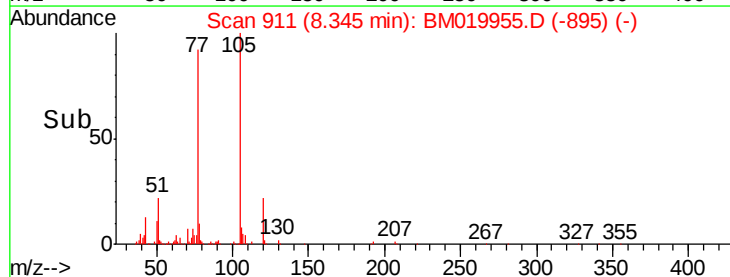
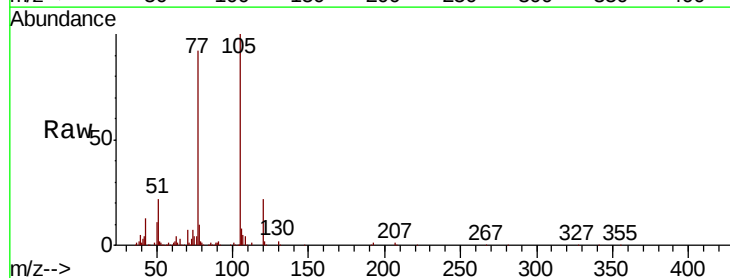
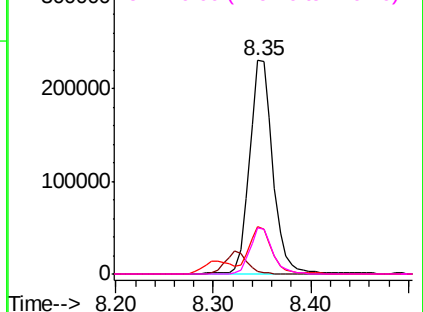
Abundance

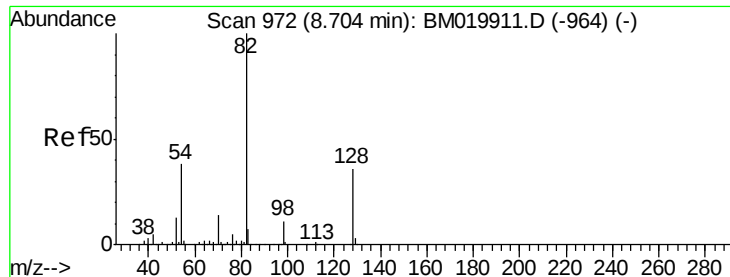
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





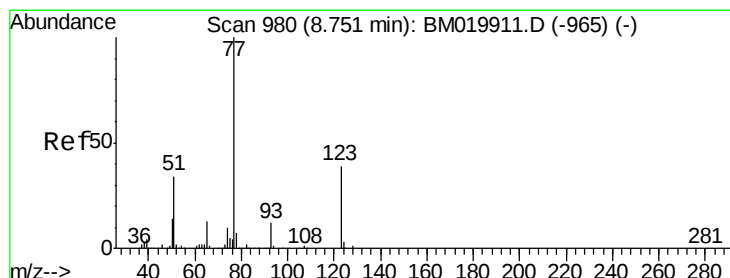
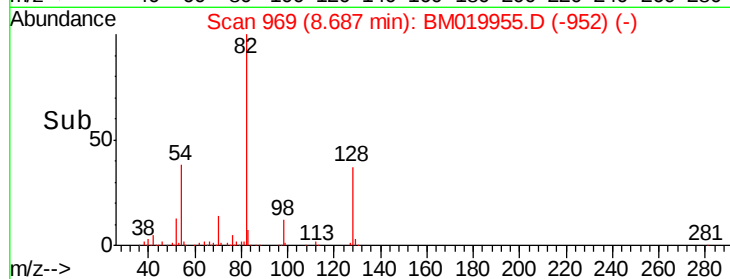
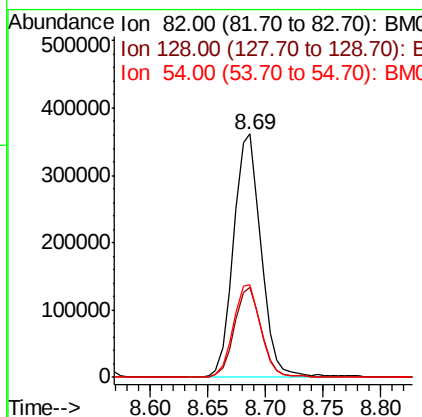
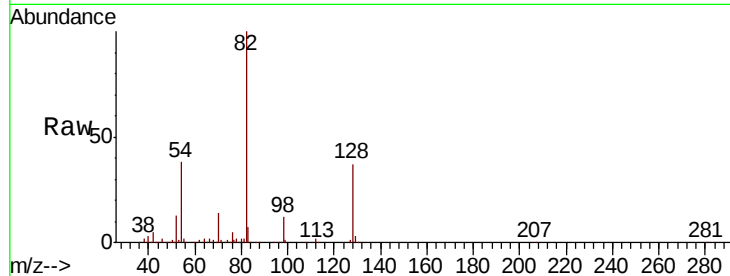
#23
 Nitrobenzene-d5
 Concen: 79.923 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion:	82	Resp:	599190
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.0	43.4
54	37.9	30.2	45.4

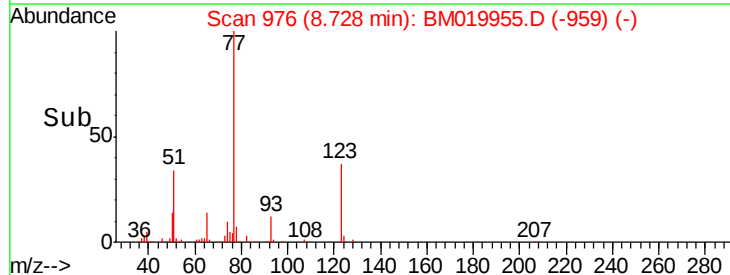
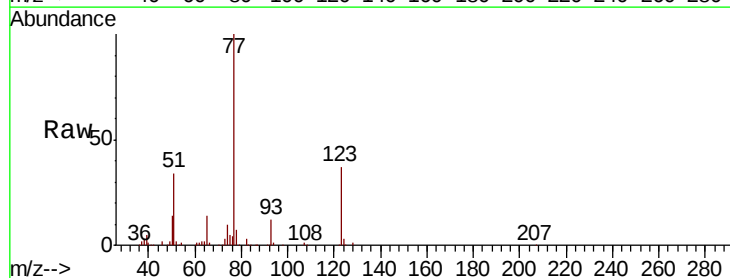
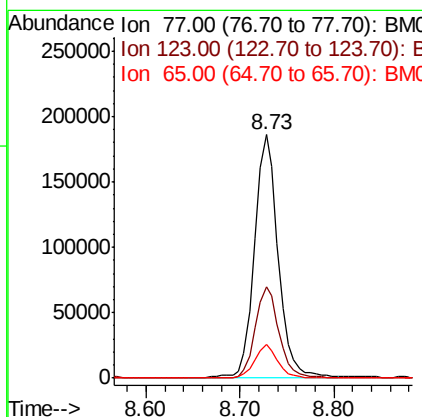
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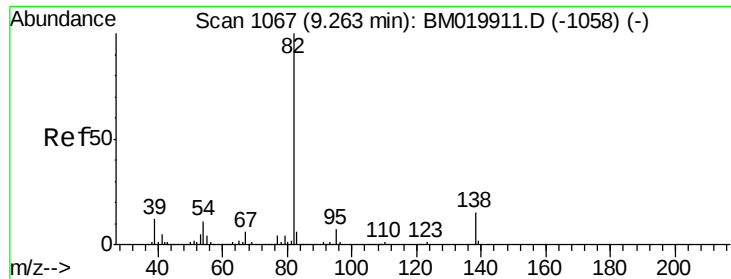
Sohil
 4/22/2019 2:52:52 AM



#24
 Nitrobenzene
 Concen: 42.009 ng
 RT: 8.73 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion:	77	Resp:	326263
Ion Ratio	Lower	Upper	
77	100		
123	37.4	31.0	46.4
65	13.8	10.6	16.0





#25

Isophorone

Concen: 37.859 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

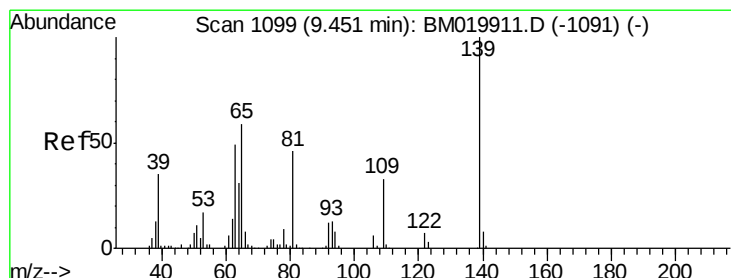
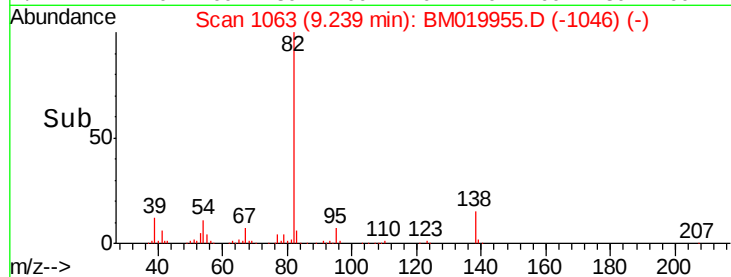
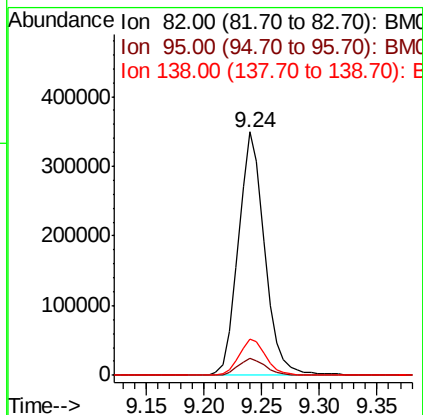
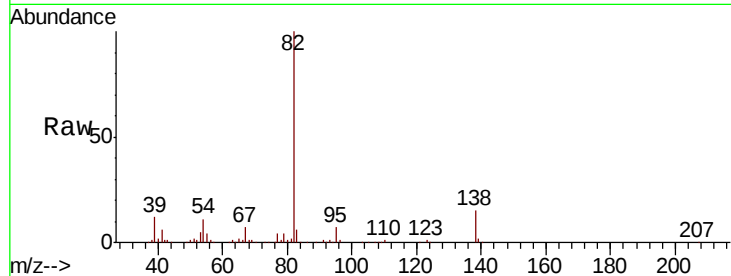
ClientSampleId :

PB118968BS

Tot Ion	82	Resp	552513
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	14.8	12.2	18.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.571 ng

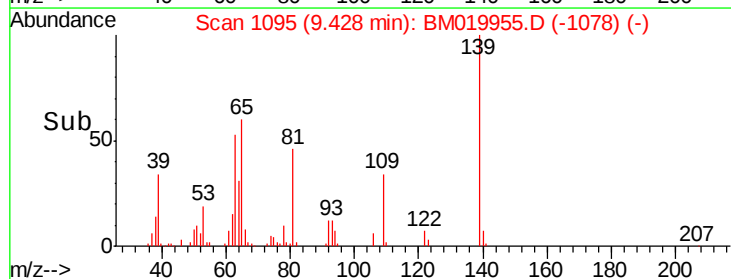
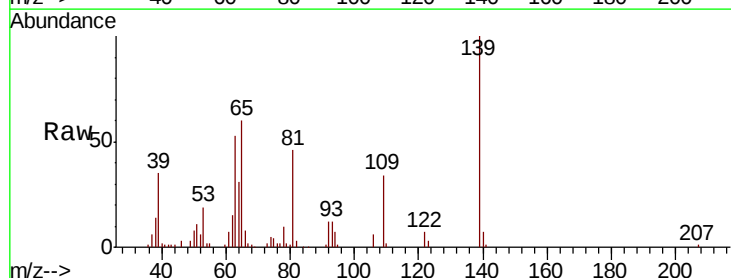
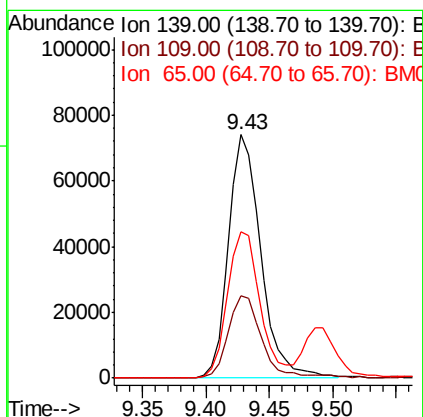
RT: 9.43 min Scan# 1095

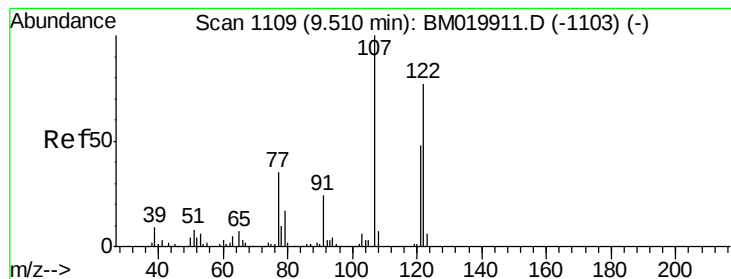
Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion	139	Resp	130965
Ion Ratio	Lower	Upper	
139	100		
109	33.9	26.3	39.5
65	60.2	47.4	71.2





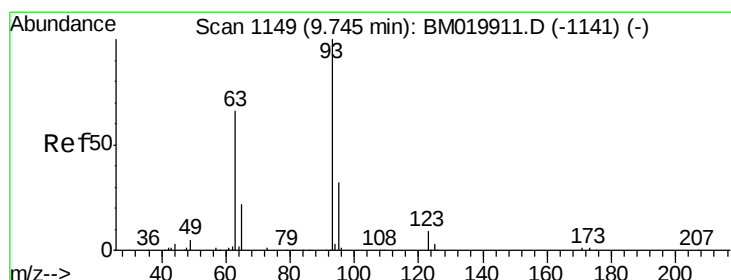
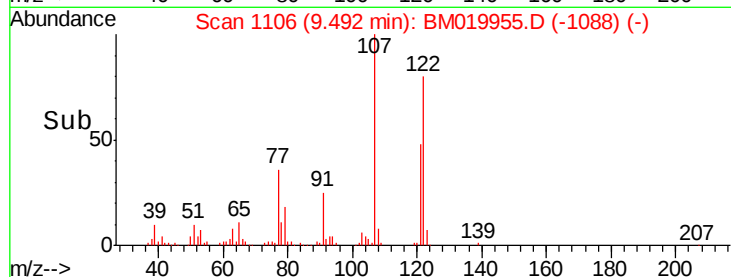
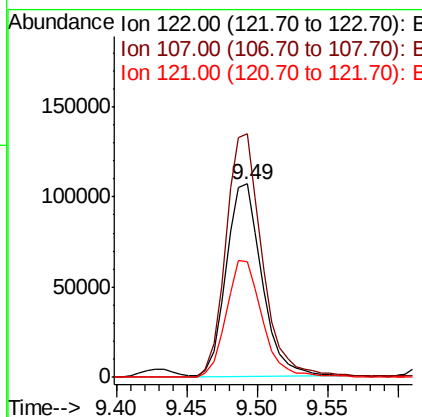
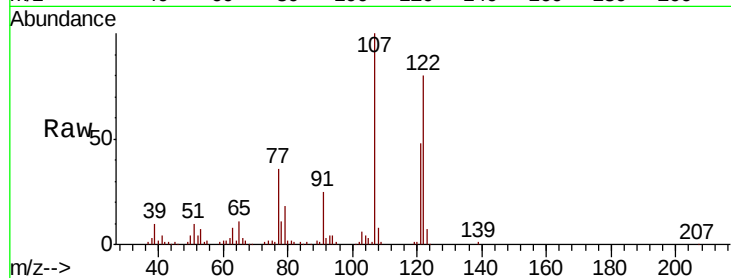
#27
2,4-Dimethylphenol
Concen: 40.066 ng
RT: 9.49 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.7	103.1	154.7
121	59.8	49.8	74.8

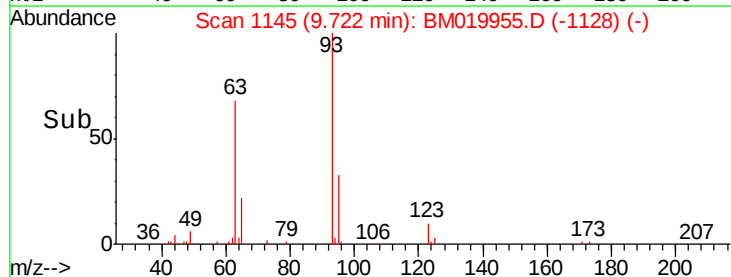
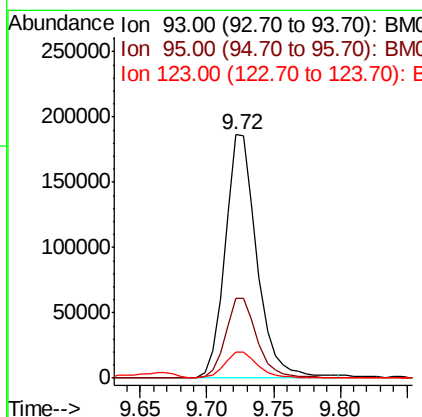
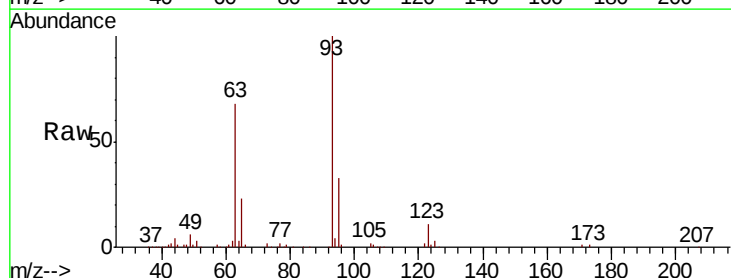
Manual Integrations
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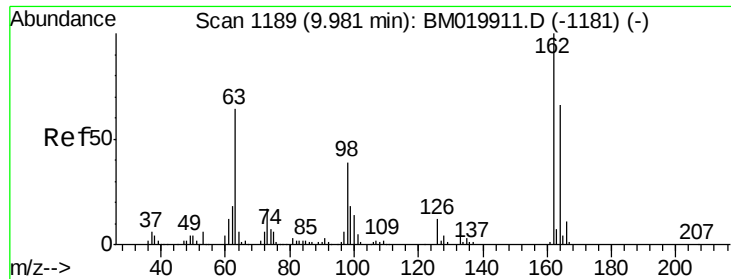
Sohil
4/22/2019 2:52:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.140 ng
RT: 9.72 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.5	8.2	12.2





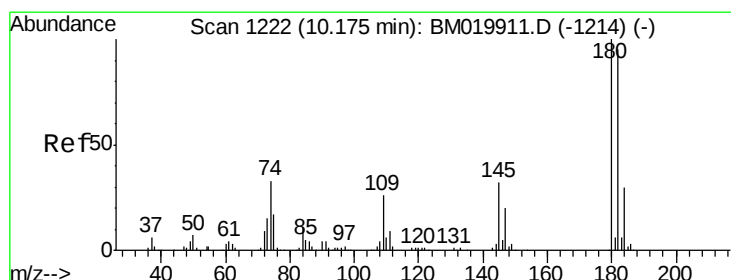
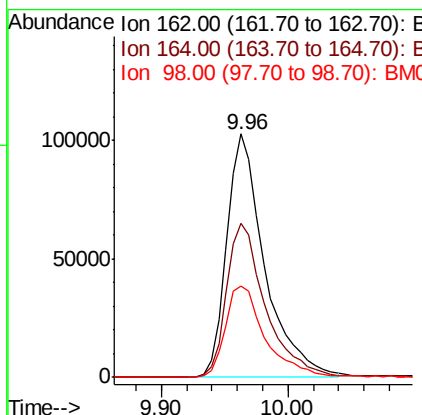
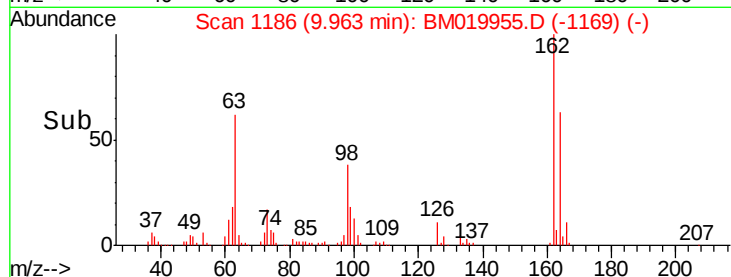
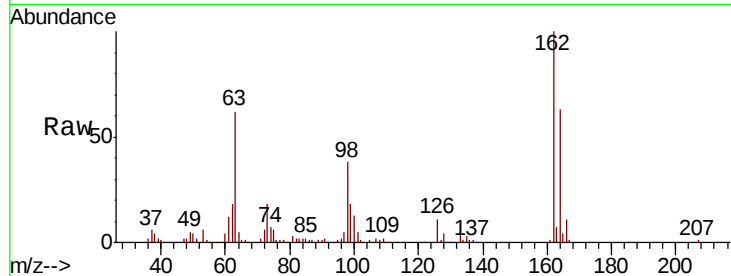
#29
2,4-Dichlorophenol
Concen: 40.147 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB118968BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	213369		
164	63.2	46.3	86.3	
98	37.6	19.2	59.2	

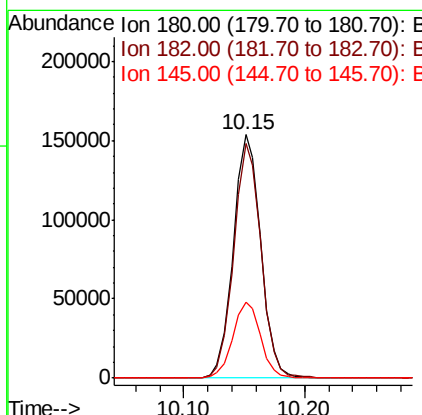
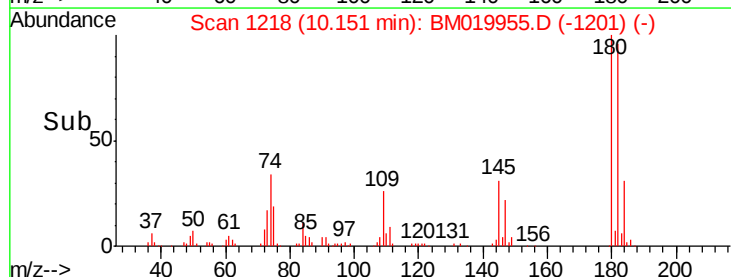
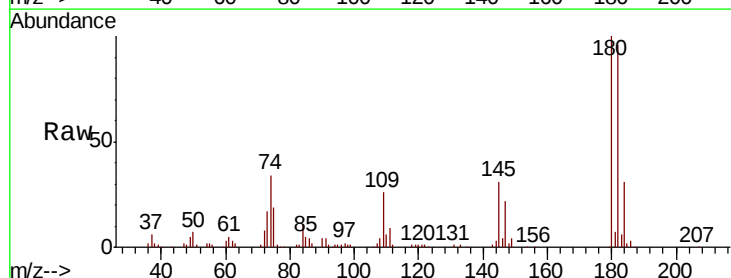
Manual Integrations
APPROVED

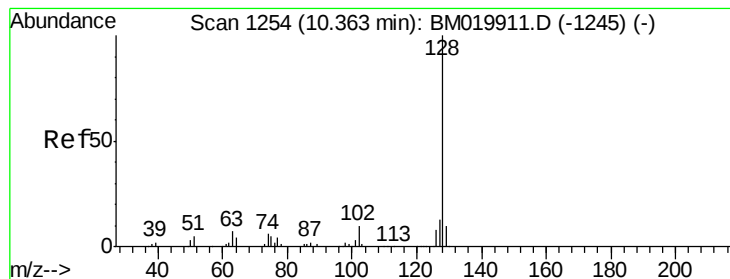
Sohil
4/22/2019 2:52:52 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.699 ng
RT: 10.15 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244251		
182	96.3	76.3	114.5	
145	30.9	25.5	38.3	





#31

Naphthalene

Concen: 41.648 ng

RT: 10.34 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

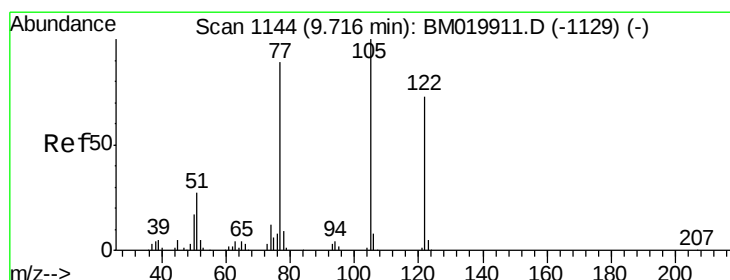
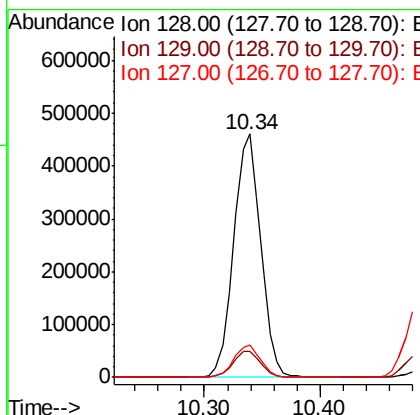
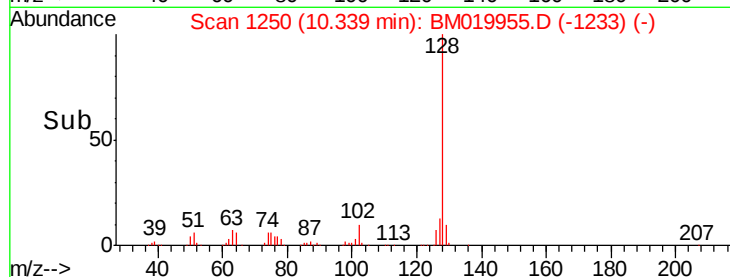
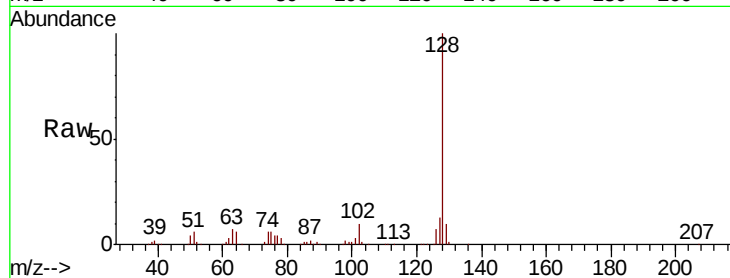
ClientSampleId :

PB118968BS

Tot Ion:	128	Resp:	748979
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.3	12.5
127	13.5	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 33.808 ng

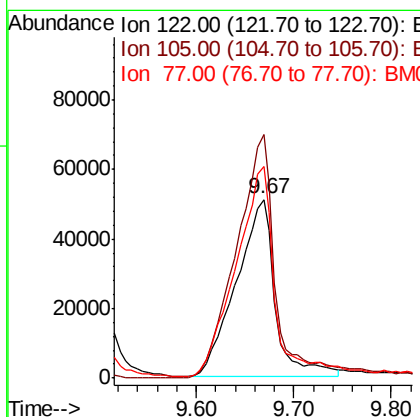
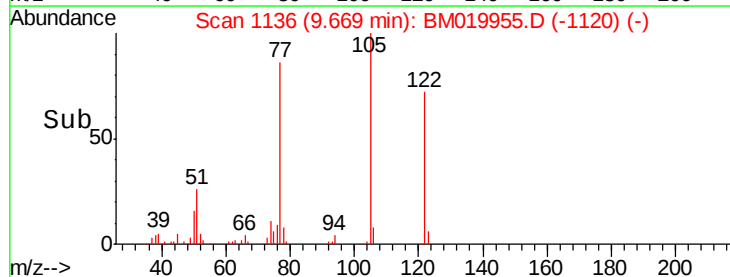
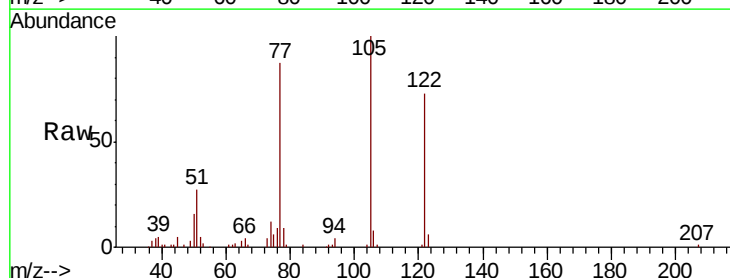
RT: 9.67 min Scan# 1136

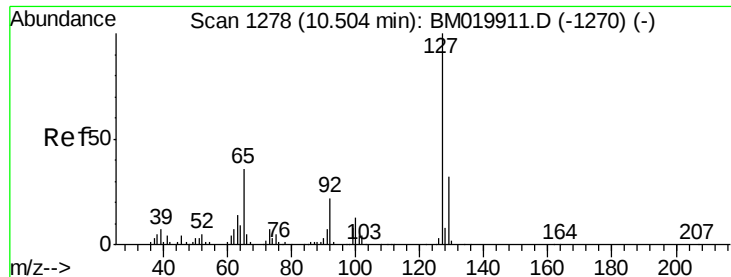
Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	122	Resp:	141637
Ion Ratio	Lower	Upper	
122	100		
105	136.5	114.8	154.8
77	118.8	100.2	140.2





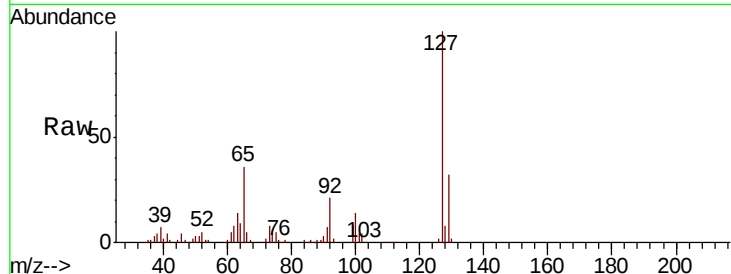
#33
4-Chloroaniline
Concen: 38.777 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		287278		
129	32.4	25.4	38.0		
65	36.4	29.2	43.8		
92	21.5	17.5	26.3		

Manual Integrations
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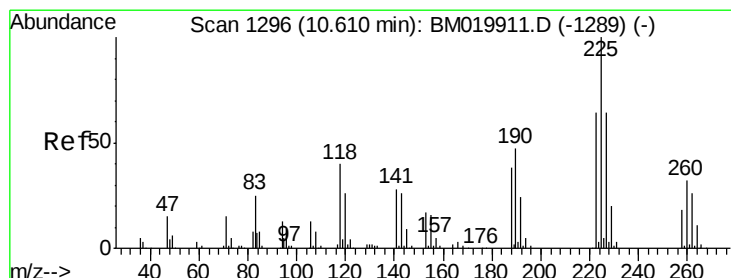
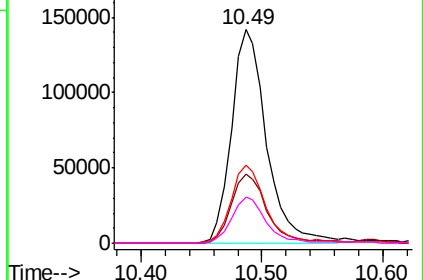
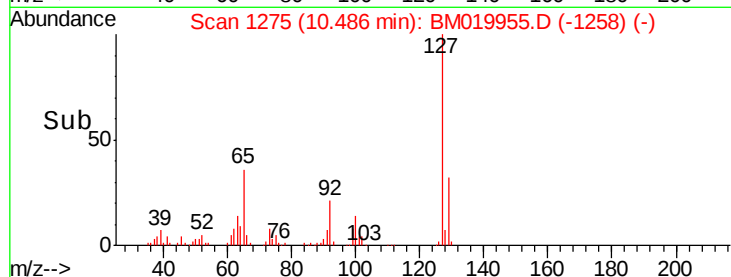
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

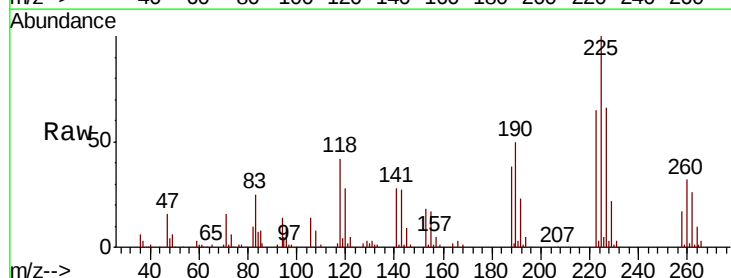
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 40.916 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		138038		
223	64.9	51.4	77.2		
227	65.9	51.0	76.6		

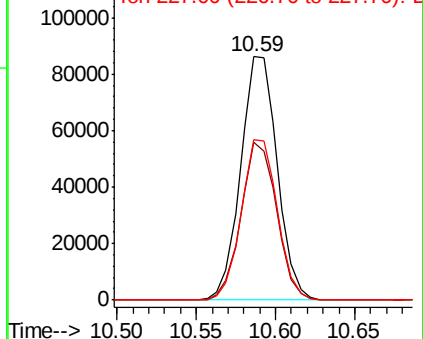
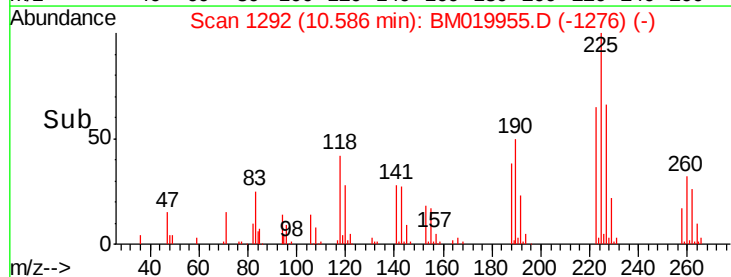


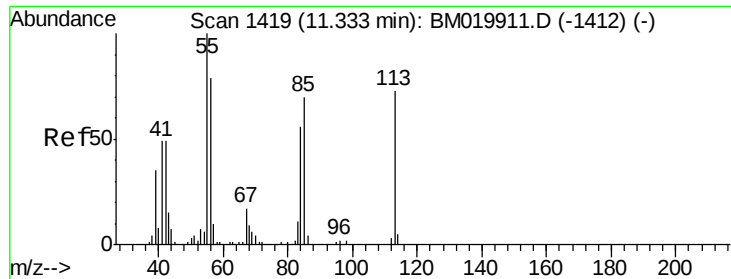
Abundance

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





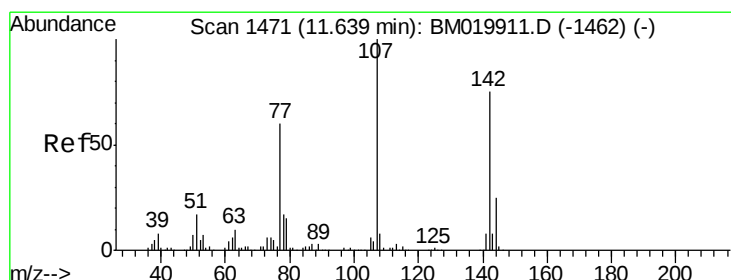
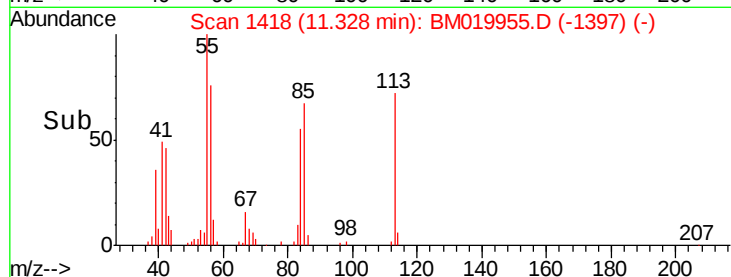
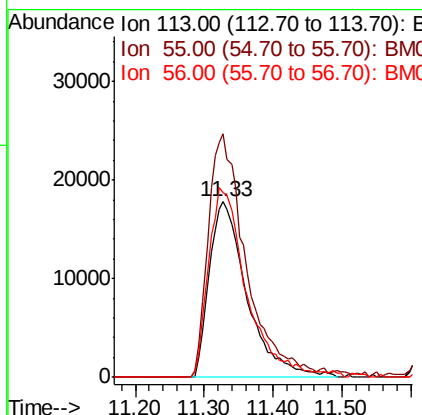
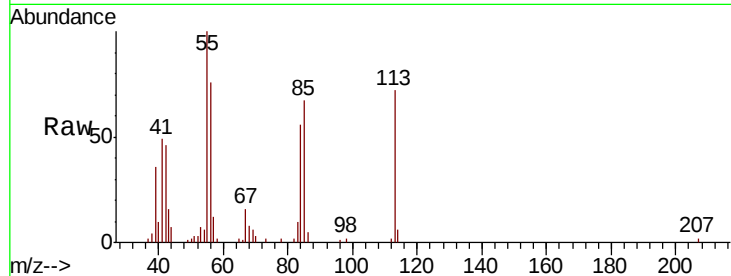
#35
Caprolactam
Concen: 33.730 ng/ml
RT: 11.33 min Scan# 1418
Delta R.T. 0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.8	117.1	157.1
56	105.4	88.2	128.2

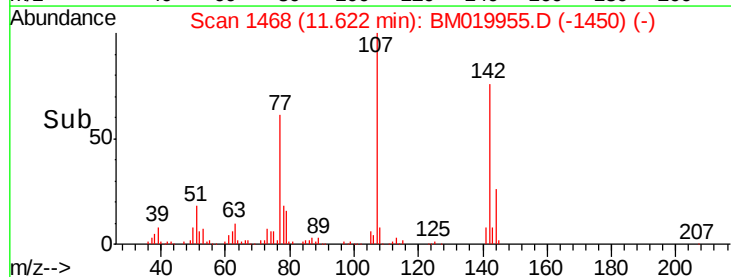
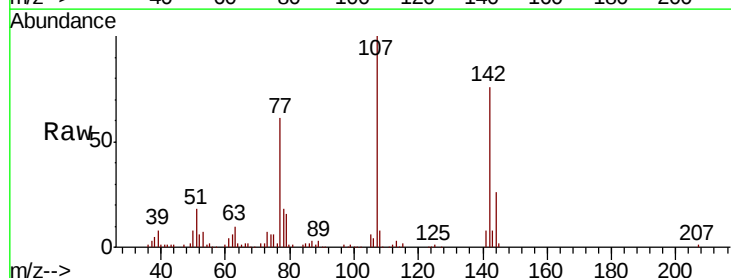
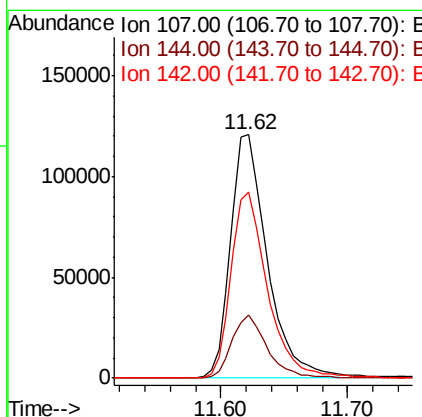
Manual Integrations
APPROVED

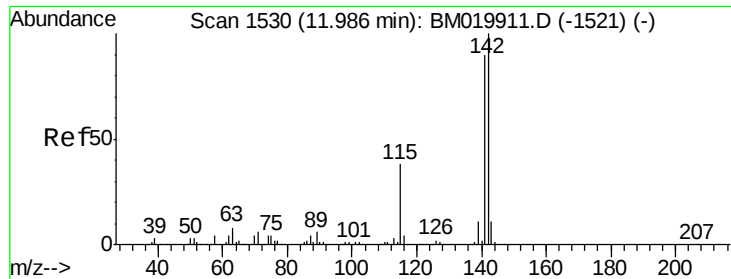
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 36.621 ng/ml
RT: 11.62 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.8	29.8
142	76.5	60.3	90.5





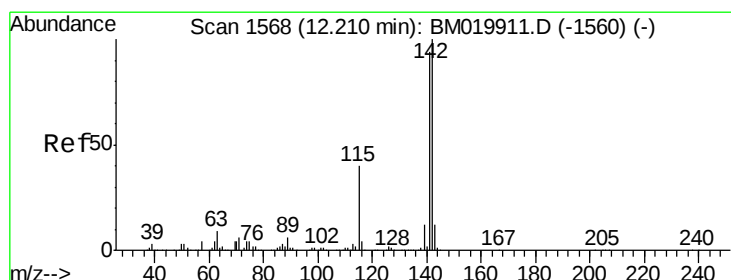
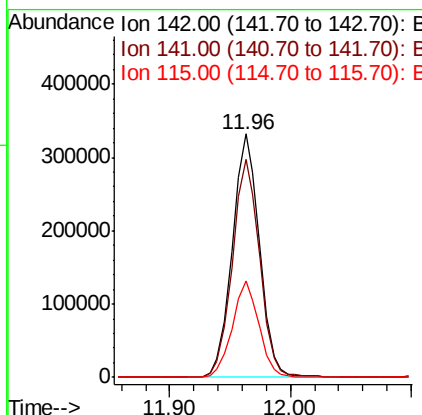
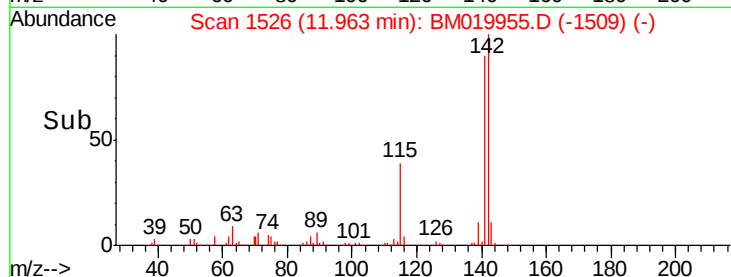
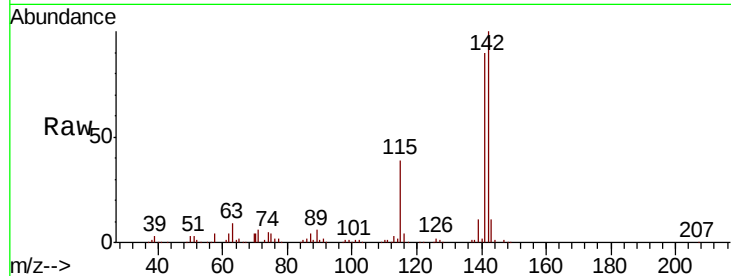
#37
 2-Methylnaphthalene
 Concen: 39.740 ng
 RT: 11.96 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	39.4	30.5	45.7

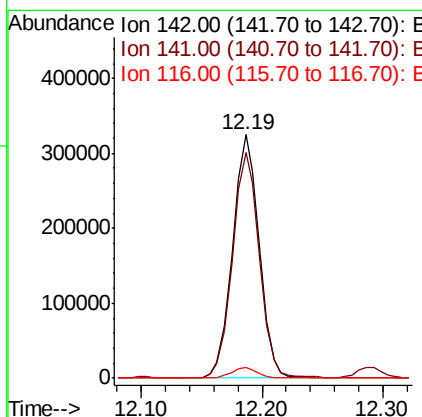
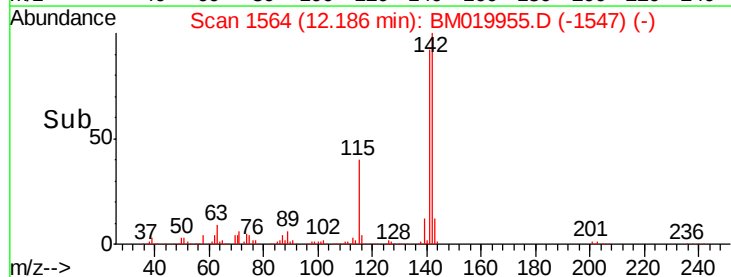
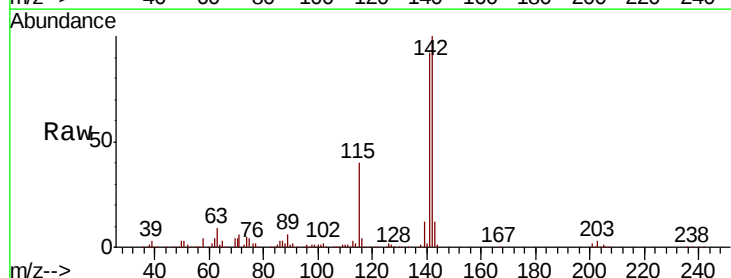
Manual Integrations
 APPROVED

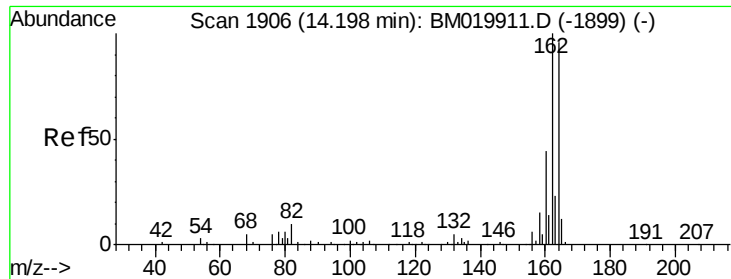
Sohil
 4/22/2019 2:52:52 AM



#38
 1-Methylnaphthalene
 Concen: 38.496 ng
 RT: 12.19 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.7	113.5
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

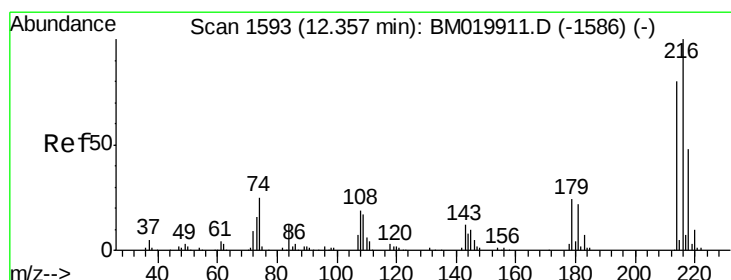
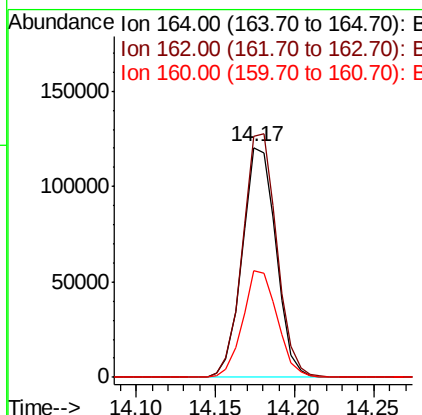
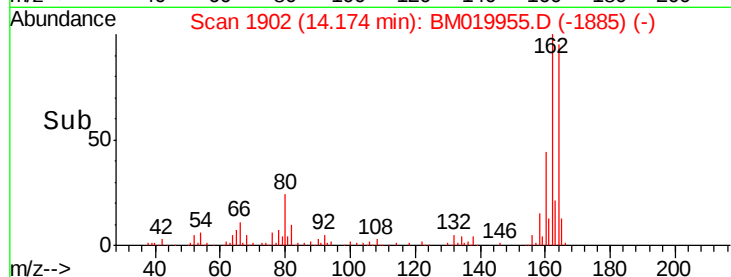
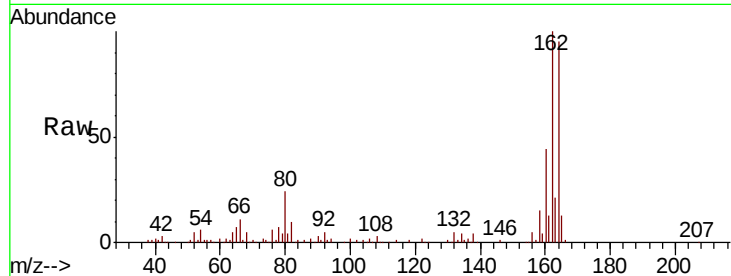
ClientSampleId :

PB118968BS

Tot Ion:	164	Resp:	177872
Ion Ratio	Lower	Upper	
164	100		
162	104.8	83.0	124.4
160	46.6	36.6	55.0

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.431 ng

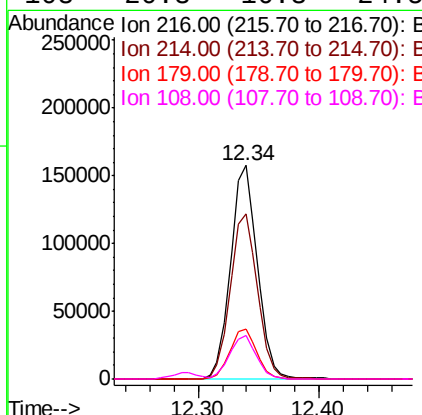
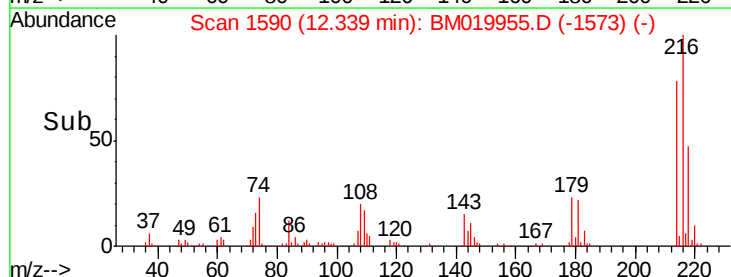
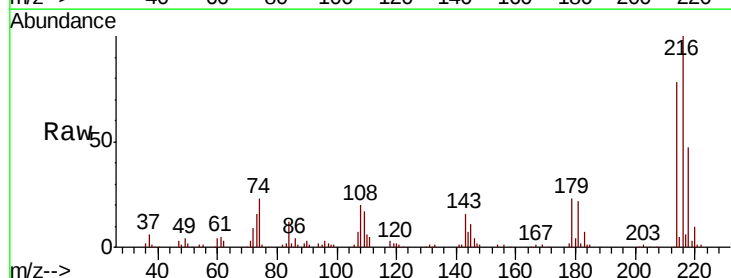
RT: 12.34 min Scan# 1590

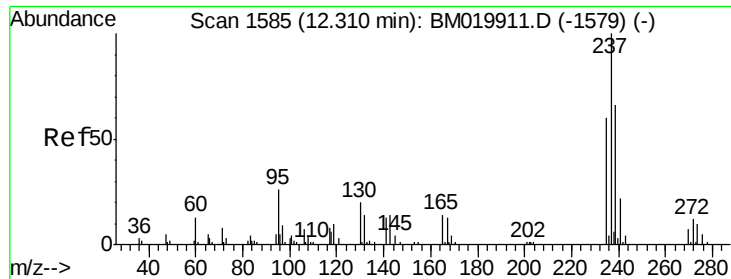
Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	216	Resp:	243805
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.1	94.7
179	23.6	19.0	28.6
108	20.3	16.3	24.5





#41

Hexachlorocyclopentadiene

Concen: 79.553 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

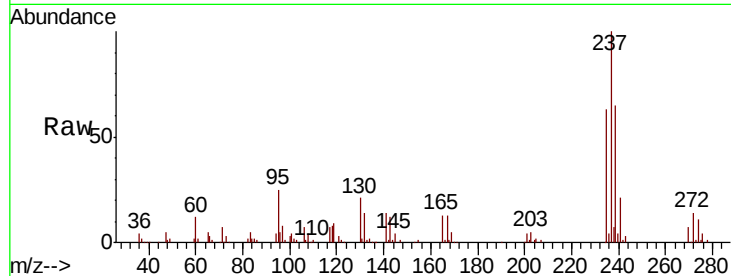
ClientSampled :

PB118968BS

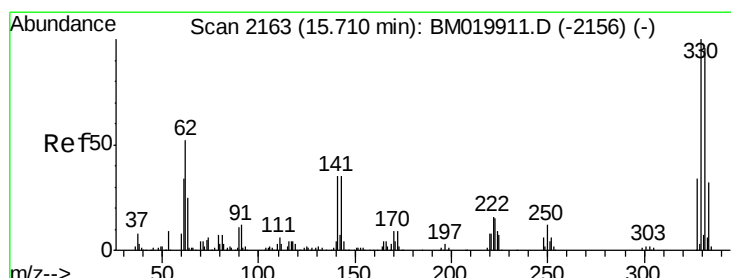
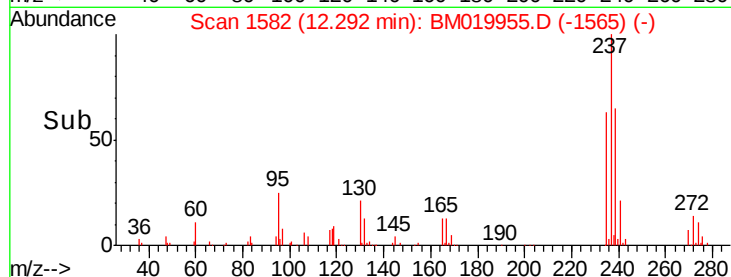
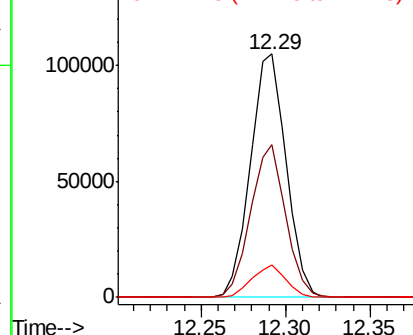
Tot Ion	Ratio	Resp	Lower	Upper
237	100	154401		
235	62.8	40.4	80.4	
272	13.5	0.0	32.3	

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



#42

2,4,6-Tribromophenol

Concen: 74.604 ng

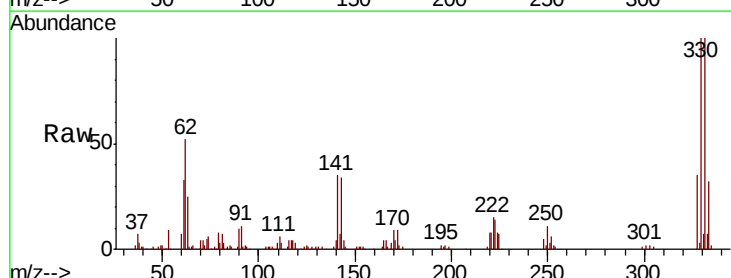
RT: 15.69 min Scan# 2160

Delta R.T. -0.00 min

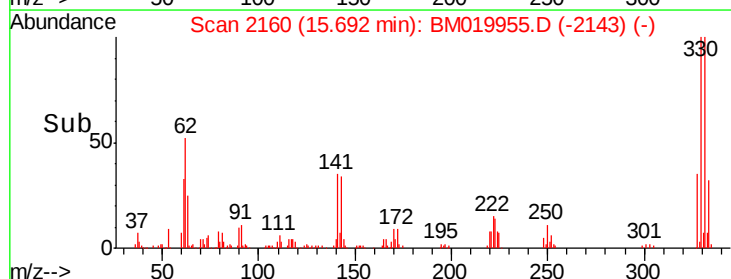
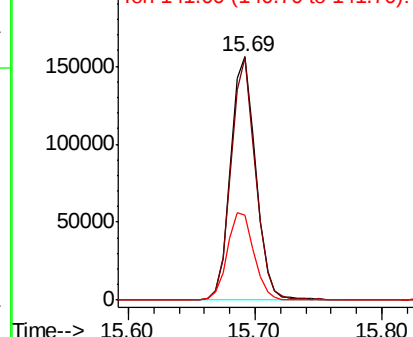
Lab File: BM019955.D

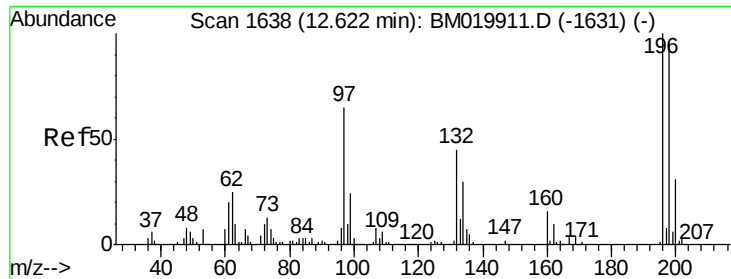
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	213611		
332	96.9	77.4	116.2	
141	38.1	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





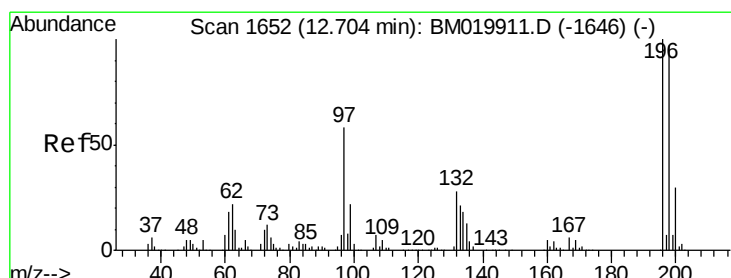
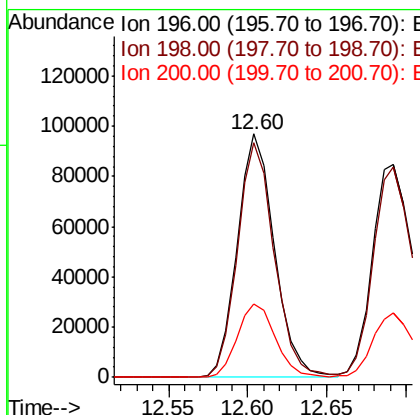
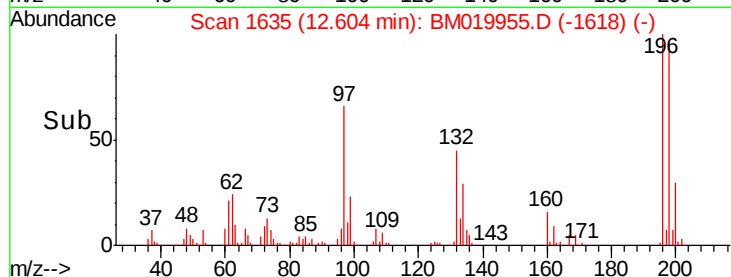
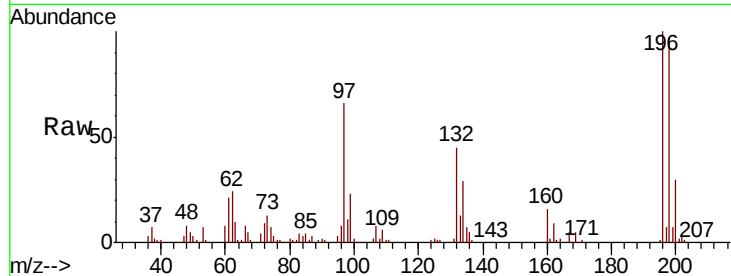
#43
 2,4,6-Trichlorophenol
 Concen: 42.391 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157702		
198	96.6	76.8	115.2	
200	29.9	24.6	37.0	

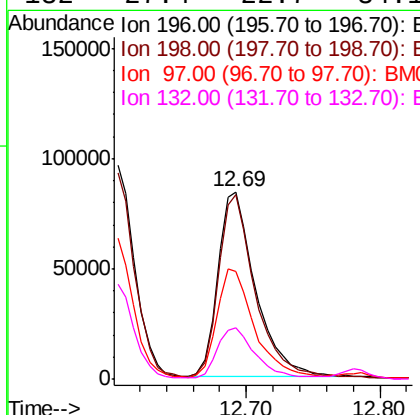
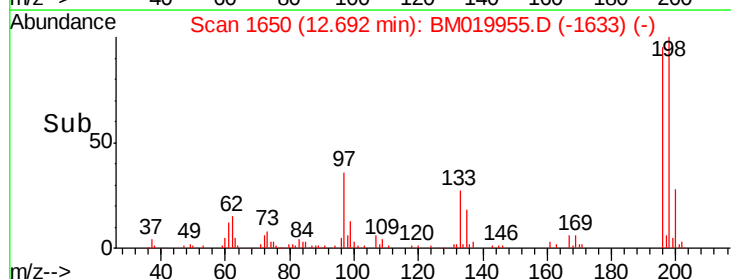
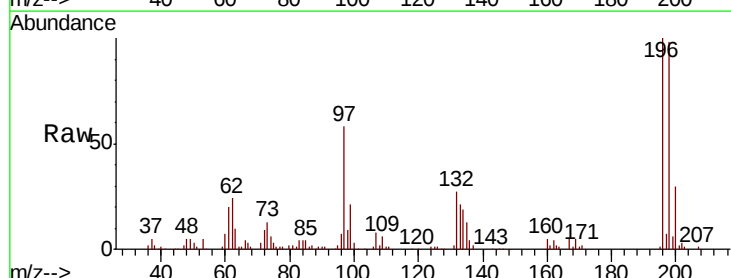
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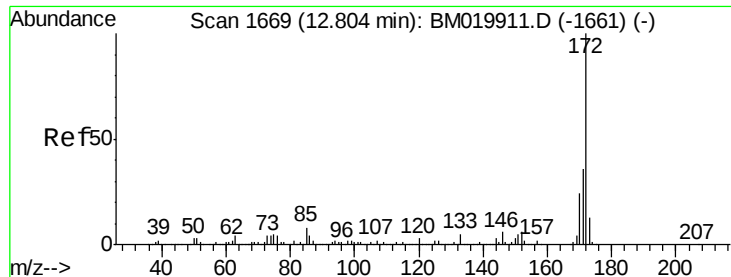
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.327 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163889		
198	98.4	77.8	116.8	
97	57.8	46.2	69.2	
132	27.4	22.7	34.1	





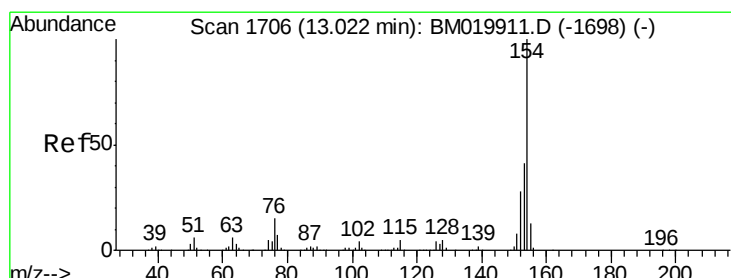
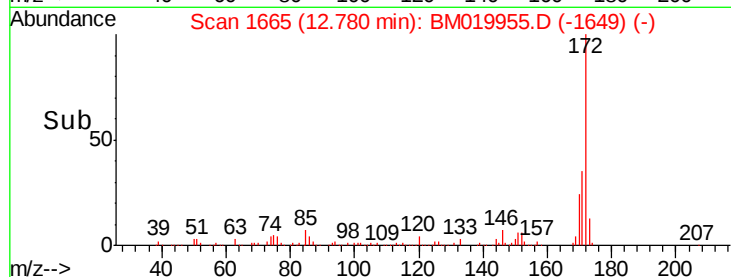
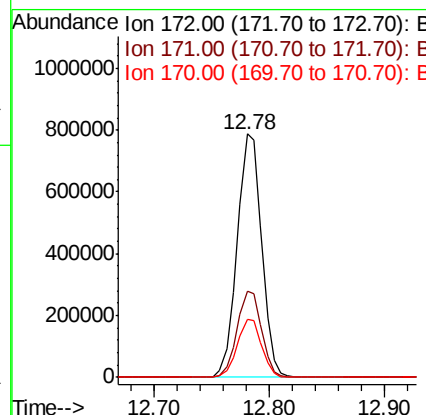
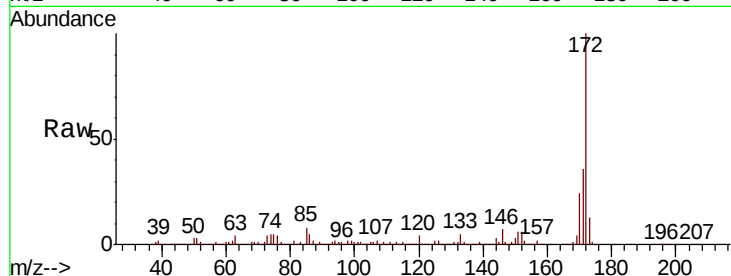
#45
 2-Fluorobiphenyl
 Concen: 80.899 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion:	172	Resp:	1154656
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.7	19.0	28.4

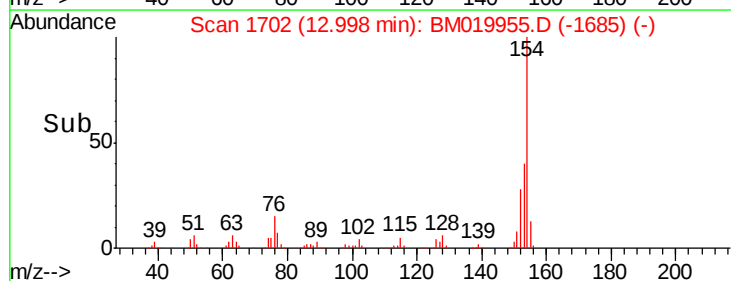
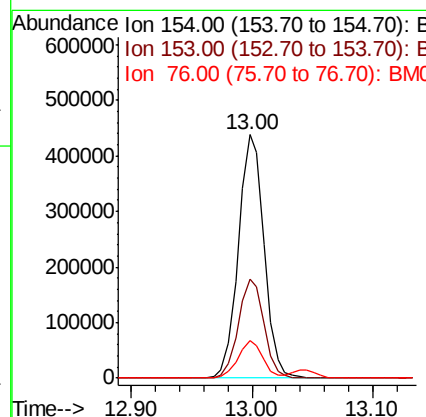
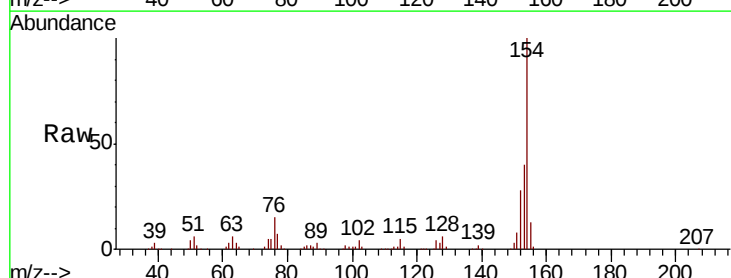
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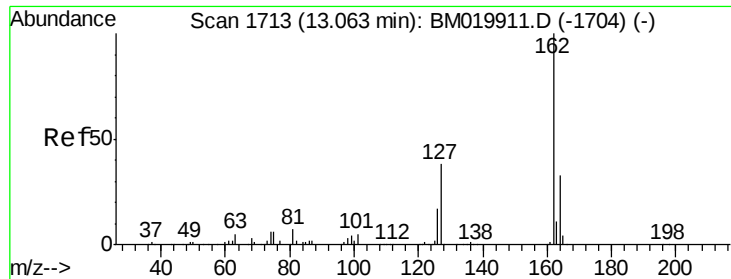
Sohil
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#46
 1,1'-Biphenyl
 Concen: 42.153 ng
 RT: 13.00 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion:	154	Resp:	649407
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.0	61.0
76	15.2	0.0	34.8





#47

2-Chloronaphthalene

Concen: 43.366 ng

RT: 13.05 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

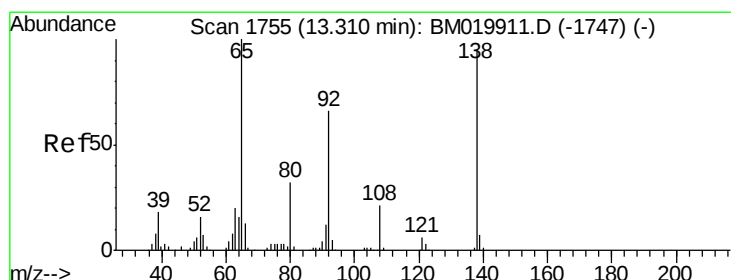
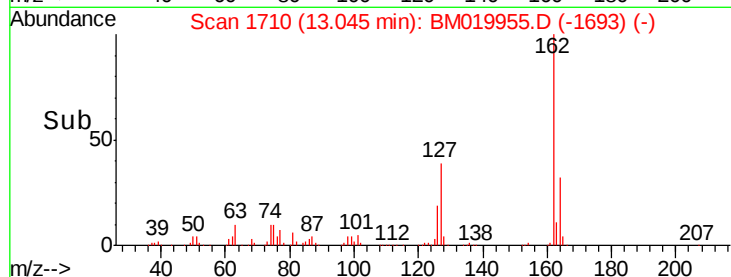
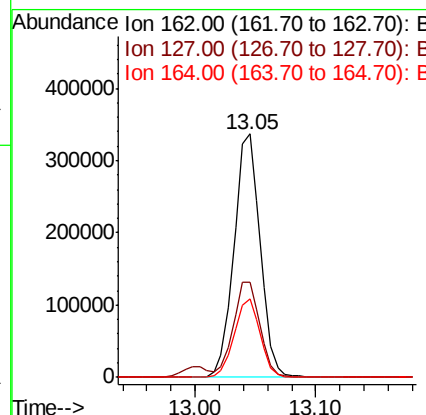
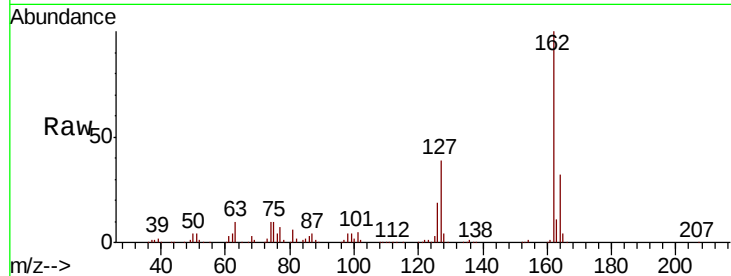
ClientSampleId :

PB118968BS

Tot Ion:	162	Resp:	509606
Ion Ratio		Lower	Upper
162	100		
127	39.1	32.3	48.5
164	32.2	26.3	39.5

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#48

2-Nitroaniline

Concen: 40.199 ng

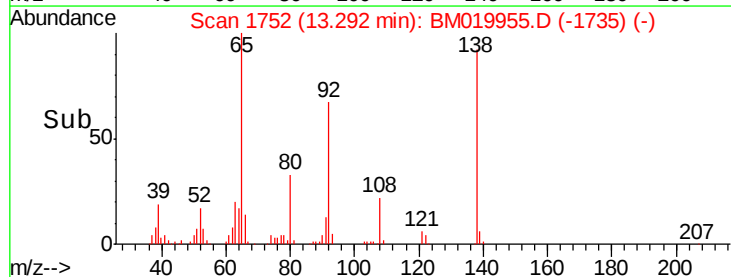
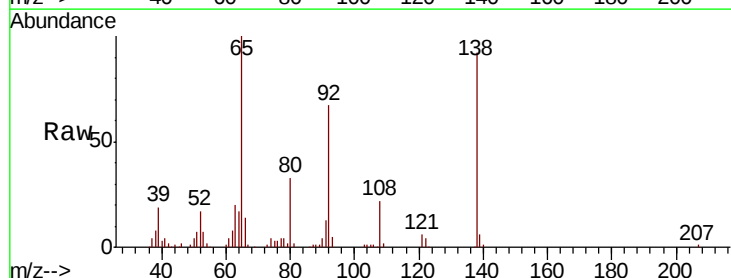
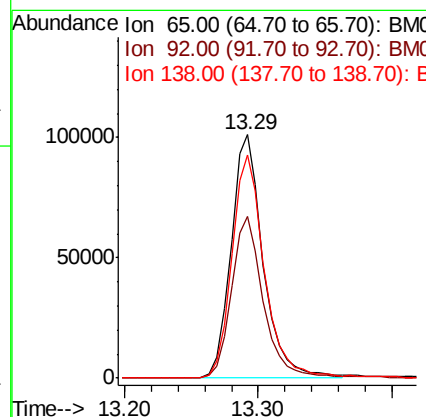
RT: 13.29 min Scan# 1752

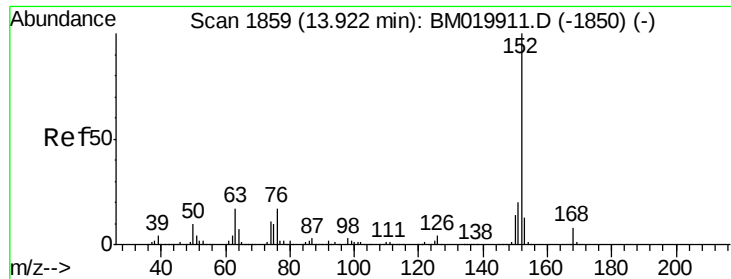
Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	65	Resp:	170275
Ion Ratio		Lower	Upper
65	100		
92	66.5	52.9	79.3
138	91.6	75.8	113.6





#49

Acenaphthylene

Concen: 39.610 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

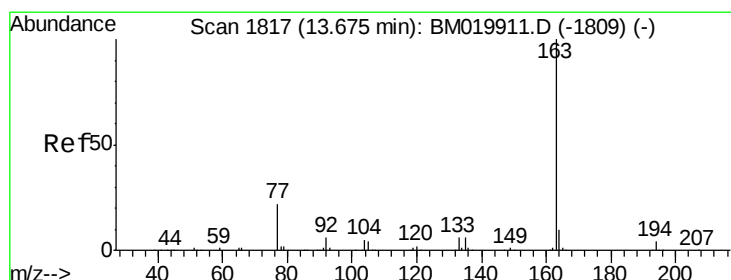
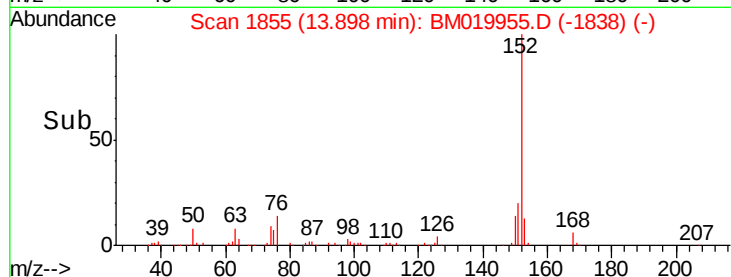
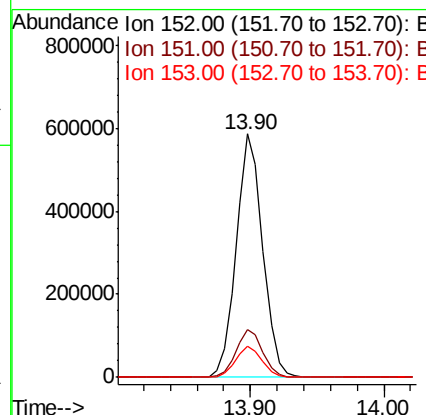
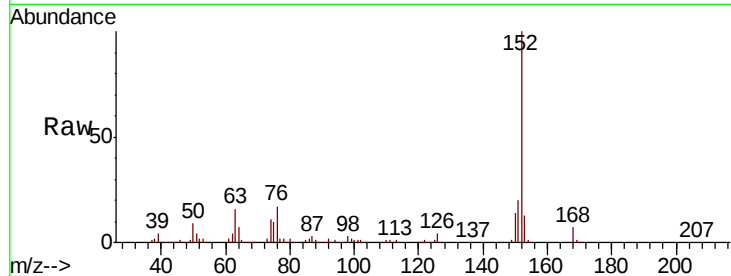
ClientSampleId :

PB118968BS

Tot Ion:	152	Resp:	809881
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	12.8	10.6	16.0

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#50

Dimethylphthalate

Concen: 40.722 ng

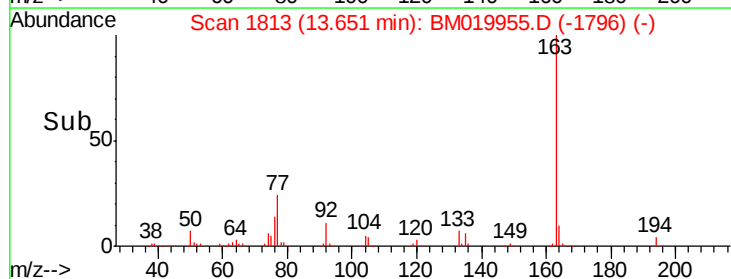
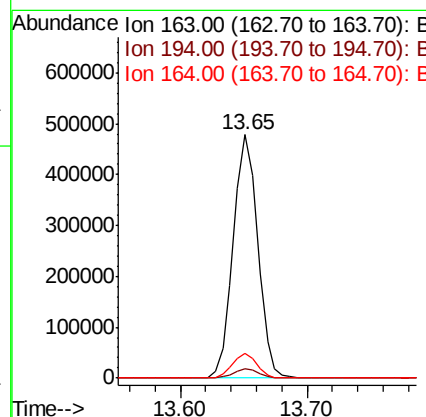
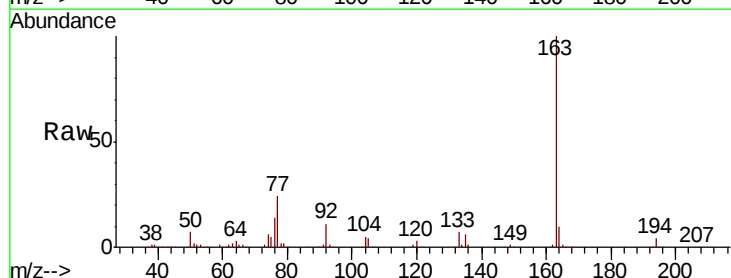
RT: 13.65 min Scan# 1813

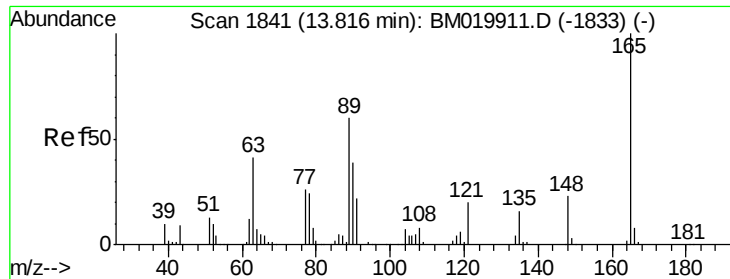
Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	163	Resp:	638904
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.1	7.9	11.9





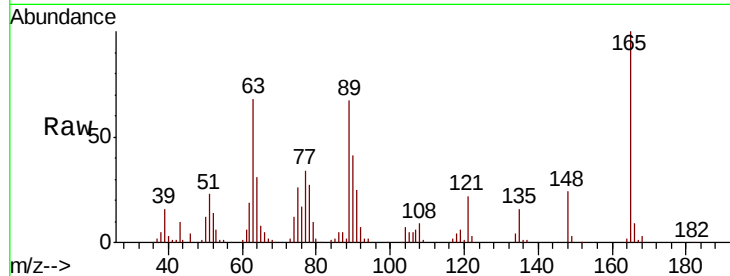
#51
2,6-Dinitrotoluene
Concen: 39.852 ng
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB118968BS

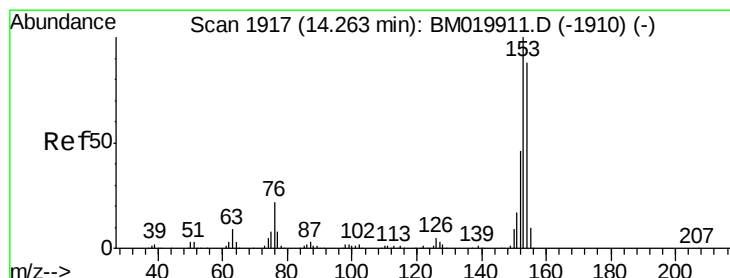
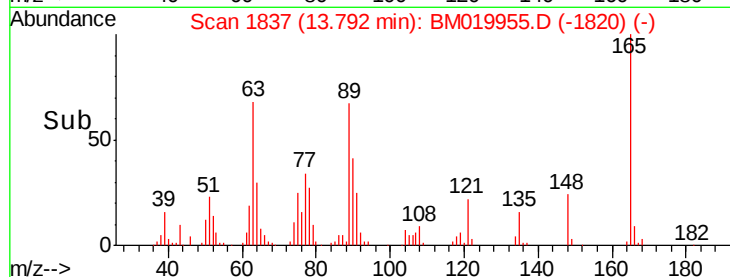
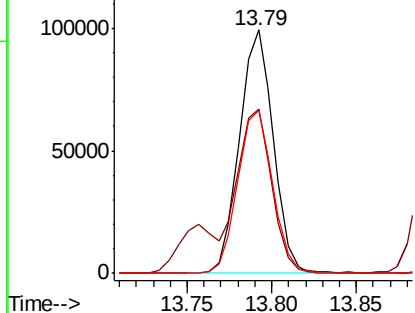
Tot Ion:	165	Resp:	138264
Ion Ratio	Lower	Upper	
165	100		
63	67.5	48.5	72.7
89	66.8	48.2	72.4

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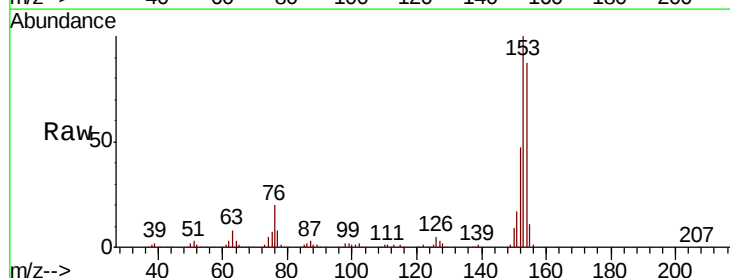


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

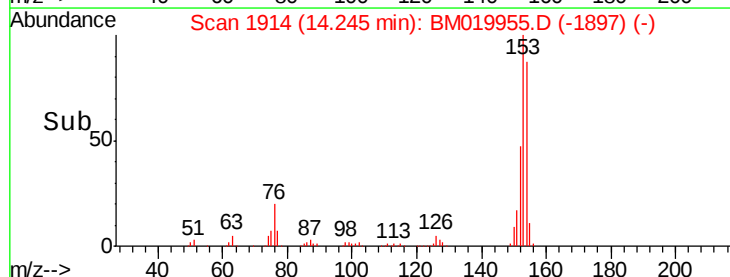
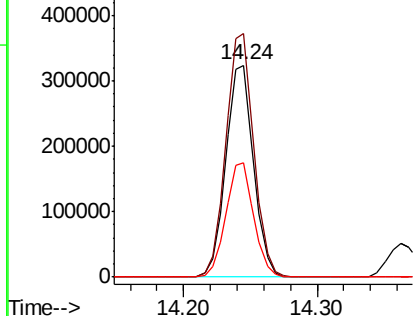


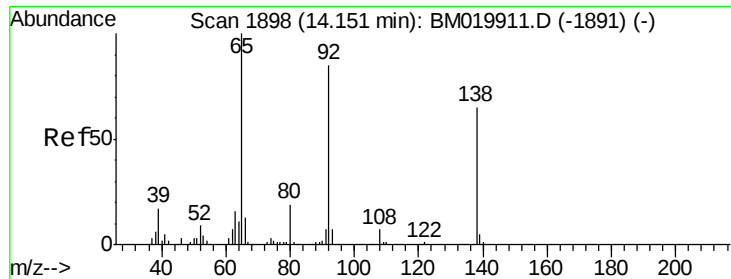
#52
Acenaphthene
Concen: 41.569 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:	154	Resp:	471261
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.0	136.4
152	54.1	42.2	63.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





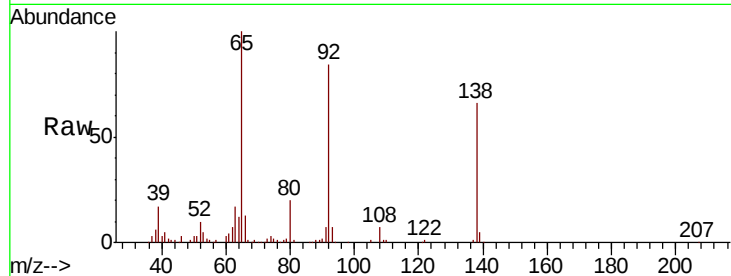
#53
3-Nitroaniline
Concen: 39.550 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB118968BS

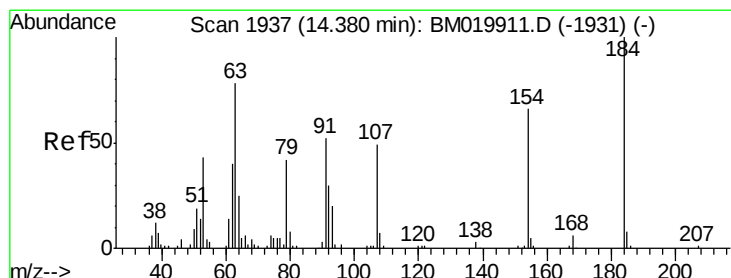
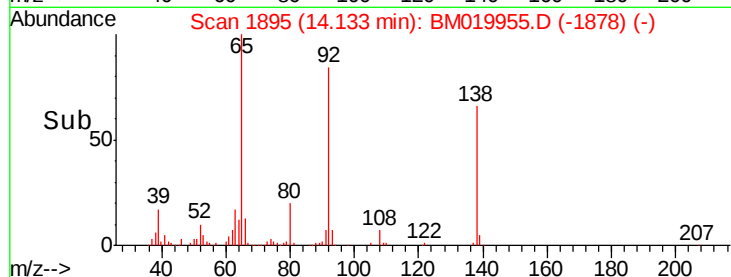
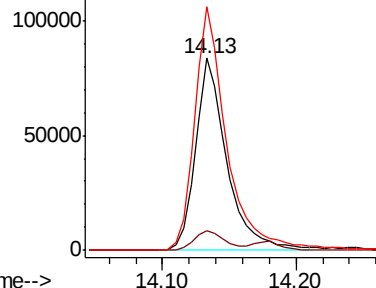
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	8.9	13.3	
92	126.9	103.8	155.8	

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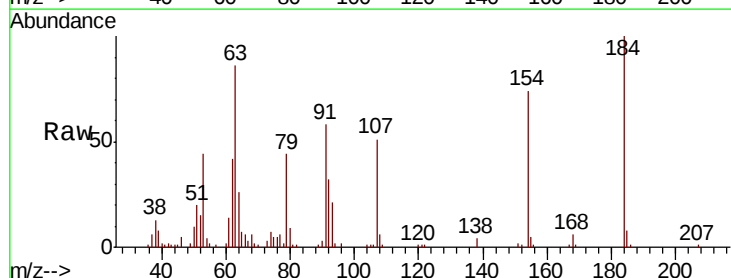


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

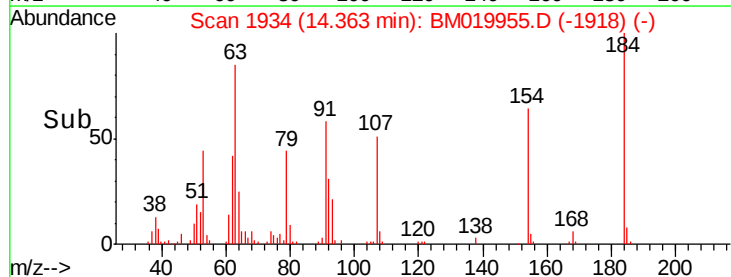
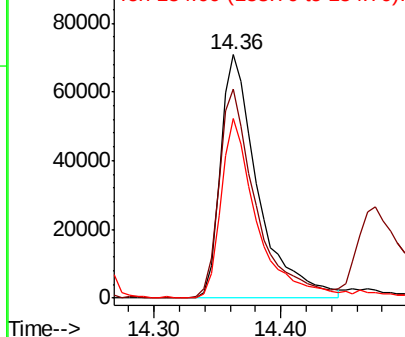


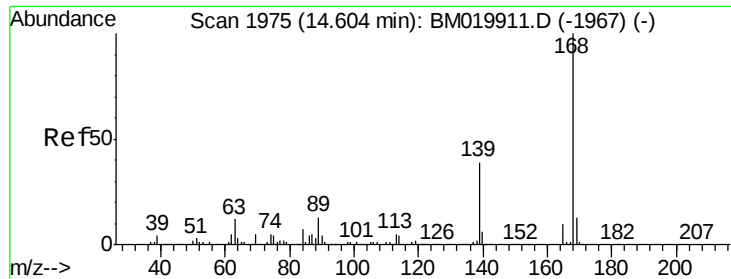
#54
2,4-Dinitrophenol
Concen: 70.985 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	85.9	62.3	93.5	
154	73.9	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





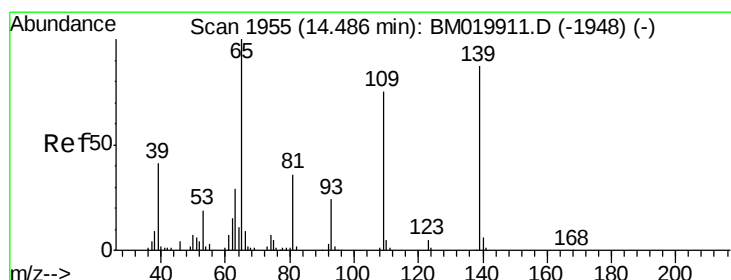
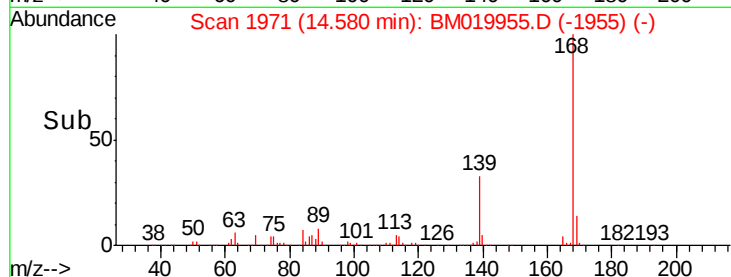
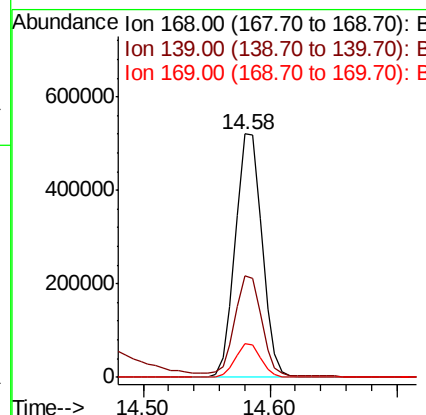
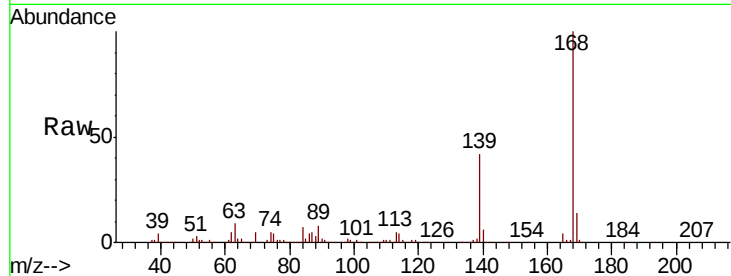
#55
Dibenzenofuran
Concen: 40.837 ng
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	31.5	47.3
169	13.7	10.6	16.0

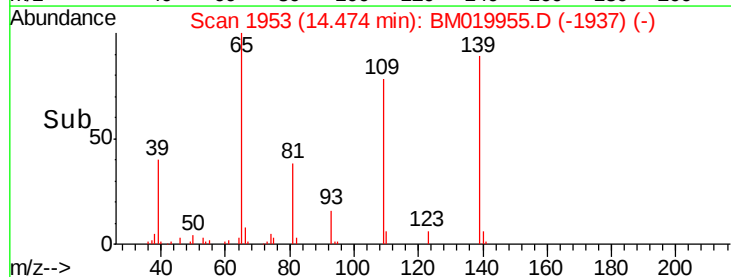
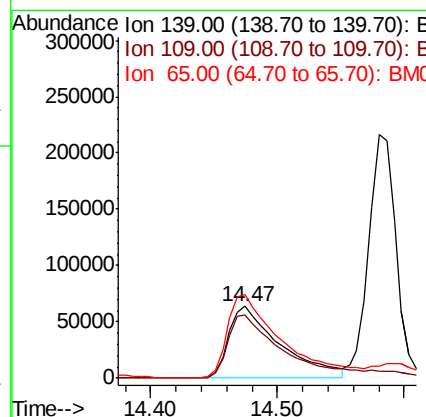
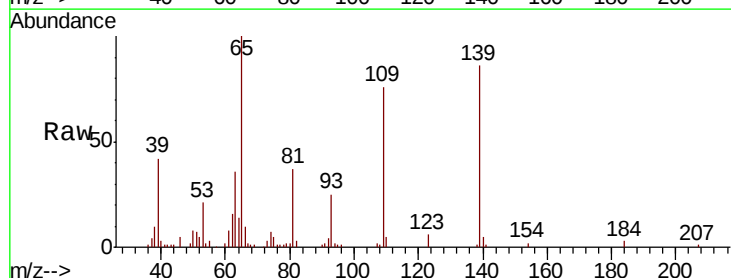
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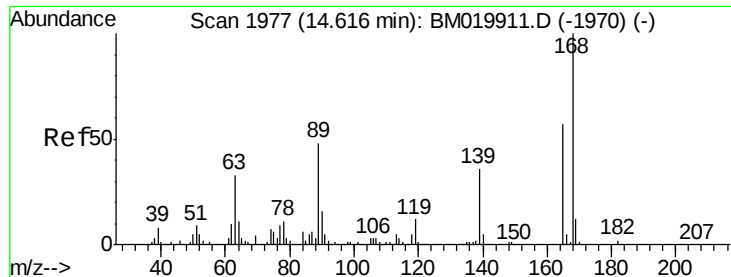
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#56
4-Nitrophenol
Concen: 66.484 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.0	65.3	105.3
65	115.8	94.9	134.9





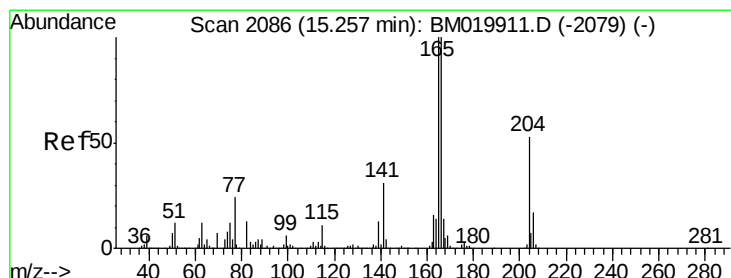
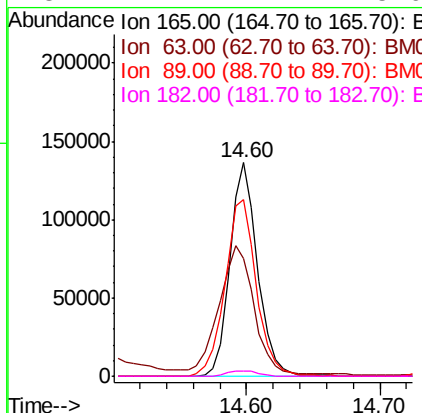
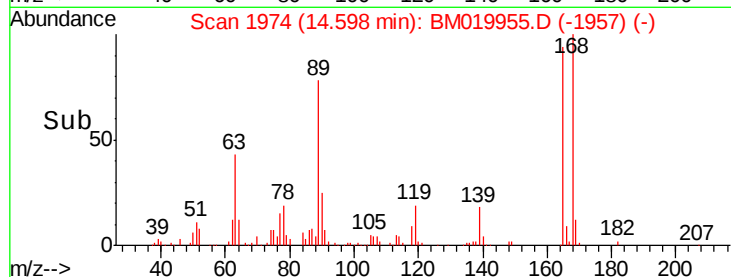
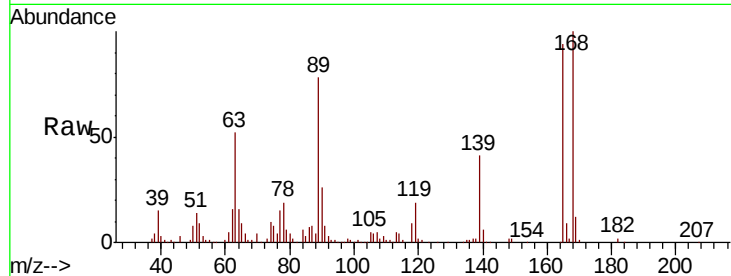
#57
 2,4-Dinitrotoluene
 Concen: 39.346 ng
 RT: 14.60 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	196220		
63	55.3	46.0	69.0	
89	83.0	67.5	101.3	
182	2.7	2.4	3.6	

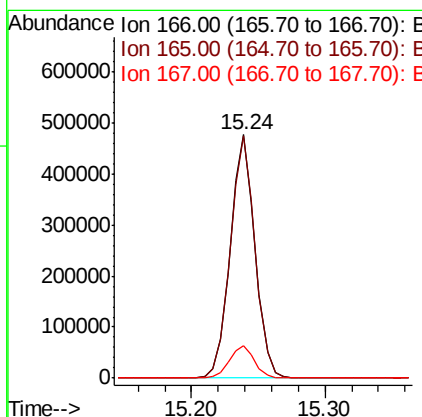
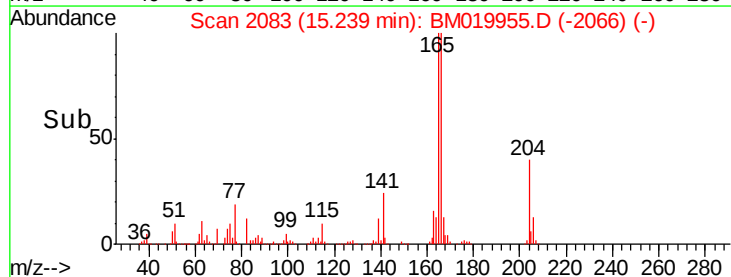
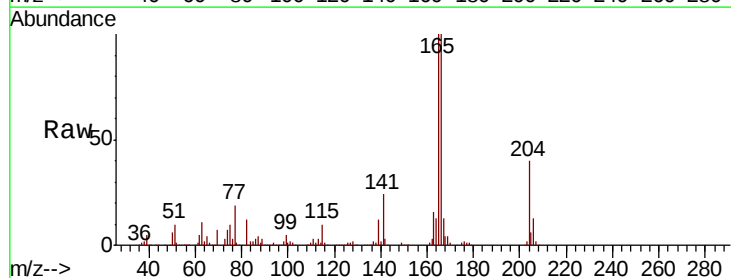
Manual Integrations
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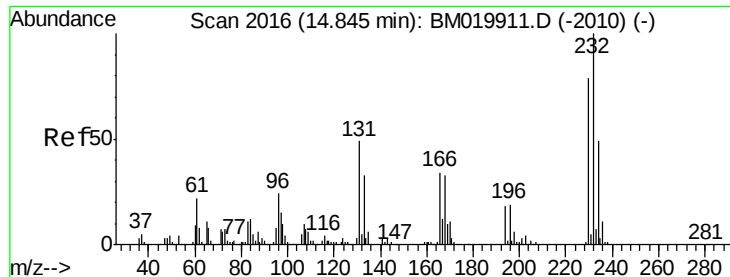
Sohil
 4/22/2019 2:52:52 AM



#58
 Fluorene
 Concen: 39.094 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	614102		
165	99.7	80.1	120.1	
167	13.1	11.0	16.4	





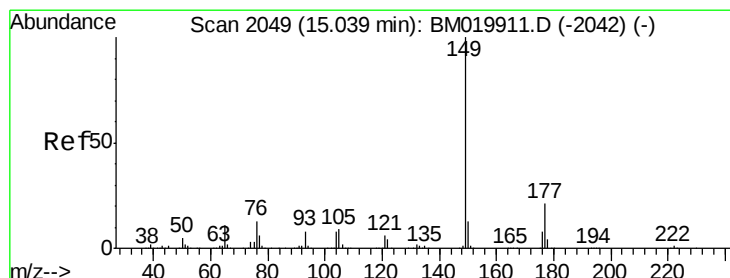
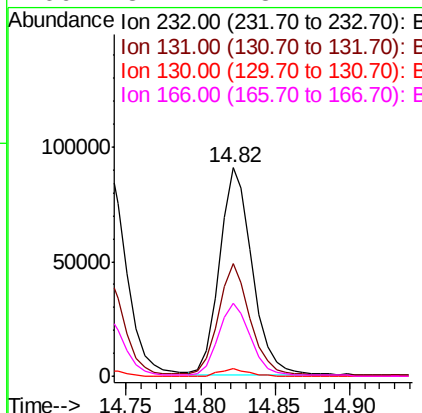
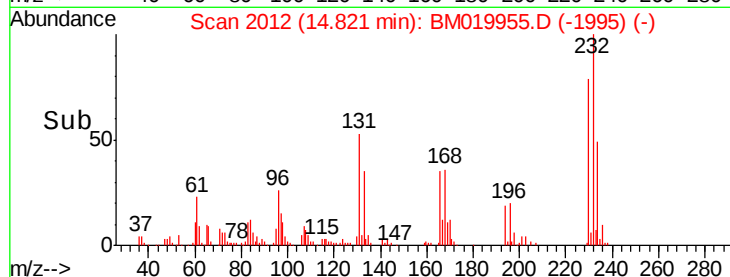
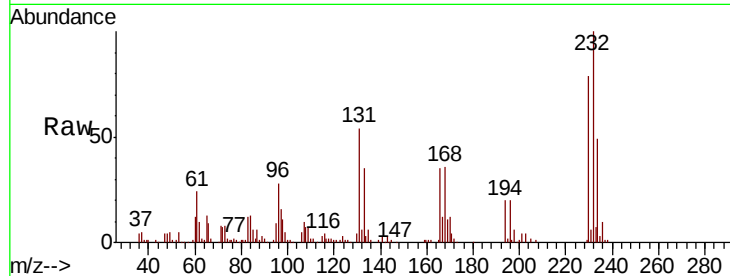
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.869 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	42.1	63.1
130	3.2	2.2	3.4
166	34.7	28.1	42.1

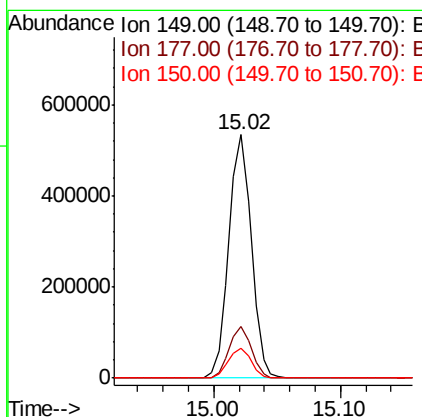
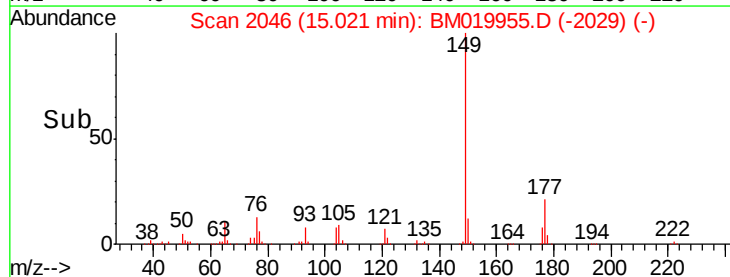
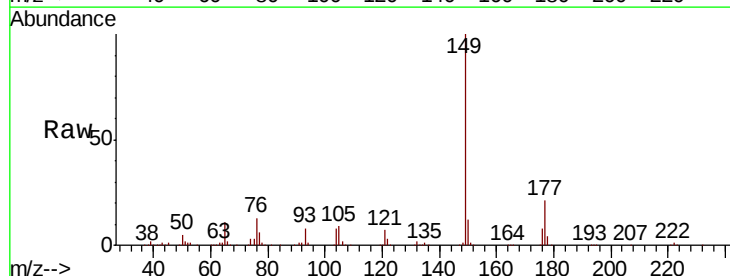
Manual Integrations
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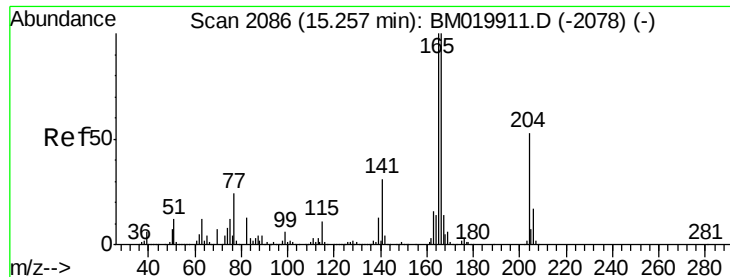
Sohil
4/22/2019 2:52:52 AM



#60
Diethylphthalate
Concen: 40.212 ng
RT: 15.02 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	25.0
150	12.3	10.0	15.0





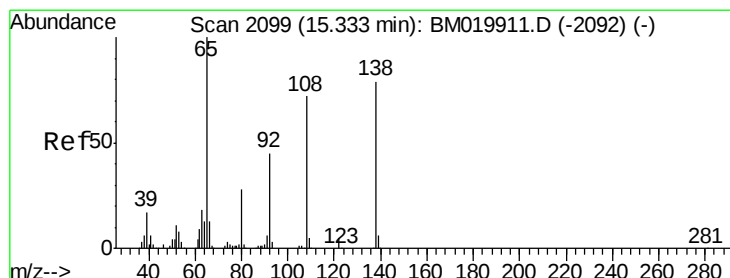
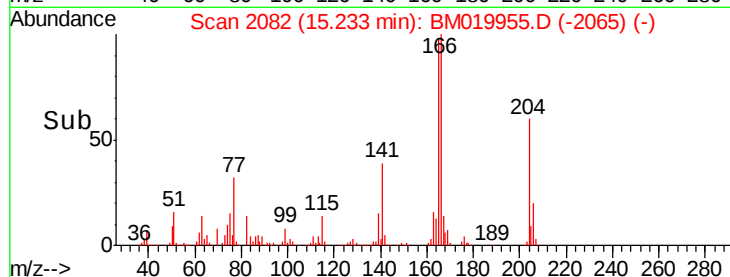
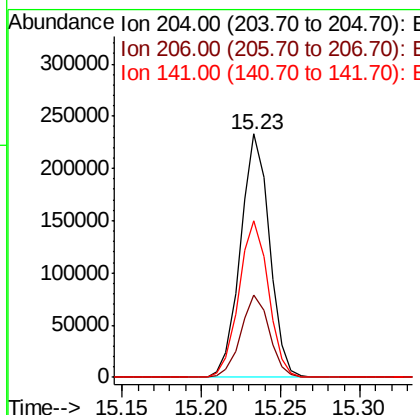
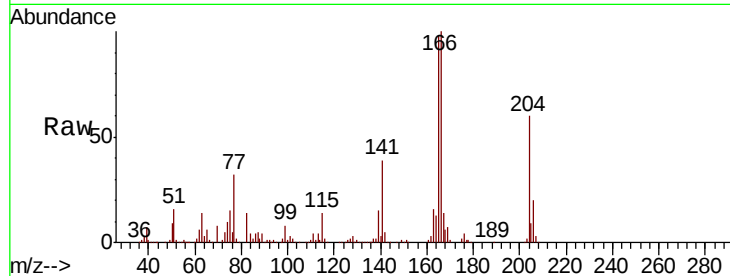
#61
4-Chlorophenyl-phenylether
Concen: 39.148 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB118968BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	296081		
206	33.6	25.8	38.8	
141	64.3	47.0	70.4	

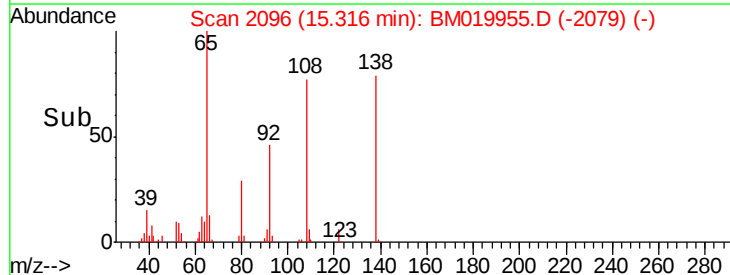
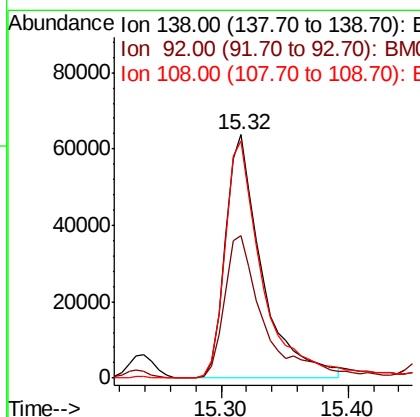
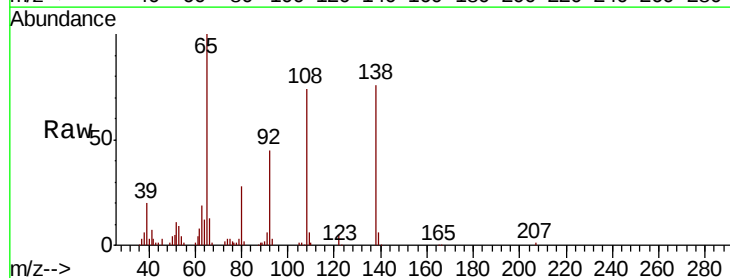
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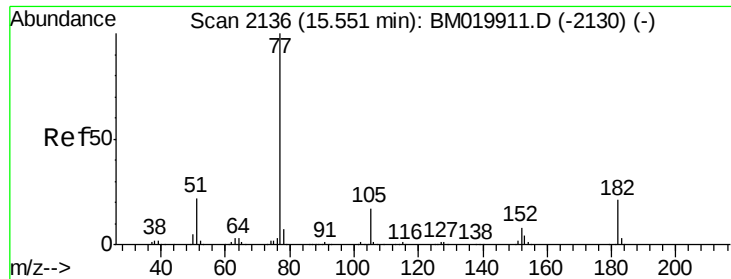
Sohil
4/22/2019 2:52:52 AM



#62
4-Nitroaniline
Concen: 37.102 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	126637		
92	58.5	36.8	76.8	
108	97.3	71.5	111.5	





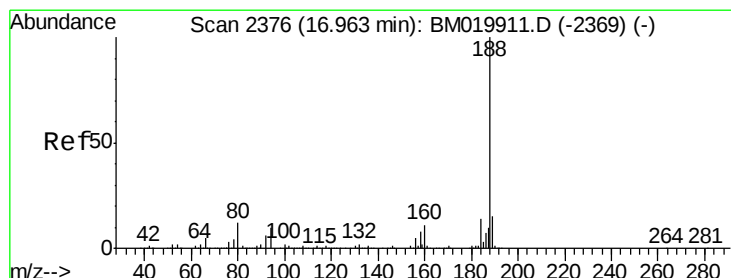
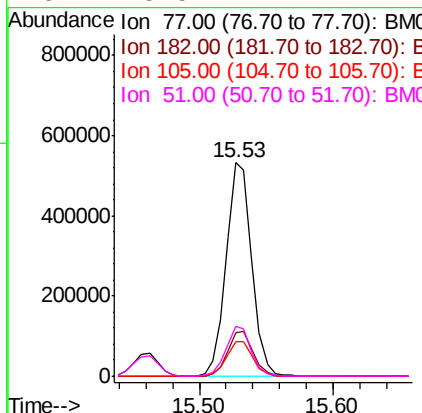
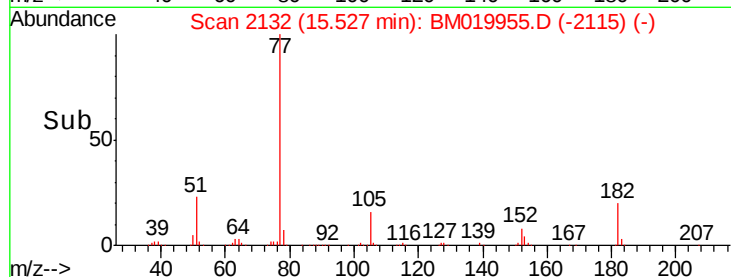
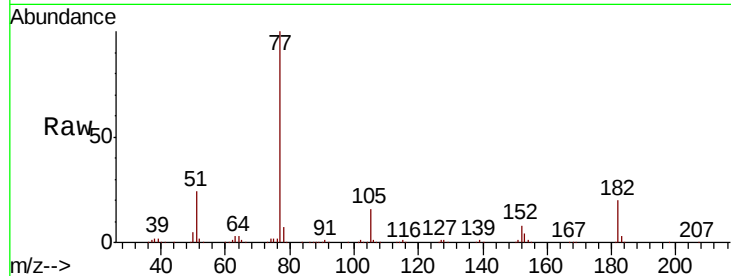
#63
Azobenzene
Concen: 40.931 ng
RT: 15.53 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.2	1.0	41.0		
105	16.3	0.0	37.1		
51	23.5	2.1	42.1		

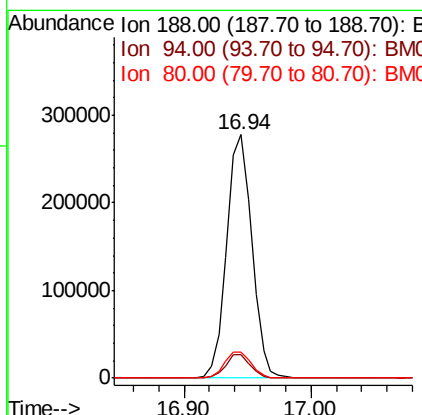
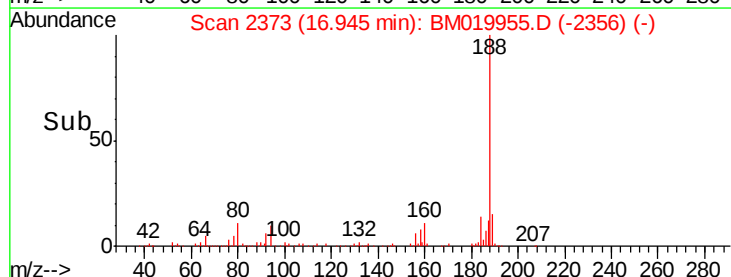
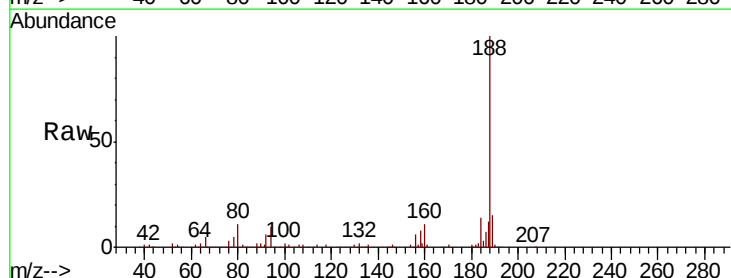
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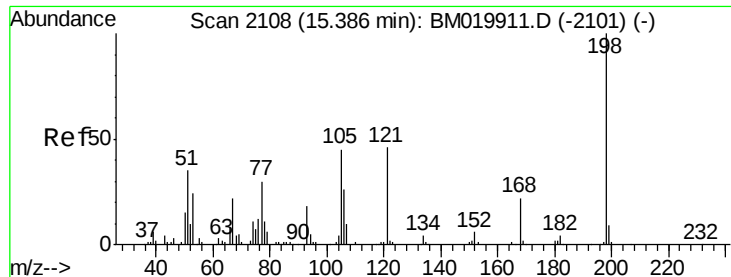
Sohil
4/22/2019 2:52:52 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.7	7.6	11.4		
80	10.8	9.4	14.0		





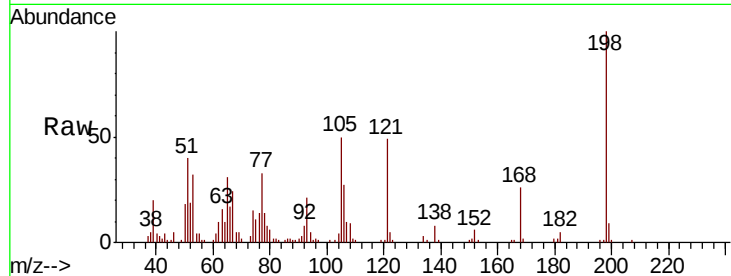
#65
4,6-Dinitro-2-methylphenol
Concen: 40.689 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	99240		
51	40.0	17.9	57.9	
105	50.5	26.1	66.1	

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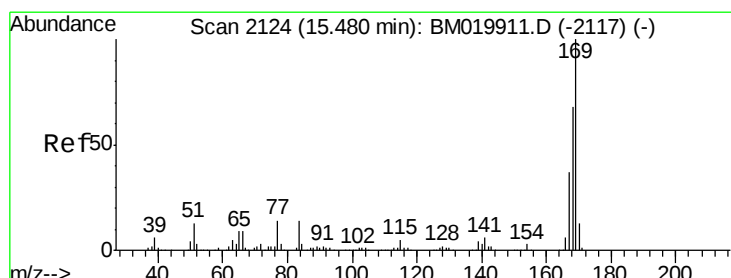
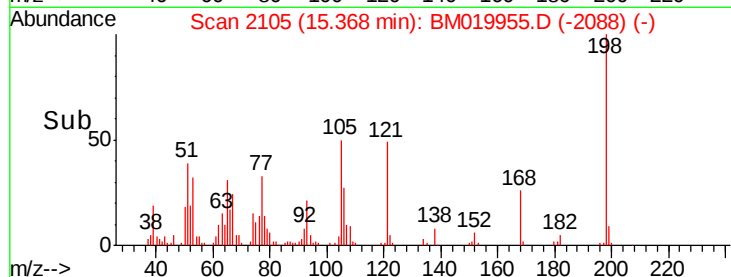
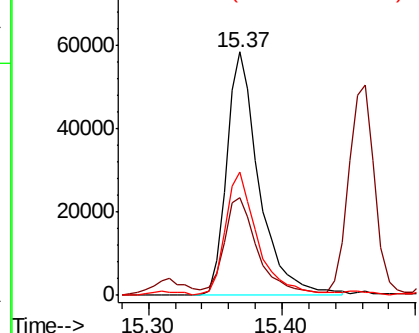


Abundance

Ion 198.00 (197.70 to 198.70): E

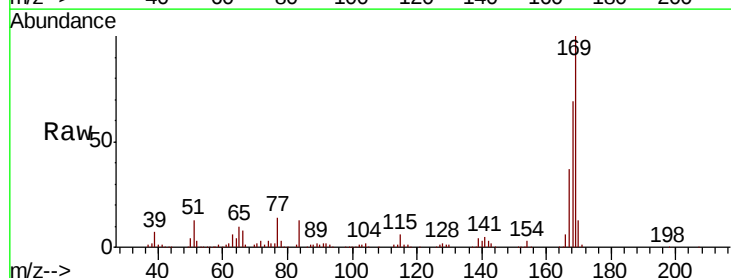
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 41.141 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	514145		
168	69.1	54.7	82.1	
167	36.7	29.4	44.0	

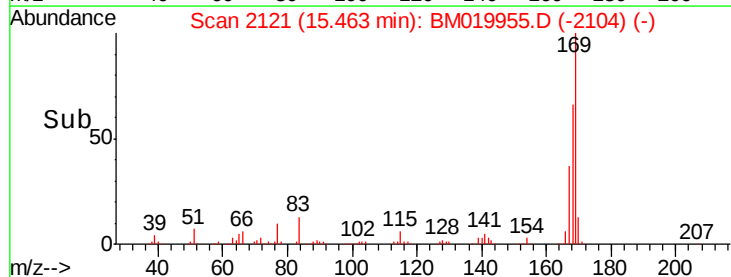
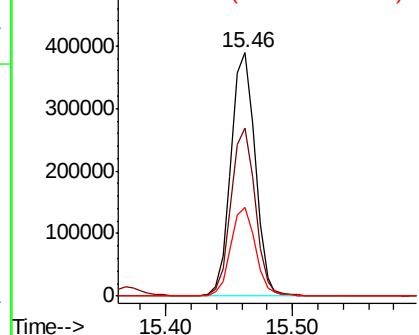


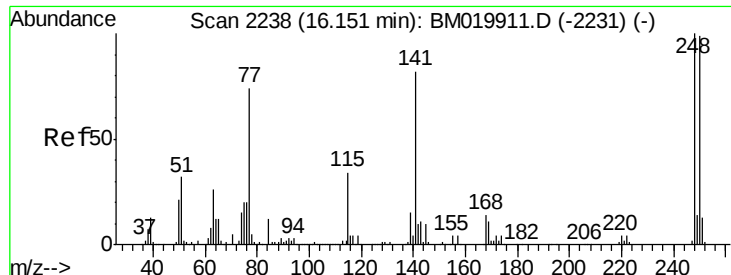
Abundance

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





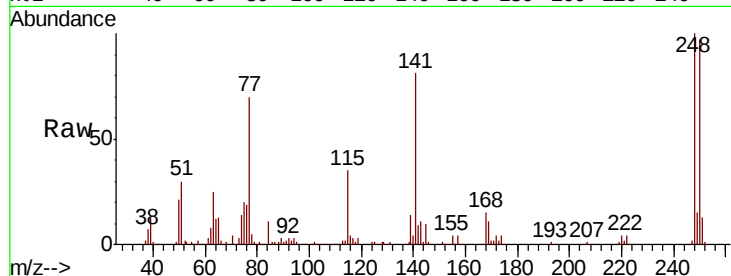
#67
 4-Bromophenyl-phenylether
 Concen: 39.970 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.9	118.3
141	80.6	65.6	98.4

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 4/22/2019 2:52:52 AM

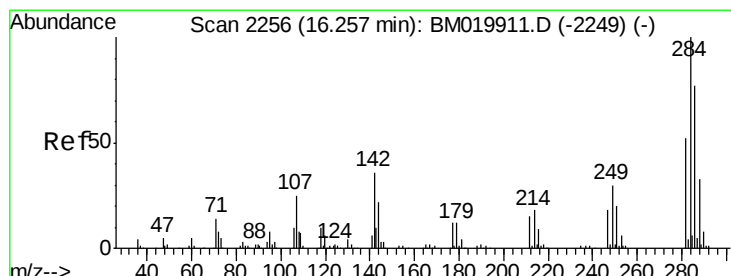
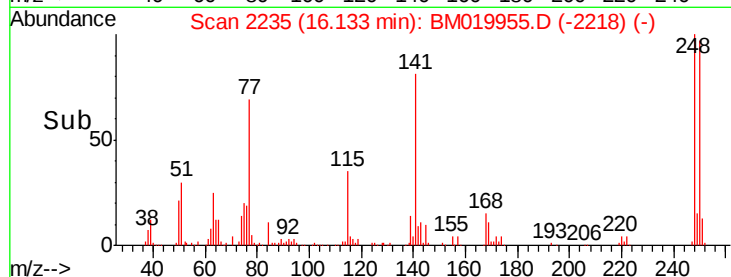
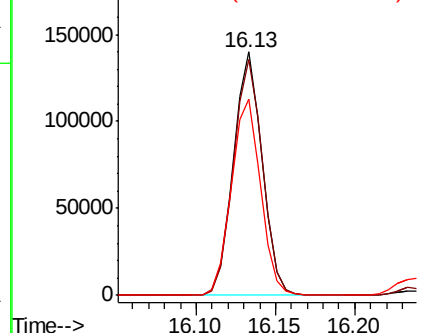


Abundance

Ion 248.00 (247.70 to 248.70): E

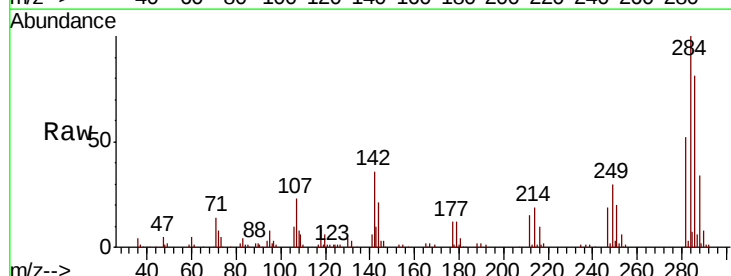
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.763 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.9	43.3
249	29.9	23.8	35.6

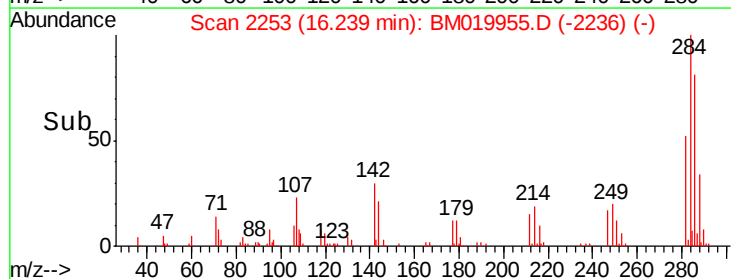
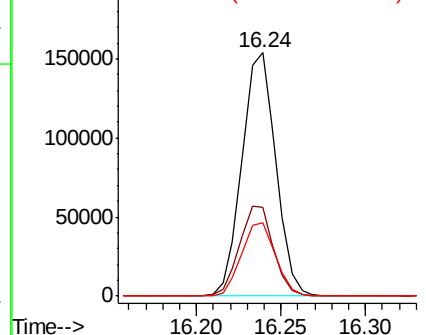


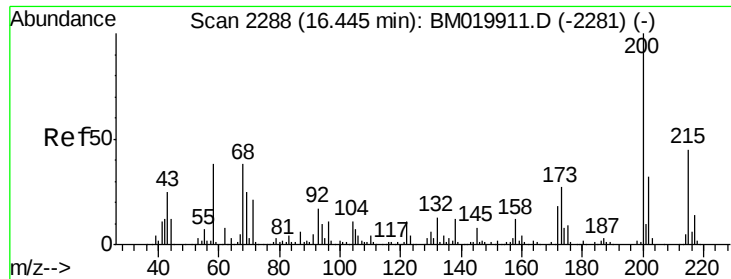
Abundance

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





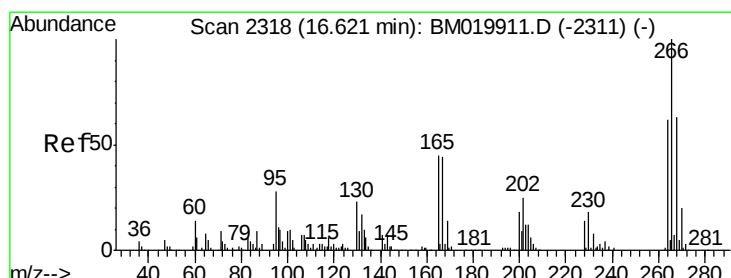
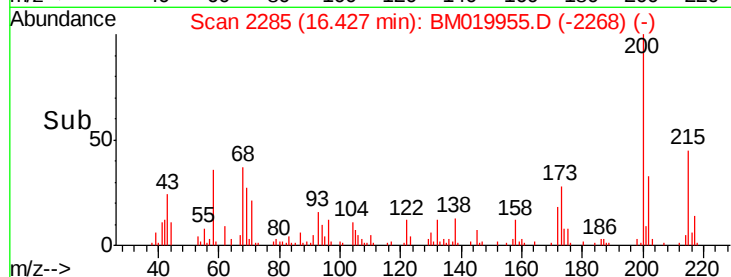
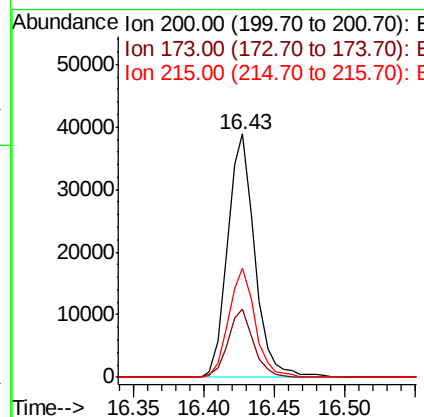
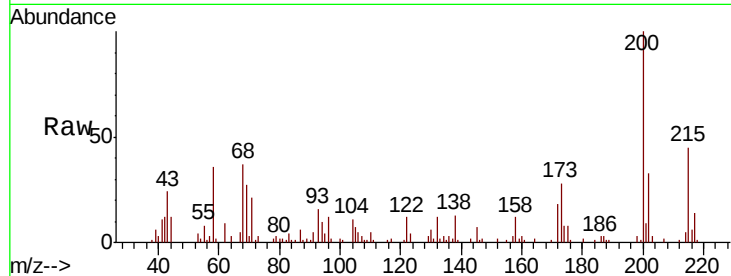
#69
Atrazine
Concen: 12.213 ng
RT: 16.43 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB118968BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	7.2	47.2
215	44.8	25.4	65.4

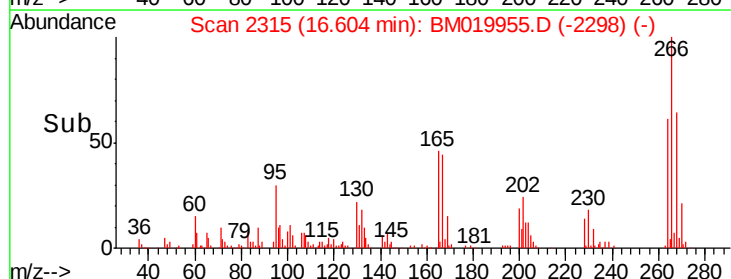
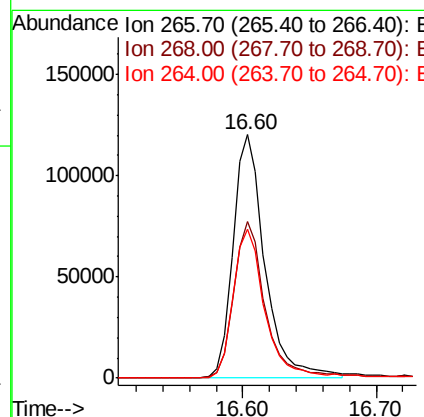
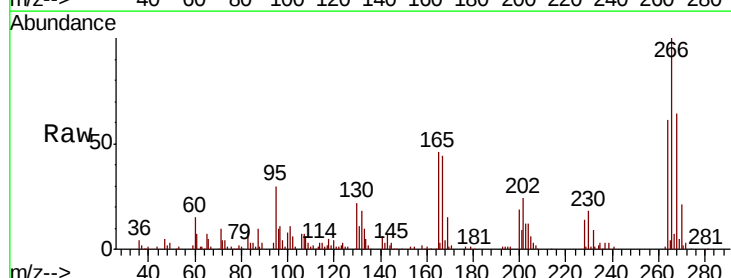
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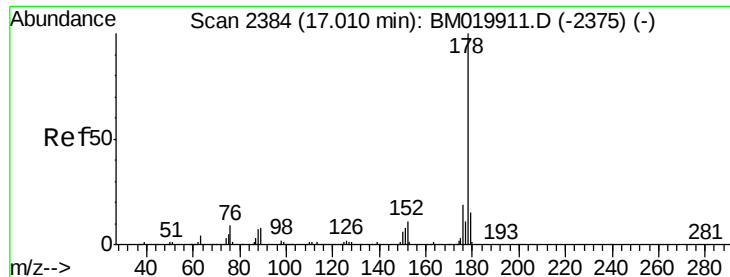
Sohil
4/22/2019 2:52:52 AM



#70
Pentachlorophenol
Concen: 74.393 ng
RT: 16.60 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	50.3	75.5
264	61.3	49.8	74.8





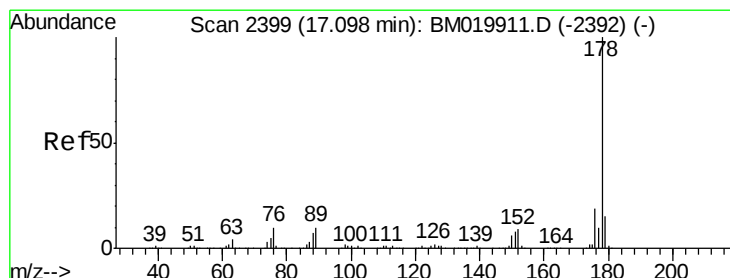
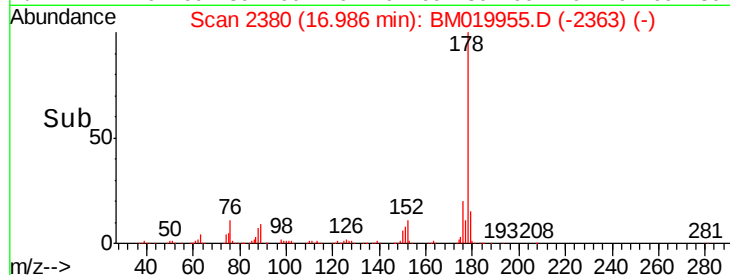
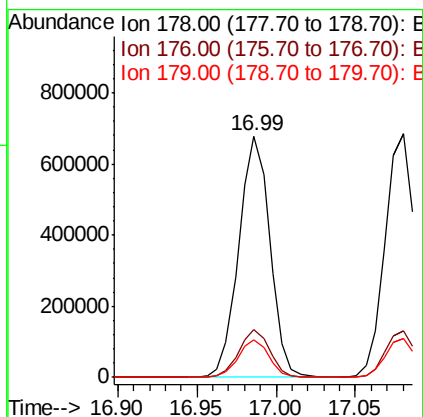
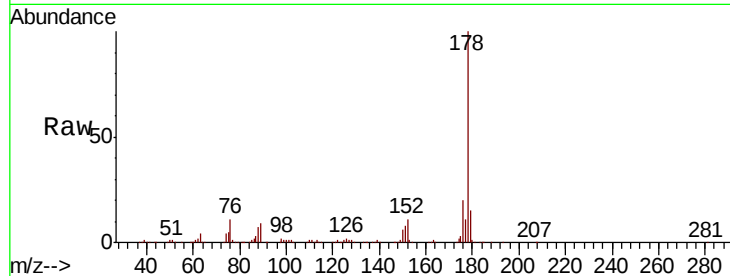
#71
Phenanthrene
Concen: 40.806 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.4	12.2	18.4

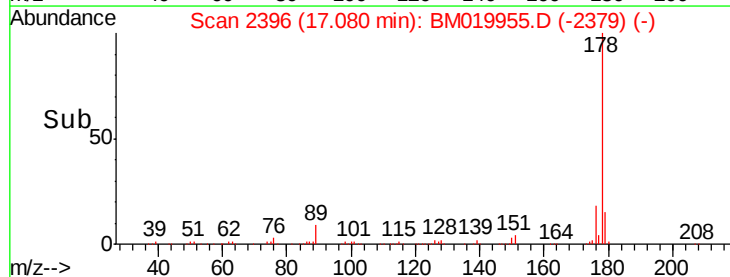
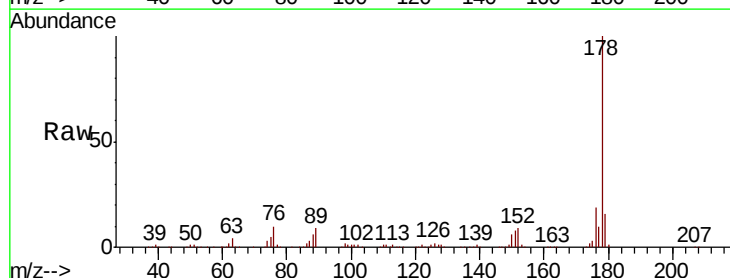
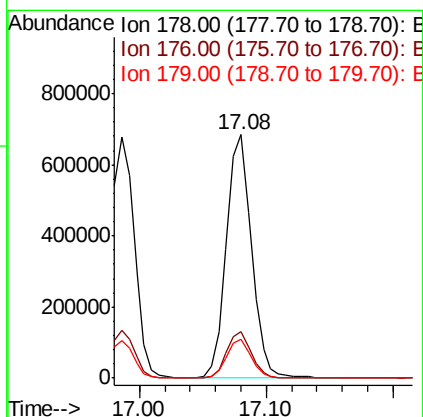
Manual Integrations
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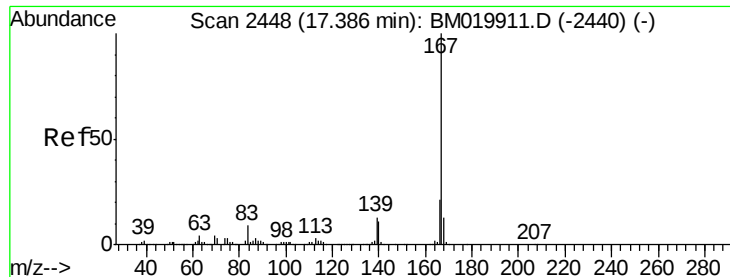
Sohil
4/22/2019 2:52:52 AM



#72
Anthracene
Concen: 41.399 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.7	12.2	18.4





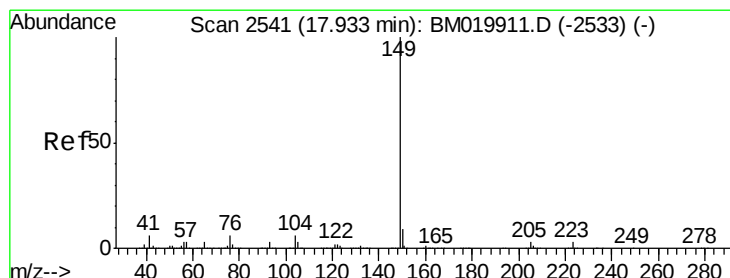
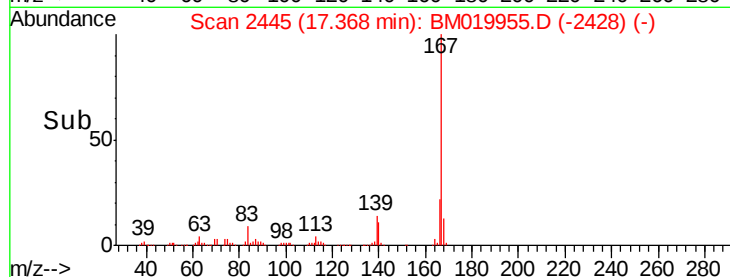
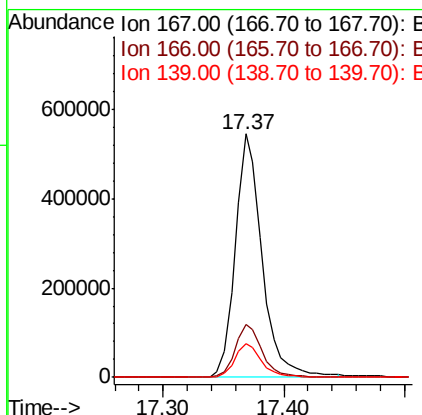
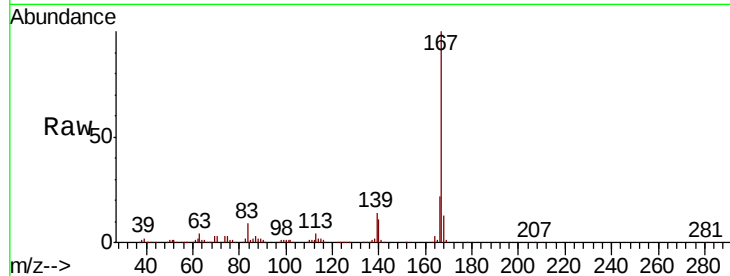
#73
 Carbazole
 Concen: 40.106 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.7	10.7	16.1

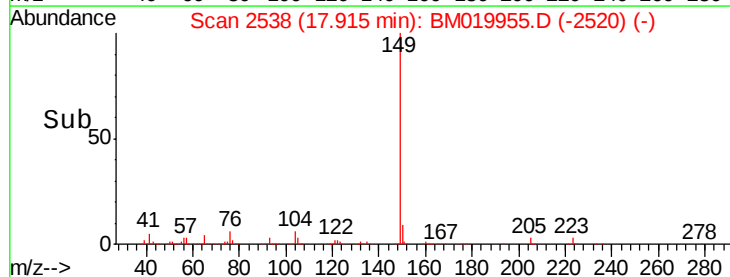
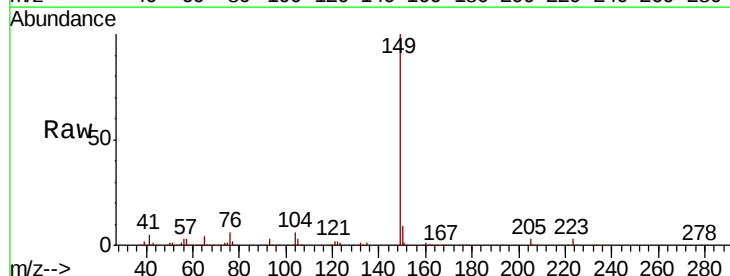
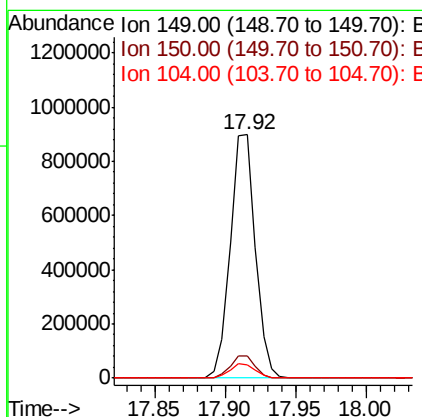
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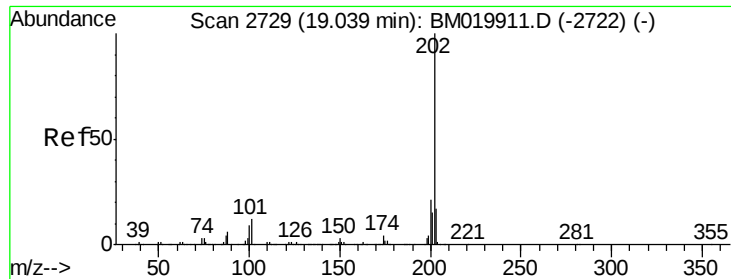
Sohil
 4/22/2019 2:52:52 AM



#74
 Di-n-butylphthalate
 Concen: 40.278 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. 0.01 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.6	4.6	7.0





#75

Fluoranthene

Concen: 40.809 ng

RT: 19.02 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

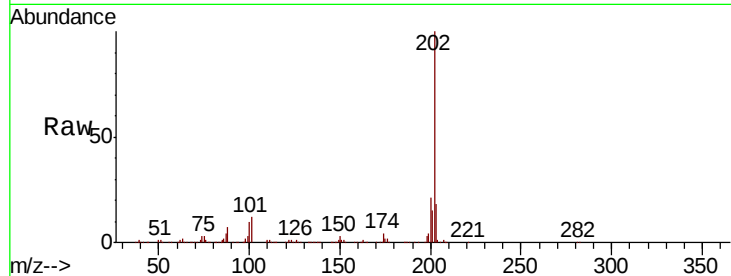
ClientSampleId :

PB118968BS

Tot Ion:	202	Resp:	1065368
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.7
203	17.9	0.0	37.4

Manual Integrations
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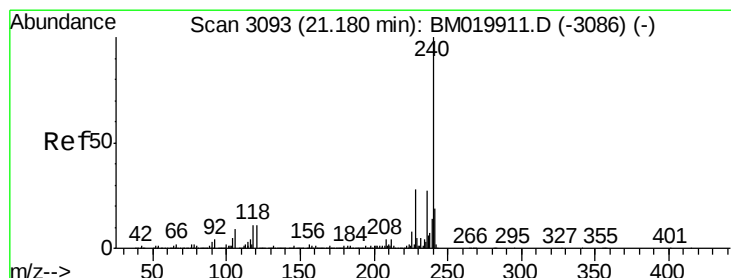
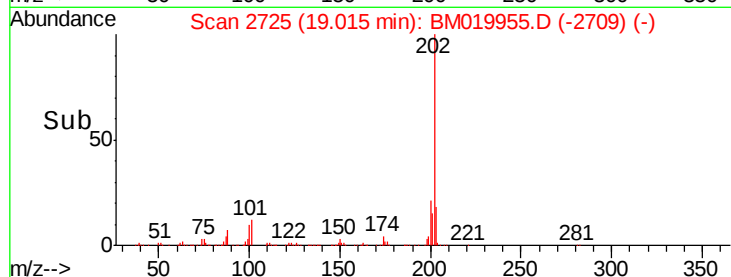
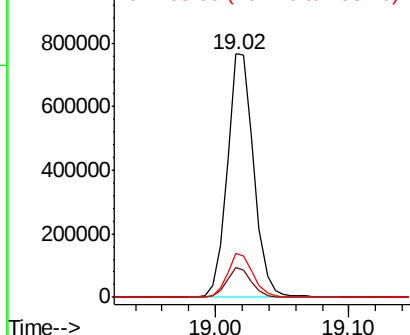


Abundance

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# 3090

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

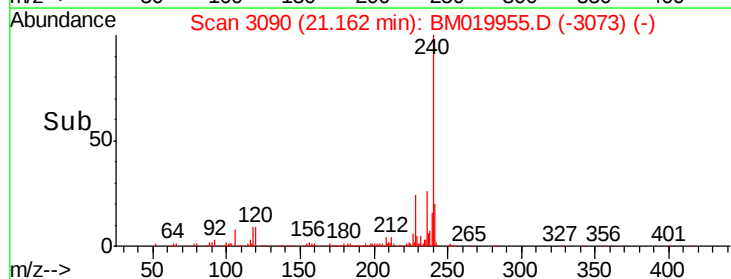
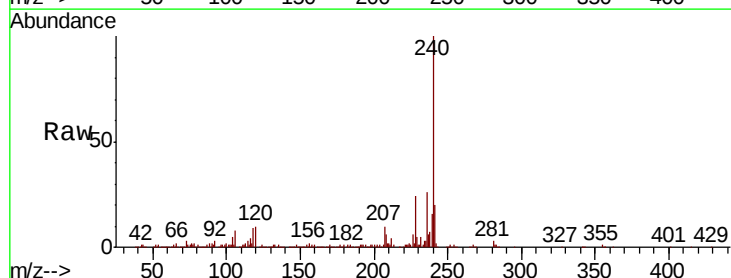
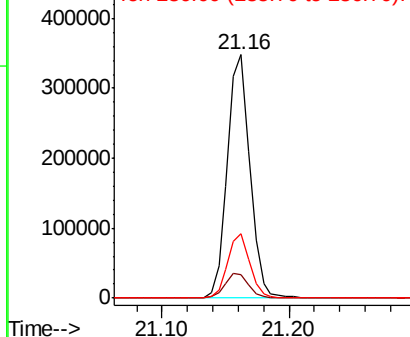
Tgt Ion:	240	Resp:	428405
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.6	13.0
236	26.4	21.4	32.2

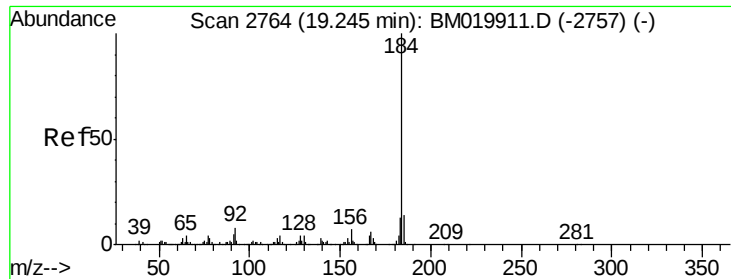
Abundance

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: 56.102 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

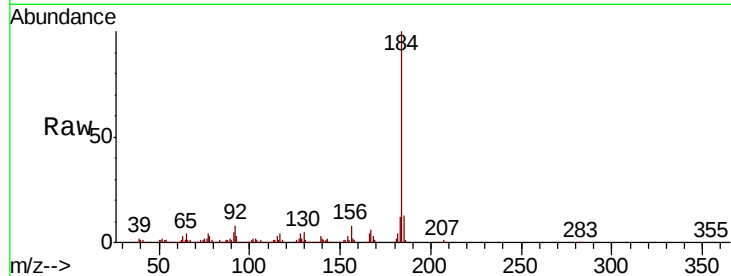
ClientSampleId :

PB118968BS

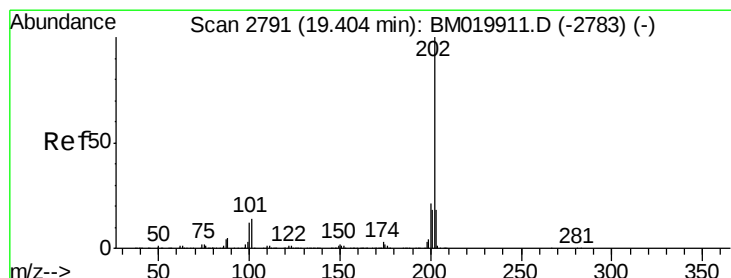
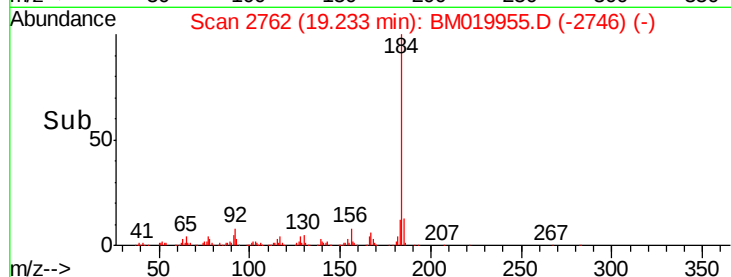
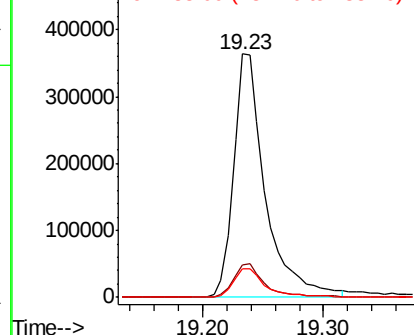
Tot Ion:	184	Resp:	663144
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.0	16.6
183	11.8	10.1	15.1

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



#78

Pyrene

Concen: 39.150 ng

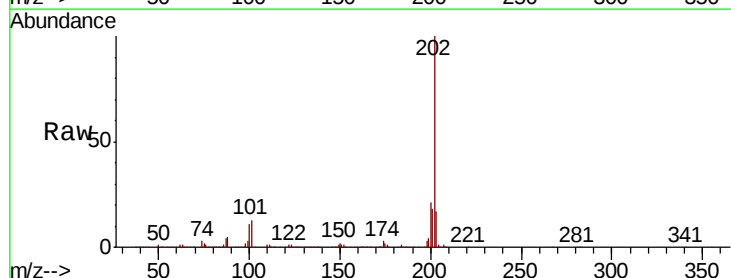
RT: 19.39 min Scan# 2788

Delta R.T. -0.00 min

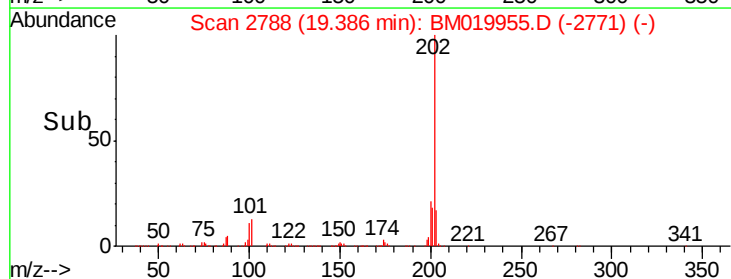
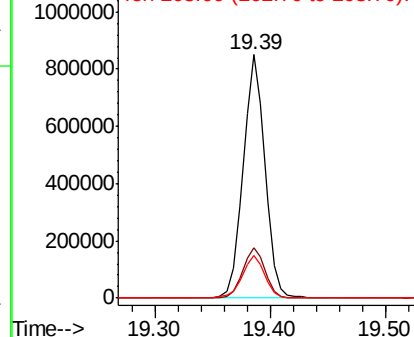
Lab File: BM019955.D

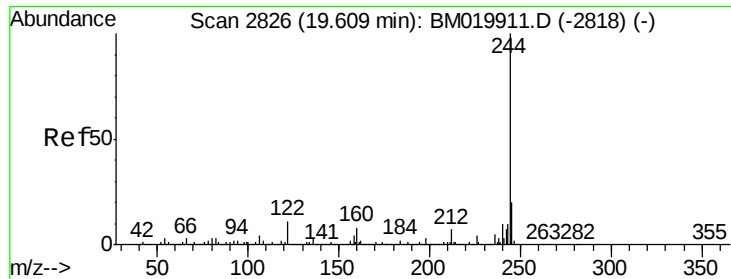
Acq: 18 Apr 2019 16:03

Tgt Ion:	202	Resp:	1110680
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.3	14.0	21.0



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





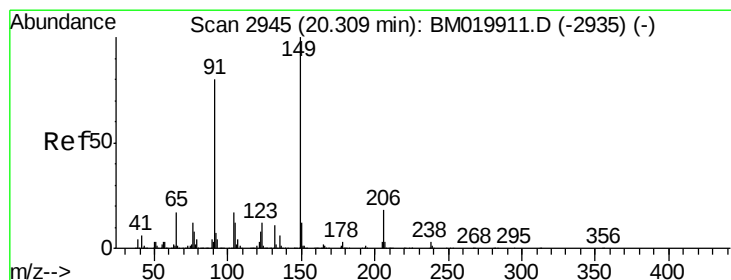
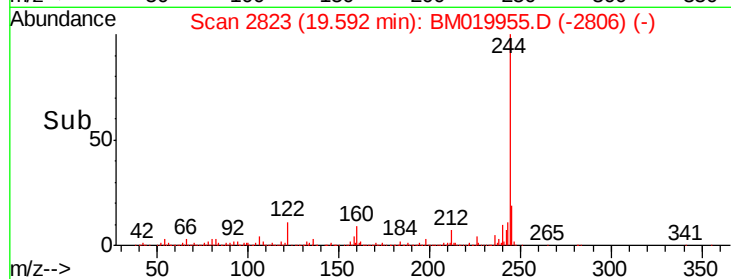
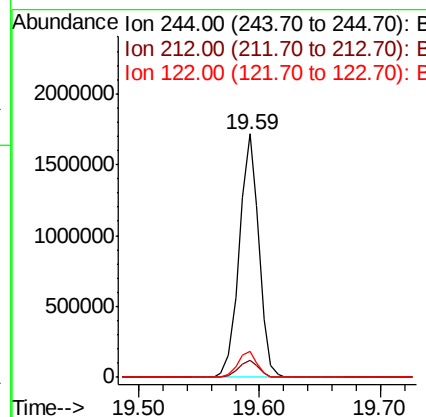
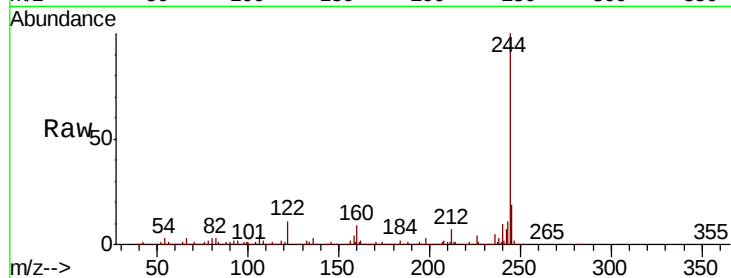
#79
 Terphenyl-d14
 Concen: 79.656 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.7	9.1	13.7

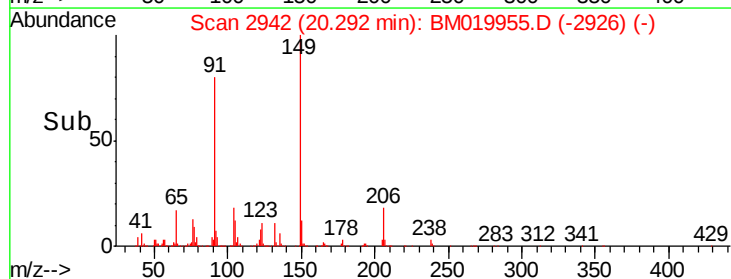
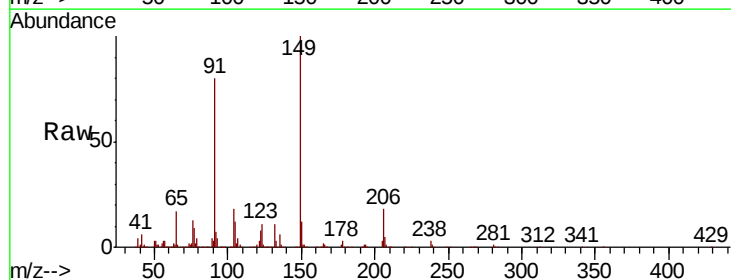
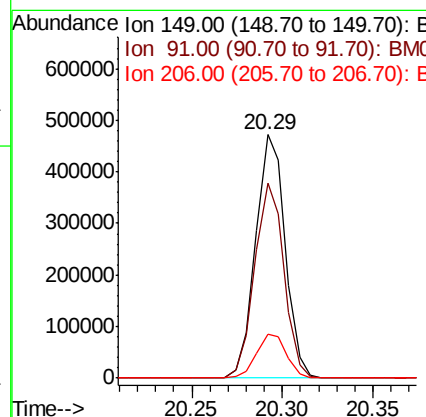
Manual Integrations
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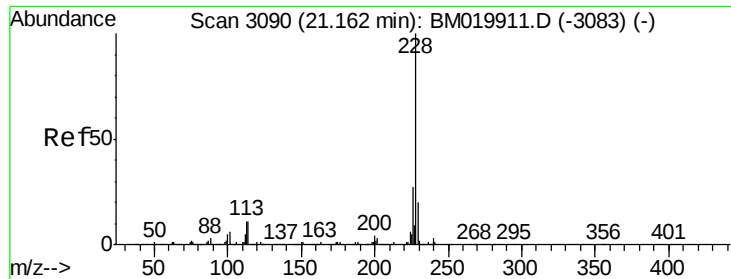
Sohil
 4/22/2019 2:52:52 AM



#80
 Butylbenzylphthalate
 Concen: 38.884 ng
 RT: 20.29 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.1	63.7	95.5
206	18.1	14.6	21.8





#81

Benzo(a)anthracene

Concen: 40.977 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB118968BS

Tot Ion:228 Resp: 1112048

Ion Ratio Lower Upper

228 100

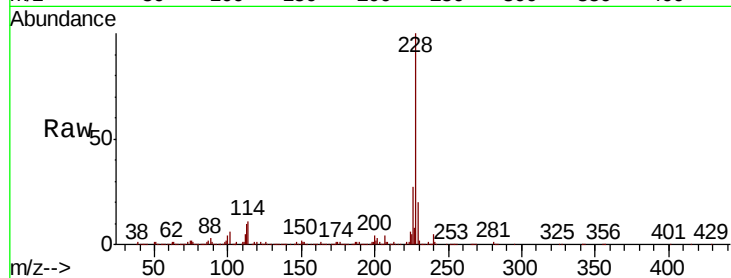
226 27.3 21.8 32.6

229 19.6 15.9 23.9

Manual Integrations
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Sohil

4/22/2019 2:52:52 AM

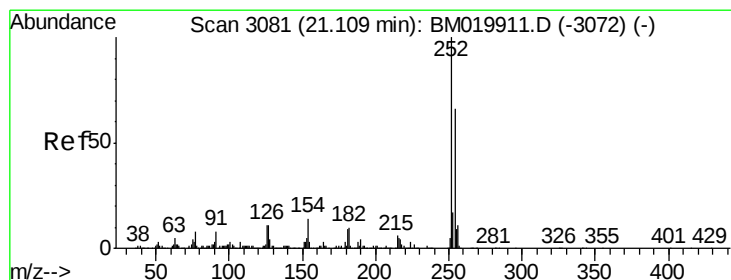
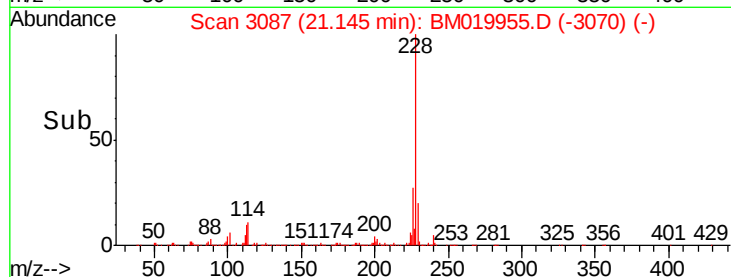
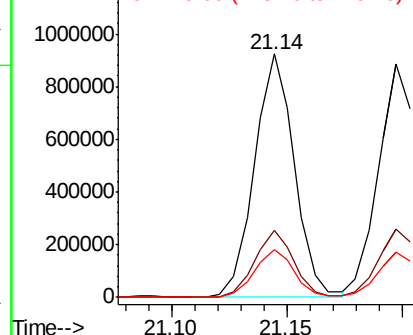


Abundance

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: 43.617 ng

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

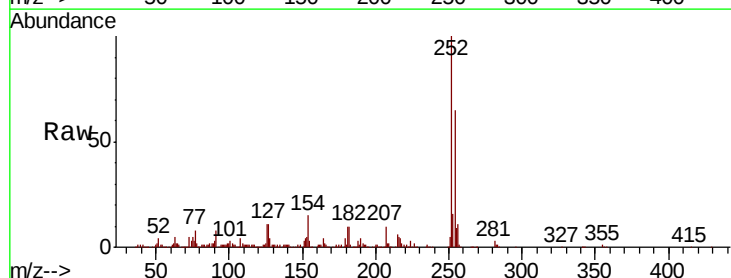
Tgt Ion:252 Resp: 440400

Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

126 11.4 8.6 12.8

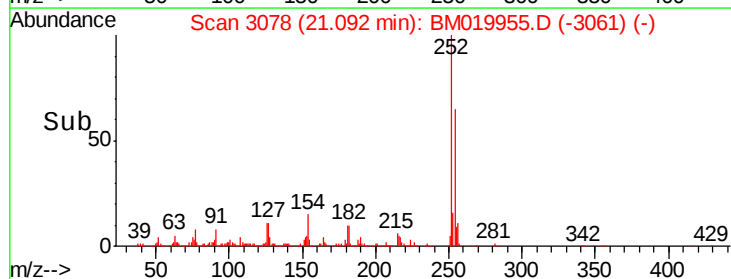
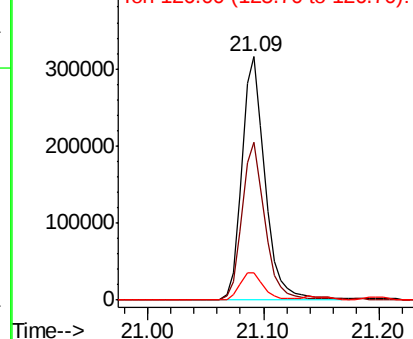


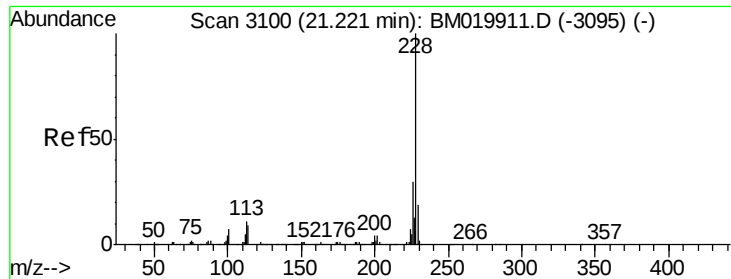
Abundance

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





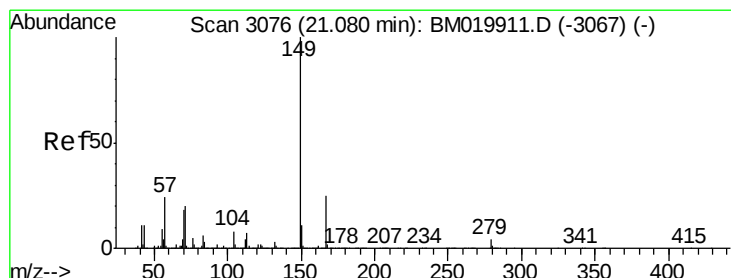
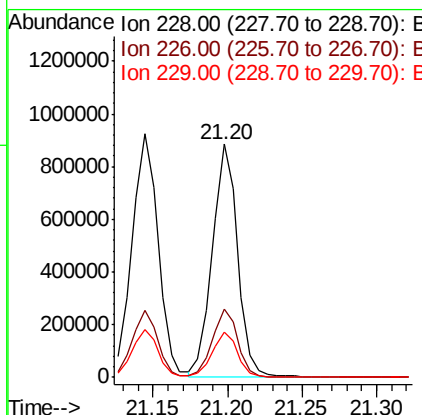
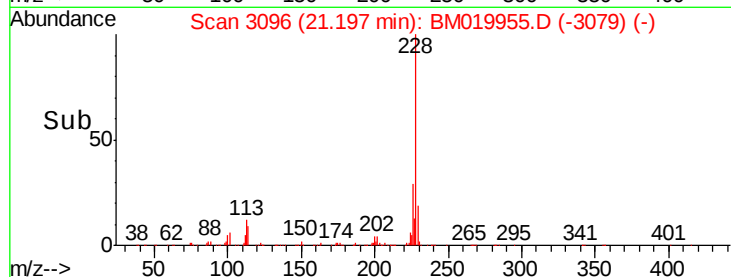
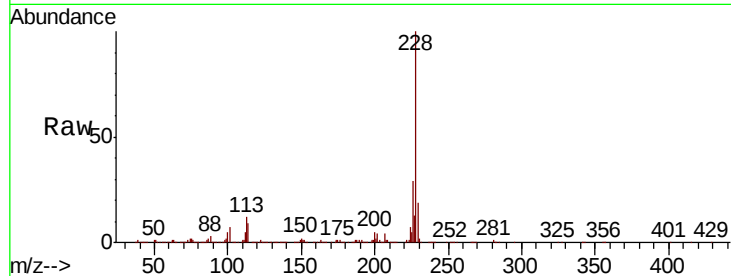
#83
Chrysene
Concen: 40.227 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion:228 Resp: 1046940
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 19.3 15.6 23.4

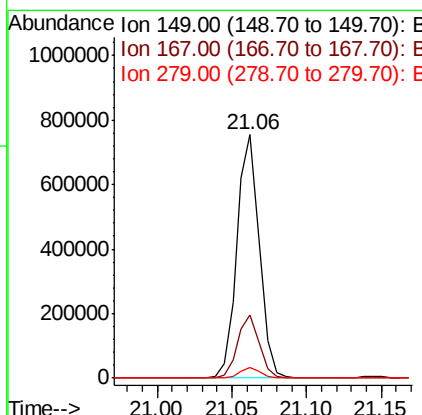
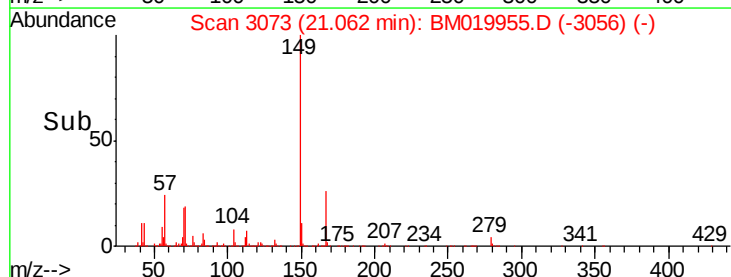
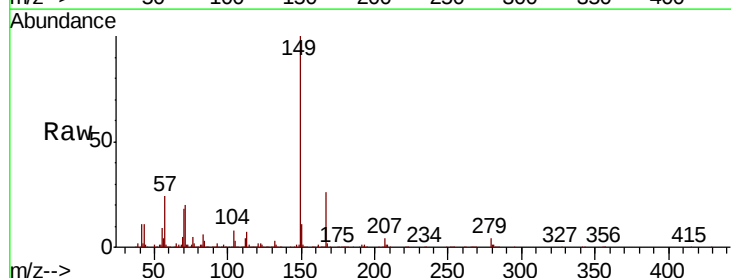
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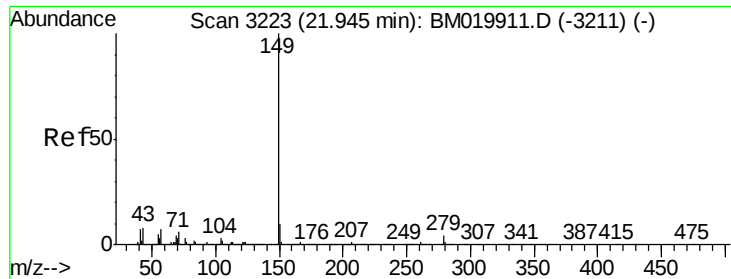
Sohil
4/22/2019 2:52:52 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.418 ng
RT: 21.06 min Scan# 3073
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:149 Resp: 786679
Ion Ratio Lower Upper
149 100
167 25.9 20.3 30.5
279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 41.673 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

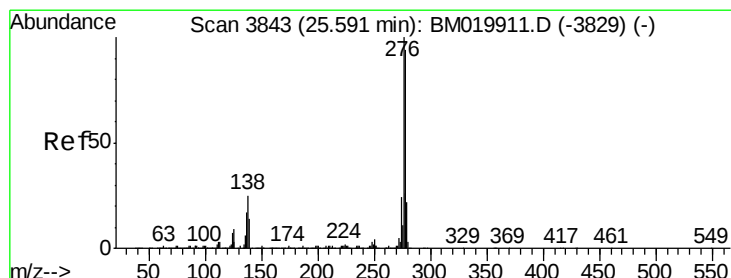
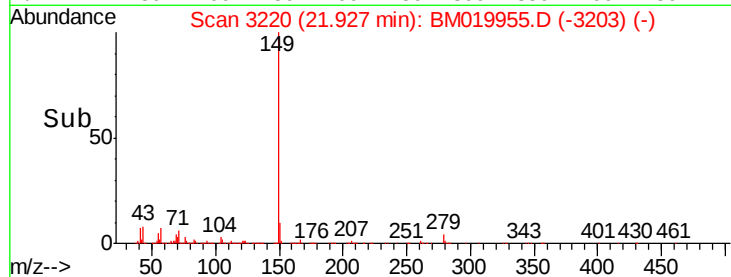
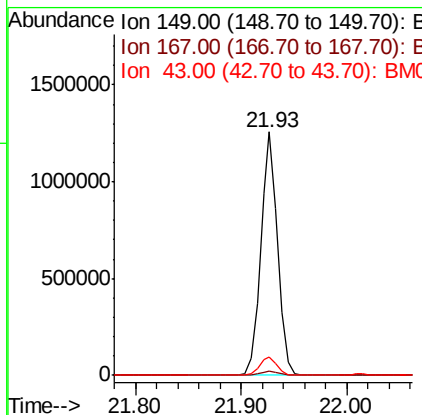
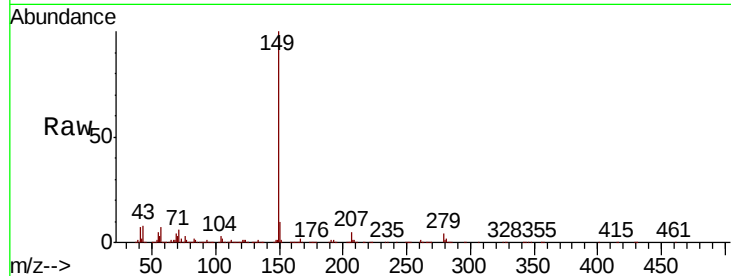
ClientSampleId :

PB118968BS

Tot Ion:	149	Resp:	1384639
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	7.8	6.0	9.0

Manual Integrations
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Sohil
4/22/2019 2:52:52 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.830 ng

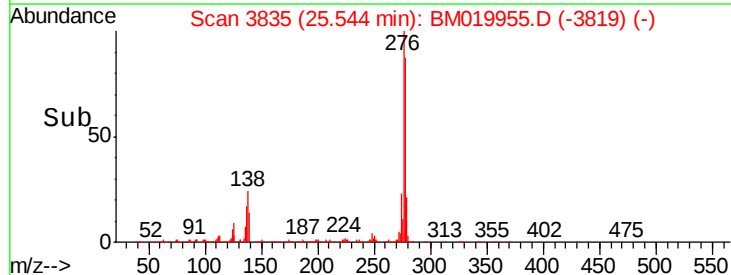
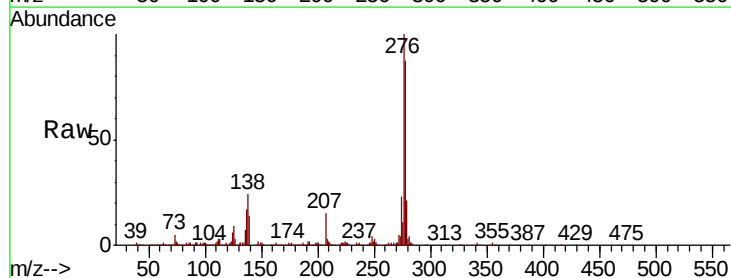
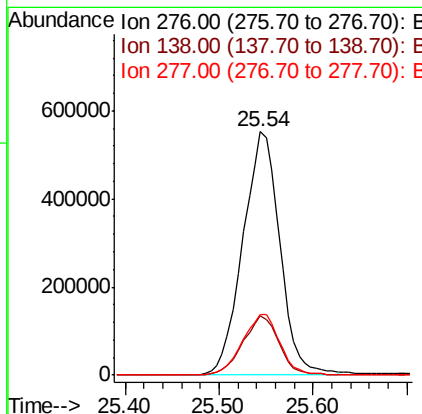
RT: 25.54 min Scan# 3835

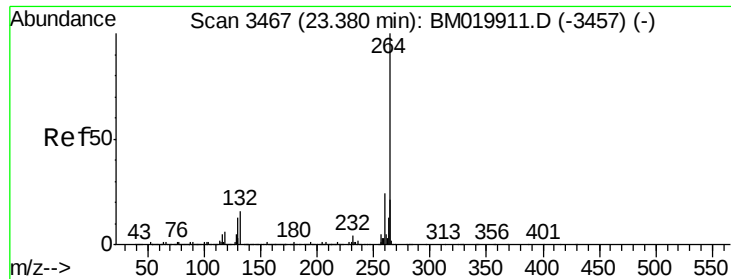
Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:	276	Resp:	1506190
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.0	28.6
277	25.2	20.3	30.5





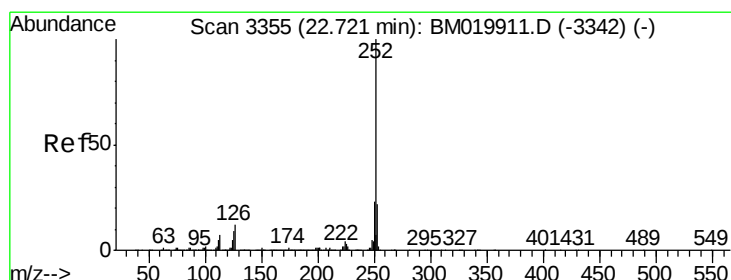
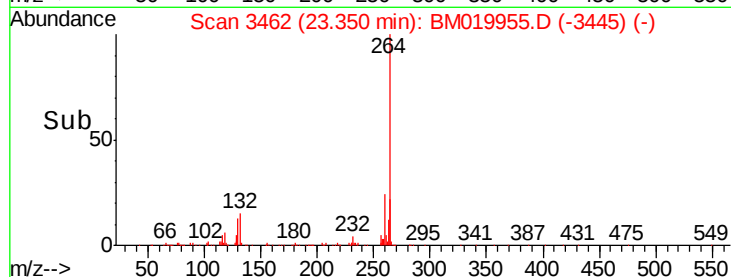
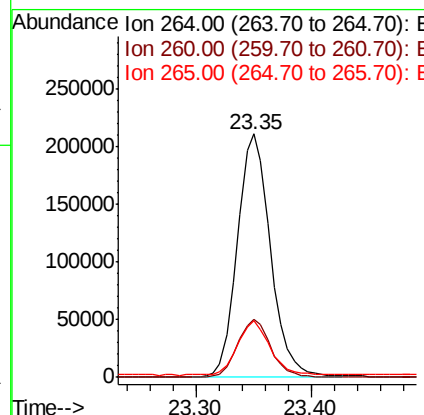
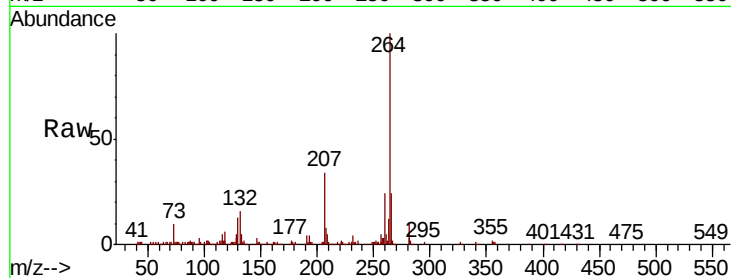
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB118968BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.6	17.2	25.8

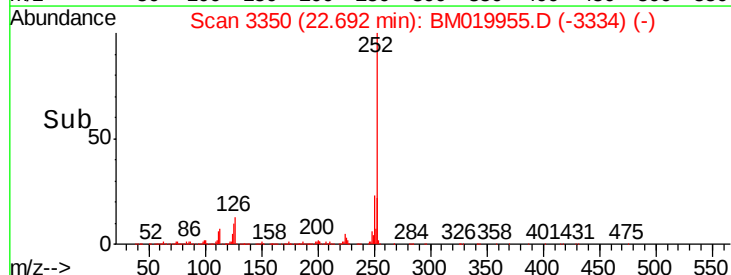
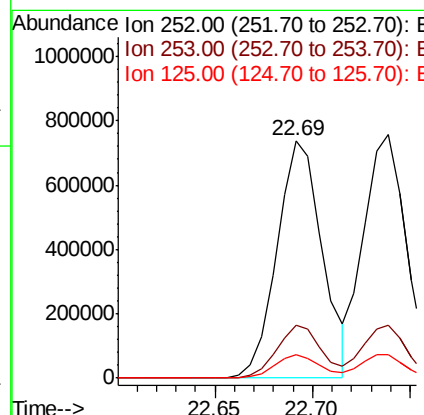
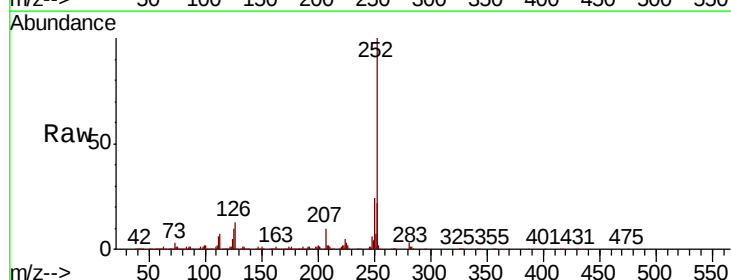
Manual Integrations
APPROVED

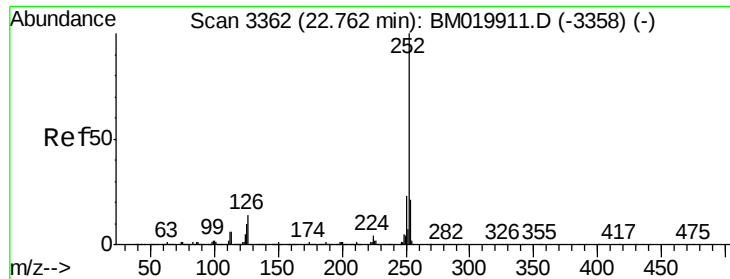
Sohil
4/22/2019 2:52:52 AM



#88
Benzo(b)fluoranthene
Concen: 42.264 ng
RT: 22.69 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.0	7.6	11.4





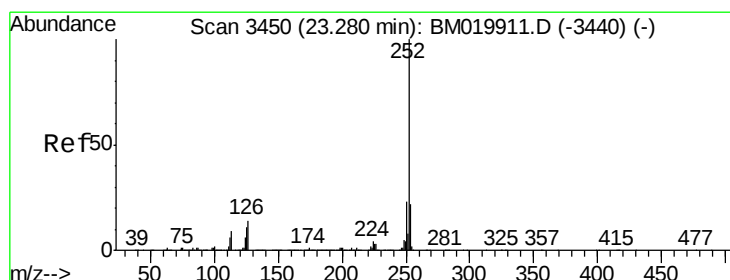
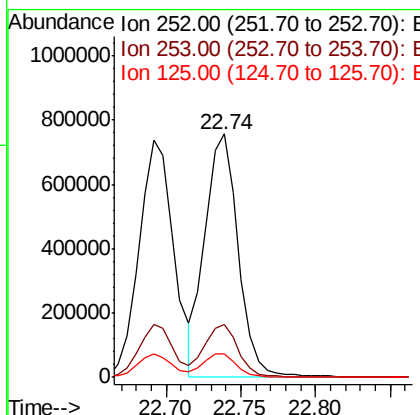
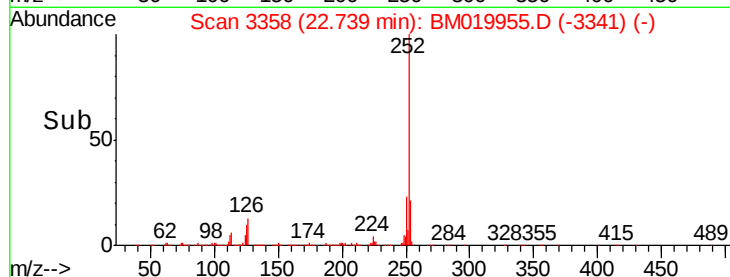
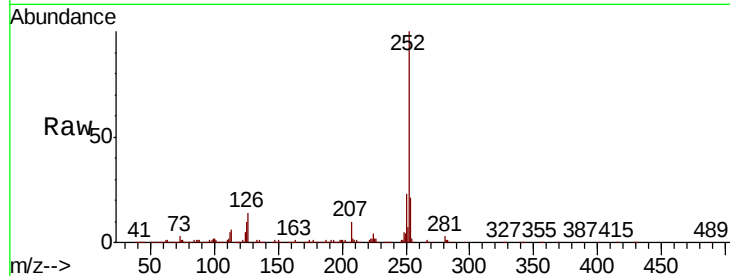
#89
Benzo(k)fluoranthene
Concen: 44.364 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Tot Ion:252 Resp: 1167318
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.8 8.2 12.4

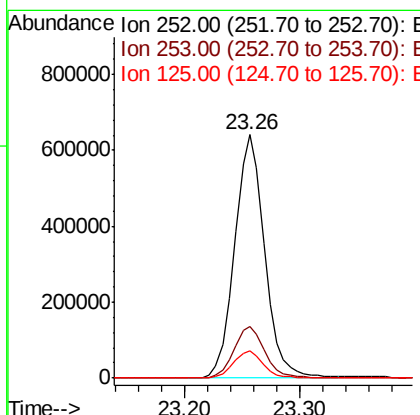
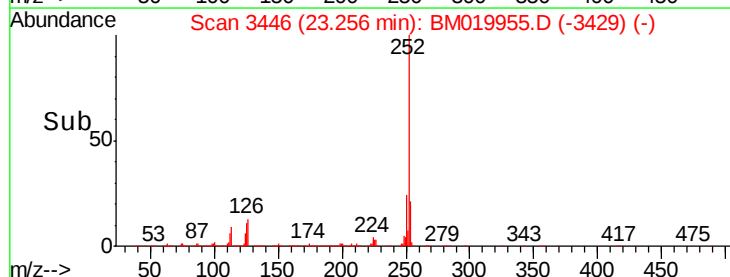
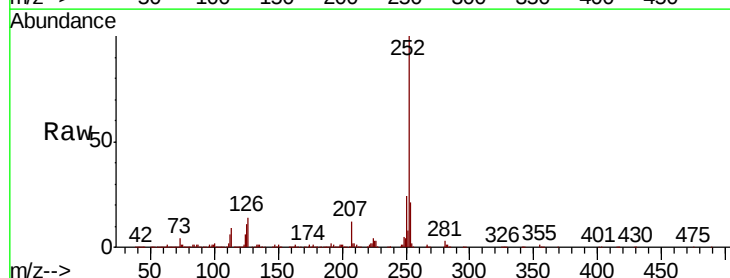
Manual Integrations
APPROVED

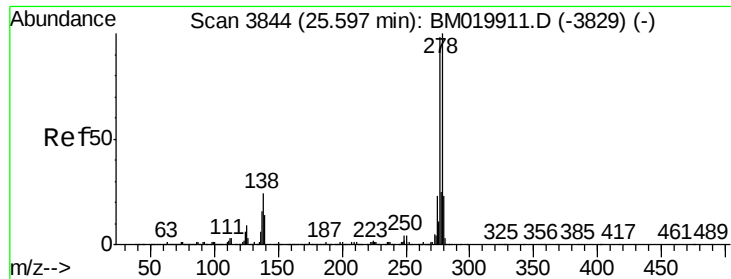
Sohil
4/22/2019 2:52:52 AM



#90
Benzo(a)pyrene
Concen: 46.393 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:252 Resp: 1148905
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 11.0 9.1 13.7





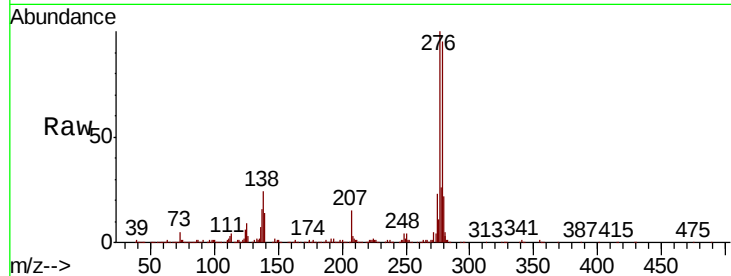
#91
Dibenzo(a,h)anthracene
Concen: 53.809 ng
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118968BS

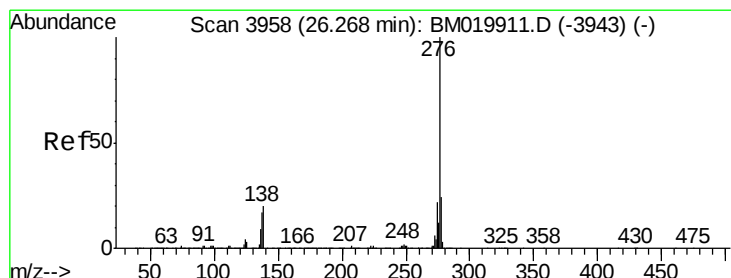
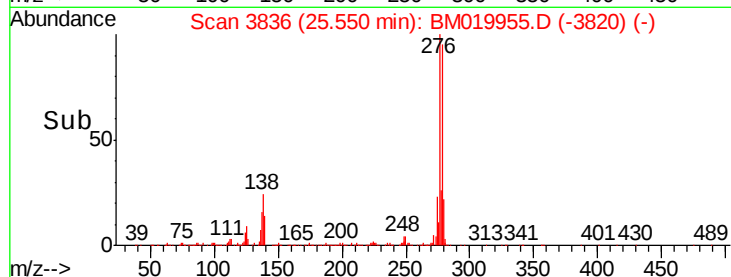
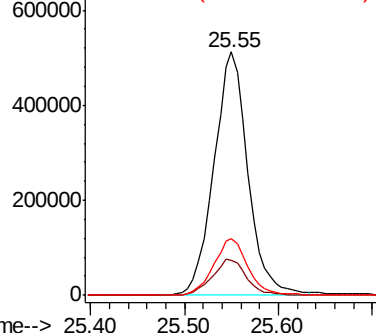
Tot Ion:278 Resp: 1284765
Ion Ratio Lower Upper
278 100
139 14.5 11.6 17.4
279 23.3 18.4 27.6

Manual Integrations
APPROVED

Sohil
4/22/2019 2:52:52 AM

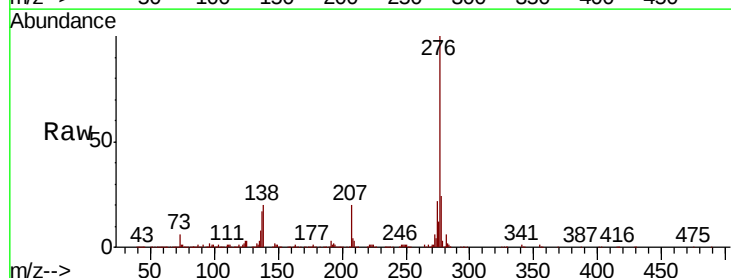


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.336 ng
RT: 26.22 min Scan# 3950
Delta R.T. -0.01 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:276 Resp: 1239929
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 19.6 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

