

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016611.D
 Acq On : 27 Aug 2018 17:51
 Operator : SJ/JU
 Sample : J4636-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Manual Integrations
 APPROVED

Sohil
 8/28/2018 11:16:56 AM

Quant Time: Aug 28 04:03:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	105446	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	385234	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	299213	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	948858	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1301189	20.00	ng	0.00
86) Perylene-d12	23.81	264	1314016	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	601111	111.71	ng	0.00
7) Phenol-d6	7.19	99	761948	107.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	689087	81.67	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	1018654	121.79	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2416248	77.62	ng	0.00
78) Terphenyl-d14	19.98	244	5542491	90.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	97770	32.888	ng	# 100
3) Pyridine	3.80	79	189544	30.645	ng	# 82
4) n-Nitrosodimethylamine	3.72	42	125846	45.671	ng	# 62
6) Aniline	7.35	93	213707	26.820	ng	# 86
8) 2-Chlorophenol	7.57	128	257039	40.144	ng	# 93
9) Benzaldehyde	7.16	77	156449	31.659	ng	# 77
10) Phenol	7.22	94	272142	38.646	ng	# 90
11) bis(2-Chloroethyl)ether	7.43	93	186763	35.368	ng	# 95
12) 1,3-Dichlorobenzene	7.89	146	295637	34.825	ng	# 83
13) 1,4-Dichlorobenzene	8.04	146	302879	34.765	ng	# 99
14) 1,2-Dichlorobenzene	8.35	146	306014	35.753	ng	# 95
15) Benzyl Alcohol	8.27	79	257300	38.911	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.52	45	126985	34.924	ng	# 48
17) 2-Methylphenol	8.46	107	194366	38.116	ng	# 72
18) Hexachloroethane	9.06	117	165635	41.269	ng	# 38
19) n-Nitroso-di-n-propylamine	8.82	70	196285	35.159	ng	# 87
20) 3+4-Methylphenols	8.80	107	259856	36.856	ng	# 79
22) Acetophenone	8.85	105	381428	41.118	ng	# 97
24) Nitrobenzene	9.23	77	341300	40.486	ng	# 89
25) Isophorone	9.75	82	543493	48.197	ng	# 92
26) 2-Nitrophenol	9.95	139	148133	41.103	ng	# 40
27) 2,4-Dimethylphenol	10.00	122	217382	46.285	ng	# 75
28) bis(2-Chloroethoxy)methane	10.23	93	281335	41.795	ng	# 96
29) 2,4-Dichlorophenol	10.48	162	329339	46.853	ng	# 93
30) 1,2,4-Trichlorobenzene	10.67	180	517064	48.478	ng	# 94
31) Naphthalene	10.86	128	777924	42.384	ng	# 99
32) Benzoic acid	10.16	122	16874	4.294	ng	# 73
33) 4-Chloroaniline	11.00	127	153250	19.840	ng	# 84
34) Hexachlorobutadiene	11.11	225	534165	52.471	ng	# 99
35) Caprolactam	11.82	113	57968m	34.368	ng	# 88
36) 4-Chloro-3-methylphenol	12.12	107	271571	40.188	ng	# 85
37) 2-Methylnaphthalene	12.47	142	671119	46.707	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	801004	47.400	ng	# 94
40) Hexachlorocyclopentadiene	12.79	237	872205	102.324	ng	# 94

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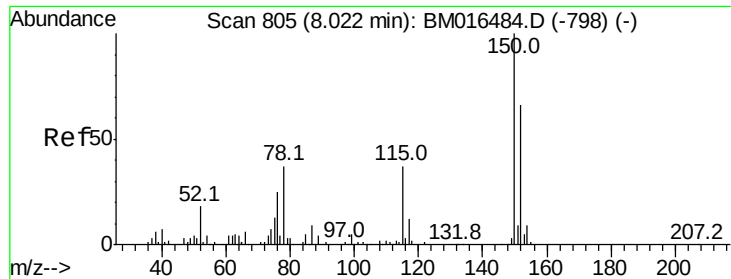
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	471786	46.687	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	461082	46.711	nq	# 97
45) 1,1'-Biphenyl	13.47	154	954484	36.380	nq	99
46) 2-Chloronaphthalene	13.53	162	783276	36.747	nq	97
47) 2-Nitroaniline	13.76	65	199959	35.220	nq	# 78
48) Acenaphthylene	14.37	152	1159605	38.540	nq	98
49) Dimethylphthalate	14.11	163	1336693	46.500	nq	# 98
50) 2,6-Dinitrotoluene	14.25	165	224779	40.089	nq	# 80
51) Acenaphthene	14.71	154	691324	37.400	nq	96
52) 3-Nitroaniline	14.59	138	112596	22.070	nq	87
53) 2,4-Dinitrophenol	14.82	184	217435	77.491	nq	# 67
54) Dibenzofuran	15.04	168	1412692	39.923	nq	91
55) 4-Nitrophenol	14.91	139	207162	63.664	nq	# 79
56) 2,4-Dinitrotoluene	15.05	165	353296	37.787	nq	# 98
57) Fluorene	15.69	166	1130708	42.299	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	460743	48.564	nq	# 100
59) Diethylphthalate	15.46	149	1096957	36.598	nq	95
60) 4-Chlorophenyl-phenylether	15.68	204	967643	43.165	nq	# 84
61) 4-Nitroaniline	15.76	138	145081	29.098	nq	# 1
62) Azobenzene	15.97	77	1270212	39.787	nq	90
64) 4,6-Dinitro-2-methylphenol	15.82	198	234157	32.478	nq	# 56
65) n-Nitrosodiphenylamine	15.90	169	966217	36.197	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	619588	42.497	nq	97
67) Hexachlorobenzene	16.69	284	698389	41.076	nq	98
68) Atrazine	16.85	200	561789	46.116	nq	91
69) Pentachlorophenol	17.04	266	610435	67.855	nq	97
70) Phenanthrene	17.43	178	1945976	39.680	nq	99
71) Anthracene	17.52	178	1958468	40.216	nq	99
72) Carbazole	17.80	167	1406921	32.147	nq	97
73) Di-n-butylphthalate	18.33	149	1826889	34.240	nq	# 97
74) Fluoranthene	19.43	202	2984437	41.504	nq	93
76) Benzidine	19.63	184	1124103	44.922	nq	98
77) Pyrene	19.79	202	3027750	42.816	nq	100
79) Butylbenzylphthalate	20.66	149	871254	35.694	nq	# 73
80) Benzo(a)anthracene	21.52	228	3263368	42.659	nq	99
81) 3,3'-Dichlorobenzidine	21.45	252	968762	28.450	nq	# 97
82) Chrysene	21.57	228	2925192	40.077	nq	99
83) Bis(2-ethylhexyl)phthalate	21.41	149	1272570	35.070	nq	# 96
84) Di-n-octyl phthalate	22.29	149	2067092	34.279	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.13	276	4009303	38.196	nq	# 92
87) Benzo(b)fluoranthene	23.13	252	3309648	43.693	nq	# 90
88) Benzo(k)fluoranthene	23.17	252	3326477	43.161	nq	# 94
89) Benzo(a)pyrene	23.71	252	3197536	43.384	nq	# 94
90) Dibenzo(a,h)anthracene	26.13	278	3356008	40.630	nq	# 87
91) Benzo(g,h,i)perylene	26.84	276	3061036	41.284	nq	# 79

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



#1

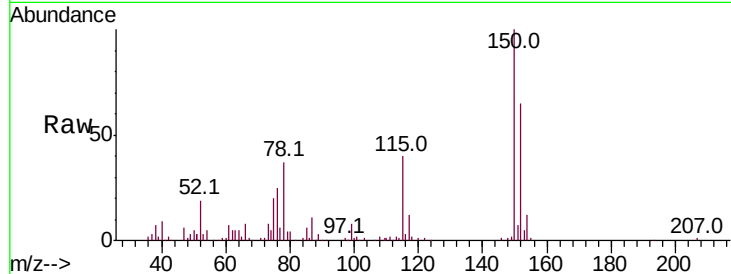
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	61.6	43.0	64.4

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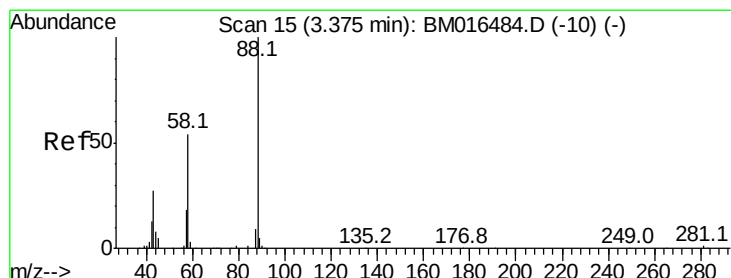
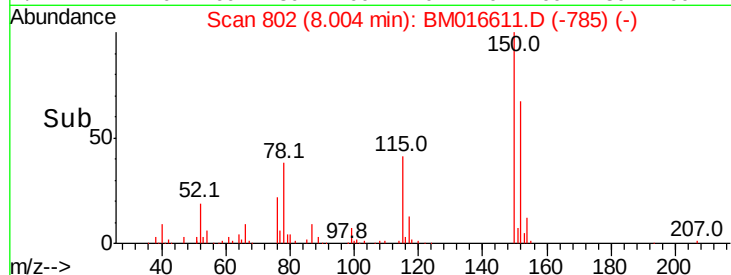
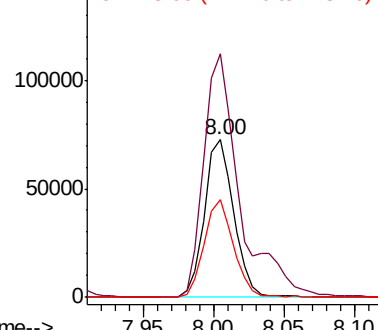


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

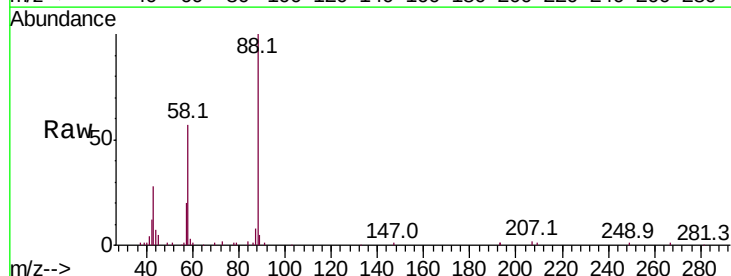
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.888 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.7	0.0	0.0#
43	28.2	0.0	0.0#

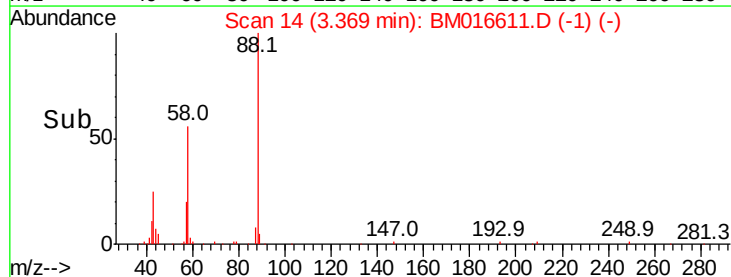
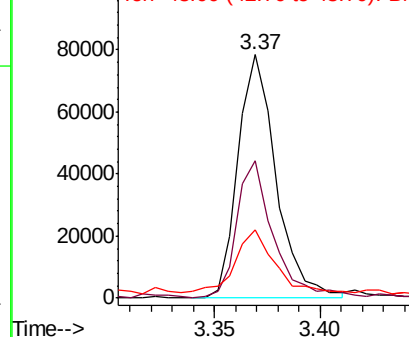


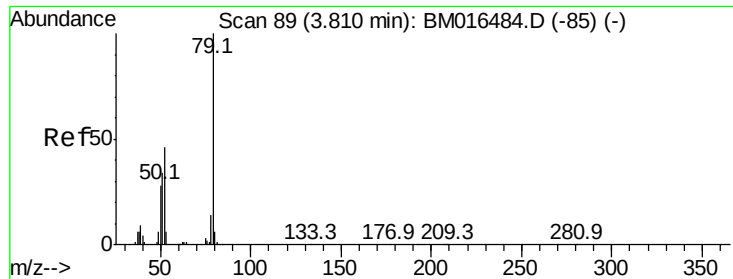
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 30.645 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

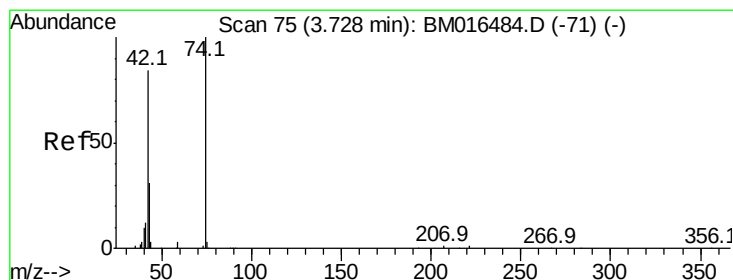
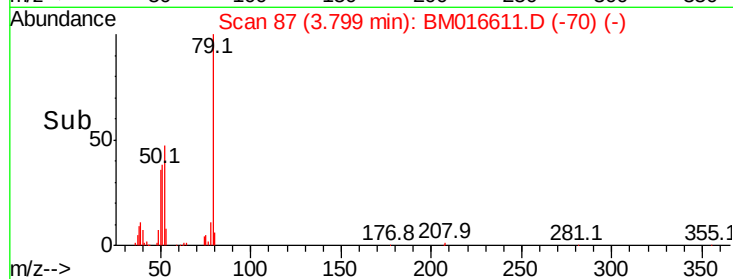
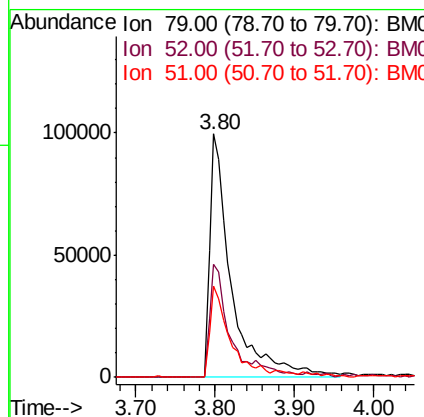
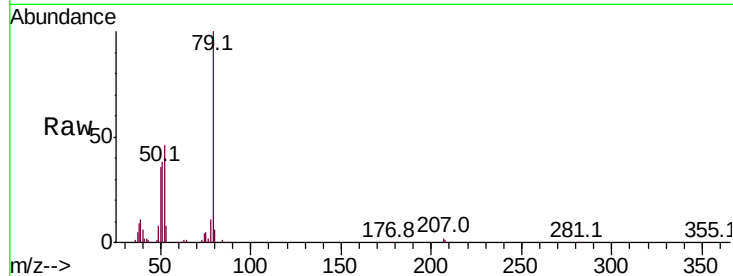
ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:	79	Resp:	189544
Ion Ratio	Lower	Upper	
79	100		
52	46.3	51.1	76.7#
51	37.5	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 45.671 ng

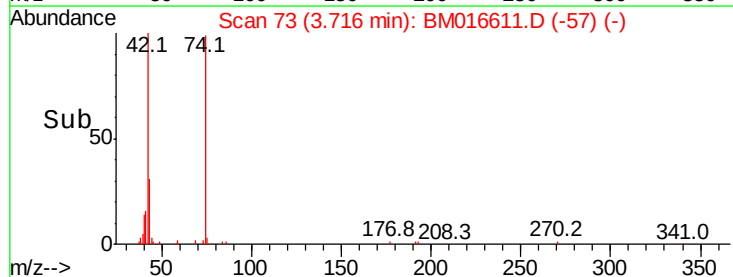
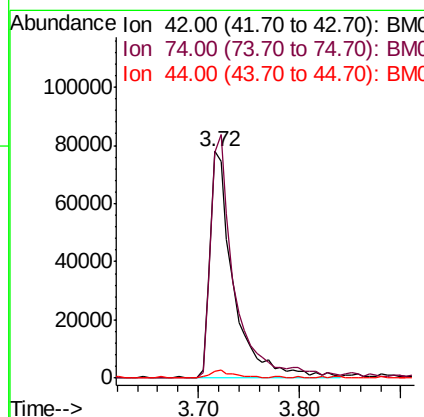
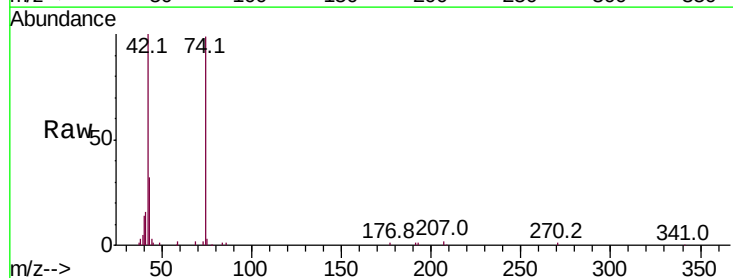
RT: 3.72 min Scan# 73

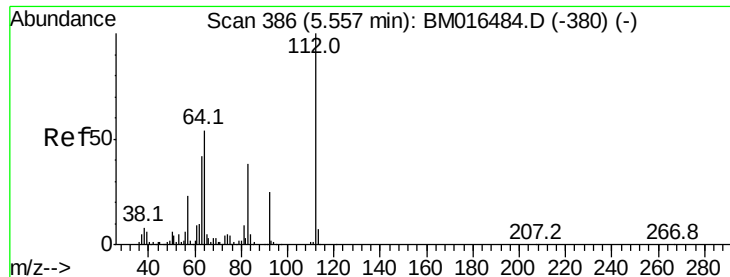
Delta R.T. -0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:	42	Resp:	125846
Ion Ratio	Lower	Upper	
42	100		
74	99.4	119.3	178.9#
44	3.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 111.709 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

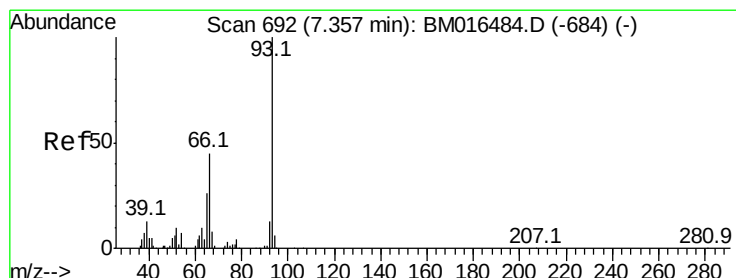
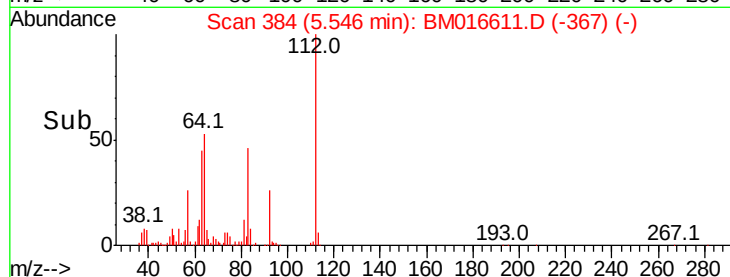
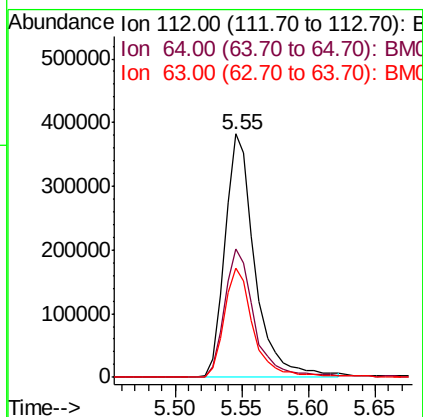
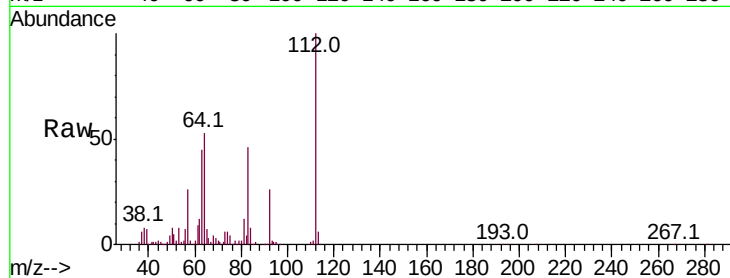
ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:	112	Resp:	601111
Ion Ratio	Lower	Upper	
112	100		
64	52.7	38.6	57.8
63	44.6	19.3	28.9#

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#6

Aniline

Concen: 26.820 ng

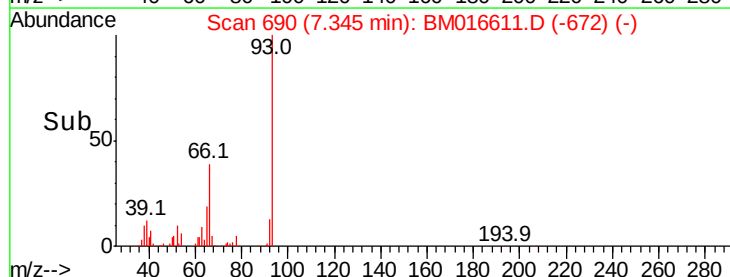
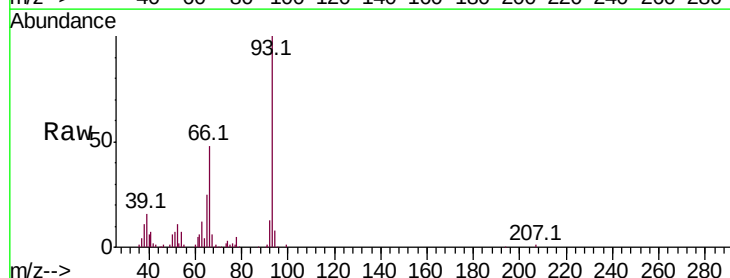
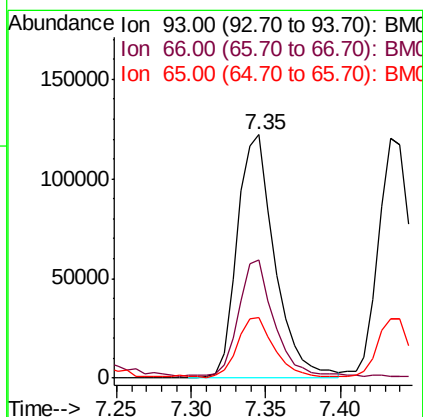
RT: 7.35 min Scan# 690

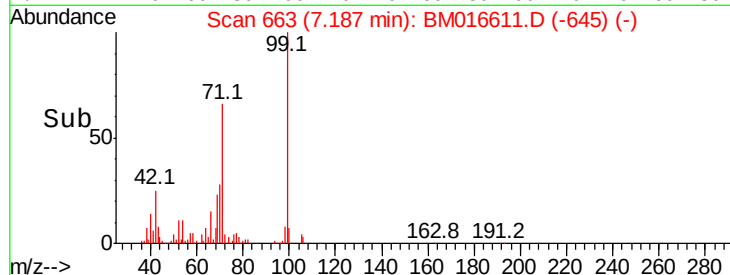
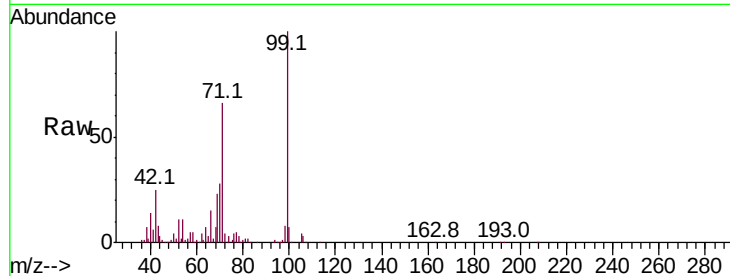
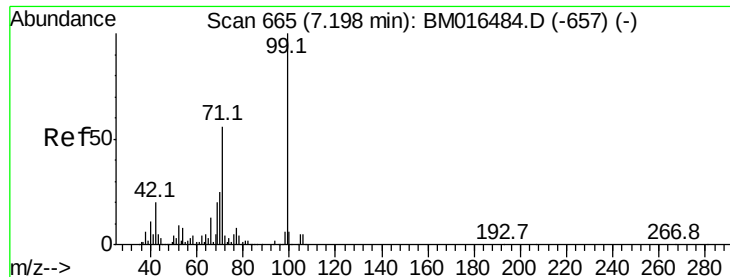
Delta R.T. 0.01 min

Lab File: BM016611.D

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Tgt Ion:	93	Resp:	213707
Ion Ratio	Lower	Upper	
93	100		
66	48.4	30.8	46.2#
65	24.6	16.0	24.0#





#7

Phenol-d6

Concen: 107.006 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		761948		
42	25.2	11.0	16.4#		
71	66.2	23.4	35.2#		

Instrument :

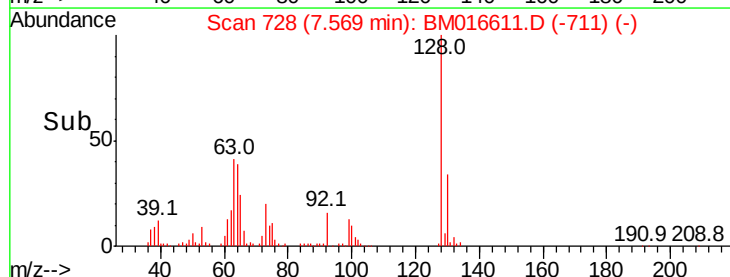
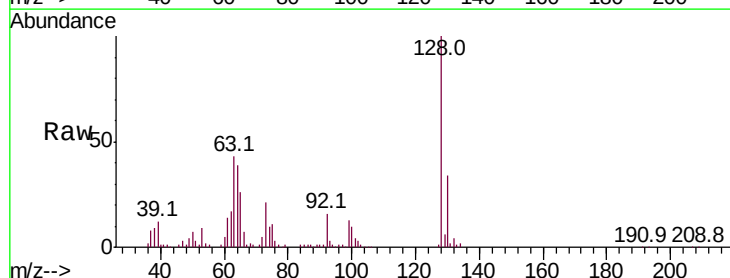
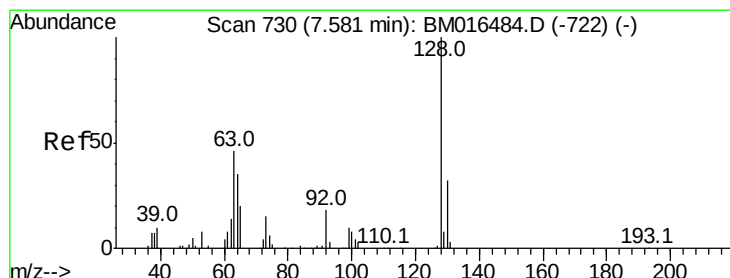
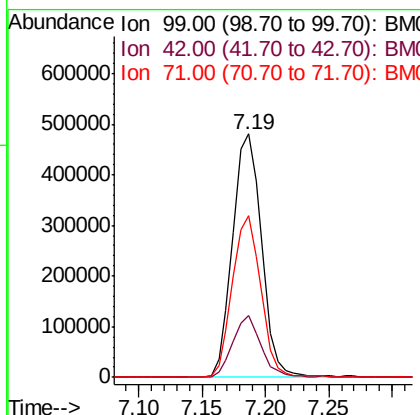
BNA_M

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#8

2-Chlorophenol

Concen: 40.144 ng

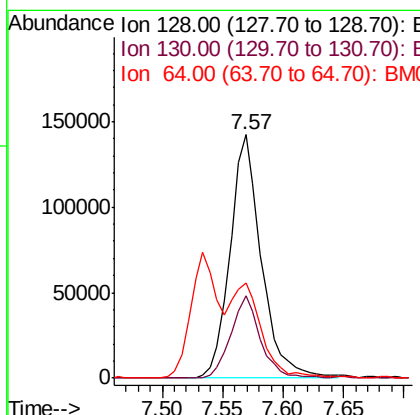
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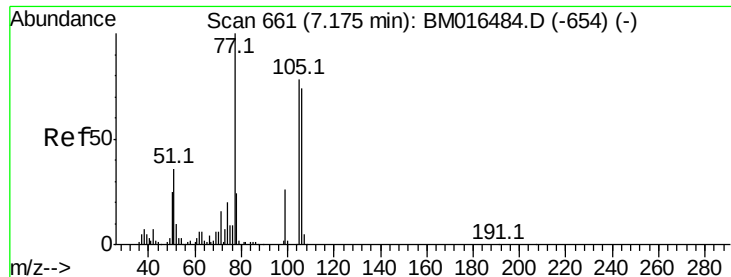
Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257039		
130	33.8	12.0	52.0		
64	38.8	24.9	64.9		





#9

Benzaldehyde

Concen: 31.659 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion: 77 Resp: 156449

Ion Ratio Lower Upper

77 100

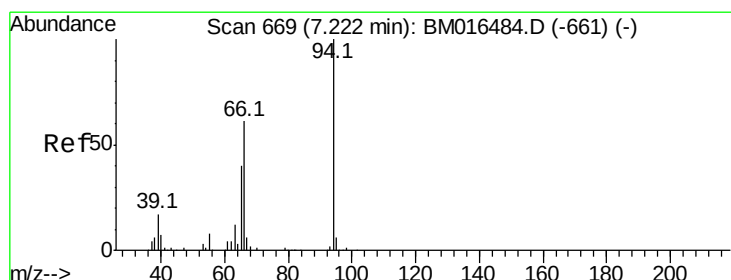
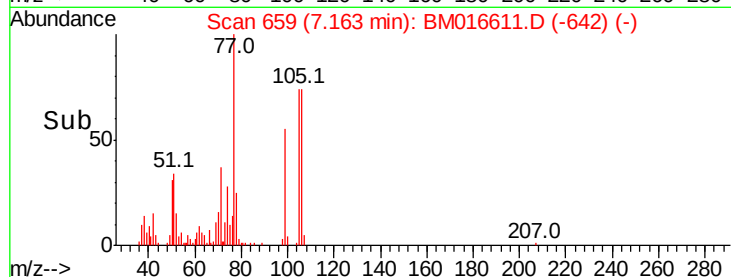
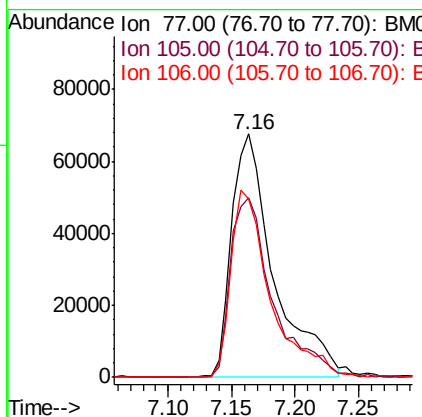
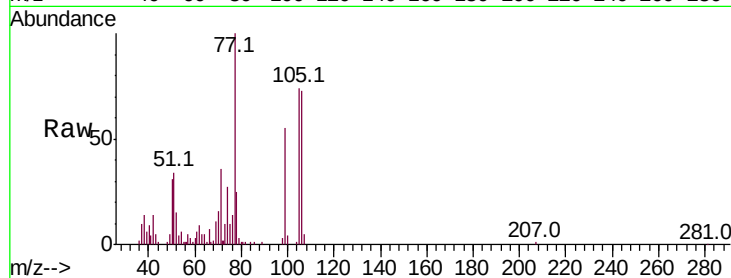
105 73.9 78.8 118.8#

106 73.1 73.7 113.7#

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#10

Phenol

Concen: 38.646 ng

RT: 7.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

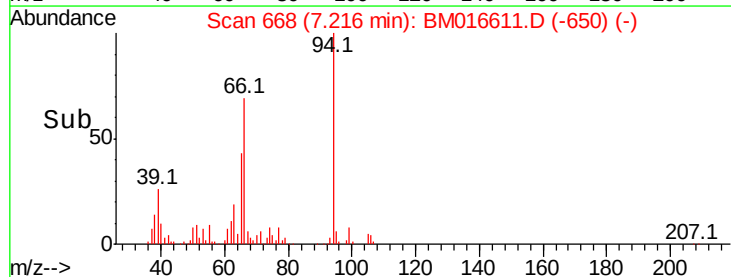
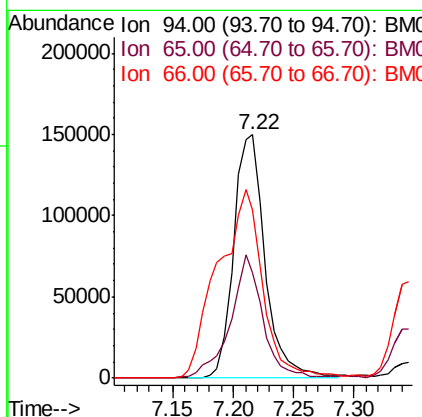
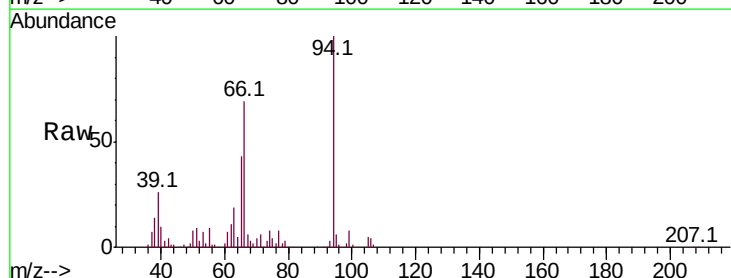
Tgt Ion: 94 Resp: 272142

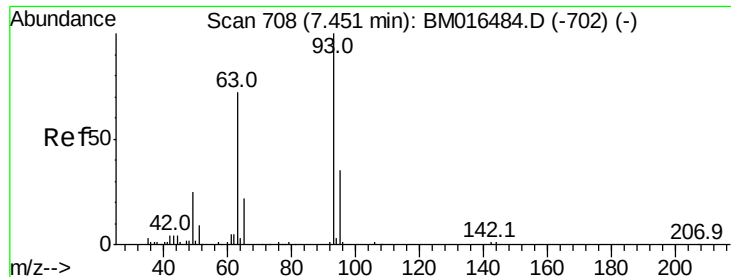
Ion Ratio Lower Upper

94 100

65 43.2 18.8 58.8

66 69.3 39.9 79.9





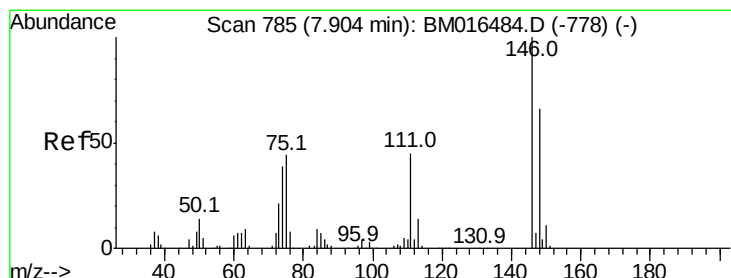
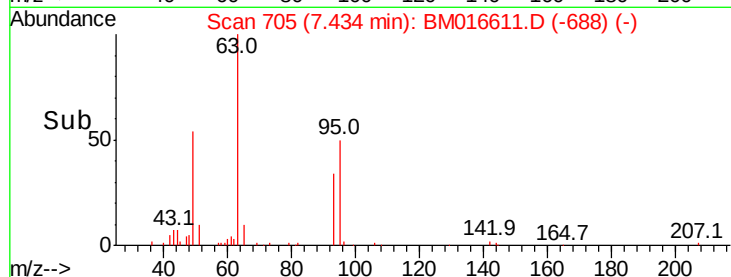
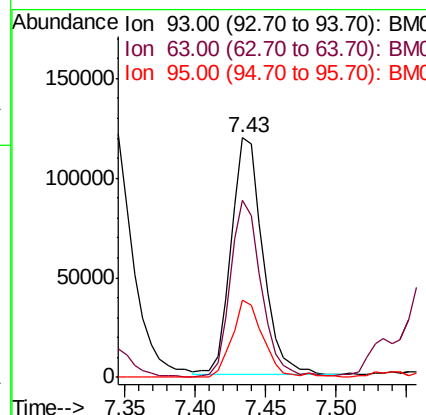
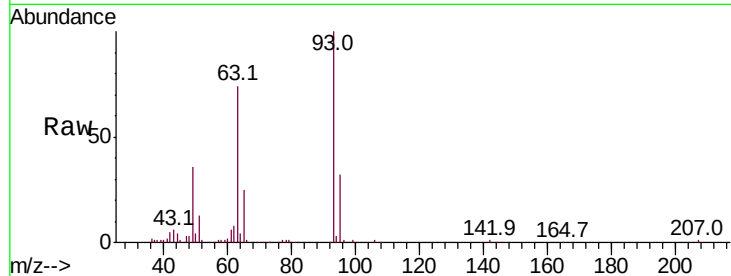
#11
bis(2-Chloroethyl)ether
Concen: 35.368 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	186763		
63	74.0		49.5	89.5
95	32.2		13.5	53.5

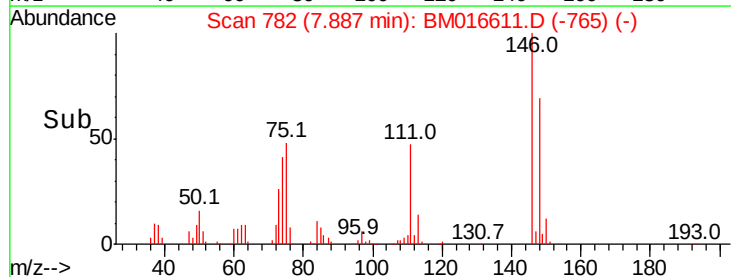
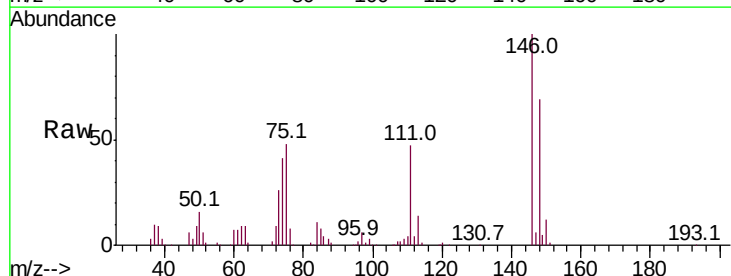
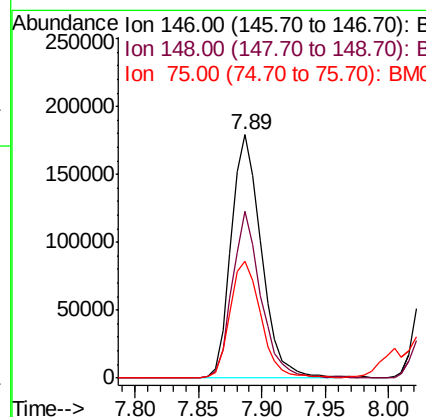
Manual Integrations
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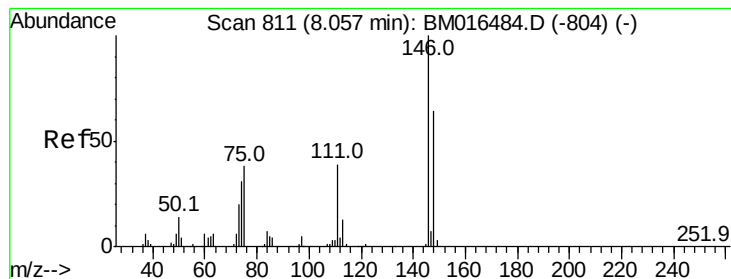
Sohil
8/28/2018 11:16:56 AM



#12
1,3-Dichlorobenzene
Concen: 34.825 ng
RT: 7.89 min Scan# 782
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295637		
148	68.6		50.9	76.3
75	48.3		21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 34.765 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

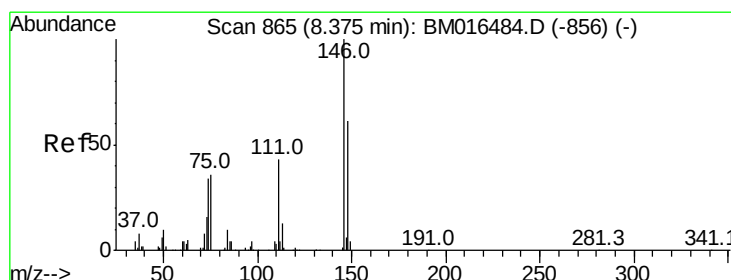
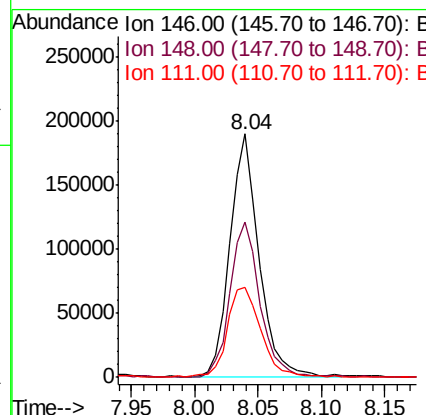
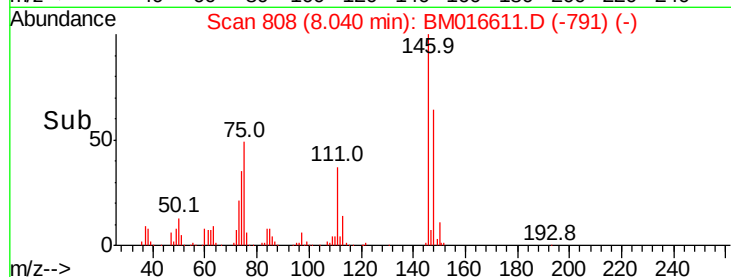
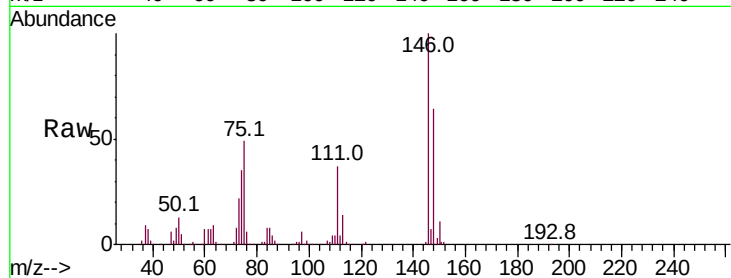
ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:	146	Resp:	302879
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.9	77.9
111	37.1	29.2	43.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.753 ng

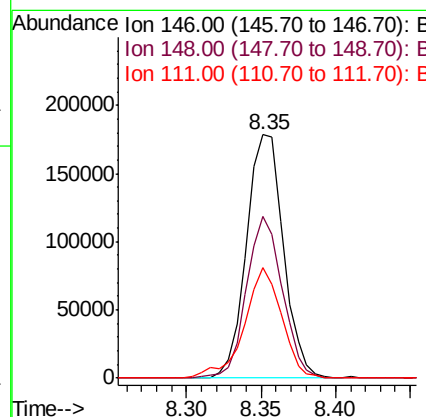
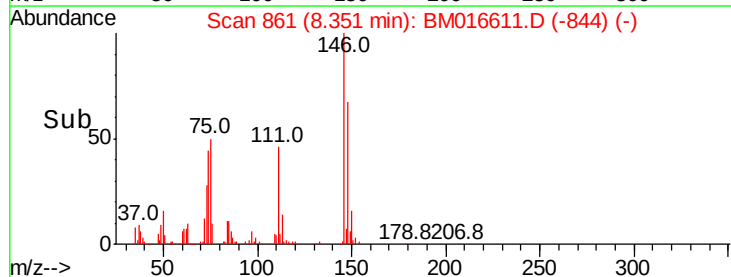
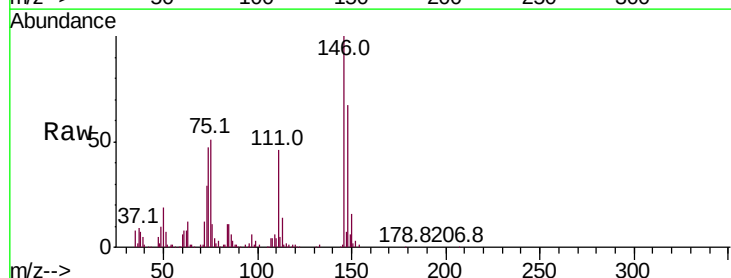
RT: 8.35 min Scan# 861

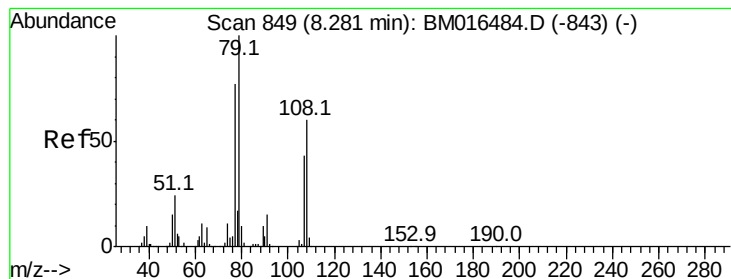
Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:	146	Resp:	306014
Ion Ratio	Lower	Upper	
146	100		
148	66.5	52.3	78.5
111	45.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 38.911 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion: 79 Resp: 257300

Ion Ratio Lower Upper

79 100

108 56.4 65.0 97.4#

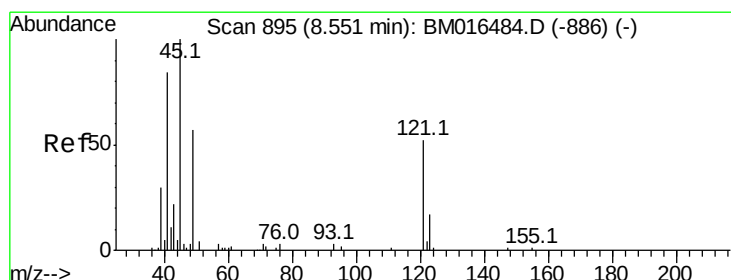
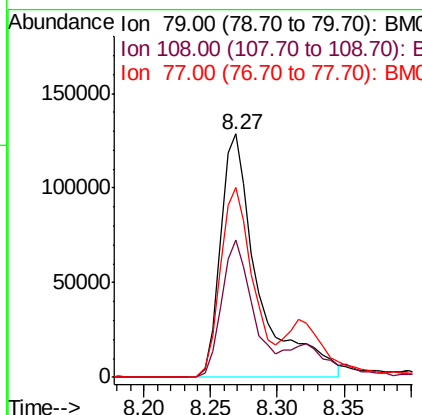
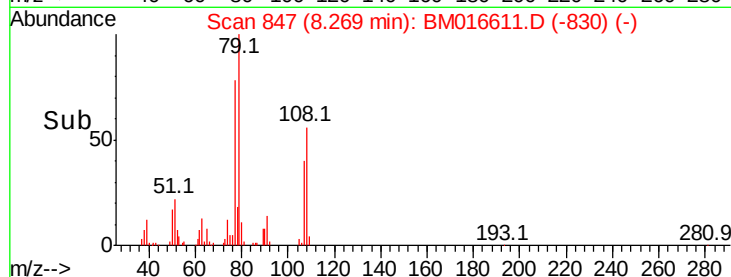
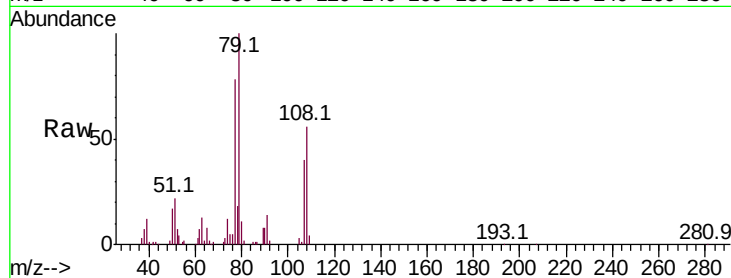
77 78.0 53.0 79.6

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.924 ng

RT: 8.52 min Scan# 889

Delta R.T. -0.02 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

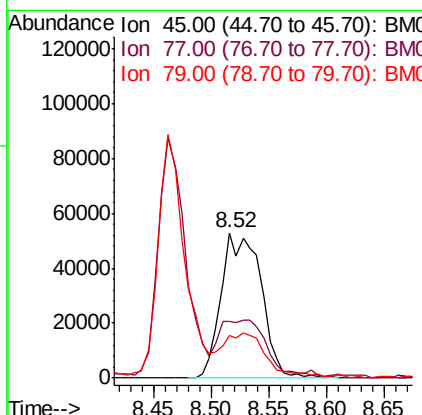
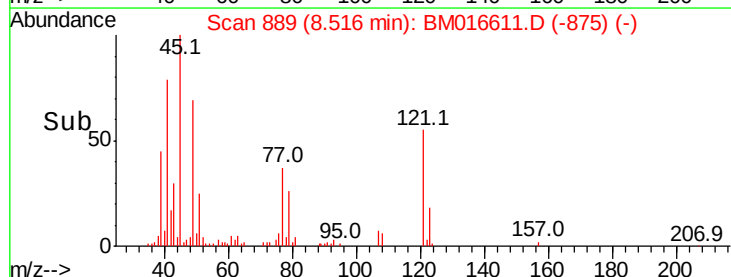
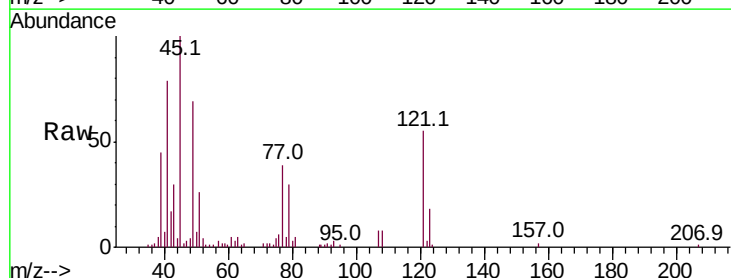
Tgt Ion: 45 Resp: 126985

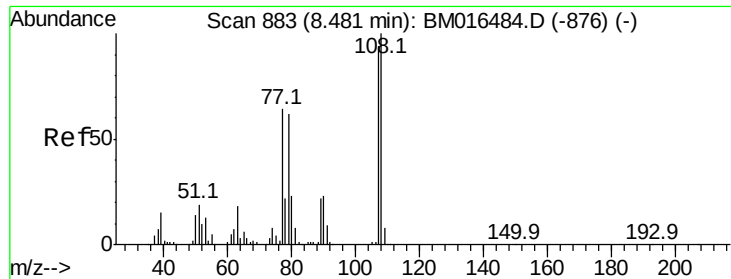
Ion Ratio Lower Upper

45 100

77 39.4 0.0 35.2#

79 29.6 0.0 32.0





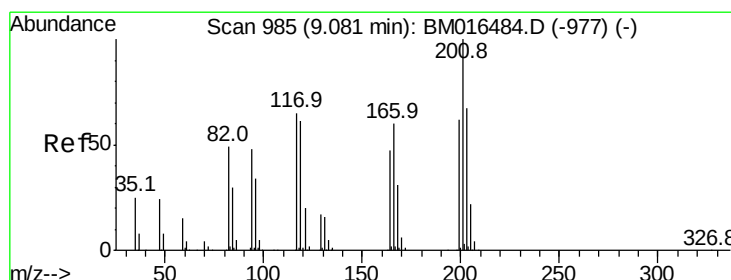
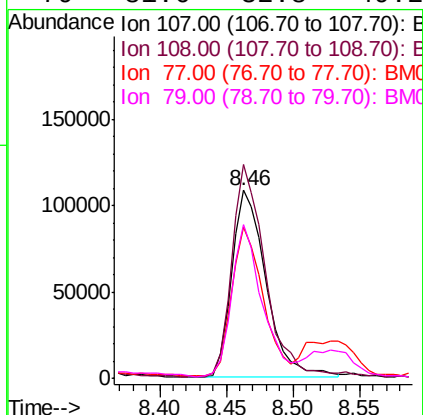
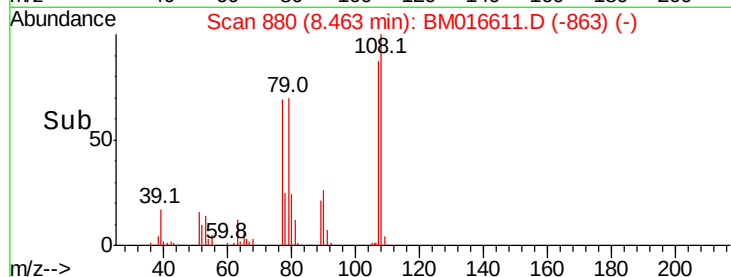
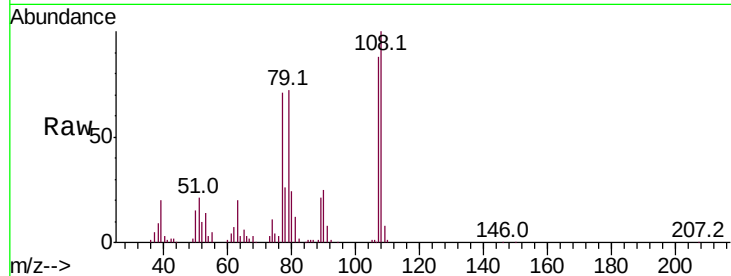
#17
2-Methylphenol
Concen: 38.116 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.8	89.8	134.8
77	80.3	32.6	48.8#
79	81.6	32.8	49.2#

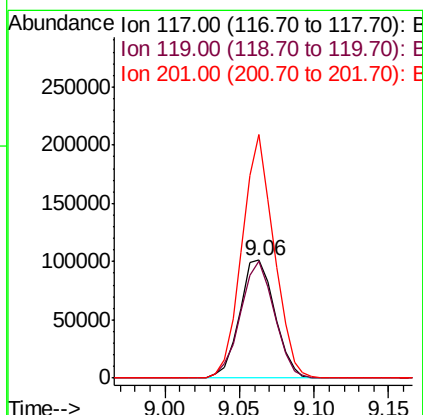
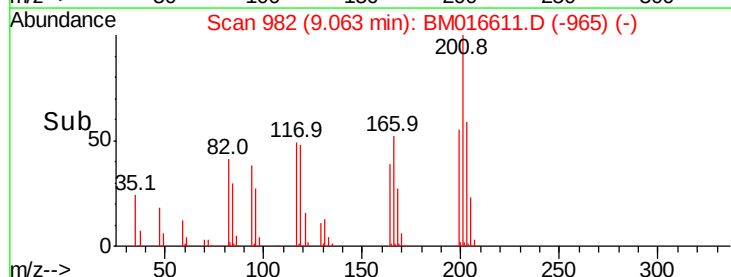
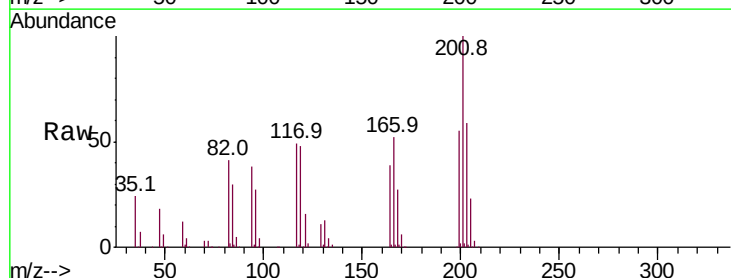
Manual Integrations
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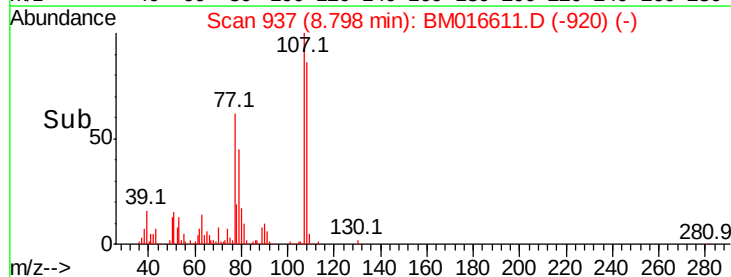
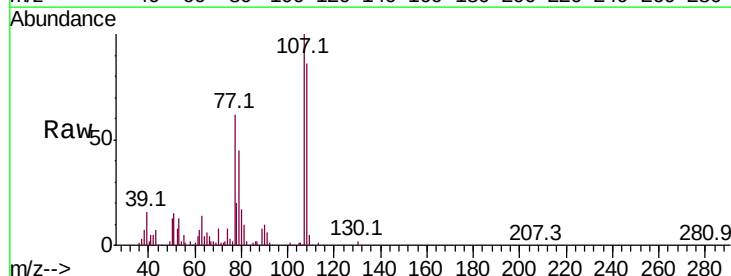
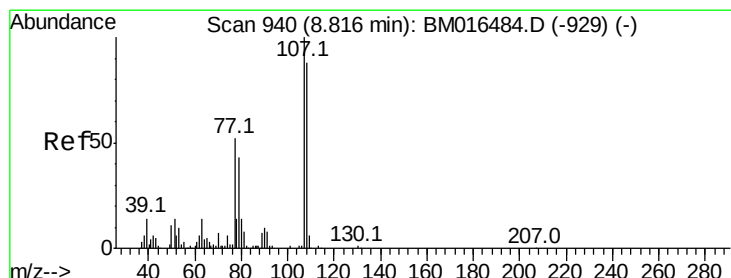
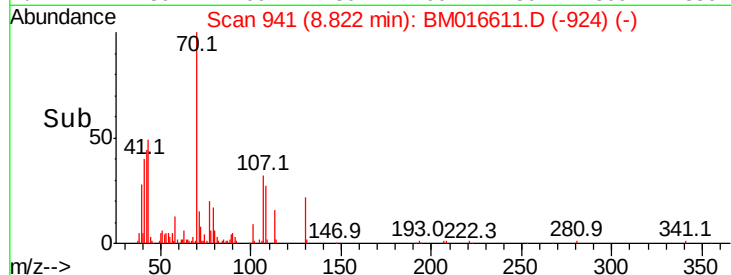
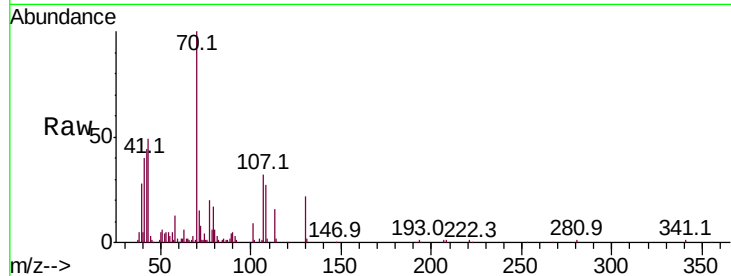
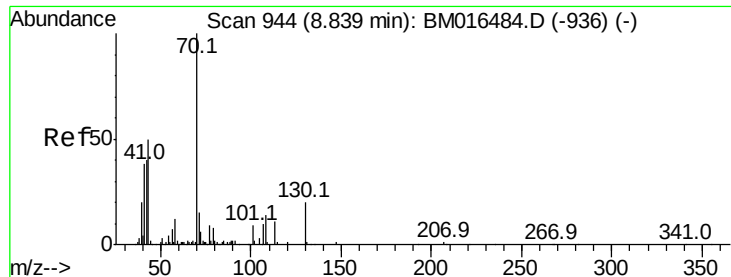
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#18
Hexachloroethane
Concen: 41.269 ng
RT: 9.06 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	99.3	79.2	118.8
201	209.7	69.8	104.6#





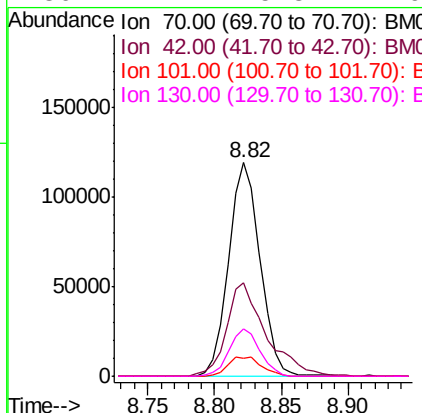
#19
n-Nitroso-di-n-propylamine
Concen: 35.159 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	43.9	44.5	66.7#
101	8.7	7.4	11.2
130	22.4	15.3	22.9

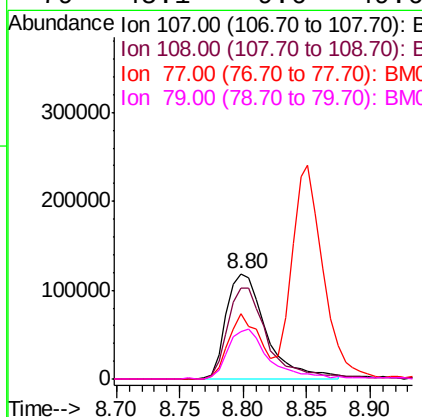
Manual Integrations
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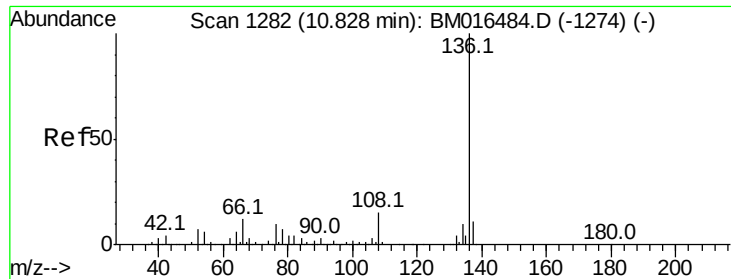
Sohil
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#20
3+4-Methylphenols
Concen: 36.856 ng
RT: 8.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.3	73.2	113.2
77	62.1	10.7	50.7#
79	45.1	9.6	49.6





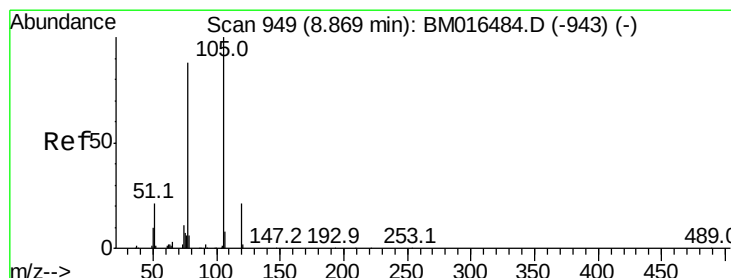
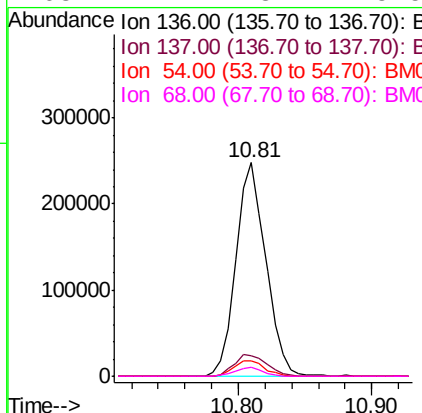
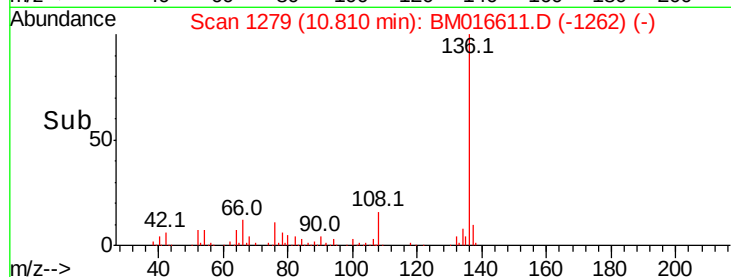
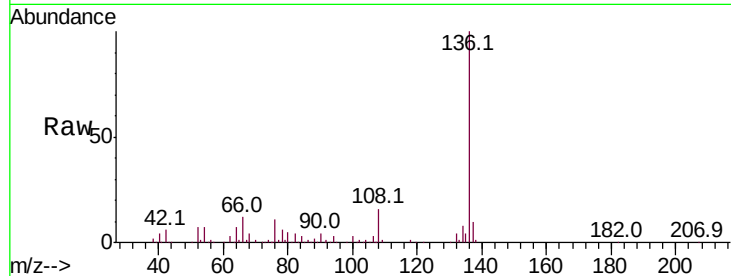
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	385234		
137	9.9	8.7	13.1	
54	7.0	4.6	6.8#	
68	4.4	3.7	5.5	

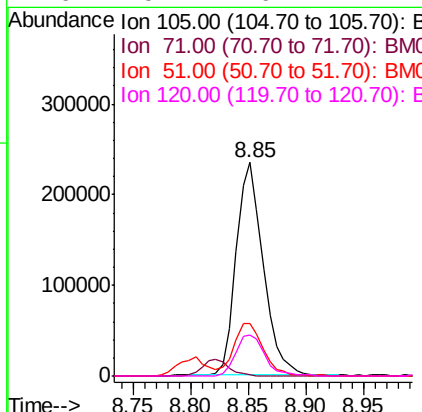
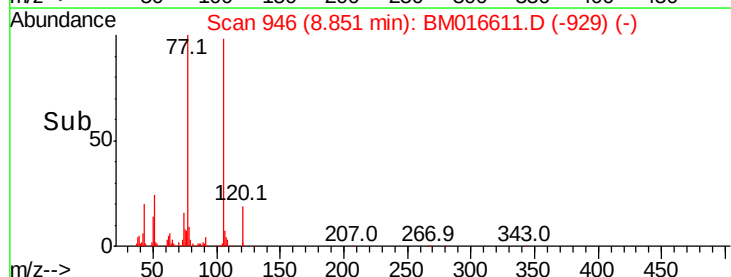
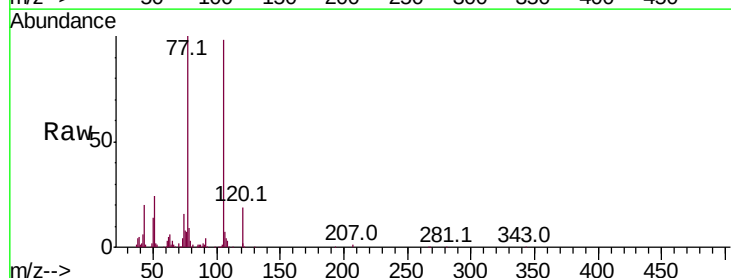
Manual Integrations
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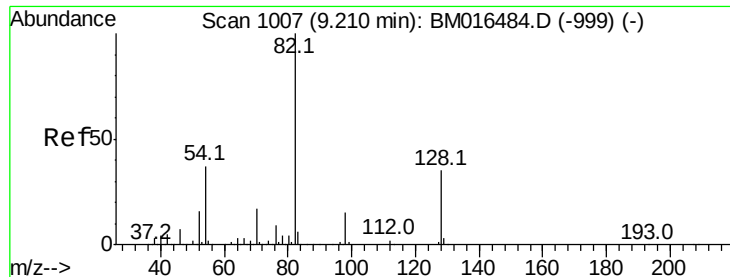
Sohil
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#22
Acetophenone
Concen: 41.118 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	381428		
71	0.4	0.6	1.0#	
51	24.6	21.6	32.4	
120	19.4	16.1	24.1	





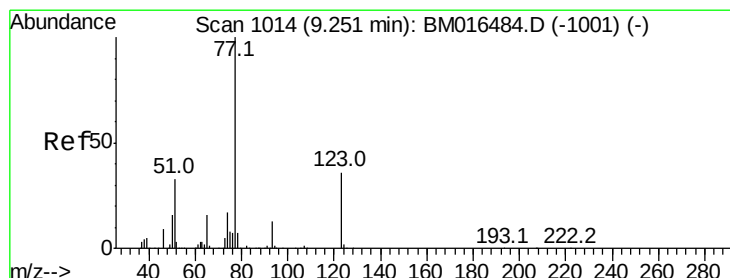
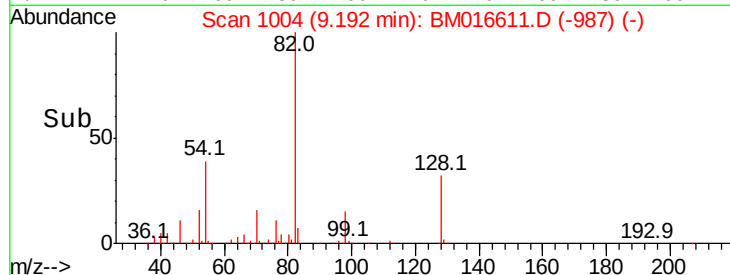
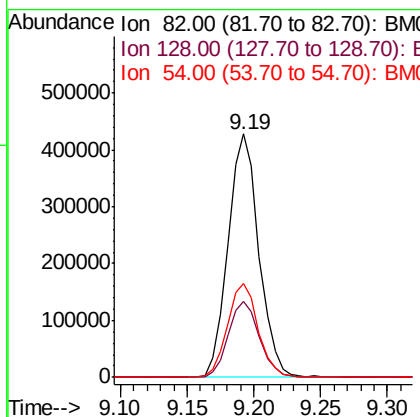
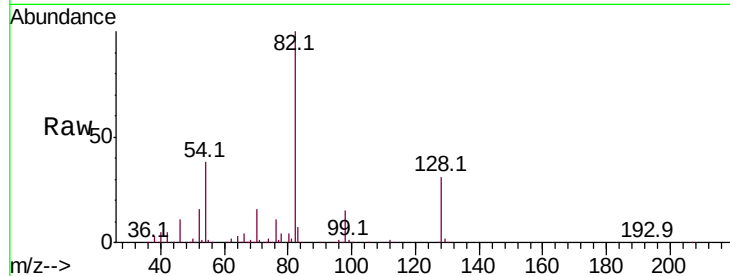
#23
 Nitrobenzene-d5
 Concen: 81.673 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.4	32.8	49.2#
54	38.5	40.6	60.8#

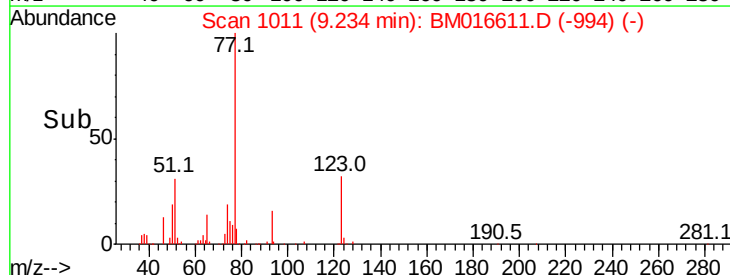
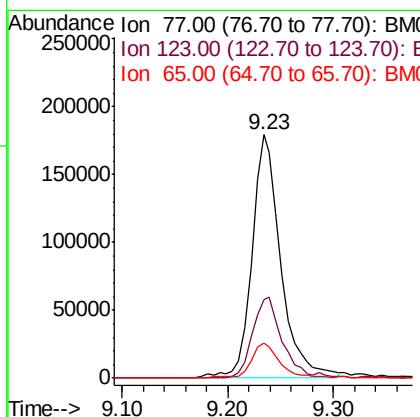
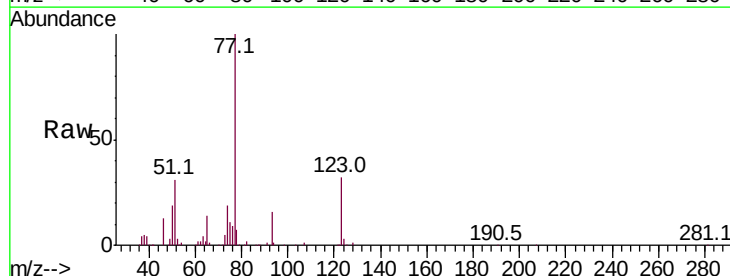
Manual Integrations
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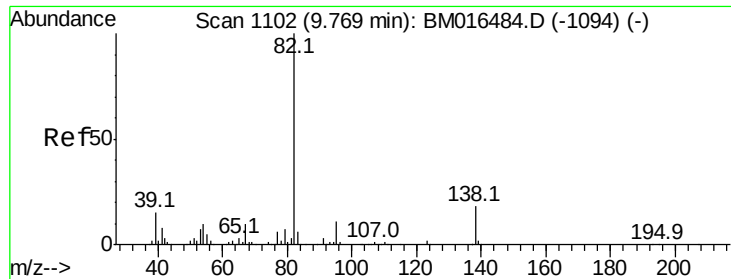
Sohil
 8/28/2018 11:16:56 AM



#24
 Nitrobenzene
 Concen: 40.486 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.4	32.6	49.0#
65	14.4	10.9	16.3





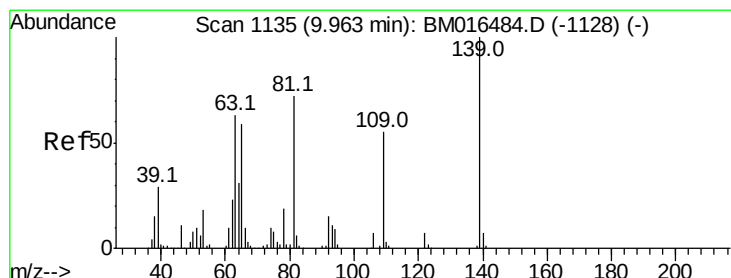
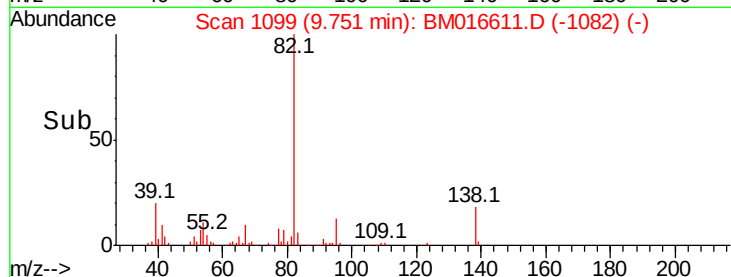
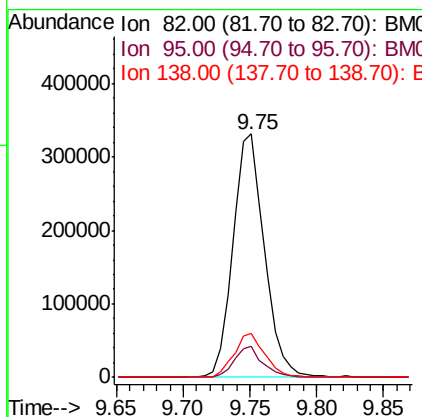
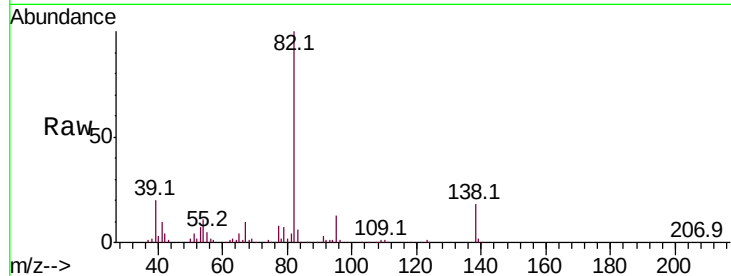
#25
Isophorone
Concen: 48.197 ng
RT: 9.75 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	543493		
95	12.9		5.8	8.6#
138	18.2		16.3	24.5

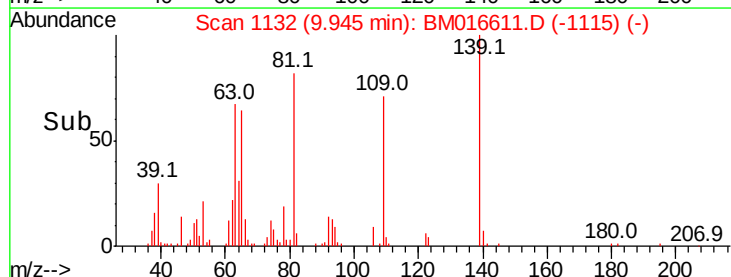
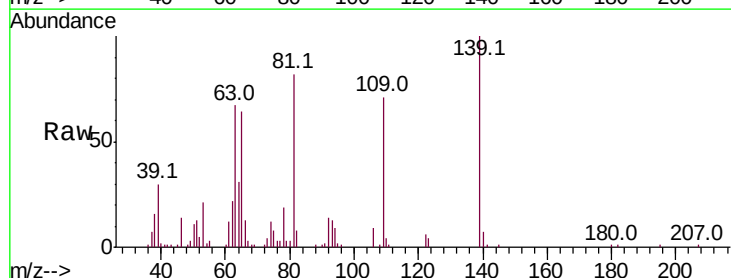
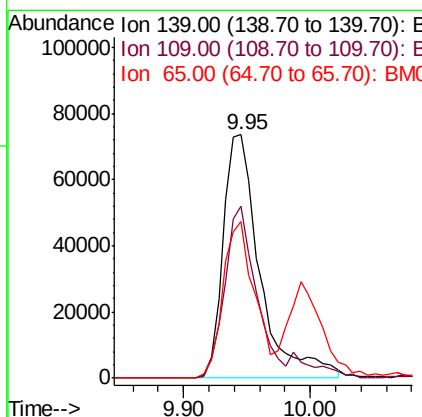
Manual Integrations
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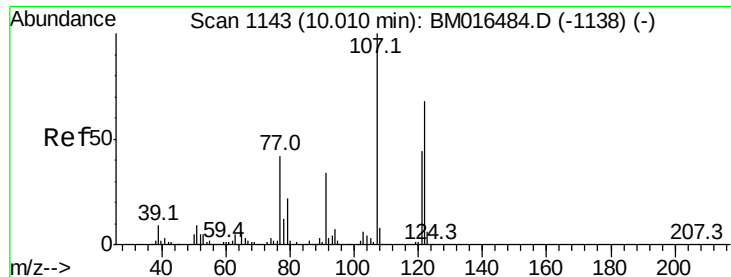
Sohil
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#26
2-Nitrophenol
Concen: 41.103 ng
RT: 9.95 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	148133		
109	70.8		20.1	30.1#
65	64.3		31.5	47.3#





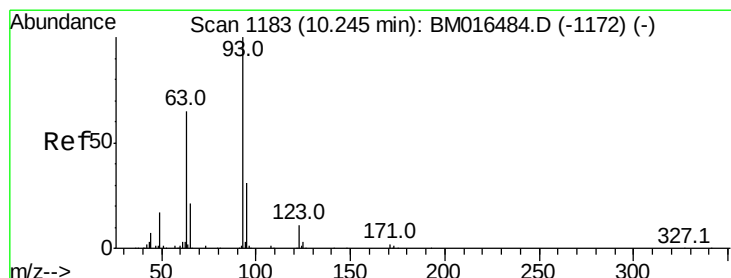
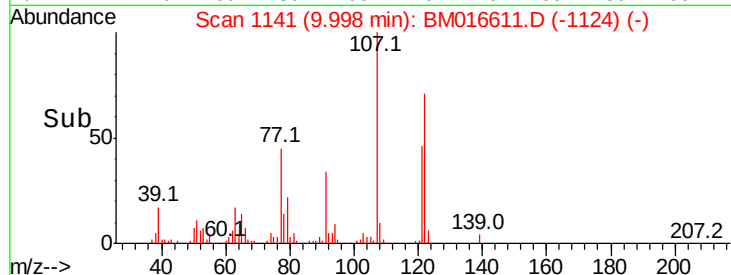
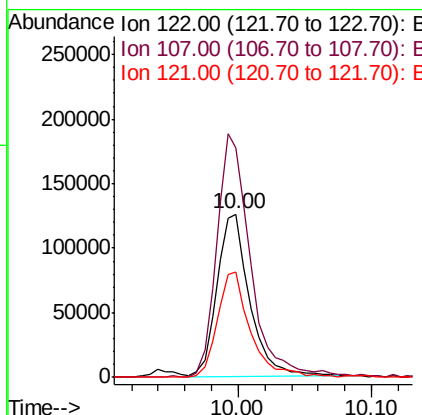
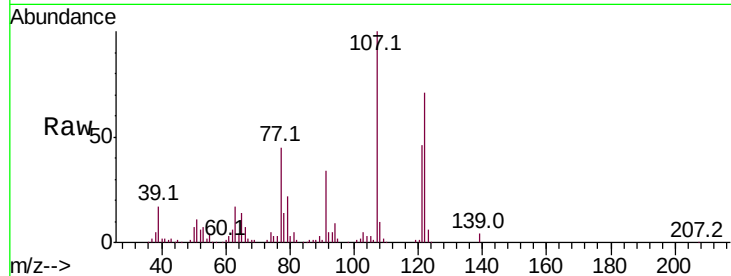
#27
2,4-Dimethylphenol
Concen: 46.285 ng
RT: 10.00 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.1	84.7	127.1#
121	64.8	46.6	69.8

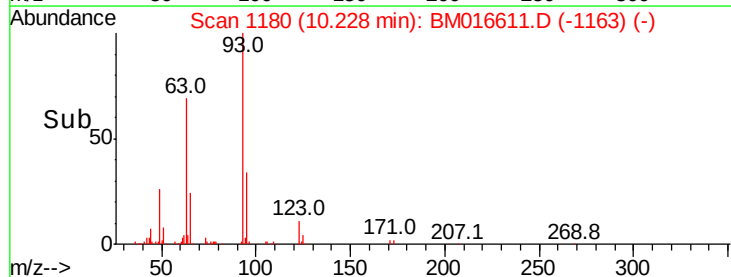
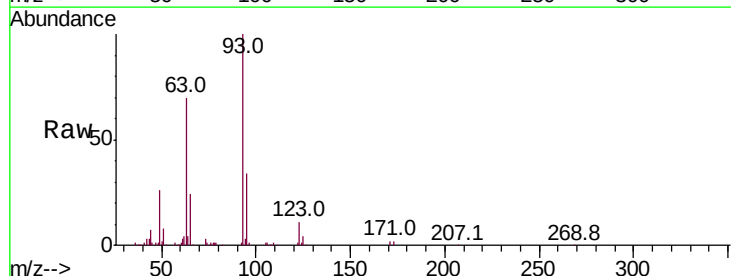
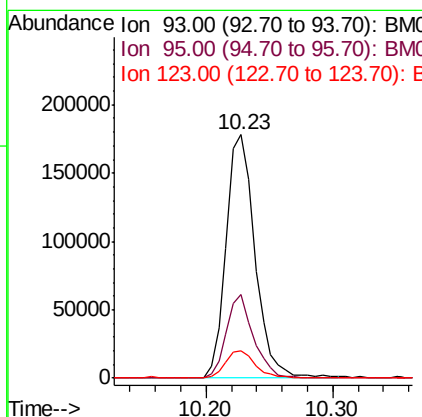
Manual Integrations
APPROVED

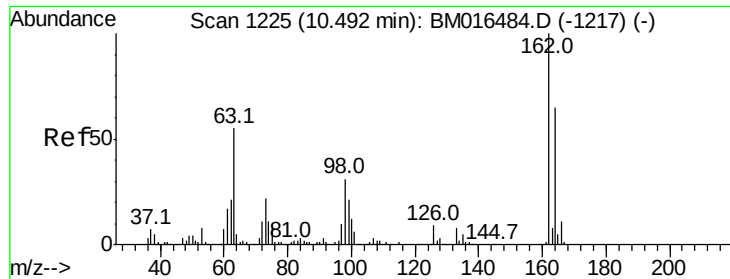
Sohil
8/28/2018 11:16:56 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.795 ng
RT: 10.23 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.5	38.3
123	11.3	8.6	13.0





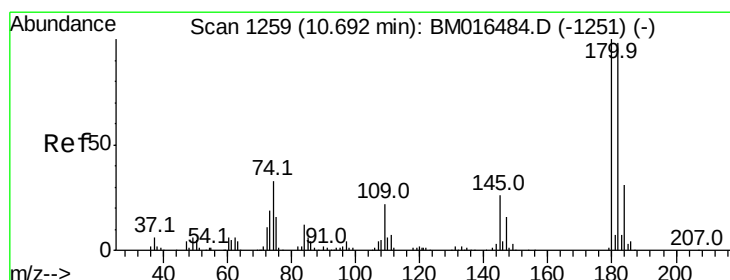
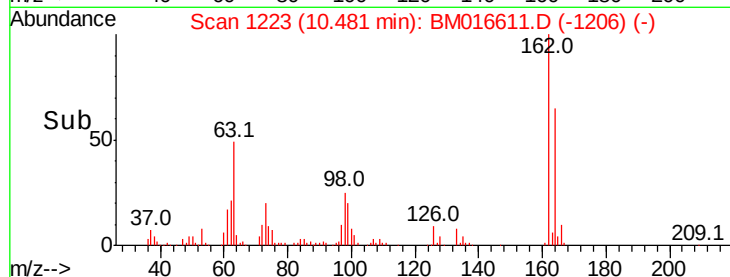
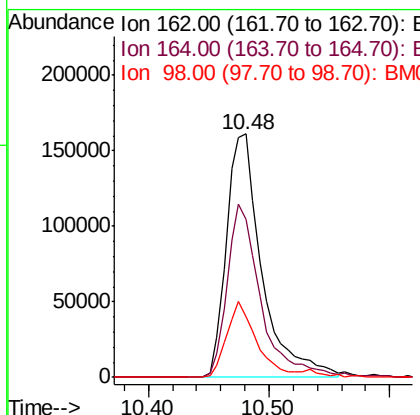
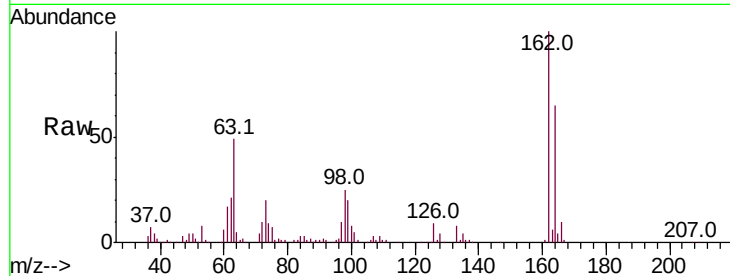
#29
2,4-Dichlorophenol
Concen: 46.853 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	329339		
164	64.6	42.8	82.8	
98	25.0	14.5	54.5	

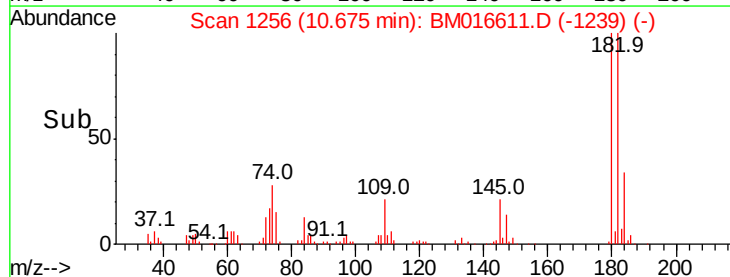
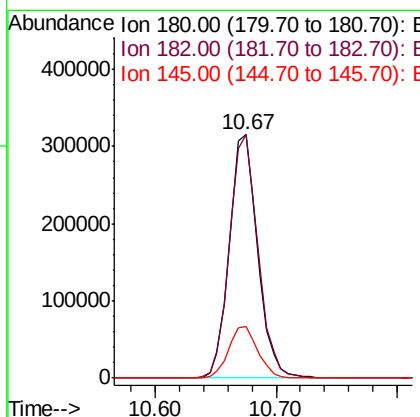
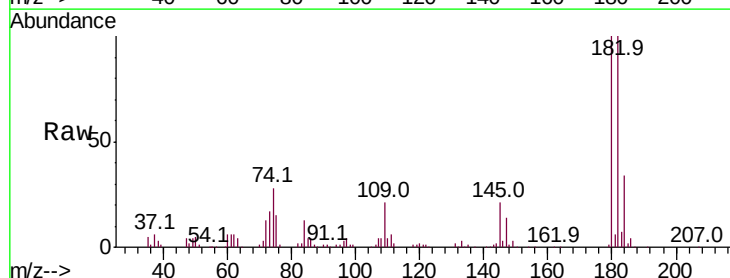
Manual Integrations
APPROVED

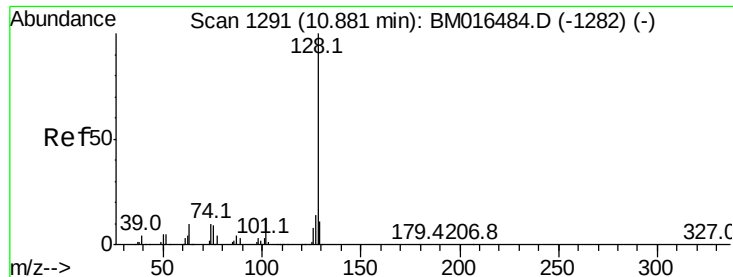
Sohil
8/28/2018 11:16:56 AM



#30
1,2,4-Trichlorobenzene
Concen: 48.478 ng
RT: 10.67 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	517064		
182	99.9	77.6	116.4	
145	21.0	23.4	35.2#	





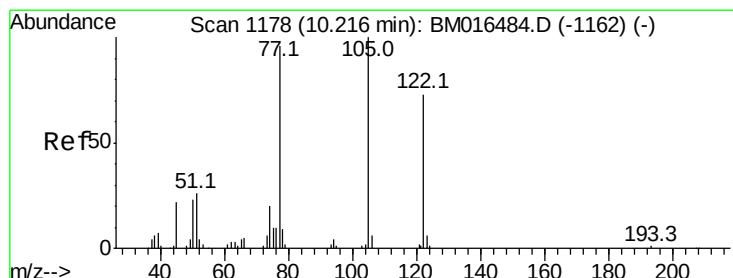
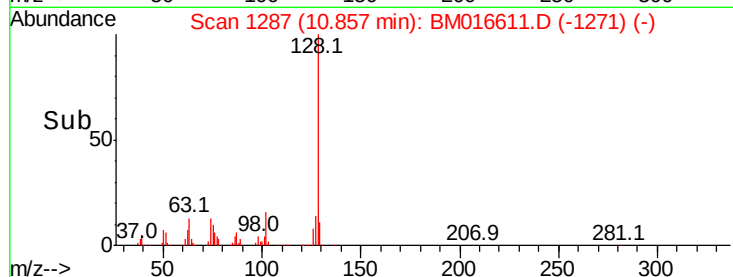
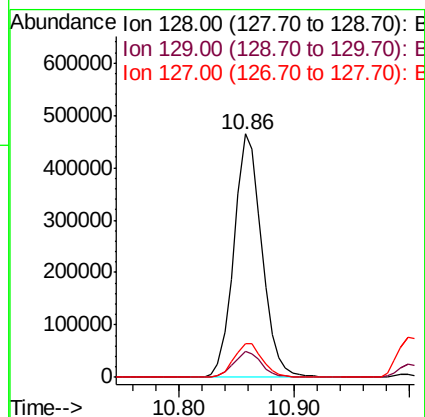
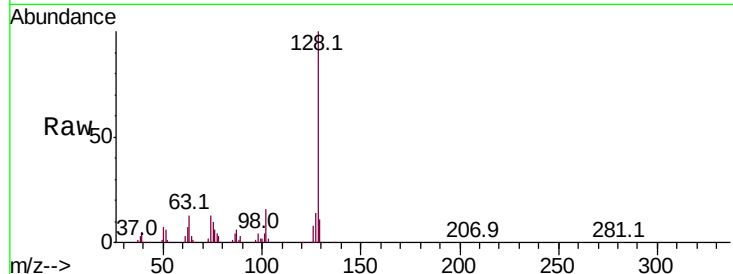
#31
Naphthalene
Concen: 42.384 ng
RT: 10.86 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.9	13.3	
127	13.9	10.4	15.6	

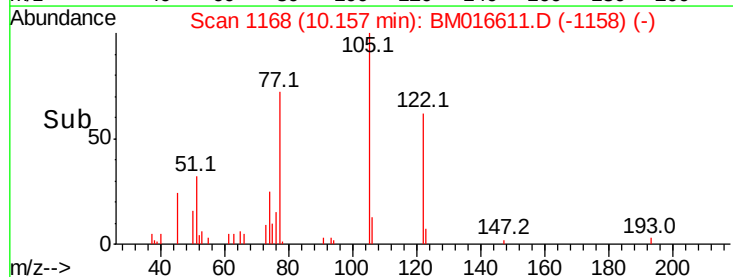
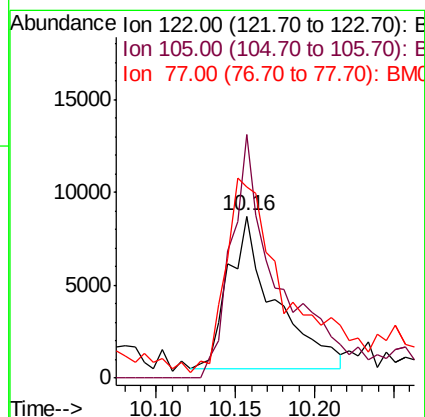
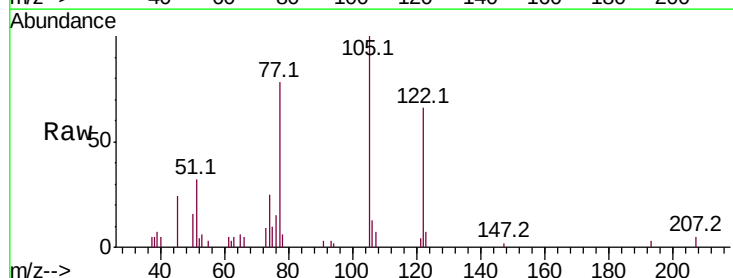
Manual Integrations
APPROVED

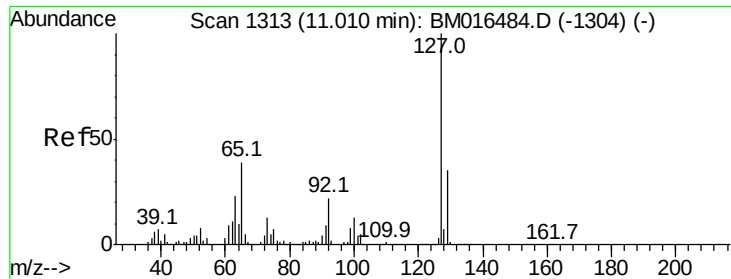
Sohil
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#32
Benzoic acid
Concen: 4.294 ng
RT: 10.16 min Scan# 1168
Delta R.T. -0.04 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	150.5	99.9	139.9#	
77	118.1	73.7	113.7#	





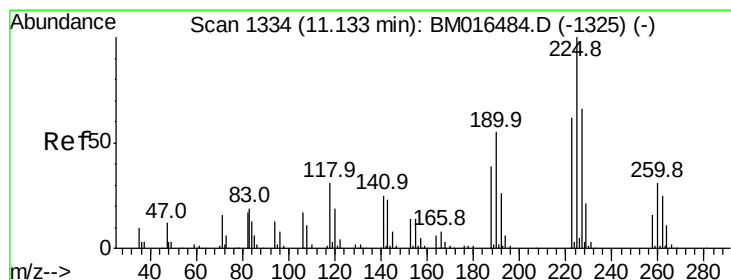
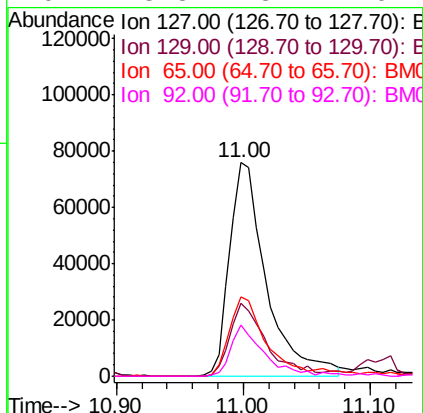
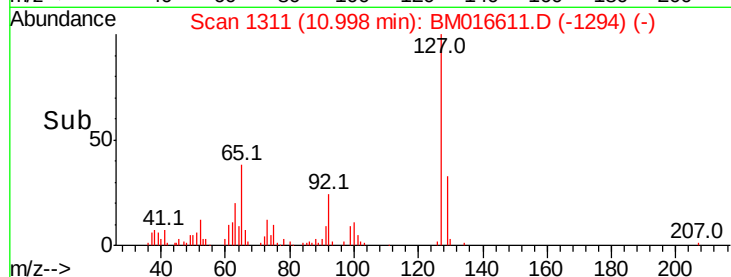
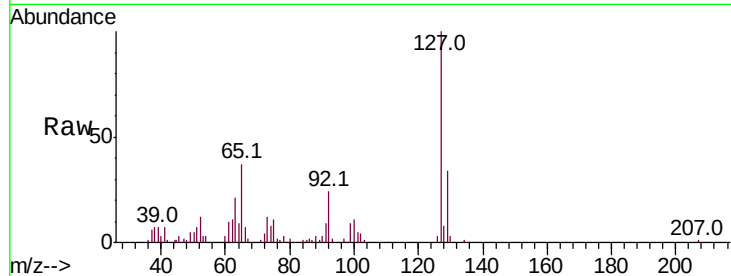
#33
4-Chloroaniline
Concen: 19.840 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.5	25.3	37.9	
65	36.9	17.6	26.4	
92	23.8	13.1	19.7	

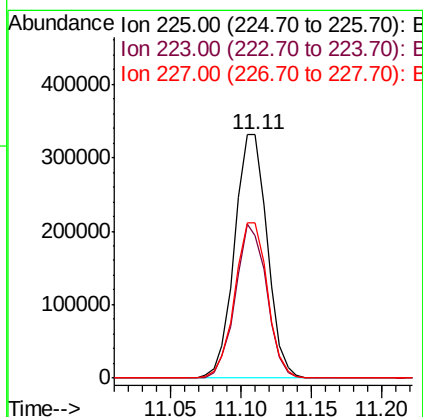
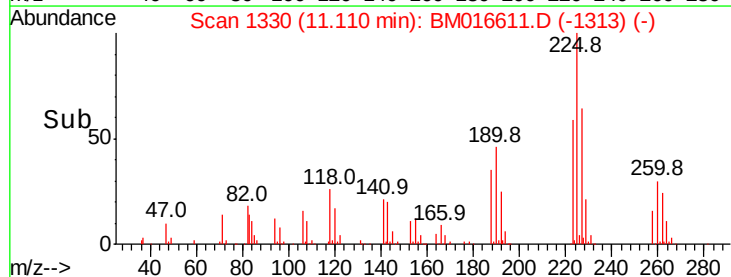
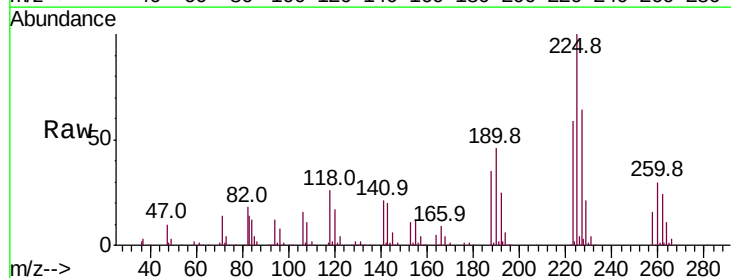
Manual Integrations
APPROVED

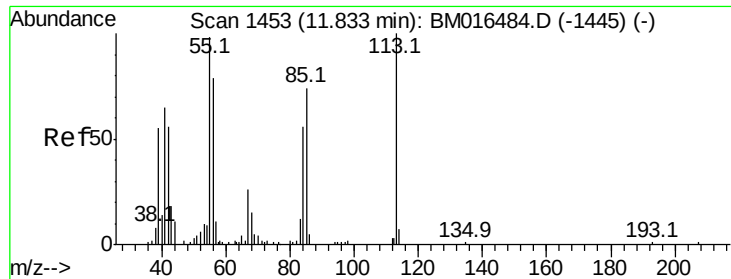
Sohil
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#34
Hexachlorobutadiene
Concen: 52.471 ng
RT: 11.11 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.7	47.9	71.9	
227	63.6	50.1	75.1	





#35

Caprolactam

Concen: 34.368 ng/mL

RT: 11.82 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

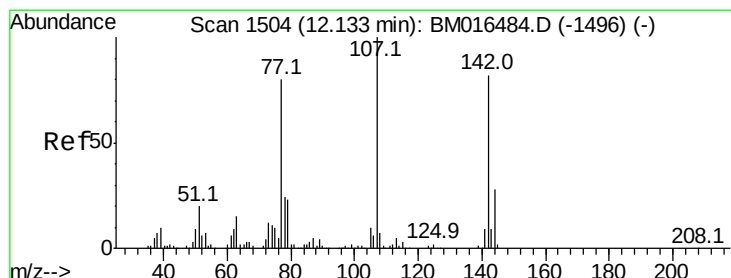
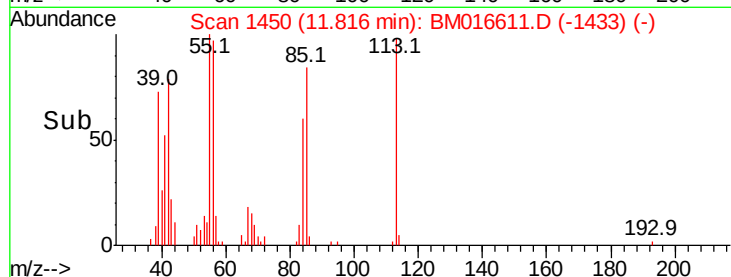
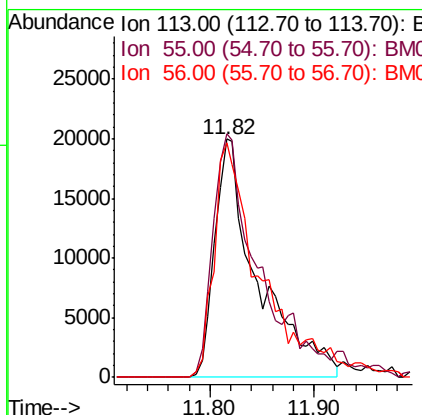
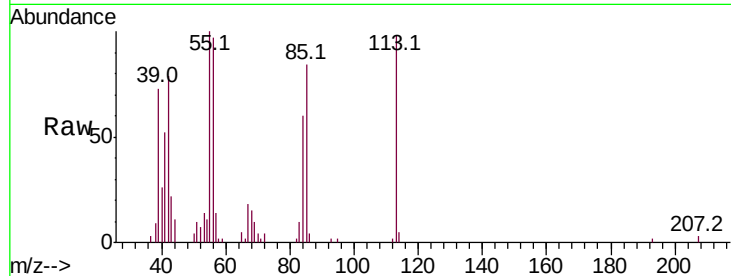
ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:	113	Resp:	57968
Ion Ratio	Lower	Upper	
113	100		
55	102.3	145.9	185.9#
56	98.8	101.0	141.0#

Manual Integrations
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Sohil
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#36

4-Chloro-3-methylphenol

Concen: 40.188 ng/mL

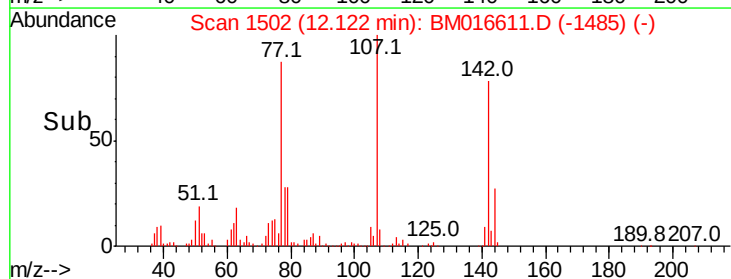
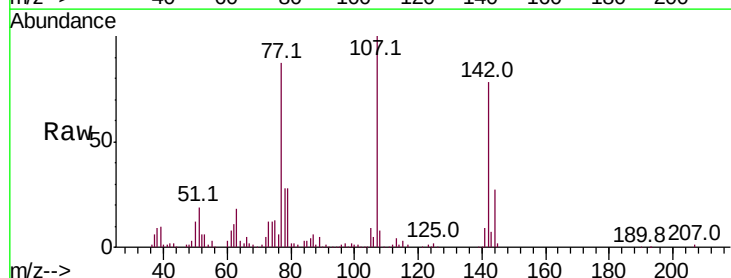
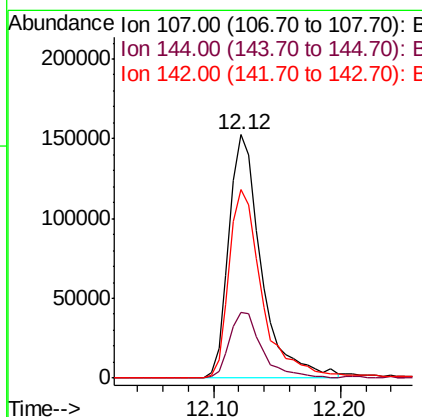
RT: 12.12 min Scan# 1502

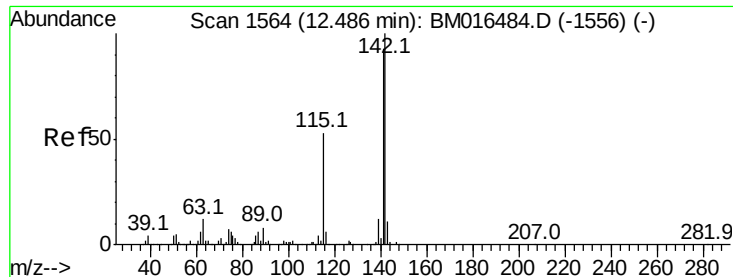
Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:	107	Resp:	271571
Ion Ratio	Lower	Upper	
107	100		
144	26.8	23.3	34.9
142	77.7	72.6	109.0





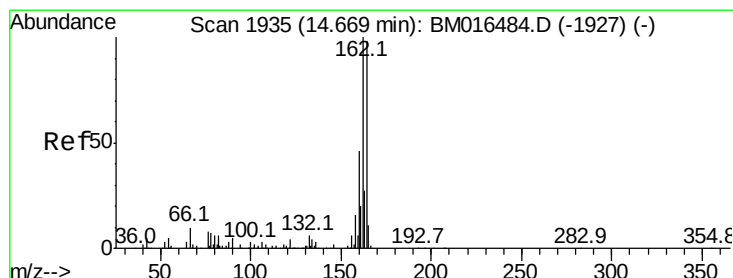
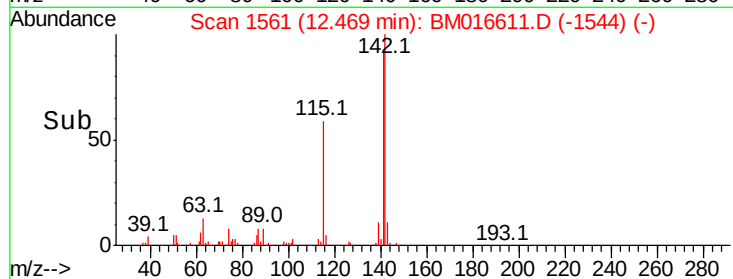
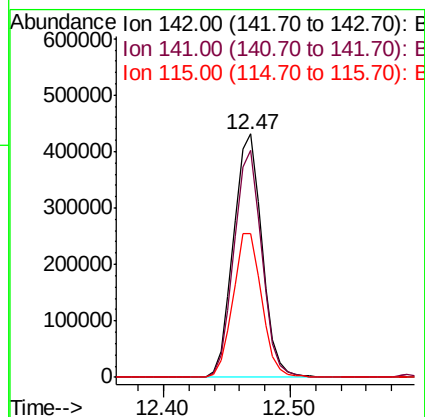
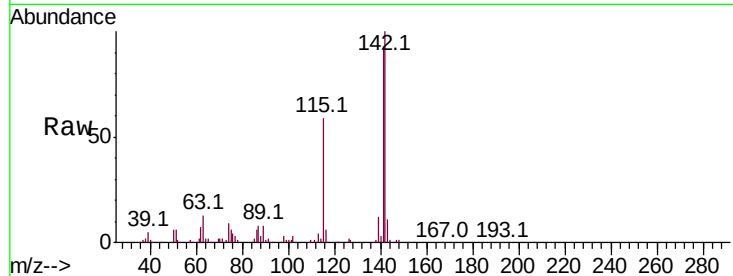
#37
2-Methylnaphthalene
Concen: 46.707 ng
RT: 12.47 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.9	107.9
115	58.9	25.4	38.0

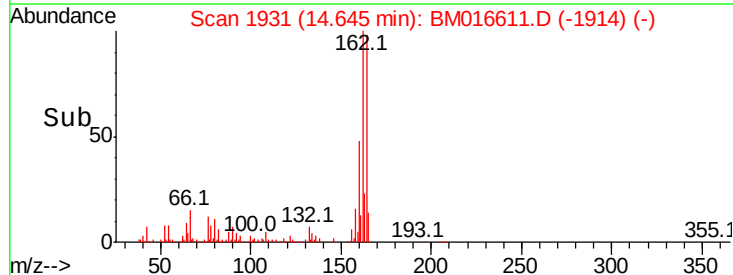
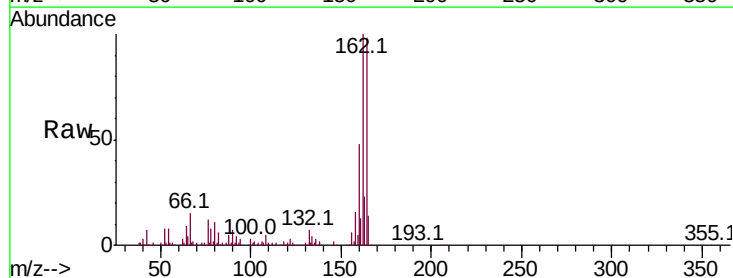
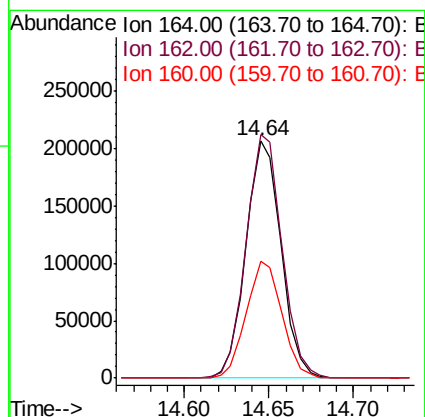
Manual Integrations
APPROVED

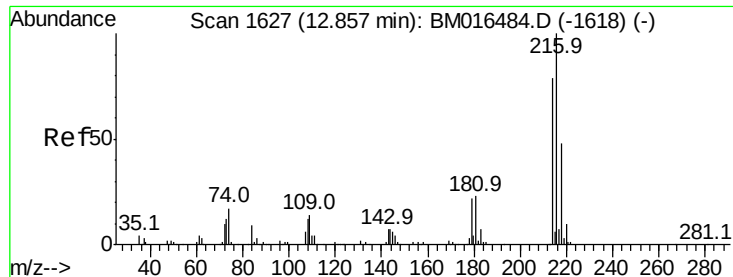
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	49.3	35.8	53.6





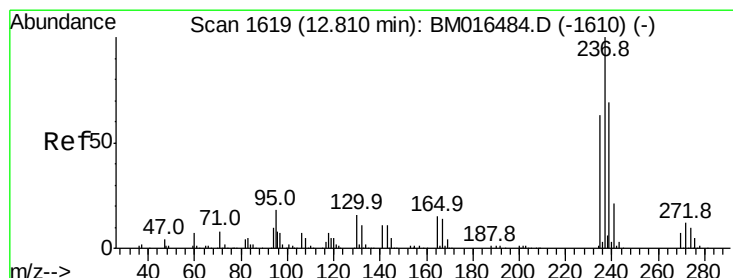
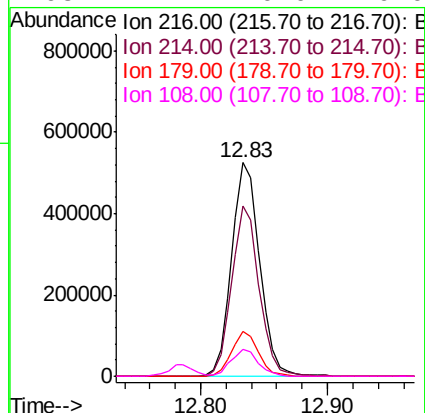
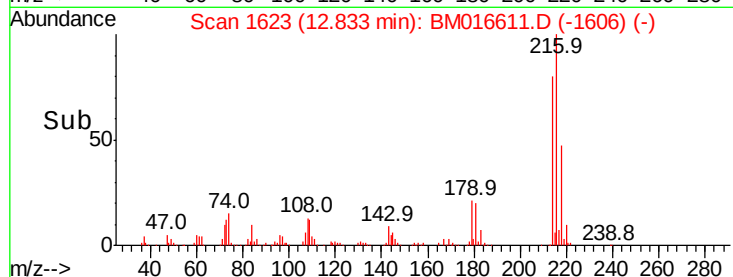
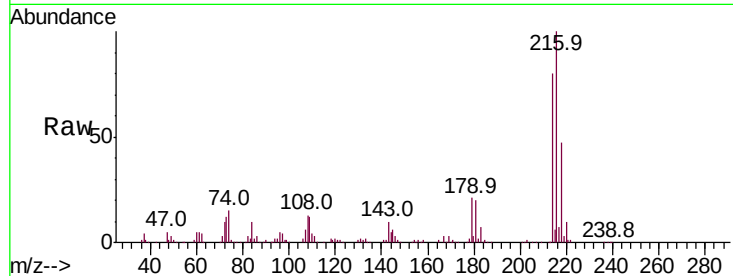
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.400 ng
 RT: 12.83 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	801004		
214	77.9	0.0	0.0#	
179	20.0	0.0	0.0#	
108	12.4	0.0	0.0#	

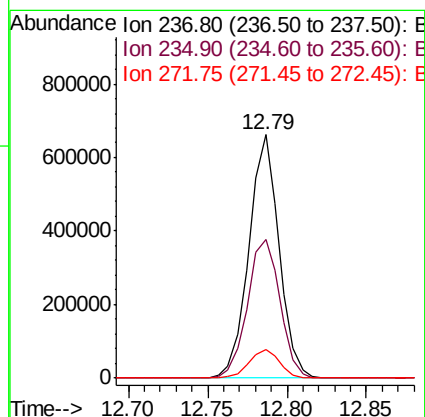
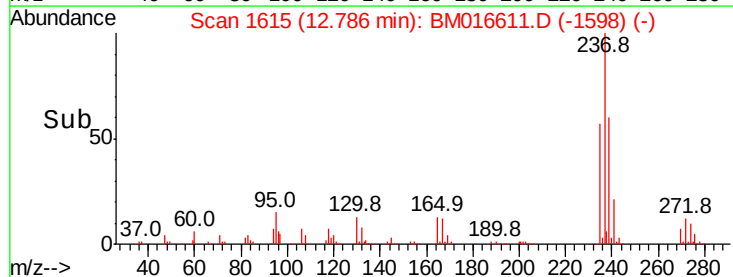
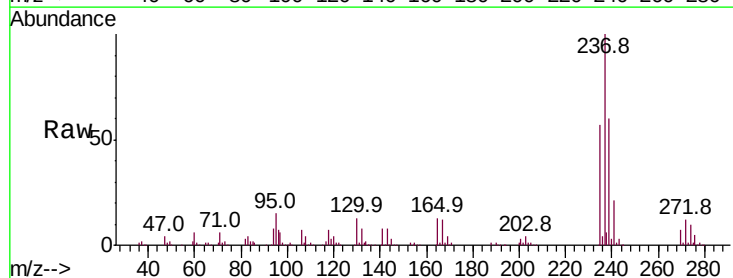
Manual Integrations
 APPROVED

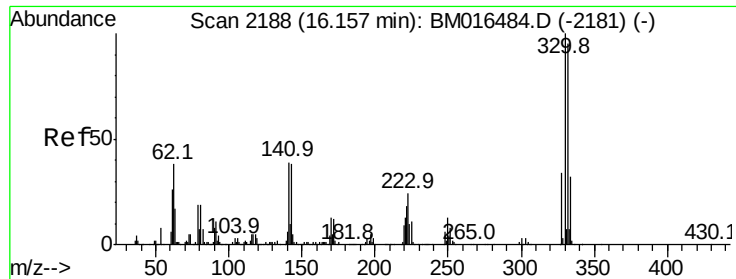
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 102.324 ng
 RT: 12.79 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	872205		
235	56.9	42.0	82.0	
272	11.6	0.0	33.4	





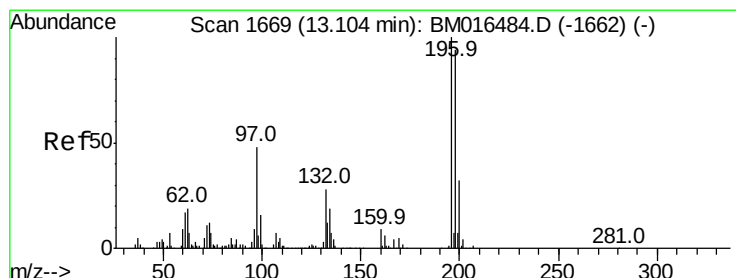
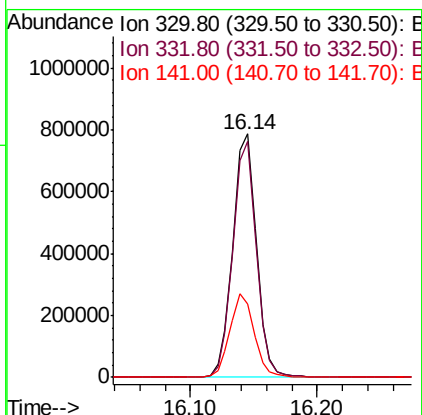
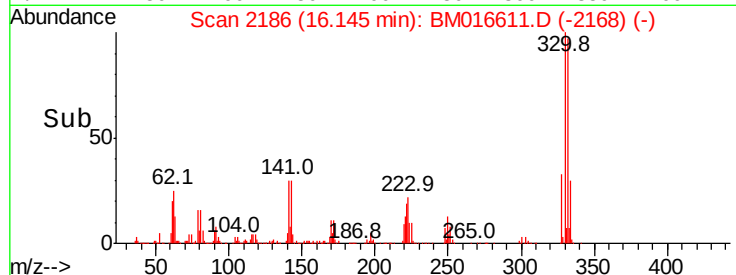
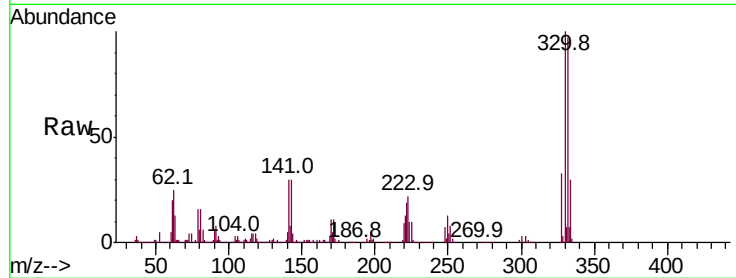
#41
2,4,6-Tribromophenol
Concen: 121.786 ng
RT: 16.14 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	0.0	0.0	0.0
141	35.0	0.0	0.0	0.0

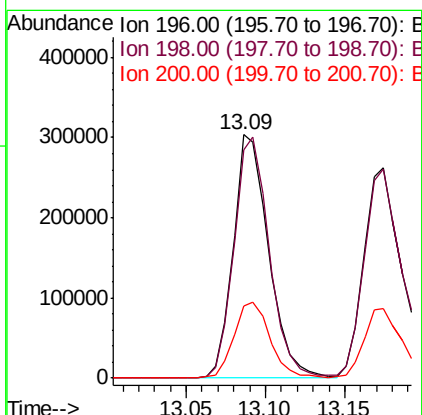
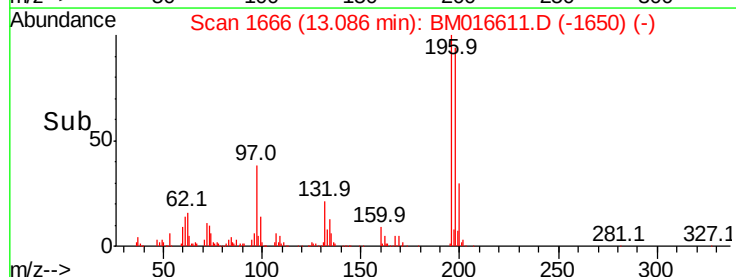
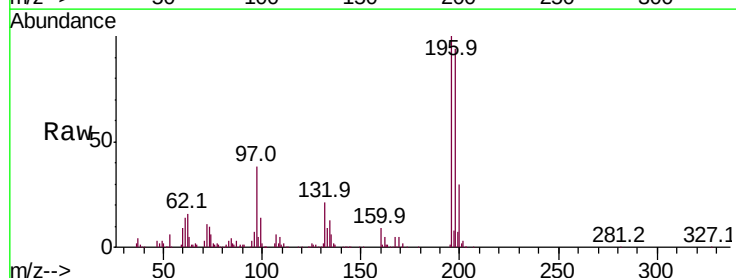
Manual Integrations
APPROVED

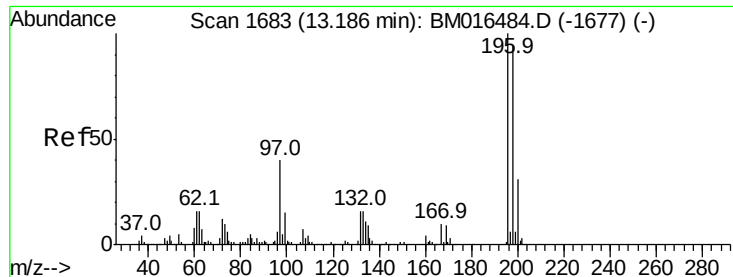
Sohil
8/28/2018 11:16:56 AM



#42
2,4,6-Trichlorophenol
Concen: 46.687 ng
RT: 13.09 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.6	76.3	114.5	
200	29.8	25.6	38.4	





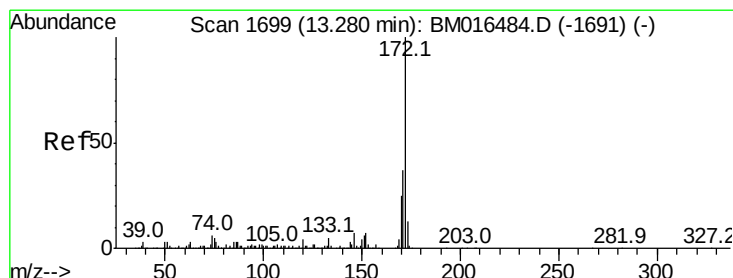
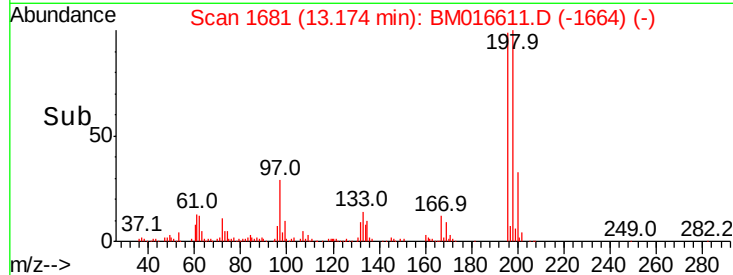
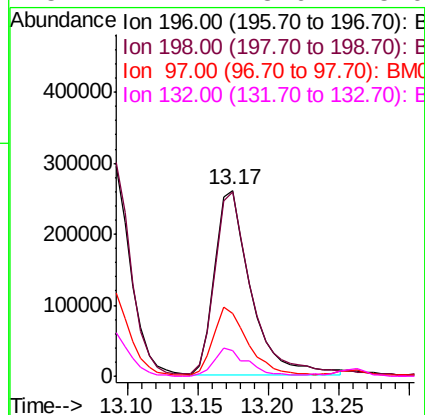
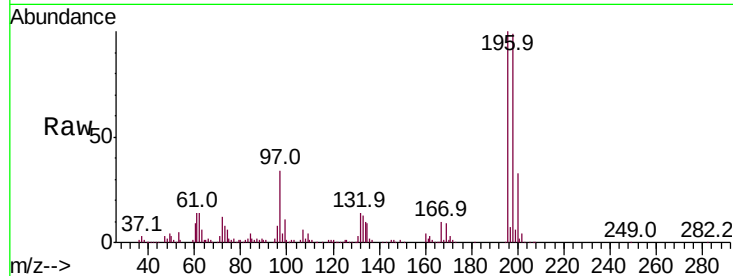
#43
 2,4,5-Trichlorophenol
 Concen: 46.711 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.5	79.4	119.0	
97	33.7	26.8	40.2	
132	14.1	18.6	28.0	

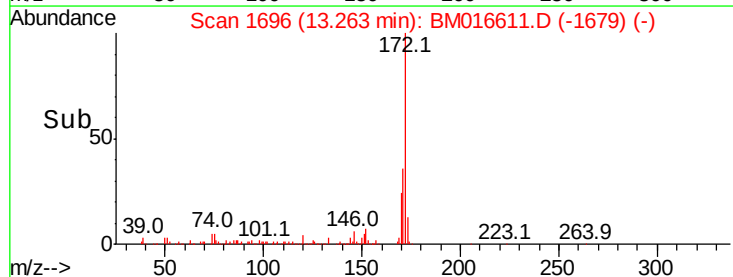
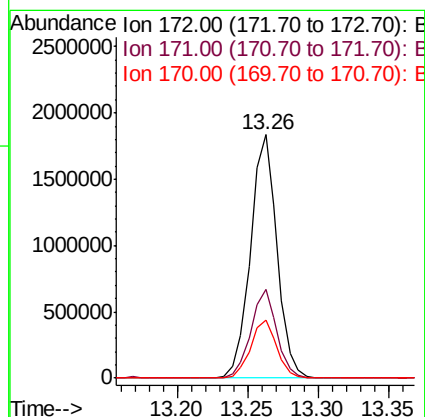
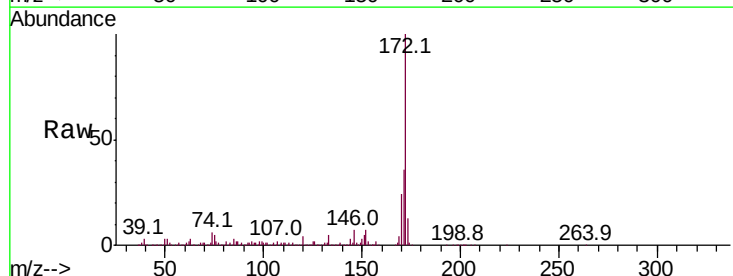
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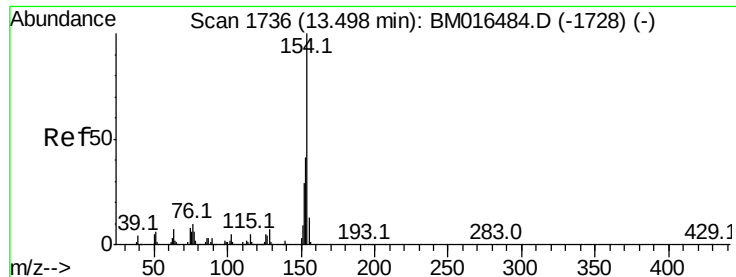
Sohil
 8/28/2018 11:16:56 AM



#44
 2-Fluorobiphenyl
 Concen: 77.622 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	28.5	42.7	
170	23.9	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 36.380 ng

RT: 13.47 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

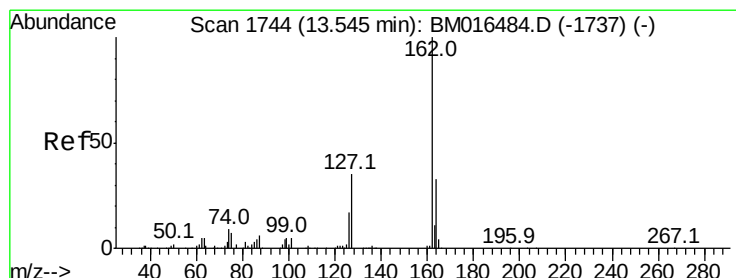
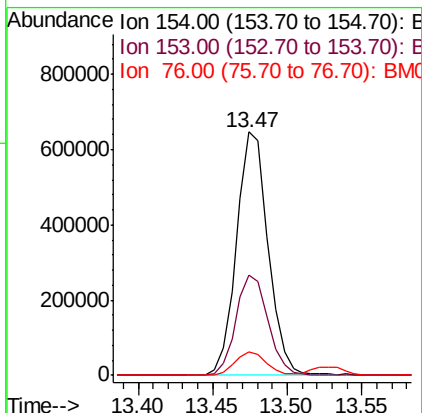
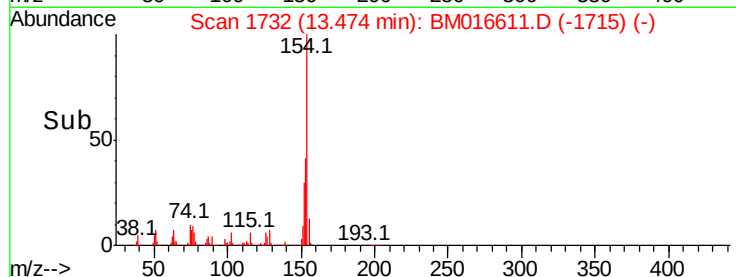
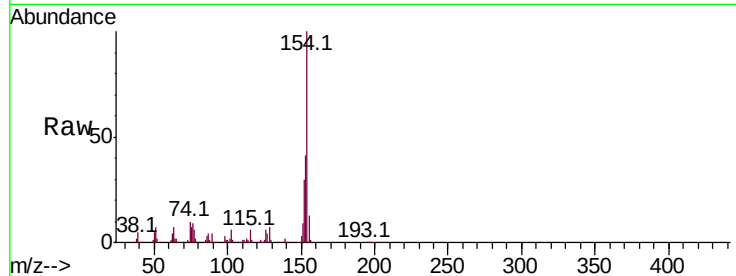
ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:	154	Resp:	954484
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.7	60.7
76	9.5	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 36.747 ng

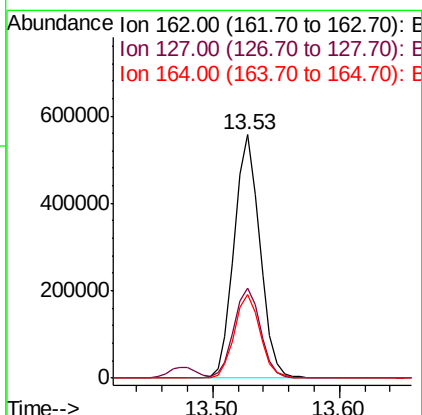
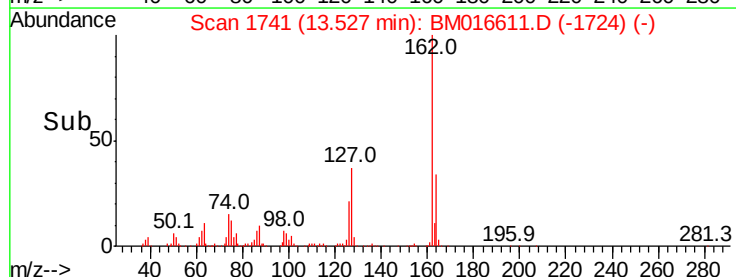
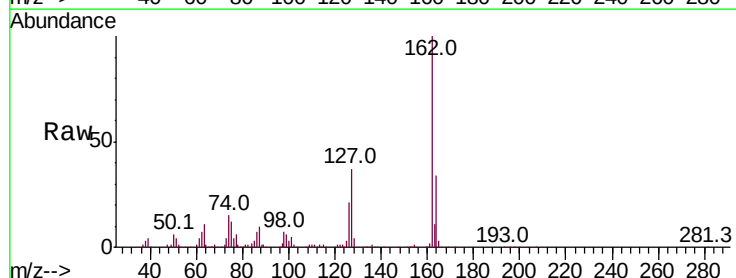
RT: 13.53 min Scan# 1741

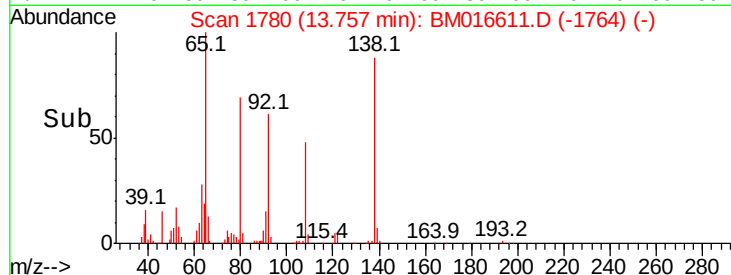
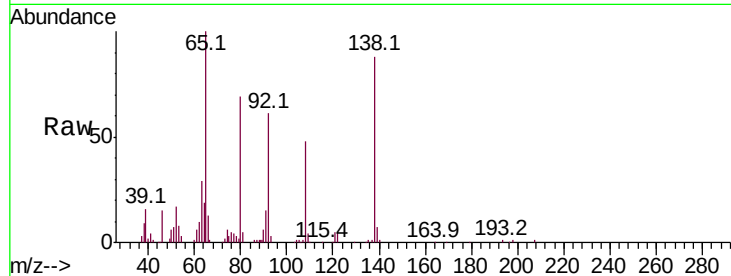
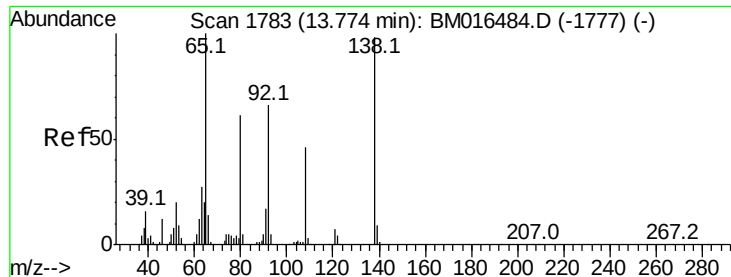
Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:	162	Resp:	783276
Ion Ratio	Lower	Upper	
162	100		
127	36.9	26.9	40.3
164	34.1	26.8	40.2





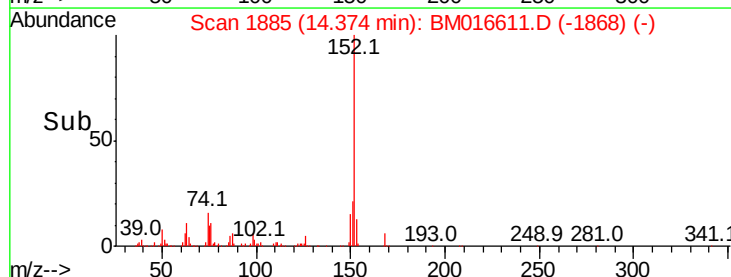
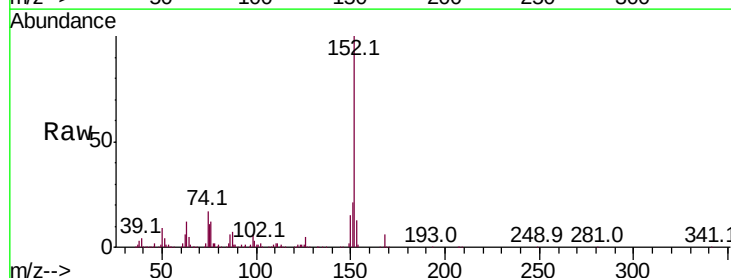
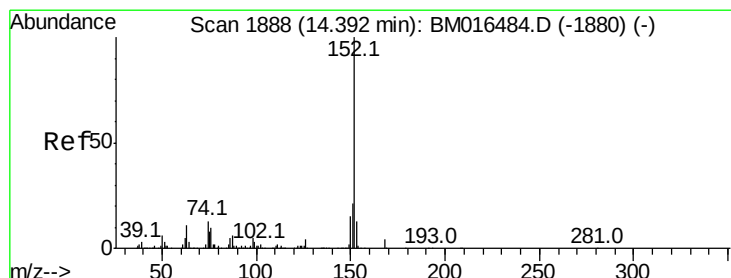
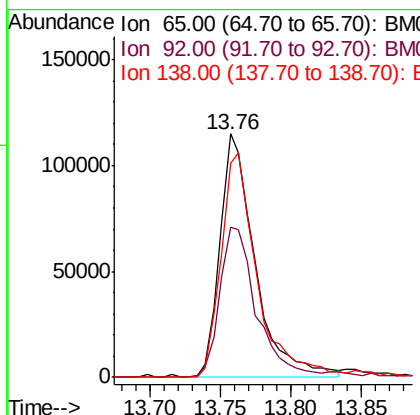
#47
2-Nitroaniline
Concen: 35.220 ng
RT: 13.76 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	59.1	88.7
138	88.2	93.9	140.9

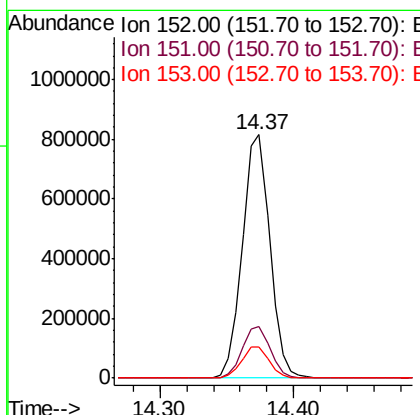
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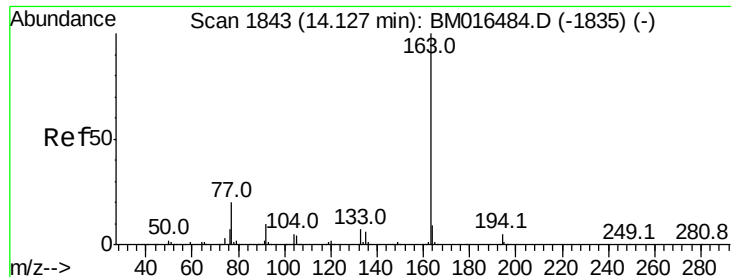
Sohil
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#48
Acenaphthylene
Concen: 38.540 ng
RT: 14.37 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.9	23.9
153	13.0	10.6	16.0





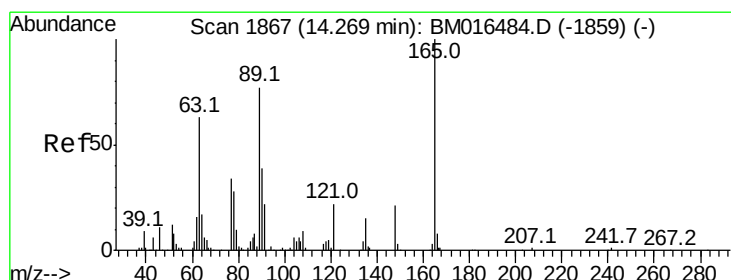
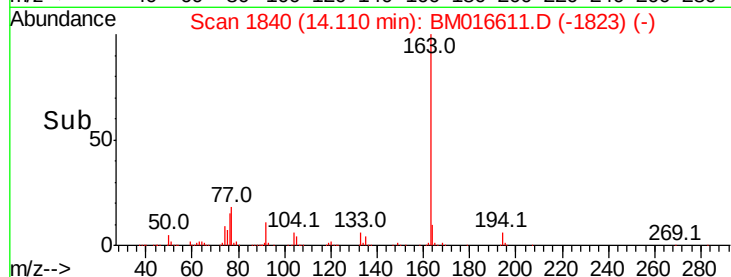
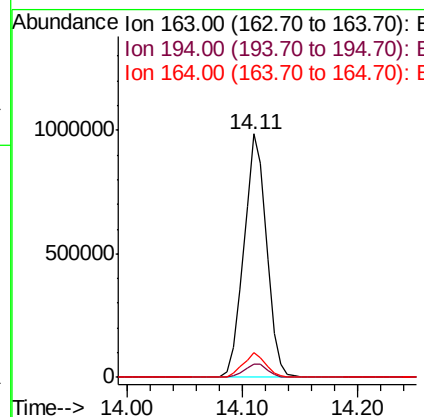
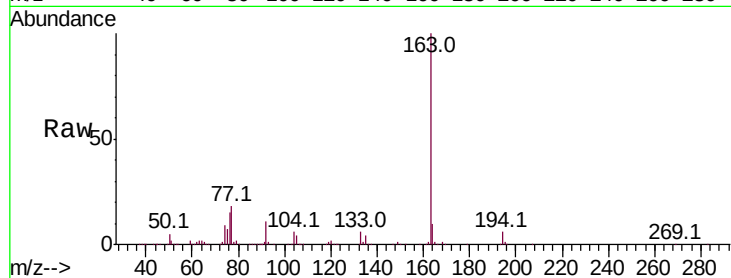
#49
Dimethylphthalate
Concen: 46.500 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.7	4.1#
164	10.3	8.2	12.2

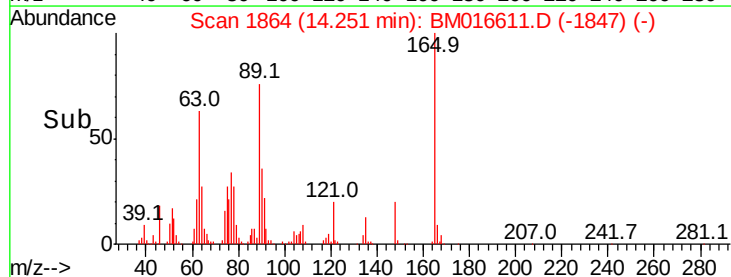
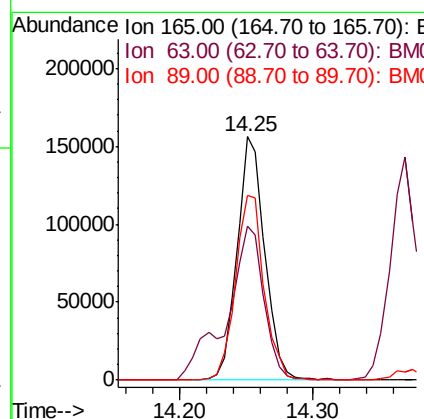
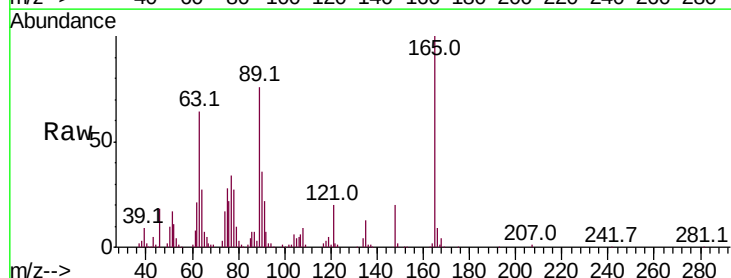
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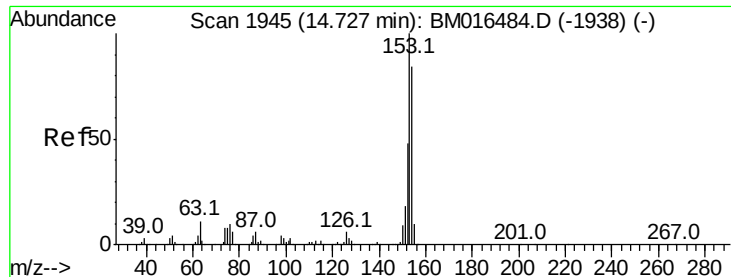
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.089 ng
RT: 14.25 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.5	44.1	66.1
89	75.9	44.3	66.5#





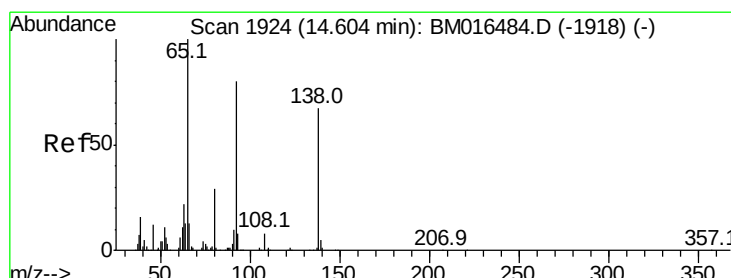
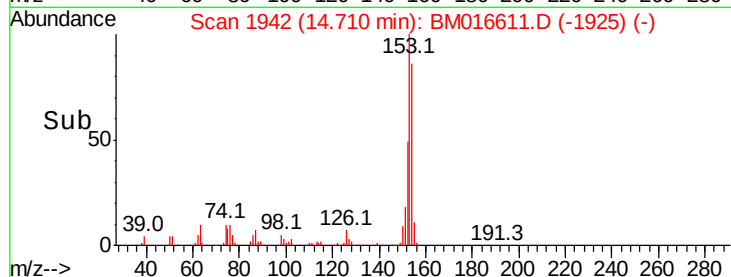
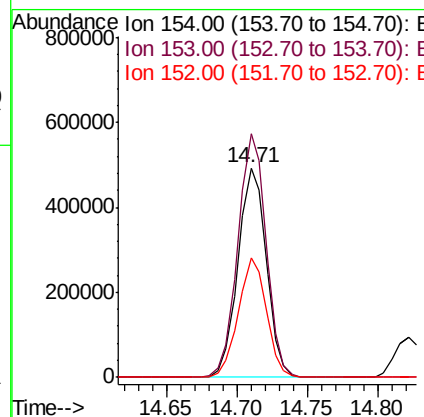
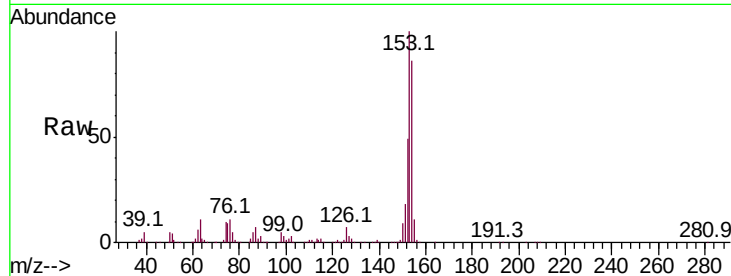
#51
Acenaphthene
Concen: 37.400 ng
RT: 14.71 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.3	90.0	135.0
152	57.0	42.6	63.8

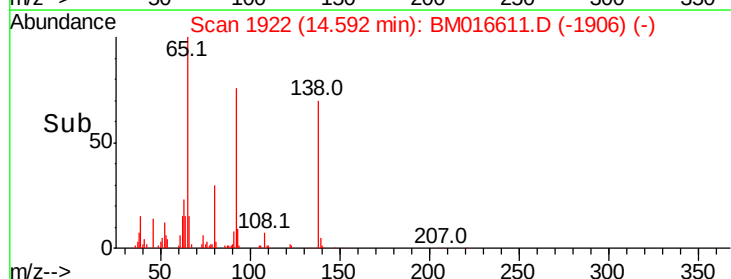
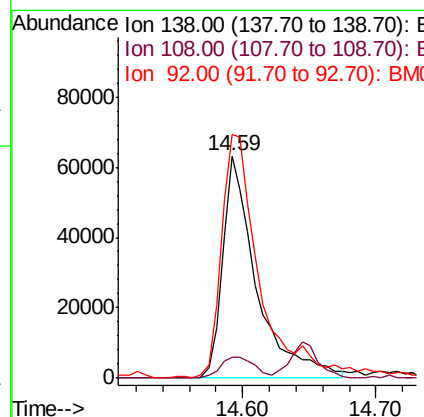
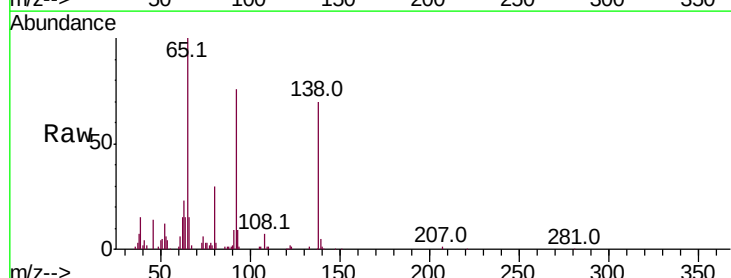
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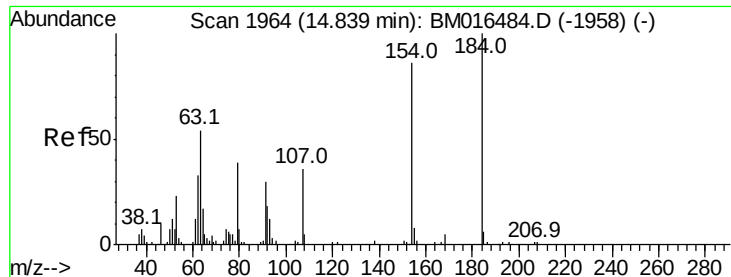
Sohil
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#52
3-Nitroaniline
Concen: 22.070 ng
RT: 14.59 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.3	10.9
92	109.6	76.6	114.8





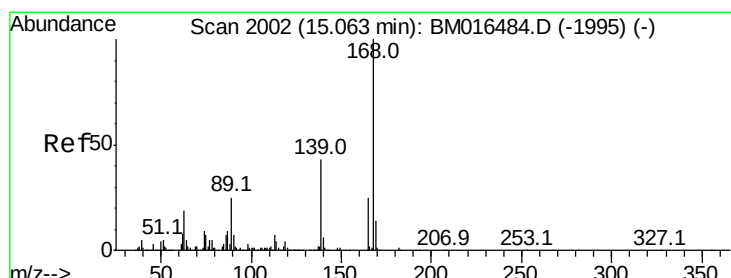
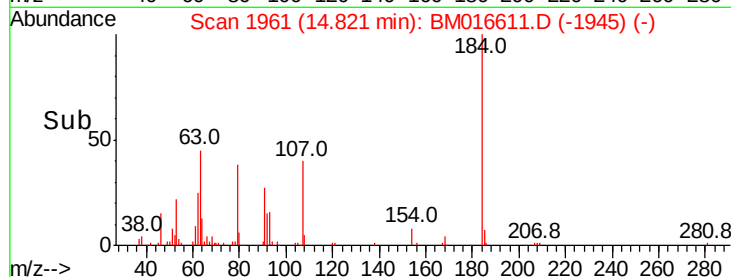
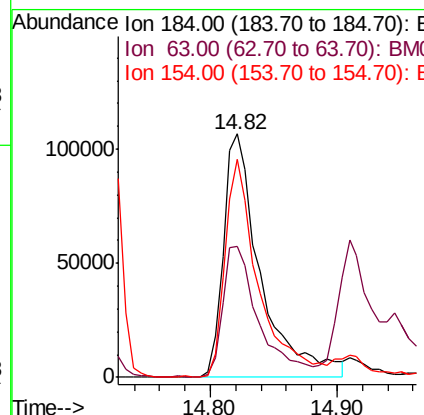
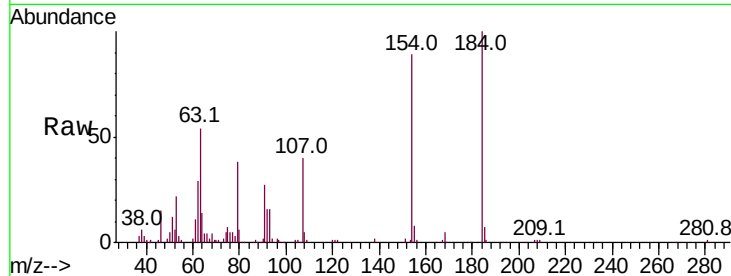
#53
2,4-Dinitrophenol
Concen: 77.491 ng
RT: 14.82 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.7	69.2	103.8#
154	89.4	53.3	79.9#

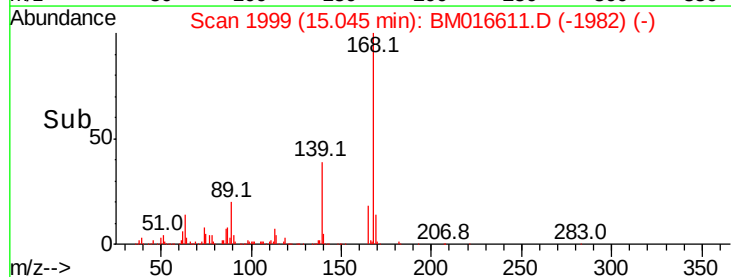
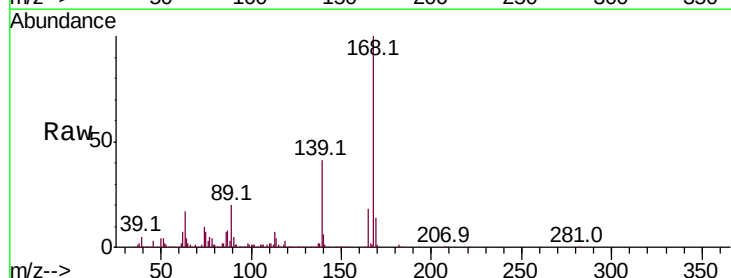
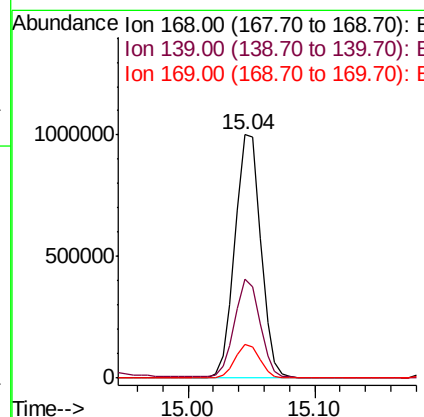
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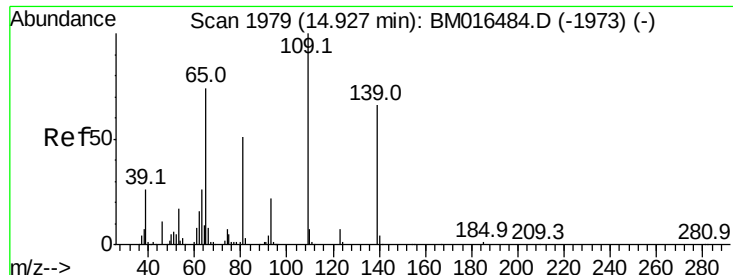
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#54
Dibenzofuran
Concen: 39.923 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	27.3	40.9
169	14.0	10.6	16.0





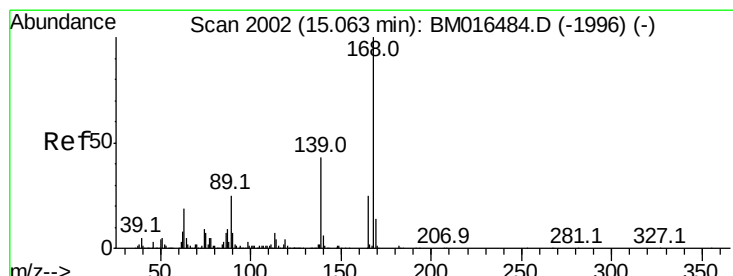
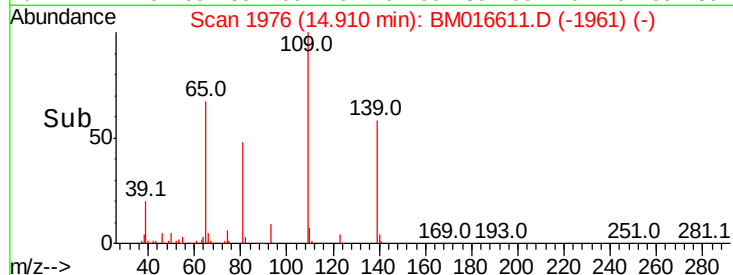
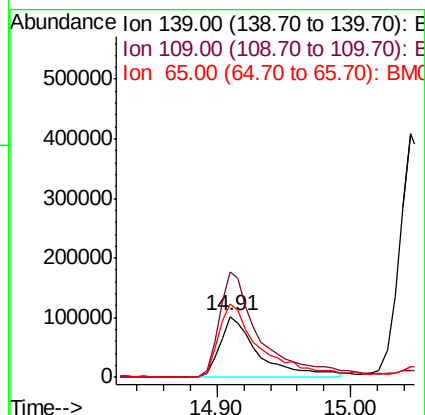
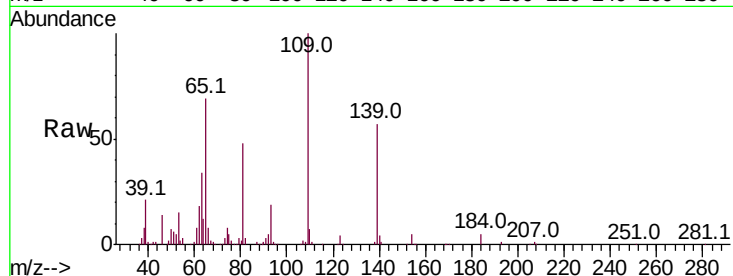
#55
4-Nitrophenol
Concen: 63.664 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	174.3	130.0	170.0#
65	120.0	130.0	170.0#

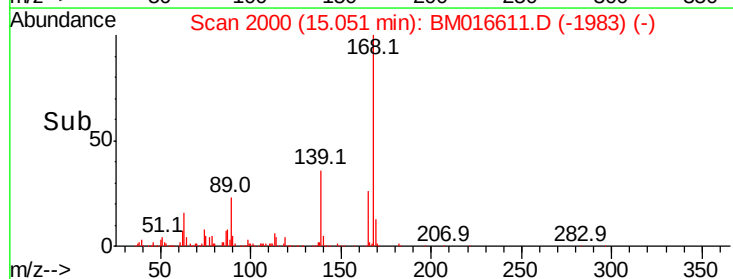
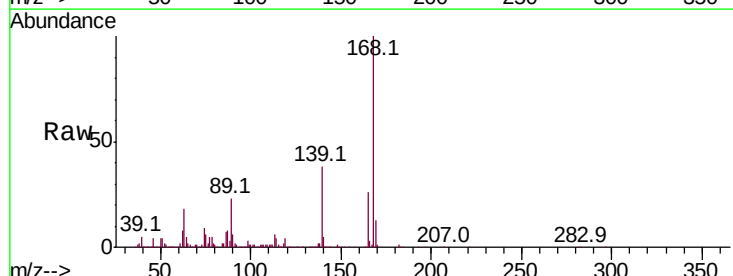
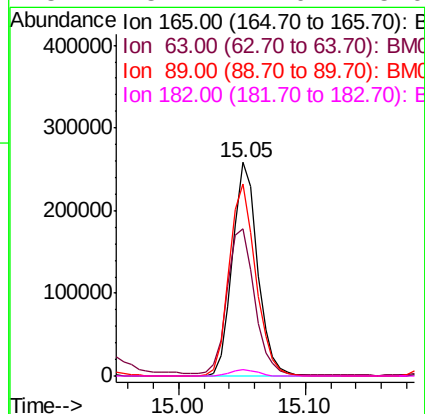
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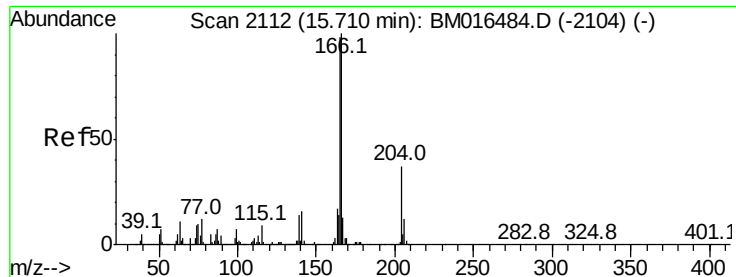
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#56
2,4-Dinitrotoluene
Concen: 37.787 ng
RT: 15.05 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.8	52.4	78.6
89	89.8	72.4	108.6
182	3.1	2.0	3.0#





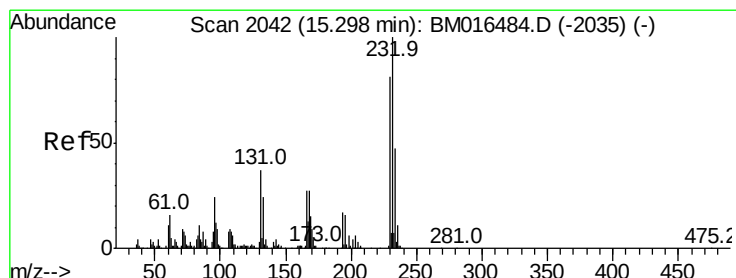
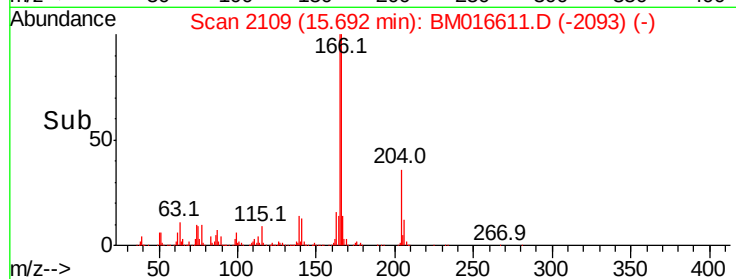
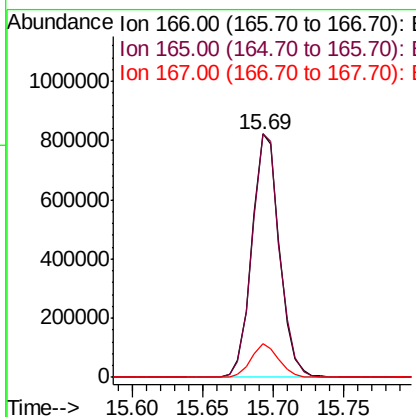
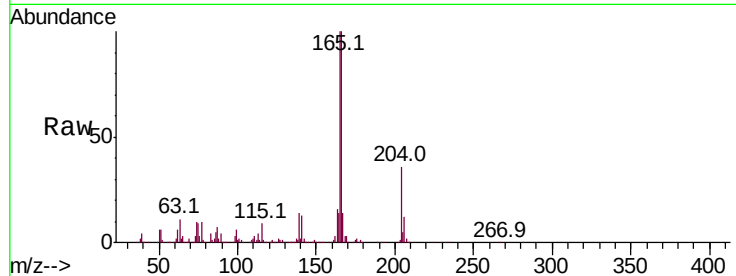
#57
 Fluorene
 Concen: 42.299 ng
 RT: 15.69 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	14.1	10.3	15.5

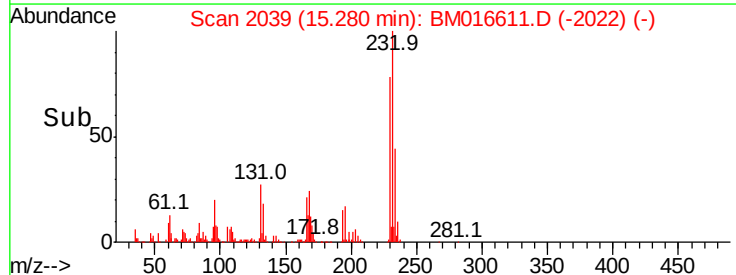
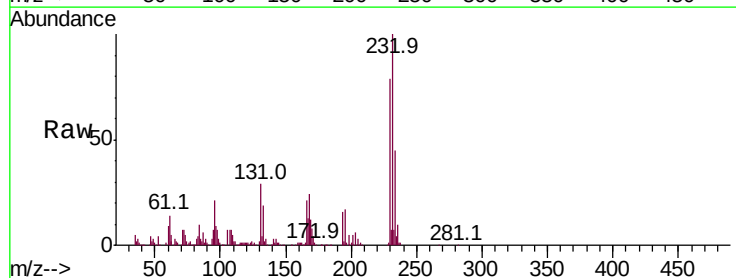
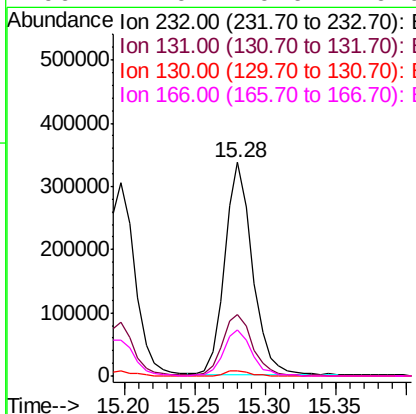
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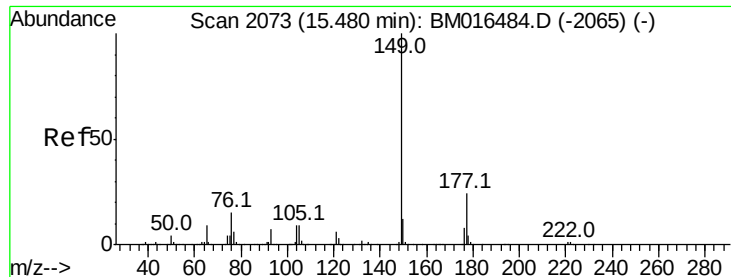
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.564 ng
 RT: 15.28 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.7	0.0	0.0#
130	2.4	0.0	0.0#
166	22.0	0.0	0.0#





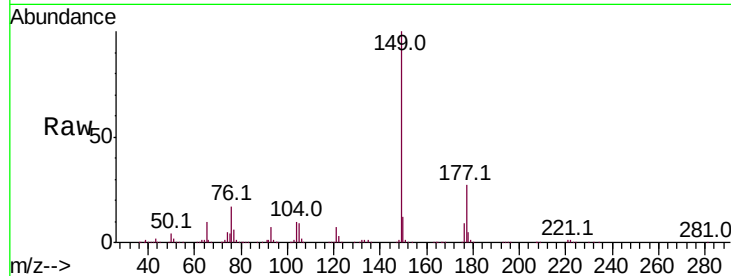
#59
Diethylphthalate
Concen: 36.598 ng
RT: 15.46 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.7	18.3	27.5
150	12.3	9.8	14.8

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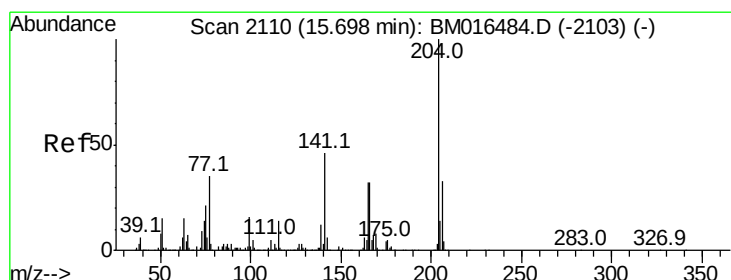
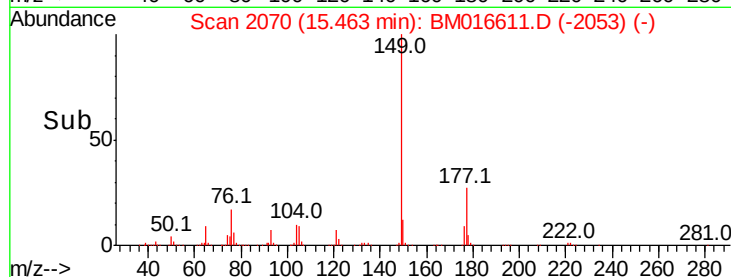
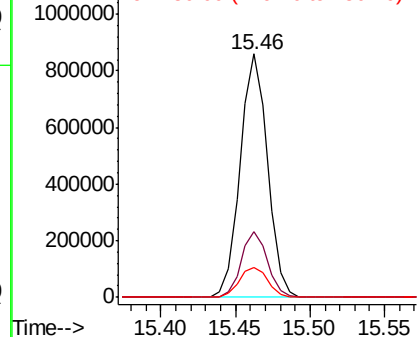


Abundance

Ion 149.00 (148.70 to 149.70): E

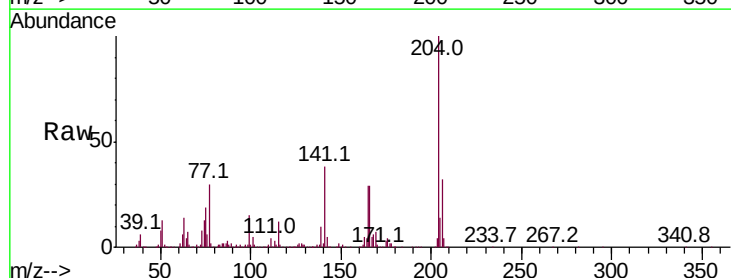
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 43.165 ng
RT: 15.68 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	38.2	45.2	67.8#

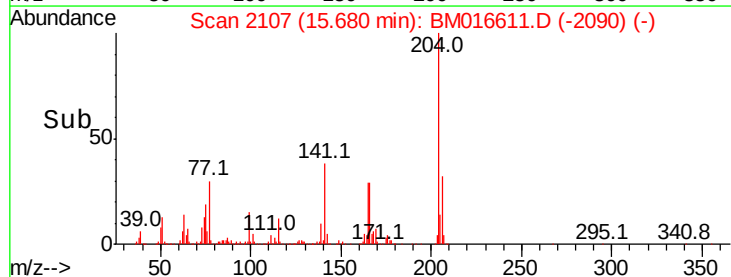
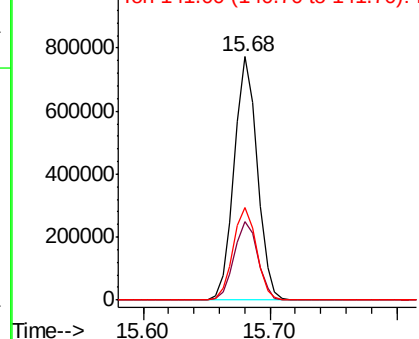


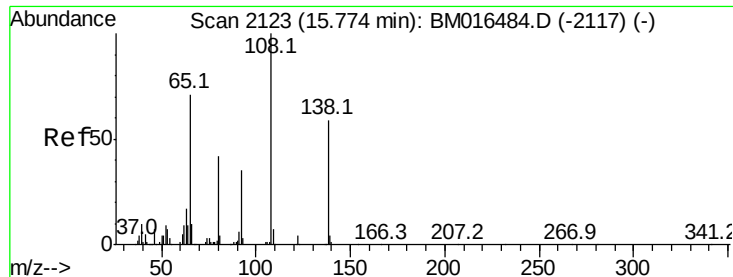
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





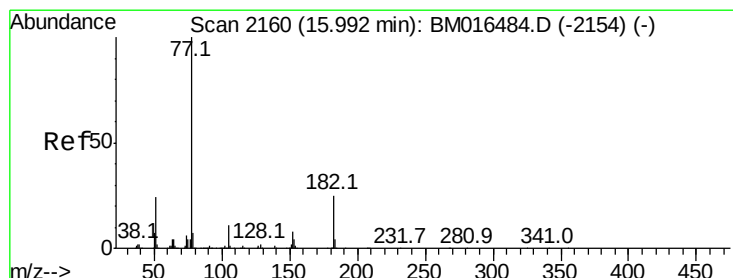
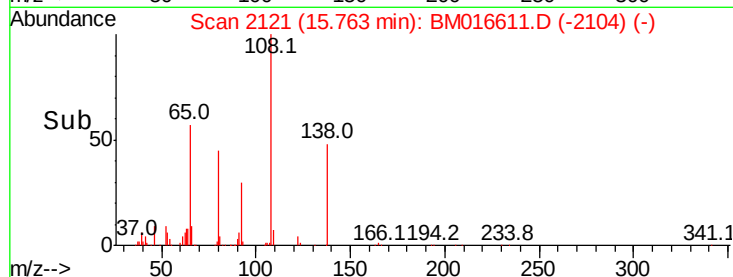
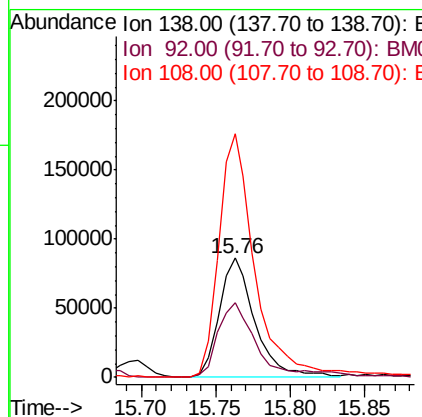
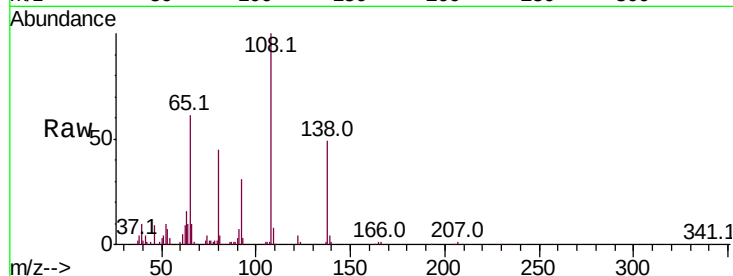
#61
4-Nitroaniline
Concen: 29.098 ng
RT: 15.76 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.8	16.7	56.7#
108	204.7	37.6	77.6#

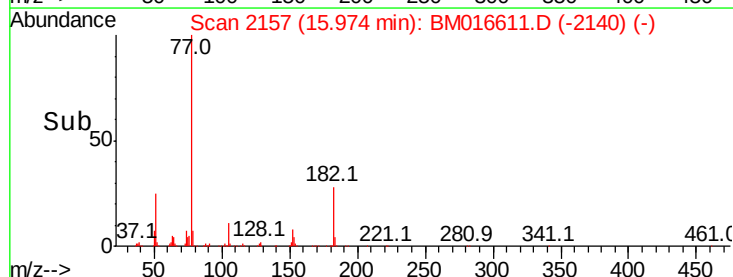
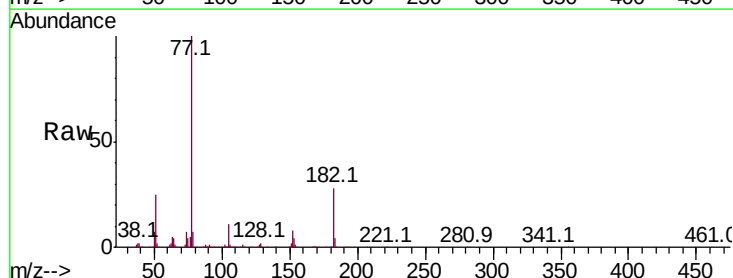
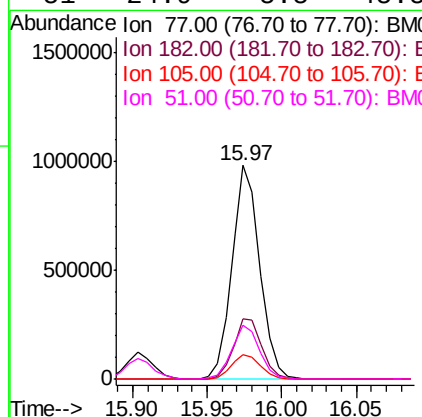
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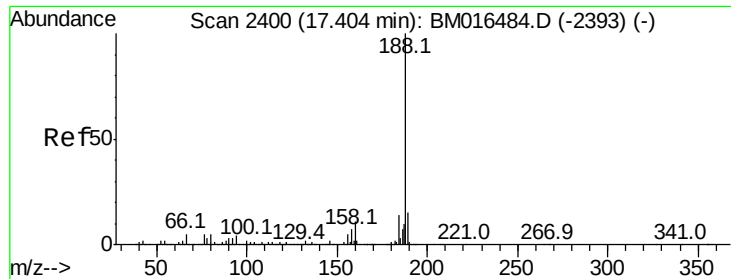
Sohil
8/28/2018 11:16:56 AM



#62
Azobenzene
Concen: 39.787 ng
RT: 15.97 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.5	46.5
105	11.3	3.8	43.8
51	24.9	5.5	45.5





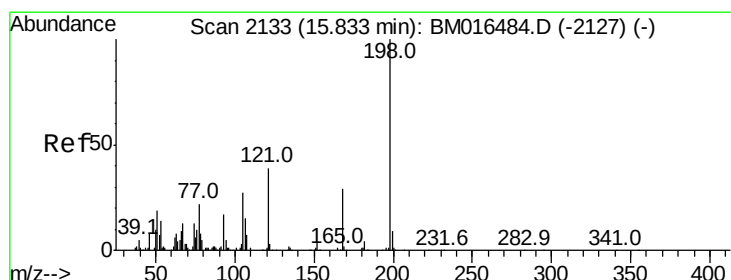
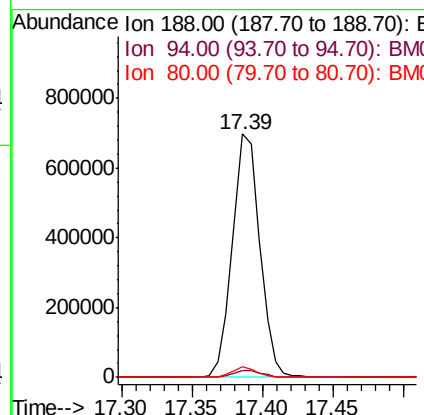
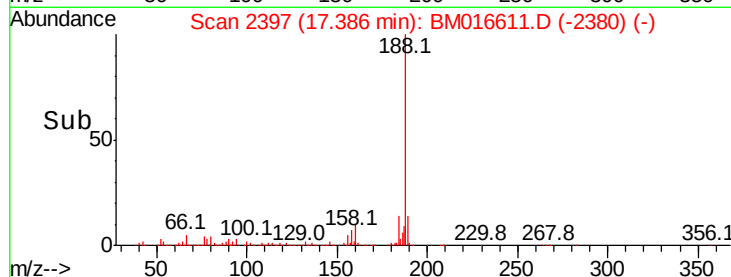
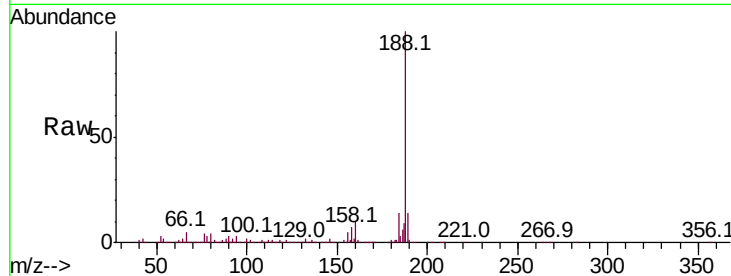
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	3.0	8.7	13.1#
80	4.3	9.3	13.9#

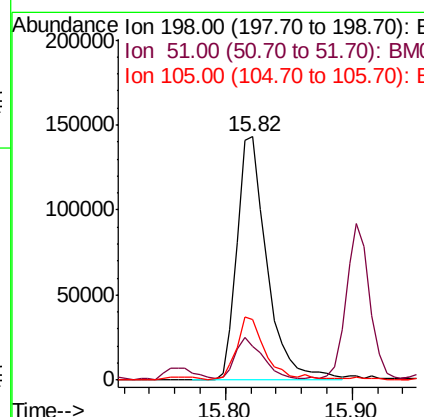
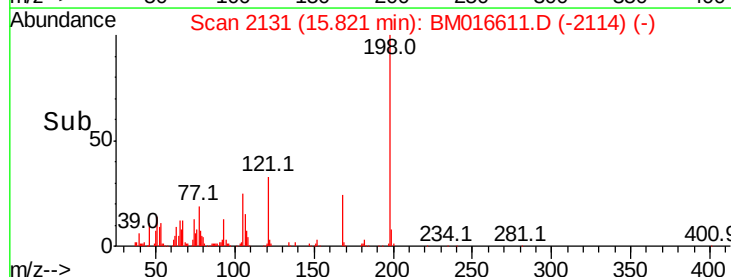
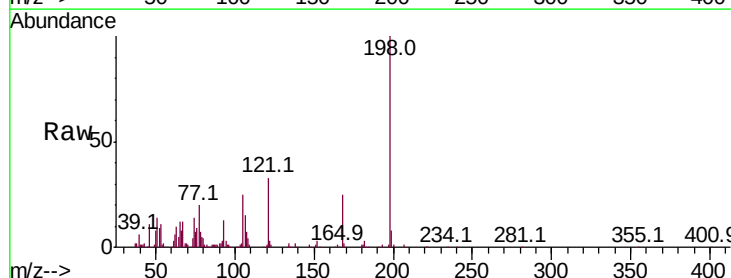
Manual Integrations
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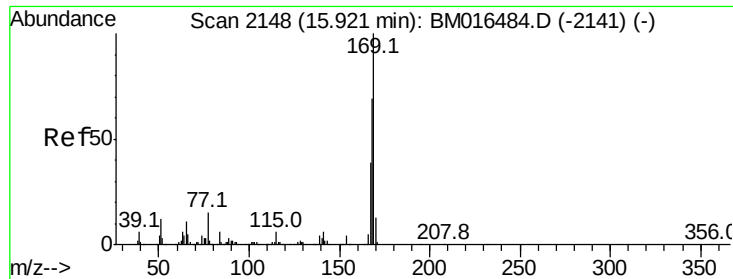
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.478 ng
RT: 15.82 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	14.0	28.8	68.8#
105	25.1	30.5	70.5#





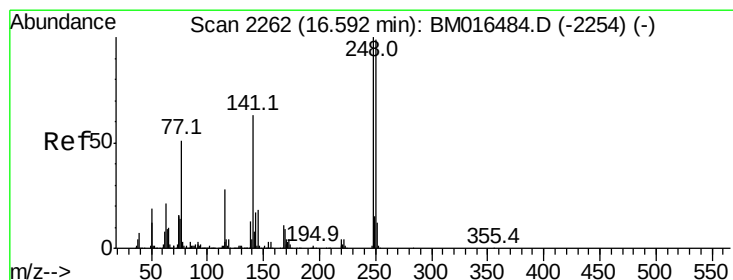
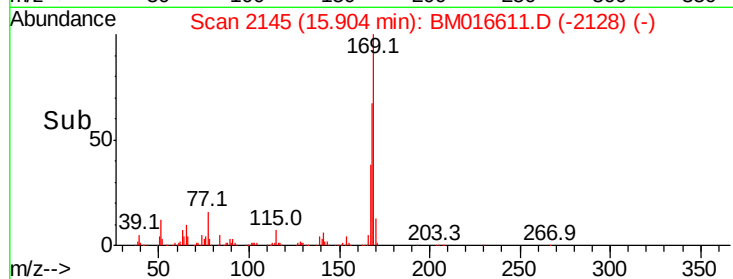
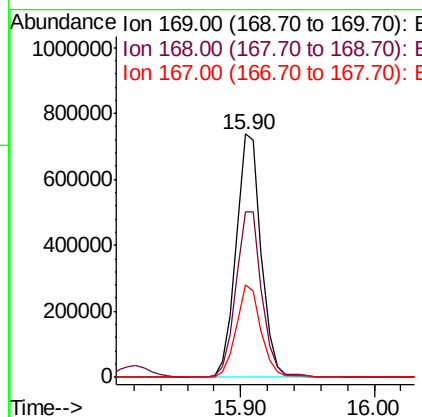
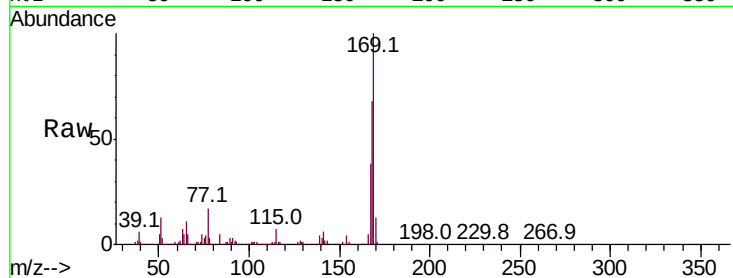
#65
 n-Nitrosodiphenylamine
 Concen: 36.197 ng
 RT: 15.90 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	966217		
168	68.0		53.9	80.9
167	37.8		28.9	43.3

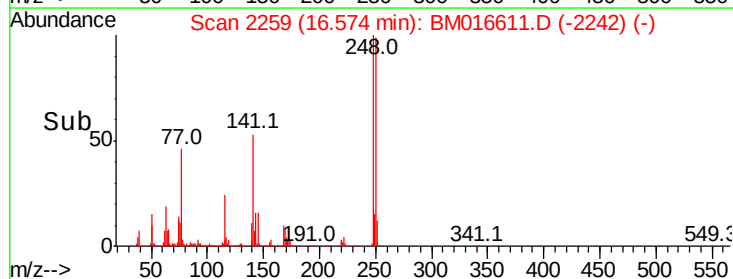
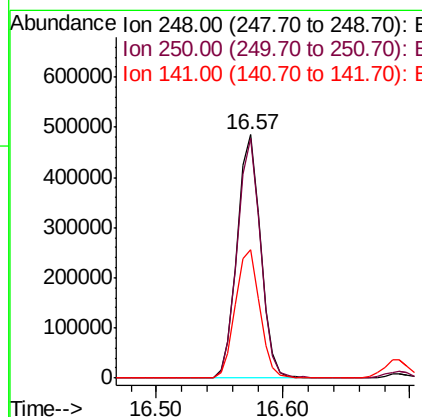
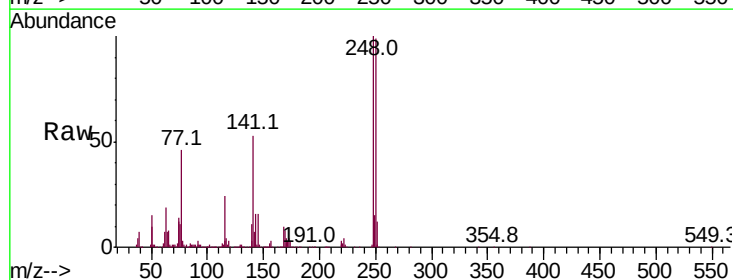
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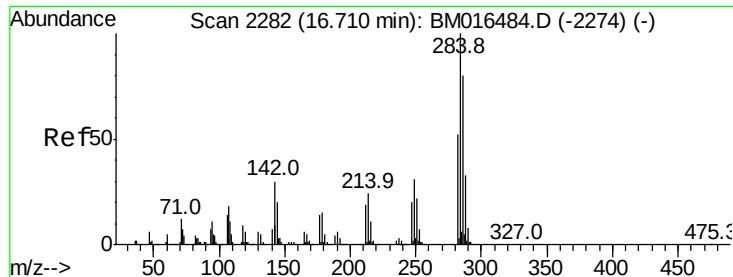
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 42.497 ng
 RT: 16.57 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	619588		
250	98.7		77.4	116.0
141	52.9		45.2	67.8





#67

Hexachlorobenzene

Concen: 41.076 ng

RT: 16.69 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

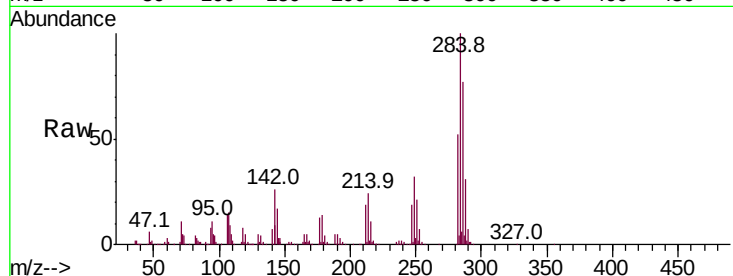
ClientSampleId :

BYR-2-E(9-10)MSD

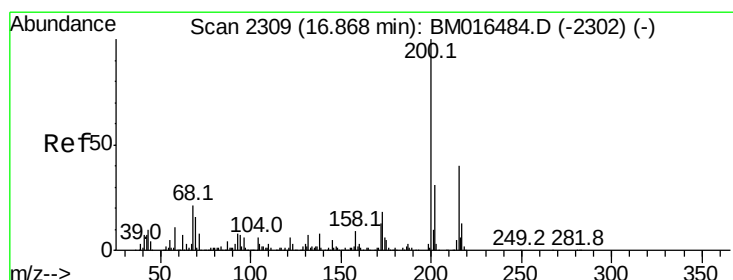
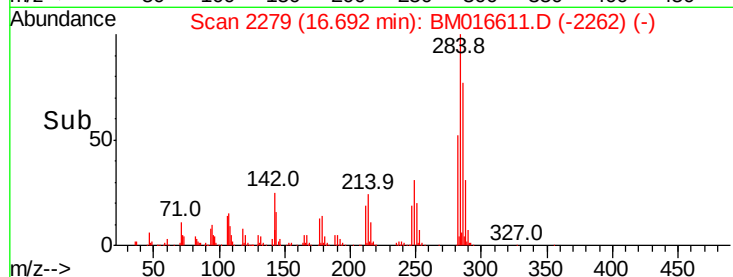
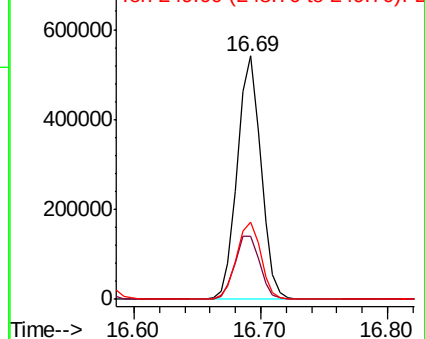
Tot Ion:	284	Resp:	698389
Ion Ratio	Lower	Upper	
284	100		
142	25.7	20.4	30.6
249	31.9	23.8	35.6

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



#68

Atrazine

Concen: 46.116 ng

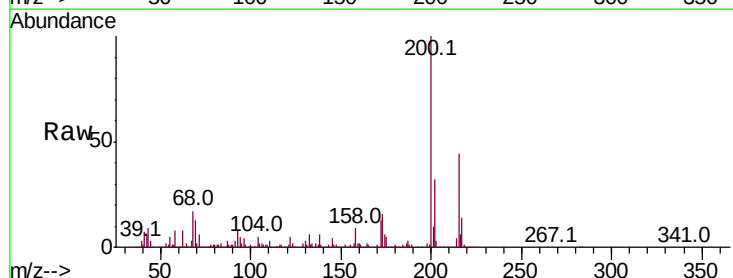
RT: 16.85 min Scan# 2306

Delta R.T. -0.00 min

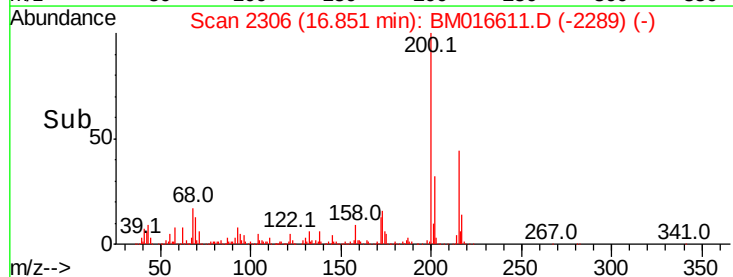
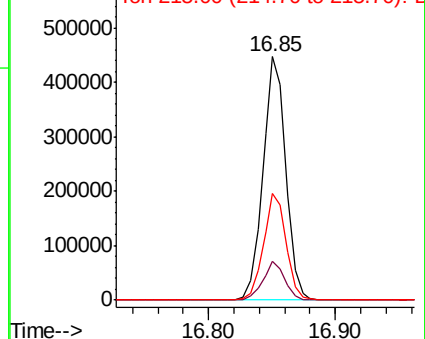
Lab File: BM016611.D

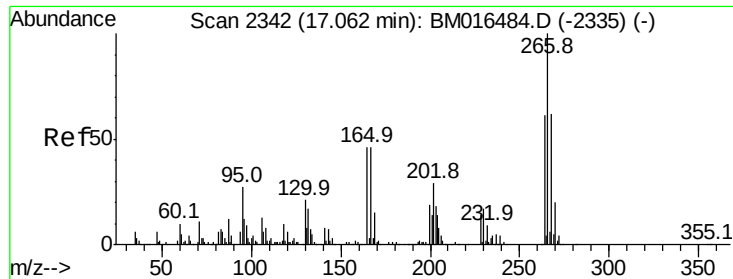
Acq: 27 Aug 2018 17:51

Tgt Ion:	200	Resp:	561789
Ion Ratio	Lower	Upper	
200	100		
173	16.2	4.8	44.8
215	44.1	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





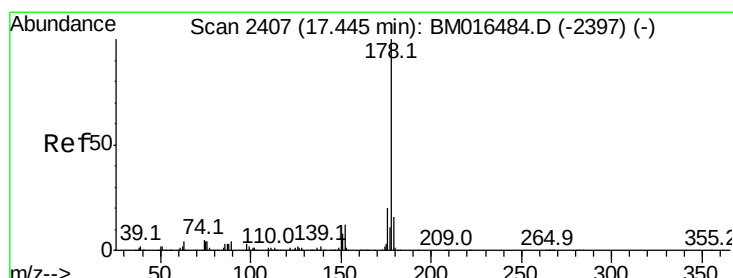
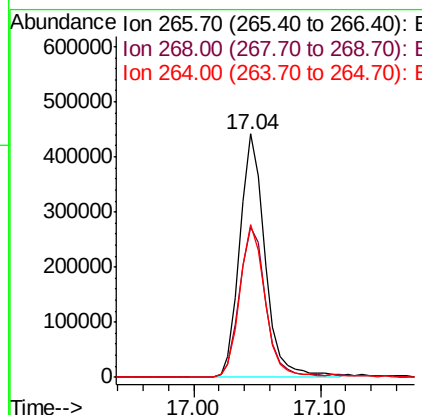
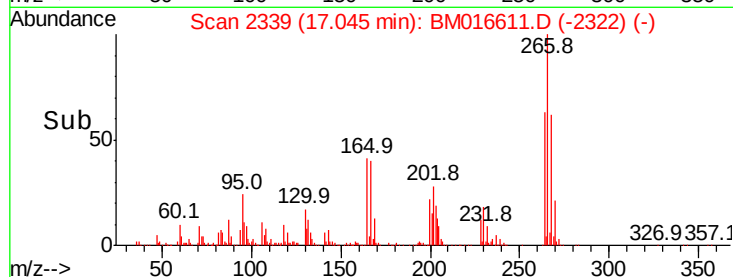
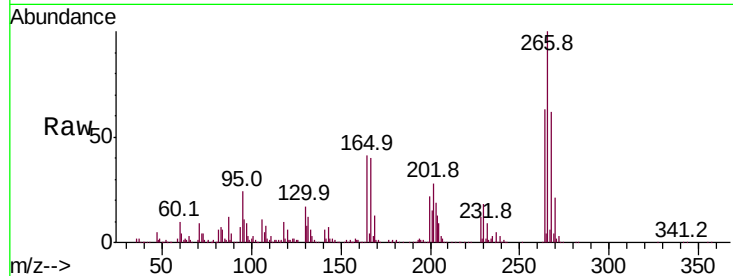
#69
 Pentachlorophenol
 Concen: 67.855 ng
 RT: 17.04 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	610435		
268	61.9	52.0	78.0	
264	62.7	49.0	73.4	

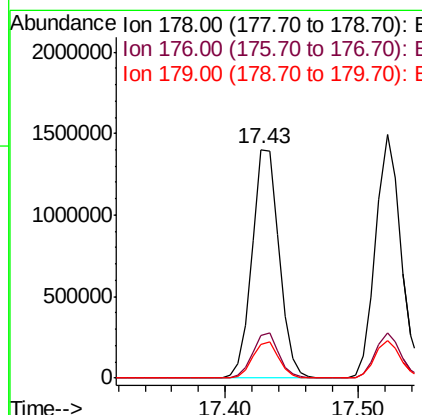
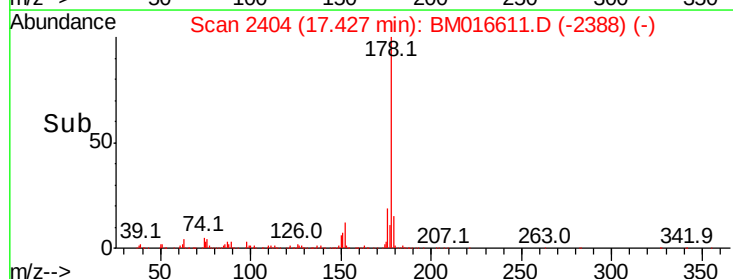
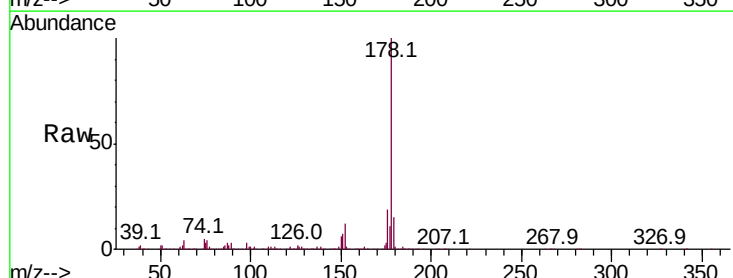
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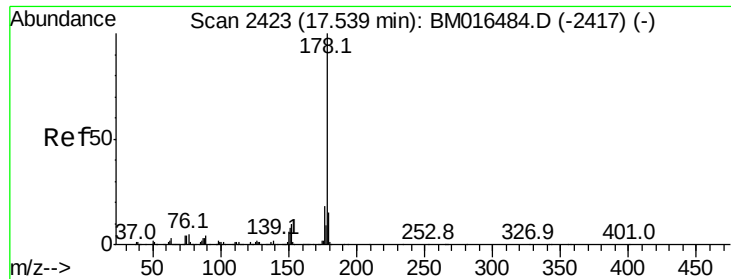
Sohil
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#70
 Phenanthrene
 Concen: 39.680 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1945976		
176	18.5	15.2	22.8	
179	15.0	12.1	18.1	





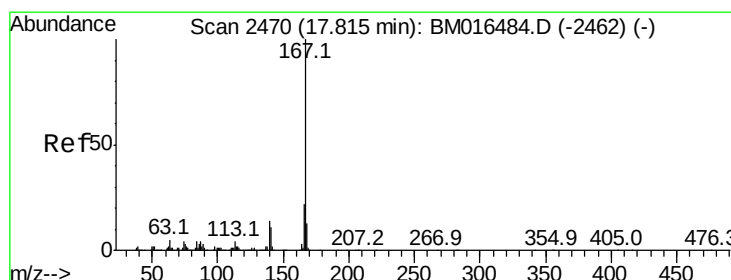
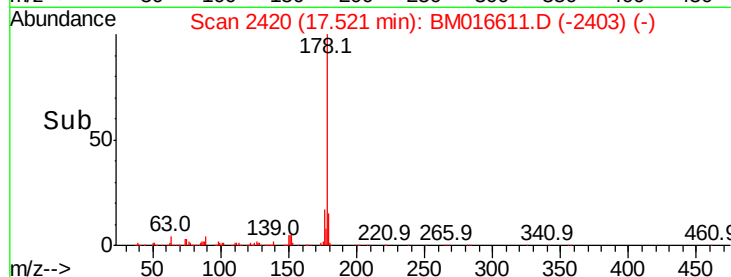
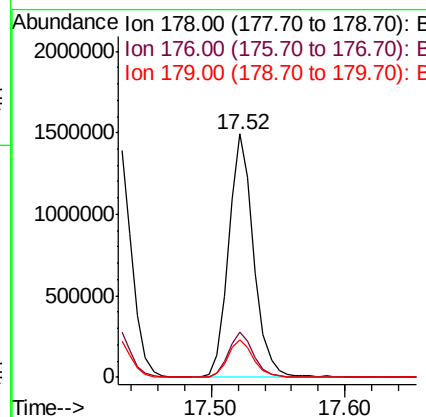
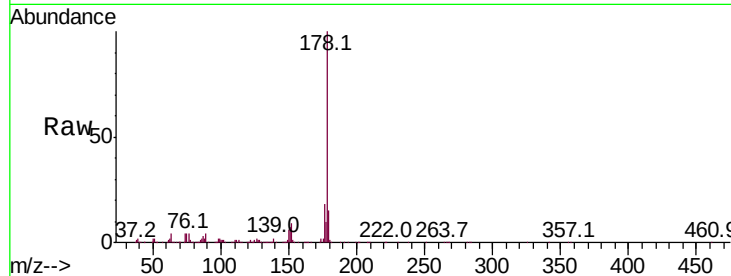
#71
 Anthracene
 Concen: 40.216 ng
 RT: 17.52 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.4	12.6	19.0

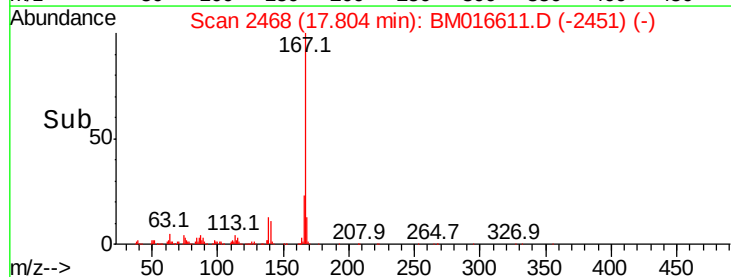
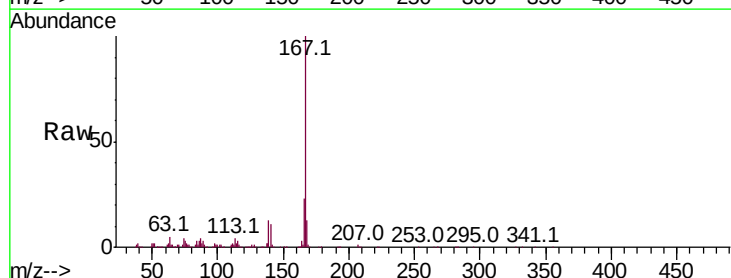
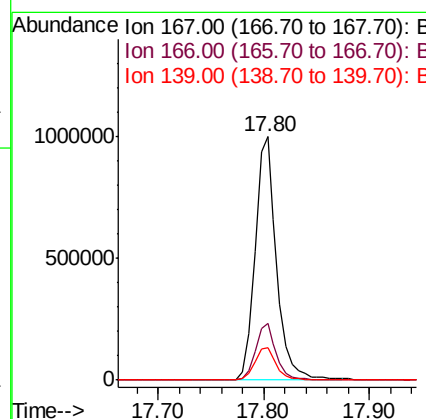
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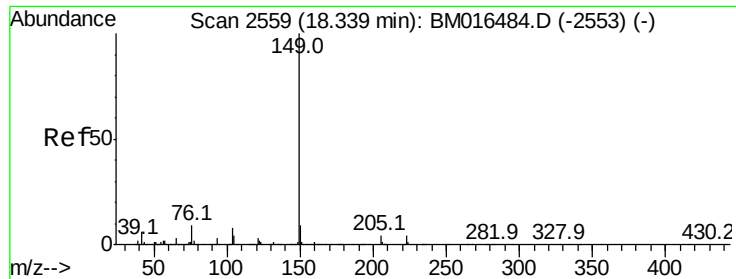
Sohil
 8/28/2018 11:16:56 AM



#72
 Carbazole
 Concen: 32.147 ng
 RT: 17.80 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.2	25.8
139	13.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 34.240 ng

RT: 18.33 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:149 Resp: 1826889

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

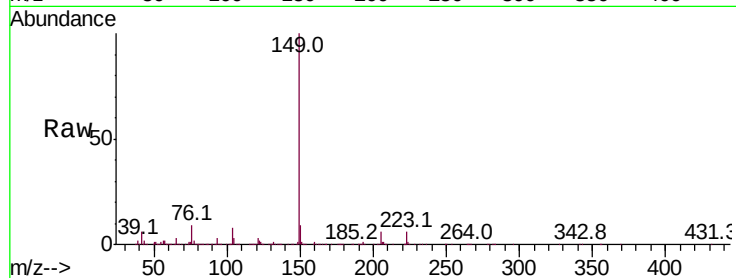
104 7.6 3.7 5.5#

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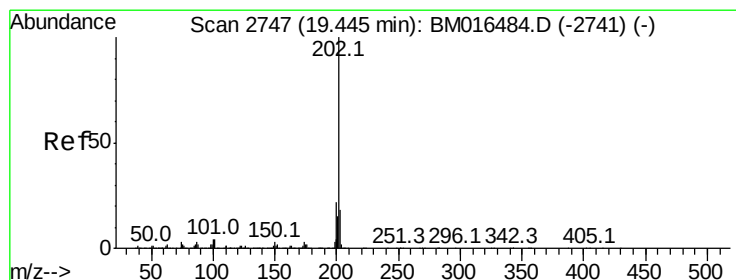
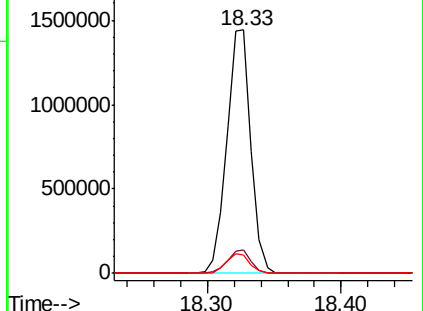
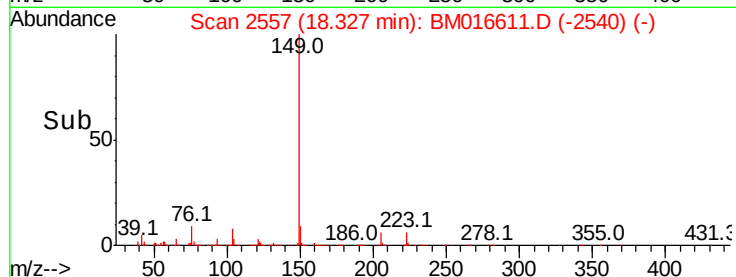
8/28/2018 11:16:56 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.504 ng

RT: 19.43 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

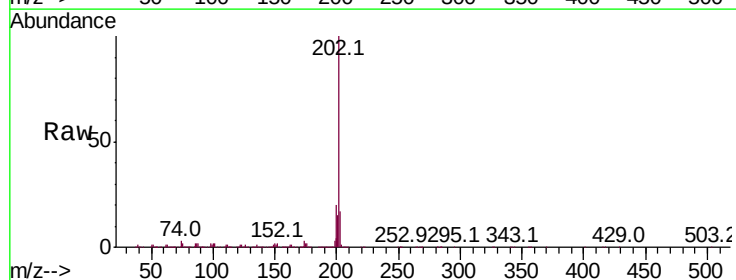
Tgt Ion:202 Resp: 2984437

Ion Ratio Lower Upper

202 100

101 2.4 0.0 28.7

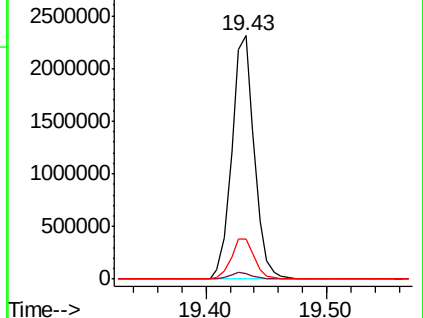
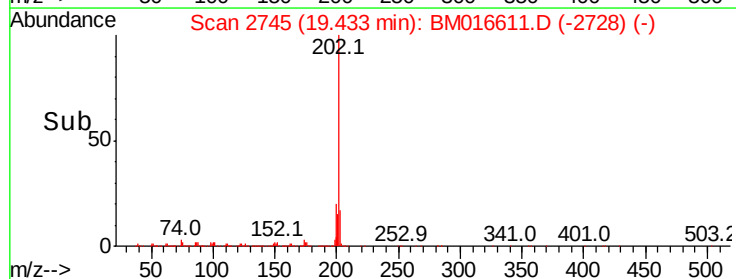
203 16.5 0.0 37.2

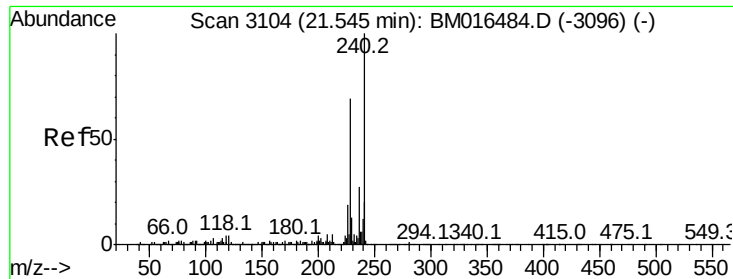


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





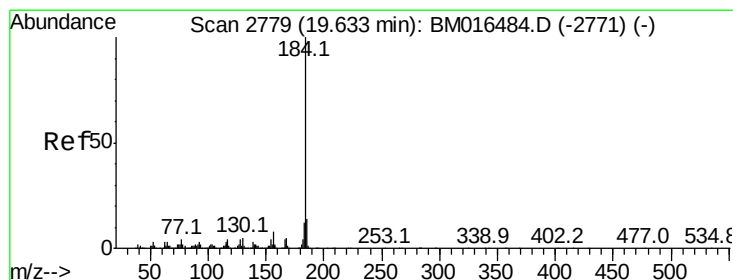
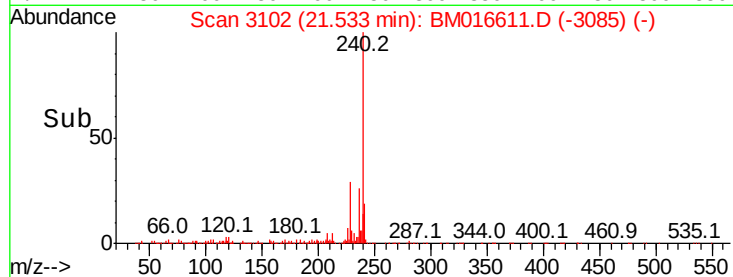
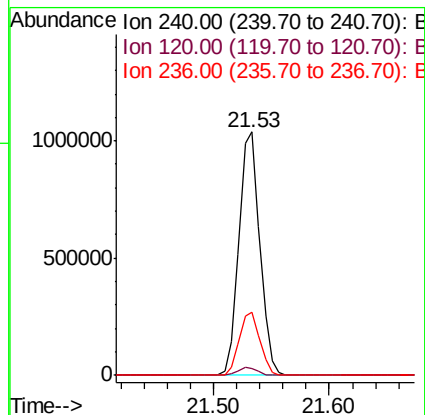
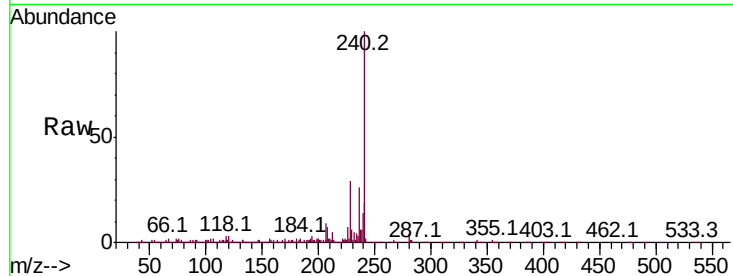
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.6	8.2	12.2#
236	26.1	20.0	30.0

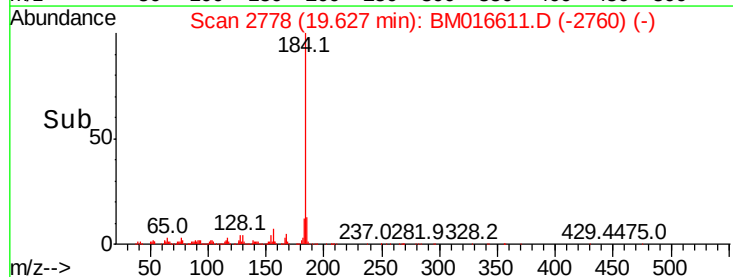
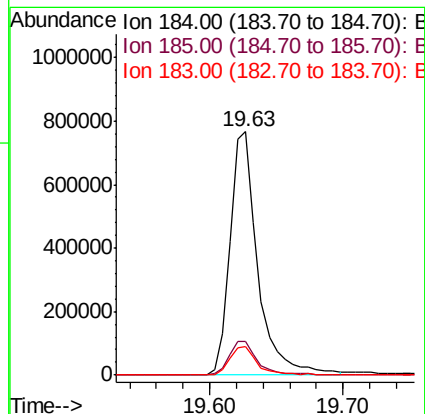
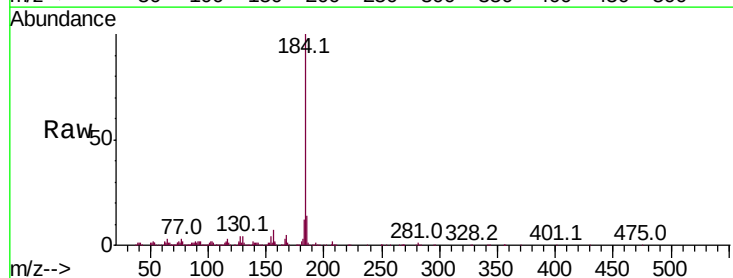
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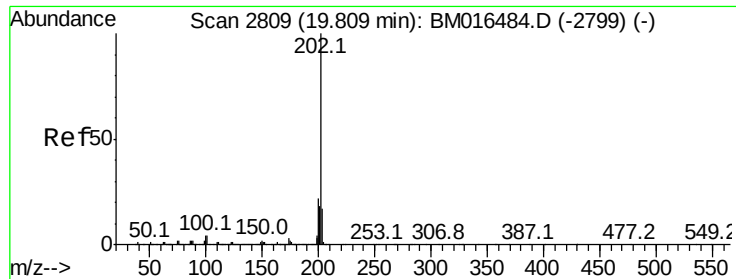
Sohil
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#76
 Benzidine
 Concen: 44.922 ng
 RT: 19.63 min Scan# 2778
 Delta R.T. 0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.3	16.9
183	12.0	8.9	13.3





#77

Pvrene

Concen: 42.816 ng

RT: 19.79 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

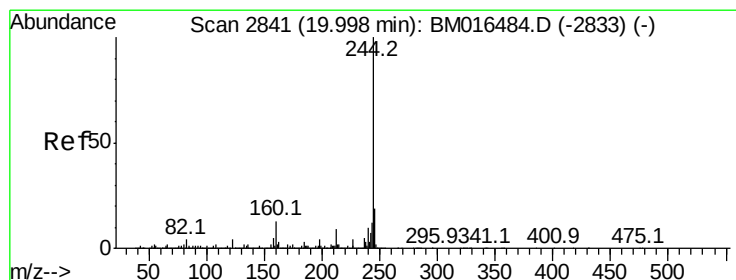
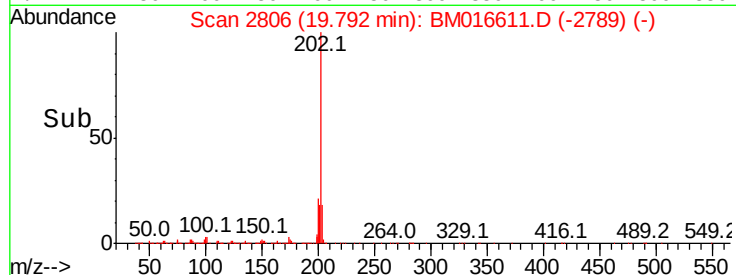
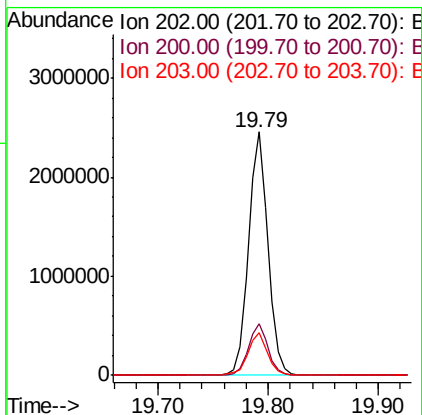
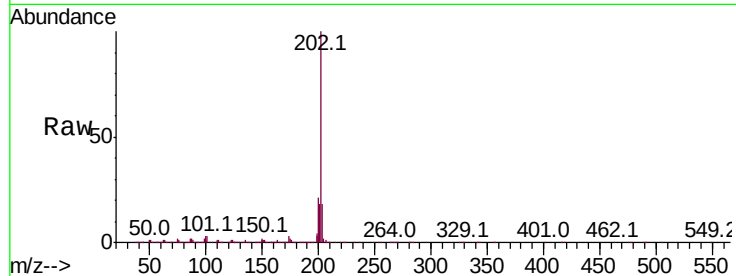
ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:	202	Resp:	3027750
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.7	14.1	21.1

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#78

Terphenyl-d14

Concen: 90.157 ng

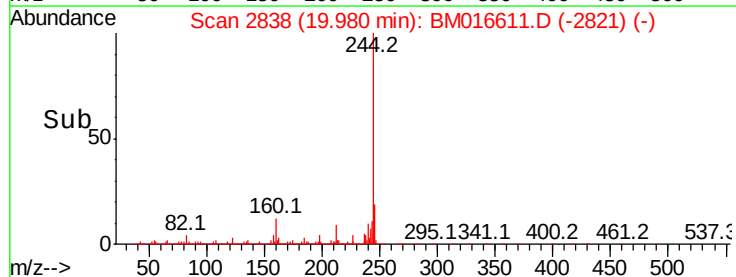
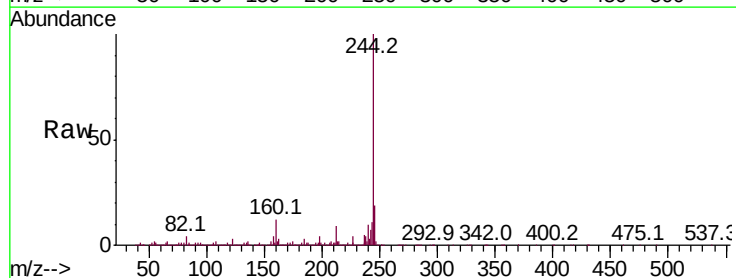
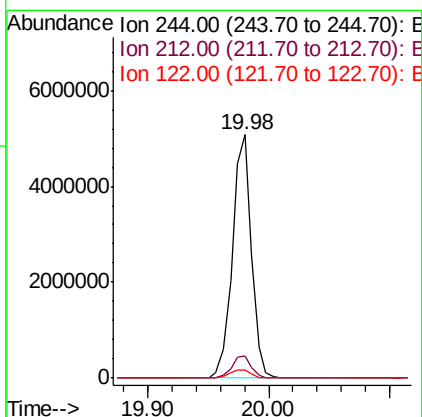
RT: 19.98 min Scan# 2838

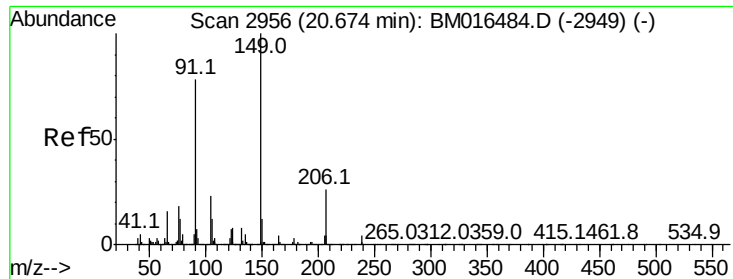
Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion:	244	Resp:	5542491
Ion Ratio	Lower	Upper	
244	100		
212	8.9	4.9	7.3#
122	3.2	6.2	9.4#





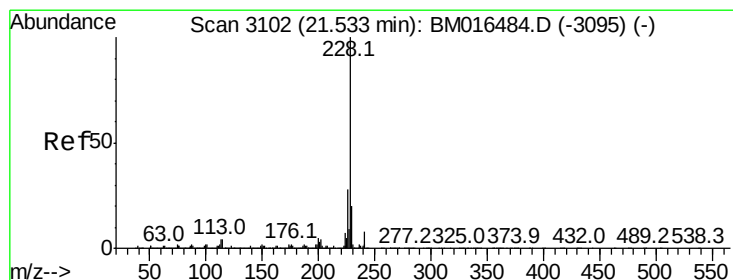
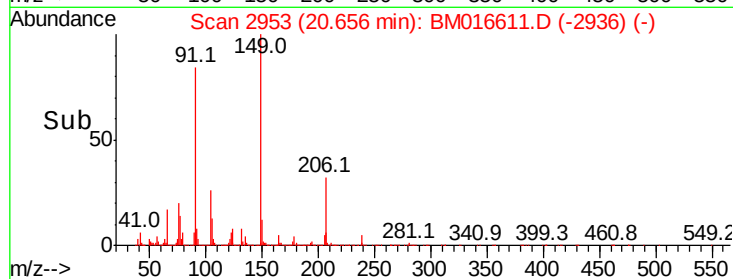
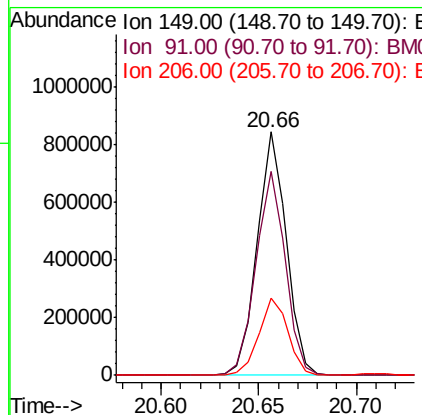
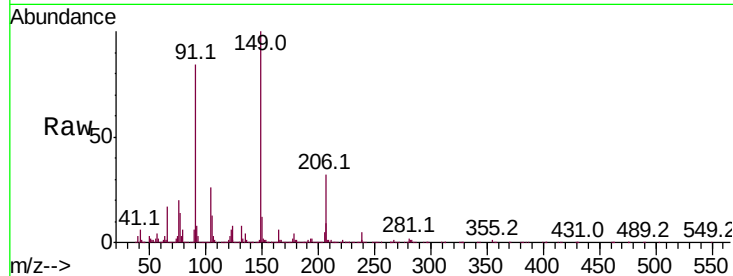
#79
Butylbenzylphthalate
Concen: 35.694 ng
RT: 20.66 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.7	50.1	75.1#
206	31.6	16.2	24.2#

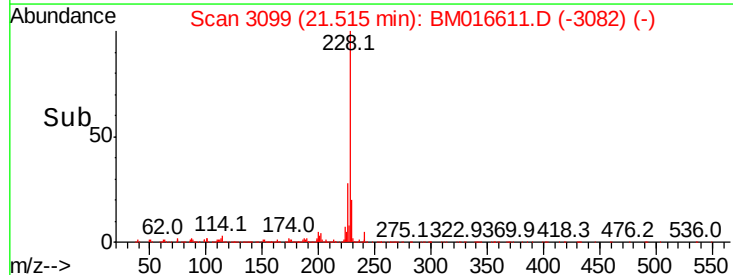
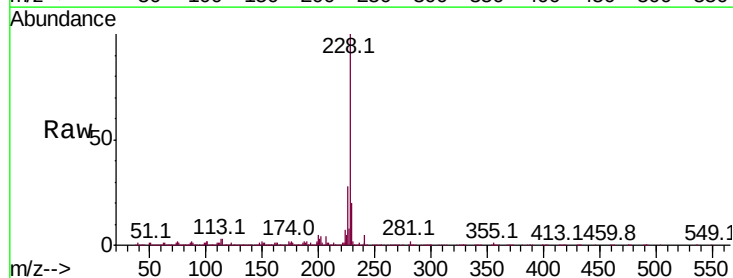
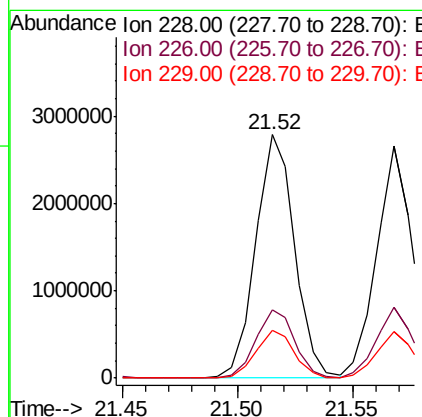
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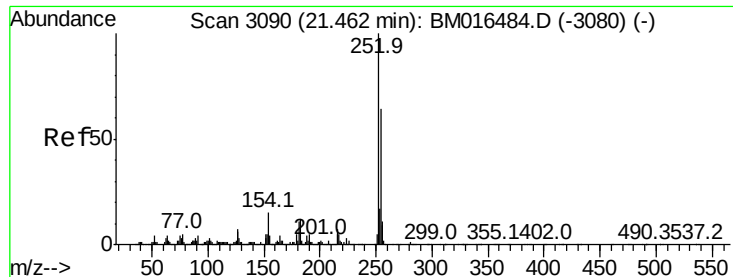
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#80
Benzo(a)anthracene
Concen: 42.659 ng
RT: 21.52 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	19.7	16.0	24.0





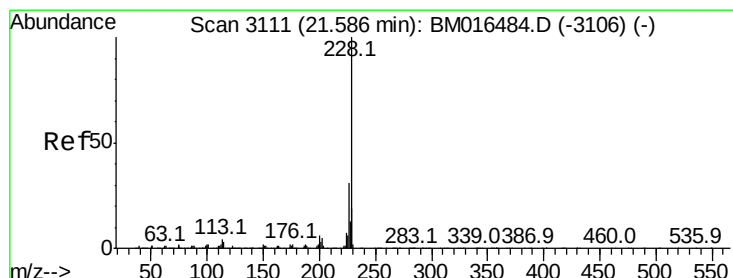
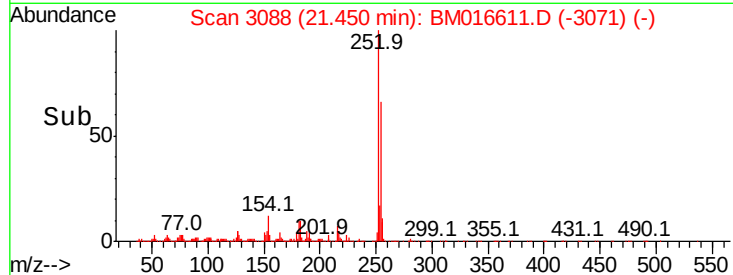
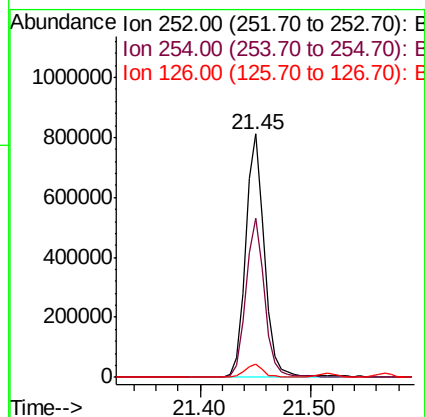
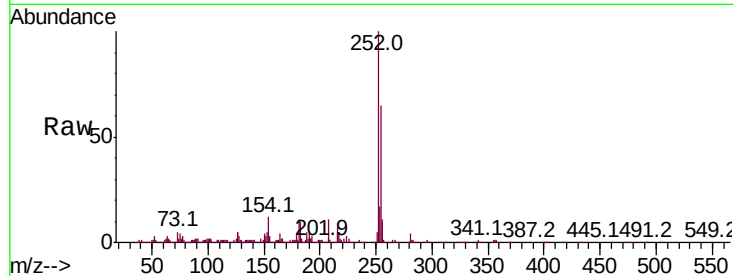
#81
 3,3'-Dichlorobenzidine
 Concen: 28.450 ng
 RT: 21.45 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	5.3	9.8	14.8

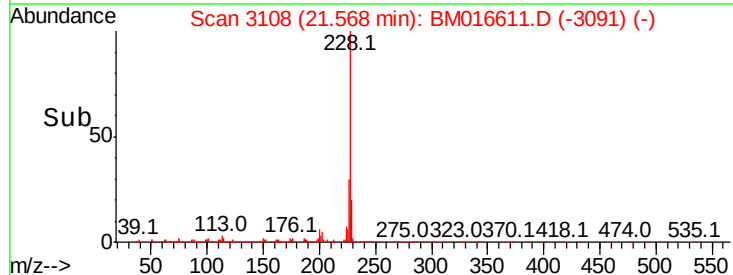
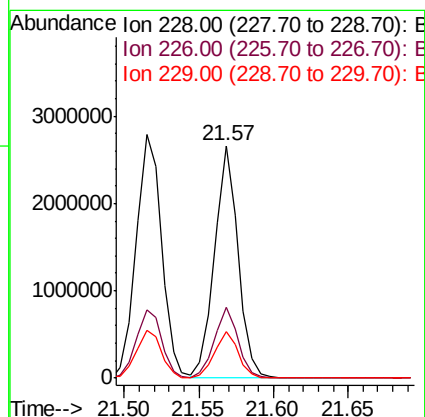
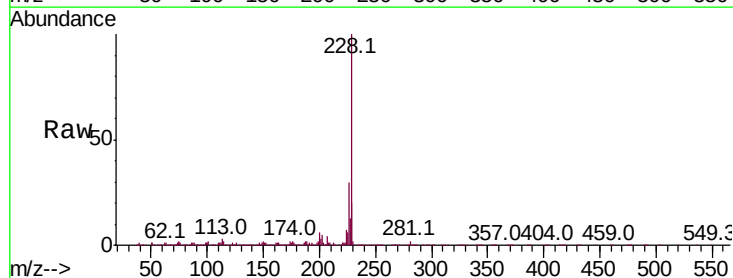
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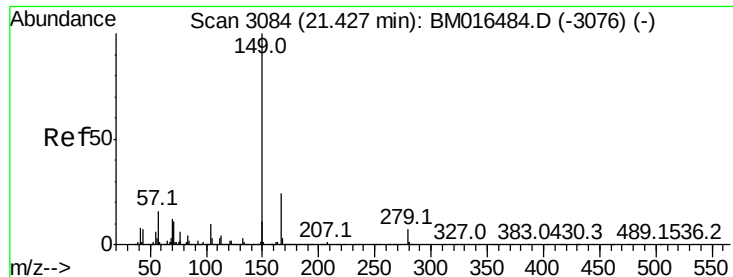
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#82
 Chrysene
 Concen: 40.077 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	20.0	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.070 ng

RT: 21.41 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Instrument :

BNA_M

ClientSampleId :

BYR-2-E(9-10)MSD

Tot Ion:149 Resp: 1272570

Ion Ratio Lower Upper

149 100

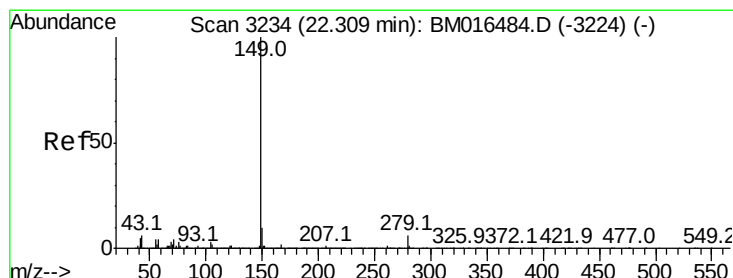
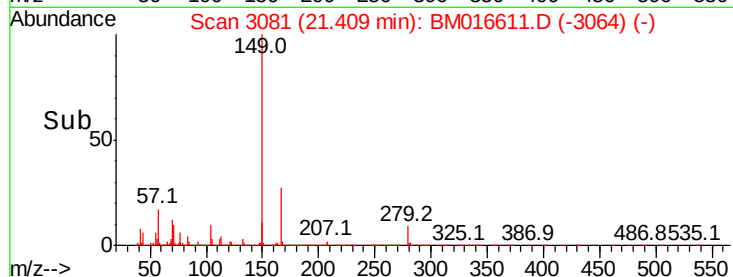
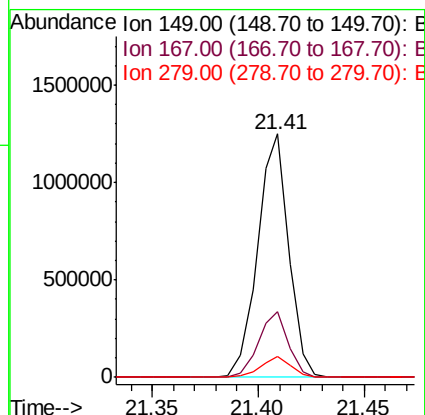
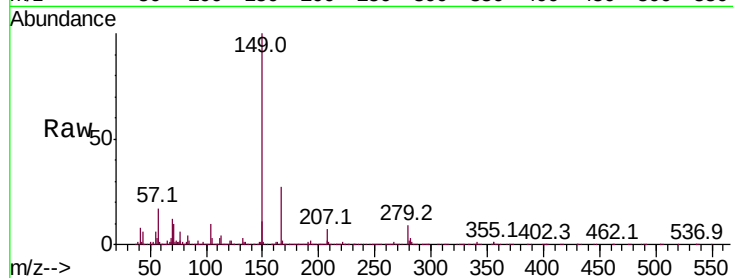
167 26.8 22.4 33.6

279 8.8 3.4 5.0#

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#84

Di-n-octyl phthalate

Concen: 34.279 ng

RT: 22.29 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

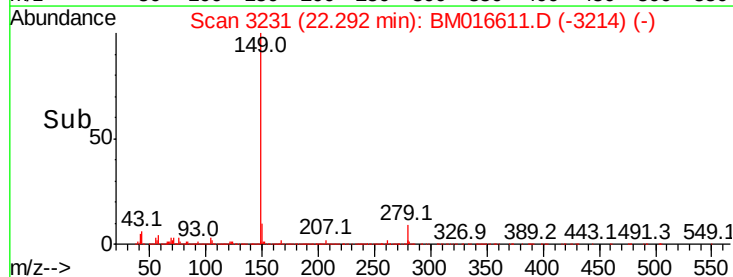
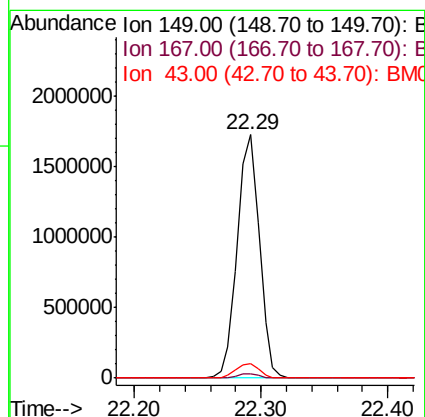
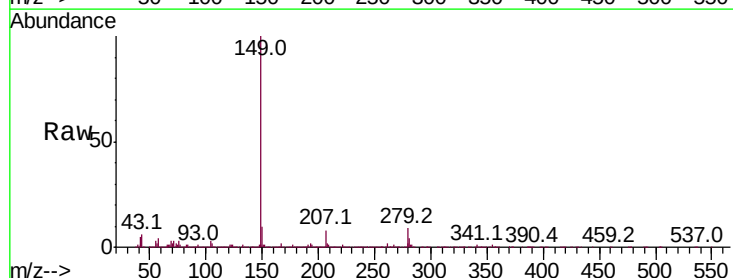
Tgt Ion:149 Resp: 2067092

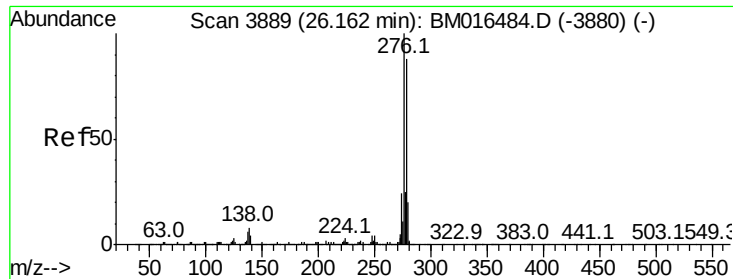
Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

43 6.0 7.3 10.9#





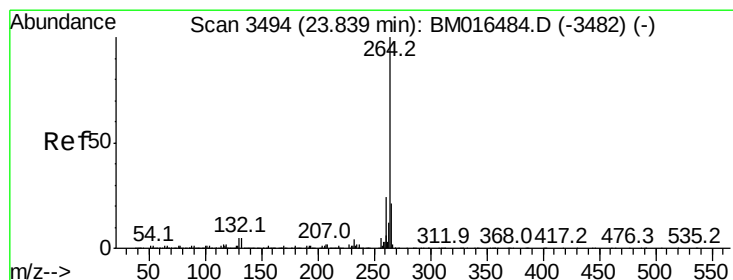
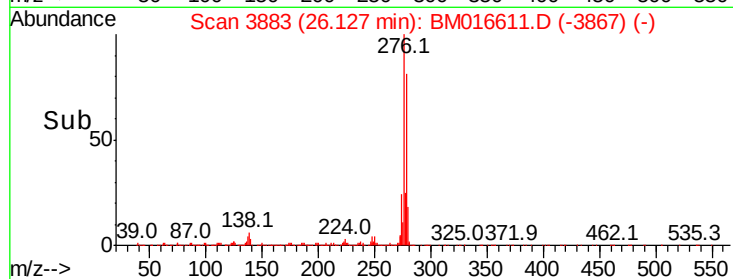
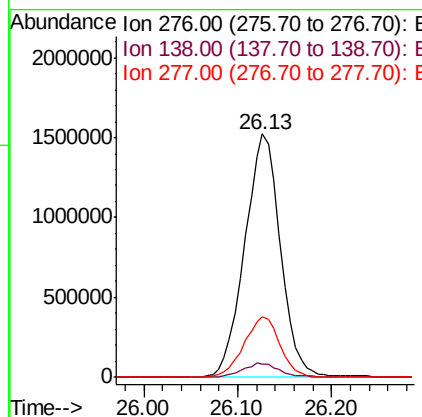
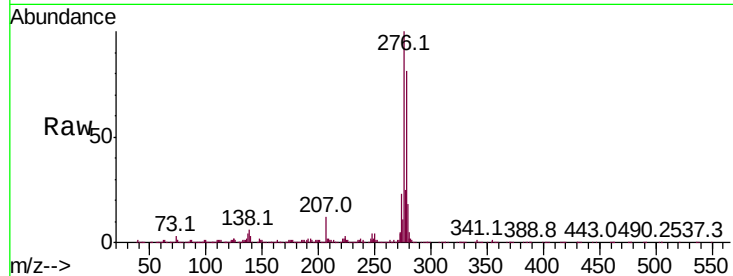
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.196 ng
 RT: 26.13 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.0	12.0	18.0#
277	25.2	20.0	30.0

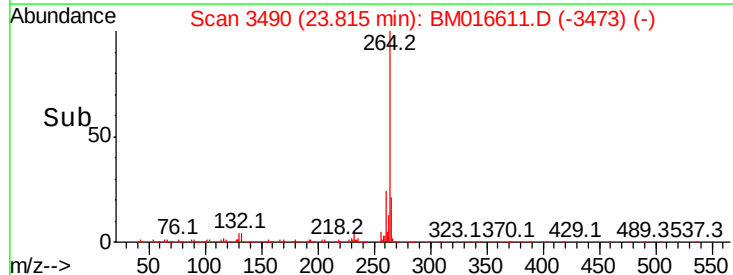
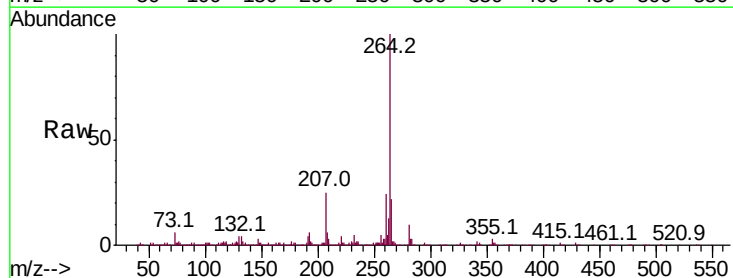
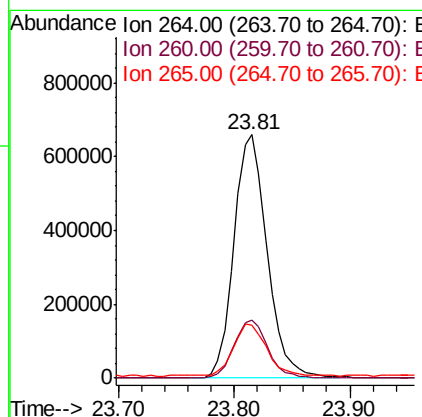
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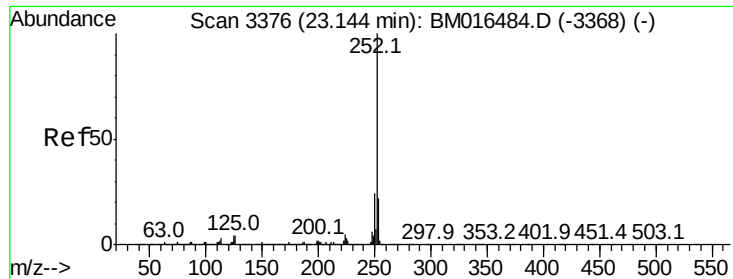
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.81 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.693 ng

RT: 23.13 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

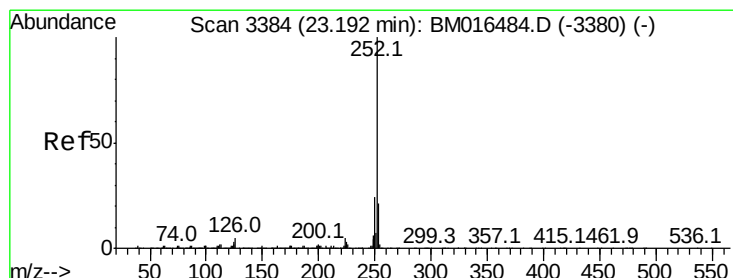
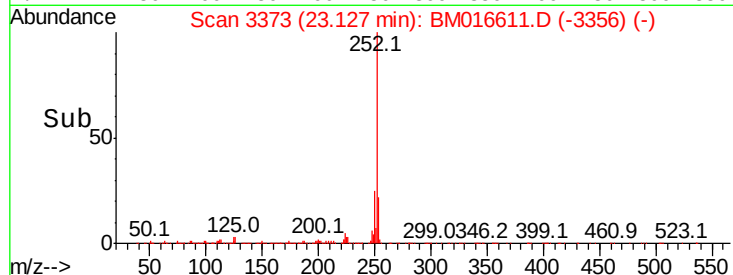
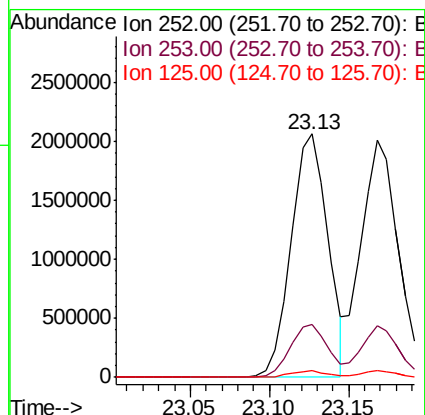
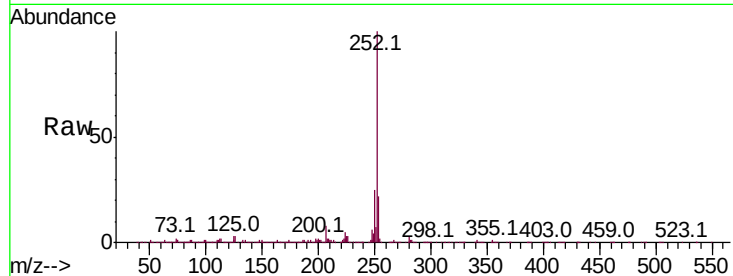
Instrument :
BNA_M

ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	2.7	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 43.161 ng

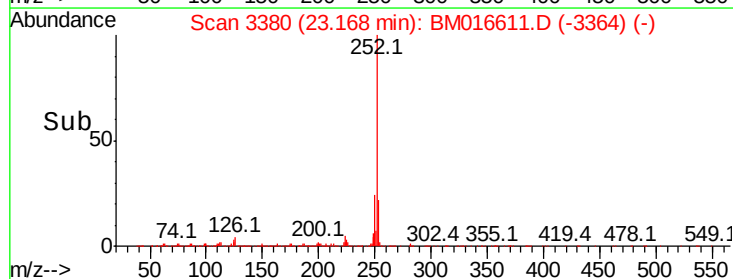
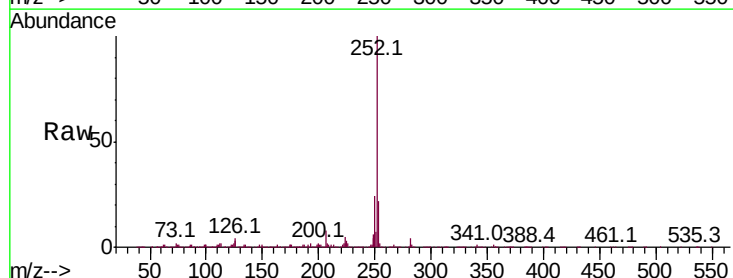
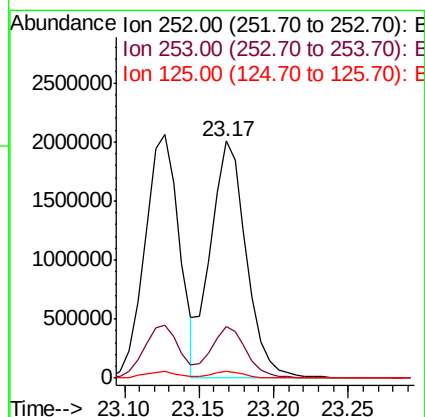
RT: 23.17 min Scan# 3380

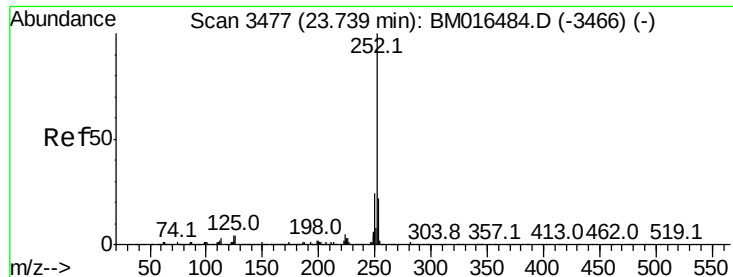
Delta R.T. -0.01 min

Lab File: BM016611.D

Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	2.8	8.1	12.1#





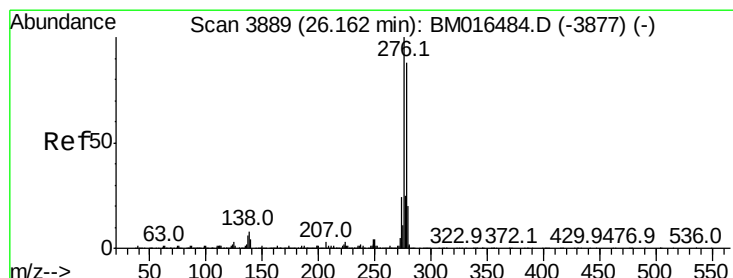
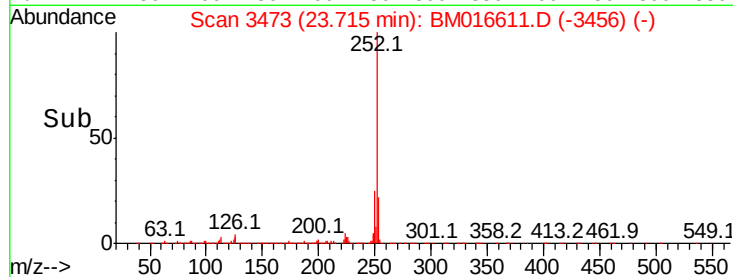
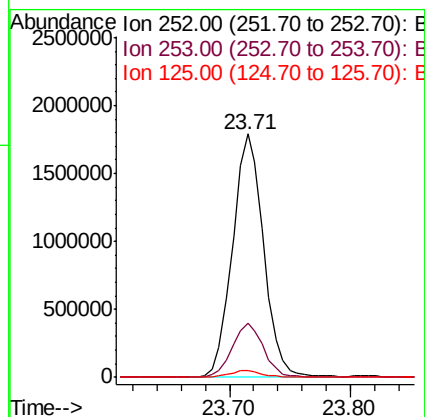
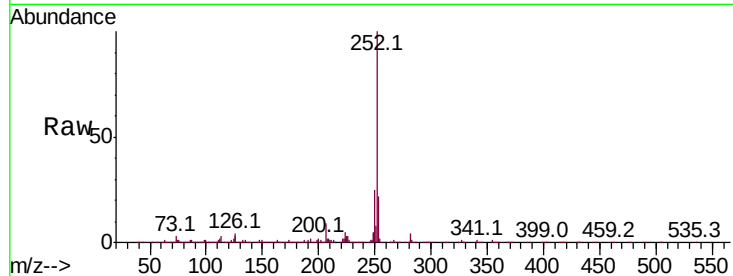
#89
Benzo(a)pyrene
Concen: 43.384 ng
RT: 23.71 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	2.6	7.4	11.2

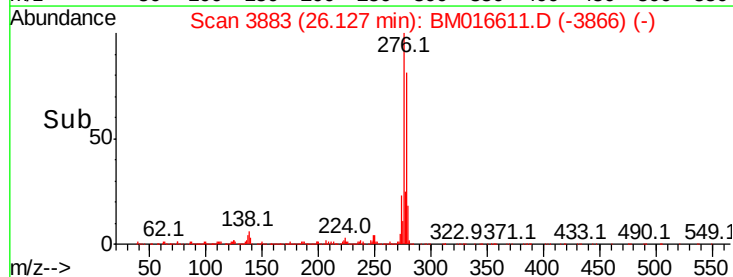
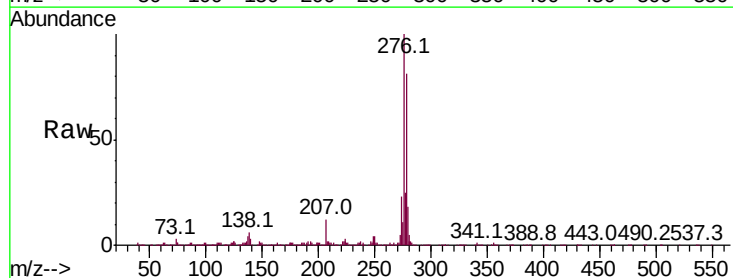
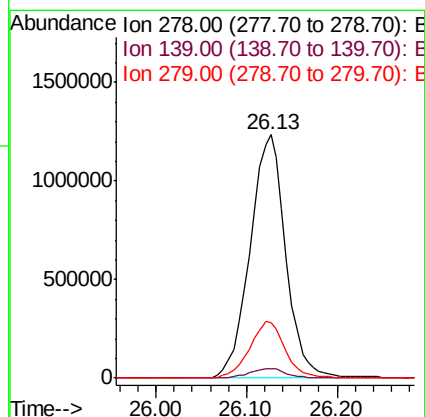
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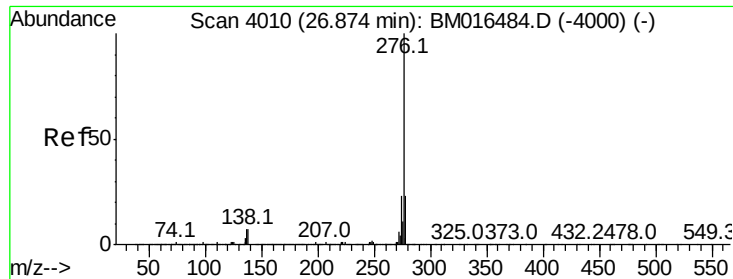
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#90
Dibenzo(a,h)anthracene
Concen: 40.630 ng
RT: 26.13 min Scan# 3883
Delta R.T. -0.00 min
Lab File: BM016611.D
Acq: 27 Aug 2018 17:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	4.0	13.4	20.0
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.284 ng
 RT: 26.84 min Scan# 4004
 Delta R.T. -0.00 min
 Lab File: BM016611.D
 Acq: 27 Aug 2018 17:51

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.5	27.7
138	5.3	19.0	28.6

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