

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019988.D
 Acq On : 20 Apr 2019 01:12
 Operator : JU/SJ
 Sample : PB119069BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Manual Integrations
 APPROVED

Sohil
 4/23/2019 8:19:19 AM

Quant Time: Apr 20 02:39:11 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	7.50	152	149709	20.00	ng	0.00
21) Naphthalene-d8	10.28	136	668872	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	393587	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	884495	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1079592	20.00	ng	0.00
87) Perylene-d12	23.34	264	852567	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1458826	157.92	ng	0.00
7) Phenol-d6	6.71	99	2011008	144.65	ng	0.00
23) Nitrobenzene-d5	8.68	82	1130733	75.60	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	866509	136.77	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	2351476	74.46	ng	0.00
79) Terphenyl-d14	19.59	244	4198277	68.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	182578	45.801	ng	98
3) Pyridine	3.49	79	345240	30.925	ng	98
4) n-Nitrosodimethylamine	3.42	42	148580	41.315	ng	# 92
6) Aniline	6.86	93	553606	30.831	ng	98
8) 2-Chlorophenol	7.08	128	521171	45.361	ng	97
9) Benzaldehyde	6.69	77	99506	9.791	ng	98
10) Phenol	6.74	94	702840	46.272	ng	97
11) bis(2-Chloroethyl)ether	6.96	93	444782	40.022	ng	100
12) 1,3-Dichlorobenzene	7.39	146	471362	39.079	ng	99
13) 1,4-Dichlorobenzene	7.54	146	496147	40.542	ng	99
14) 1,2-Dichlorobenzene	7.85	146	486448	40.089	ng	98
15) Benzyl Alcohol	7.77	79	525668	41.592	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.04	45	407874	38.500	ng	99
17) 2-Methylphenol	7.97	107	447476	44.512	ng	99
18) Hexachloroethane	8.55	117	186238	39.150	ng	100
19) n-Nitroso-di-n-propylamine	8.32	70	453048	37.072	ng	99
20) 3+4-Methylphenols	8.30	107	597652	43.277	ng	98
22) Acetophenone	8.35	105	769688	42.249	ng	99
24) Nitrobenzene	8.72	77	646800	41.746	ng	98
25) Isophorone	9.24	82	1138405	39.101	ng	100
26) 2-Nitrophenol	9.42	139	269626	40.836	ng	98
27) 2,4-Dimethylphenol	9.49	122	468345	50.168	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	657688	40.341	ng	99
29) 2,4-Dichlorophenol	9.96	162	475722	44.868	ng	98
30) 1,2,4-Trichlorobenzene	10.15	180	481726	42.213	ng	99
31) Naphthalene	10.33	128	1491109	41.562	ng	99
32) Benzoic acid	9.71	122	333371	38.975	ng	96
33) 4-Chloroaniline	10.48	127	349127	23.622	ng	100
34) Hexachlorobutadiene	10.59	225	266989	39.669	ng	97
35) Caprolactam	11.32	113	153418m	38.227	ng	
36) 4-Chloro-3-methylphenol	11.62	107	548975	41.670	ng	100
37) 2-Methylnaphthalene	11.96	142	1092756	41.837	ng	99
38) 1-Methylnaphthalene	12.18	142	1051064	40.756	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	513636	42.303	ng	100

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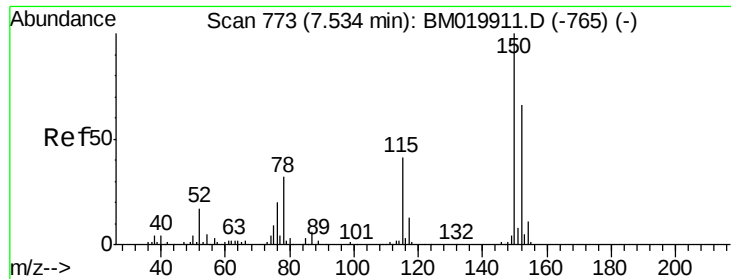
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	233681	58.099	ng	96
43) 2,4,6-Trichlorophenol	12.60	196	375300	45.591	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	398280	46.486	ng	98
46) 1,1'-Biphenyl	13.00	154	1420798	41.678	ng	100
47) 2-Chloronaphthalene	13.04	162	1103678	42.445	ng	100
48) 2-Nitroaniline	13.29	65	399275	42.600	ng	97
49) Acenaphthylene	13.90	152	1820003	40.228	ng	99
50) Dimethylphthalate	13.65	163	1421525	40.946	ng	99
51) 2,6-Dinitrotoluene	13.79	165	310371	40.429	ng	91
52) Acenaphthene	14.24	154	1044071	41.621	ng	99
53) 3-Nitroaniline	14.13	138	239224	31.208	ng	98
54) 2,4-Dinitrophenol	14.36	184	279298	62.708	ng	96
55) Dibenzofuran	14.58	168	1706103	41.591	ng	99
56) 4-Nitrophenol	14.47	139	480123	79.423	ng	96
57) 2,4-Dinitrotoluene	14.60	165	452635	41.018	ng	98
58) Fluorene	15.24	166	1441136	41.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	345492	44.195	ng	99
60) Diethylphthalate	15.02	149	1479036	40.963	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	702245	41.962	ng	98
62) 4-Nitroaniline	15.32	138	293747	38.894	ng	97
63) Azobenzene	15.53	77	1608520	41.681	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	189600	33.597	ng	95
66) n-Nitrosodiphenylamine	15.46	169	1192189	41.229	ng	100
67) 4-Bromophenyl-phenylether	16.13	248	409585	40.277	ng	94
68) Hexachlorobenzene	16.24	284	493988	40.485	ng	97
69) Atrazine	16.43	200	392959	40.031	ng	99
70) Pentachlorophenol	16.60	266	553977	88.857	ng	99
71) Phenanthrene	16.99	178	2166482	41.275	ng	99
72) Anthracene	17.08	178	2201830	42.141	ng	99
73) Carbazole	17.37	167	2047493	41.972	ng	99
74) Di-n-butylphthalate	17.91	149	2625690	40.985	ng	99
75) Fluoranthene	19.02	202	2595160	42.963	ng	99
77) Benzidine	19.23	184	825667	27.719	ng	99
78) Pyrene	19.39	202	2711973	37.933	ng	100
80) Butylbenzylphthalate	20.29	149	1345710	38.824	ng	97
81) Benzo(a)anthracene	21.14	228	2720891	39.785	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	975857	38.352	ng	98
83) Chrysene	21.20	228	2642587	40.292	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1955978	37.905	ng	99
85) Di-n-octyl phthalate	21.93	149	3496530	41.759	ng	100
86) Indeno(1,2,3-cd)pyrene	25.55	276	2869556	44.476	ng	100
88) Benzo(b)fluoranthene	22.69	252	2905760	51.328	ng	99
89) Benzo(k)fluoranthene	22.74	252	2793380	52.412	ng	99
90) Benzo(a)pyrene	23.26	252	2620607	52.244	ng	98
91) Dibenzo(a,h)anthracene	25.55	278	2513675	51.976	ng	98
92) Benzo(g,h,i)perylene	26.21	276	2211538	50.488	ng	100

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



#1

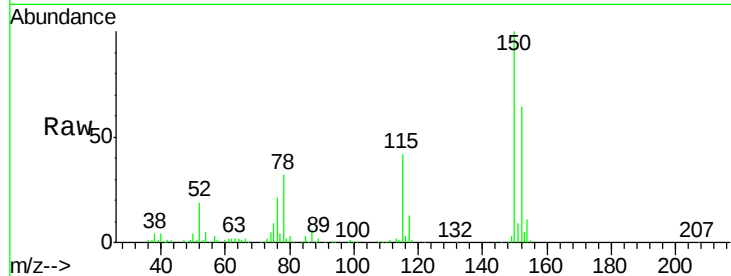
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

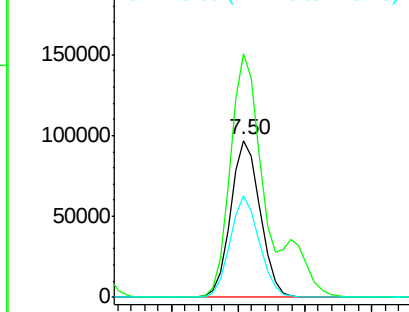
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.1	183.1
115	64.8	50.0	75.0

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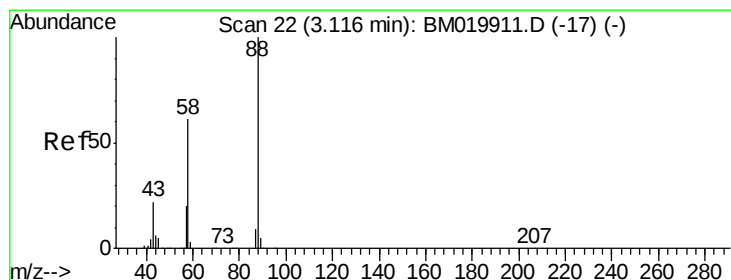
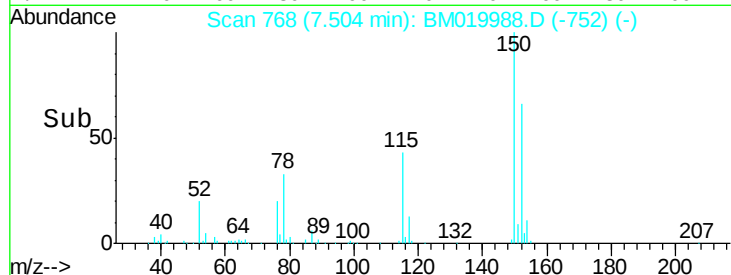
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



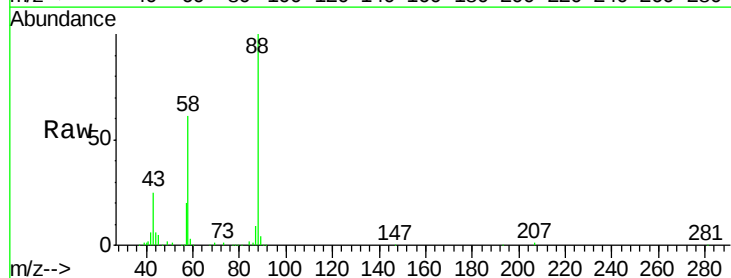
Time-->



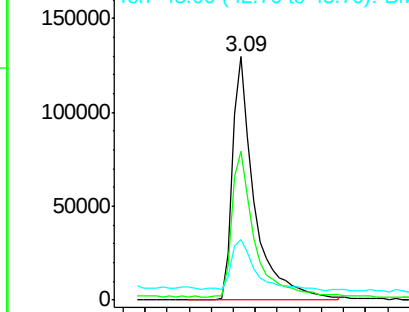
#2

1,4-Dioxane
Concen: 45.801 ng
RT: 3.09 min Scan# 17
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

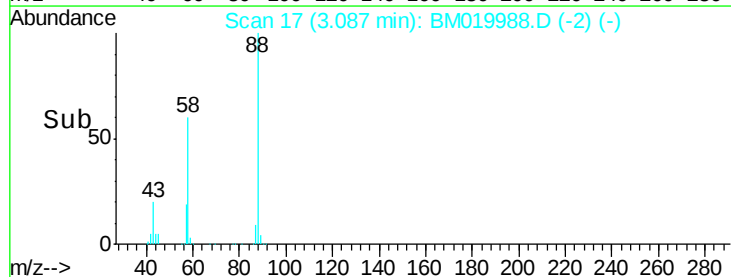
Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	49.6	74.4
43	22.8	18.6	27.8

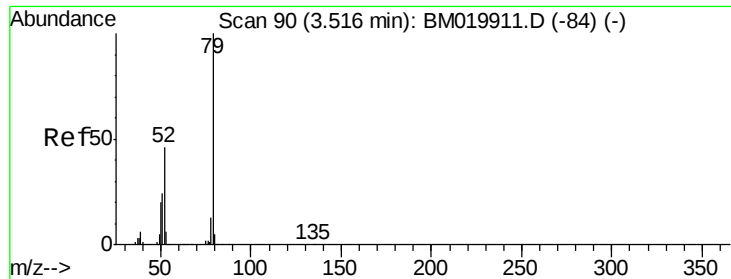


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->





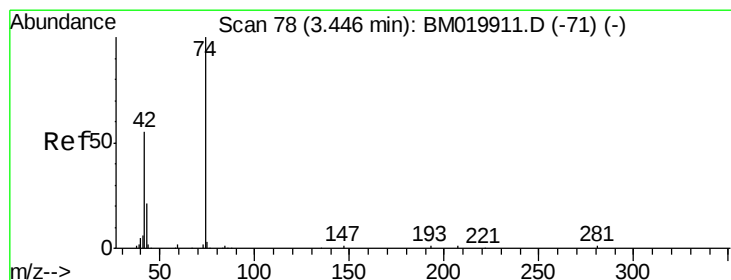
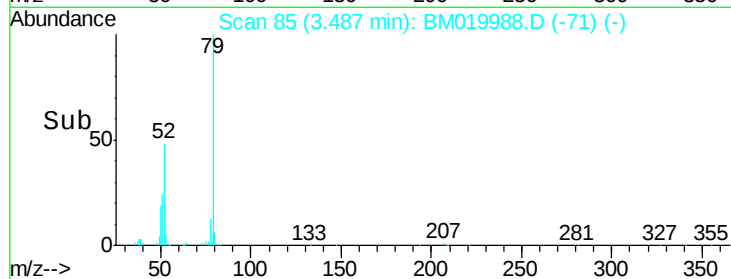
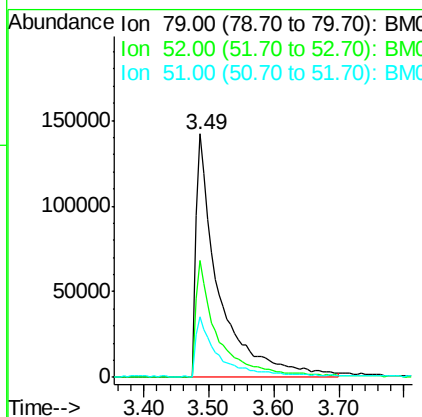
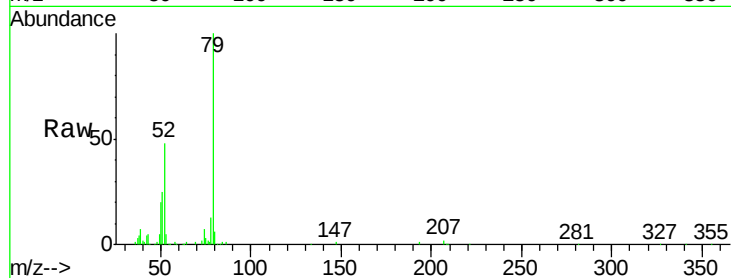
#3
Pyridine
Concen: 30.925 ng
RT: 3.49 min Scan# 85
Delta R.T. -0.02 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
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ClientSampleId :
PB119069BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	47.8	36.9	55.3
51	24.9	20.0	30.0

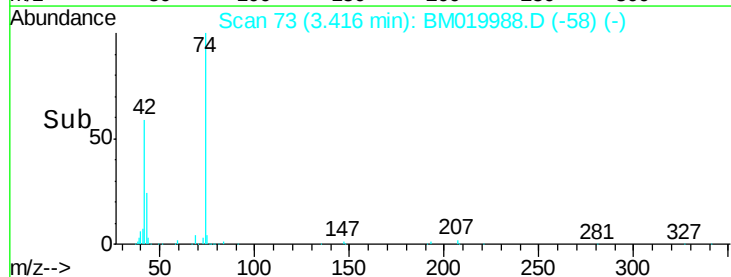
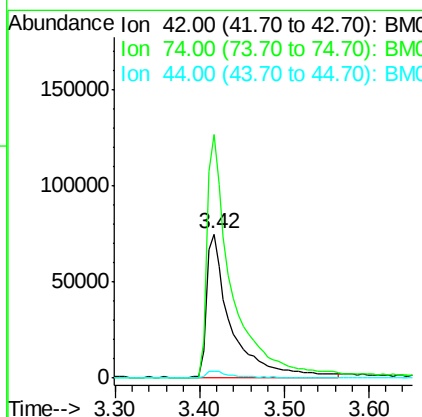
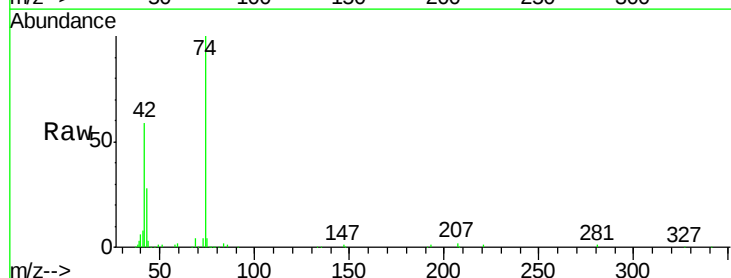
Manual Integrations
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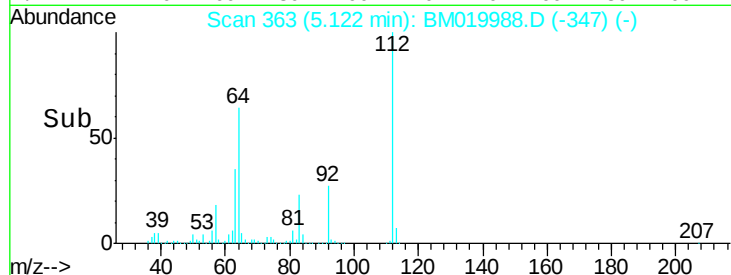
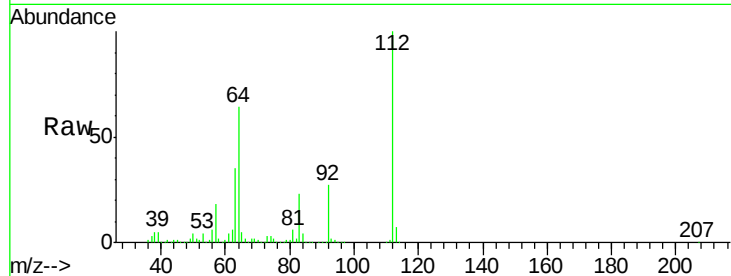
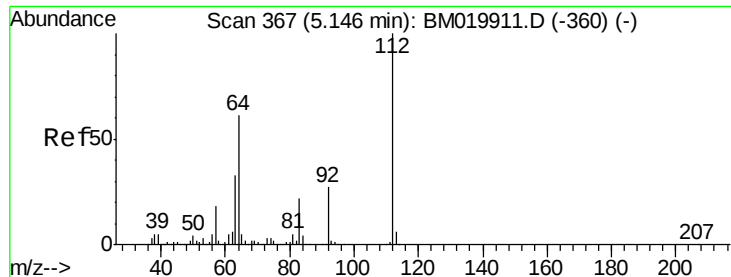
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#4
n-Nitrosodimethylamine
Concen: 41.315 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.1	144.6	217.0
44	5.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 157.923 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	112	Resp:	1458826
Ion	Ratio	Lower	Upper
112	100		
64	64.3	49.1	73.7
63	35.0	26.5	39.7

Instrument :

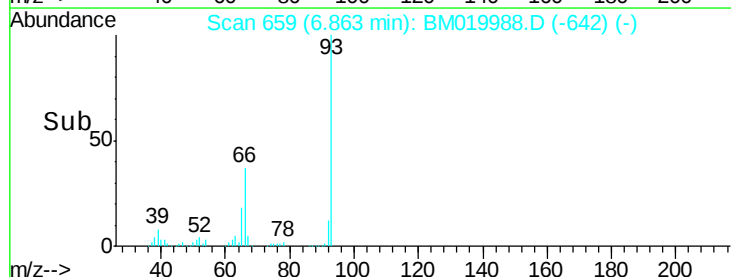
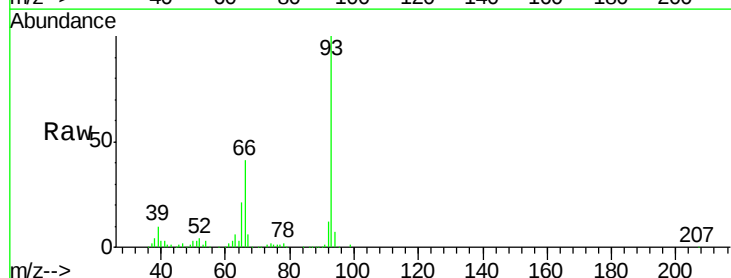
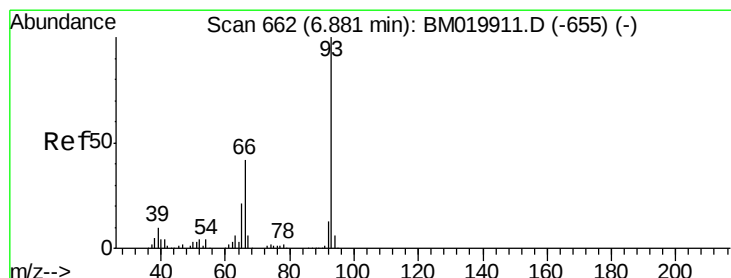
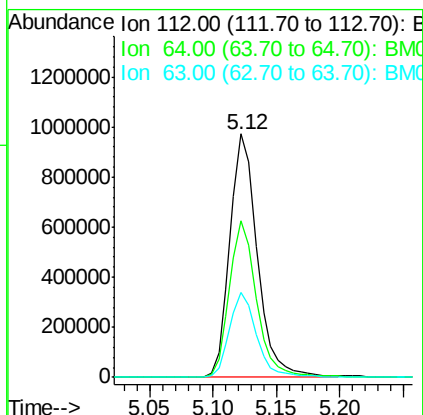
BNA_M

ClientSampleId :

PB119069BS

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#6

Aniline

Concen: 30.831 ng

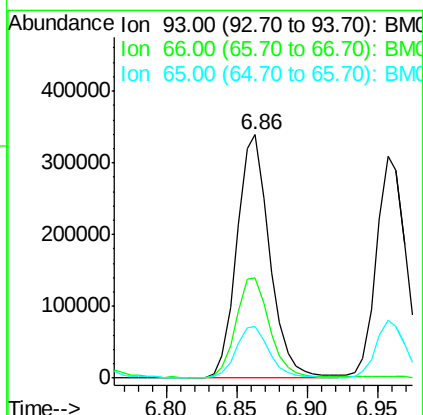
RT: 6.86 min Scan# 659

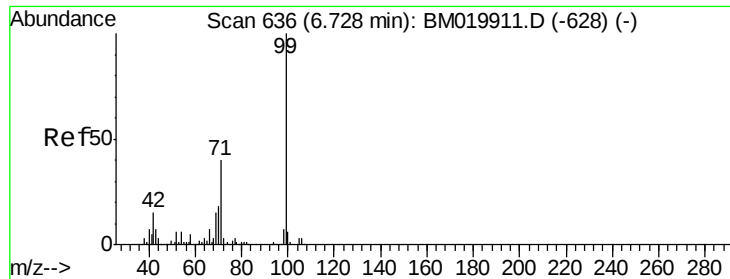
Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	93	Resp:	553606
Ion	Ratio	Lower	Upper
93	100		
66	40.9	33.9	50.9
65	21.1	17.0	25.6





#7

Phenol-d6

Concen: 144.651 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

PB119069BS

Tgt Ion: 99 Resp: 2011008

Ion Ratio Lower Upper

99 100

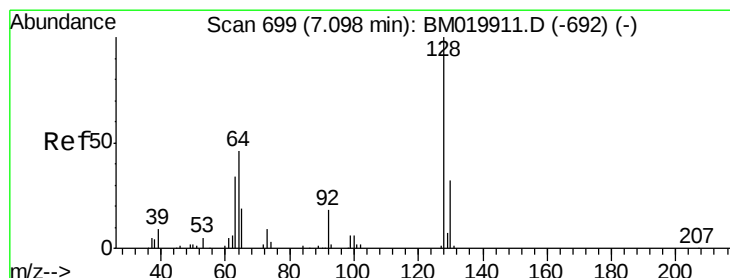
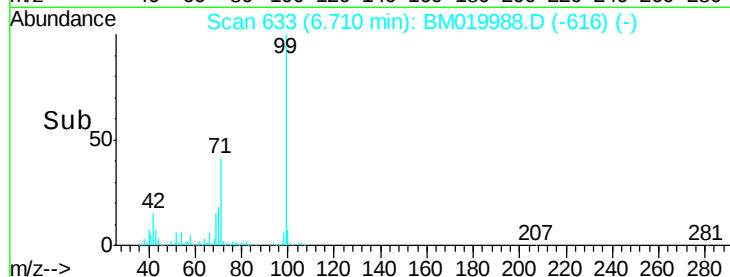
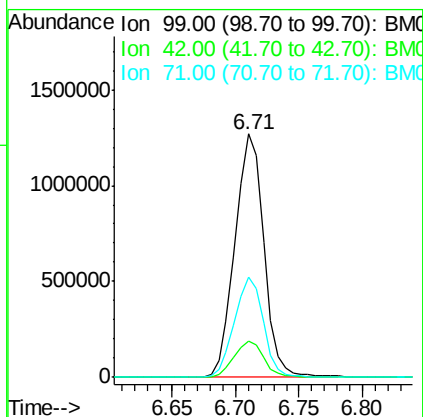
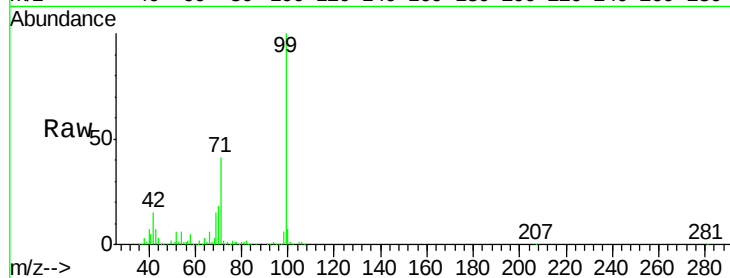
42 15.0 11.8 17.8

71 41.1 32.0 48.0

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#8

2-Chlorophenol

Concen: 45.361 ng

RT: 7.08 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

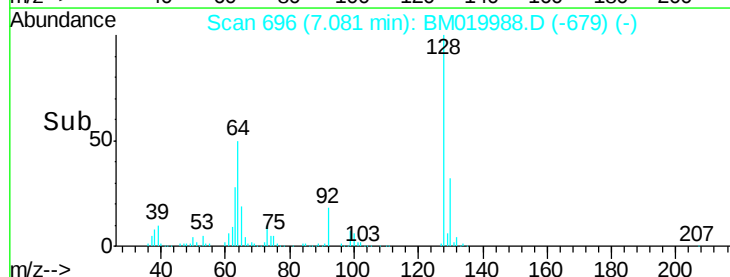
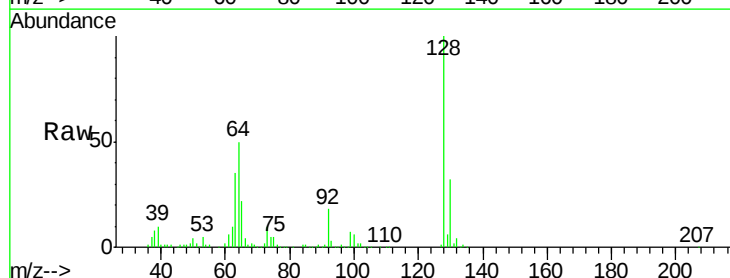
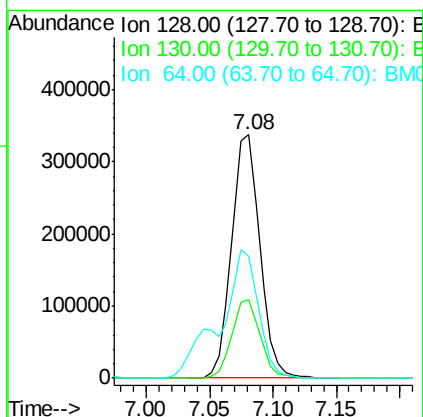
Tgt Ion: 128 Resp: 521171

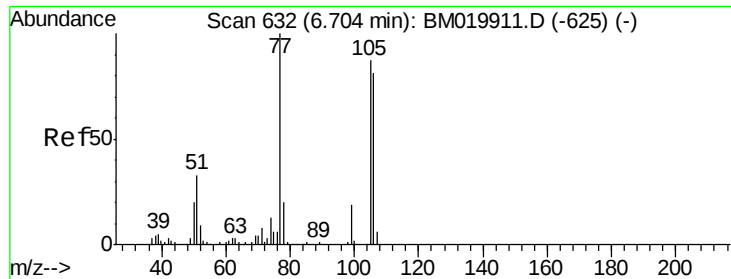
Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 50.2 33.0 73.0





#9

Benzaldehyde

Concen: 9.791 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

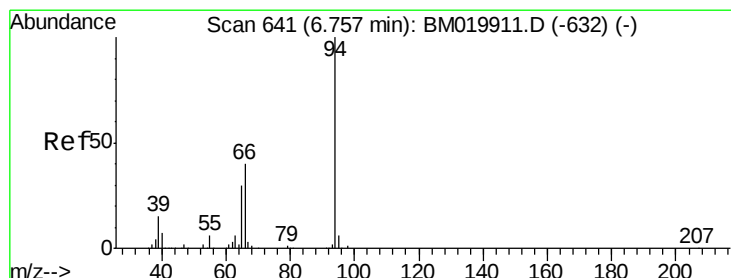
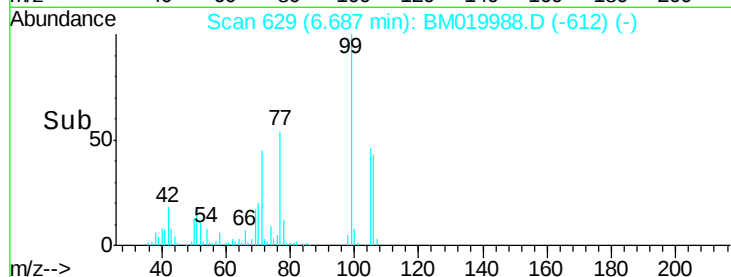
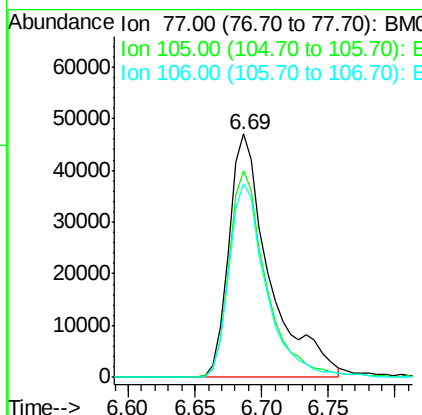
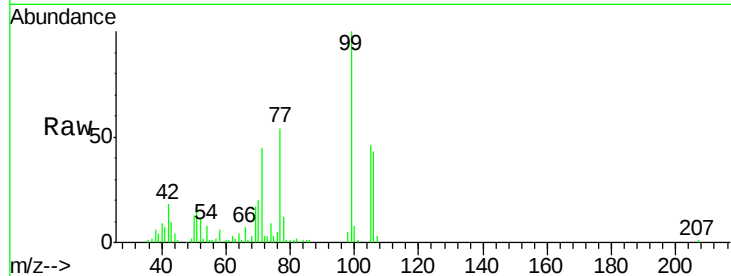
ClientSampleId :

PB119069BS

Tgt Ion:	77	Resp:	99506
Ion	Ratio	Lower	Upper
77	100		
105	85.0	67.3	107.3
106	79.5	60.6	100.6

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#10

Phenol

Concen: 46.272 ng

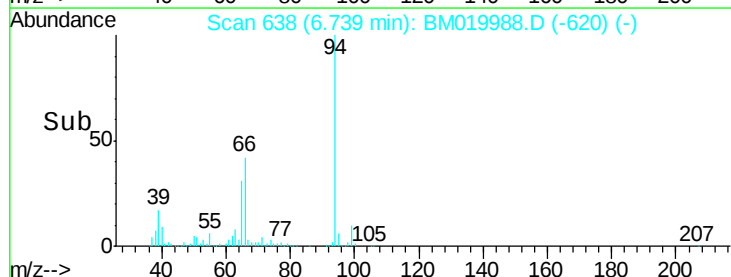
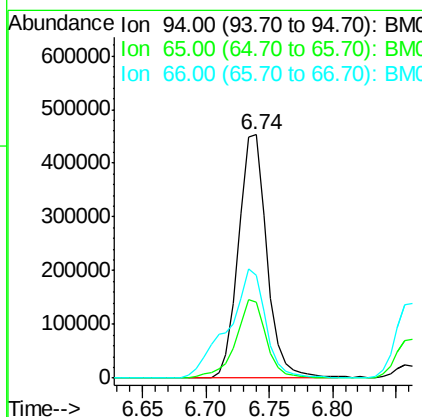
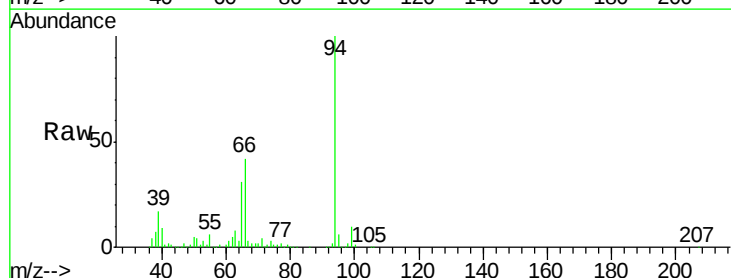
RT: 6.74 min Scan# 638

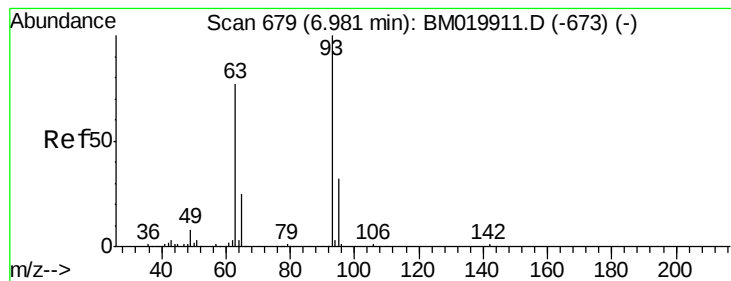
Delta R.T. 0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	94	Resp:	702840
Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.0	50.0
66	42.2	20.2	60.2





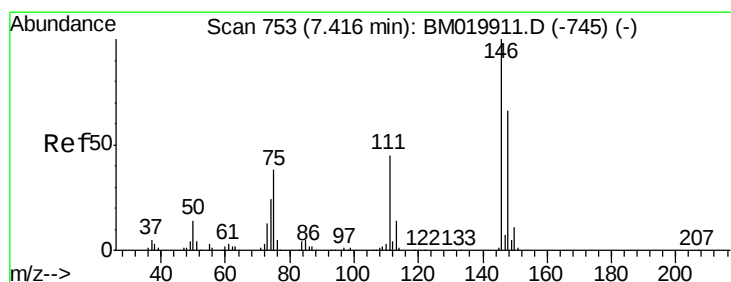
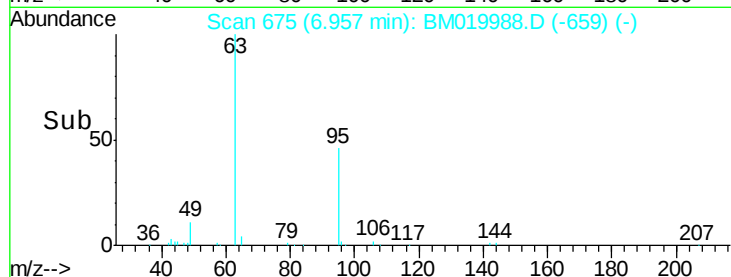
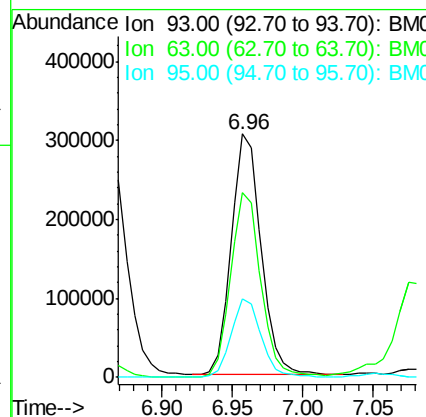
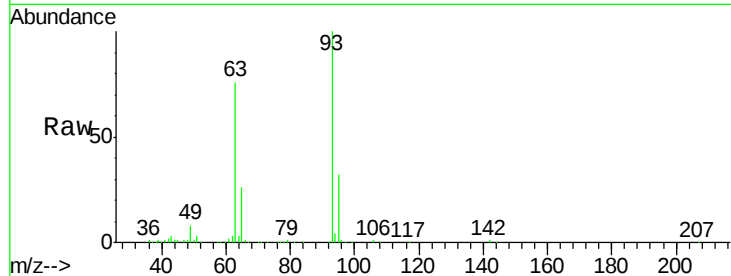
#11
bis(2-Chloroethyl)ether
Concen: 40.022 ng
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.0	55.8	95.8
95	32.2	11.6	51.6

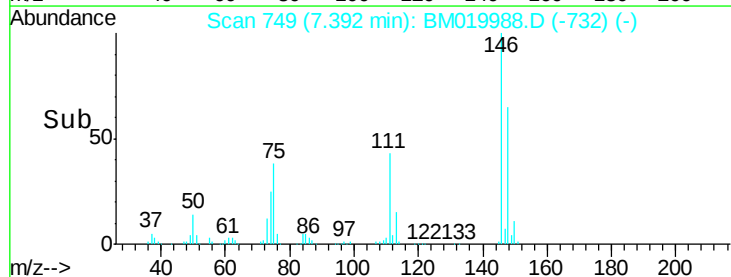
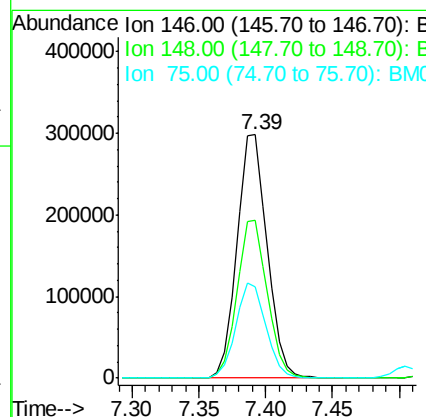
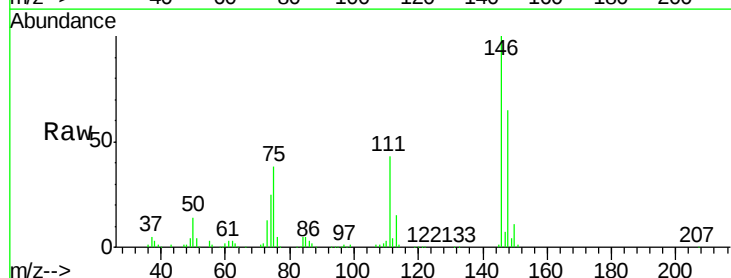
Manual Integrations
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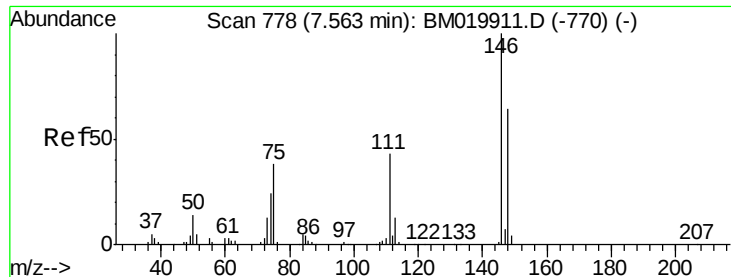
Sohil
4/23/2019 8:19:19 AM



#12
1,3-Dichlorobenzene
Concen: 39.079 ng
RT: 7.39 min Scan# 749
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	78.8
75	37.7	30.0	45.0





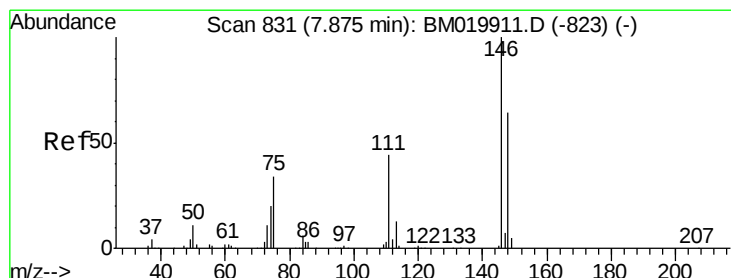
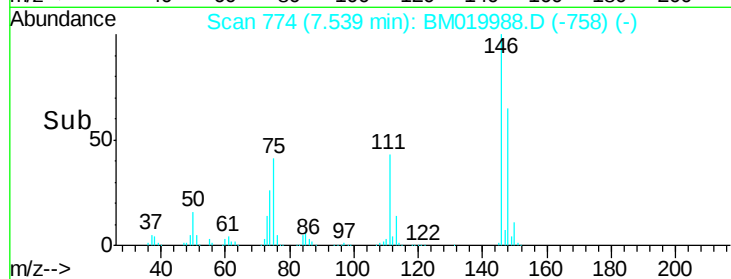
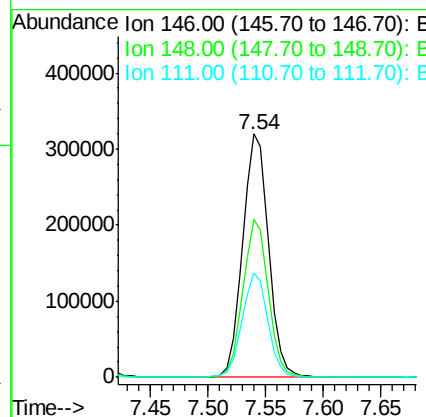
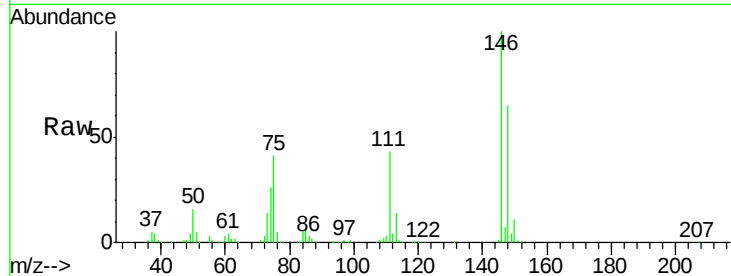
#13
 1,4-Dichlorobenzene
 Concen: 40.542 ng
 RT: 7.54 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	496147		
148	64.8	51.1	76.7	
111	43.0	34.6	51.8	

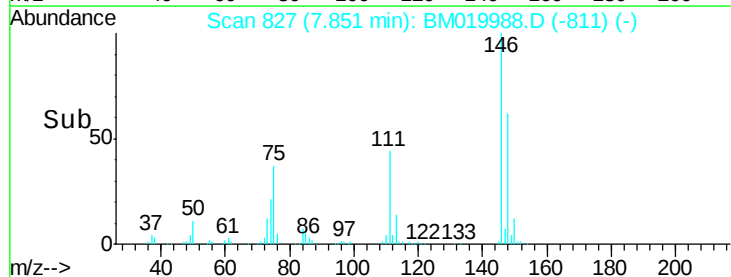
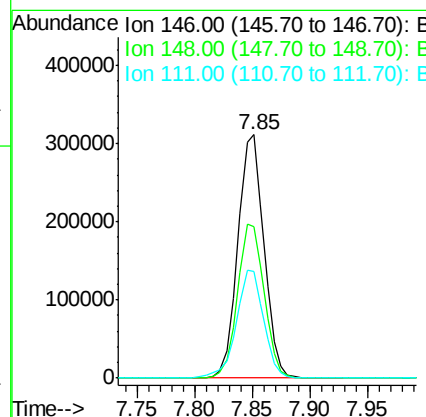
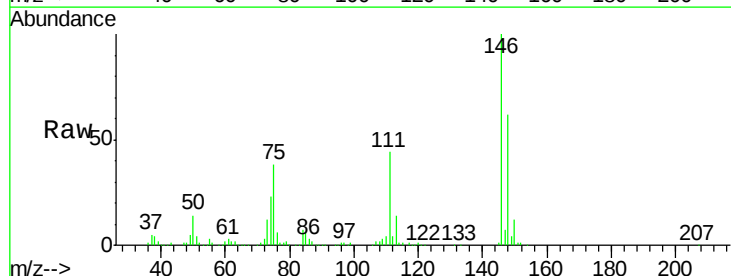
Manual Integrations
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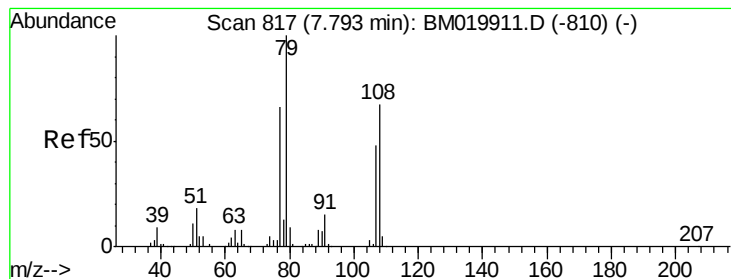
Sohil
 4/23/2019 8:19:19 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.089 ng
 RT: 7.85 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	486448		
148	62.5	51.4	77.2	
111	43.9	35.4	53.0	





#15

Benzyl Alcohol

Concen: 41.592 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

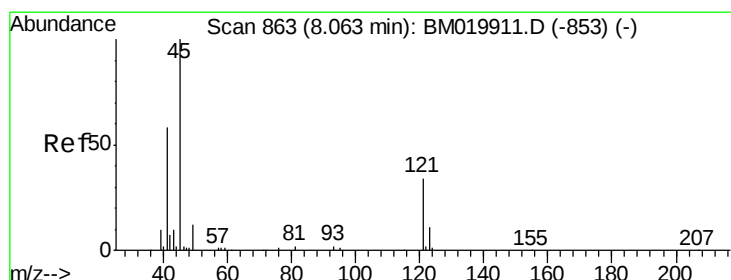
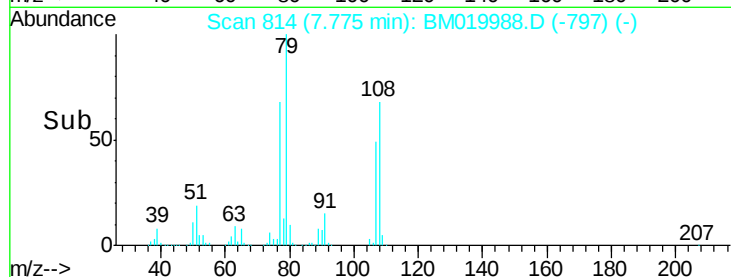
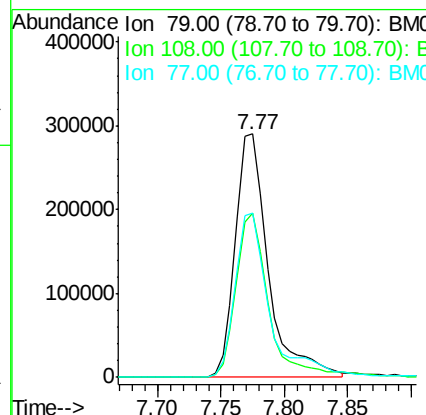
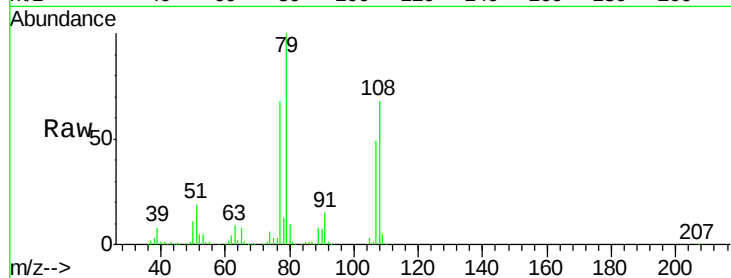
ClientSampleId :

PB119069BS

Tgt Ion:	79	Resp:	525668
Ion Ratio	Lower	Upper	
79	100		
108	67.6	53.9	80.9
77	67.5	53.1	79.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.500 ng

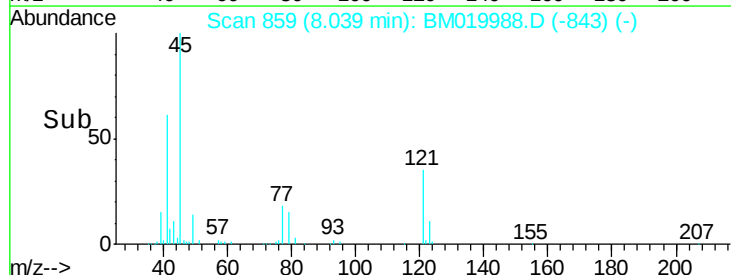
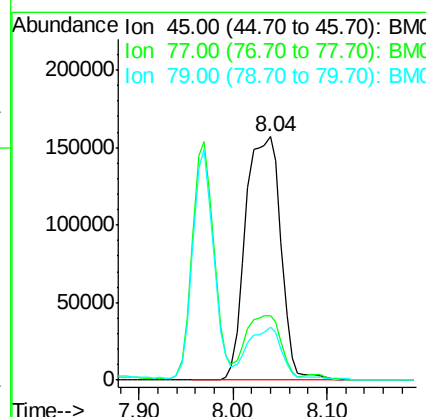
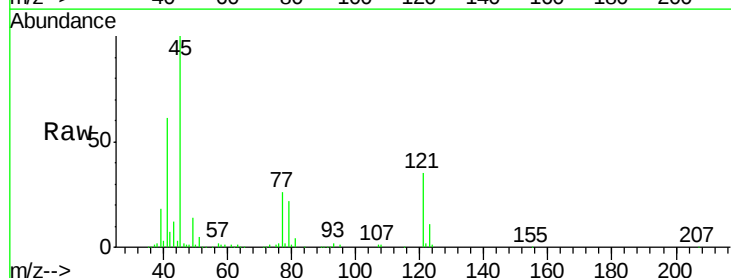
RT: 8.04 min Scan# 859

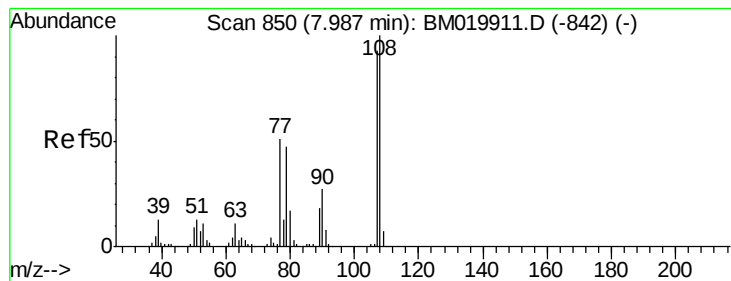
Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	45	Resp:	407874
Ion Ratio	Lower	Upper	
45	100		
77	26.4	7.2	47.2
79	21.5	1.2	41.2





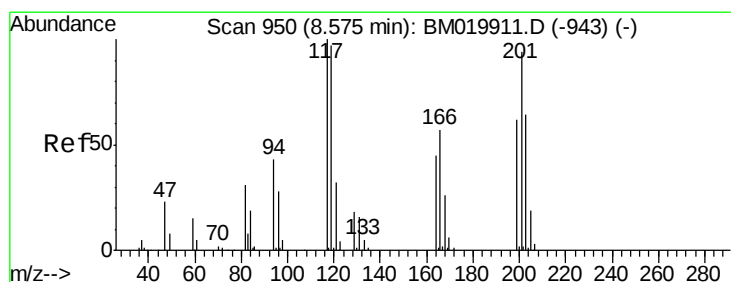
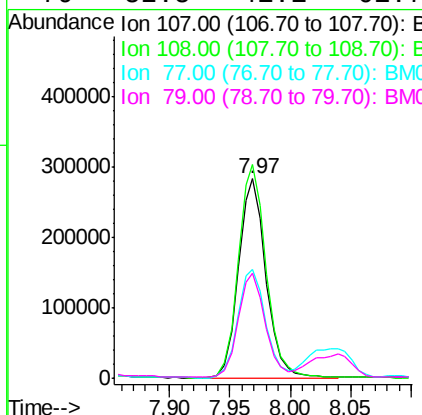
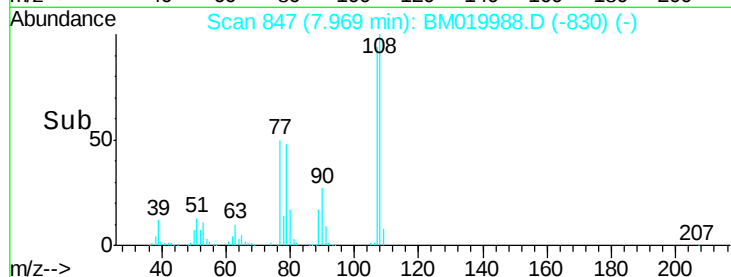
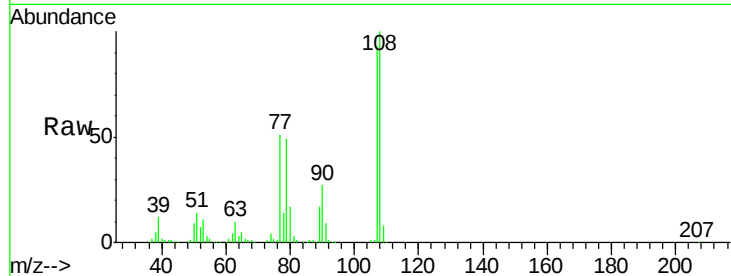
#17
2-Methylphenol
Concen: 44.512 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion:	107	Resp:	447476
Ion Ratio	Lower	Upper	
107	100		
108	107.1	85.9	128.9
77	54.3	43.8	65.6
79	52.5	41.1	61.7

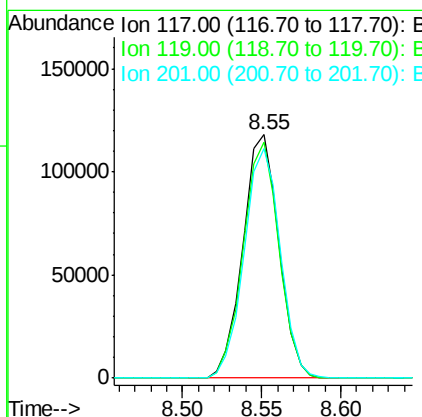
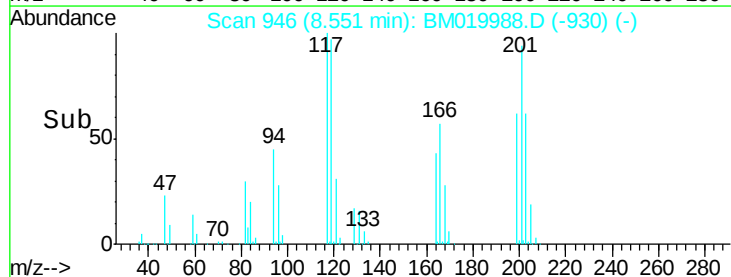
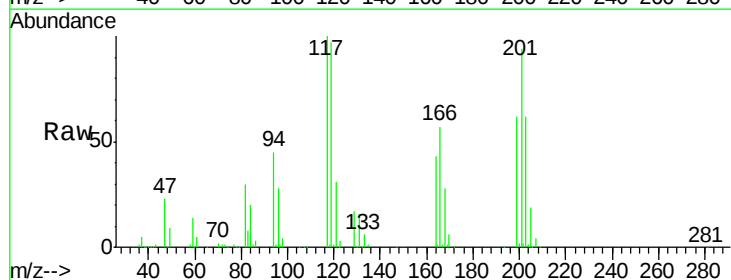
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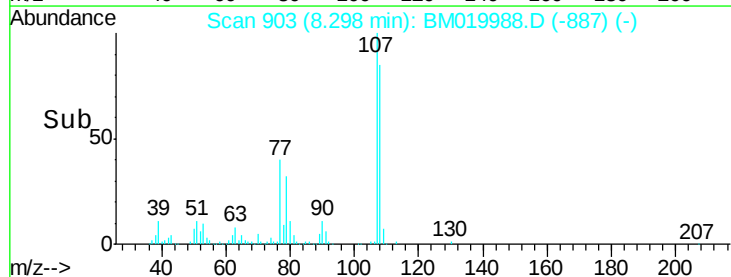
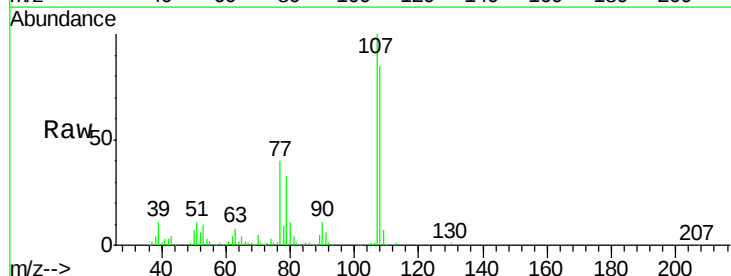
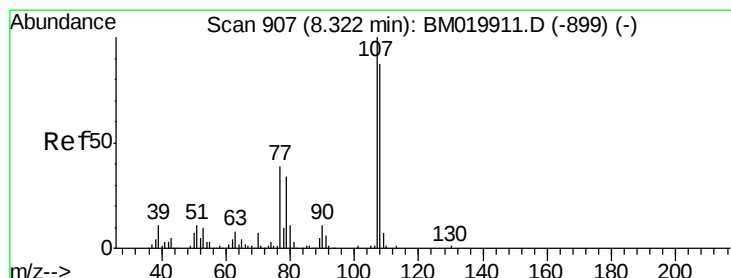
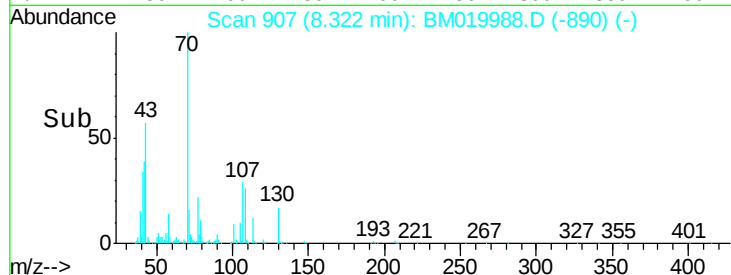
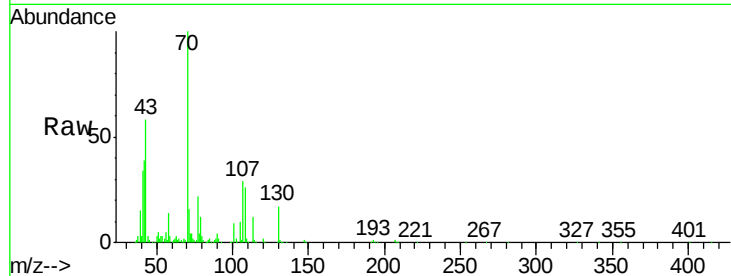
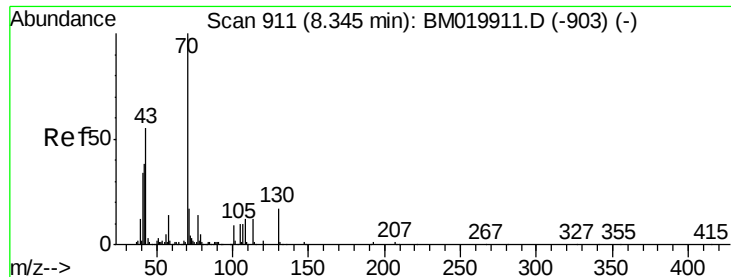
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#18
Hexachloroethane
Concen: 39.150 ng
RT: 8.55 min Scan# 946
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

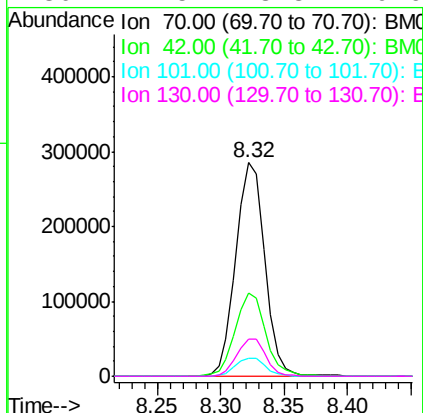
Tgt Ion:	117	Resp:	186238
Ion Ratio	Lower	Upper	
117	100		
119	96.9	77.6	116.4
201	94.0	75.4	113.2





#19
n-Nitroso-di-n-propylamine
Concen: 37.072 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		453048		
42	38.8	30.3	45.5		
101	8.7	6.9	10.3		
130	17.5	13.8	20.6		



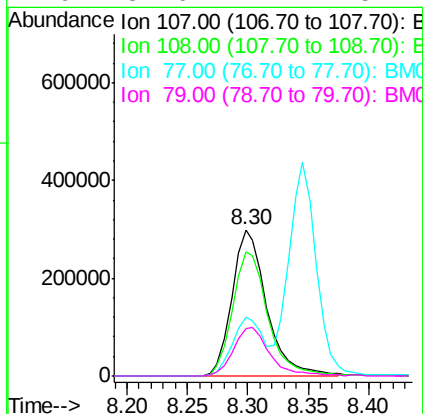
Instrument :
BNA_M
ClientSampleId :
PB119069BS

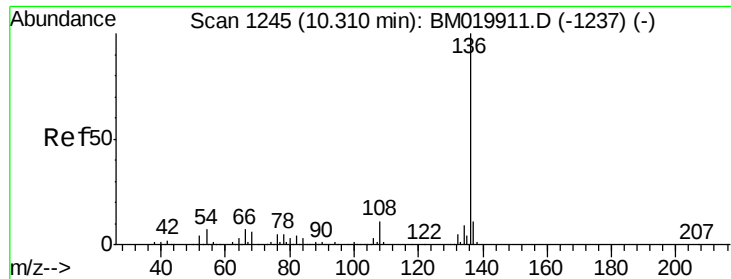
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#20
3+4-Methylphenols
Concen: 43.277 ng
RT: 8.30 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		597652		
108	85.0	67.4	107.4		
77	39.9	19.7	59.7		
79	32.6	14.1	54.1		





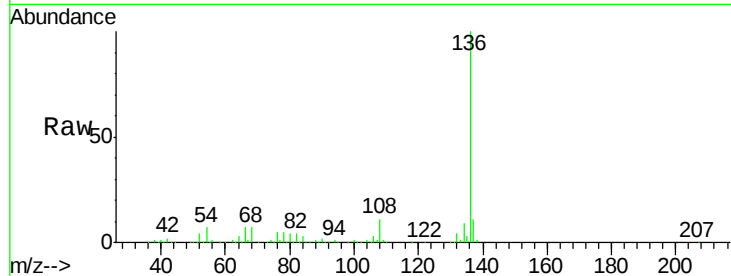
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.28 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

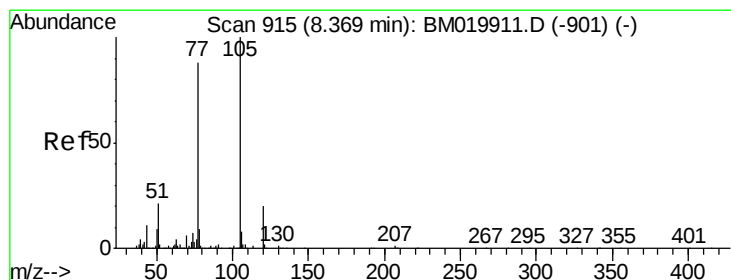
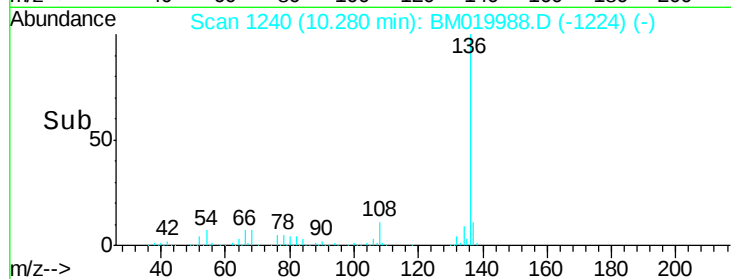
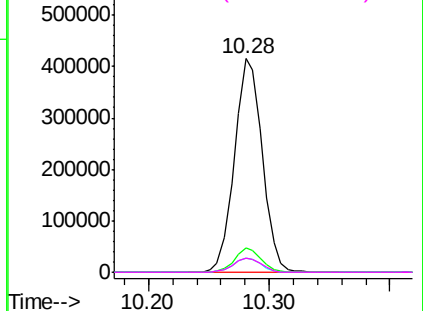
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	668872		
137	11.2	9.0	13.6	
54	6.9	5.3	7.9	
68	6.6	5.2	7.8	

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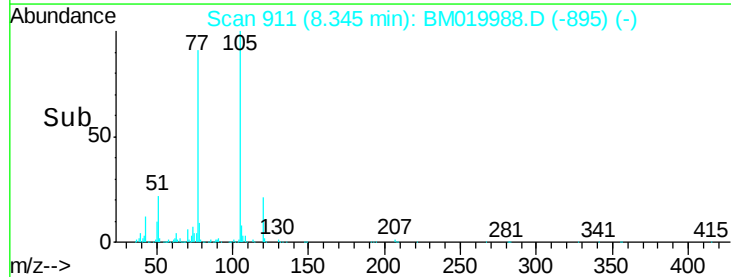
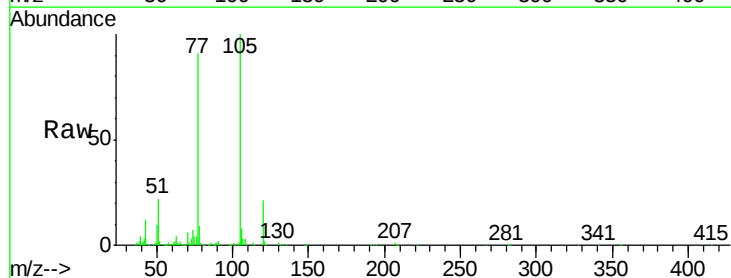
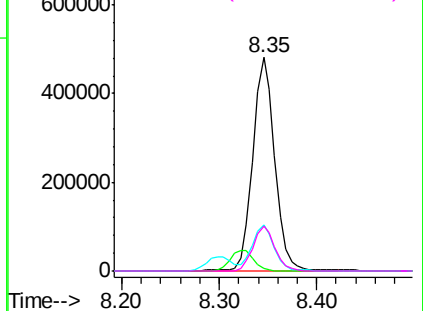
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

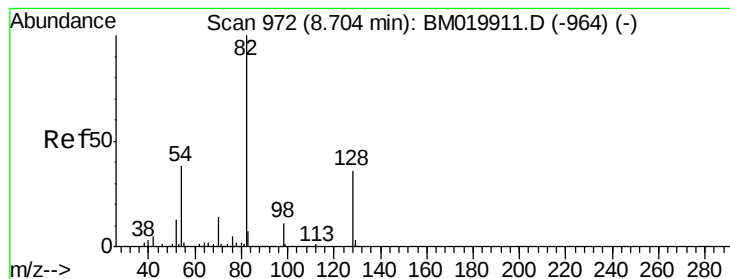


#22
Acetophenone
Concen: 42.249 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	769688		
71	1.0	0.8	1.2	
51	21.6	16.9	25.3	
120	20.7	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: 75.601 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

PB119069BS

Tgt Ion: 82 Resp: 1130733

Ion Ratio Lower Upper

82 100

128 37.0 29.0 43.4

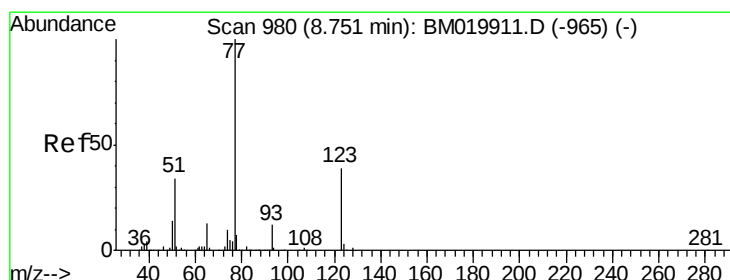
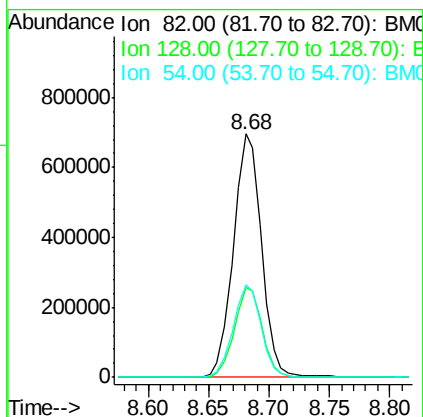
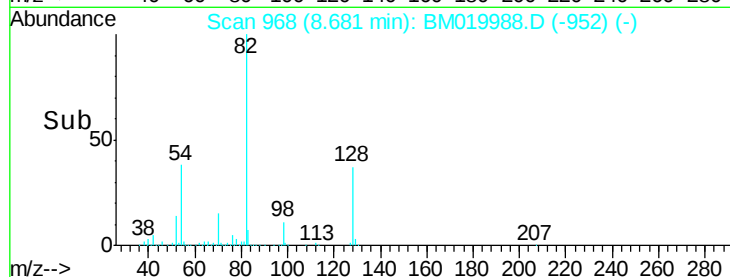
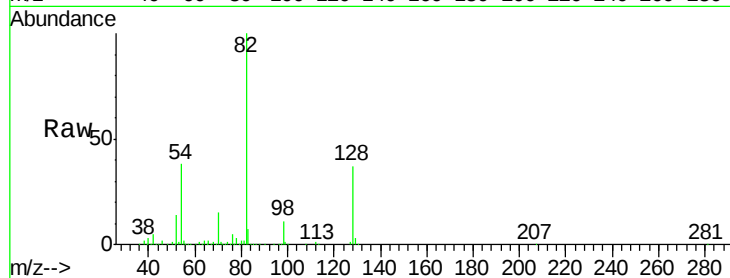
54 38.0 30.2 45.4

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#24

Nitrobenzene

Concen: 41.746 ng

RT: 8.72 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

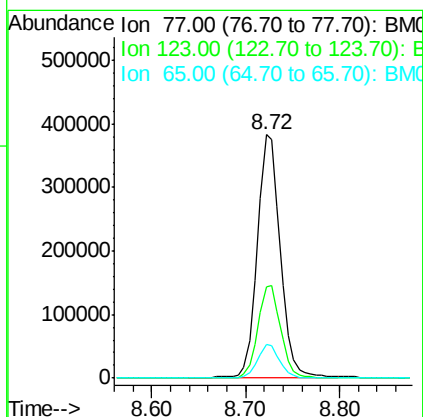
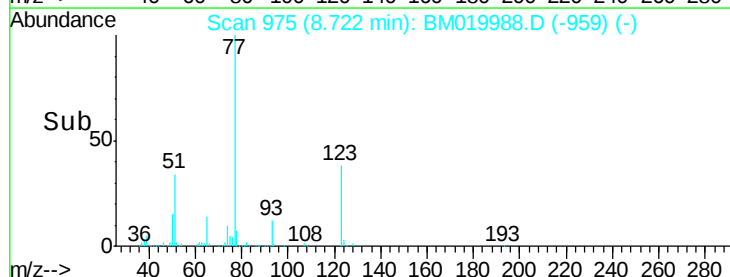
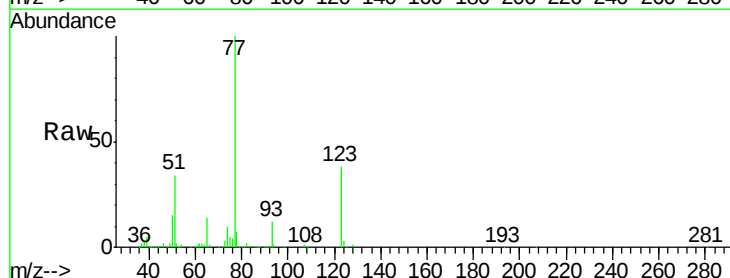
Tgt Ion: 77 Resp: 646800

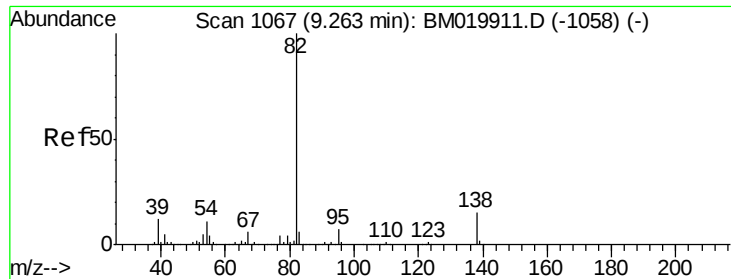
Ion Ratio Lower Upper

77 100

123 37.6 31.0 46.4

65 13.8 10.6 16.0





#25

Isophorone

Concen: 39.101 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

PB119069BS

Tgt Ion: 82 Resp: 1138405

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

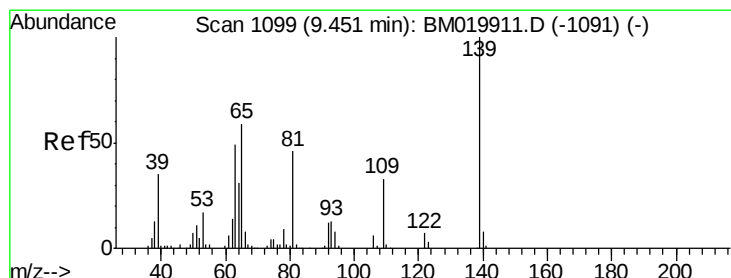
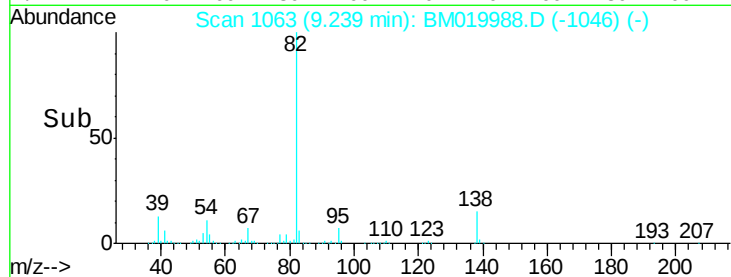
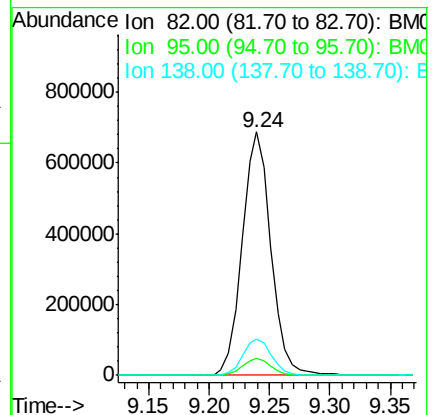
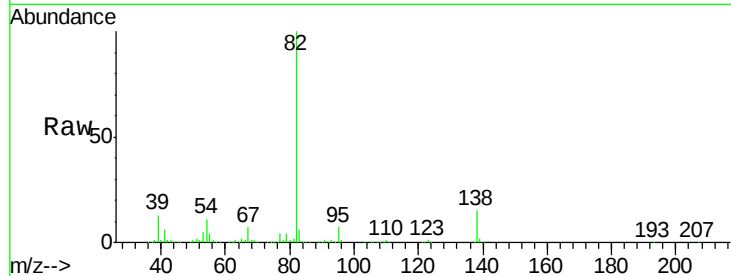
138 15.1 12.2 18.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.836 ng

RT: 9.42 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

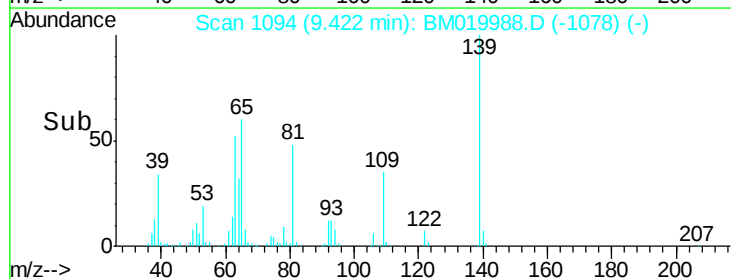
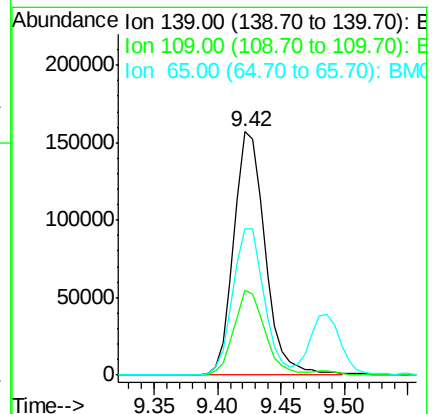
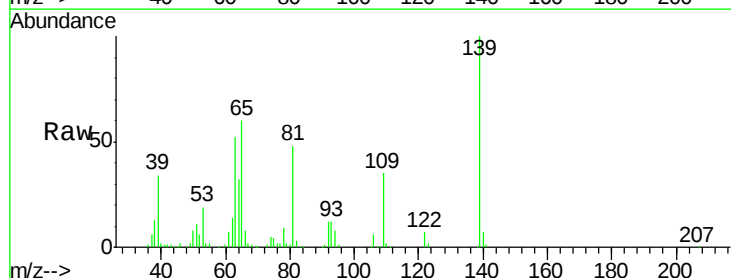
Tgt Ion: 139 Resp: 269626

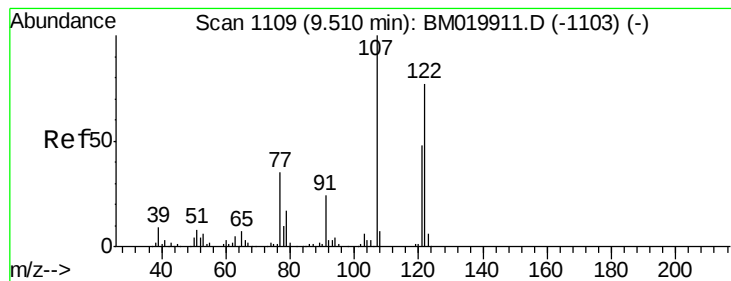
Ion Ratio Lower Upper

139 100

109 34.7 26.3 39.5

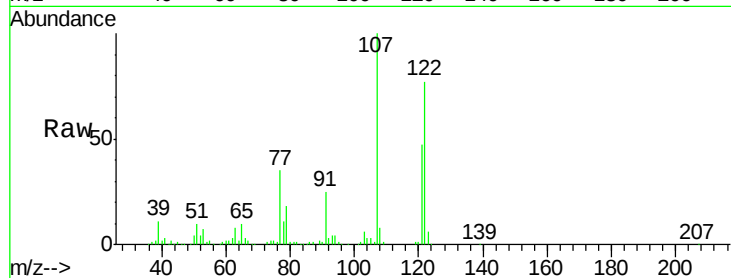
65 60.0 47.4 71.2





#27
 2,4-Dimethylphenol
 Concen: 50.168 ng
 RT: 9.49 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

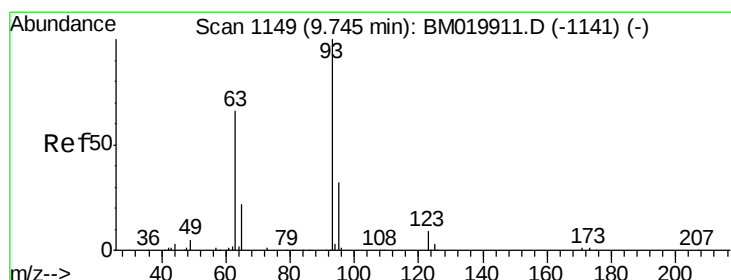
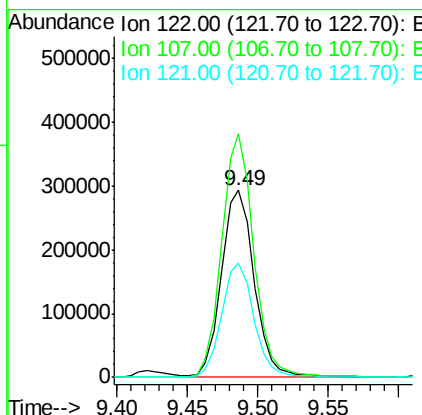
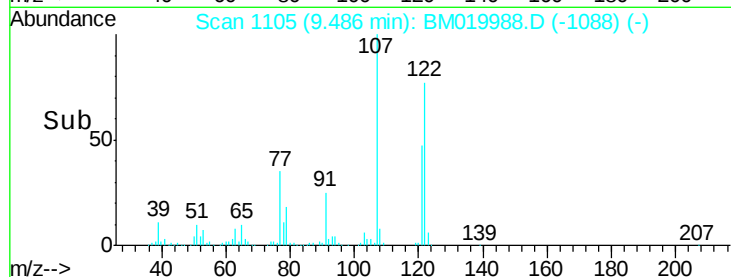
Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS



Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.3	103.1	154.7
121	61.2	49.8	74.8

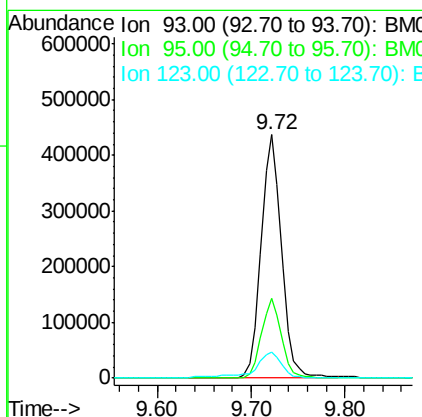
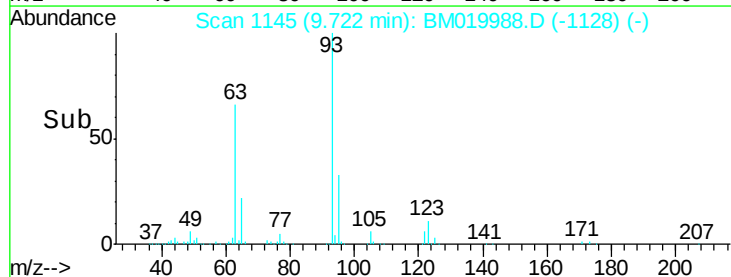
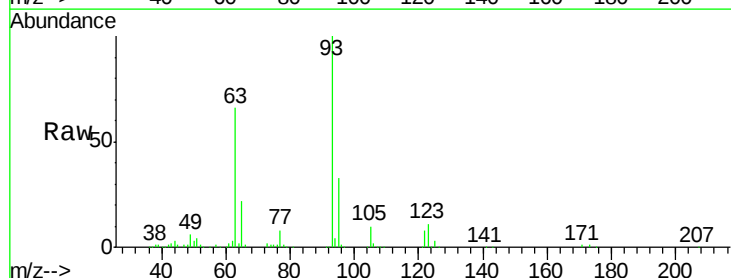
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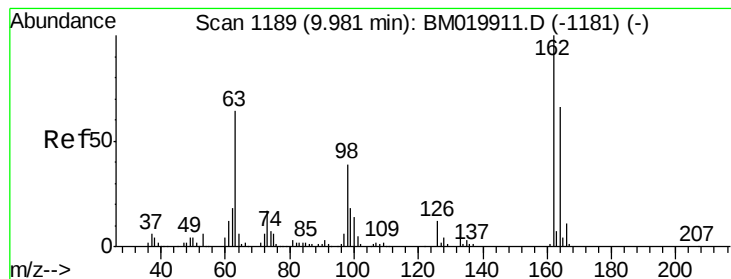
Sohil
 4/23/2019 8:19:19 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.341 ng
 RT: 9.72 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	10.8	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 44.868 ng

RT: 9.96 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

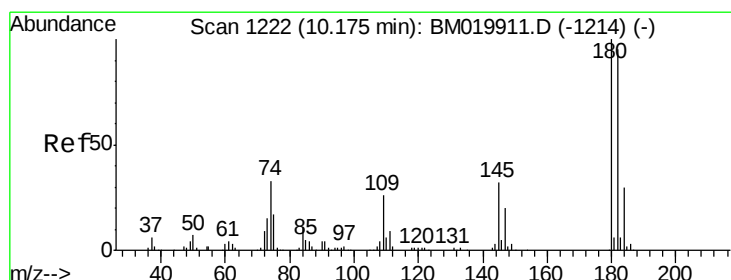
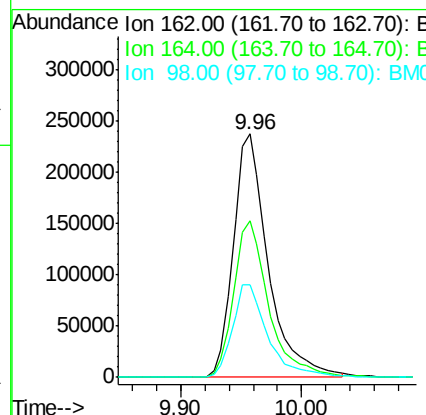
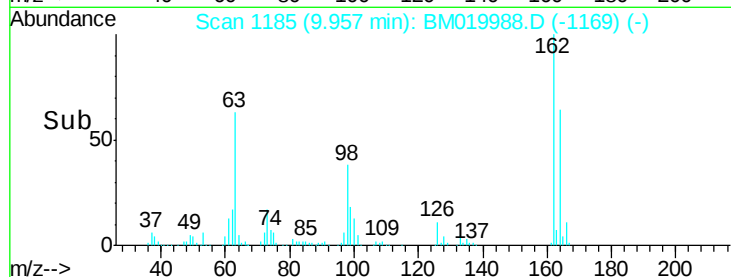
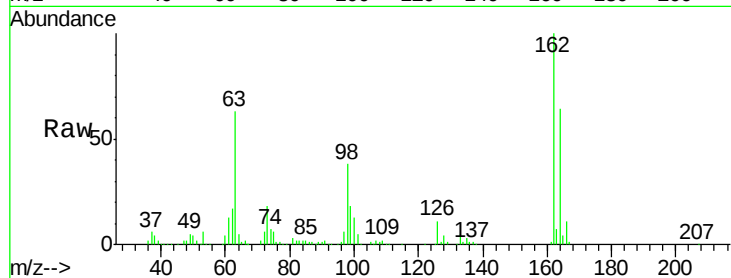
ClientSampleId :

PB119069BS

Tgt Ion:	162	Resp:	475722
Ion Ratio	Lower	Upper	
162	100		
164	64.3	46.3	86.3
98	37.9	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 42.213 ng

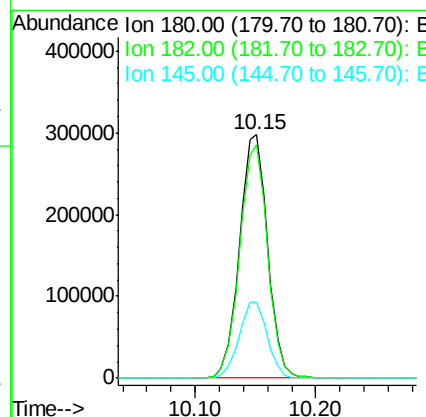
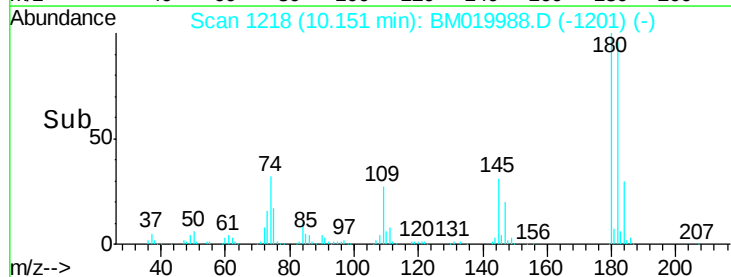
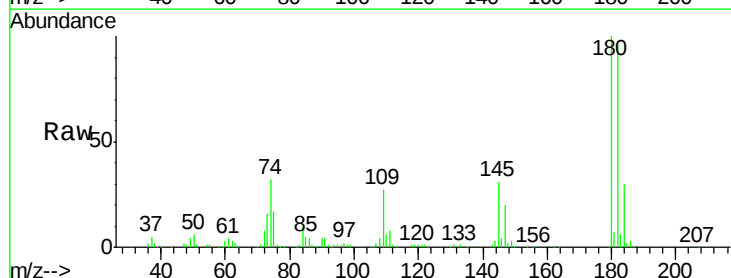
RT: 10.15 min Scan# 1218

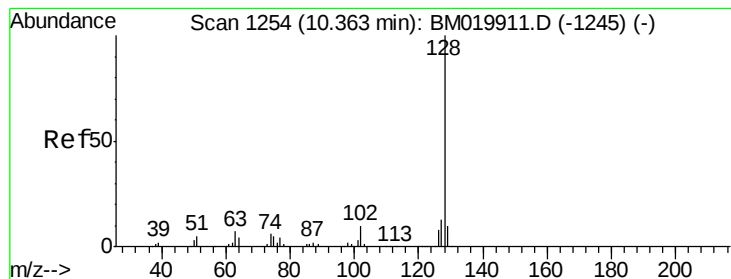
Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	180	Resp:	481726
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.3	114.5
145	31.4	25.5	38.3





#31

Naphthalene

Concen: 41.562 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

PB119069BS

Tgt Ion:128 Resp: 1491109

Ion Ratio Lower Upper

128 100

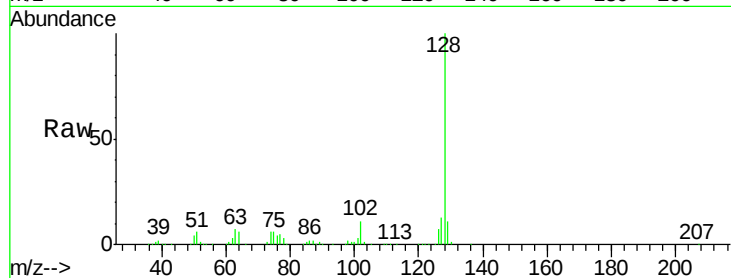
129 11.2 8.3 12.5

127 13.2 10.4 15.6

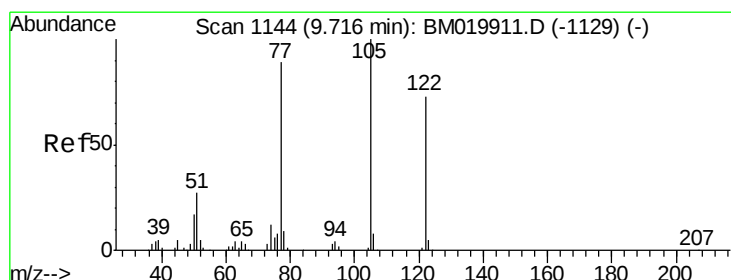
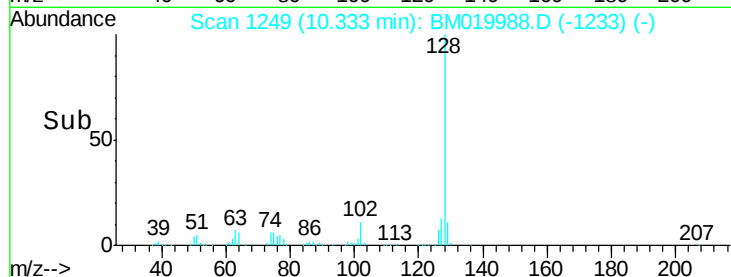
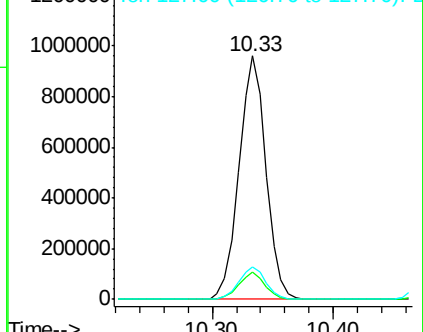
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.975 ng

RT: 9.71 min Scan# 1143

Delta R.T. 0.04 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

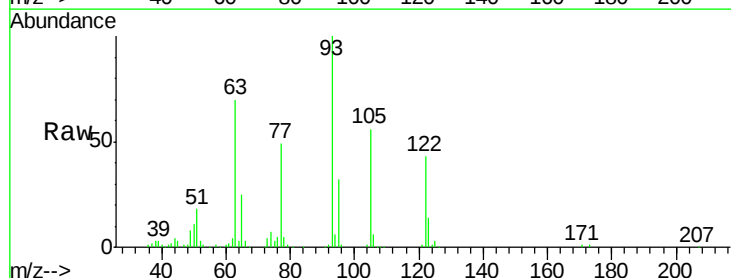
Tgt Ion:122 Resp: 333371

Ion Ratio Lower Upper

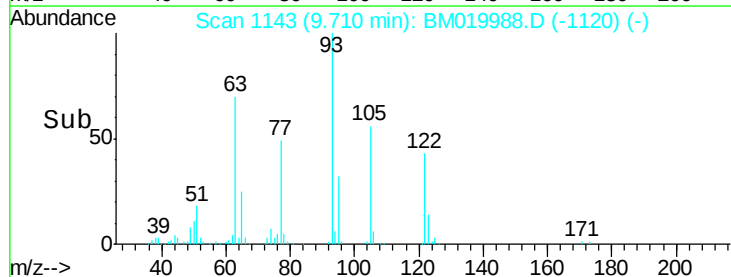
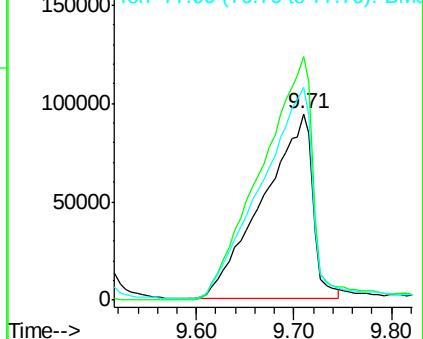
122 100

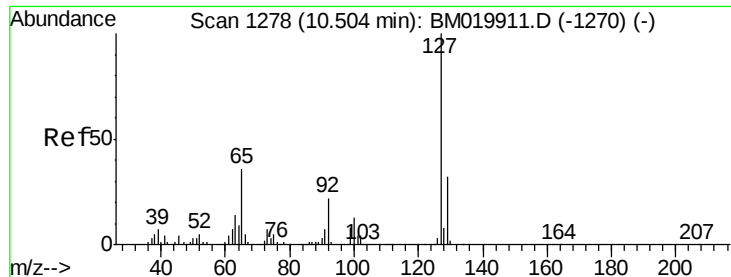
105 130.9 114.8 154.8

77 114.4 100.2 140.2



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





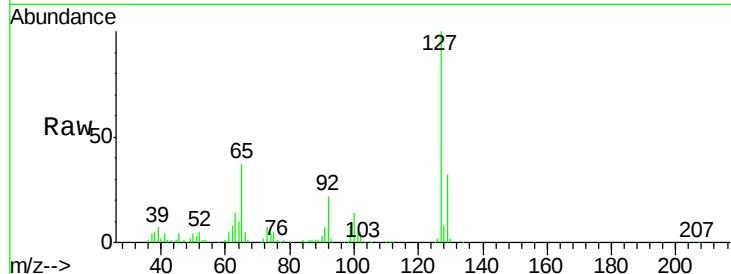
#33
4-Chloroaniline
Concen: 23.622 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

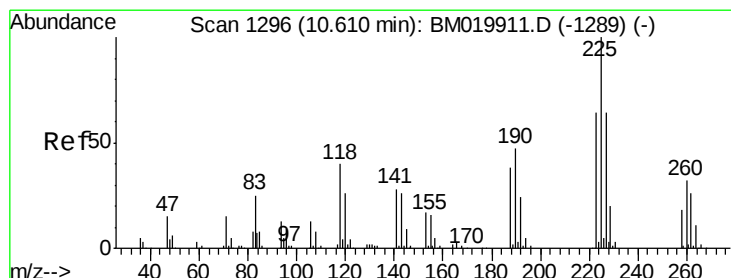
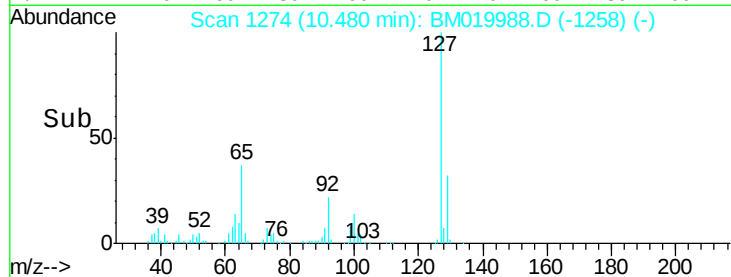
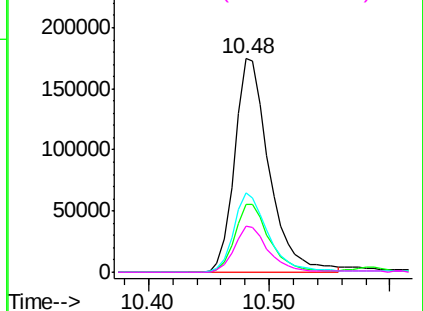
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.9	25.4	38.0
65	36.9	29.2	43.8
92	21.8	17.5	26.3

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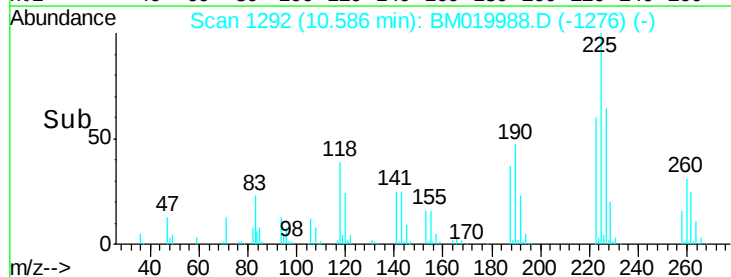
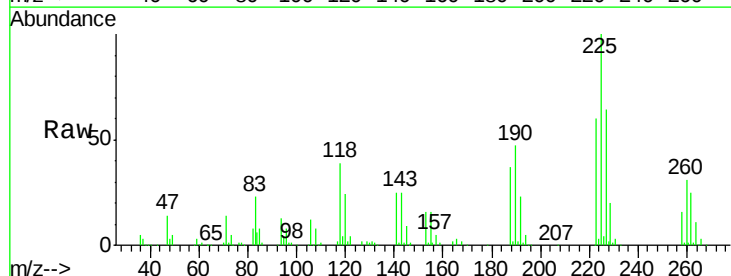
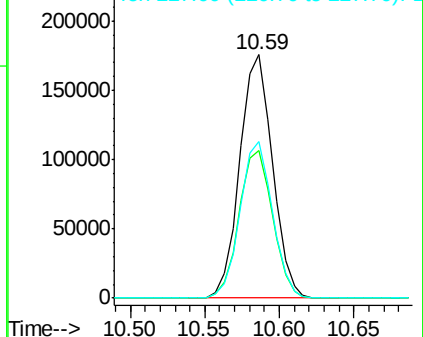
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

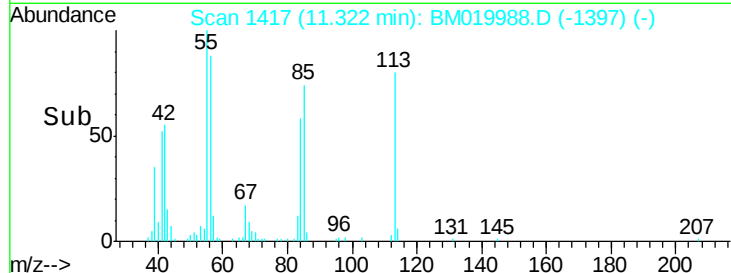
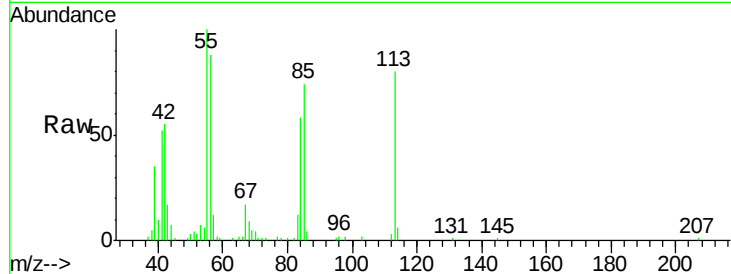
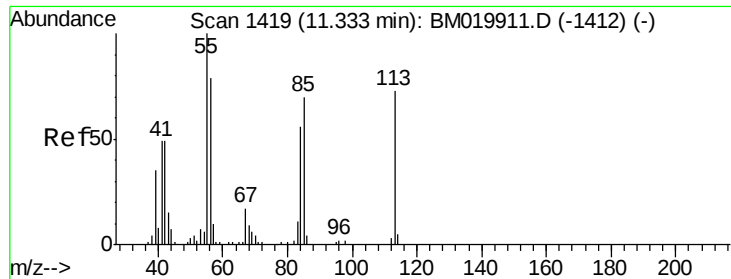


#34
Hexachlorobutadiene
Concen: 39.669 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.4	51.4	77.2
227	64.2	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





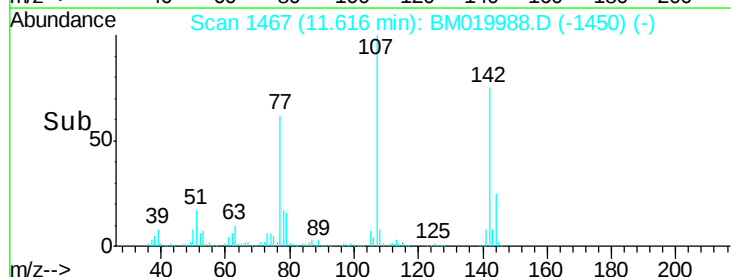
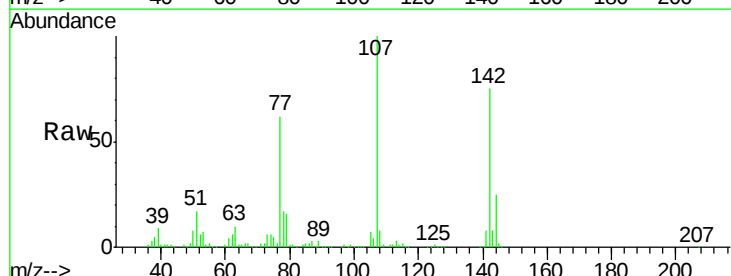
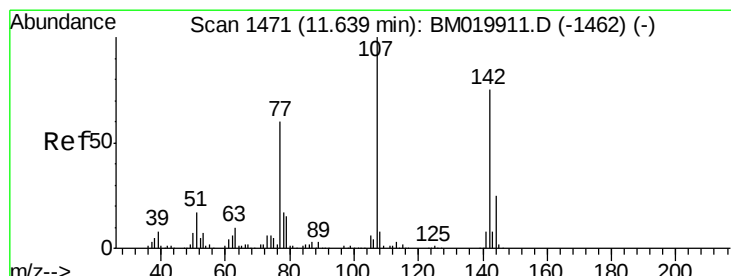
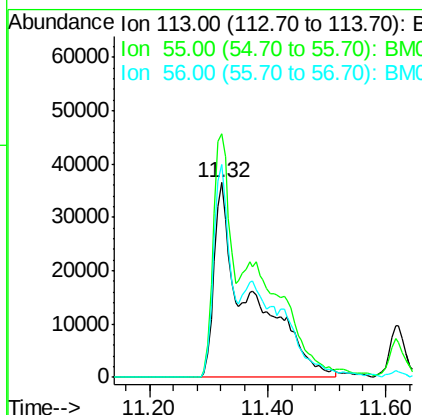
#35
Caprolactam
Concen: 38.227 ng m
RT: 11.32 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion: 113 Resp: 153418
Ion Ratio Lower Upper
113 100
55 124.9 117.1 157.1
56 109.6 88.2 128.2

Instrument :
BNA_M
ClientSampleId :
PB119069BS

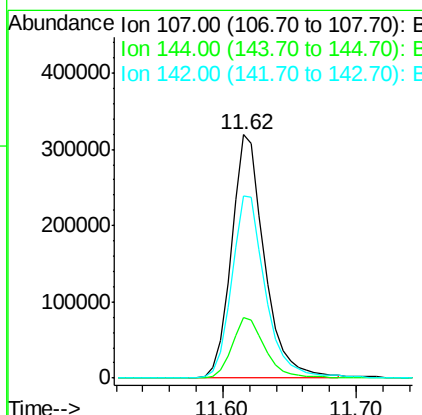
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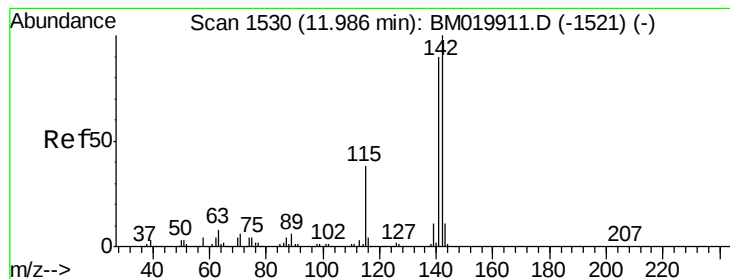
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 41.670 ng
RT: 11.62 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion: 107 Resp: 548975
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.8
142 74.9 60.3 90.5





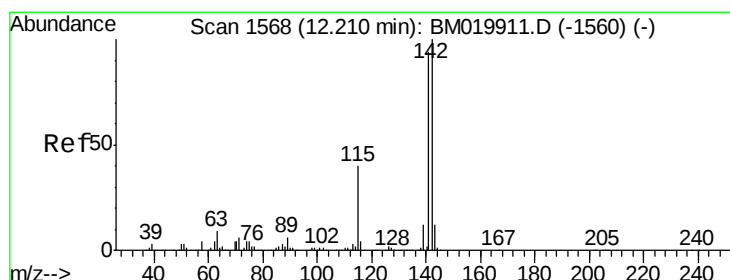
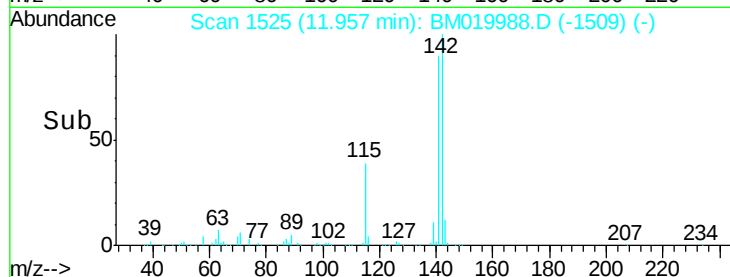
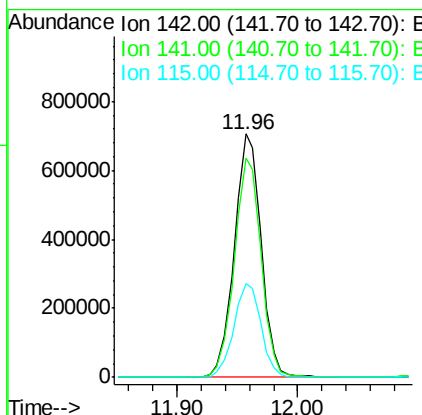
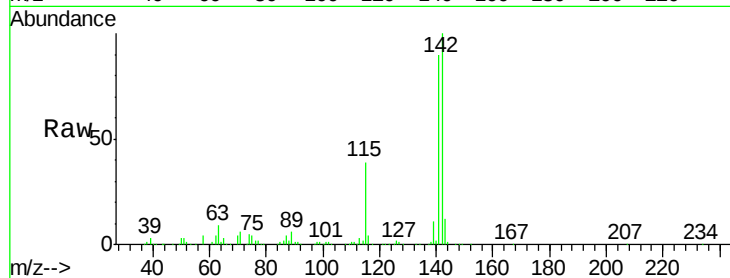
#37
 2-Methylnaphthalene
 Concen: 41.837 ng
 RT: 11.96 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	38.7	30.5	45.7

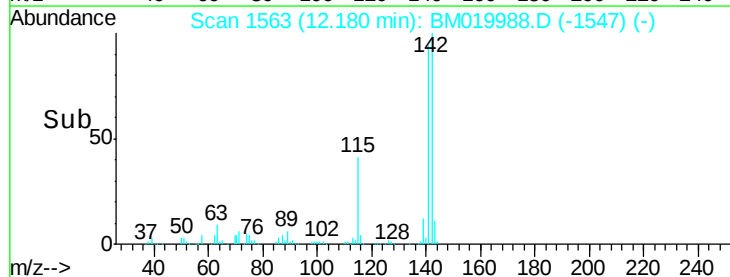
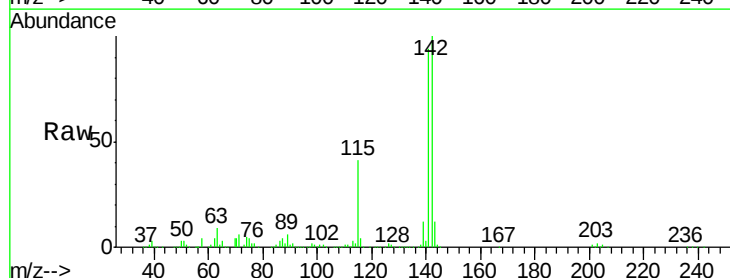
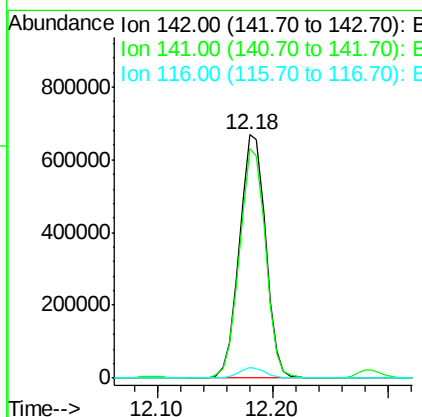
Manual Integrations
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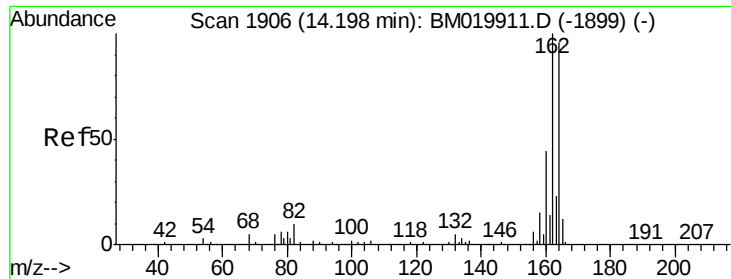
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#38
 1-Methylnaphthalene
 Concen: 40.756 ng
 RT: 12.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.7	113.5
116	4.4	3.4	5.2





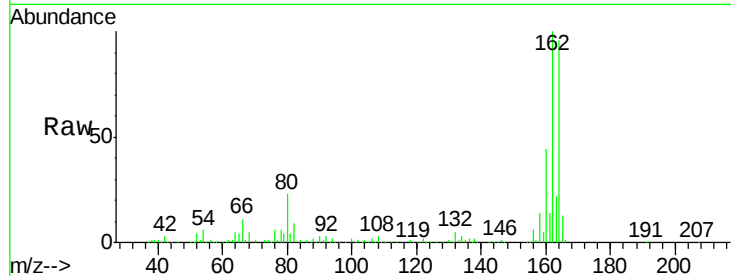
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	393587		
162	104.2	83.0	124.4	
160	45.4	36.6	55.0	

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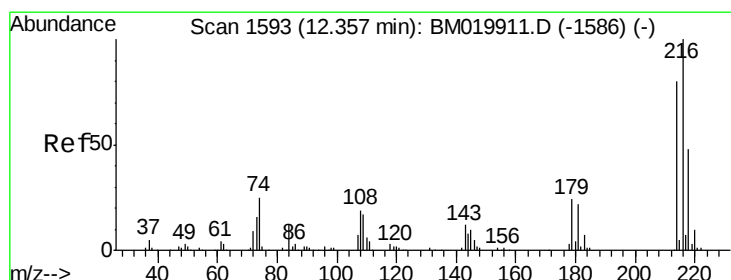
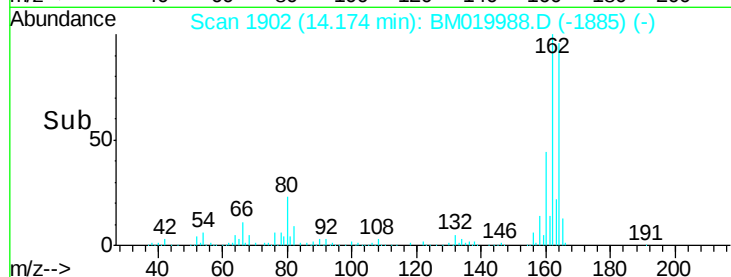
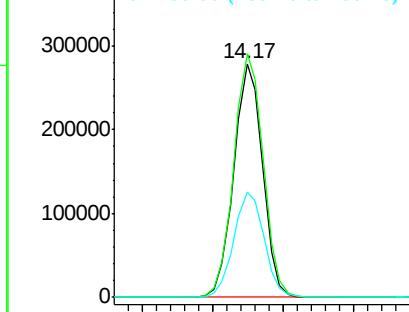


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.303 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	513636		
214	79.0	63.1	94.7	
179	23.3	19.0	28.6	
108	19.9	16.3	24.5	

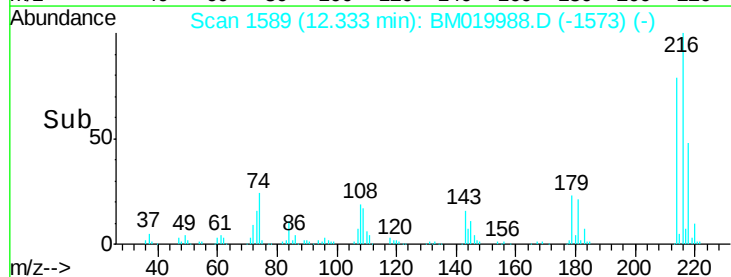
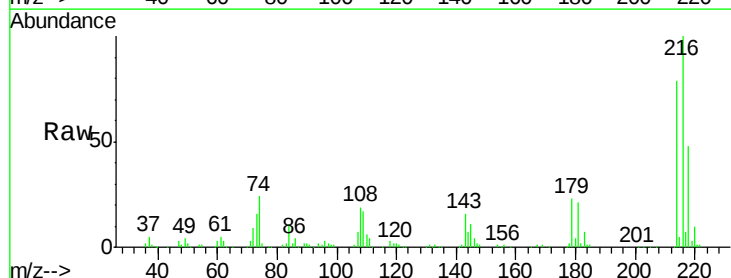
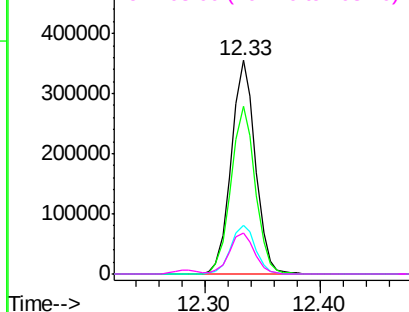
Abundance

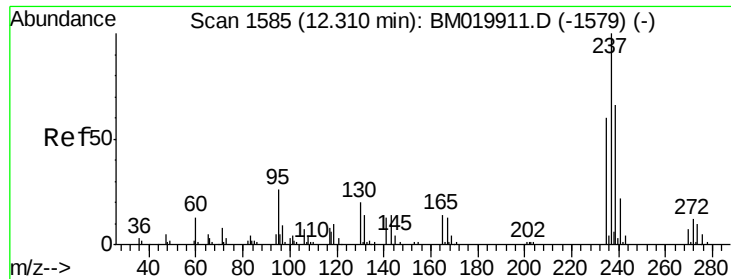
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





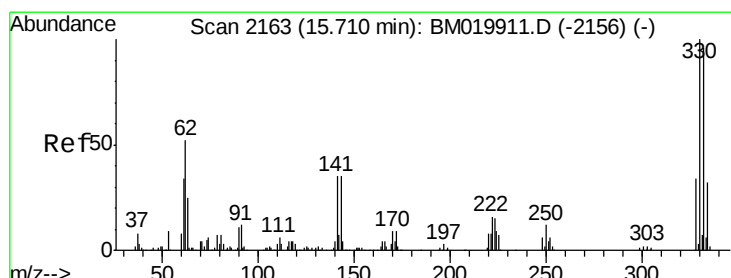
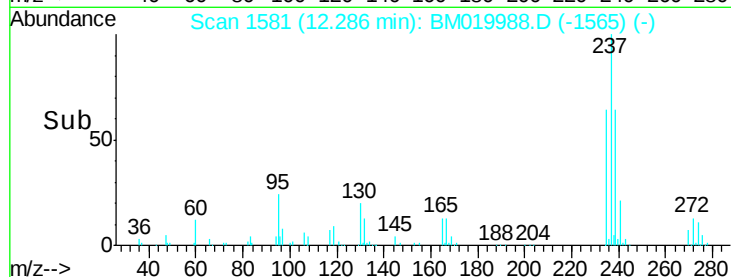
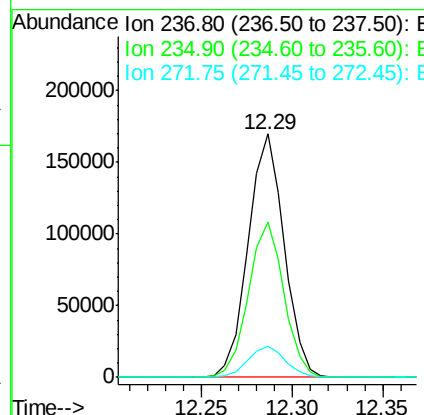
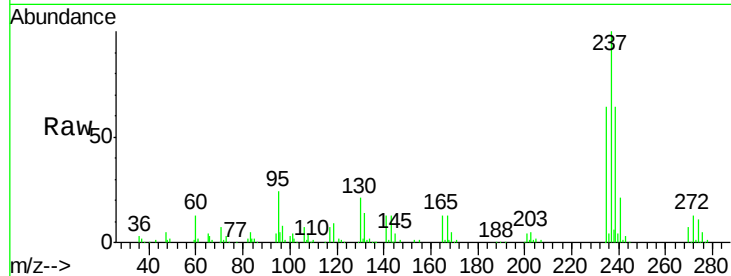
#41
Hexachlorocyclopentadiene
Concen: 58.099 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.7	40.4	80.4
272	12.6	0.0	32.3

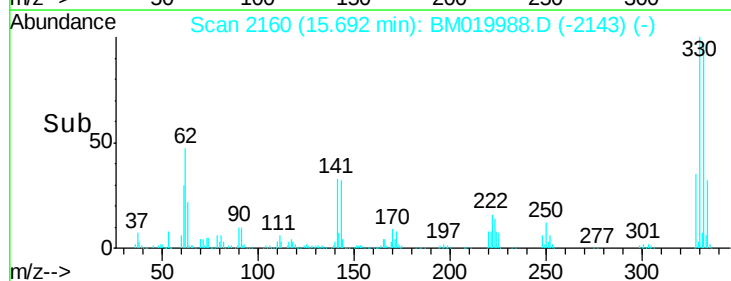
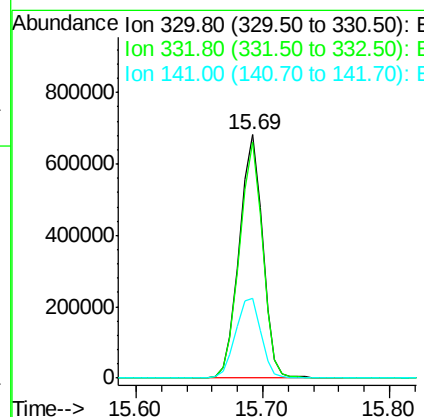
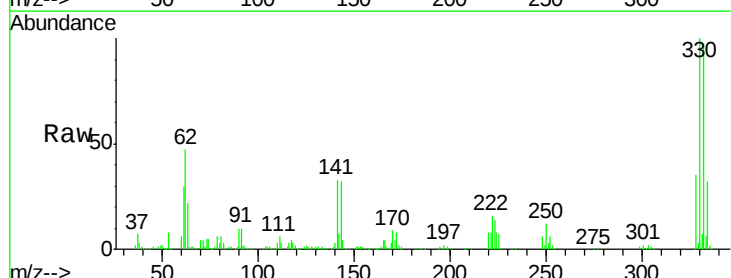
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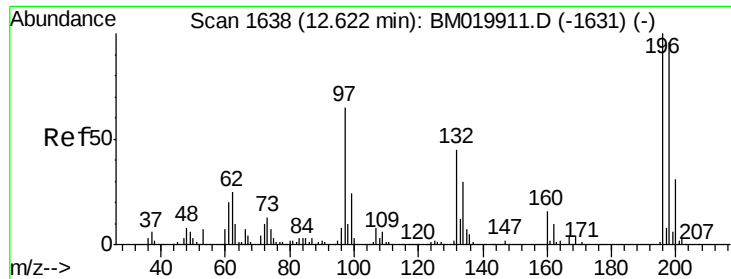
Sohil
4/23/2019 8:19:19 AM



#42
2,4,6-Tribromophenol
Concen: 136.767 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.3	77.4	116.2
141	35.8	29.0	43.4





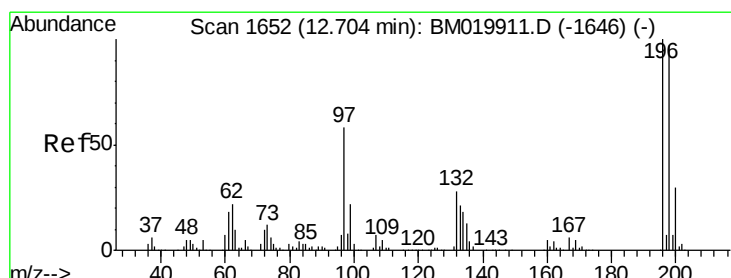
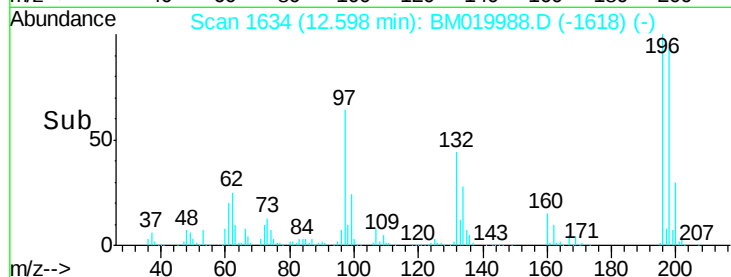
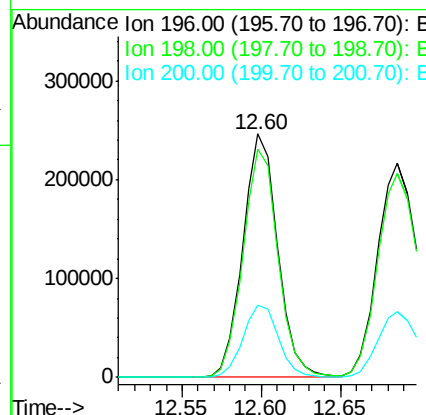
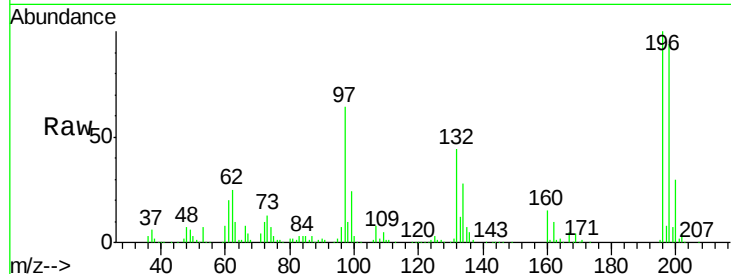
#43
 2,4,6-Trichlorophenol
 Concen: 45.591 ng
 RT: 12.60 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	375300		
198	93.9	76.8	115.2	
200	29.8	24.6	37.0	

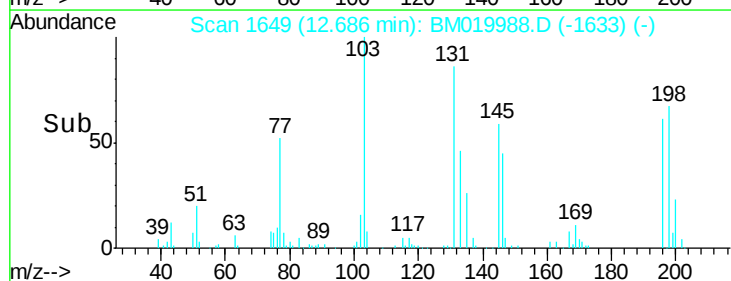
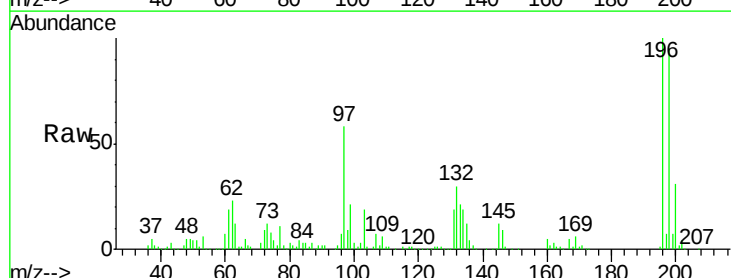
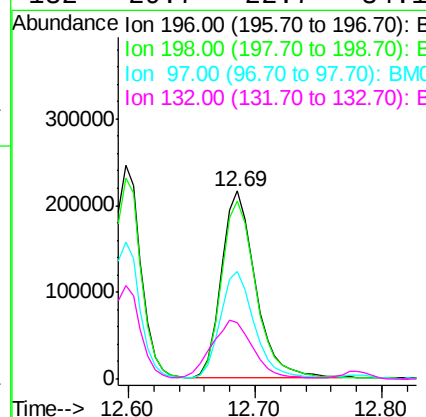
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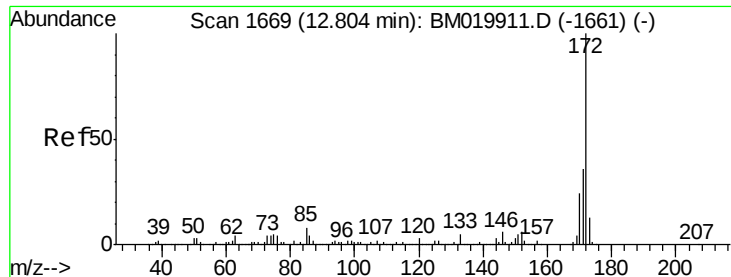
Sohil
 4/23/2019 8:19:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.486 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	398280		
198	95.1	77.8	116.8	
97	57.6	46.2	69.2	
132	29.7	22.7	34.1	





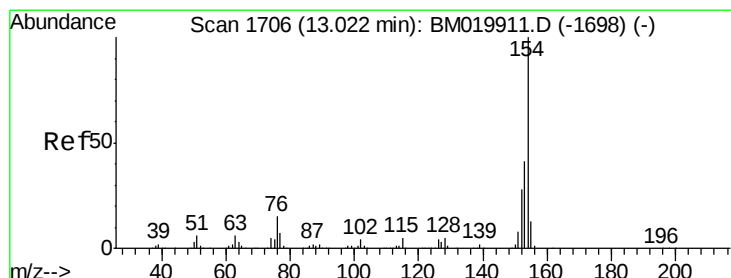
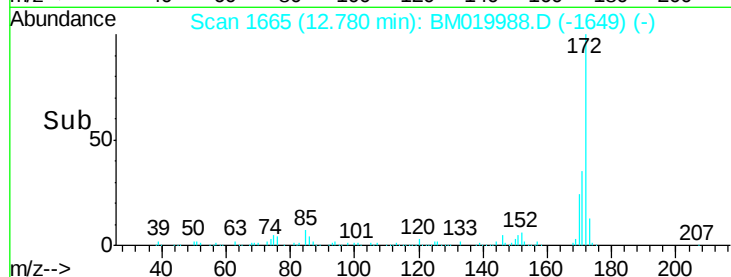
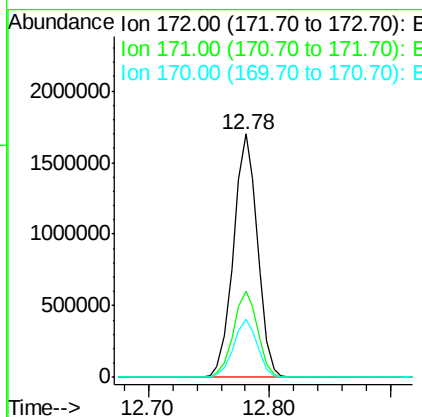
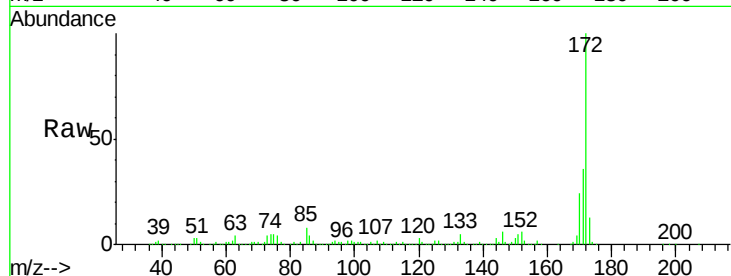
#45
2-Fluorobiphenyl
Concen: 74.456 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion:172 Resp: 2351476
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.9 19.0 28.4

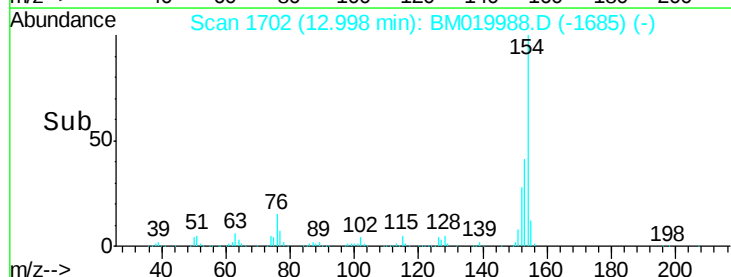
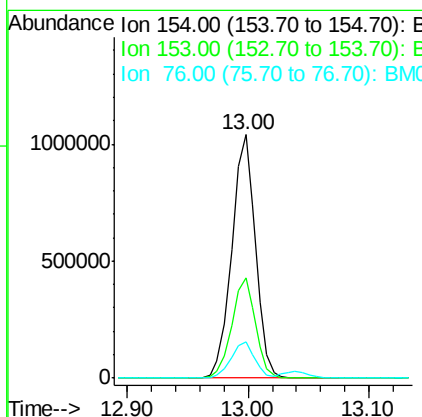
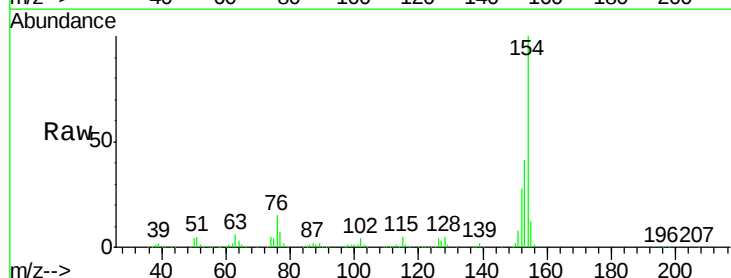
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APPROVED

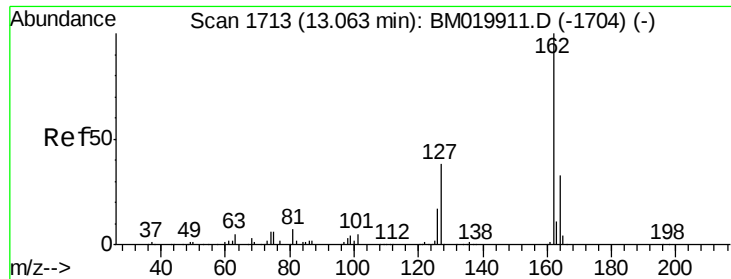
Sohil
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#46
1,1'-Biphenyl
Concen: 41.678 ng
RT: 13.00 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion:154 Resp: 1420798
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 14.7 0.0 34.8





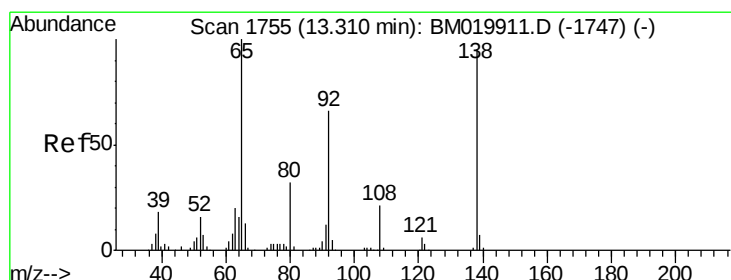
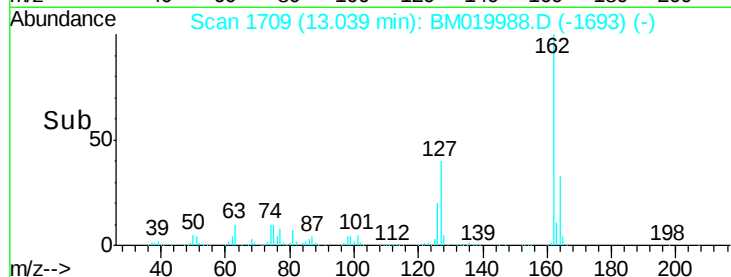
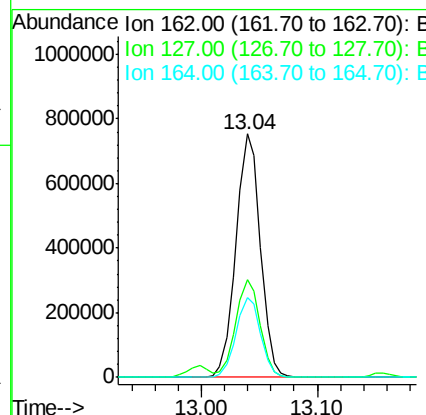
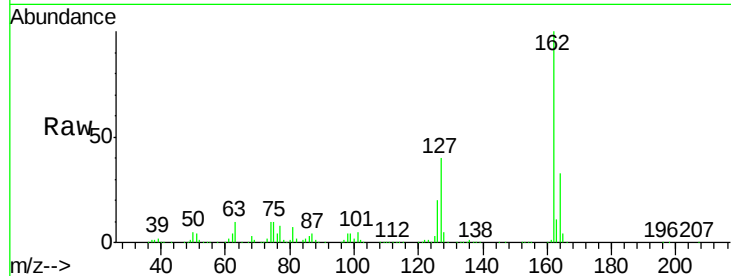
#47
2-Chloronaphthalene
Concen: 42.445 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.3	48.5
164	32.8	26.3	39.5

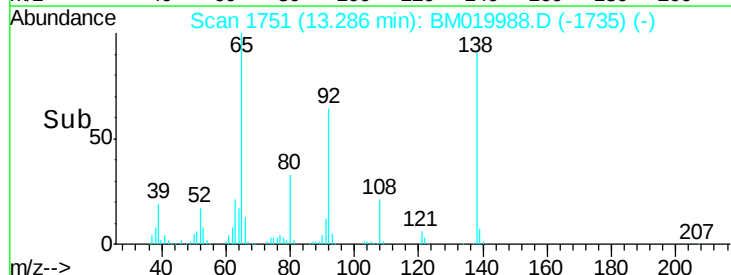
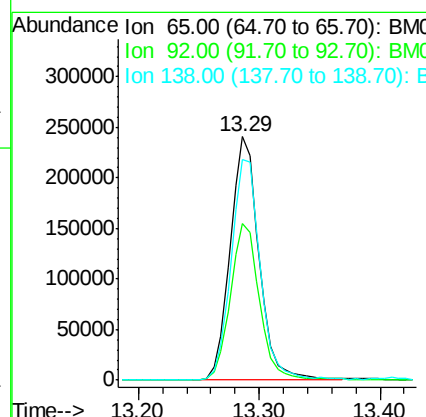
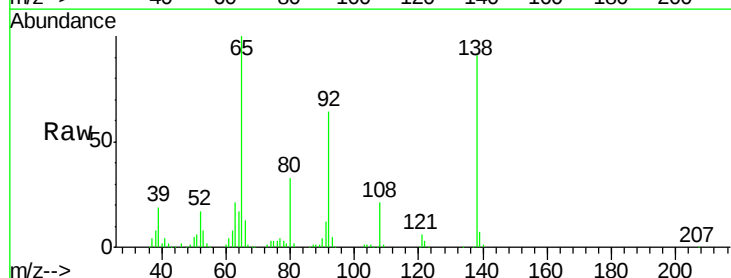
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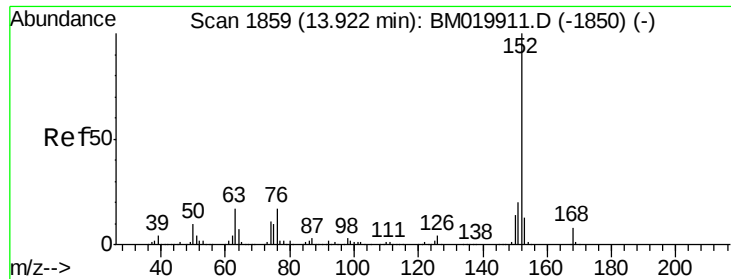
Sohil
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#48
2-Nitroaniline
Concen: 42.600 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	52.9	79.3
138	90.6	75.8	113.6





#49

Acenaphthylene

Concen: 40.228 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

PB119069BS

Tgt Ion:152 Resp: 1820003

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

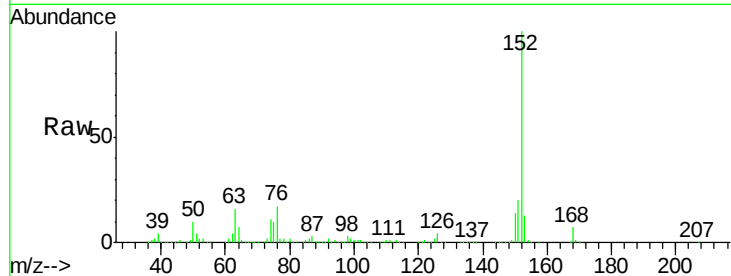
153 12.9 10.6 16.0

Manual Integrations

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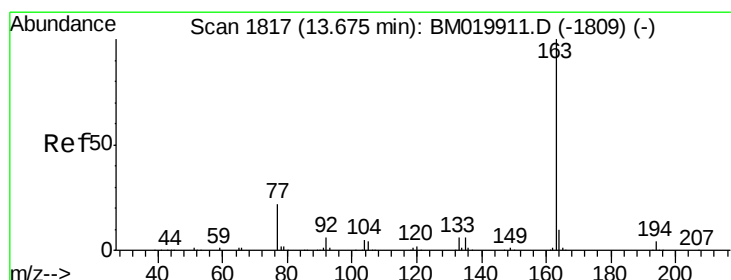
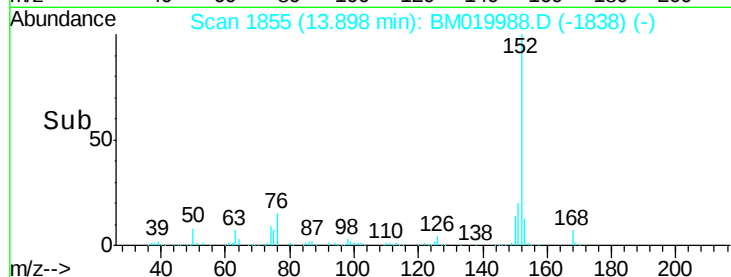
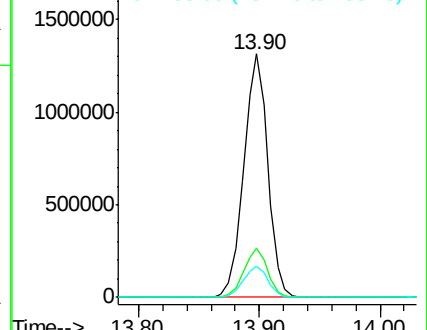
4/23/2019 8:19:19 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.946 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

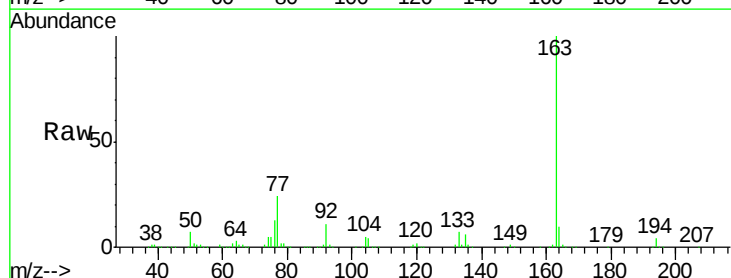
Tgt Ion:163 Resp: 1421525

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

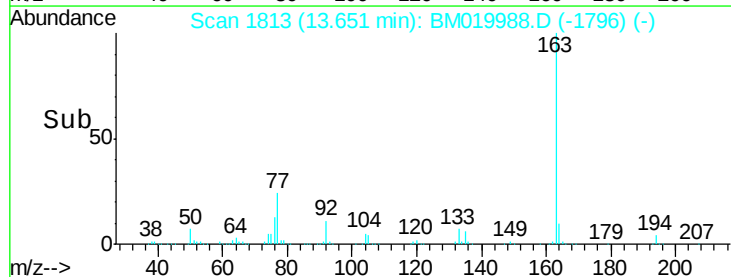
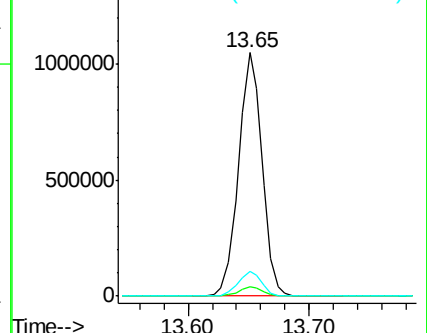
164 10.3 7.9 11.9

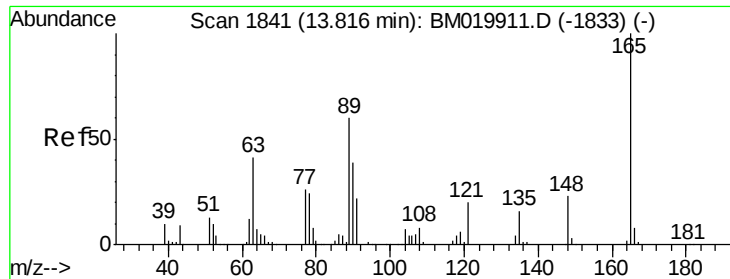


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





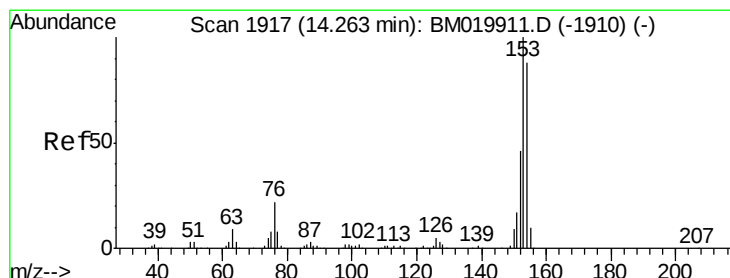
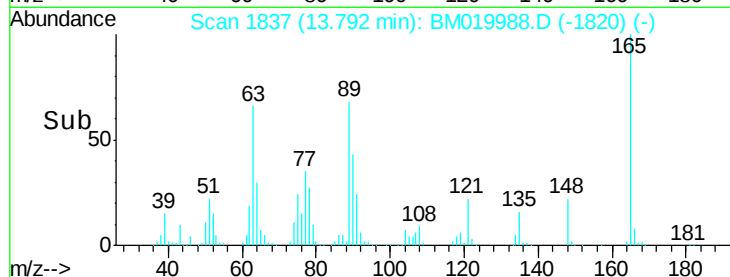
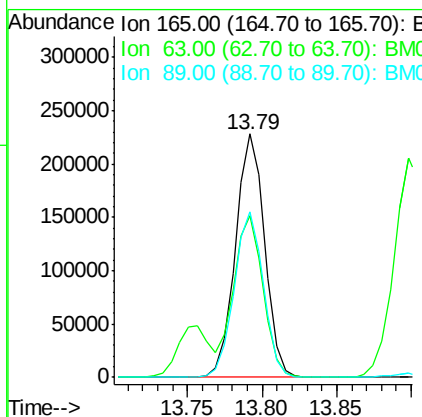
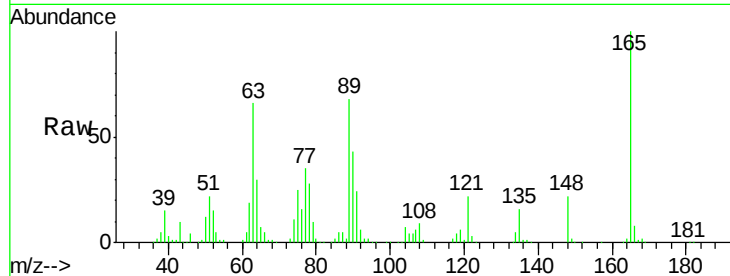
#51
2,6-Dinitrotoluene
Concen: 40.429 ng
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	310371		
63	66.3	48.5	72.7	
89	68.1	48.2	72.4	

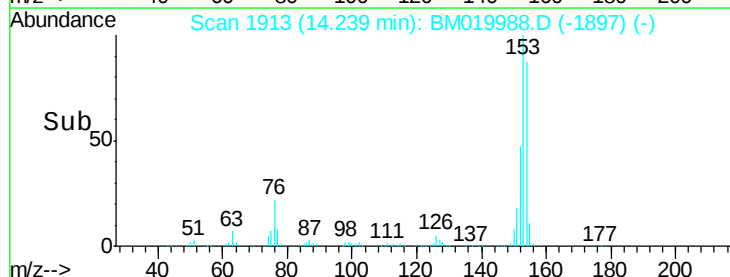
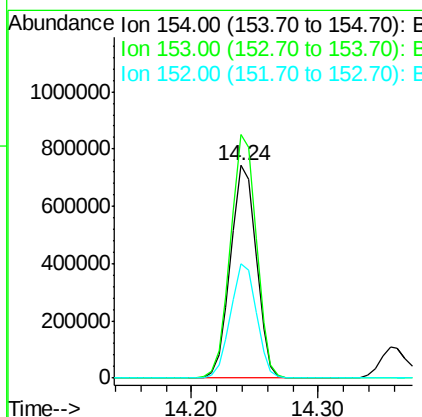
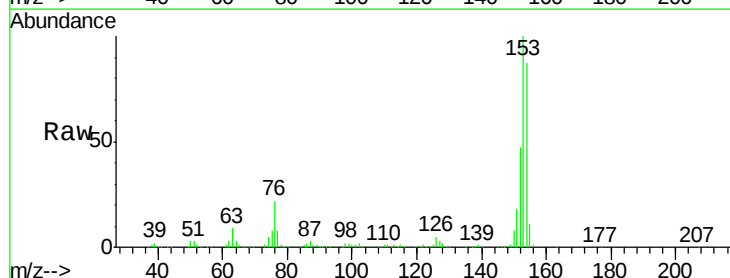
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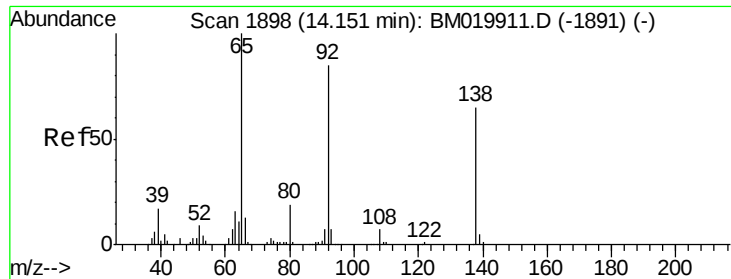
Sohil
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#52
Acenaphthene
Concen: 41.621 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1044071		
153	114.5	91.0	136.4	
152	53.8	42.2	63.2	





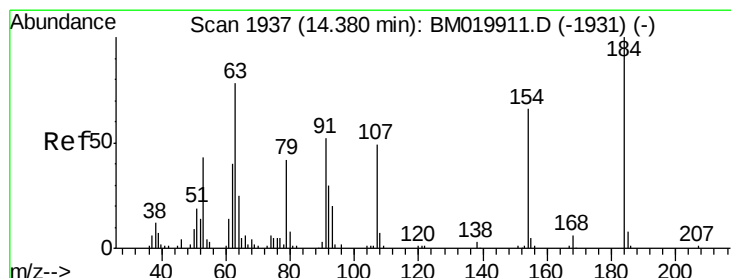
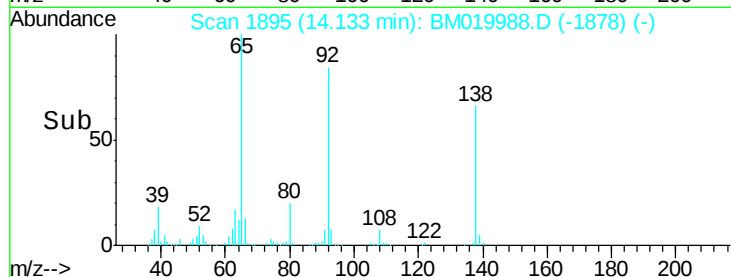
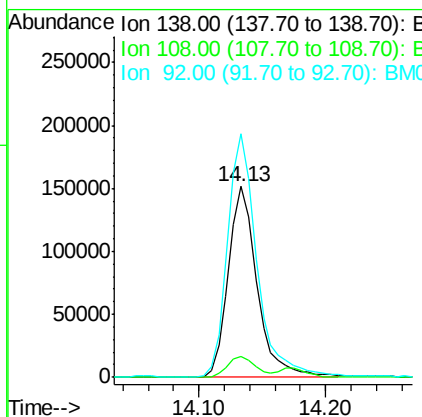
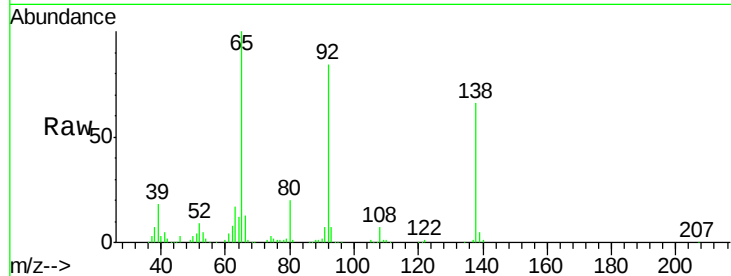
#53
3-Nitroaniline
Concen: 31.208 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampled :
PB119069BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	239224		
108	11.1	8.9	13.3	
92	127.7	103.8	155.8	

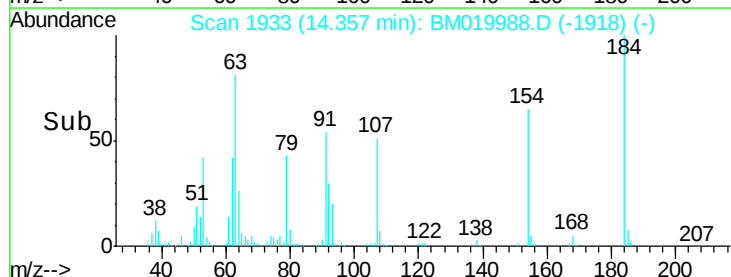
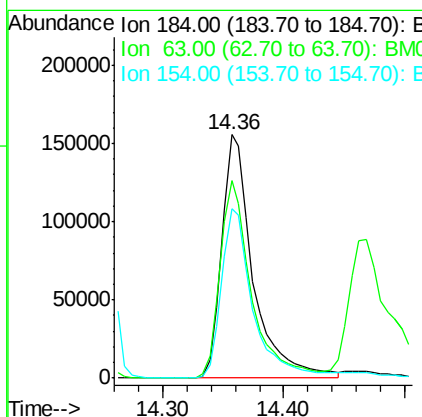
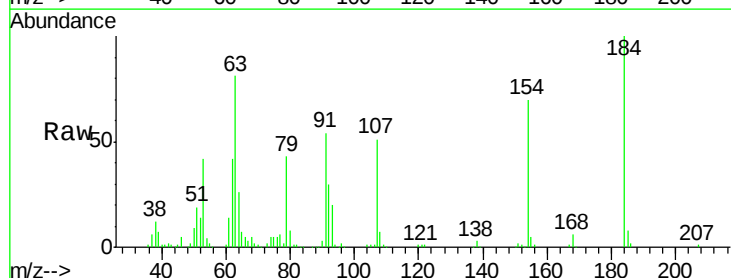
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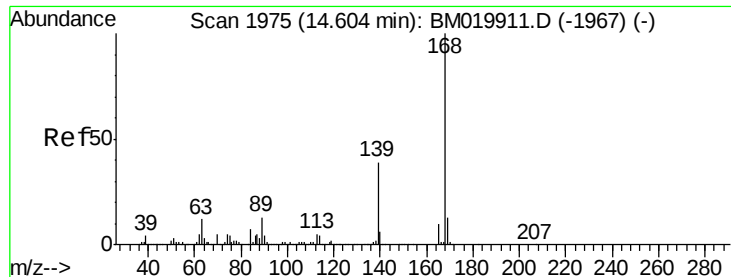
Sohil
4/23/2019 8:19:19 AM



#54
2,4-Dinitrophenol
Concen: 62.708 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	279298		
63	81.3	62.3	93.5	
154	69.8	53.0	79.6	





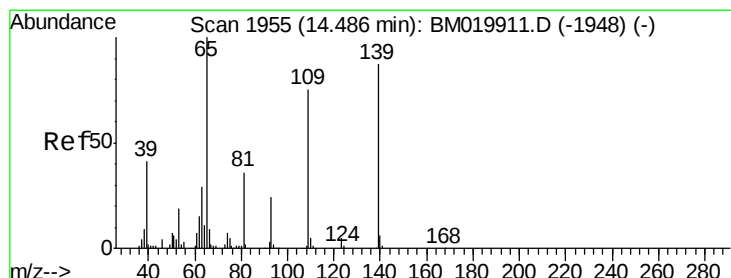
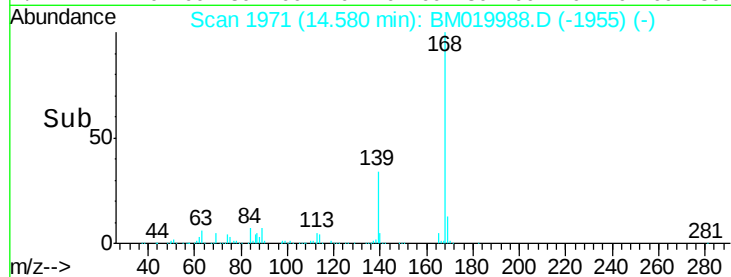
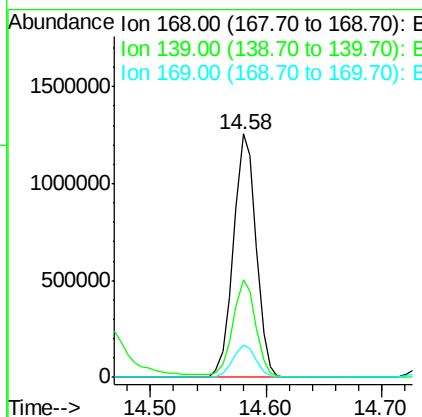
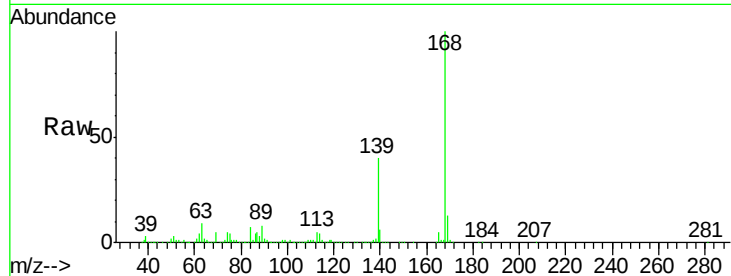
#55
Dibenzofuran
Concen: 41.591 ng
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.5	47.3
169	13.3	10.6	16.0

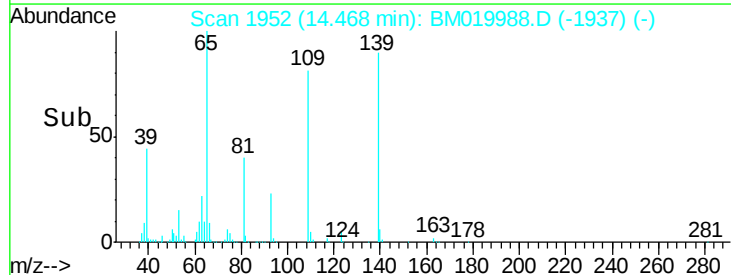
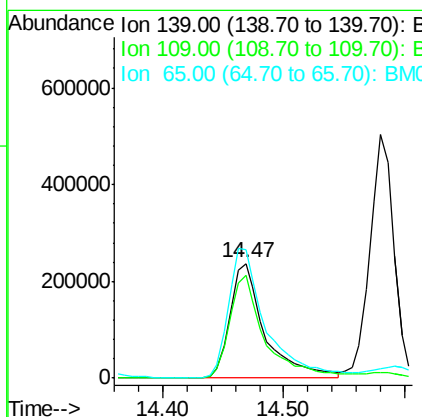
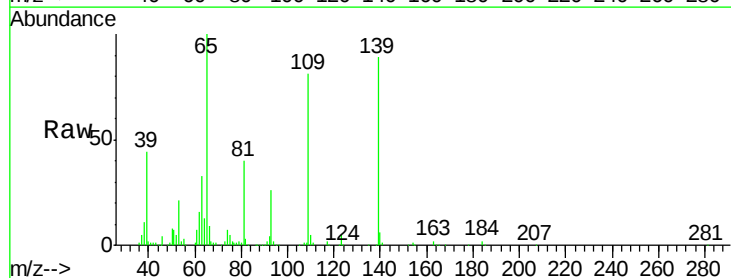
Manual Integrations
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#56
4-Nitrophenol
Concen: 79.423 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.2	65.3	105.3
65	111.8	94.9	134.9





#57

2,4-Dinitrotoluene

Concen: 41.018 ng

RT: 14.60 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM019988.D

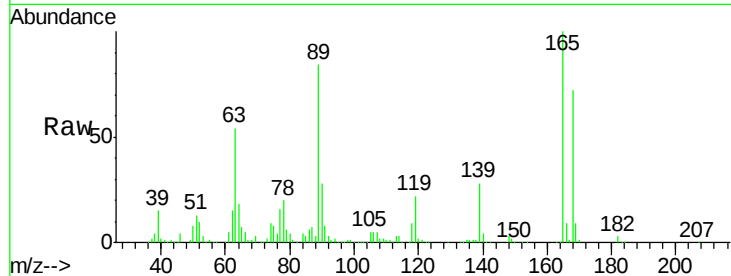
Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

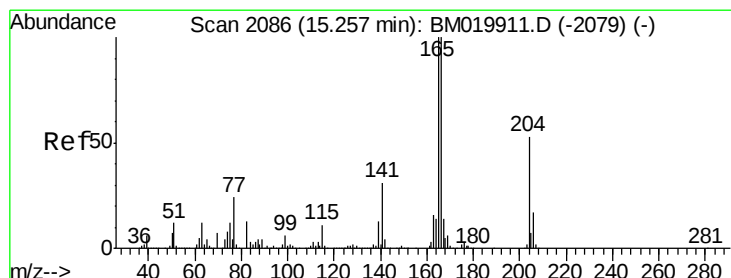
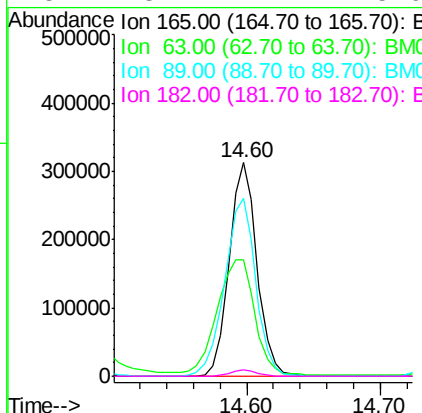
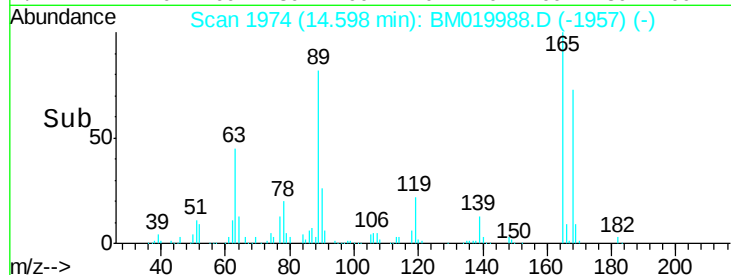
PB119069BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	452635		
63	54.3	46.0	69.0	
89	83.6	67.5	101.3	
182	3.1	2.4	3.6	

Manual Integrations
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#58

Fluorene

Concen: 41.461 ng

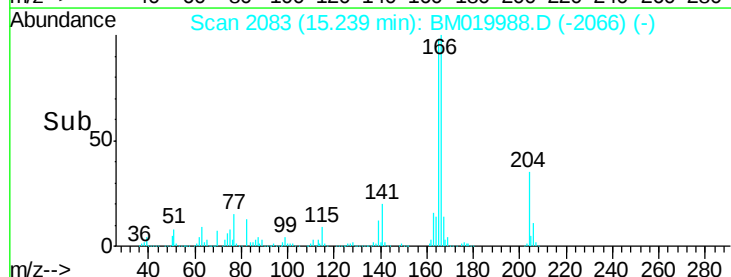
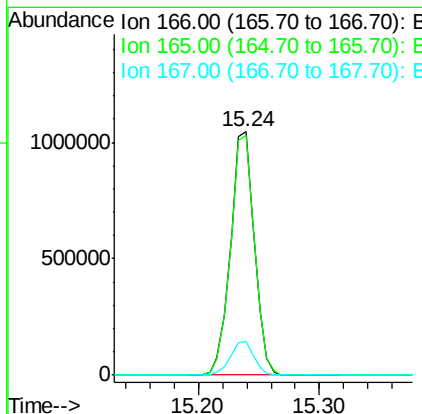
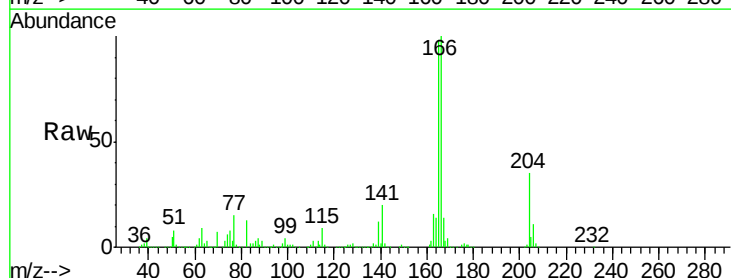
RT: 15.24 min Scan# 2083

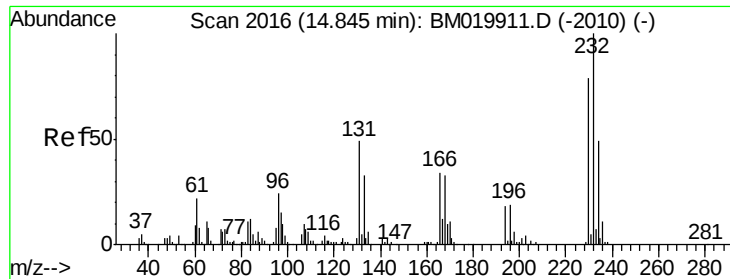
Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1441136		
165	98.5	80.1	120.1	
167	13.8	11.0	16.4	





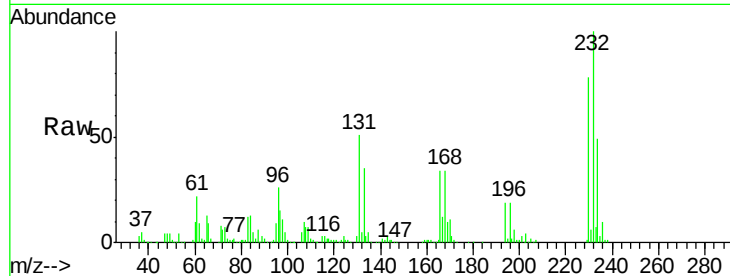
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.195 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

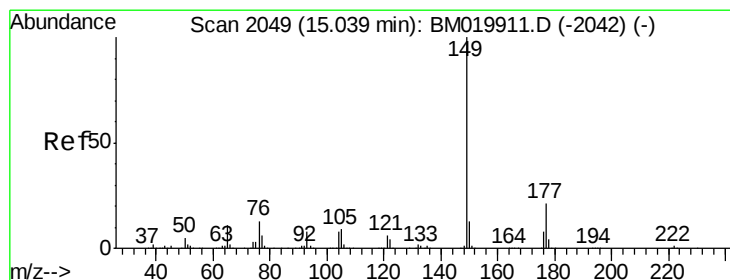
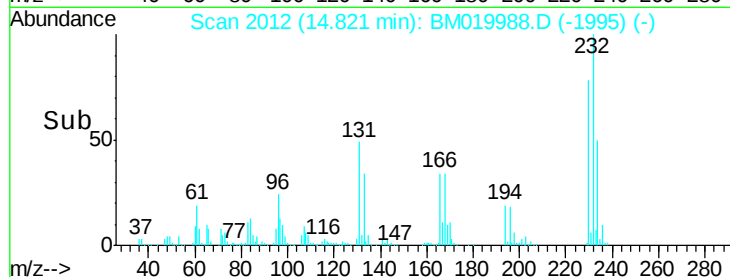
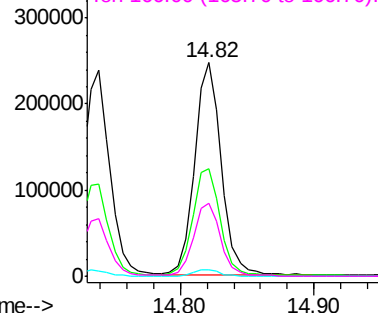
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	345492		
131	52.1	42.1	63.1	
130	3.0	2.2	3.4	
166	34.8	28.1	42.1	

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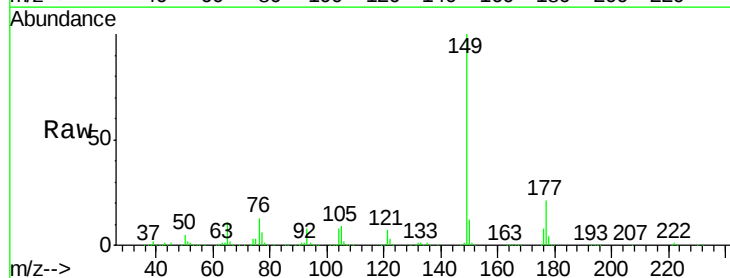


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

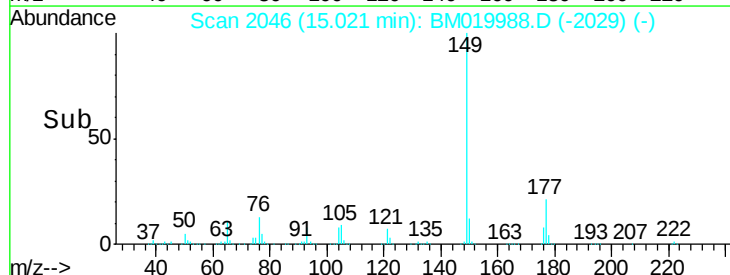
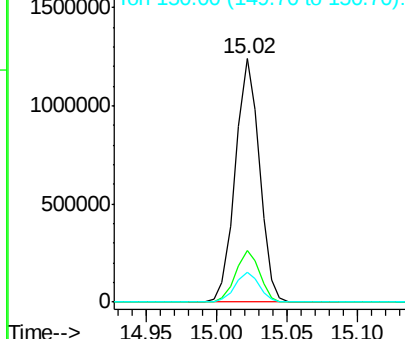


#60
Diethylphthalate
Concen: 40.963 ng
RT: 15.02 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1479036		
177	21.1	16.6	25.0	
150	12.4	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





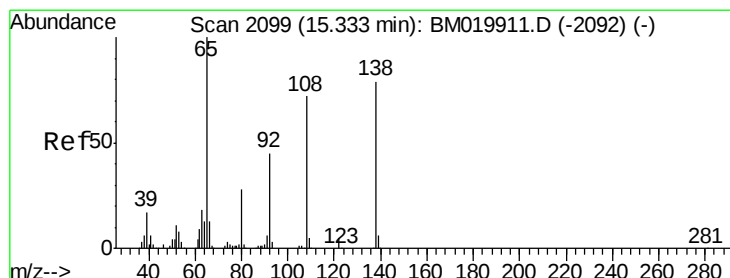
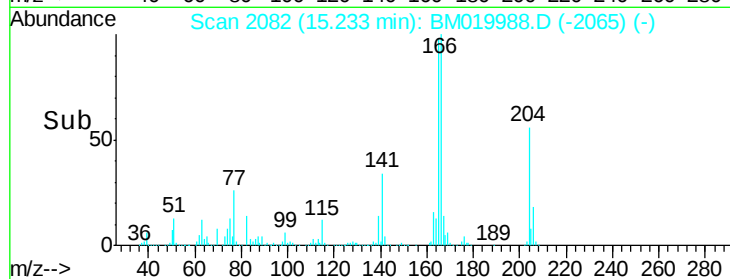
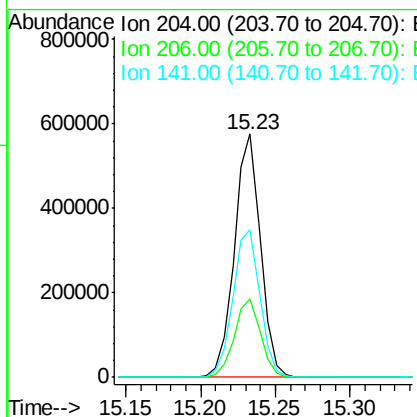
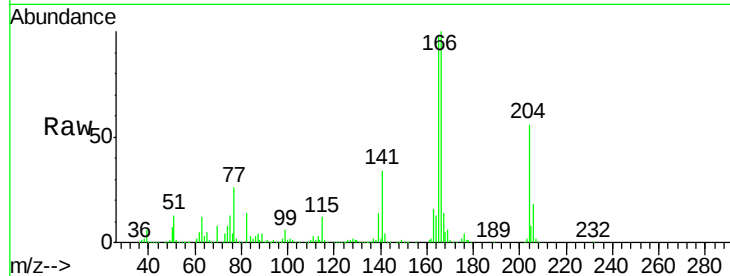
#61
 4-Chlorophenyl-phenylether
 Concen: 41.962 ng
 RT: 15.23 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	702245		
206	32.5	25.8	38.8	
141	60.7	47.0	70.4	

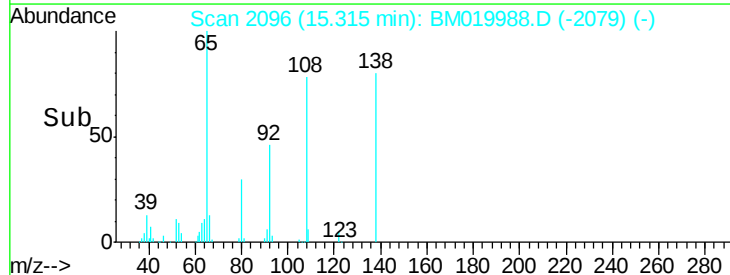
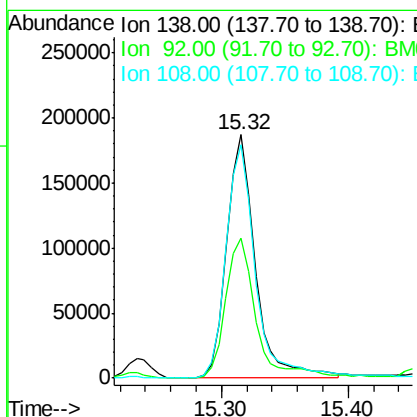
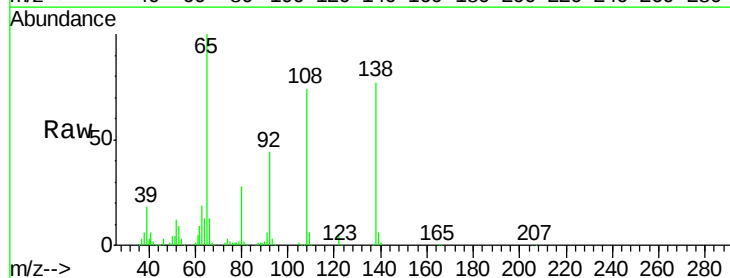
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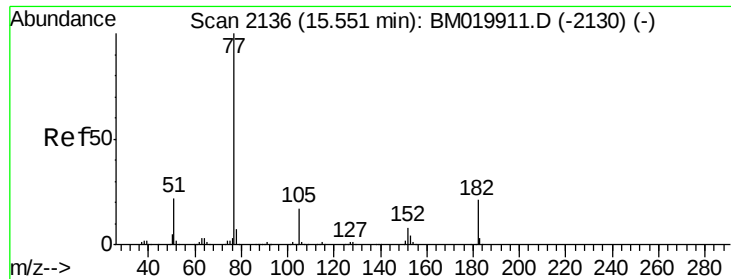
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#62
 4-Nitroaniline
 Concen: 38.894 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

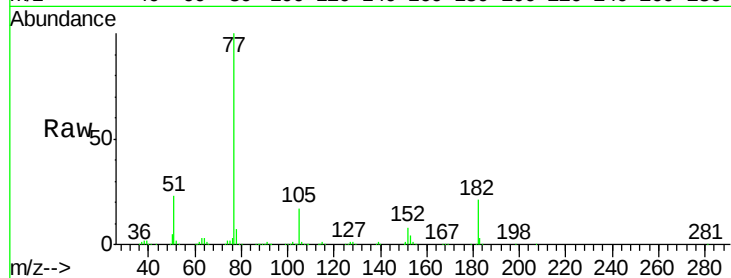
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	293747		
92	57.5	36.8	76.8	
108	96.0	71.5	111.5	





#63
Azobenzene
Concen: 41.681 ng
RT: 15.53 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

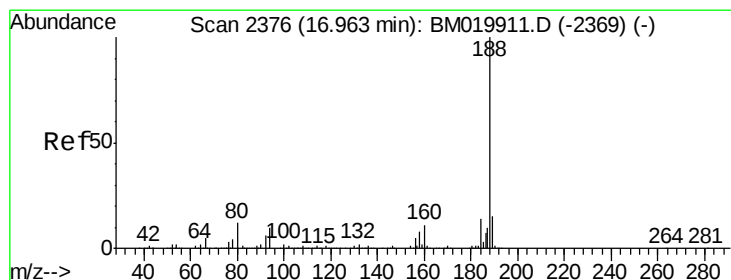
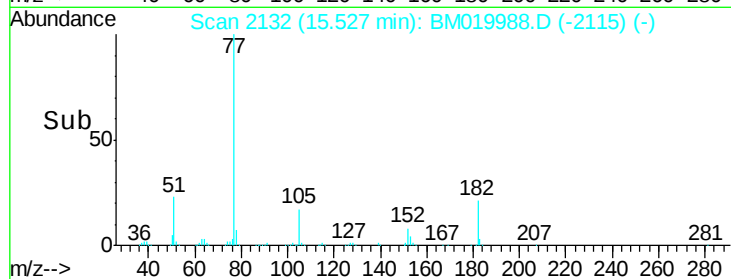
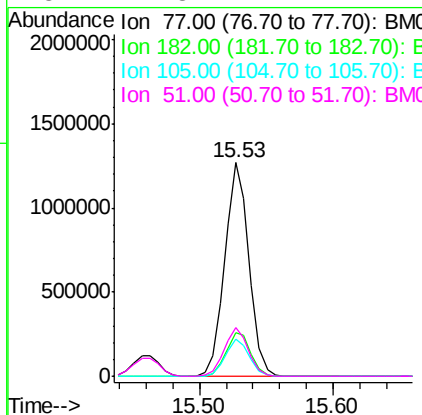
Instrument :
BNA_M
ClientSampleId :
PB119069BS



Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.0	41.0
105	17.2	0.0	37.1
51	22.8	2.1	42.1

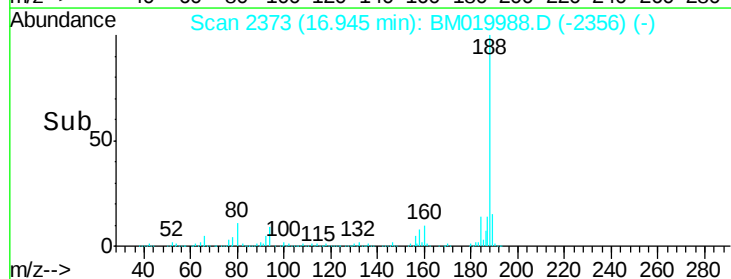
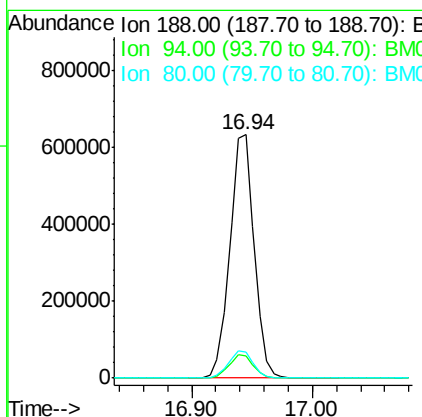
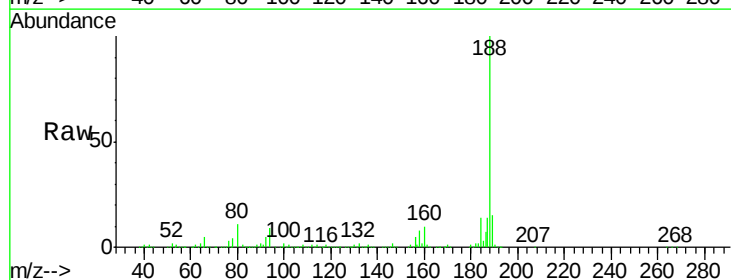
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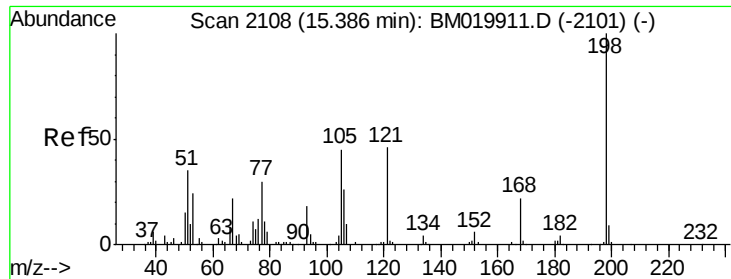
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	10.6	9.4	14.0





#65

4,6-Dinitro-2-methylphenol

Concen: 33.597 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

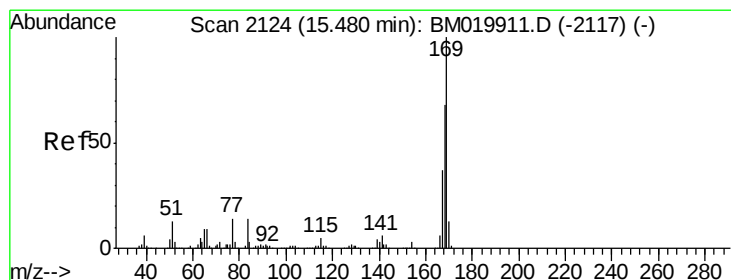
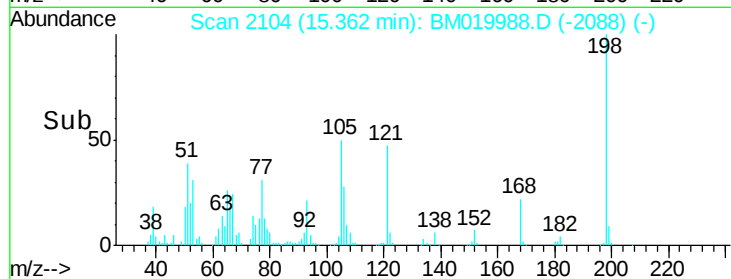
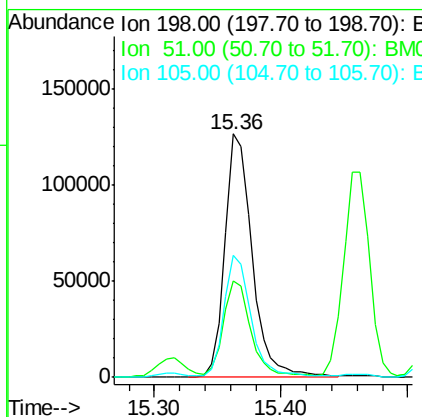
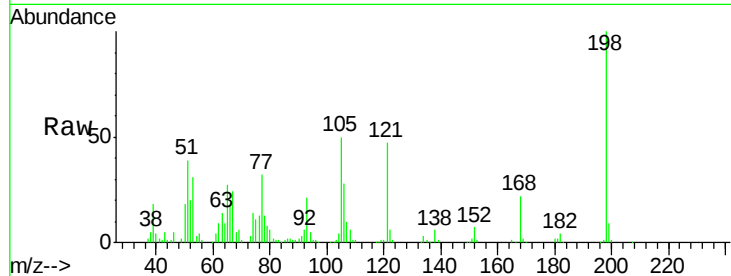
ClientSampleId :

PB119069BS

Tgt Ion:	198	Resp:	189600
Ion Ratio	Lower	Upper	
198	100		
51	39.5	17.9	57.9
105	50.2	26.1	66.1

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#66

n-Nitrosodiphenylamine

Concen: 41.229 ng

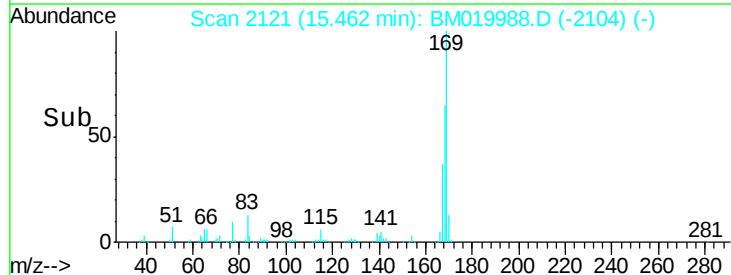
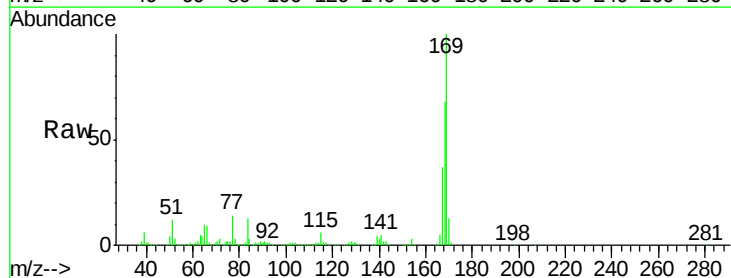
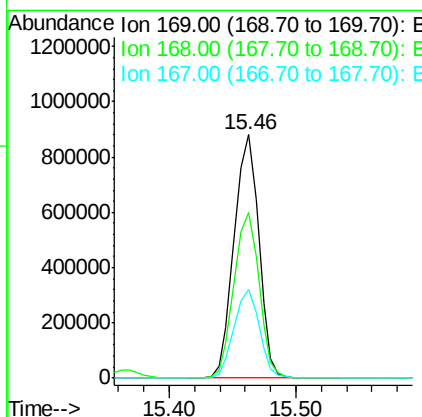
RT: 15.46 min Scan# 2121

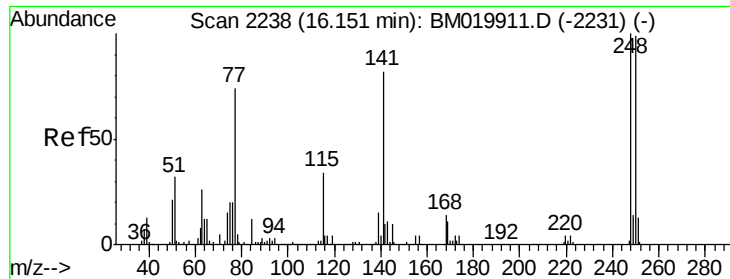
Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	169	Resp:	1192189
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.7	82.1
167	36.5	29.4	44.0





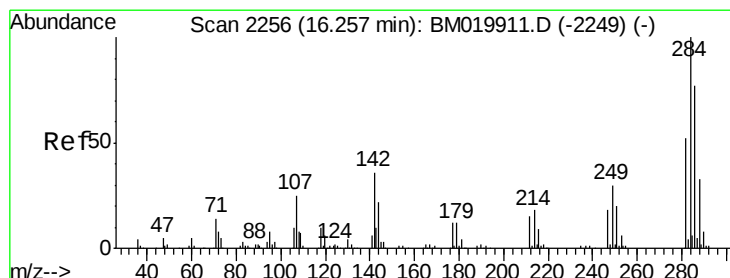
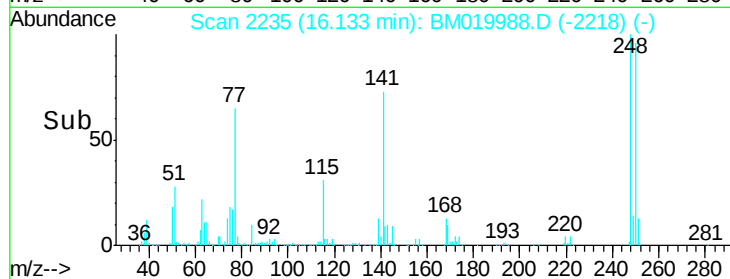
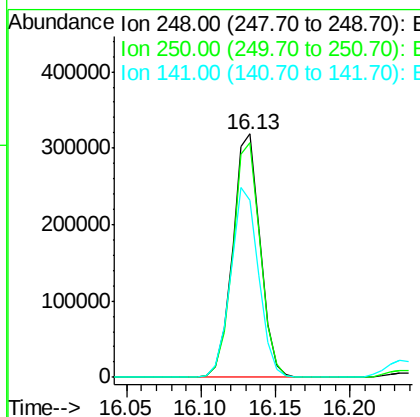
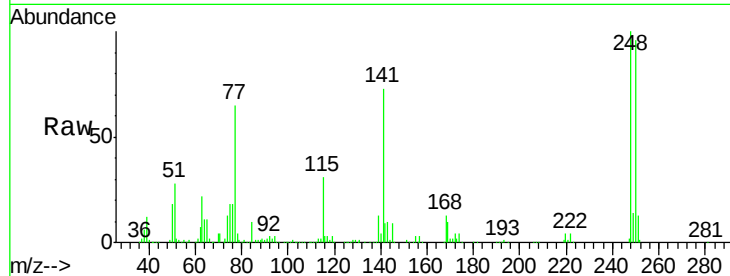
#67
 4-Bromophenyl-phenylether
 Concen: 40.277 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.9	118.3
141	72.6	65.6	98.4

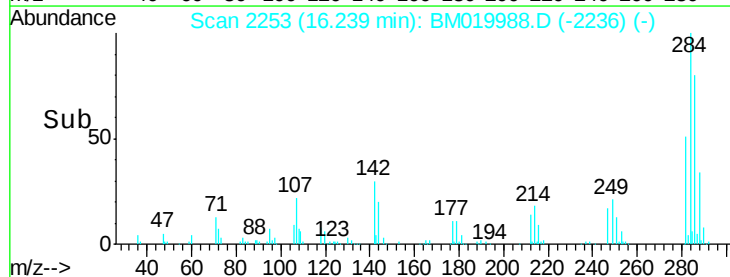
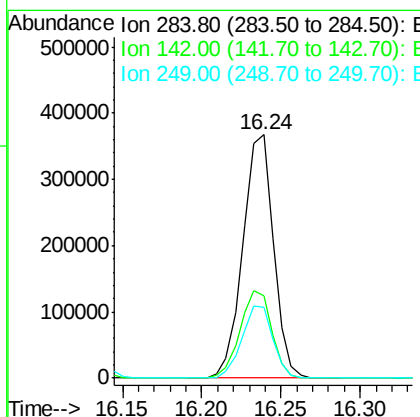
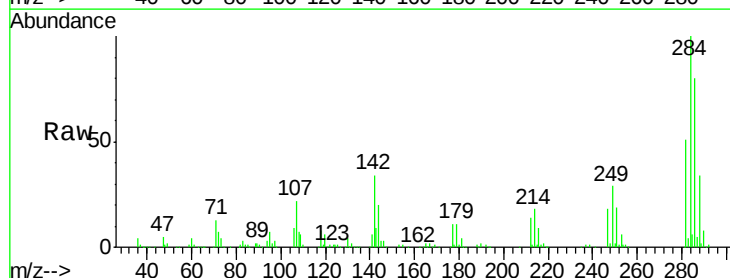
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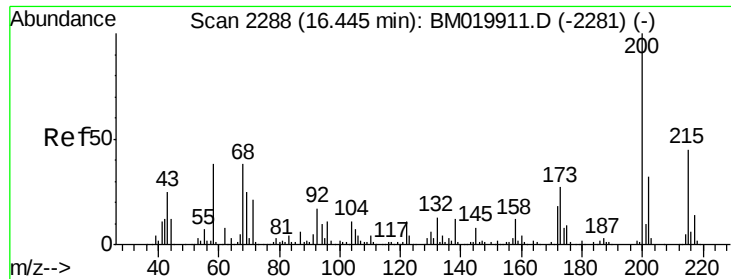
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#68
 Hexachlorobenzene
 Concen: 40.485 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	28.9	43.3
249	29.1	23.8	35.6





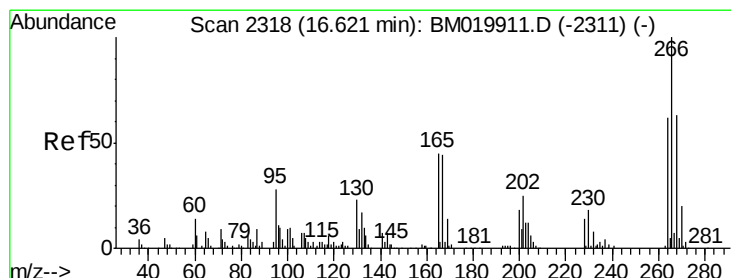
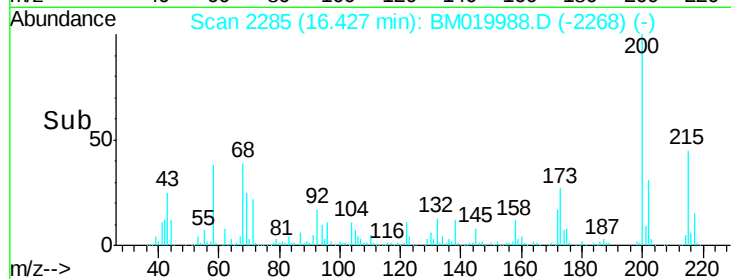
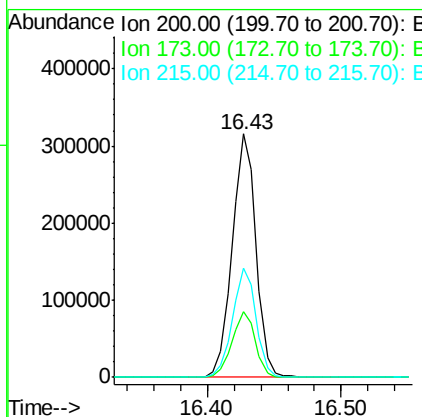
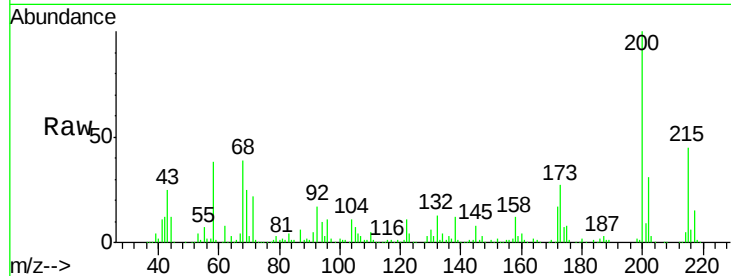
#69
 Atrazine
 Concen: 40.031 ng
 RT: 16.43 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	392959		
173	26.8	7.2	47.2	
215	44.7	25.4	65.4	

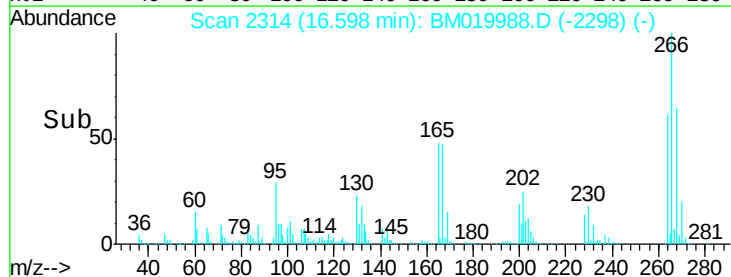
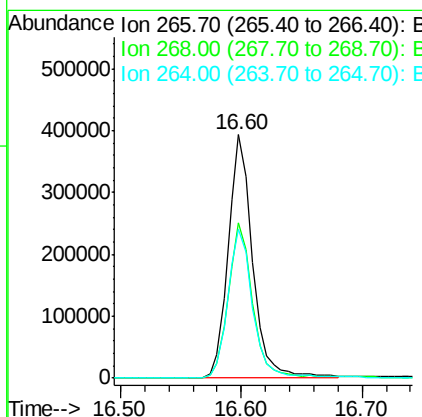
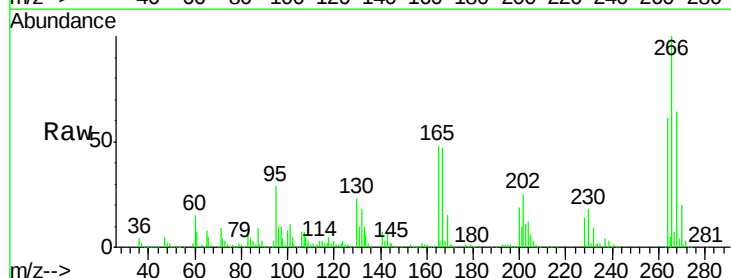
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#70
 Pentachlorophenol
 Concen: 88.857 ng
 RT: 16.60 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	553977		
268	63.9	50.3	75.5	
264	61.3	49.8	74.8	





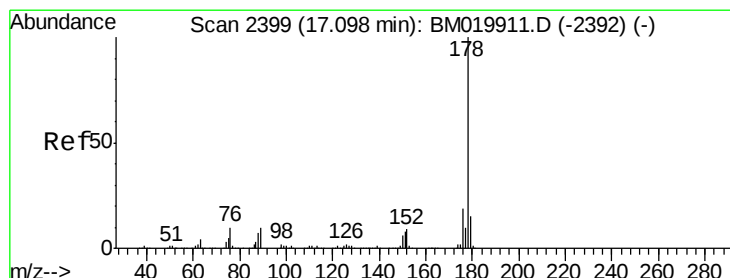
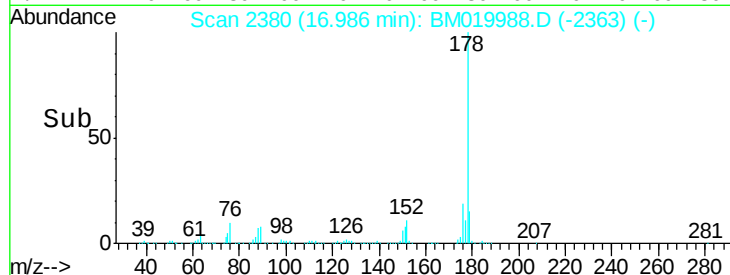
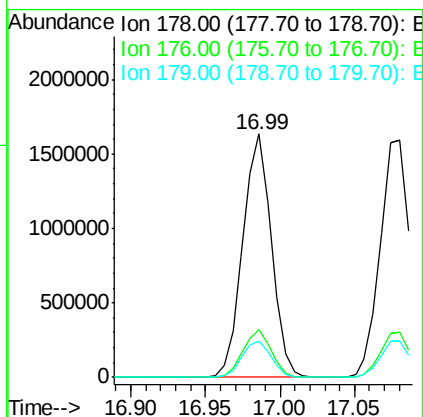
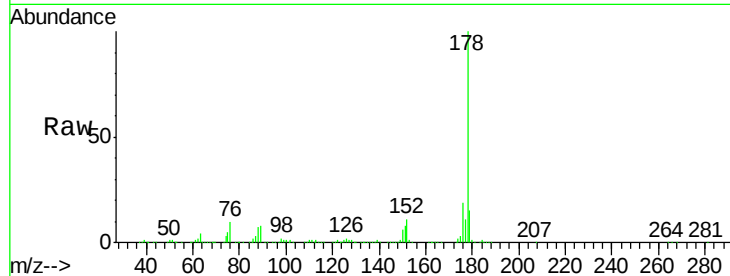
#71
Phenanthrene
Concen: 41.275 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion:178 Resp: 2166482
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 14.9 12.2 18.4

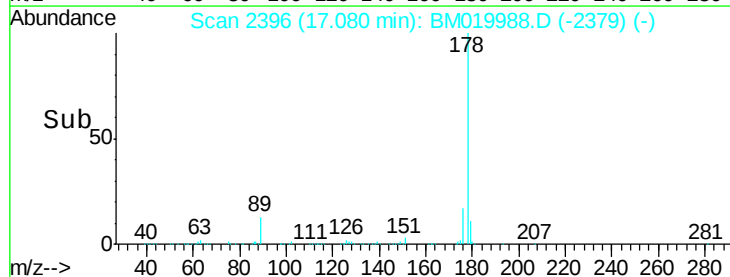
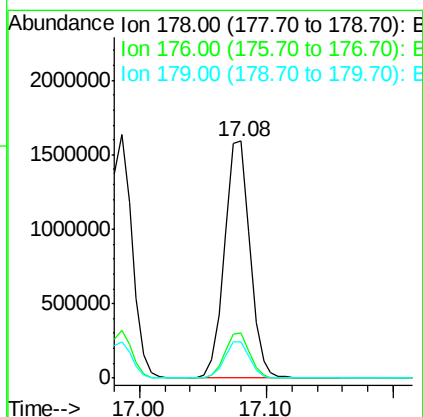
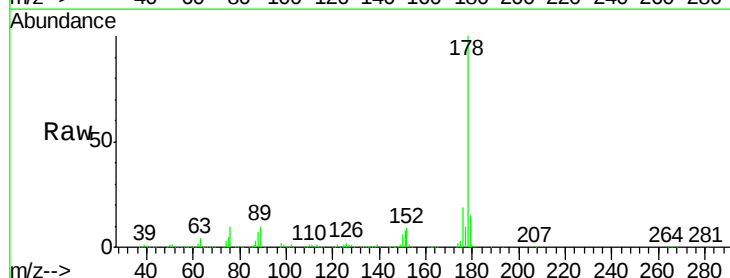
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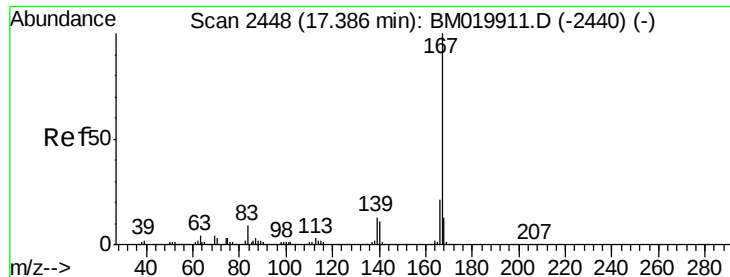
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#72
Anthracene
Concen: 42.141 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion:178 Resp: 2201830
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.1 12.2 18.4





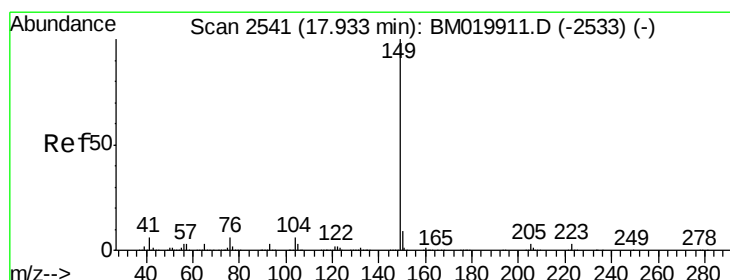
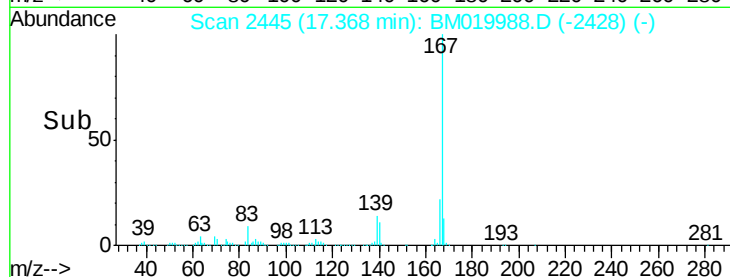
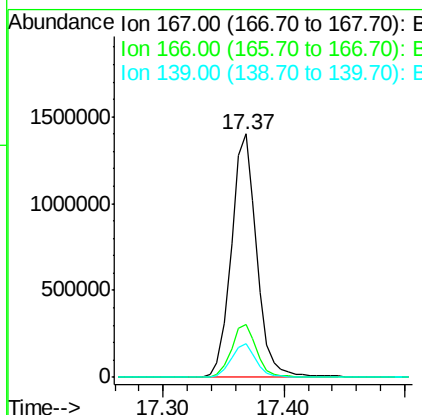
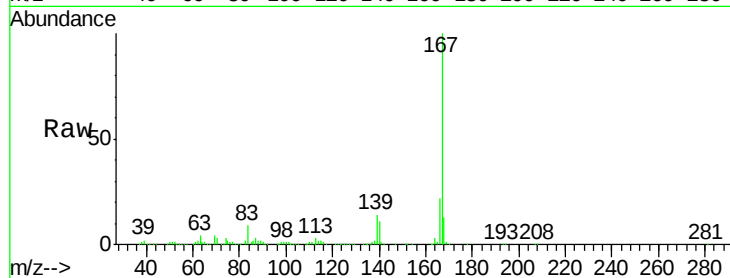
#73
 Carbazole
 Concen: 41.972 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BS

Tgt Ion:167 Resp: 2047493
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.6 10.7 16.1

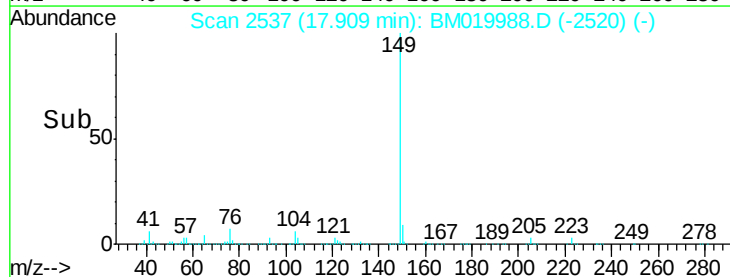
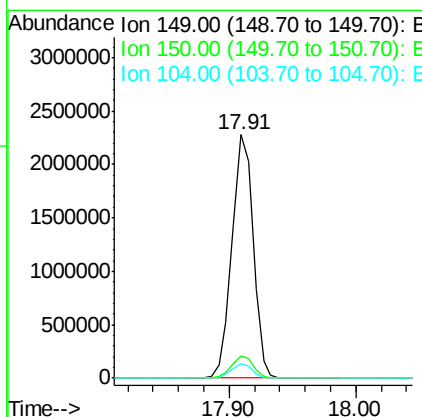
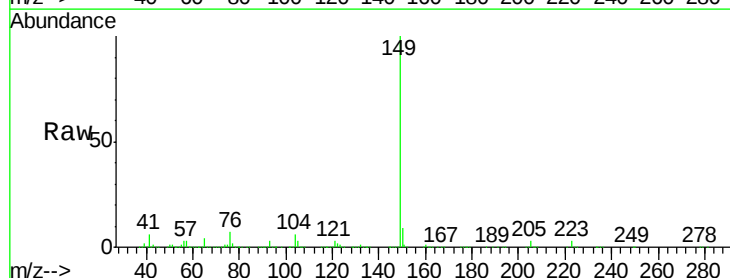
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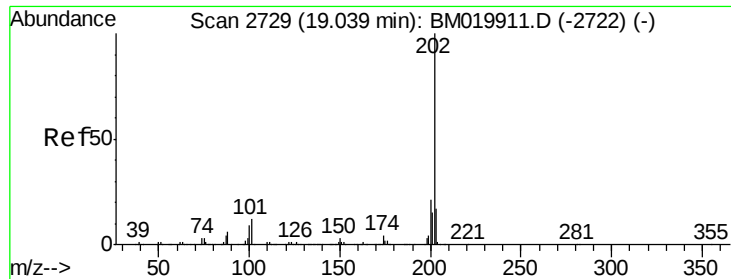
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#74
 Di-n-butylphthalate
 Concen: 40.985 ng
 RT: 17.91 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion:149 Resp: 2625690
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.8 4.6 7.0





#75

Fluoranthene

Concen: 42.963 ng

RT: 19.02 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

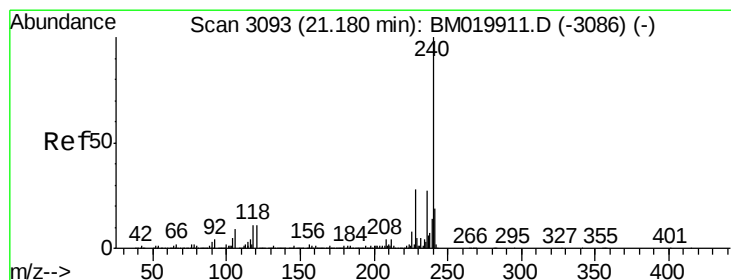
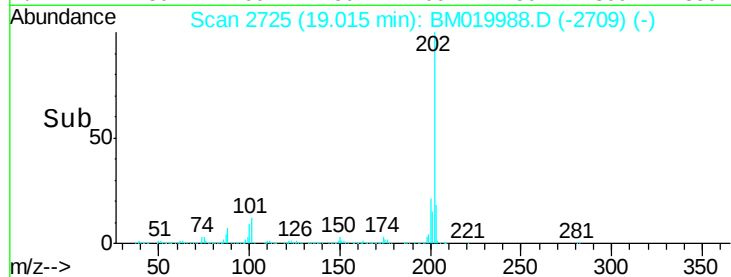
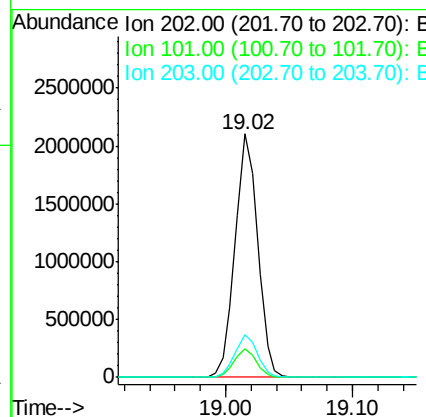
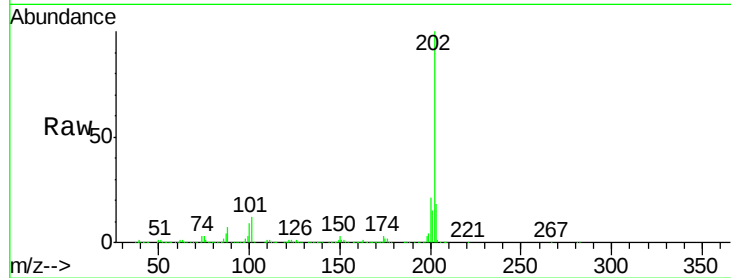
ClientSampleId :

PB119069BS

Tgt Ion:	202	Resp:	2595160
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.7
203	17.6	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

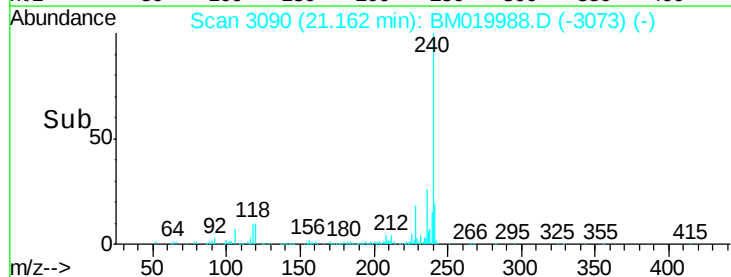
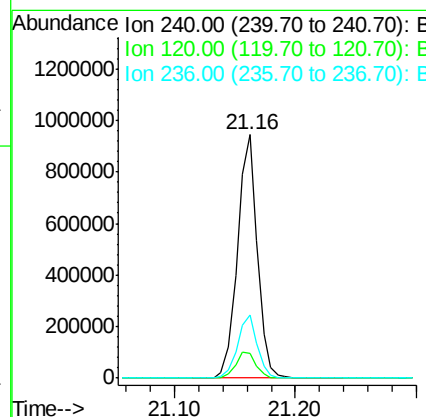
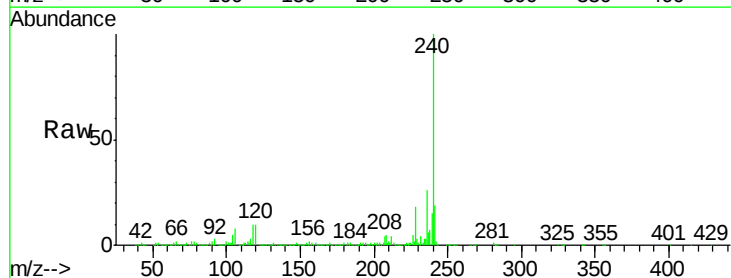
RT: 21.16 min Scan# 3090

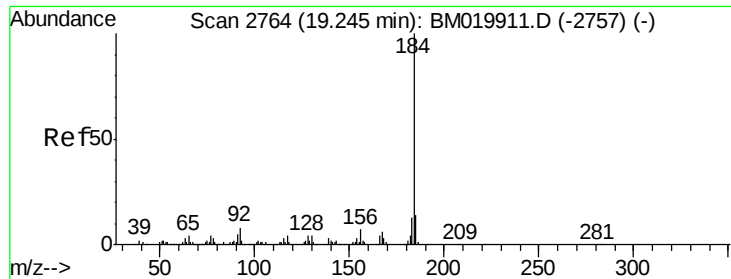
Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	240	Resp:	1079592
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	26.2	21.4	32.2





#77

Benzidine

Concen: 27.719 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

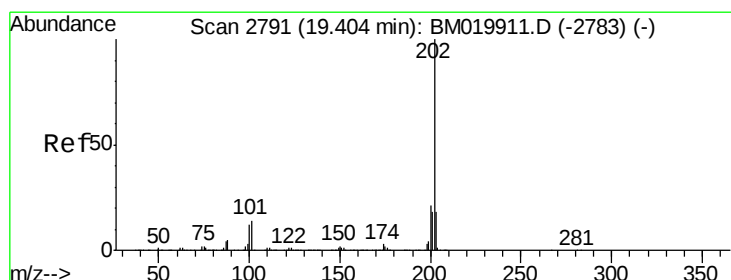
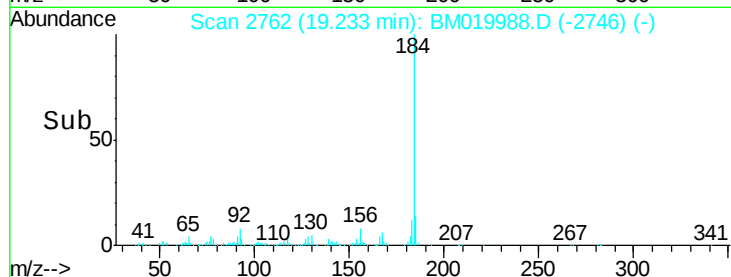
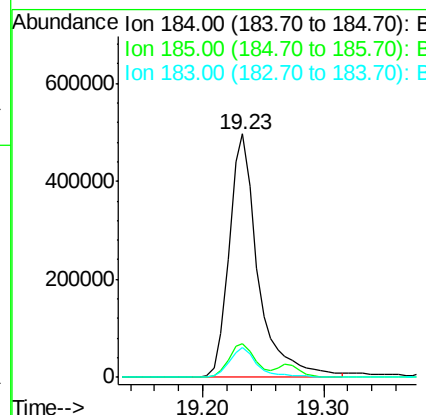
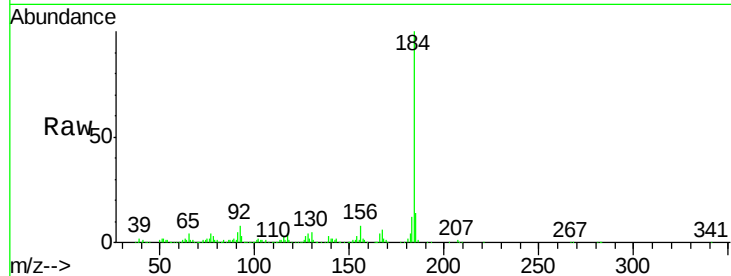
ClientSampleId :

PB119069BS

Tgt Ion:	184	Resp:	825667
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.0	16.6
183	12.2	10.1	15.1

Manual Integrations
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#78

Pyrene

Concen: 37.933 ng

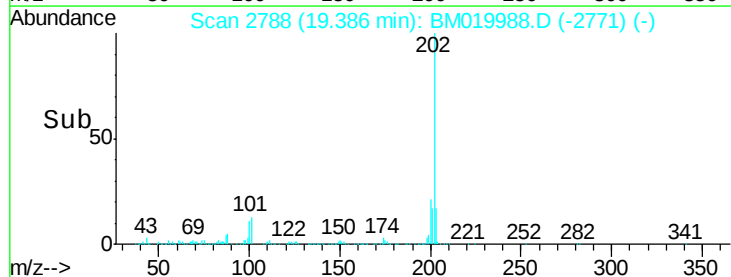
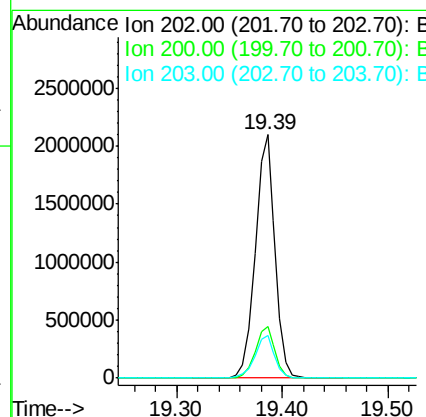
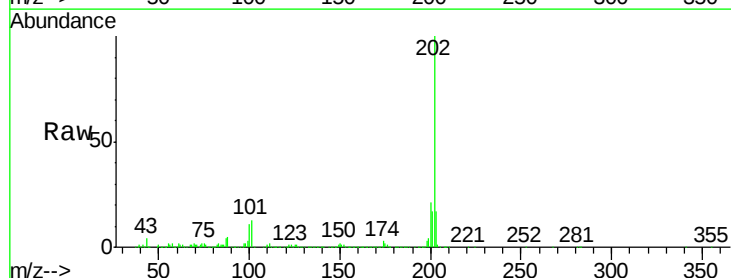
RT: 19.39 min Scan# 2788

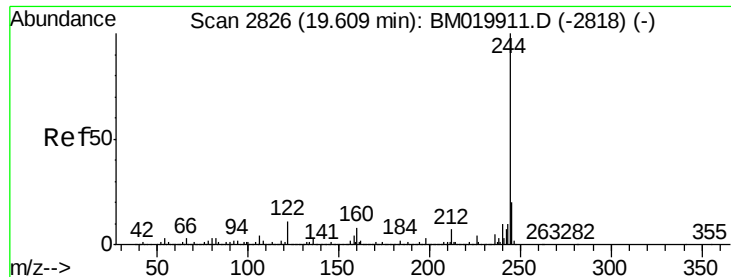
Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	202	Resp:	2711973
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	17.3	14.0	21.0





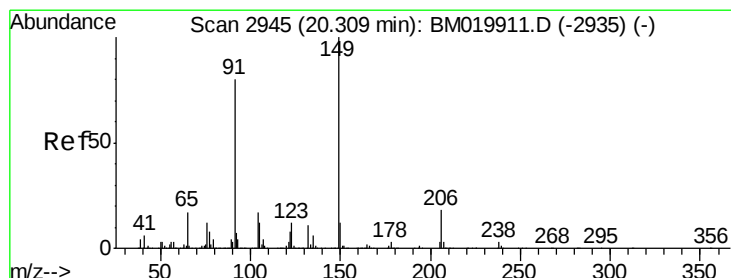
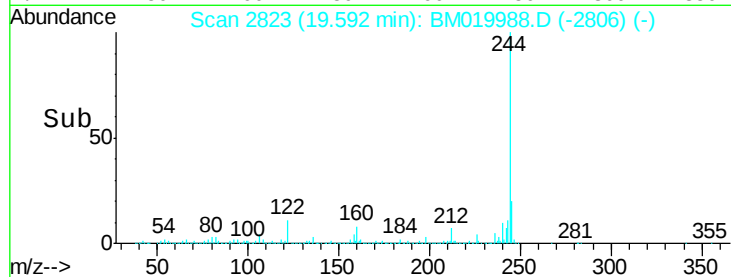
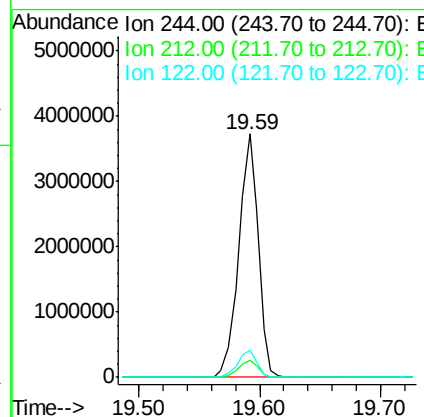
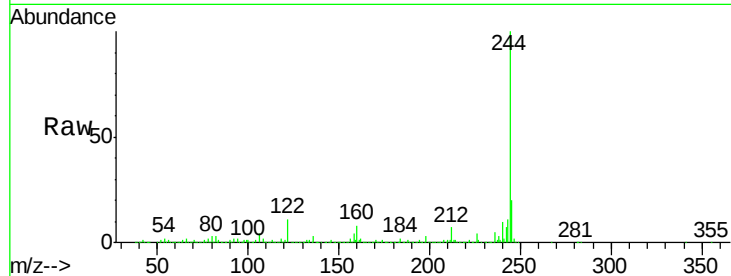
#79
 Terphenyl-d14
 Concen: 68.591 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Instrument :
 BNA_M
 ClientSampled :
 PB119069BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.0	9.1	13.7

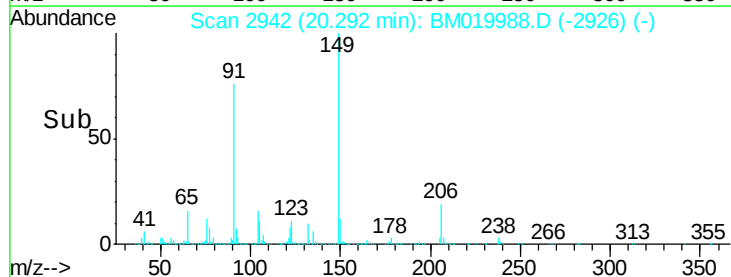
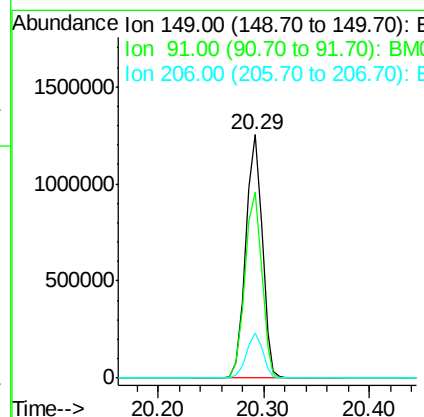
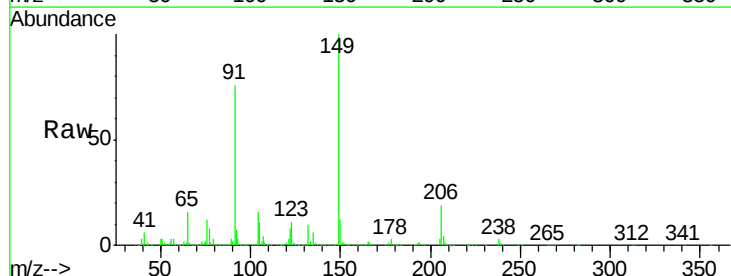
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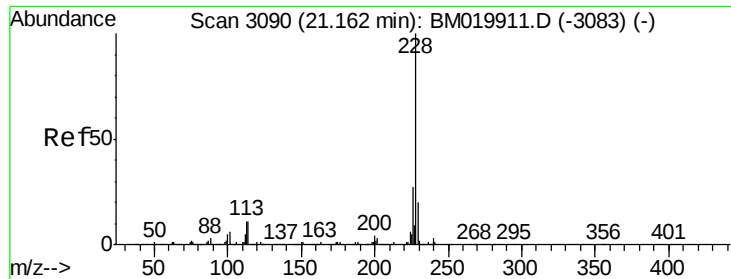
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#80
 Butylbenzylphthalate
 Concen: 38.824 ng
 RT: 20.29 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BM019988.D
 Acq: 20 Apr 2019 01:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.2	63.7	95.5
206	18.8	14.6	21.8





#81

Benzo(a)anthracene

Concen: 39.785 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

PB119069BS

Tgt Ion:228 Resp: 2720891

Ion Ratio Lower Upper

228 100

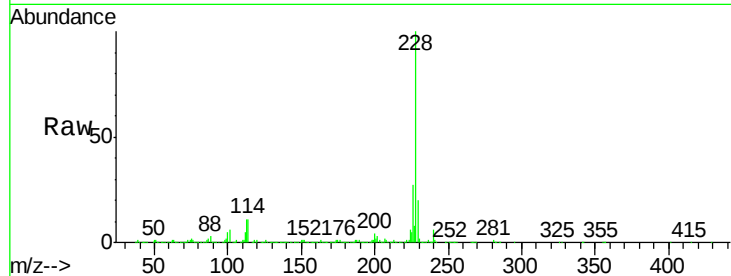
226 27.0 21.8 32.6

229 19.9 15.9 23.9

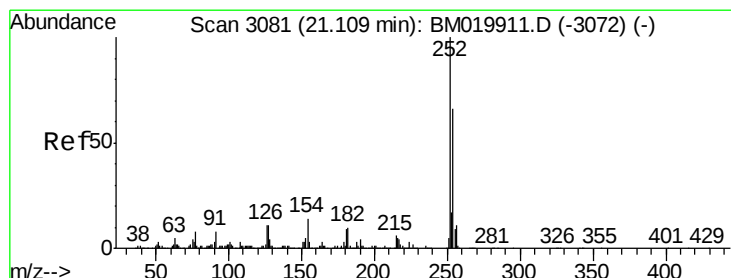
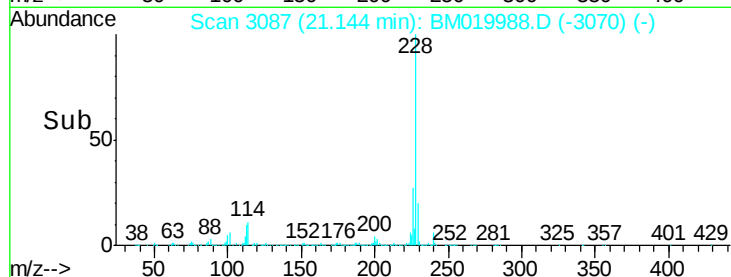
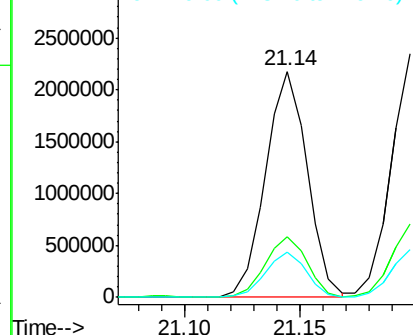
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.352 ng

RT: 21.09 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

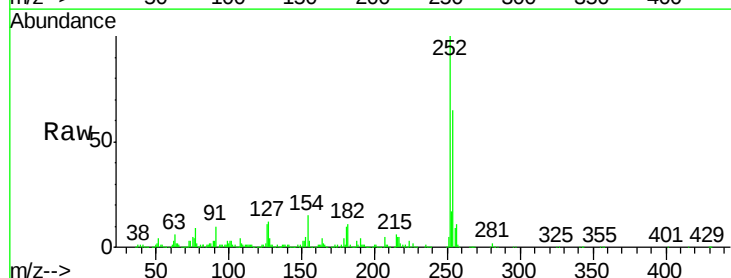
Tgt Ion:252 Resp: 975857

Ion Ratio Lower Upper

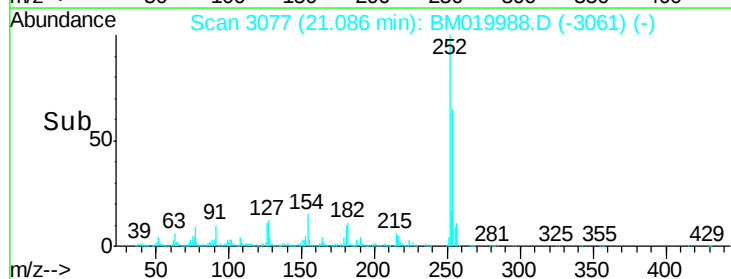
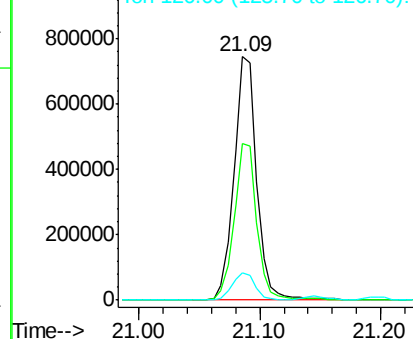
252 100

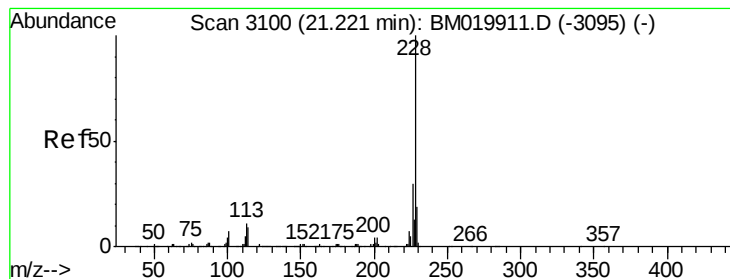
254 64.5 52.6 78.8

126 11.5 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: 40.292 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampleId :

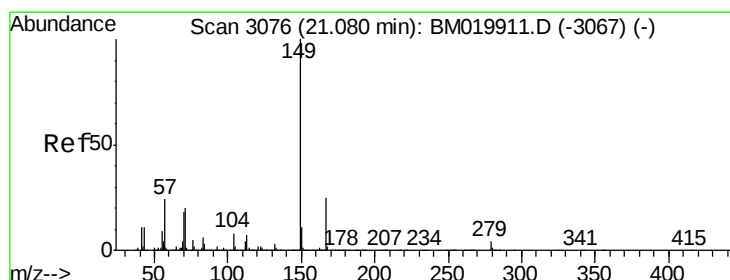
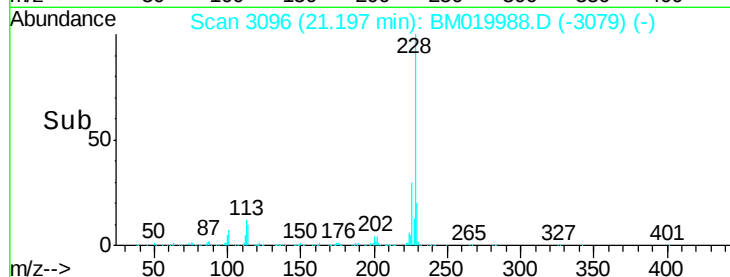
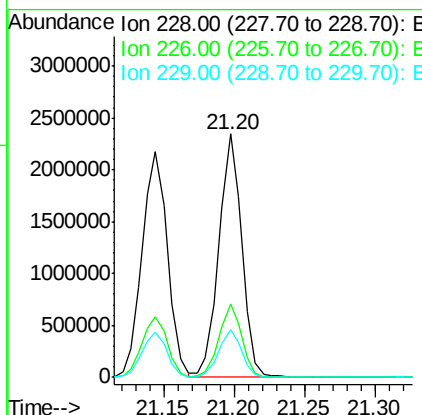
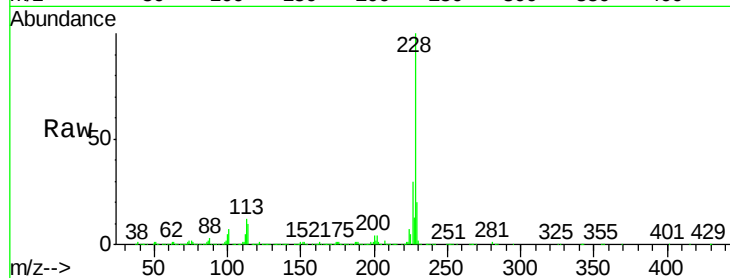
PB119069BS

Tgt Ion: 228 Resp: 2642587

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.6	15.6	23.4

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 37.905 ng

RT: 21.06 min Scan# 3072

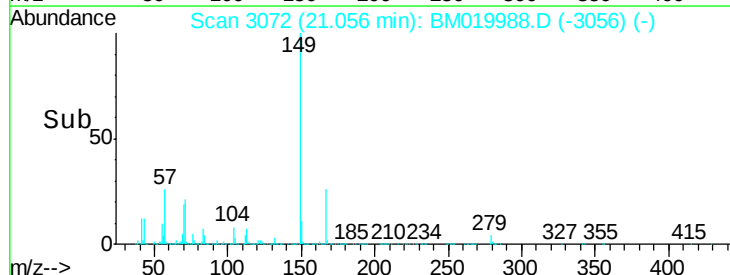
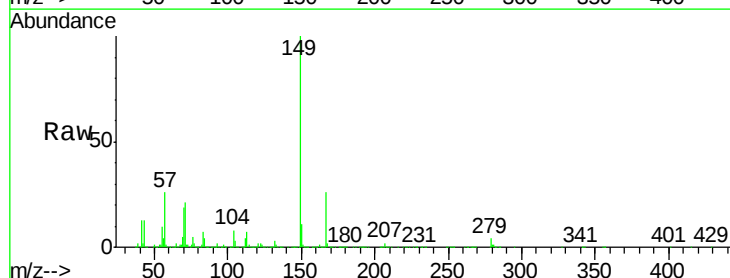
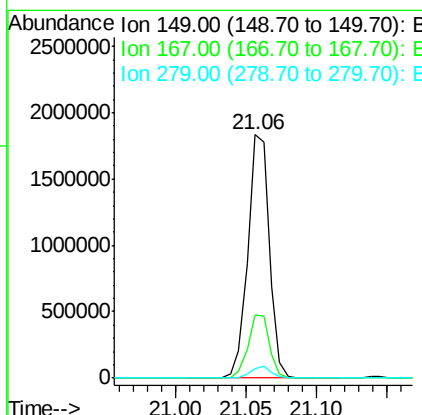
Delta R.T. -0.01 min

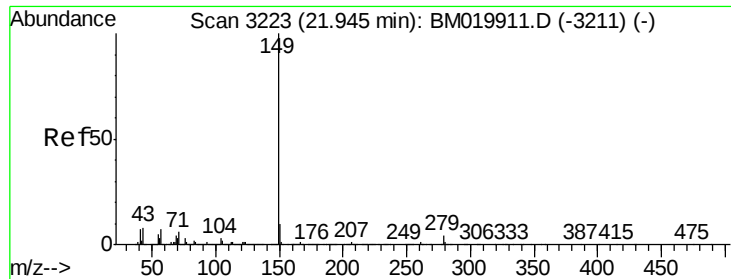
Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion: 149 Resp: 1955978

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.3	30.5
279	3.8	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 41.759 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

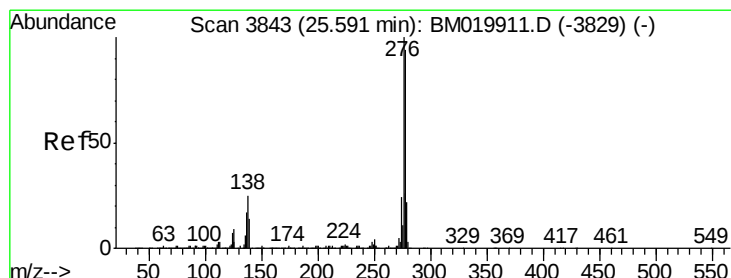
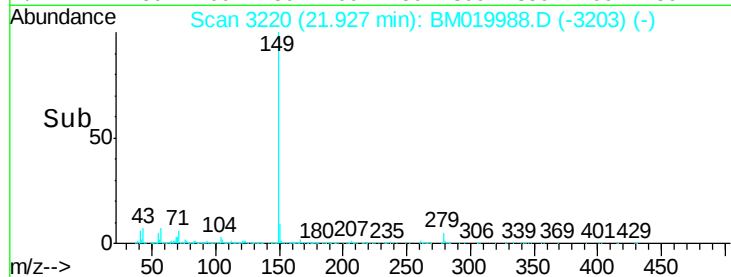
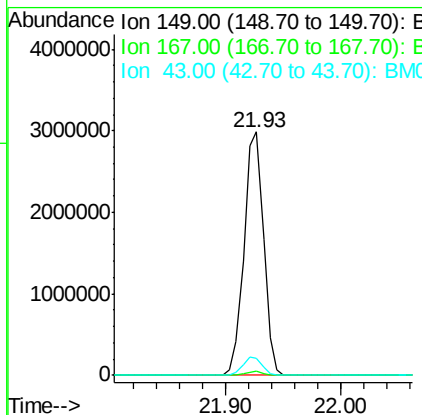
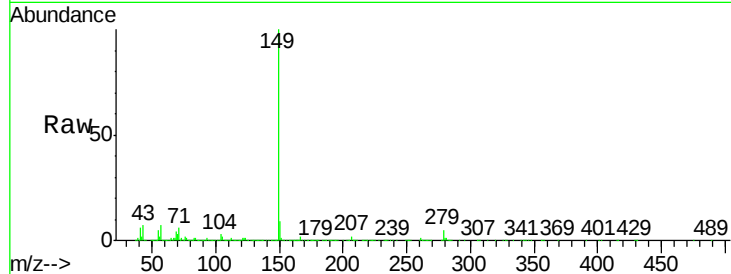
ClientSampleId :

PB119069BS

Tgt Ion:	149	Resp:	3496530
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.476 ng

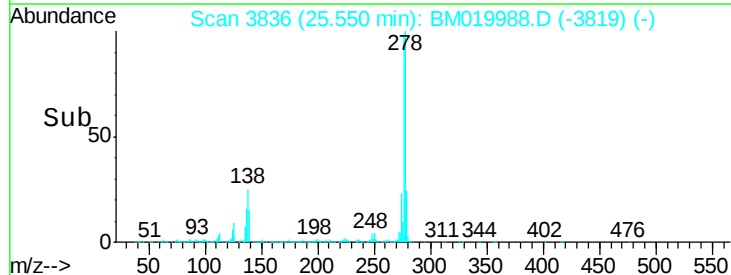
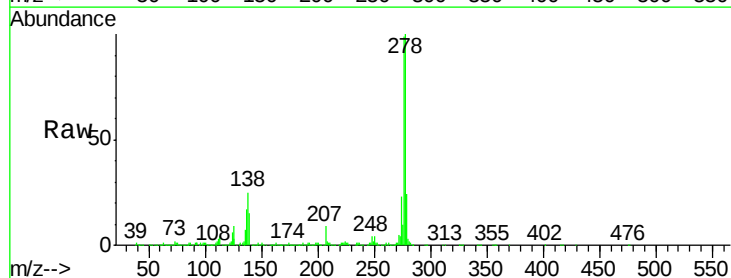
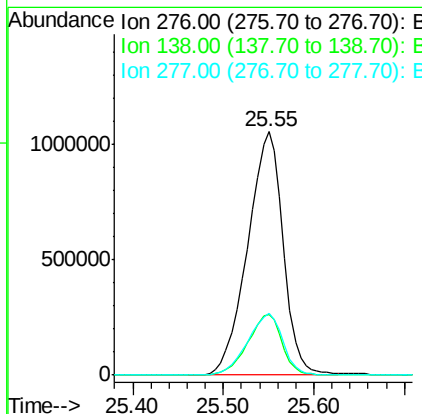
RT: 25.55 min Scan# 3836

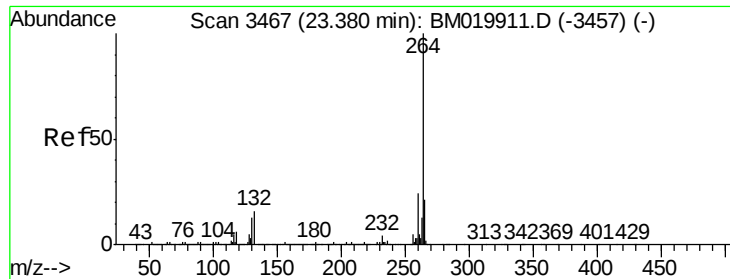
Delta R.T. -0.00 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	276	Resp:	2869556
Ion Ratio	Lower	Upper	
276	100		
138	24.1	19.0	28.6
277	25.3	20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

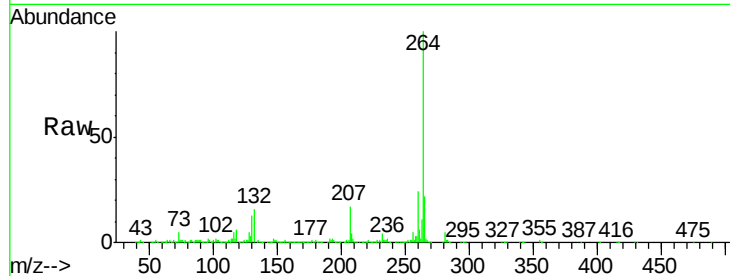
ClientSampleId :

PB119069BS

Tgt Ion:	264	Resp:	852567
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.3	17.2	25.8

Manual Integrations
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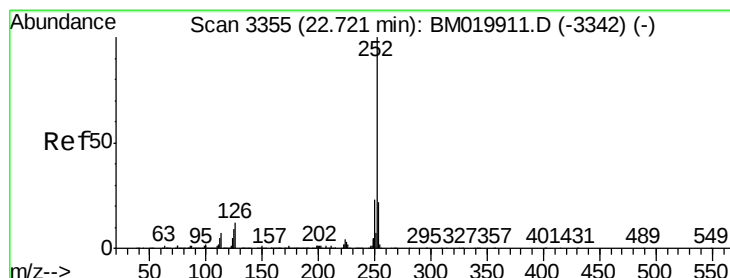
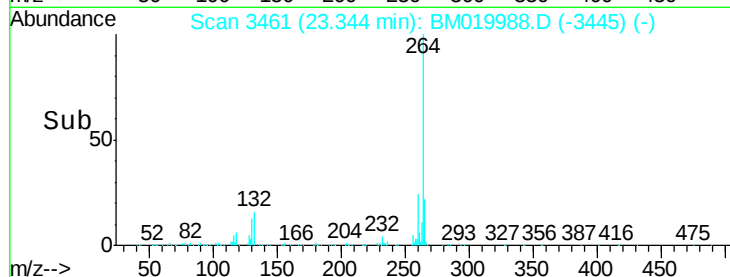
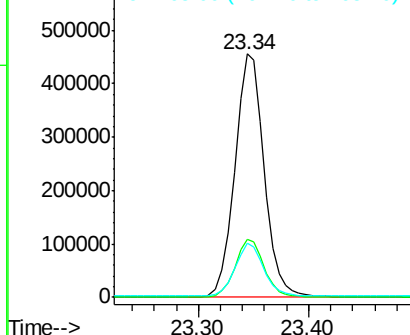


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.328 ng

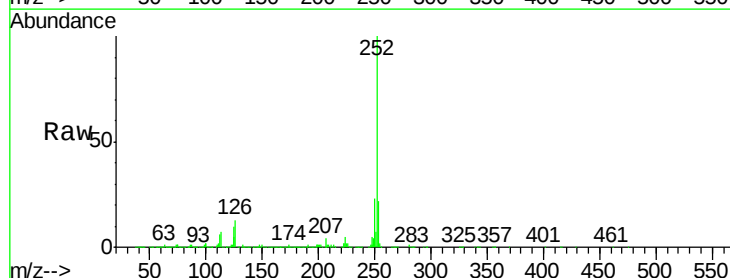
RT: 22.69 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Tgt Ion:	252	Resp:	2905760
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	10.1	7.6	11.4

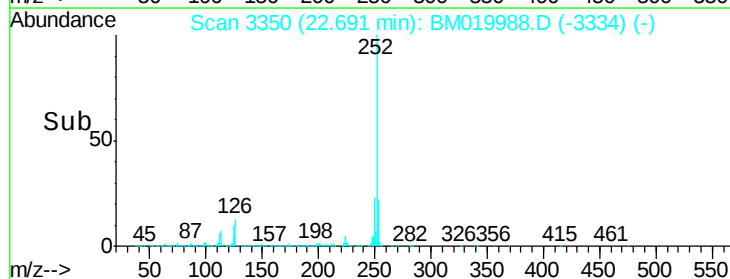
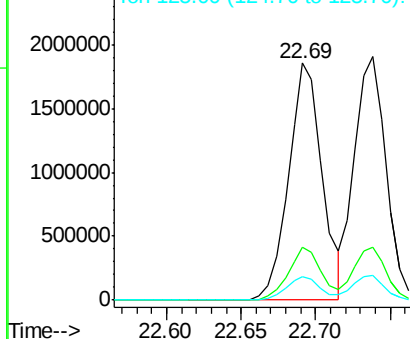


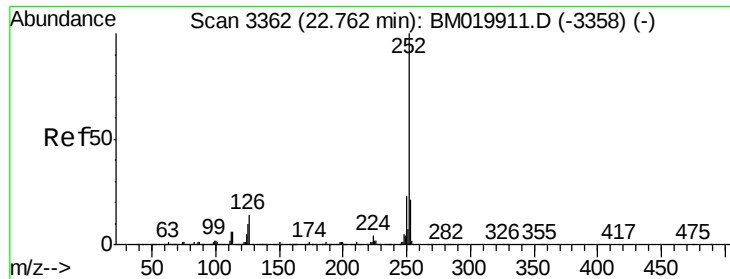
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





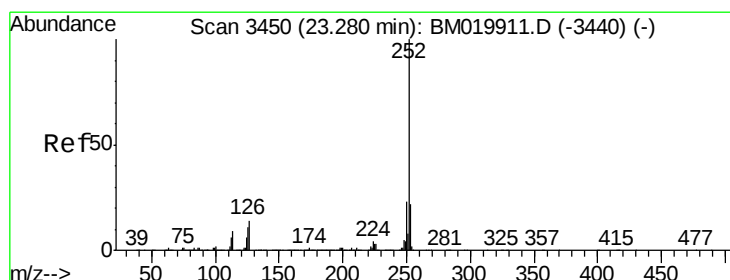
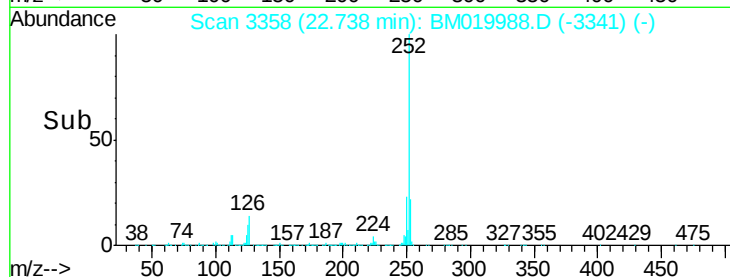
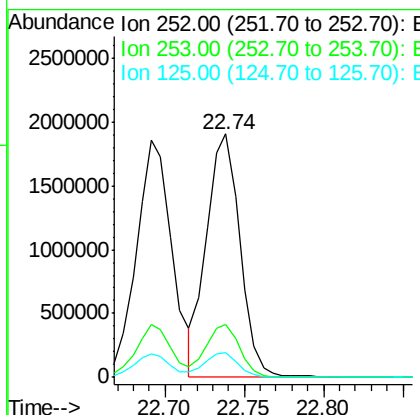
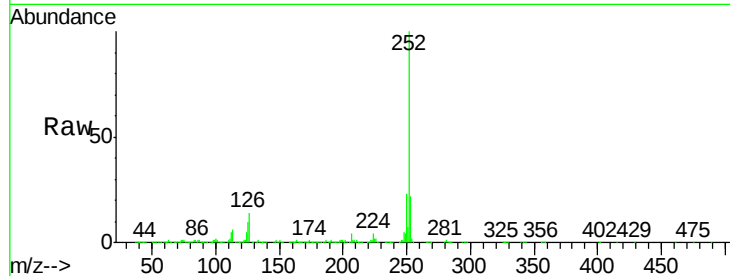
#89
Benzo(k)fluoranthene
Concen: 52.412 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Instrument :
BNA_M
ClientSampleId :
PB119069BS

Tgt Ion: 252 Resp: 2793380
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.1 8.2 12.4

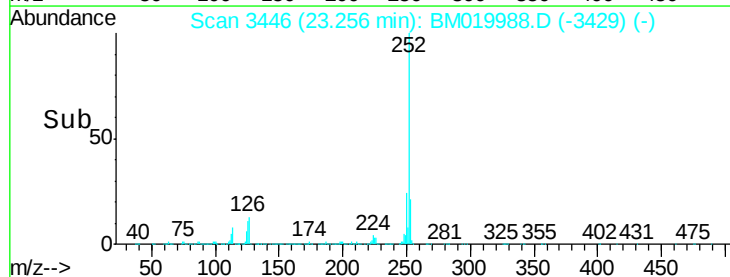
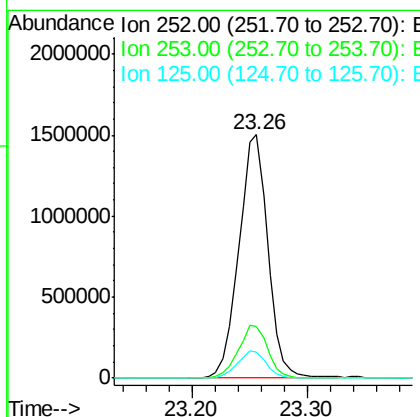
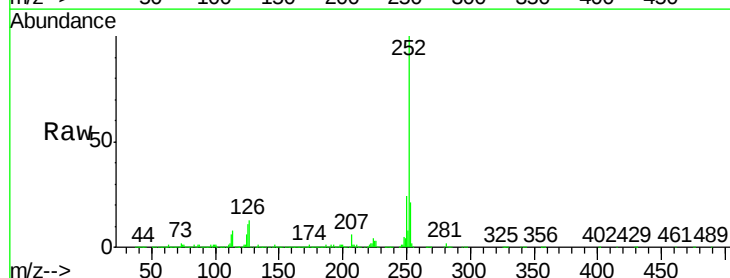
Manual Integrations
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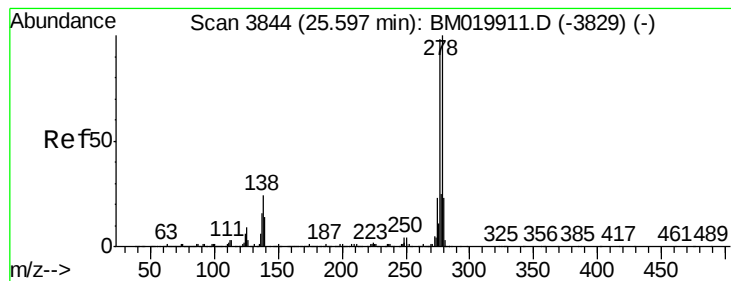
Sohil
4/23/2019 8:19:19 AM



#90
Benzo(a)pyrene
Concen: 52.244 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM019988.D
Acq: 20 Apr 2019 01:12

Tgt Ion: 252 Resp: 2620607
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 10.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 51.976 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

Instrument :

BNA_M

ClientSampled :

PB119069BS

Tgt Ion:278 Resp: 2513675

Ion Ratio Lower Upper

278 100

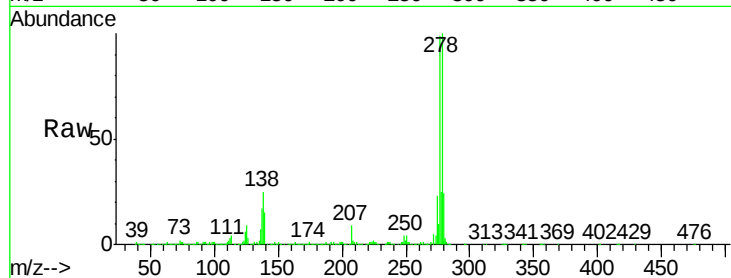
139 15.3 11.6 17.4

279 23.7 18.4 27.6

Manual Integrations
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Sohil

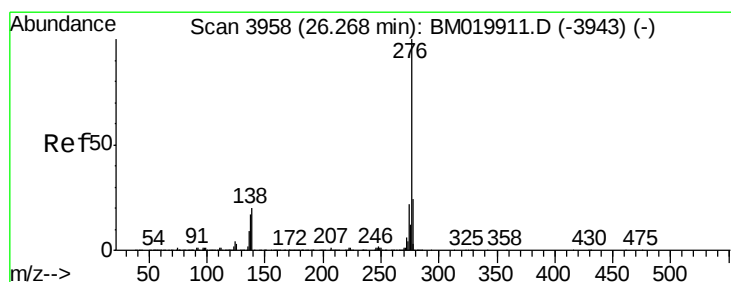
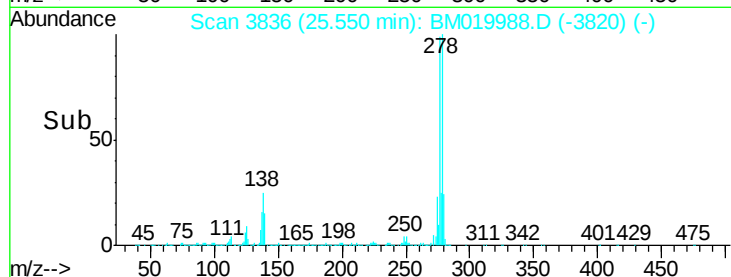
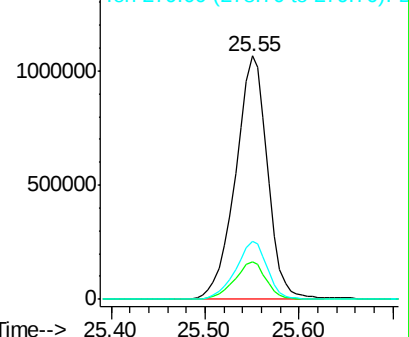
4/23/2019 8:19:19 AM



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: 50.488 ng

RT: 26.21 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BM019988.D

Acq: 20 Apr 2019 01:12

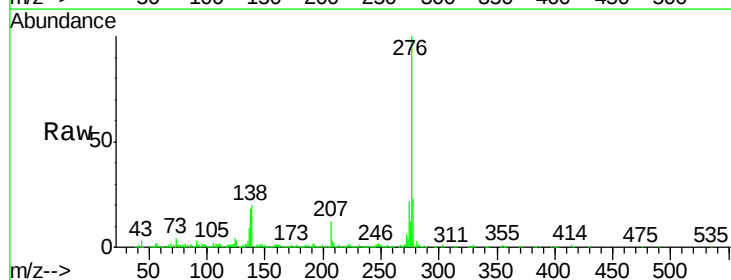
Tgt Ion:276 Resp: 2211538

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.3 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

