

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
 Data File : BM018345.D
 Acq On : 21 Dec 2018 00:12
 Operator : JU/SJ
 Sample : J6388-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Manual Integrations
 APPROVED

Sohil
 12/21/2018 4:37:03 PM

Quant Time: Dec 21 16:04:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	139047	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	508252	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	235747	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	445068	20.00	ng	0.00
76) Chrysene-d12	21.14	240	546093	20.00	ng	0.00
87) Perylene-d12	23.31	264	581026	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1481682	178.01	ng	0.00
7) Phenol-d6	6.71	99	1919820	165.94	ng	0.00
23) Nitrobenzene-d5	8.65	82	1236670	124.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	474692	137.19	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2007934	110.32	ng	-0.01
79) Terphenyl-d14	19.57	244	2245585	93.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	118337	35.889	ng	99
3) Pyridine	3.51	79	346013	35.671	ng	98
4) n-Nitrosodimethylamine	3.43	42	170859	51.173	ng	98
6) Aniline	6.85	93	153251	10.559	ng	99
8) 2-Chlorophenol	7.07	128	432761	44.004	ng	96
9) Benzaldehyde	6.66	77	169931	24.097	ng	93
10) Phenol	6.74	94	714144	58.286	ng	98
11) bis(2-Chloroethyl)ether	6.94	93	414342	42.550	ng	98
12) 1,3-Dichlorobenzene	7.37	146	442902	40.330	ng	95
13) 1,4-Dichlorobenzene	7.52	146	454436	40.749	ng	97
14) 1,2-Dichlorobenzene	7.83	146	437957	40.738	ng	96
15) Benzyl Alcohol	7.75	79	422614	44.830	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.02	45	322694	36.824	ng	88
17) 2-Methylphenol	7.96	107	363262	44.402	ng	95
18) Hexachloroethane	8.53	117	147195	36.011	ng	97
19) n-Nitroso-di-n-propylamine	8.30	70	355864	41.196	ng	98
20) 3+4-Methylphenols	8.29	107	521301	45.474	ng	96
22) Acetophenone	8.32	105	660789	49.129	ng	100
24) Nitrobenzene	8.69	77	509345	51.445	ng	95
25) Isophorone	9.21	82	867691	52.598	ng	98
26) 2-Nitrophenol	9.39	139	146564	30.182	ng	91
27) 2,4-Dimethylphenol	9.47	122	356494	50.938	ng	98
28) bis(2-Chloroethoxy)methane	9.69	93	511828	47.597	ng	98
29) 2,4-Dichlorophenol	9.93	162	343932	44.323	ng	97
30) 1,2,4-Trichlorobenzene	10.12	180	427897	48.480	ng	94
31) Naphthalene	10.30	128	1194767	48.075	ng	100
32) Benzoic acid	9.65	122	177572m	26.795	ng	
33) 4-Chloroaniline	10.45	127	107635	9.887	ng	97
34) Hexachlorobutadiene	10.57	225	241850	43.325	ng	99
35) Caprolactam	11.27	113	96424m	32.611	ng	
36) 4-Chloro-3-methylphenol	11.59	107	369893	39.672	ng	96
37) 2-Methylnaphthalene	11.93	142	823027	46.960	ng	98
38) 1-Methylnaphthalene	12.15	142	773197	45.211	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	396727	48.938	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	54554	21.903	nq	97
43) 2,4,6-Trichlorophenol	12.57	196	249321	47.817	nq	96
44) 2,4,5-Trichlorophenol	12.66	196	258607	46.719	nq	96
46) 1,1'-Biphenyl	12.97	154	968107	45.647	nq	99
47) 2-Chloronaphthalene	13.01	162	713674	45.719	nq	97
48) 2-Nitroaniline	13.25	65	253679	52.755	nq	91
49) Acenaphthylene	13.87	152	1280913	54.452	nq	99
50) Dimethylphthalate	13.62	163	1002127	51.131	nq	100
51) 2,6-Dinitrotoluene	13.75	165	159459	37.010	nq	86
52) Acenaphthene	14.22	154	645161	44.877	nq	100
53) 3-Nitroaniline	14.09	138	125188	27.610	nq	92
54) 2,4-Dinitrophenol	14.32	184	4988	2.099	nq	# 81
55) Dibenzofuran	14.56	168	1005586	43.532	nq	99
56) 4-Nitrophenol	14.44	139	250645	72.911	nq	85
57) 2,4-Dinitrotoluene	14.56	165	199953	33.575	nq	# 86
58) Fluorene	15.21	166	833915	46.741	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	213075	42.742	nq	# 97
60) Diethylphthalate	15.00	149	852324	40.297	nq	99
61) 4-Chlorophenyl-phenylether	15.21	204	401787	39.820	nq	98
62) 4-Nitroaniline	15.27	138	127483	29.632	nq	# 82
63) Azobenzene	15.50	77	859561	44.569	nq	97
65) 4,6-Dinitro-2-methylphenol	15.33	198	6073	1.854	nq	# 41
66) n-Nitrosodiphenylamine	15.43	169	658335	44.731	nq	99
67) 4-Bromophenyl-phenylether	16.11	248	232371	43.110	nq	98
68) Hexachlorobenzene	16.22	284	257469	43.601	nq	96
69) Atrazine	16.41	200	225849	45.455	nq	99
70) Pentachlorophenol	16.57	266	290927	74.598	nq	96
71) Phenanthrene	16.96	178	1644673	68.032	nq	99
72) Anthracene	17.05	178	1309217	54.589	nq	99
73) Carbazole	17.34	167	1023011	41.558	nq	100
74) Di-n-butylphthalate	17.90	149	1301430	42.848	nq	100
75) Fluoranthene	18.99	202	1718915	61.156	nq	99
77) Benzidine	19.20	184	2688	0.194	nq	# 1
78) Pyrene	19.36	202	2062795	63.395	nq	99
80) Butylbenzylphthalate	20.28	149	640324	41.365	nq	92
81) Benzo(a)anthracene	21.13	228	1721699	53.972	nq	97
82) 3,3'-Dichlorobenzidine	21.08	252	38814	3.046	nq	# 79
83) Chrysene	21.18	228	1695189	55.248	nq	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	955690	41.425	nq	98
85) Di-n-octyl phthalate	21.93	149	1736543	45.961	nq	100
86) Indeno(1,2,3-cd)pyrene	25.46	276	2248128	73.554	nq	99
88) Benzo(b)fluoranthene	22.67	252	1704380	52.221	nq	98
89) Benzo(k)fluoranthene	22.71	252	1589092m	48.889	nq	
90) Benzo(a)pyrene	23.22	252	1701925	54.828	nq	99
91) Dibenzo(a,h)anthracene	25.47	278	1790174	62.257	nq	# 86
92) Benzo(g,h,i)perylene	26.11	276	2192777	80.674	nq	99

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

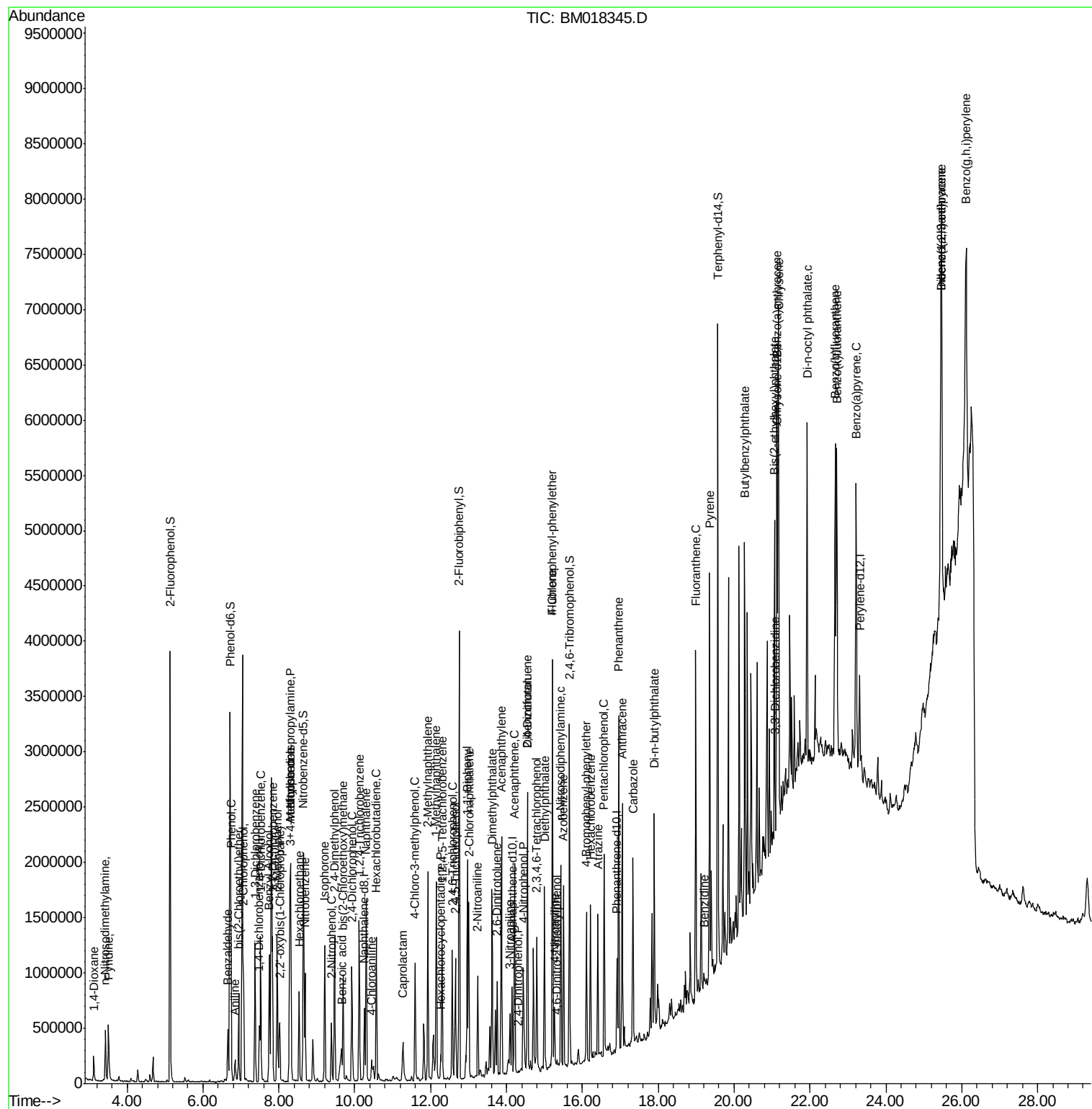
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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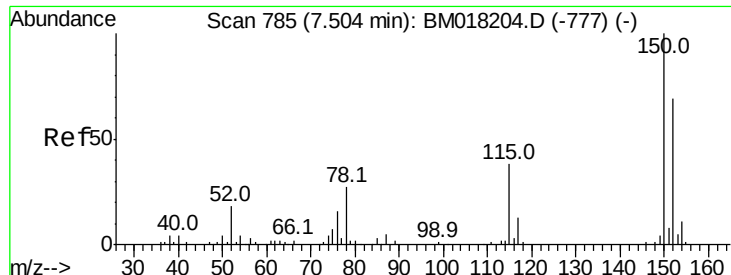
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

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#1

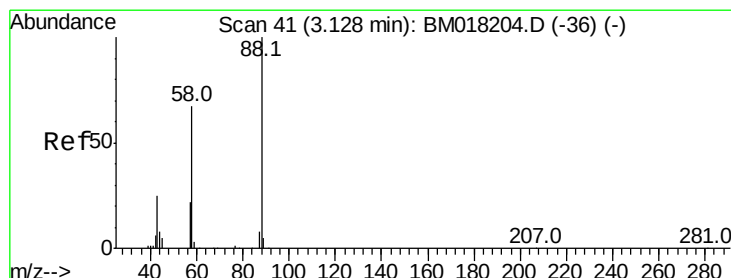
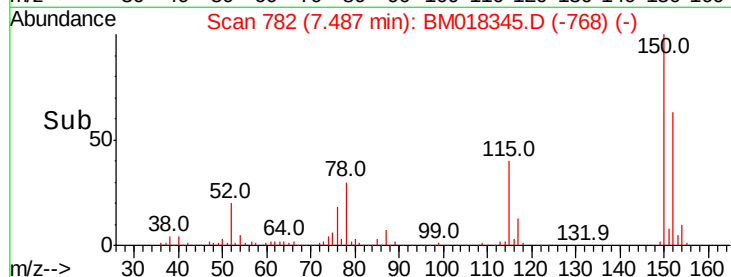
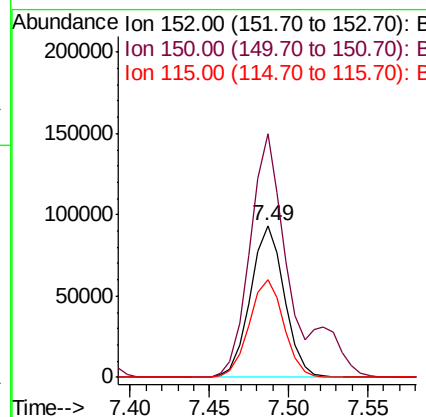
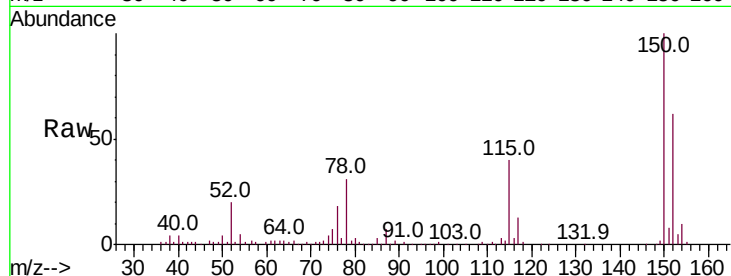
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	116.1	174.1
115	64.6	44.6	67.0

Manual Integrations
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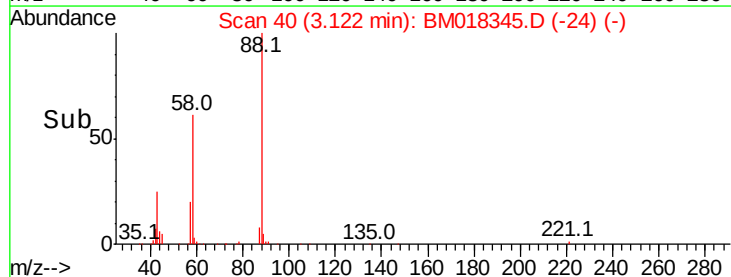
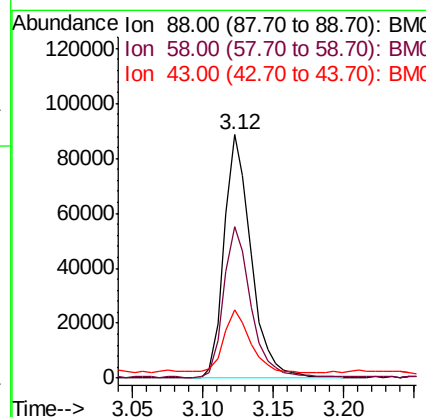
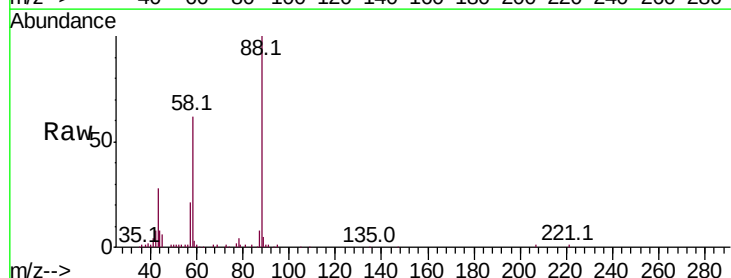
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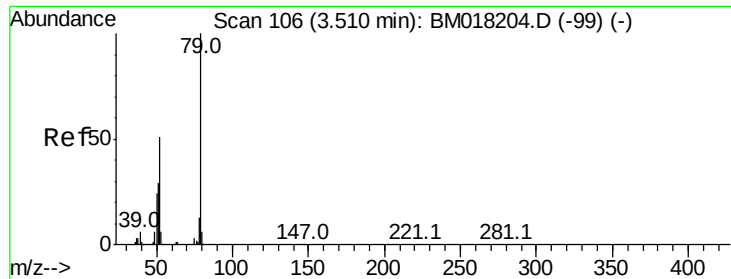


#2

1,4-Dioxane
Concen: 35.889 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	49.8	74.6
43	25.0	19.1	28.7





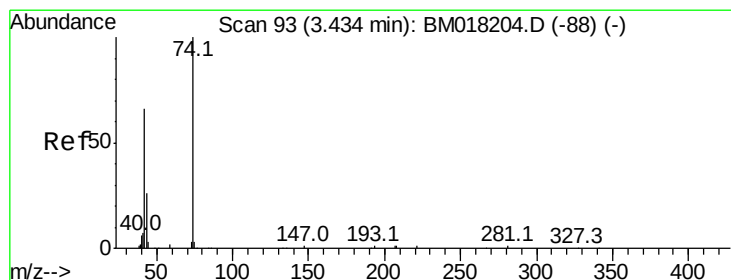
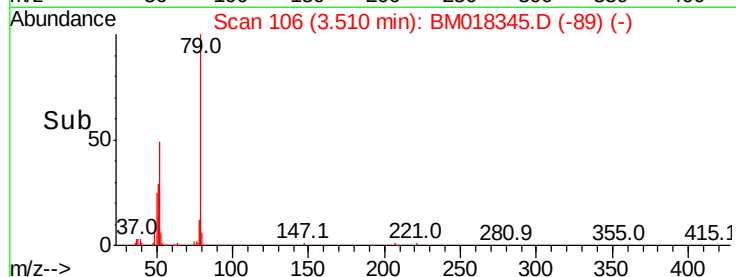
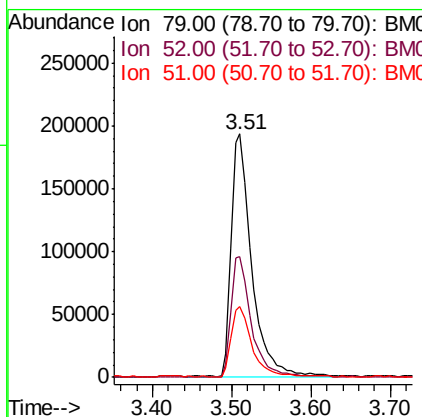
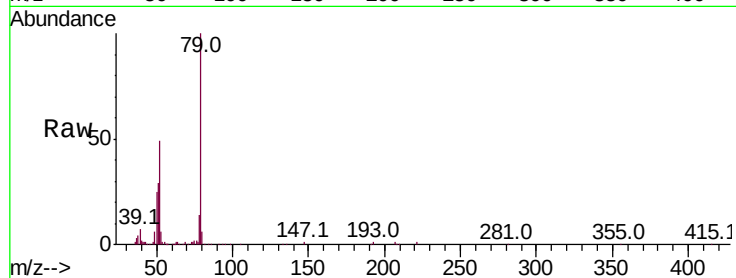
#3
 Pvridine
 Concen: 35.671 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	49.5	40.7	61.1
51	29.2	23.0	34.6

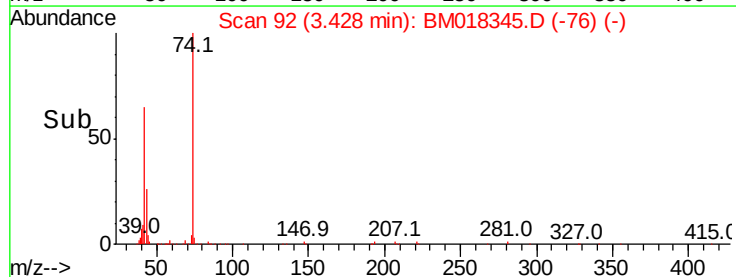
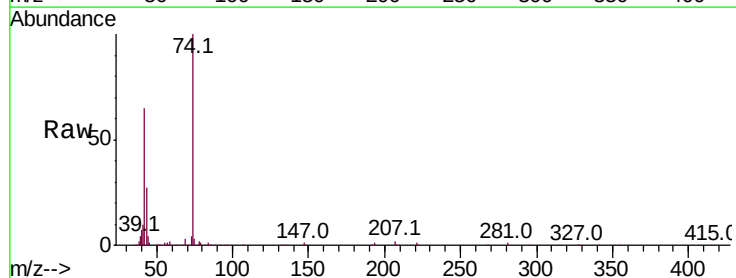
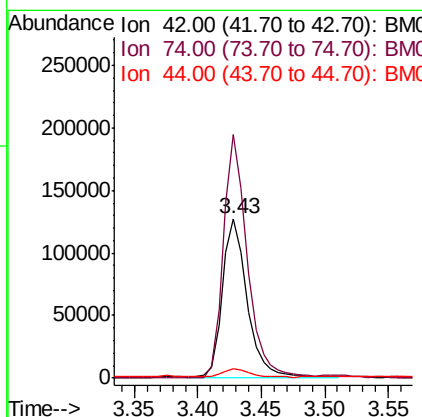
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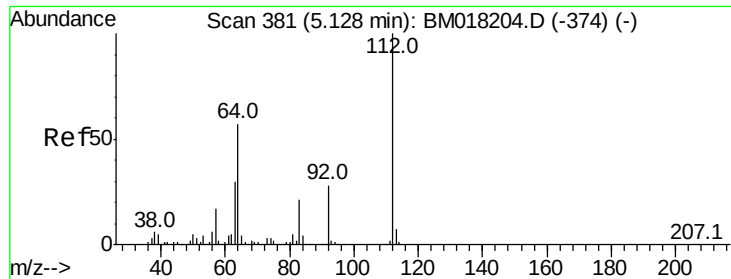
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#4
 n-Nitrosodimethylamine
 Concen: 51.173 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.7	120.4	180.6
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 178.006 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

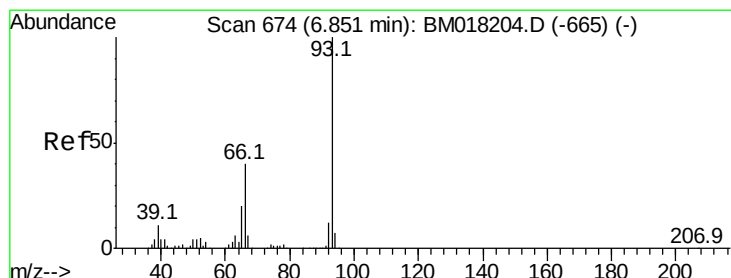
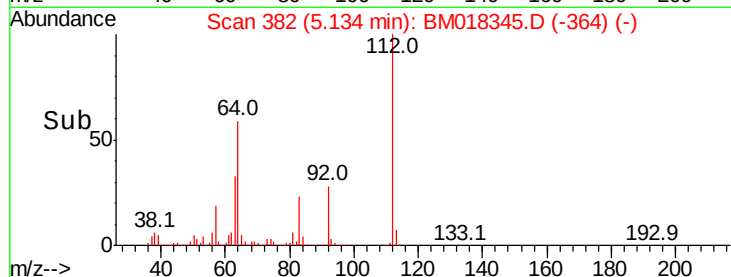
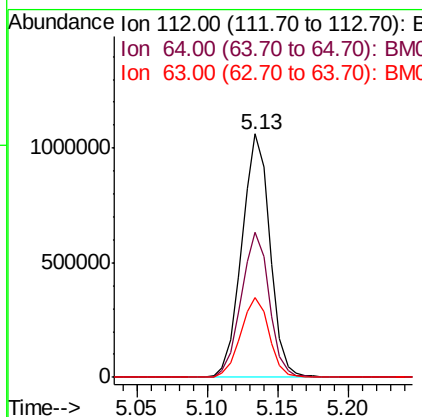
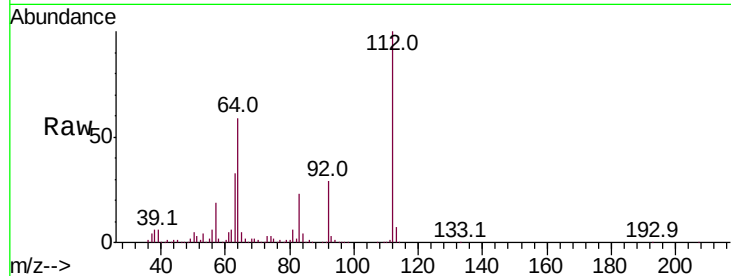
ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:	112	Resp:	1481682
Ion	Ratio	Lower	Upper
112	100		
64	59.4	45.4	68.2
63	32.7	24.0	36.0

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#6

Aniline

Concen: 10.559 ng

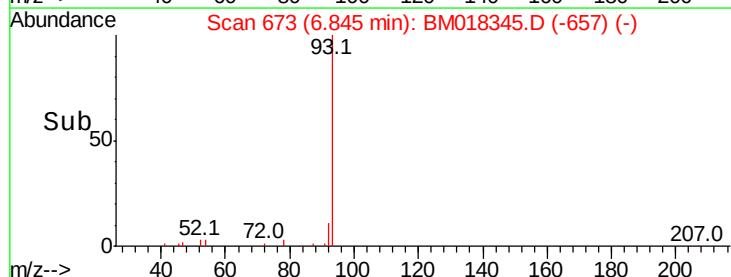
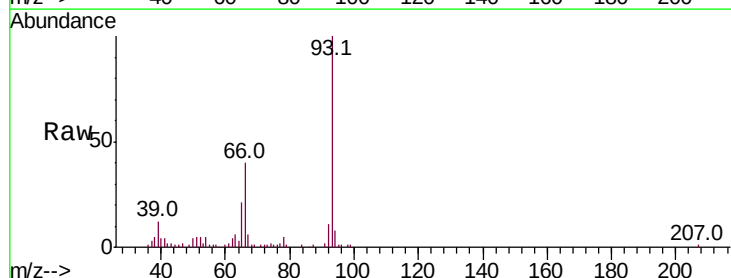
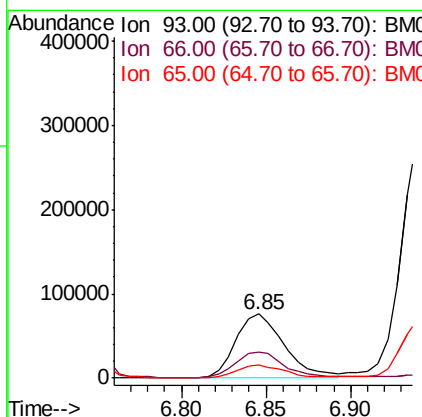
RT: 6.85 min Scan# 673

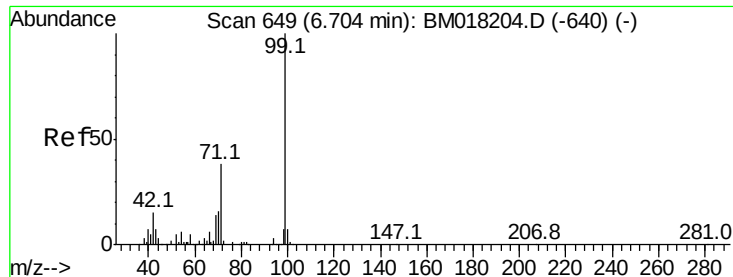
Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion:	93	Resp:	153251
Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.3	48.5
65	21.3	16.2	24.4





#7

Phenol-d6

Concen: 165.940 ng

RT: 6.71 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion: 99 Resp: 1919820

Ion Ratio Lower Upper

99 100

42 16.5 12.3 18.5

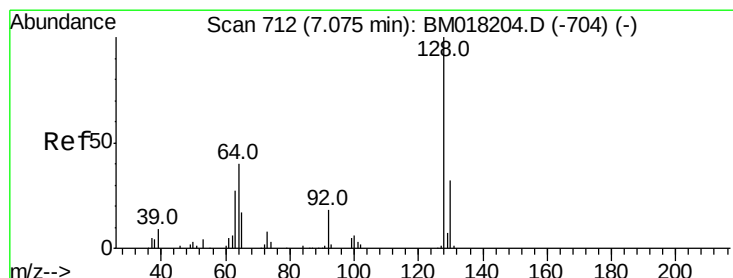
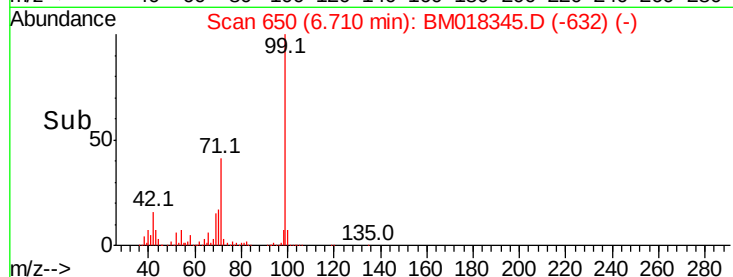
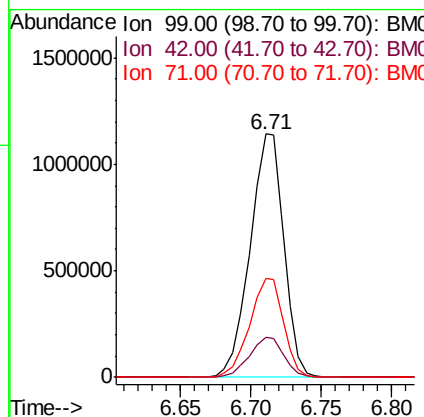
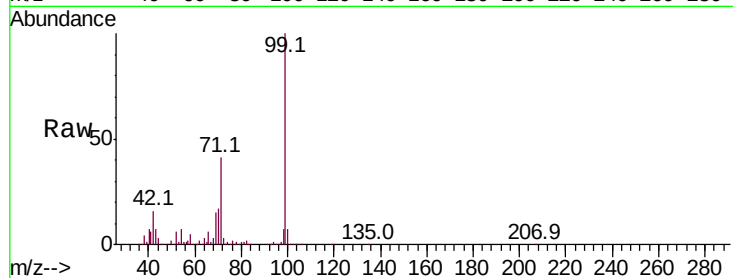
71 40.9 30.2 45.2

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#8

2-Chlorophenol

Concen: 44.004 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

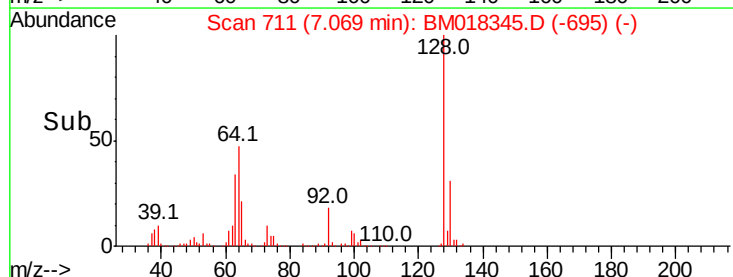
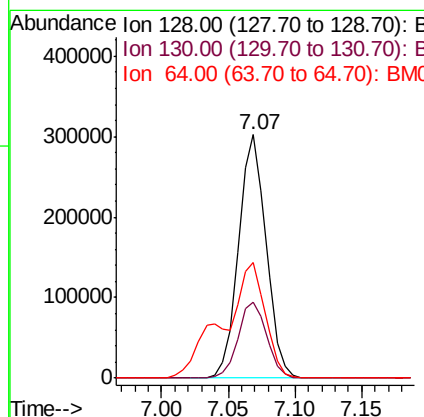
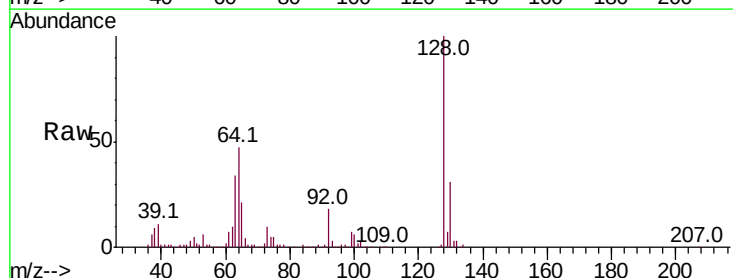
Tgt Ion: 128 Resp: 432761

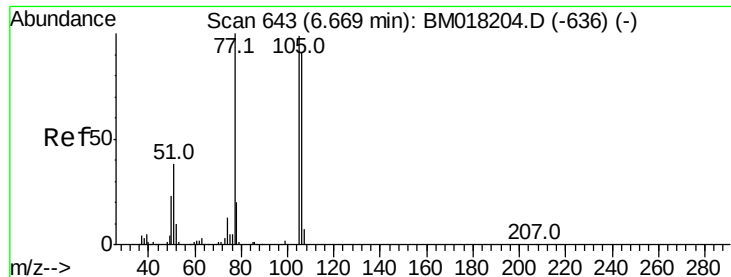
Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

64 47.4 24.1 64.1





#9

Benzaldehyde

Concen: 24.097 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM018345.D

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Instrument :

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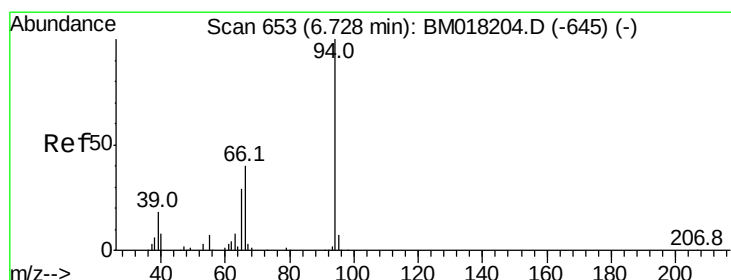
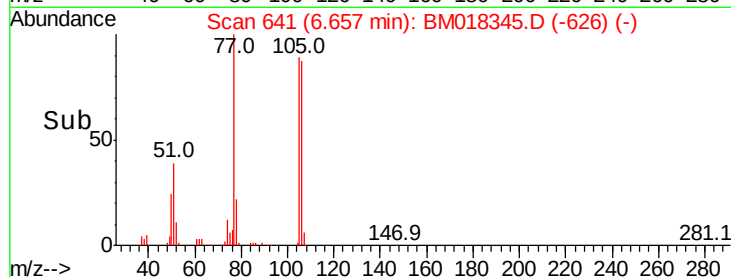
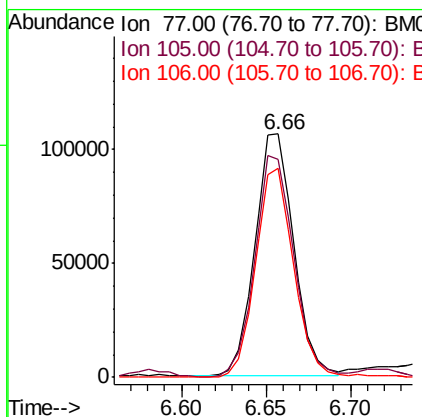
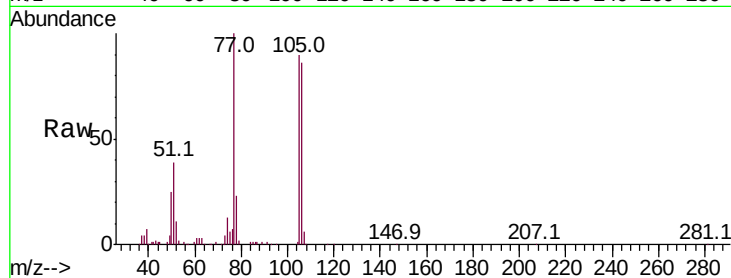
ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:	77	Resp:	169931
Ion	Ratio	Lower	Upper
77	100		
105	89.6	78.8	118.8
106	85.9	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 58.286 ng

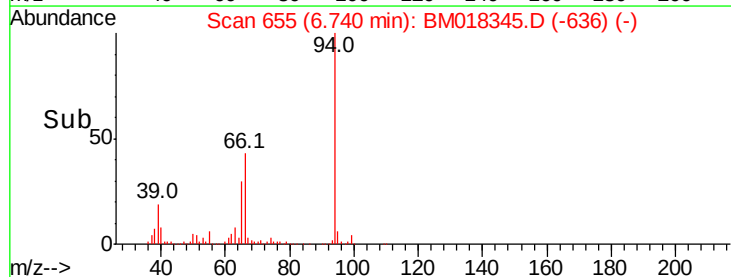
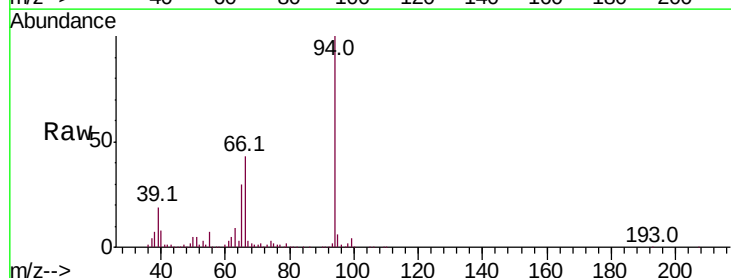
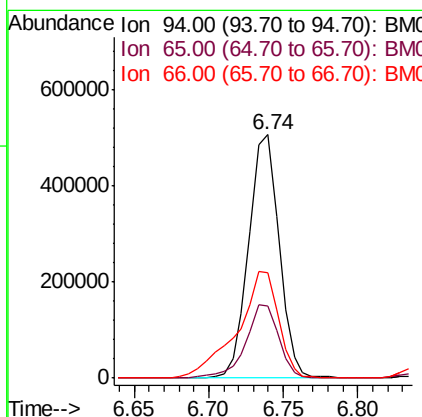
RT: 6.74 min Scan# 655

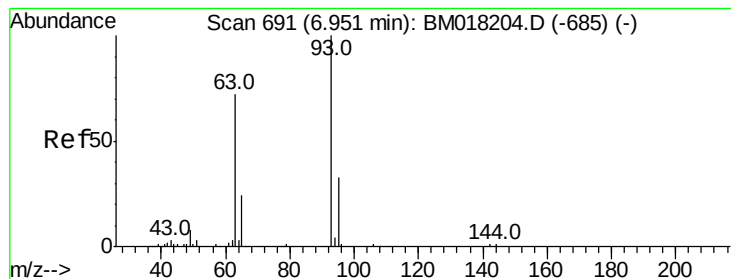
Delta R.T. 0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion:	94	Resp:	714144
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.5	49.5
66	43.0	21.3	61.3





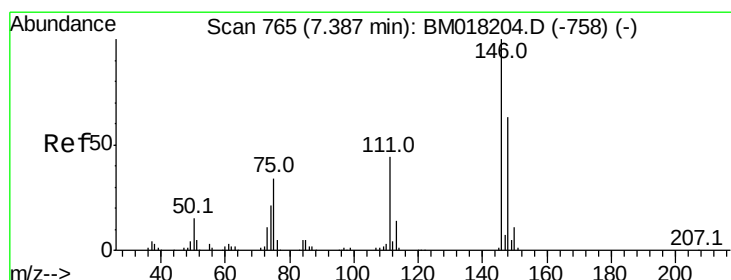
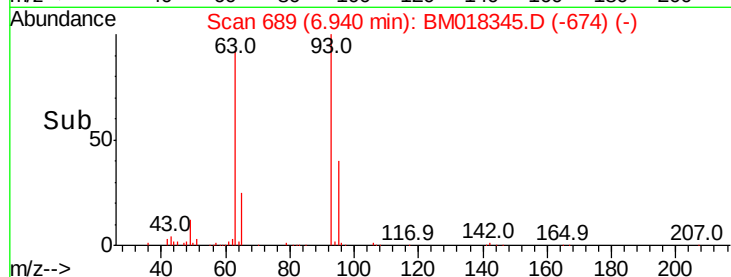
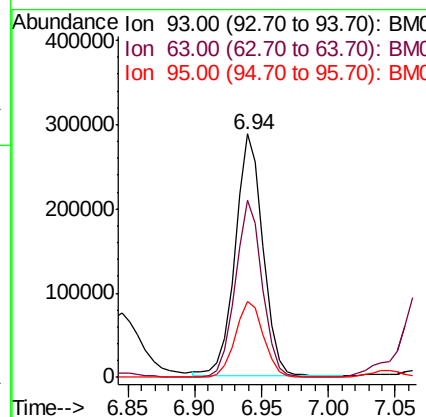
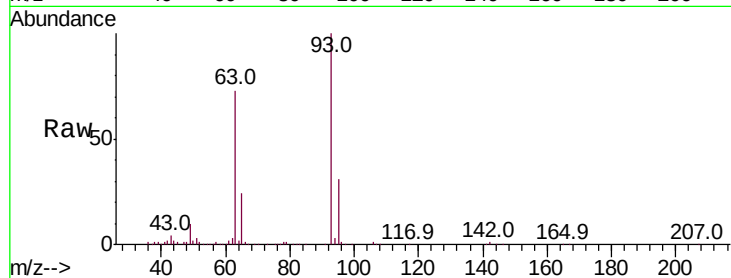
#11
bis(2-Chloroethyl)ether
Concen: 42.550 ng
RT: 6.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.7	91.7
95	31.4	13.1	53.1

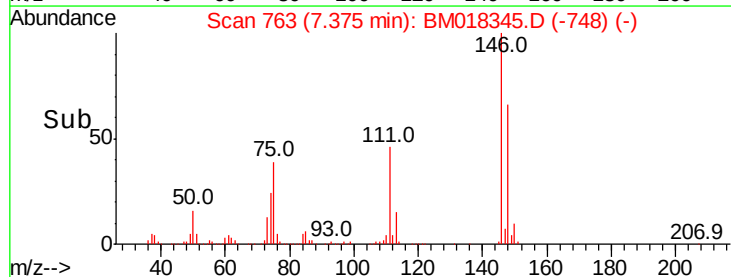
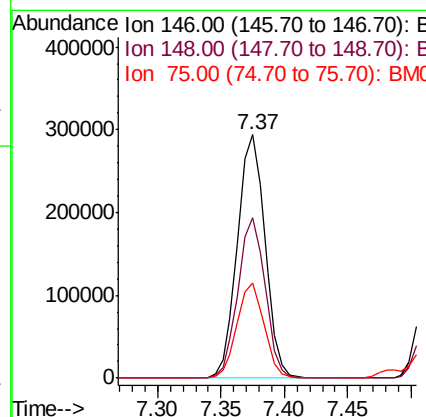
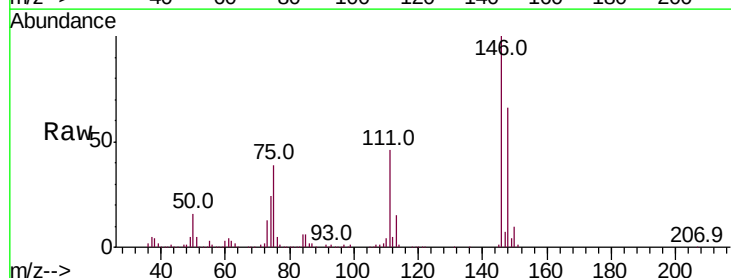
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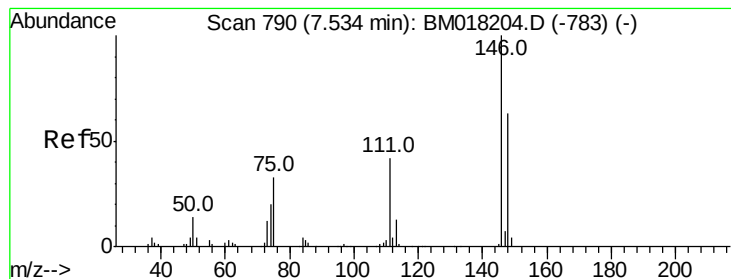
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.330 ng
RT: 7.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	76.0
75	38.9	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 40.749 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

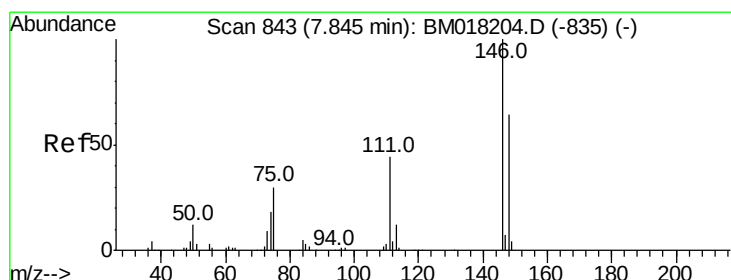
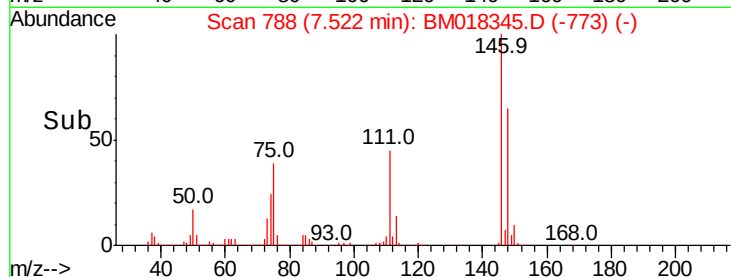
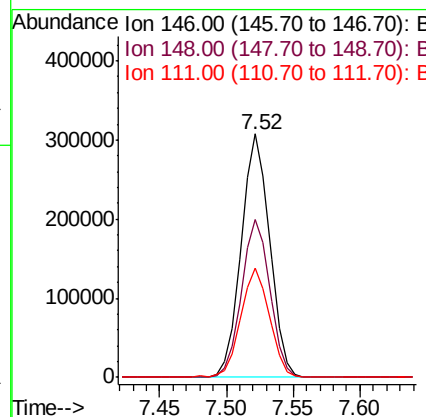
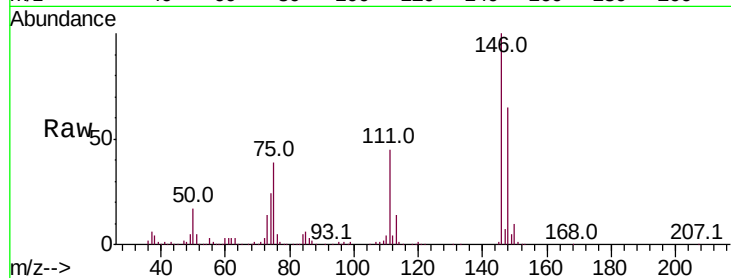
ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:	146	Resp:	454436
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.7	76.1
111	45.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.738 ng

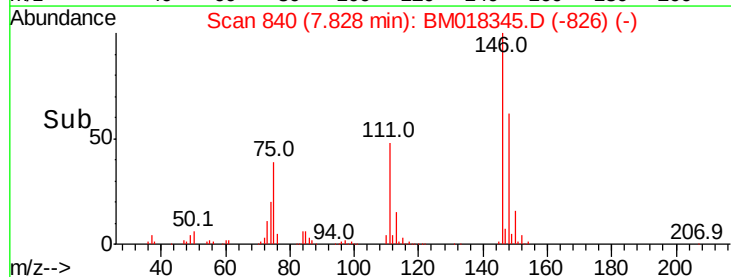
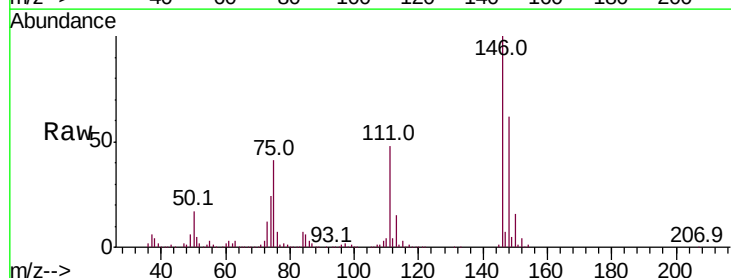
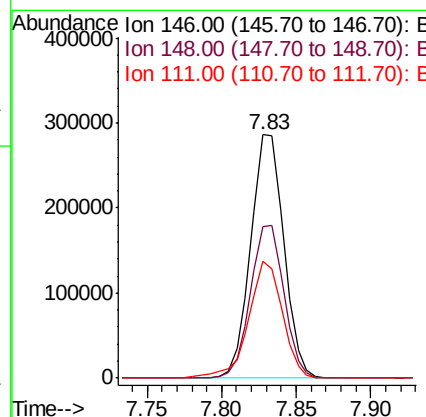
RT: 7.83 min Scan# 840

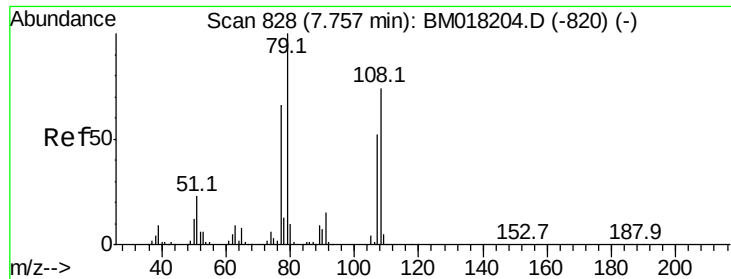
Delta R.T. -0.02 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion:	146	Resp:	437957
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.3	76.9
111	48.2	35.8	53.8





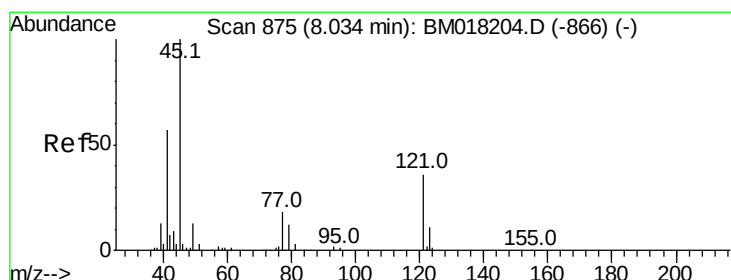
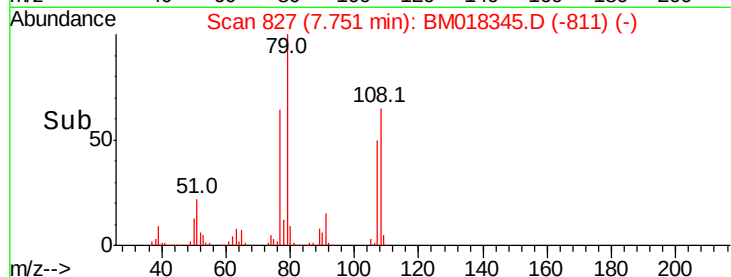
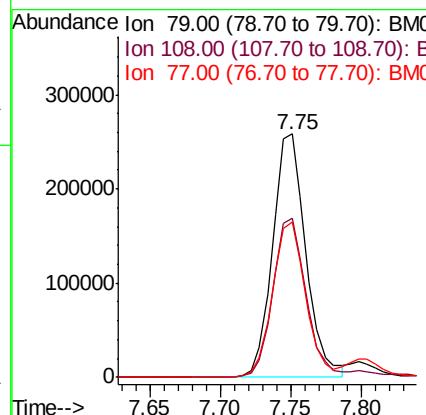
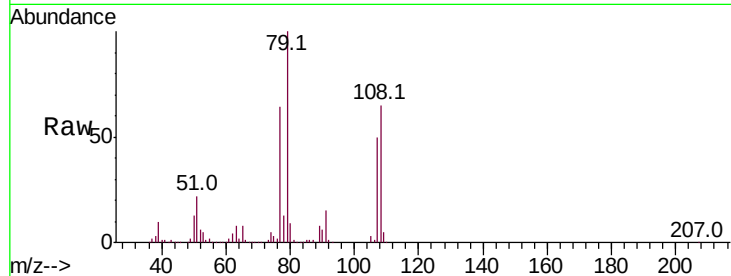
#15
Benzyl Alcohol
Concen: 44.830 ng
RT: 7.75 min Scan# 827
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.3	59.3	88.9
77	64.0	53.0	79.4

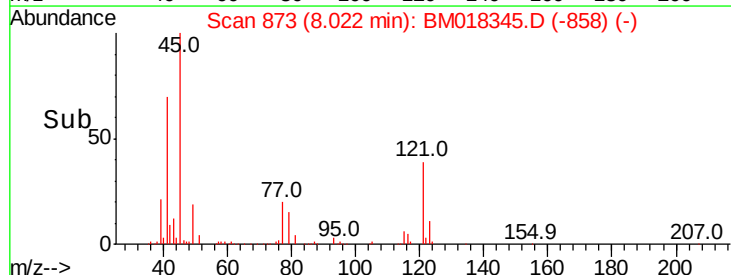
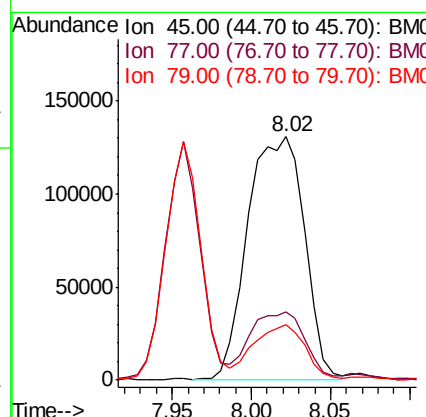
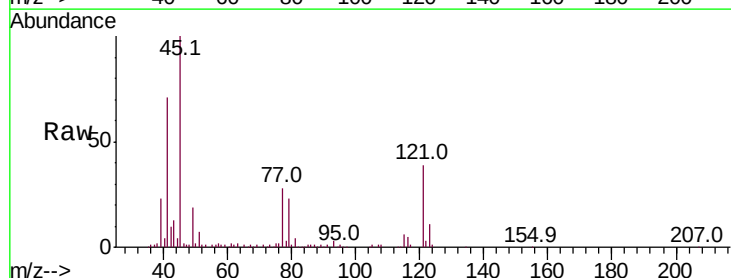
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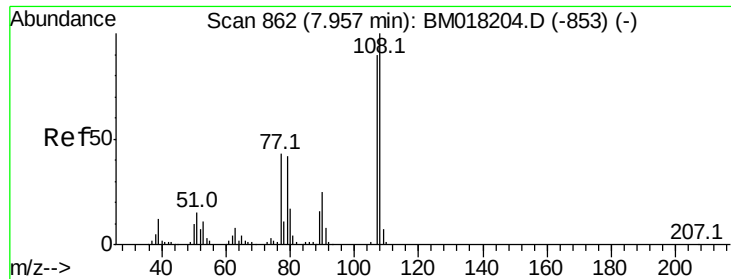
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.824 ng
RT: 8.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.0	2.5	42.5
79	22.7	0.0	37.2





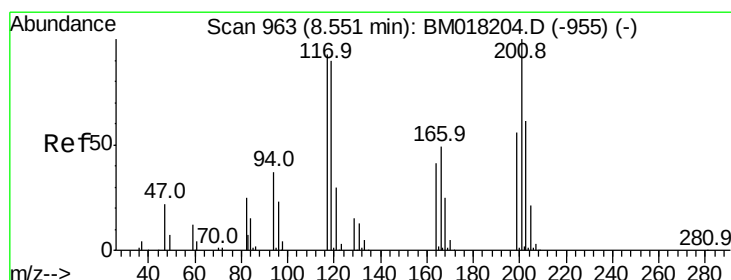
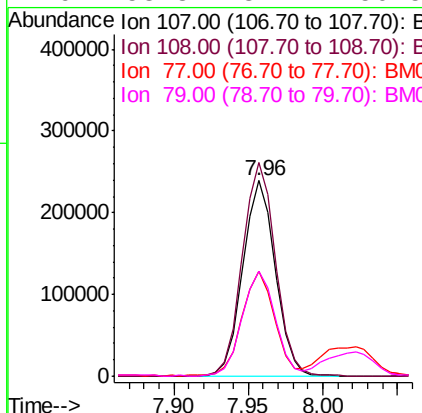
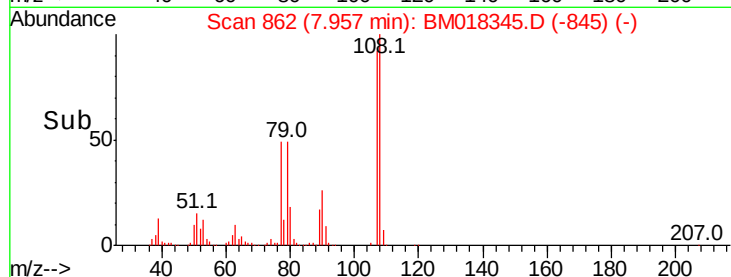
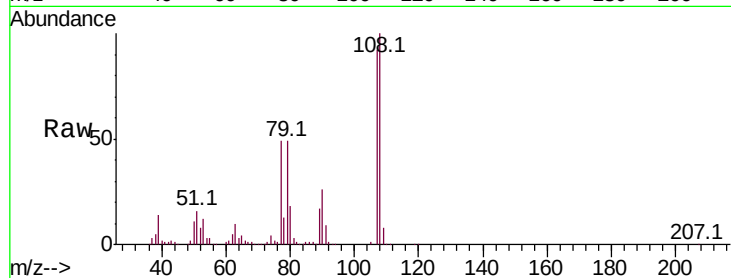
#17
2-Methylphenol
Concen: 44.402 ng
RT: 7.96 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	89.3	133.9	
77	53.7	38.2	57.4	
79	53.8	37.7	56.5	

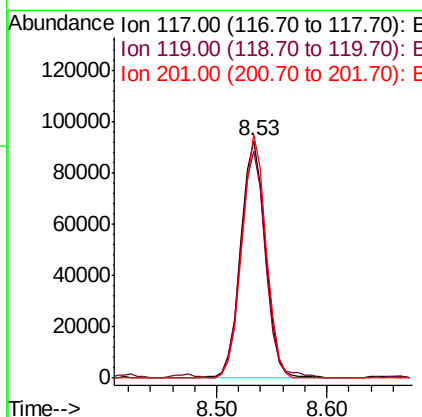
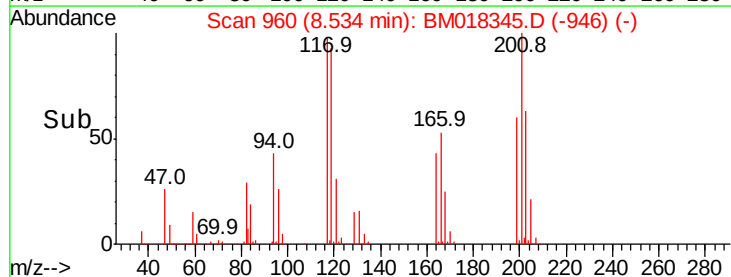
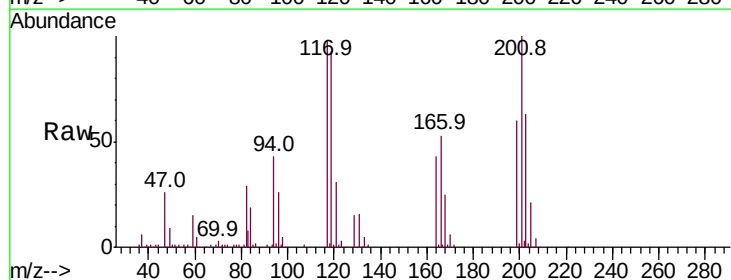
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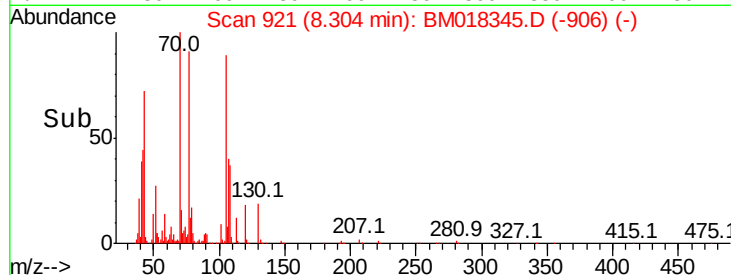
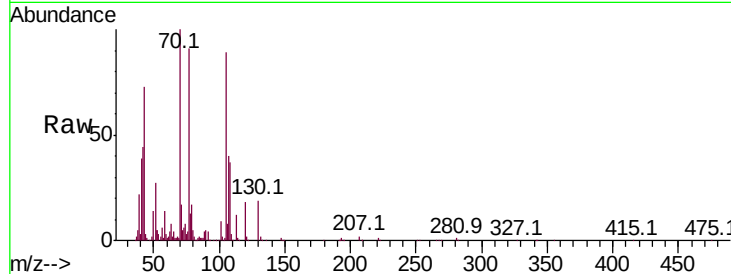
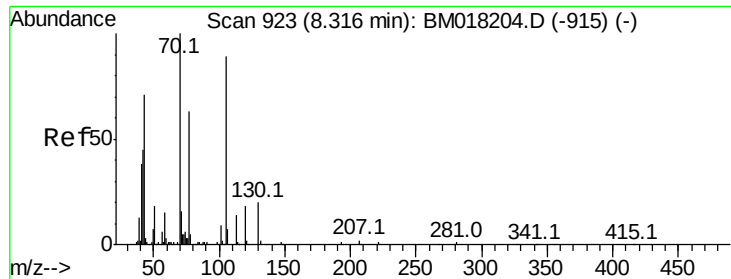
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#18
Hexachloroethane
Concen: 36.011 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.0	115.4	
201	102.5	85.7	128.5	





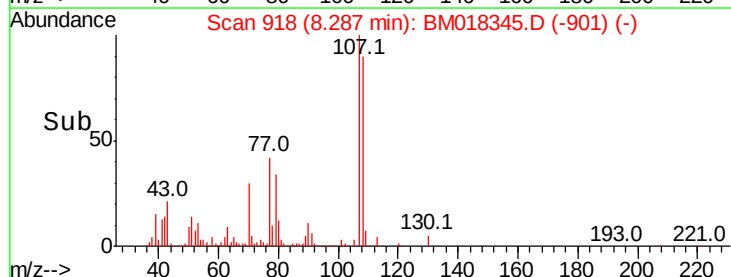
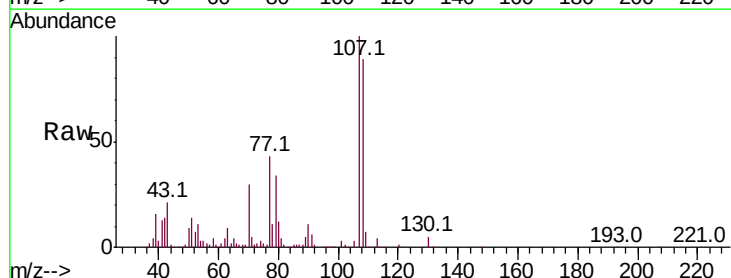
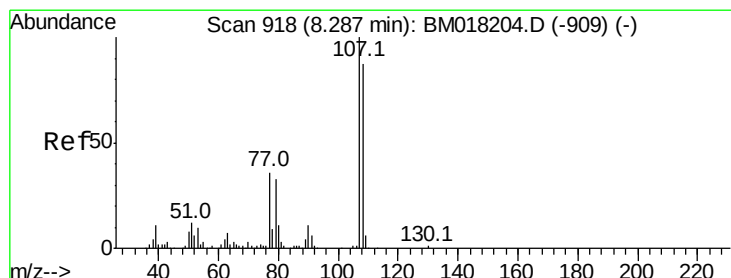
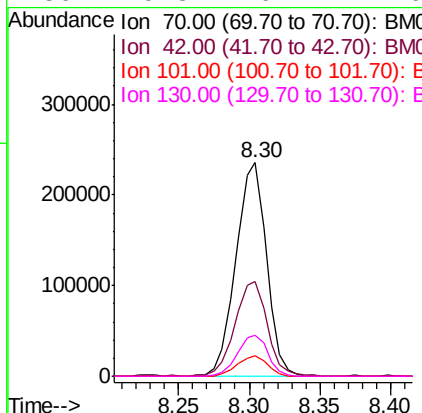
#19
n-Nitroso-di-n-propylamine
Concen: 41.196 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.2	36.2	54.2	
101	9.4	7.5	11.3	
130	19.3	16.4	24.6	

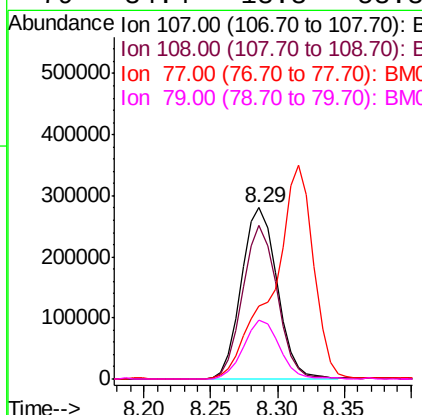
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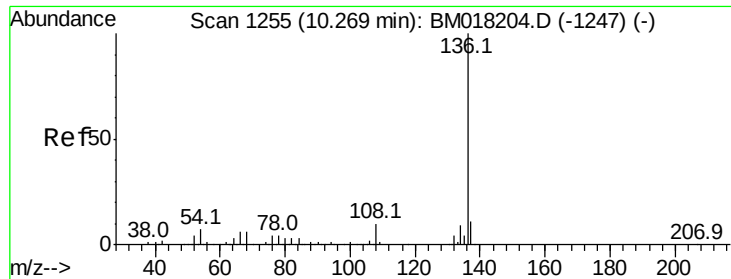
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#20
3+4-Methylphenols
Concen: 45.474 ng
RT: 8.29 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	67.4	107.4	
77	42.5	15.7	55.7	
79	34.4	13.3	53.3	





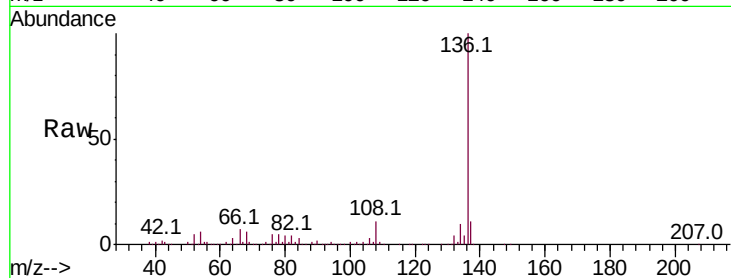
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

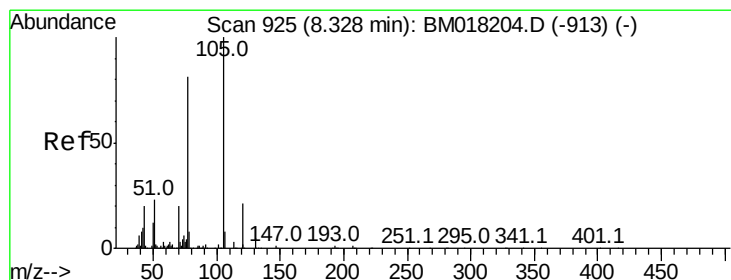
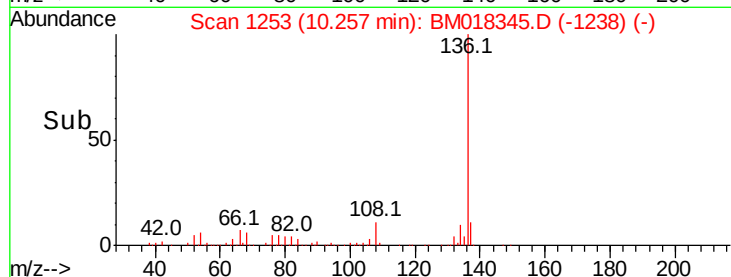
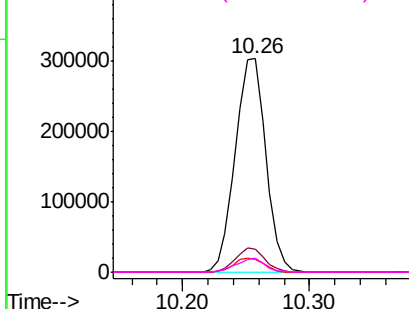
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	6.1	5.2	7.8	
68	6.4	5.0	7.6	

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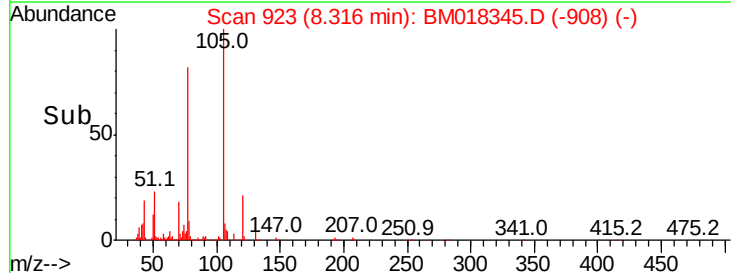
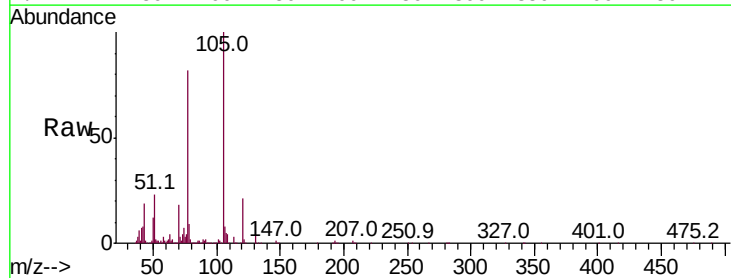
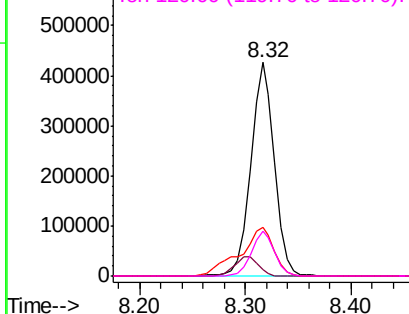
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

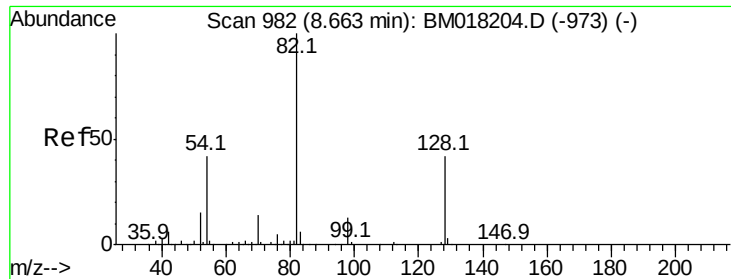


#22
Acetophenone
Concen: 49.129 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.8	2.6	4.0	
51	22.8	18.3	27.5	
120	21.1	17.0	25.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





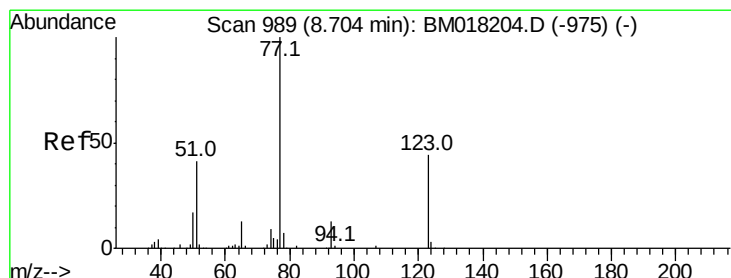
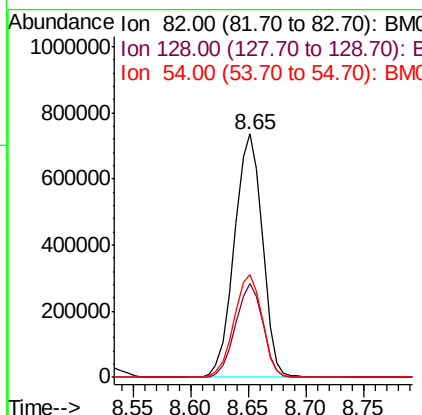
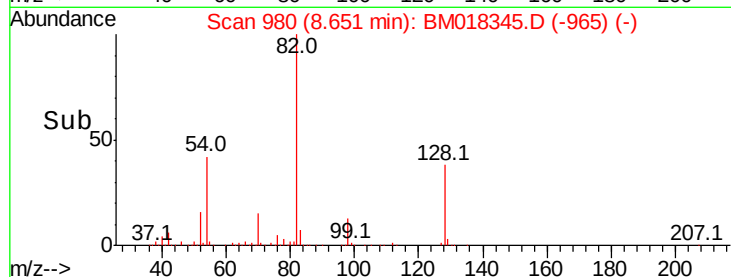
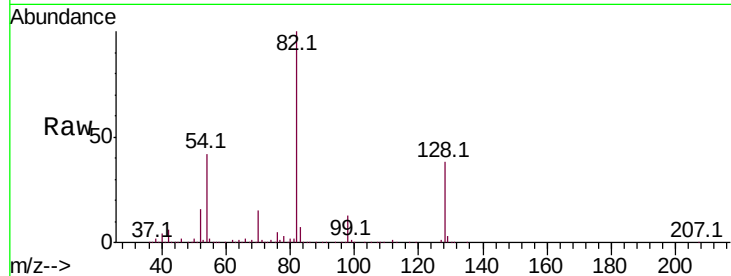
#23
 Nitrobenzene-d5
 Concen: 124.807 ng
 RT: 8.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.4	50.2
54	42.2	33.4	50.2

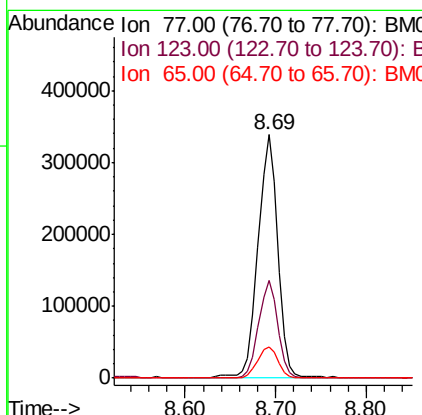
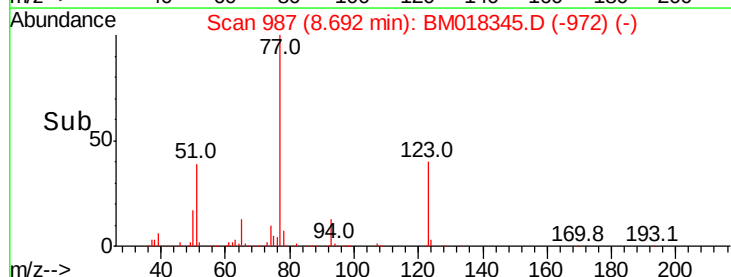
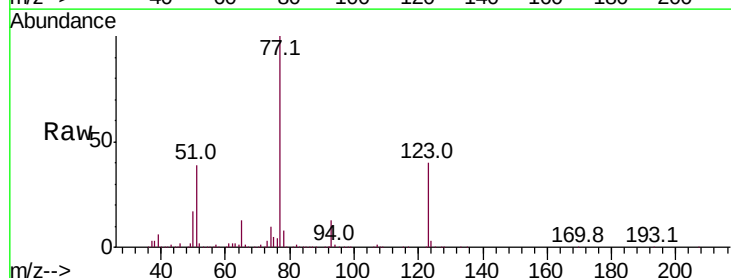
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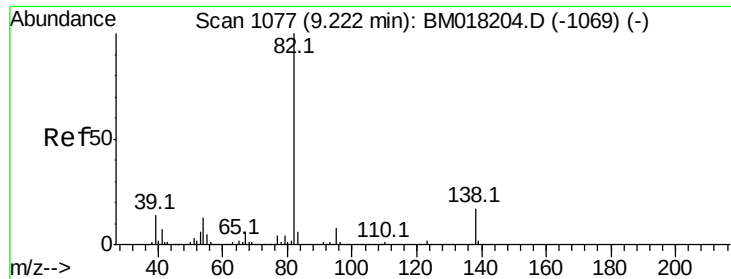
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#24
 Nitrobenzene
 Concen: 51.445 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	35.4	53.2
65	12.9	10.6	15.8





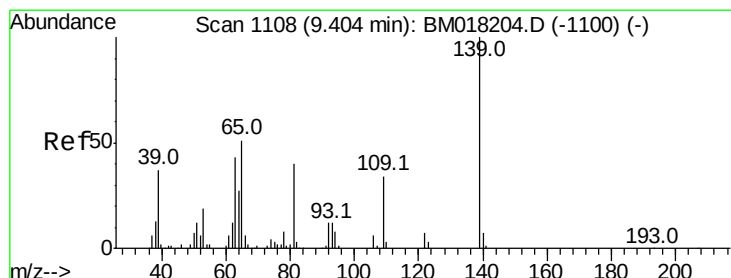
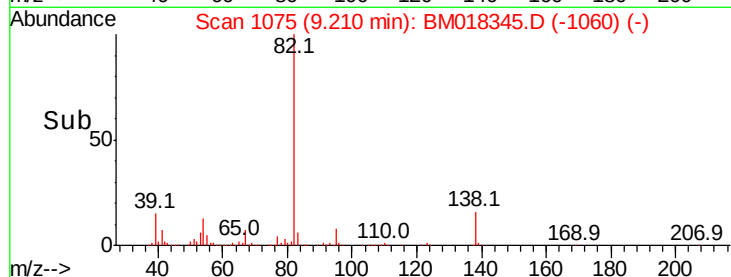
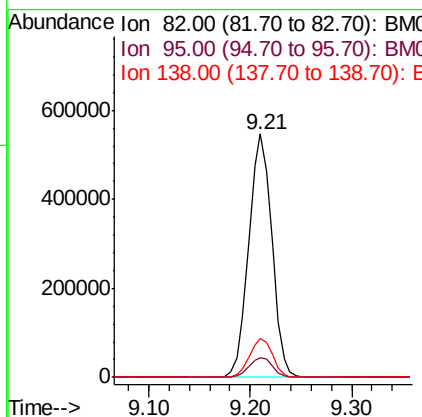
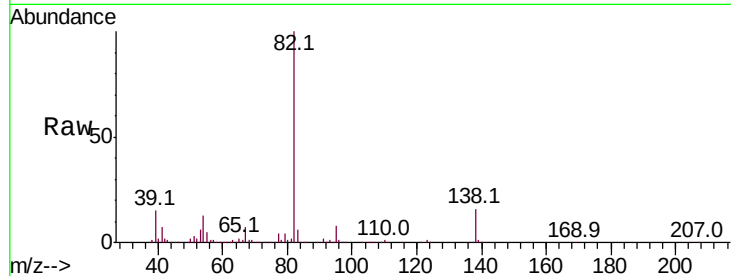
#25
Isophorone
Concen: 52.598 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	867691		
95	8.1		6.4	9.6
138	16.0		13.9	20.9

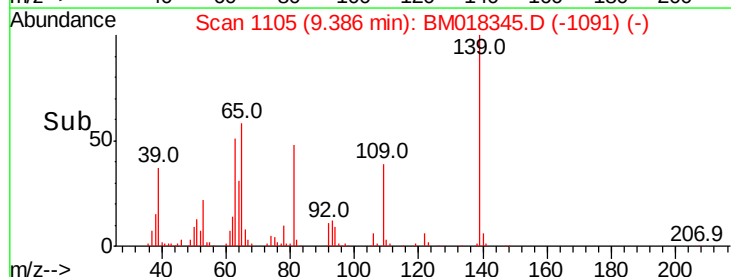
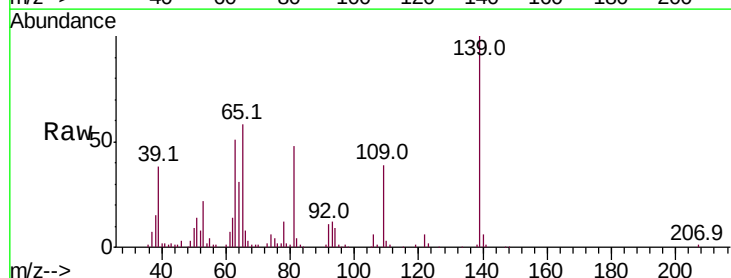
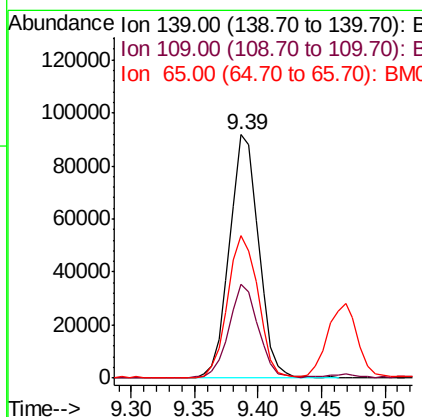
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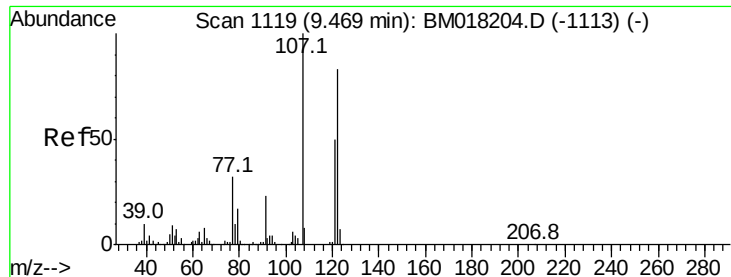
Sohil
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#26
2-Nitrophenol
Concen: 30.182 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	146564		
109	38.8		27.4	41.0
65	58.3		41.0	61.4





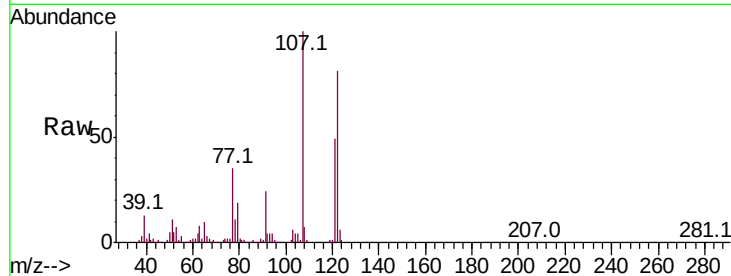
#27
 2,4-Dimethylphenol
 Concen: 50.938 ng
 RT: 9.47 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.2	96.5	144.7
121	61.1	48.2	72.4

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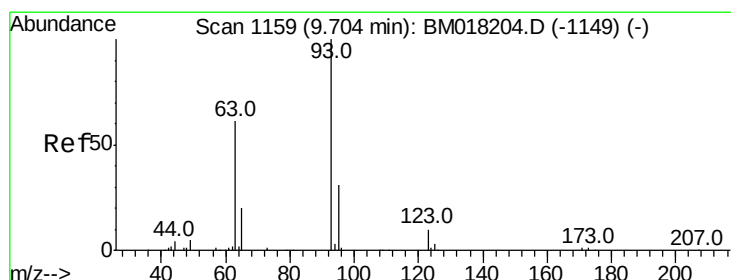
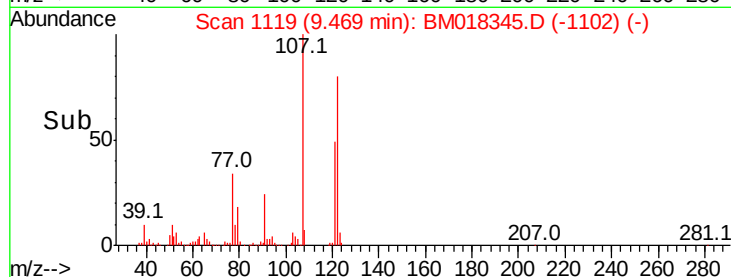
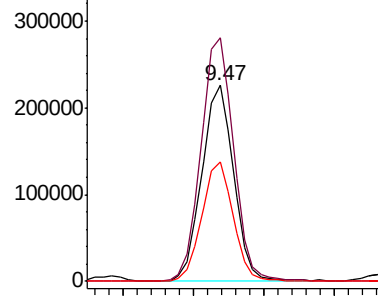


Abundance

Ion 122.00 (121.70 to 122.70): E

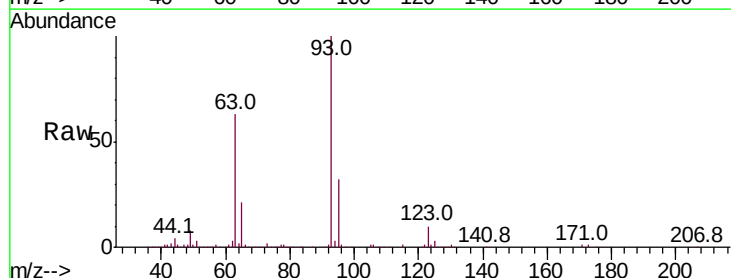
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.597 ng
 RT: 9.69 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.3	37.9
123	10.1	9.3	13.9

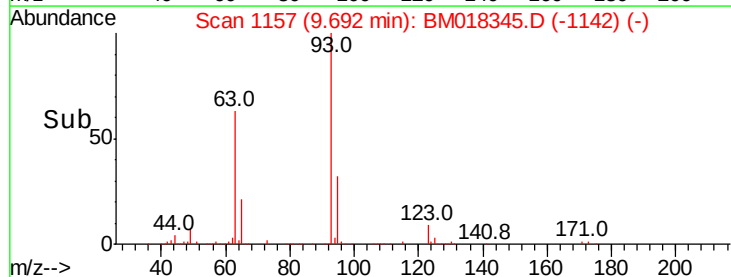
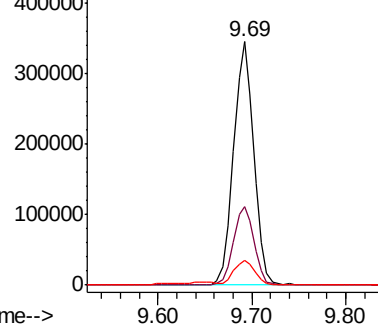


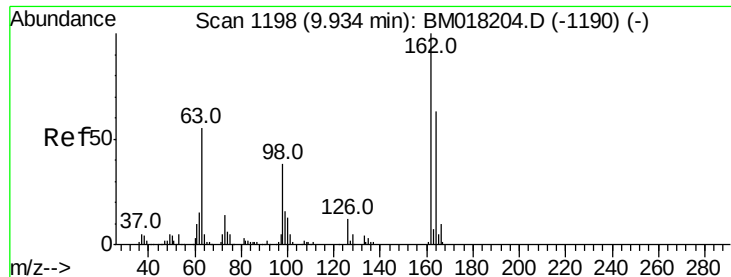
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





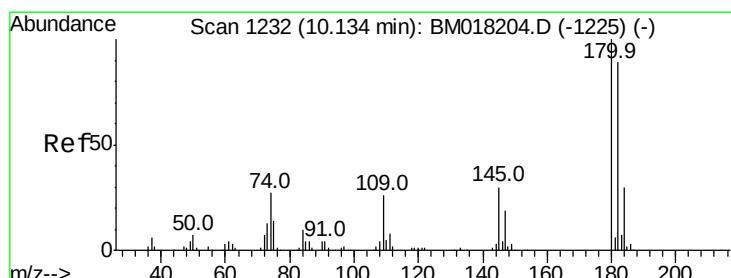
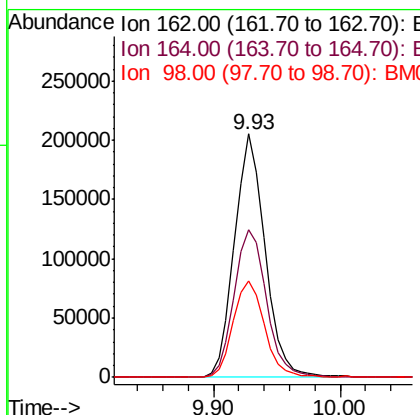
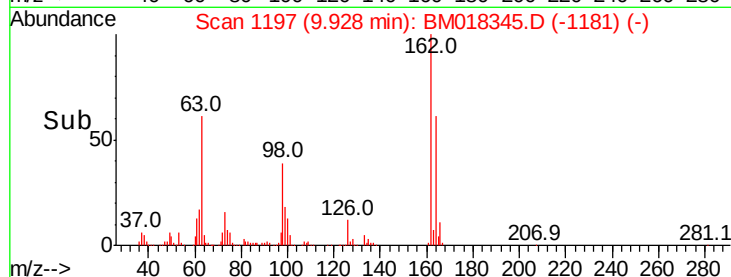
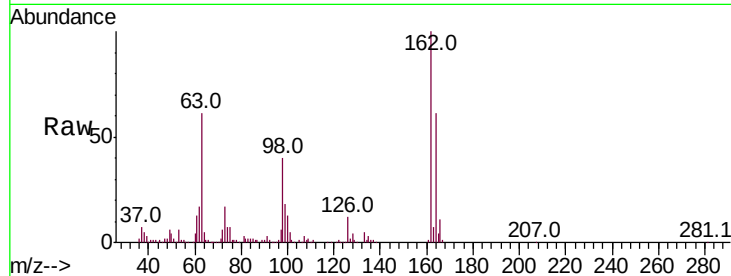
#29
2,4-Dichlorophenol
Concen: 44.323 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343932		
164	60.8	43.0	83.0	
98	39.6	18.3	58.3	

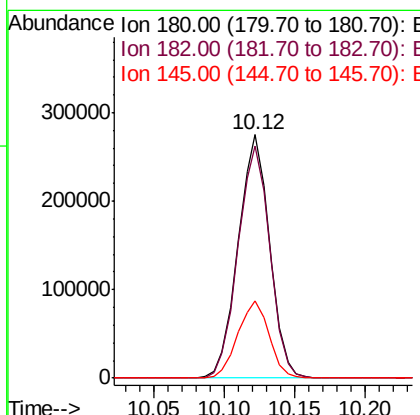
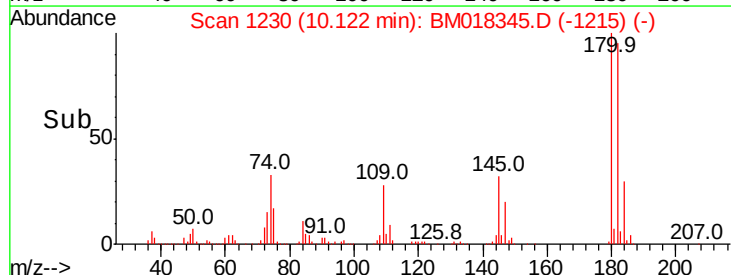
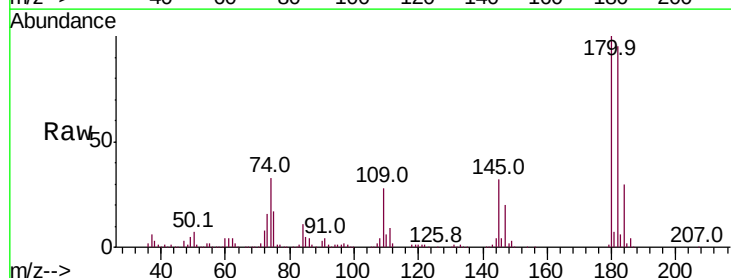
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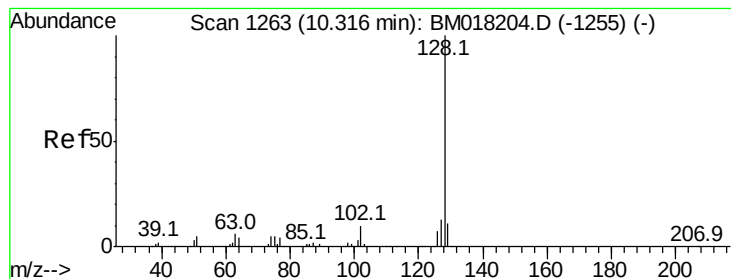
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#30
1,2,4-Trichlorobenzene
Concen: 48.480 ng
RT: 10.12 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	427897		
182	95.4	71.4	107.2	
145	31.9	24.4	36.6	





#31

Naphthalene

Concen: 48.075 ng

RT: 10.30 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:128 Resp: 1194767

Ion Ratio Lower Upper

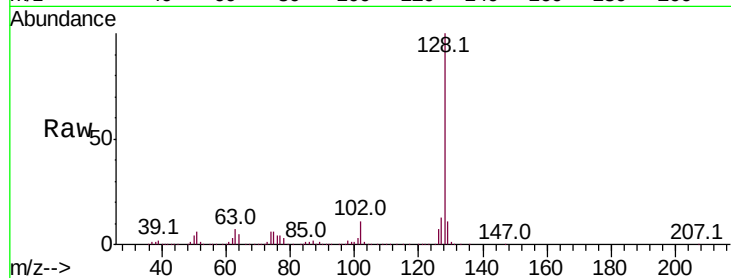
128 100

129 11.0 8.9 13.3

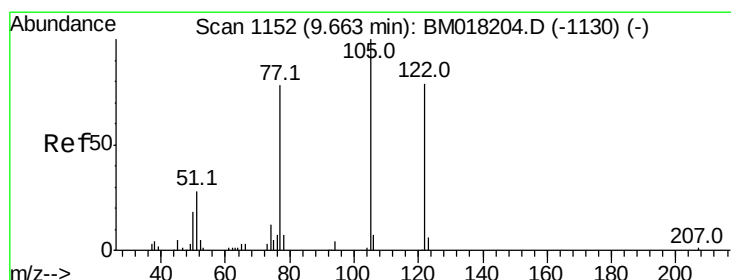
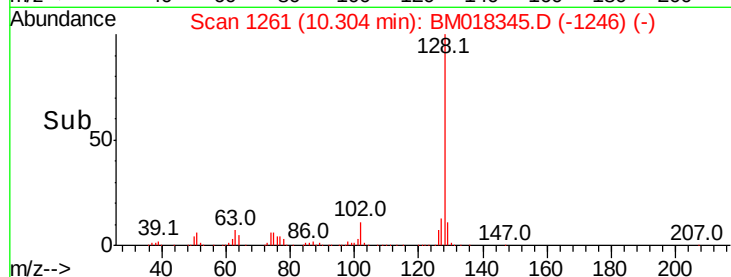
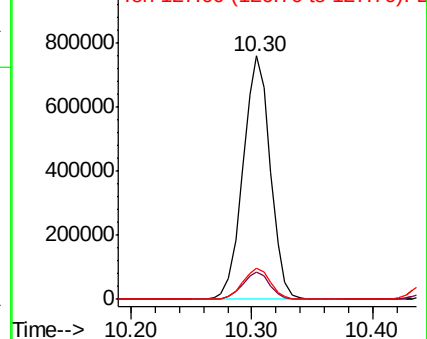
127 13.0 10.4 15.6

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



#32

Benzoic acid

Concen: 26.795 ng m

RT: 9.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

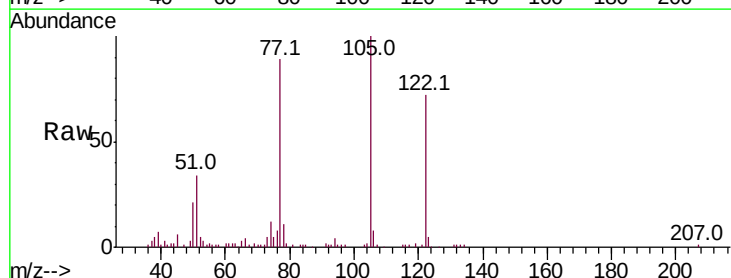
Tgt Ion:122 Resp: 177572

Ion Ratio Lower Upper

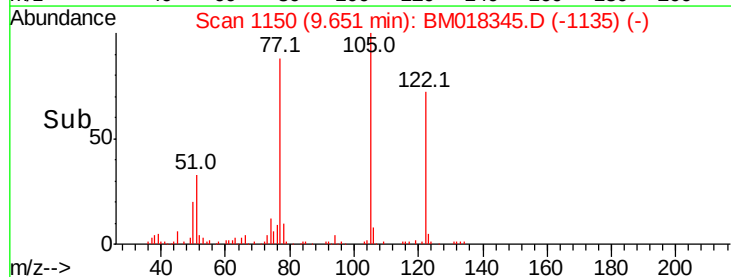
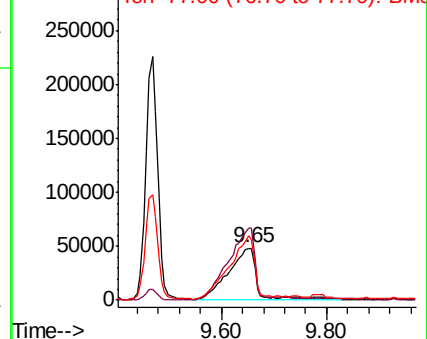
122 100

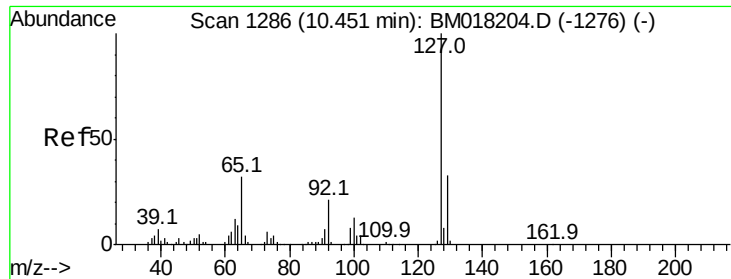
105 138.8 104.8 144.8

77 123.7 77.7 117.7#



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





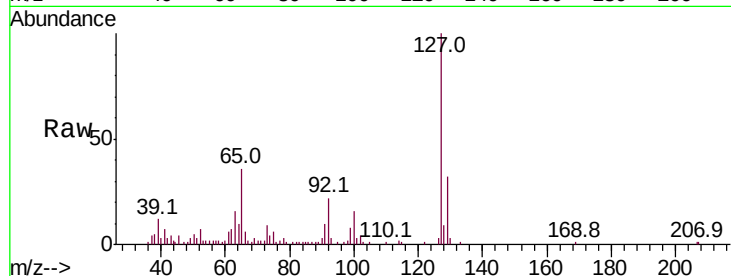
#33
4-Chloroaniline
Concen: 9.887 ng
RT: 10.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

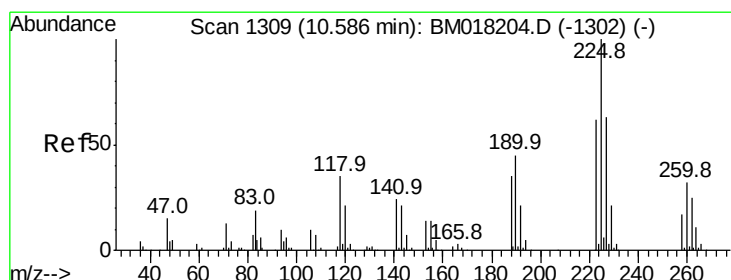
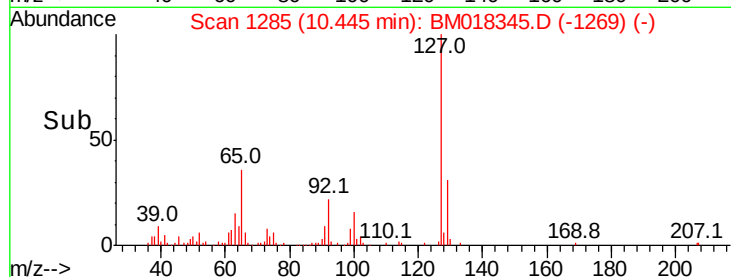
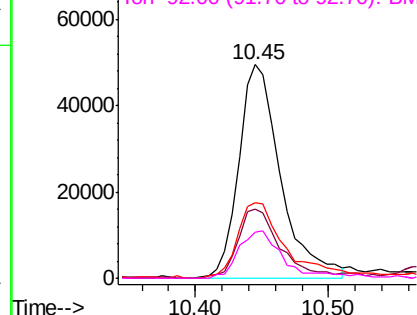
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.4	39.6	
65	35.5	25.6	38.4	
92	21.7	17.0	25.6	

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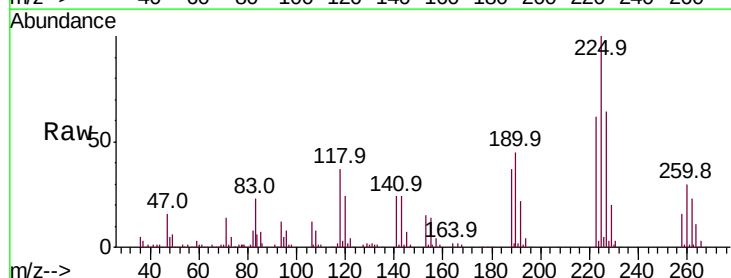


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

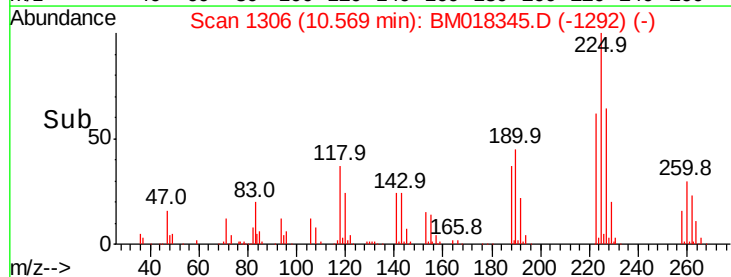
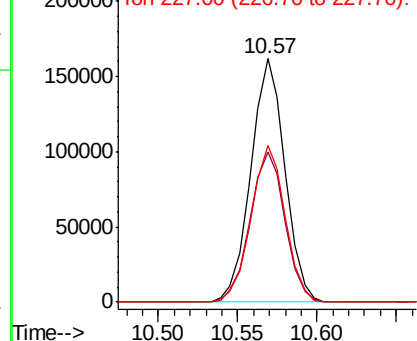


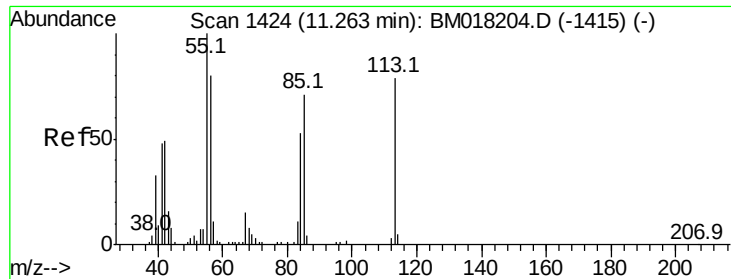
#34
Hexachlorobutadiene
Concen: 43.325 ng
RT: 10.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	49.8	74.6	
227	64.1	50.2	75.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.611 ng/ml

RT: 11.27 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:113 Resp: 96424

Ion Ratio Lower Upper

113 100

55 123.4 105.9 145.9

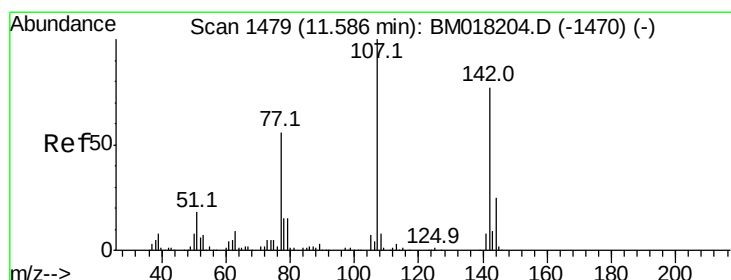
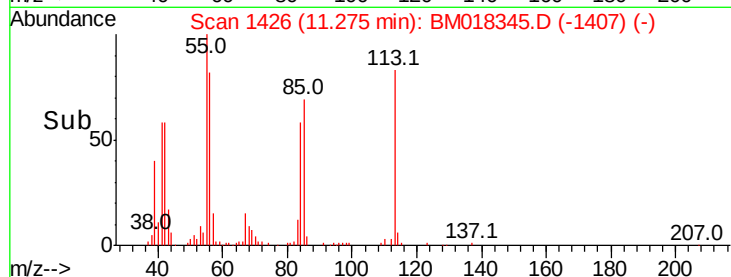
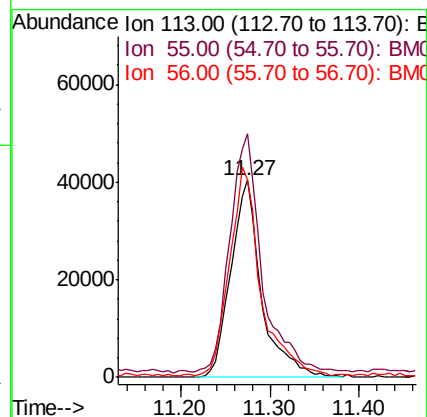
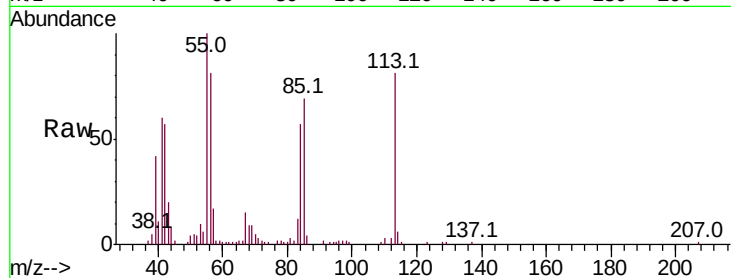
56 100.2 80.1 120.1

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#36

4-Chloro-3-methylphenol

Concen: 39.672 ng/ml

RT: 11.59 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

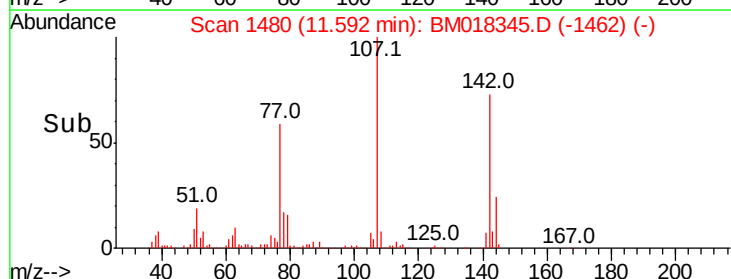
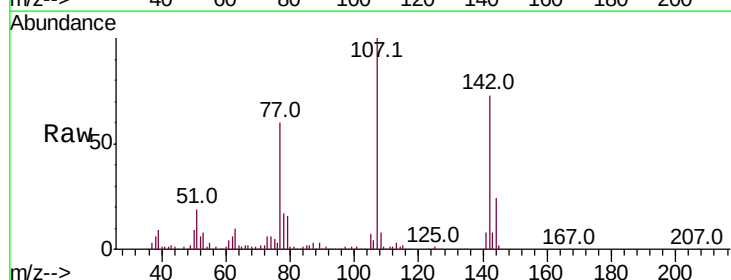
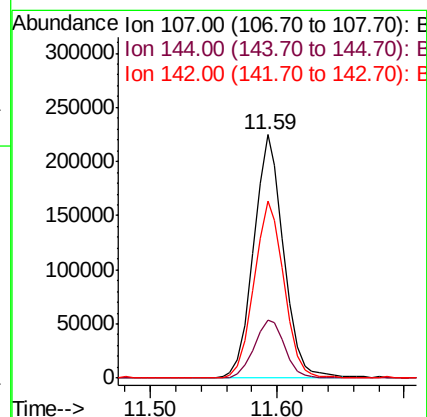
Tgt Ion:107 Resp: 369893

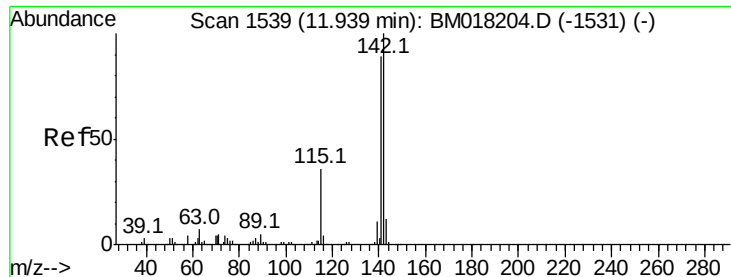
Ion Ratio Lower Upper

107 100

144 24.1 20.1 30.1

142 72.7 61.7 92.5





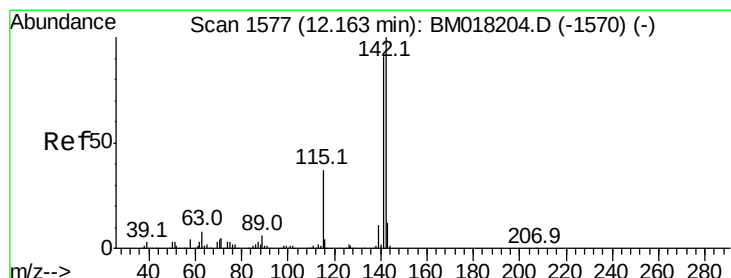
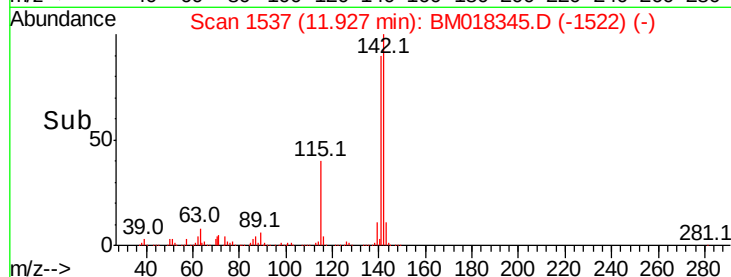
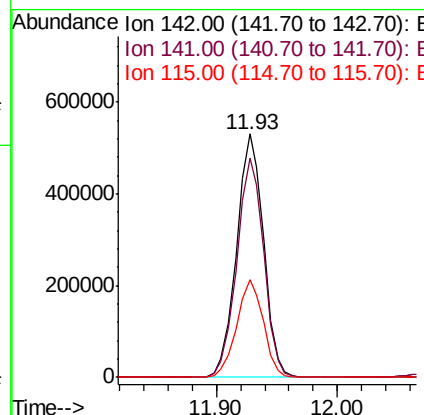
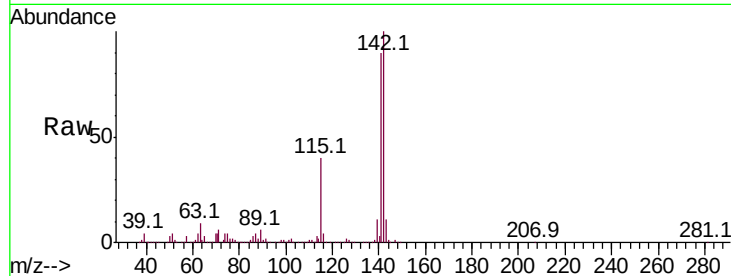
#37
2-Methylnaphthalene
Concen: 46.960 ng
RT: 11.93 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	40.3	29.0	43.6

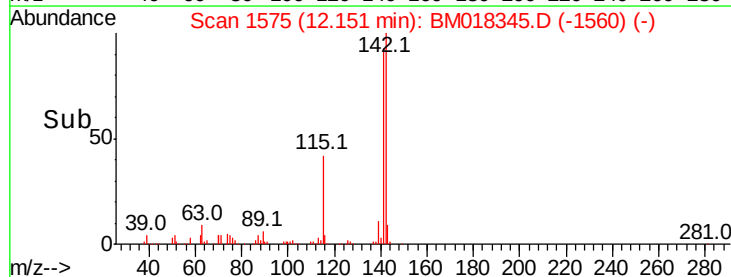
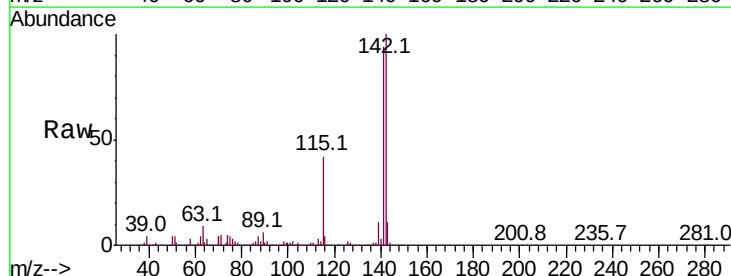
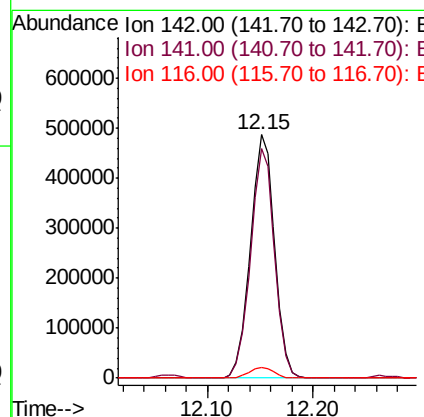
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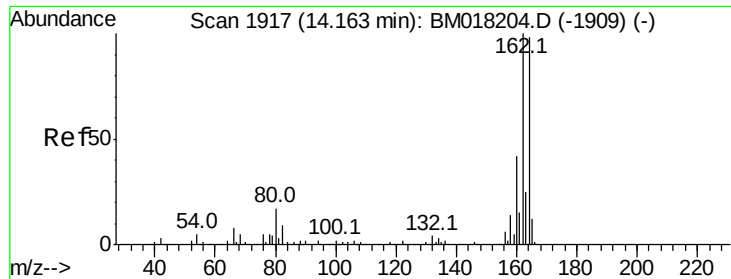
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#38
1-Methylnaphthalene
Concen: 45.211 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.0	109.4
116	4.2	3.0	4.6





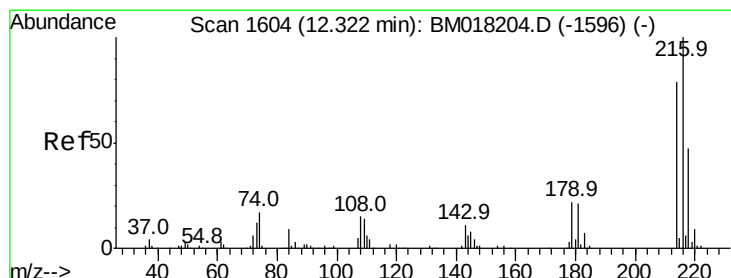
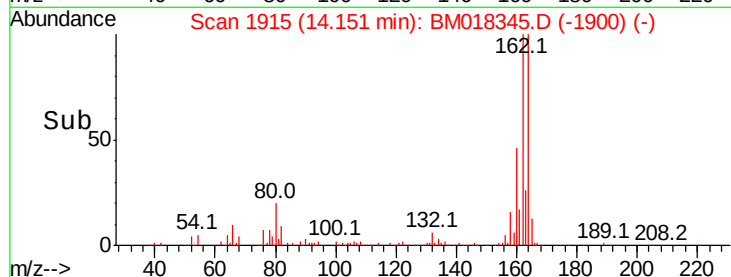
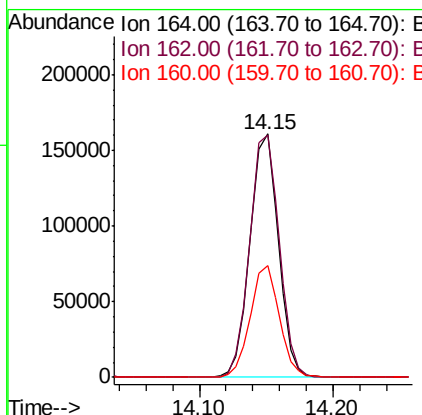
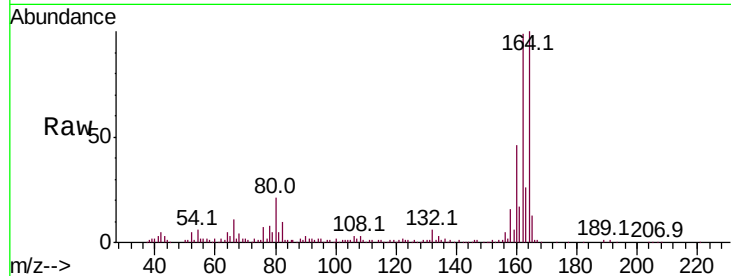
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.8	122.6
160	46.2	34.6	51.8

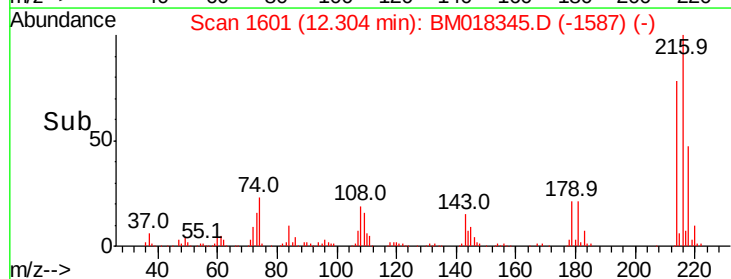
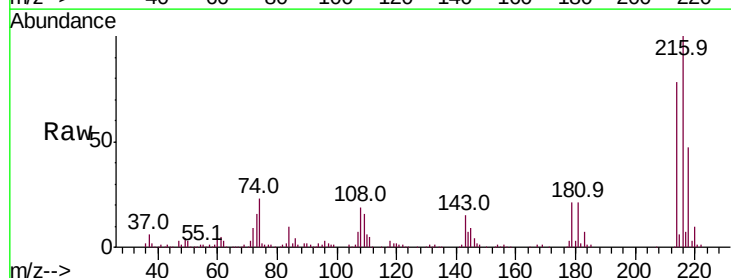
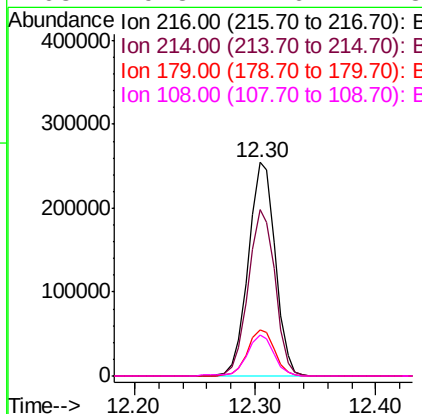
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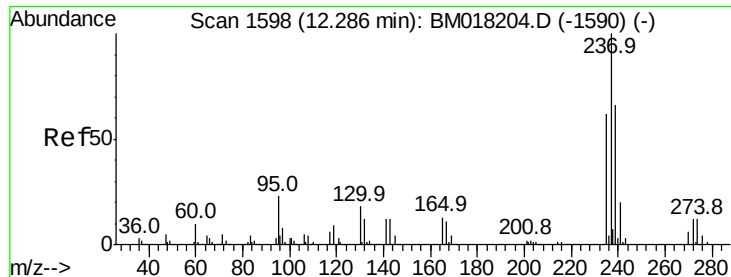
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.938 ng
 RT: 12.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.4	95.0
179	21.7	17.2	25.8
108	19.8	14.6	21.8





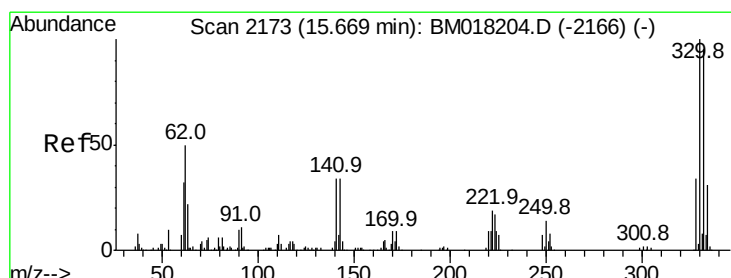
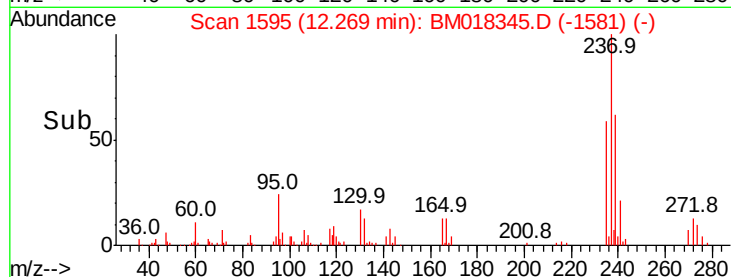
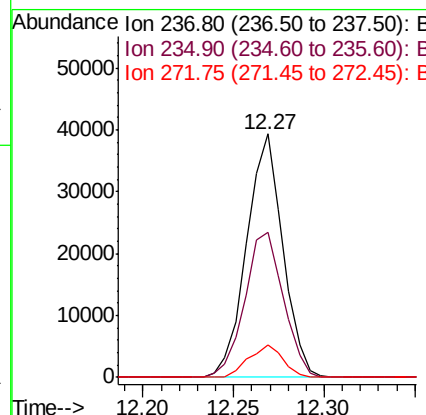
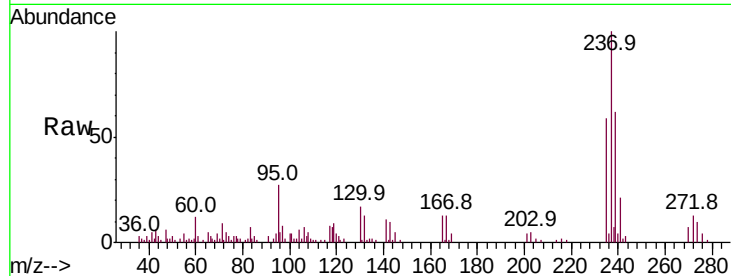
#41
Hexachlorocyclopentadiene
Concen: 21.903 ng
RT: 12.27 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion:	237	Resp:	54554
Ion Ratio	Lower	Upper	
237	100		
235	59.5	42.1	82.1
272	13.4	0.0	32.1

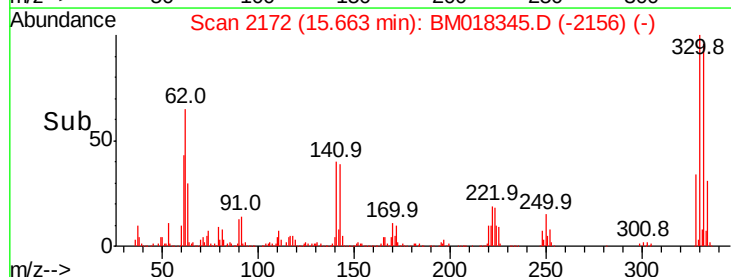
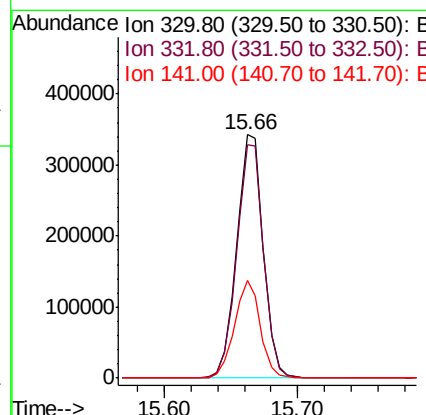
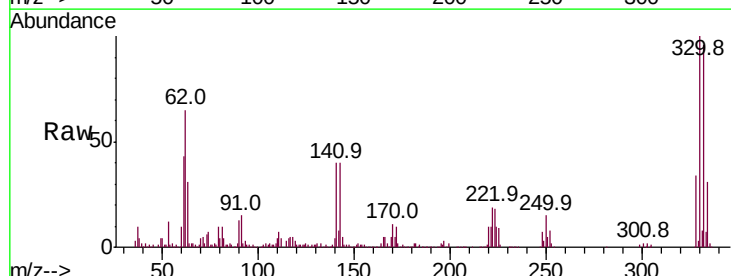
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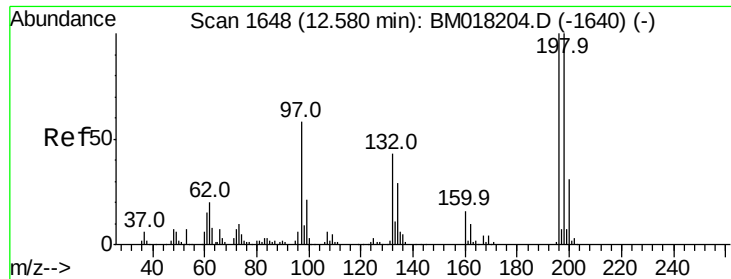
Sohil
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#42
2,4,6-Tribromophenol
Concen: 137.190 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion:	330	Resp:	474692
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.6	118.0
141	38.8	27.1	40.7





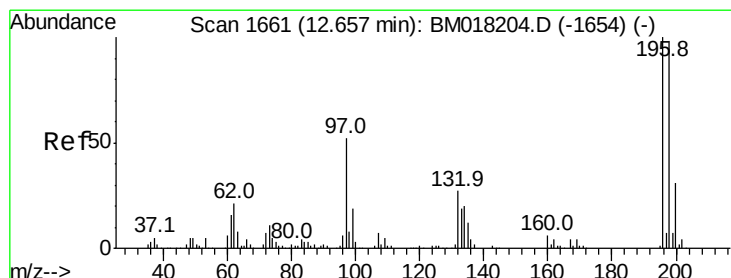
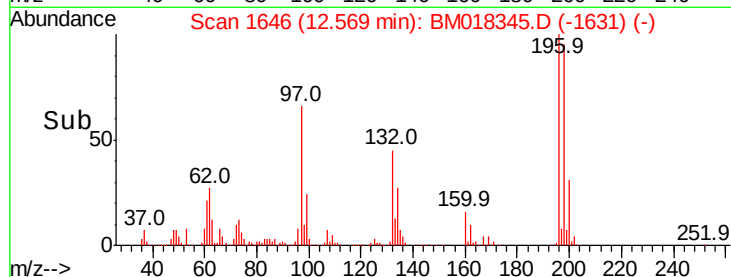
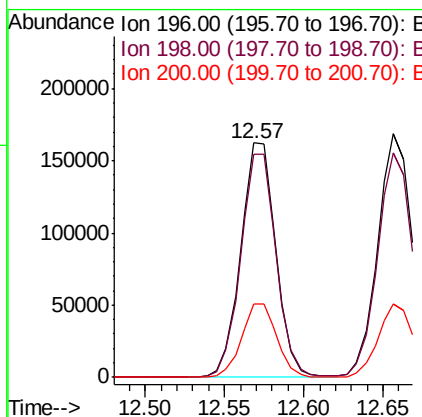
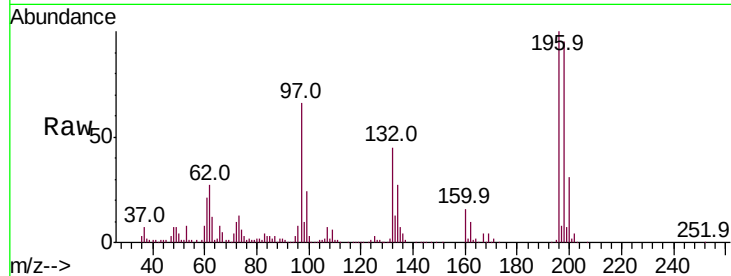
#43
 2,4,6-Trichlorophenol
 Concen: 47.817 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249321		
198	95.3	80.1	120.1	
200	31.4	24.9	37.3	

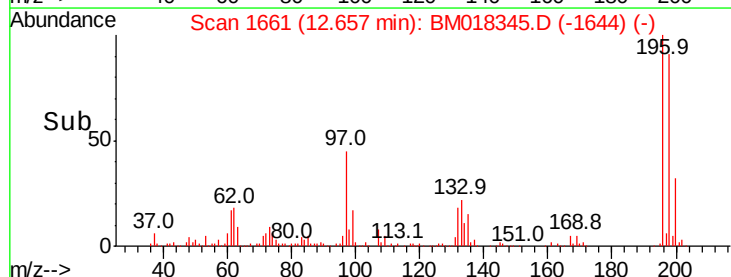
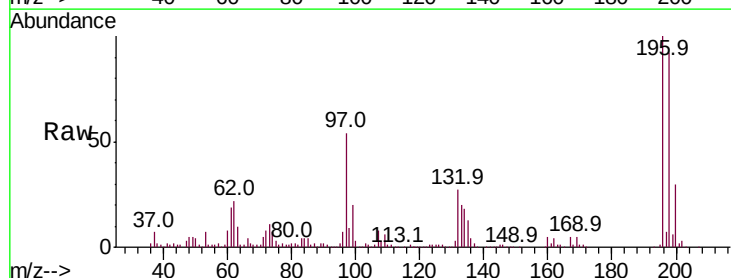
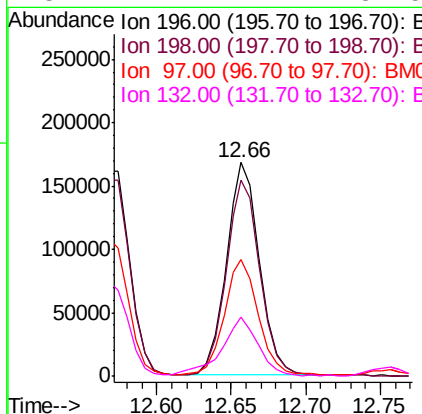
Manual Integrations
 APPROVED

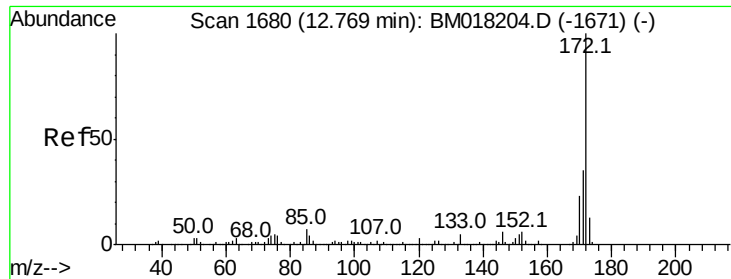
Sohil
 12/21/2018 4:37:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.719 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258607		
198	92.0	78.5	117.7	
97	54.5	41.9	62.9	
132	27.4	21.7	32.5	





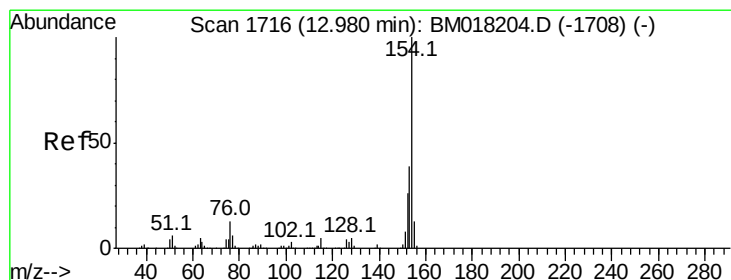
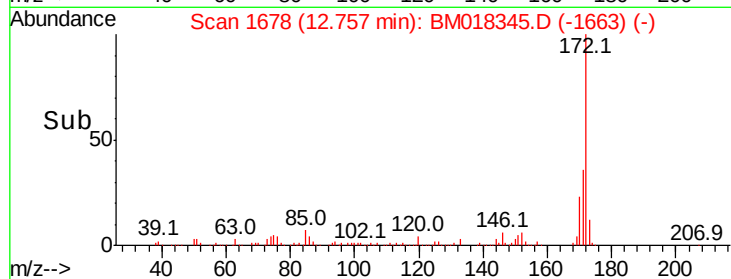
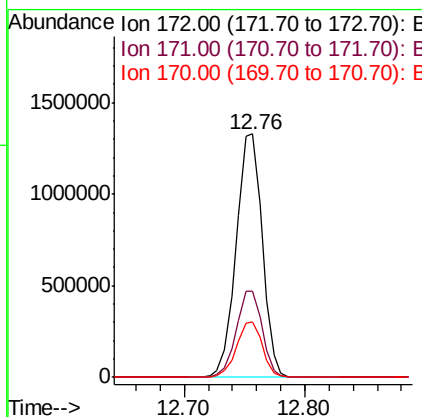
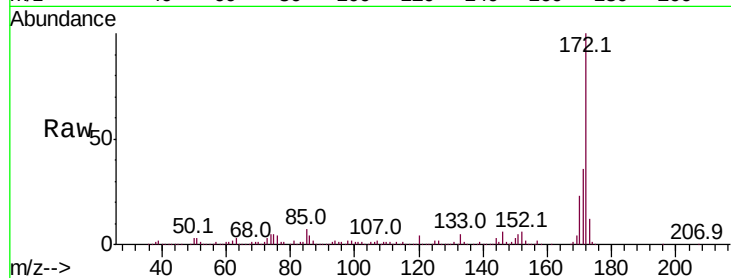
#45
2-Fluorobiphenyl
Concen: 110.319 ng
RT: 12.76 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.0	18.1	27.1

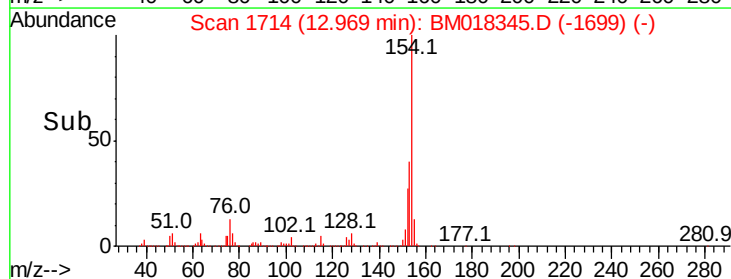
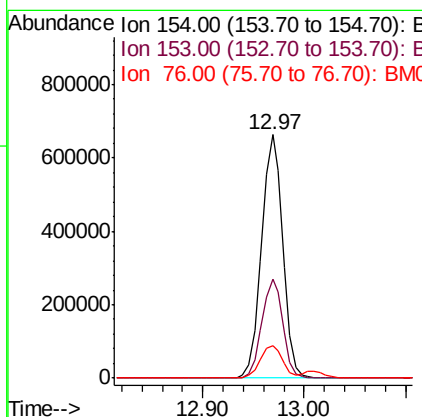
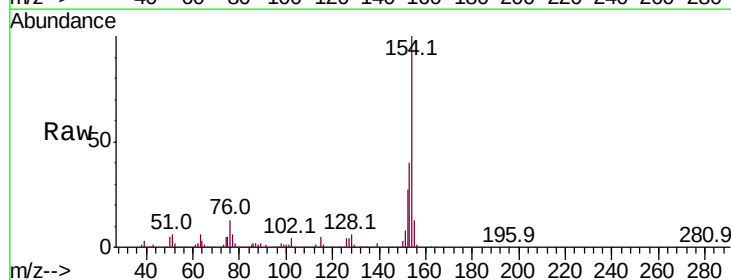
Manual Integrations
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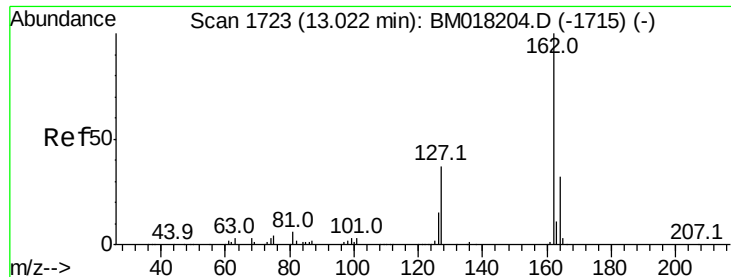
Sohil
12/21/2018 4:37:03 PM



#46
1,1'-Biphenyl
Concen: 45.647 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.5	59.5
76	13.4	0.0	33.1





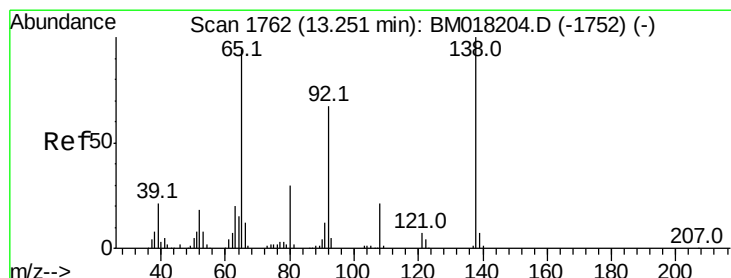
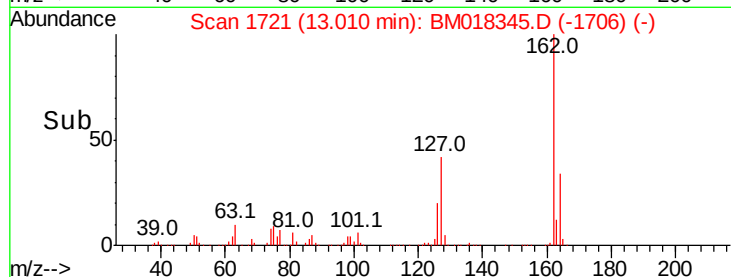
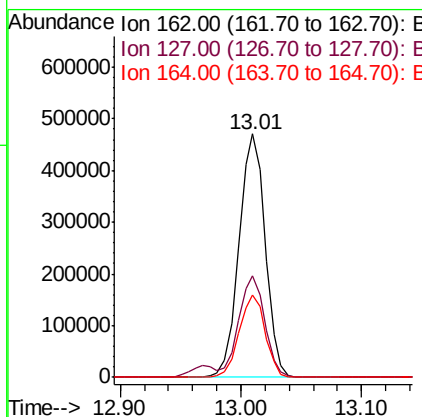
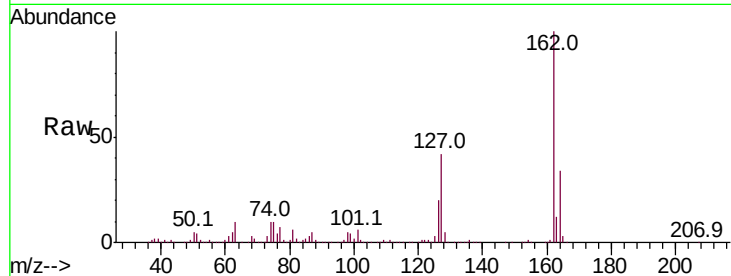
#47
2-Chloronaphthalene
Concen: 45.719 ng
RT: 13.01 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.8	47.8
164	33.6	25.9	38.9

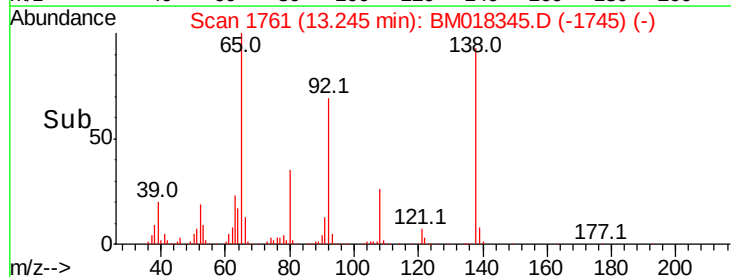
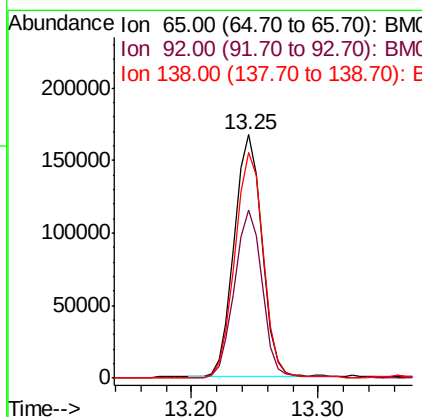
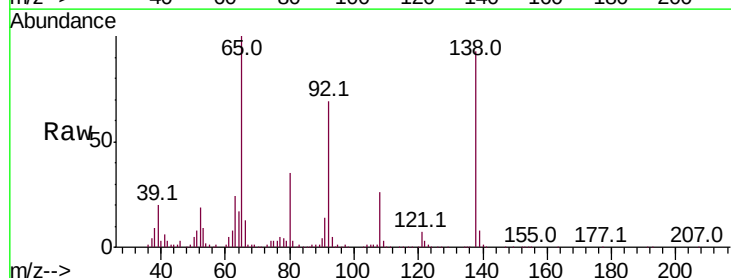
Manual Integrations
APPROVED

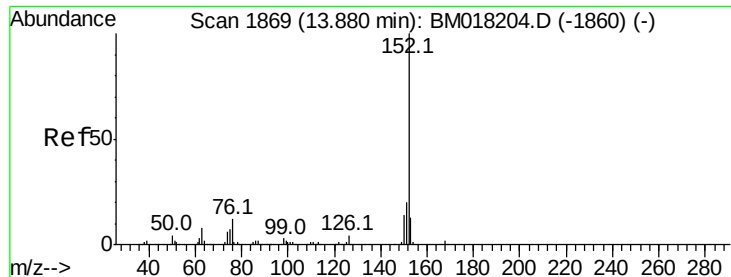
Sohil
12/21/2018 4:37:03 PM



#48
2-Nitroaniline
Concen: 52.755 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	56.8	85.2
138	92.8	85.1	127.7





#49

Acenaphthylene

Concen: 54.452 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:152 Resp: 1280913

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

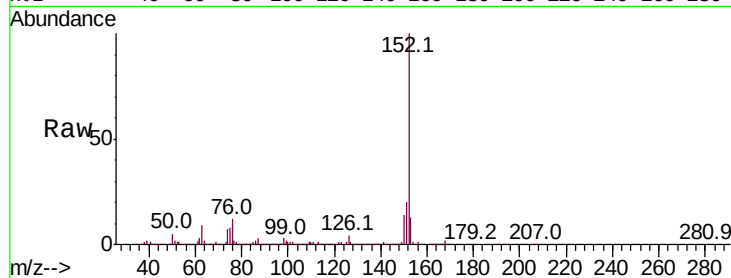
153 13.3 10.2 15.2

Manual Integrations

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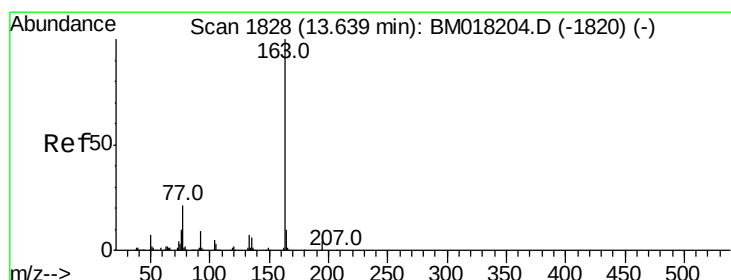
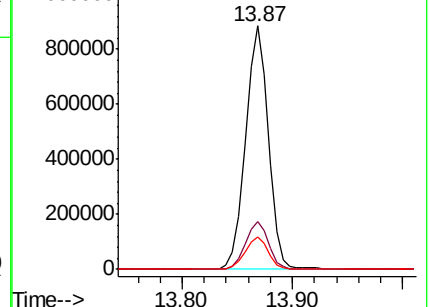
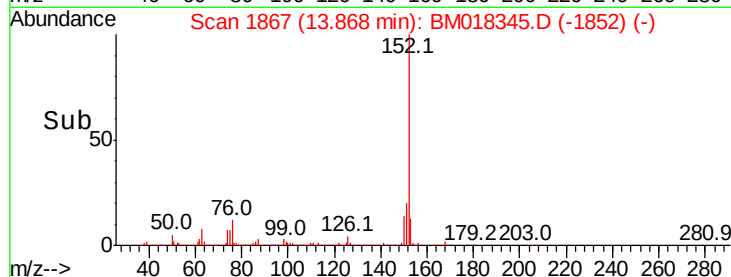
12/21/2018 4:37:03 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.131 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

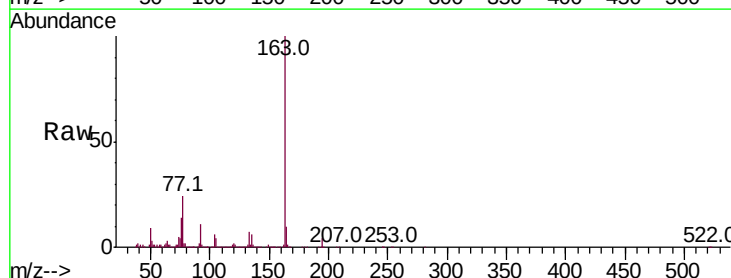
Tgt Ion:163 Resp: 1002127

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

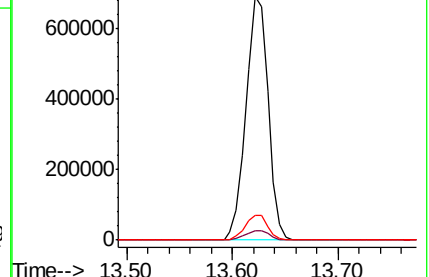
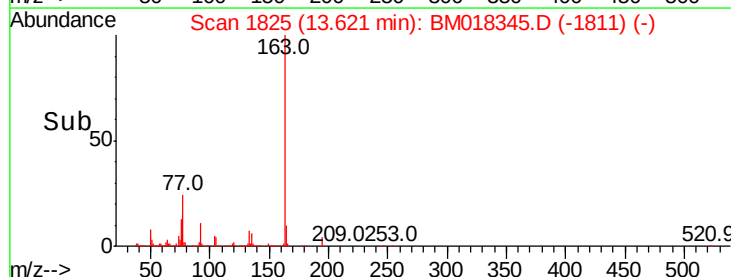
164 10.1 7.9 11.9

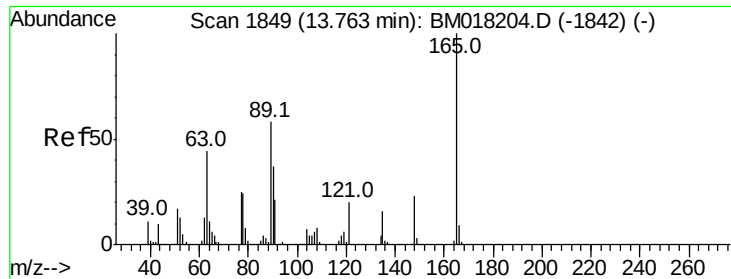


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.010 ng

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

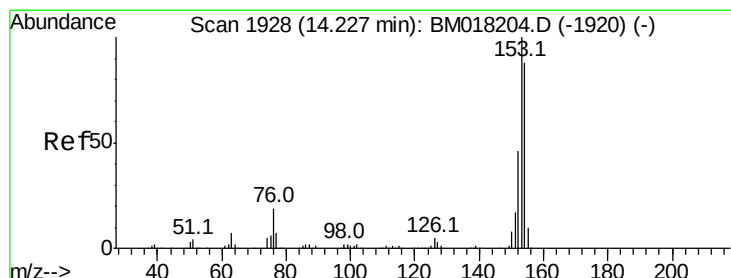
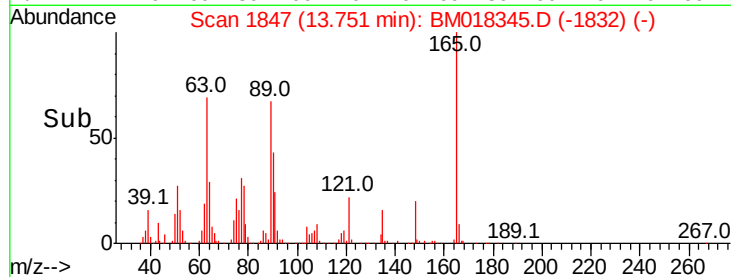
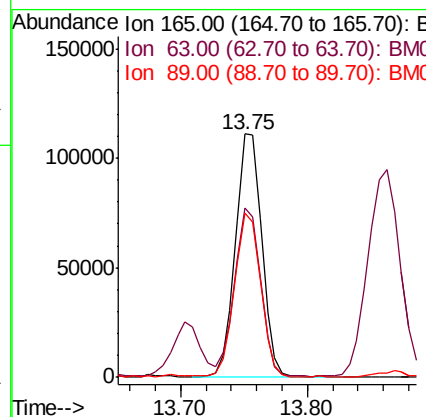
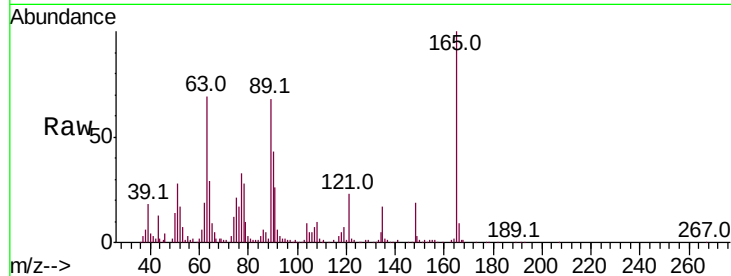
ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:165	Resp:	159459
Ion Ratio	Lower	Upper
165 100		
63 69.3	46.6	69.8
89 67.6	46.3	69.5

Manual Integrations
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#52

Acenaphthene

Concen: 44.877 ng

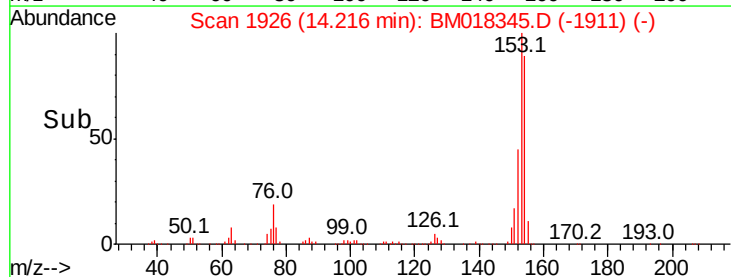
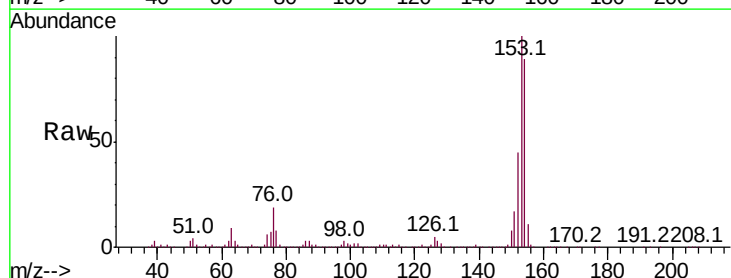
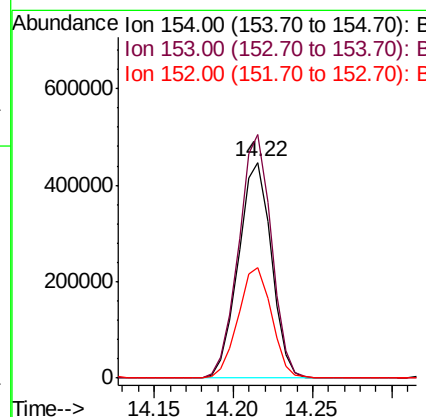
RT: 14.22 min Scan# 1926

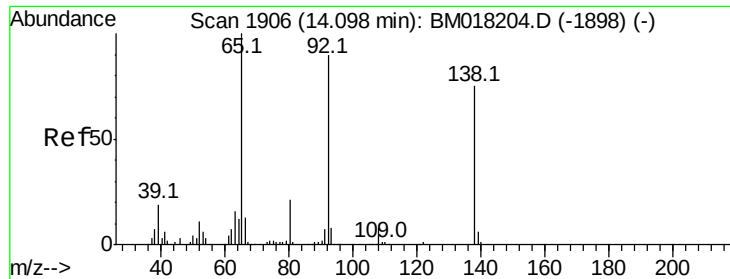
Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion:154	Resp:	645161
Ion Ratio	Lower	Upper
154 100		
153 112.8	90.4	135.6
152 51.0	41.2	61.8





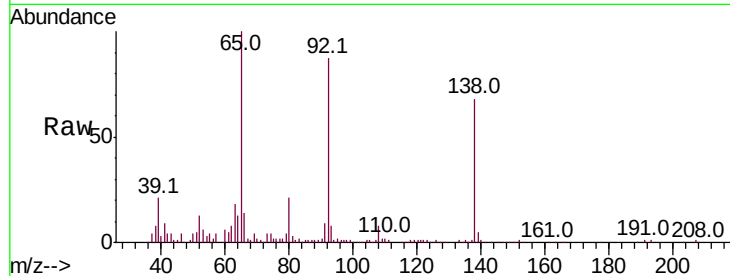
#53
3-Nitroaniline
Concen: 27.610 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.4	12.6
92	128.4	94.9	142.3

Manual Integrations
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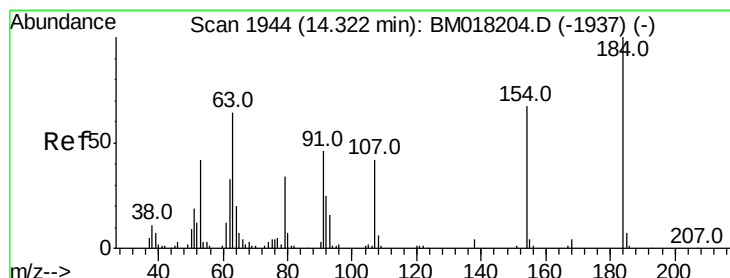
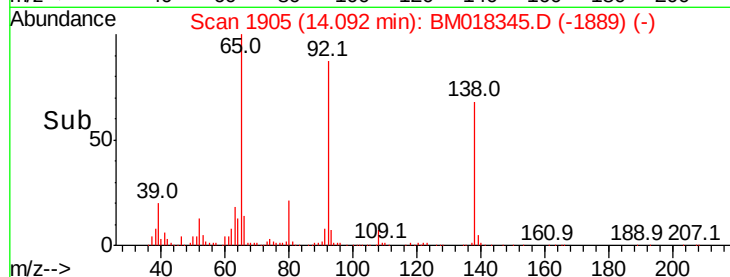
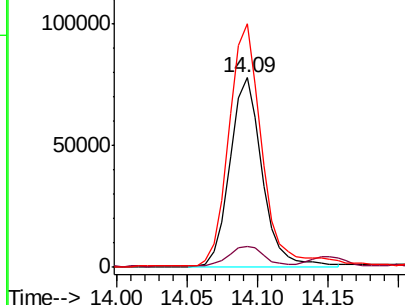


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 2.099 ng
RT: 14.32 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

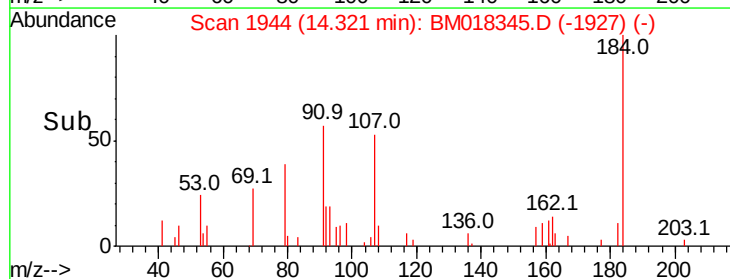
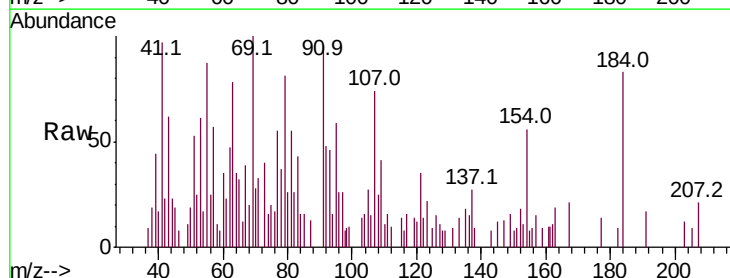
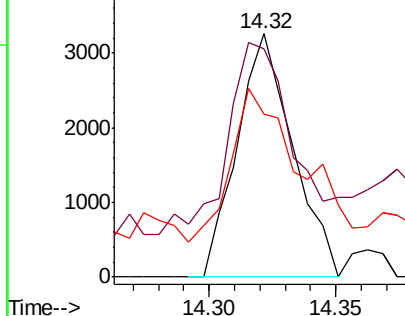
Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.8	51.6	77.4#
154	66.9	54.0	81.0

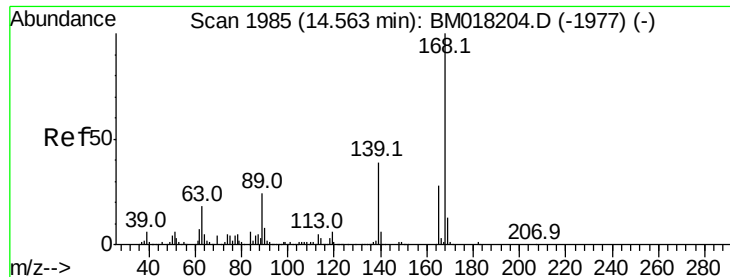
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





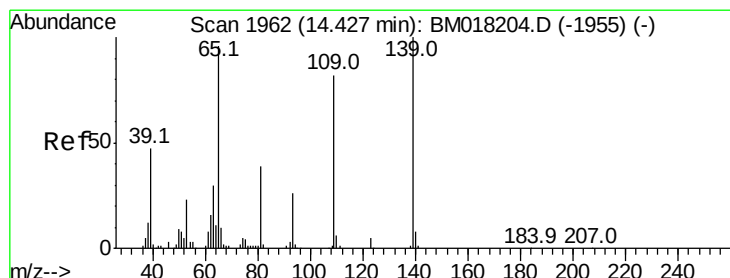
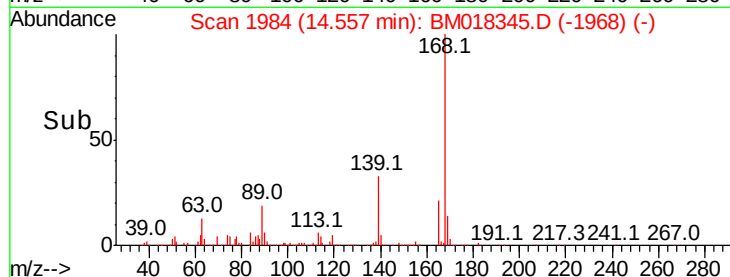
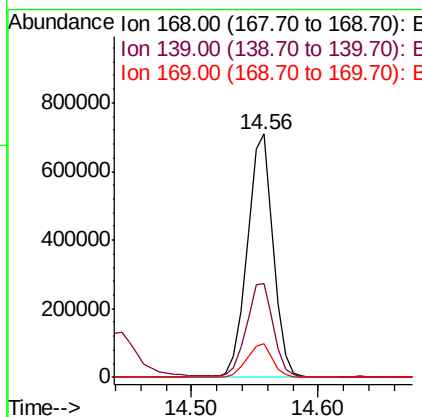
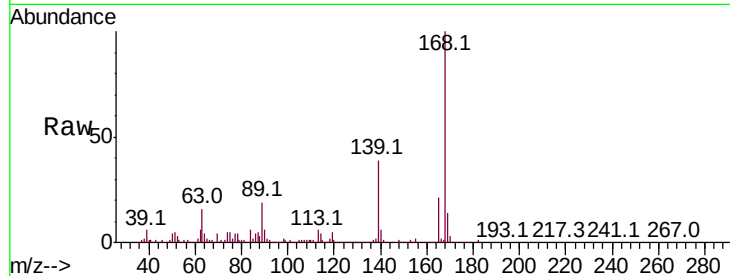
#55
Dibenzofuran
Concen: 43.532 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.2	46.8
169	13.7	10.4	15.6

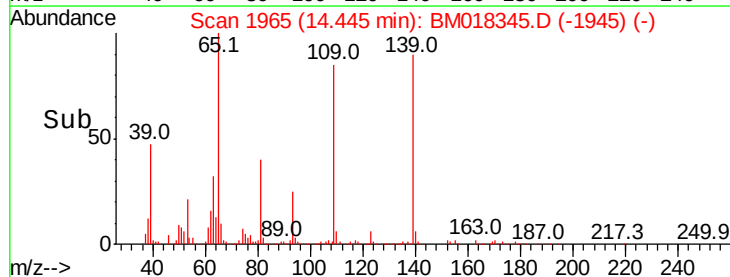
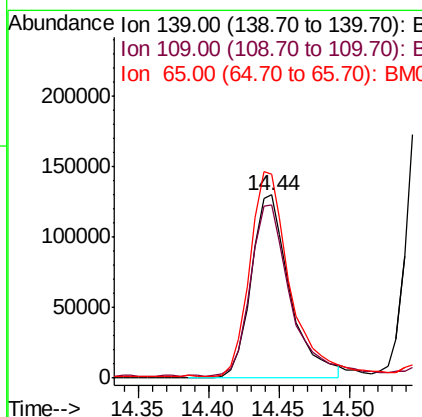
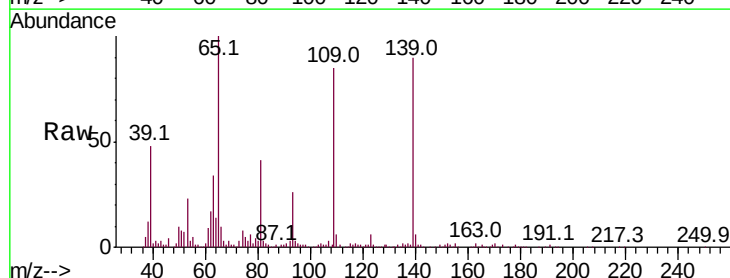
Manual Integrations
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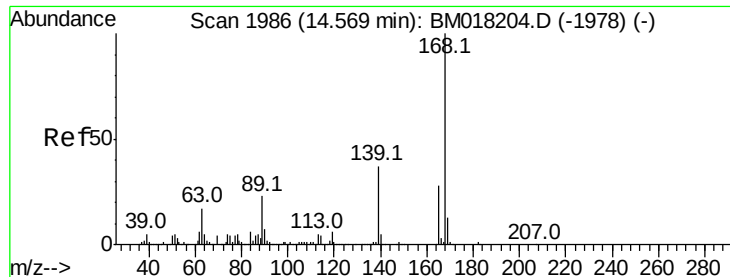
Sohil
12/21/2018 4:37:03 PM



#56
4-Nitrophenol
Concen: 72.911 ng
RT: 14.44 min Scan# 1965
Delta R.T. 0.02 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.4	62.3	102.3
65	111.5	76.4	116.4





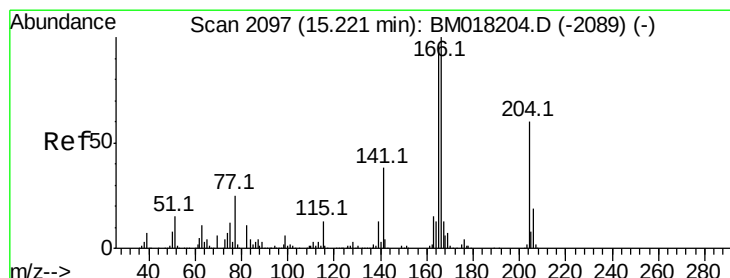
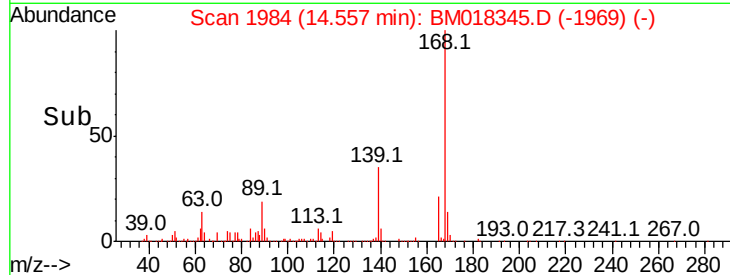
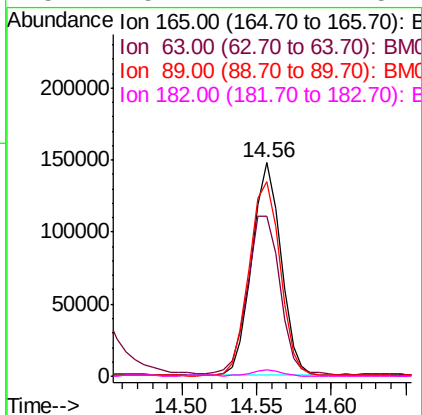
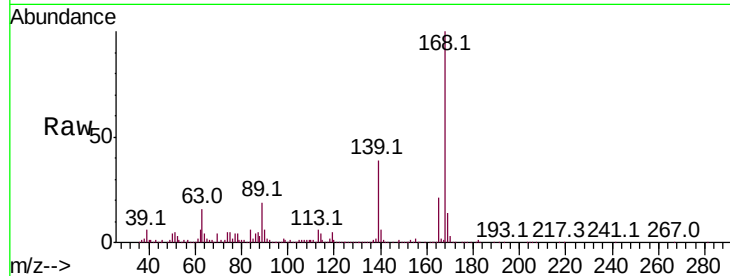
#57
 2,4-Dinitrotoluene
 Concen: 33.575 ng
 RT: 14.56 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199953		
63	74.8	47.2	70.8#	
89	91.1	65.8	98.8	
182	3.2	2.2	3.4	

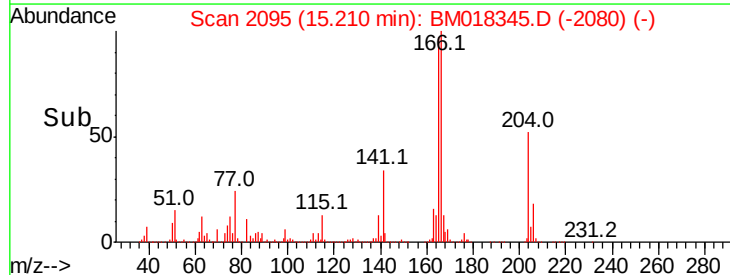
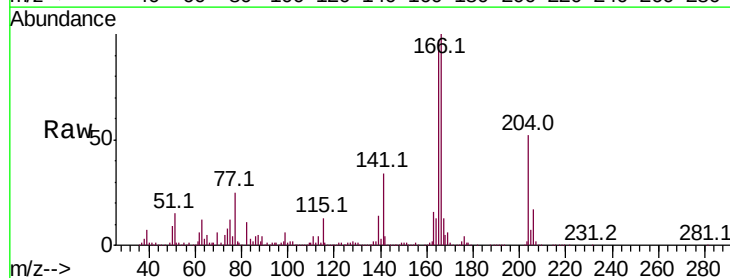
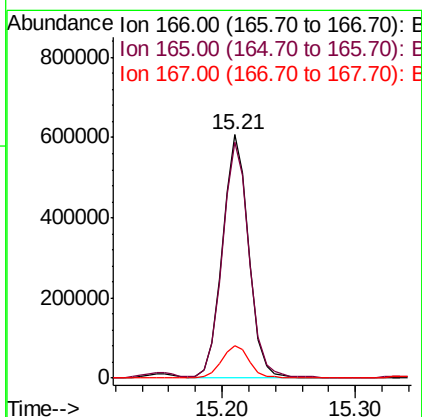
Manual Integrations
 APPROVED

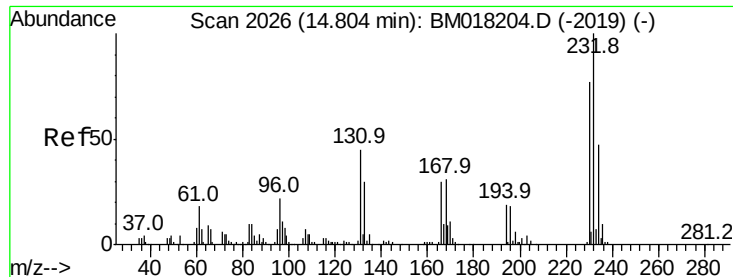
Sohil
 12/21/2018 4:37:03 PM



#58
 Fluorene
 Concen: 46.741 ng
 RT: 15.21 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	833915		
165	96.9	76.9	115.3	
167	13.2	10.5	15.7	





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.742 ng

RT: 14.80 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

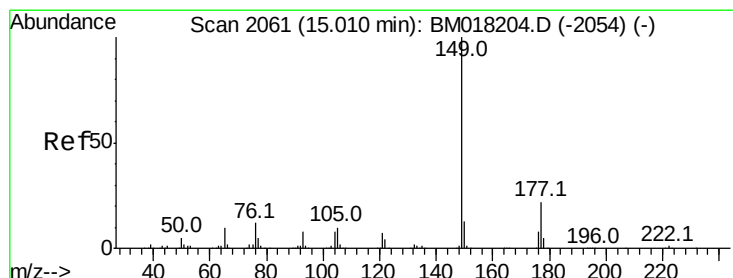
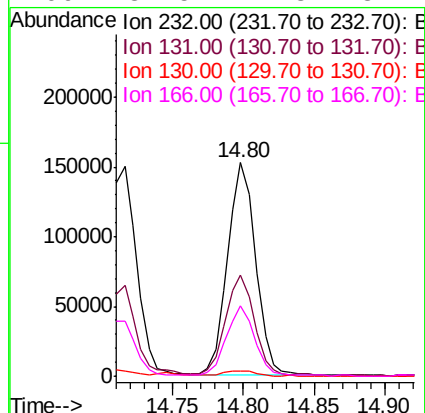
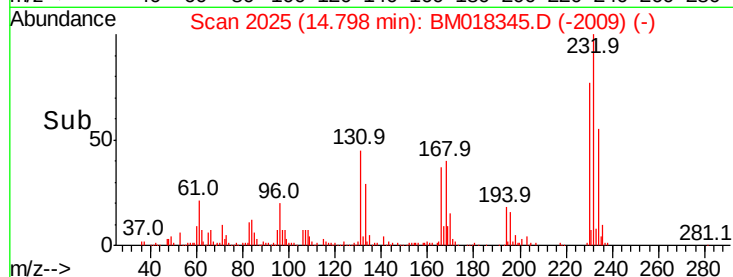
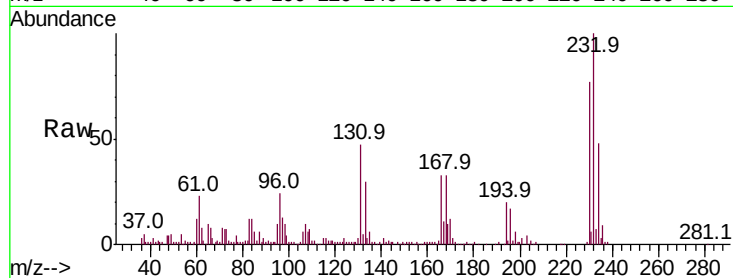
ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	213075		
131	46.9	36.2	54.2	
130	3.0	1.8	2.6	
166	32.5	24.8	37.2	

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#60

Diethylphthalate

Concen: 40.297 ng

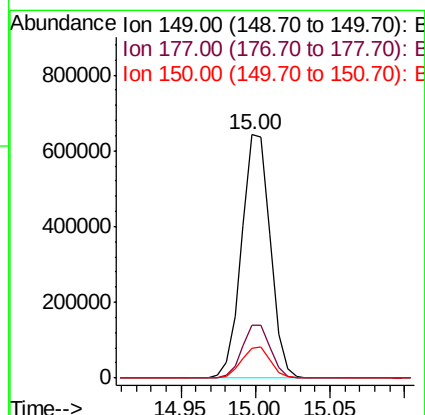
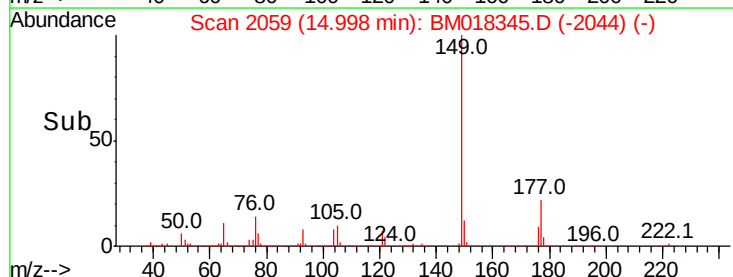
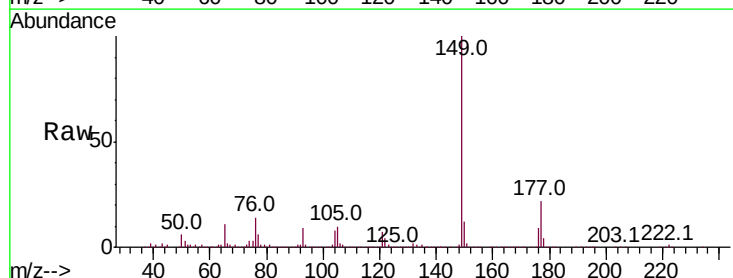
RT: 15.00 min Scan# 2059

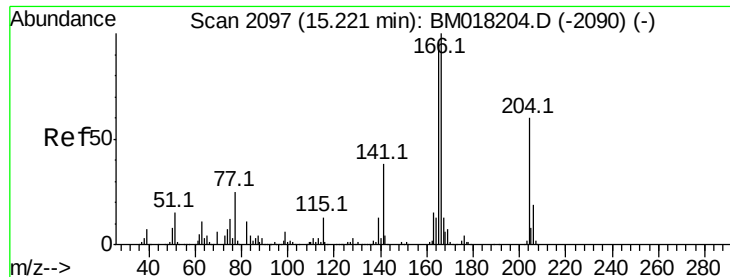
Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	852324		
177	21.7	17.8	26.8	
150	12.4	10.3	15.5	





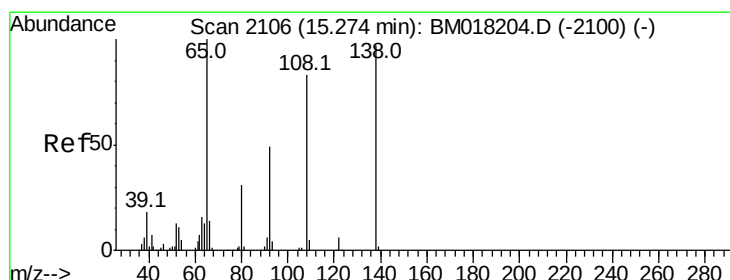
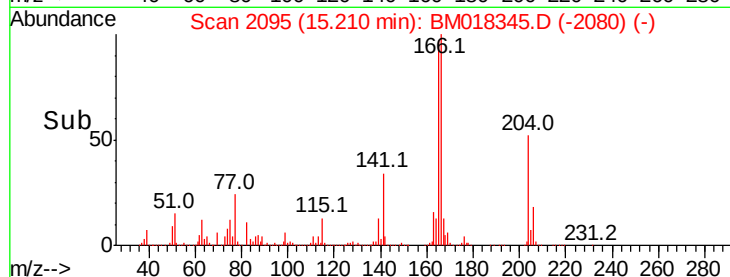
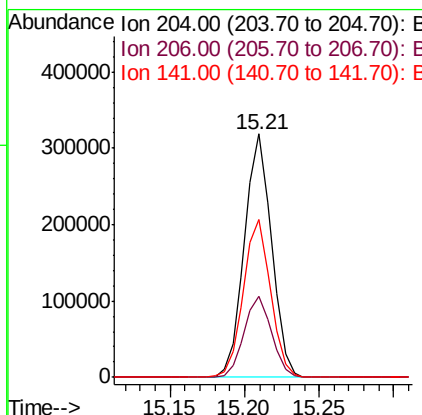
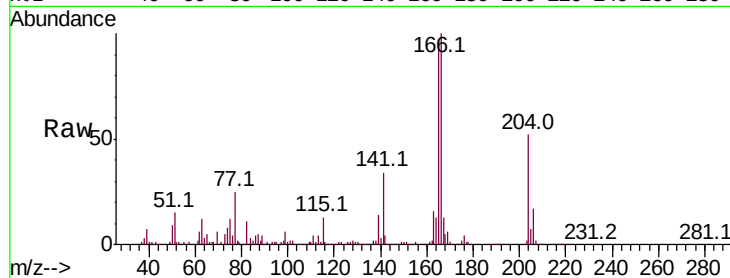
#61
4-Chlorophenyl-phenylether
Concen: 39.820 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	64.8	50.2	75.4

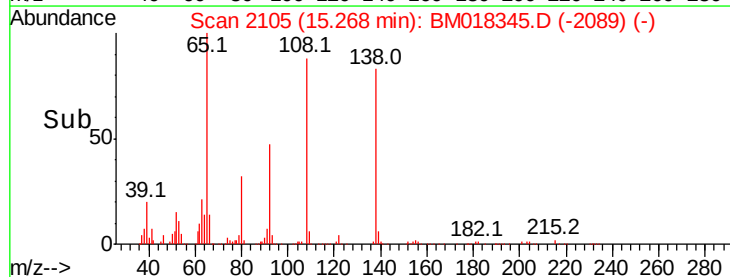
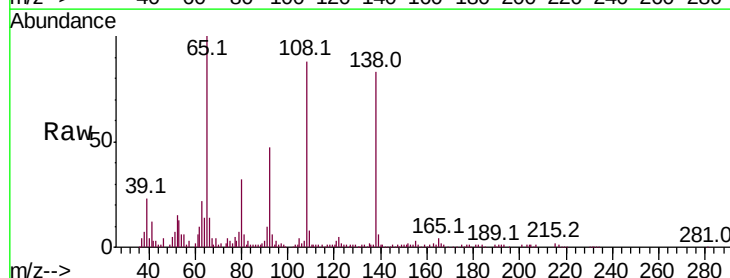
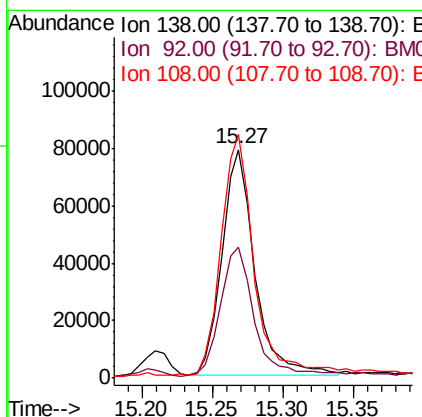
Manual Integrations
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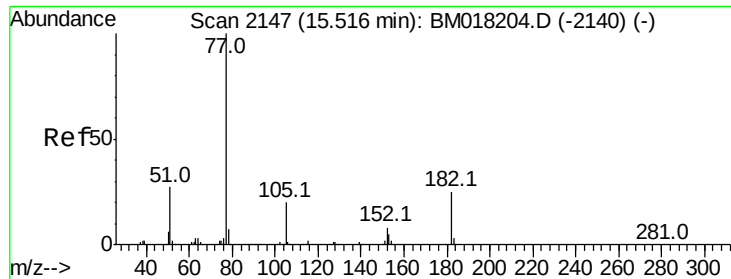
Sohil
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#62
4-Nitroaniline
Concen: 29.632 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	31.1	71.1
108	106.4	65.0	105.0#





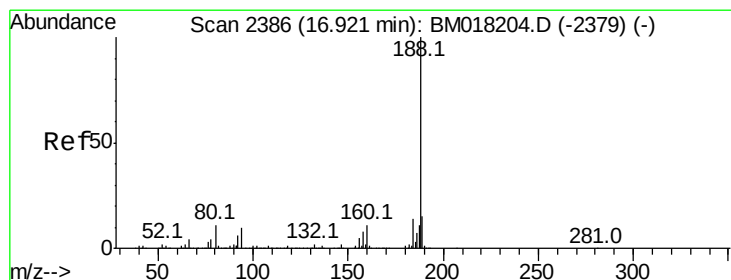
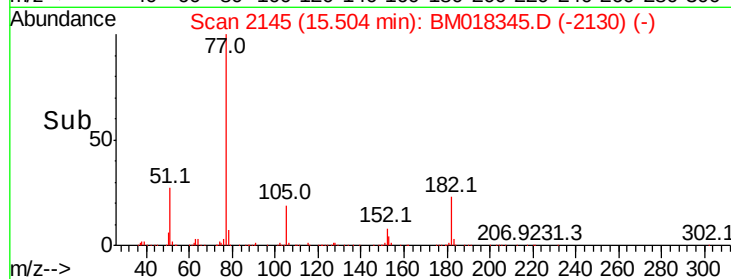
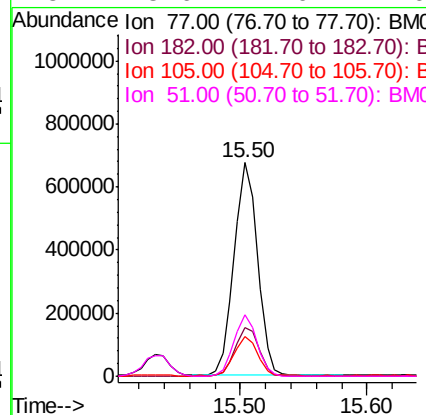
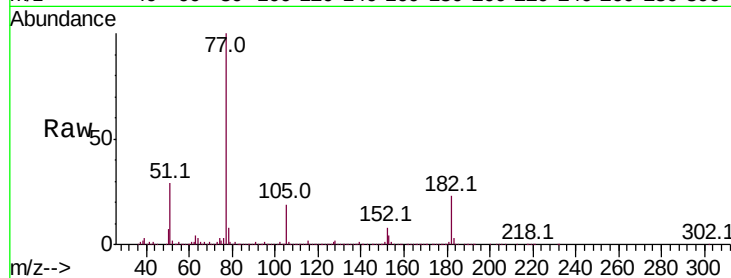
#63
Azobenzene
Concen: 44.569 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.1	4.6	44.6	
105	18.9	0.2	40.2	
51	28.6	7.0	47.0	

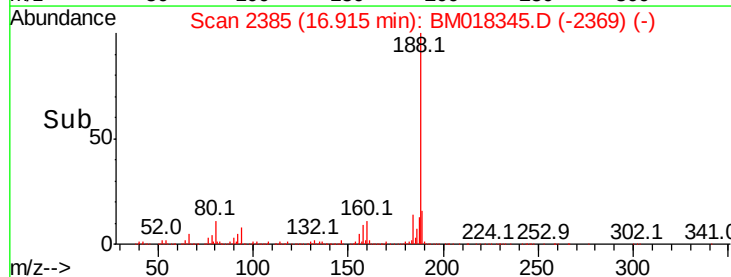
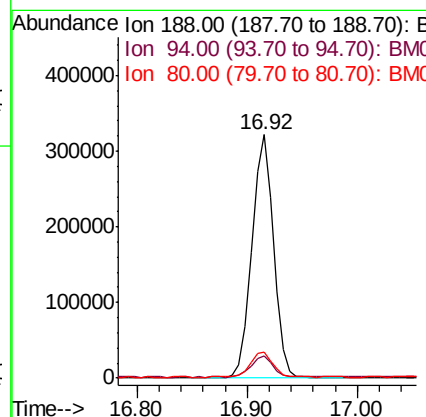
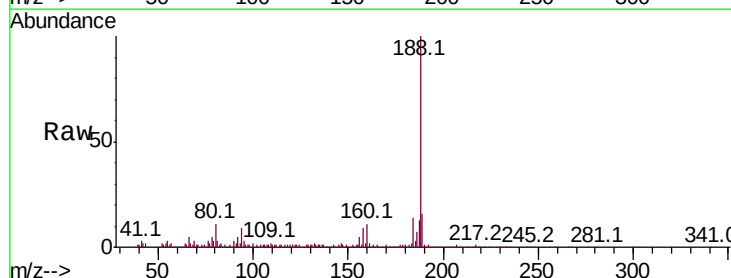
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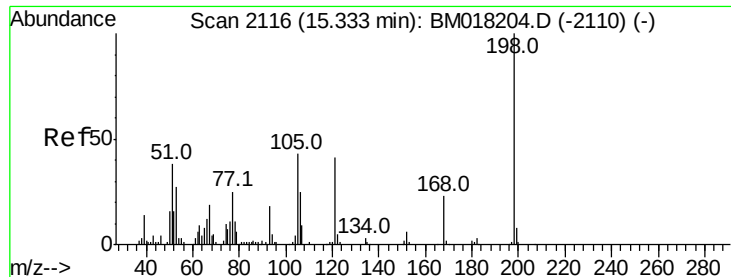
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	8.0	12.0	
80	10.9	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 1.854 ng

RT: 15.33 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

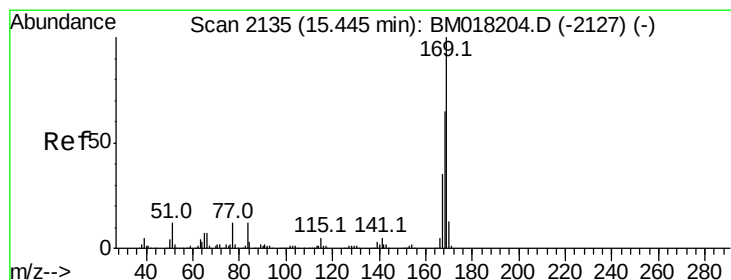
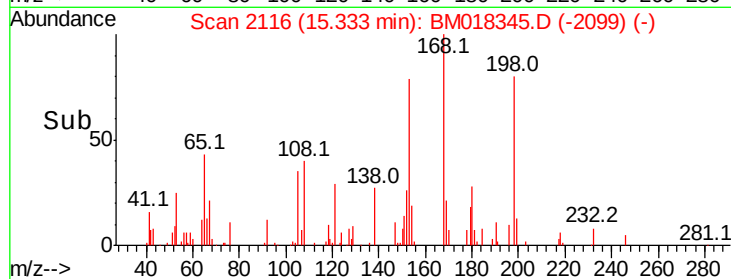
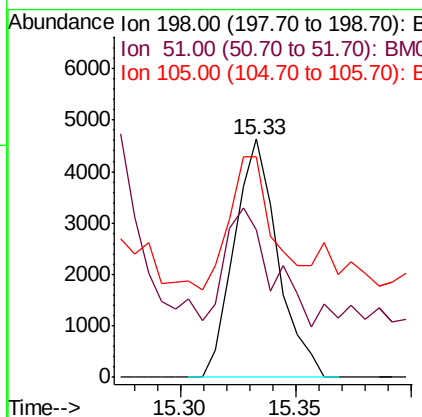
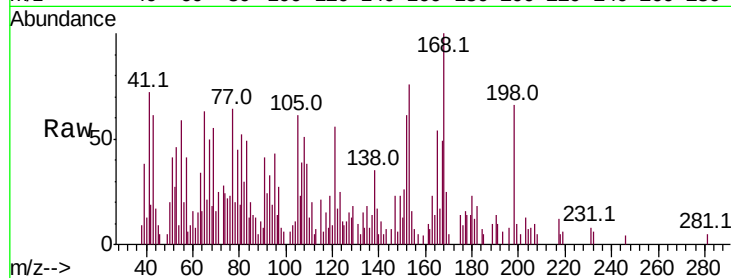
ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:	198	Resp:	6073
Ion Ratio	Lower	Upper	
198	100		
51	61.8	18.6	58.6#
105	92.7	22.9	62.9#

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 44.731 ng

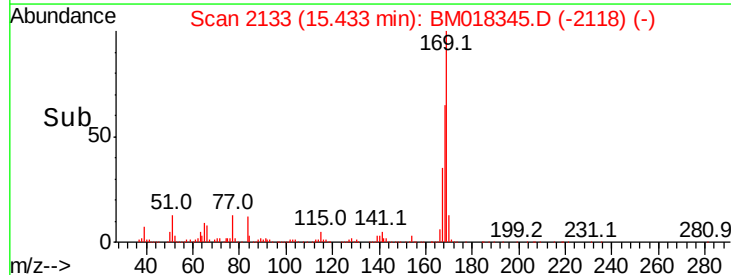
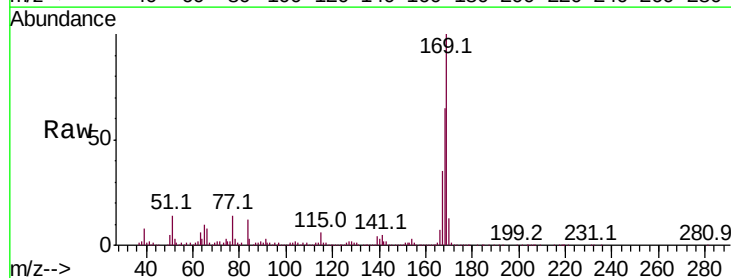
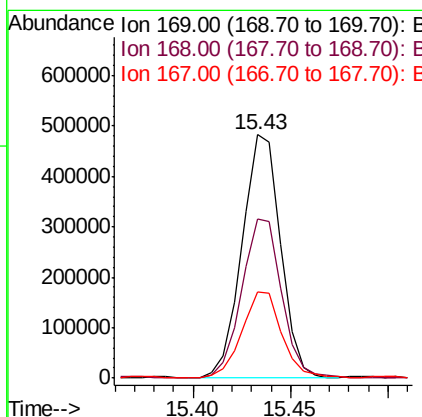
RT: 15.43 min Scan# 2133

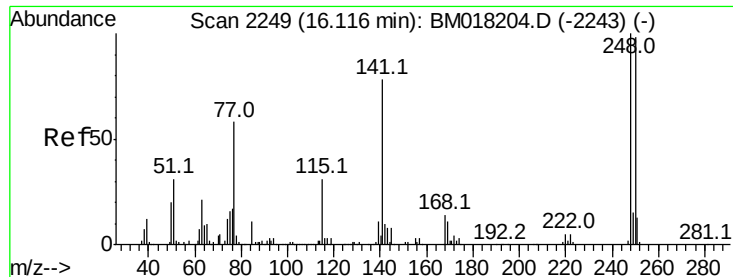
Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion:	169	Resp:	658335
Ion Ratio	Lower	Upper	
169	100		
168	65.3	52.2	78.4
167	35.5	27.6	41.4





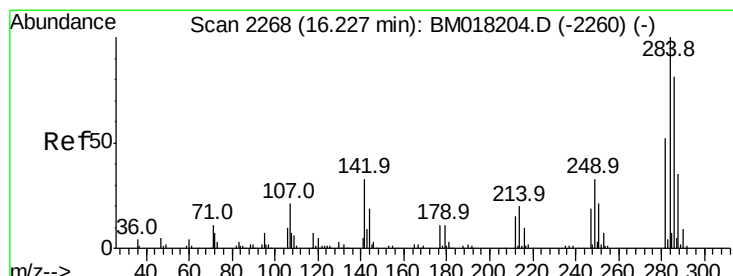
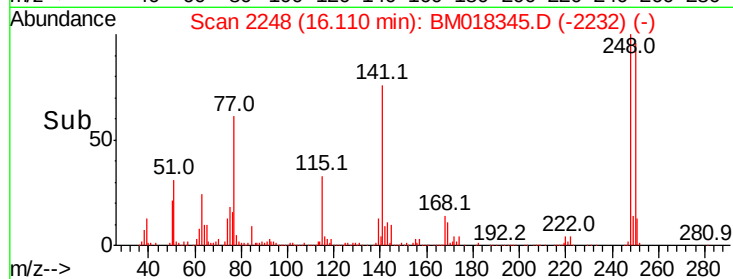
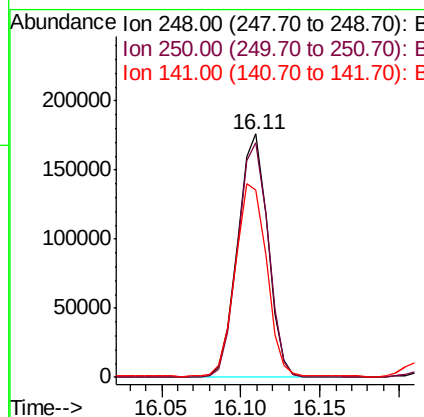
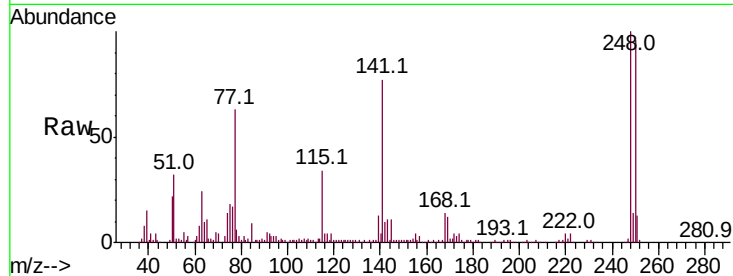
#67
4-Bromophenyl-phenylether
Concen: 43.110 ng
RT: 16.11 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.7	118.1
141	76.7	62.2	93.4

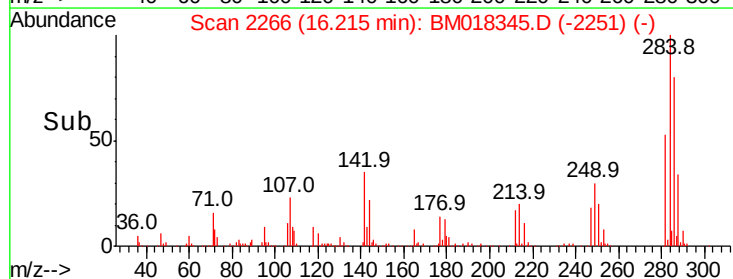
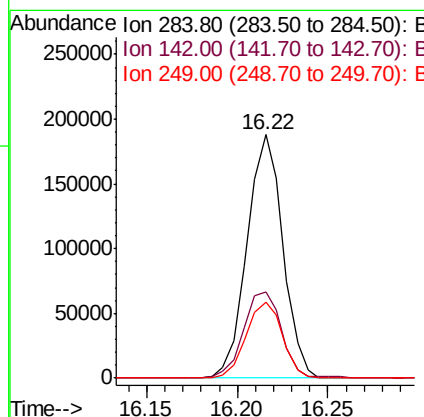
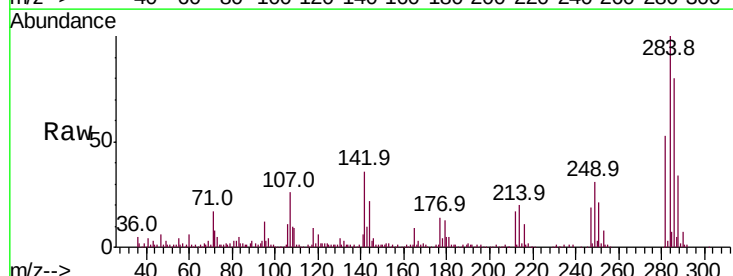
Manual Integrations
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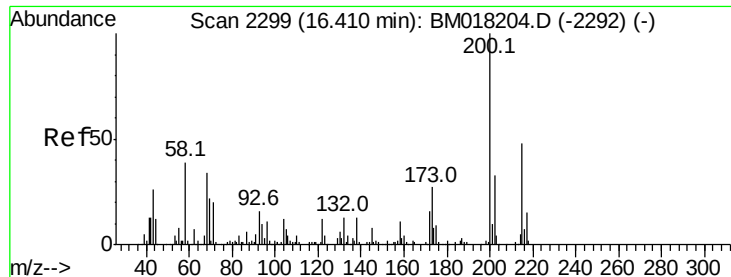
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#68
Hexachlorobenzene
Concen: 43.601 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	26.2	39.4
249	31.4	26.2	39.2





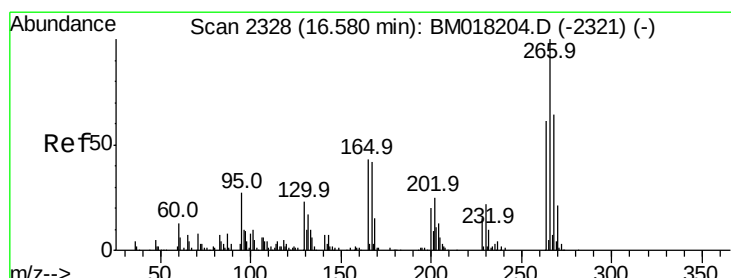
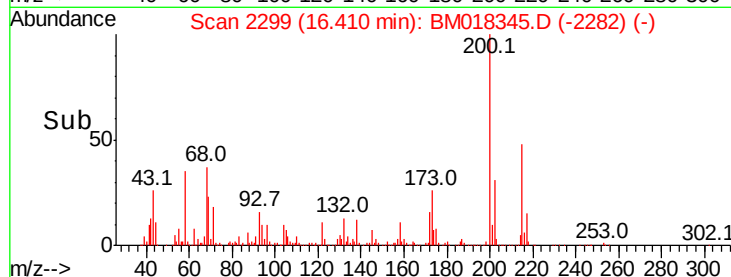
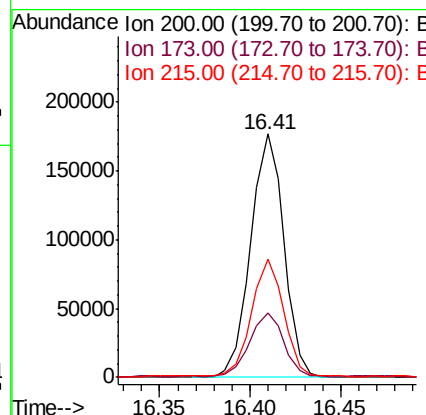
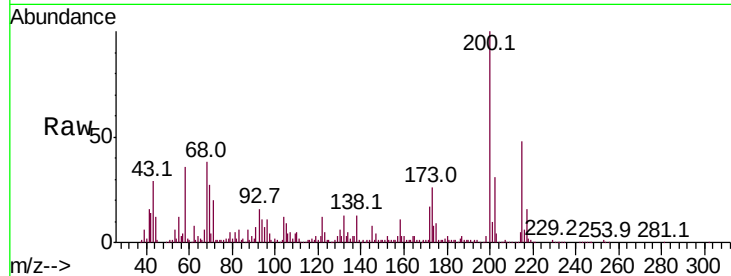
#69
Atrazine
Concen: 45.455 ng
RT: 16.41 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	225849		
173	26.4	6.9	46.9	
215	48.3	27.9	67.9	

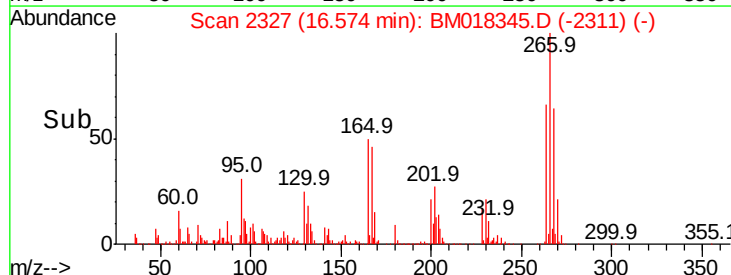
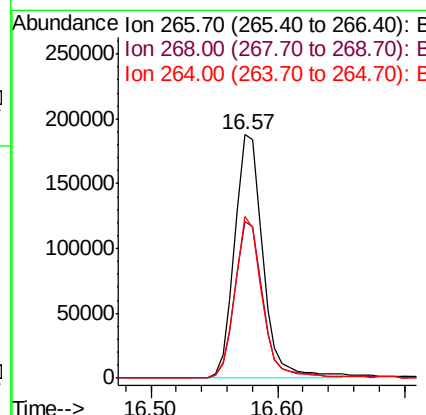
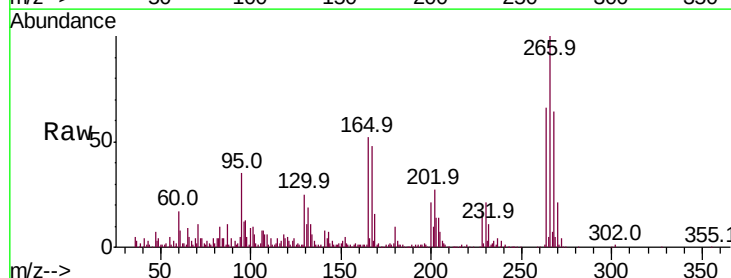
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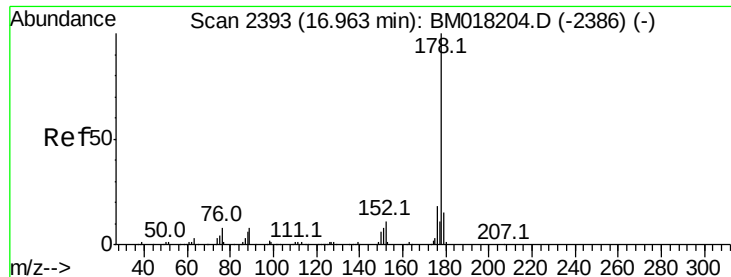
Sohil
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#70
Pentachlorophenol
Concen: 74.598 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	290927		
268	64.3	51.1	76.7	
264	66.4	49.0	73.4	





#71

Phenanthrene

Concen: 68.032 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:178 Resp: 1644673

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

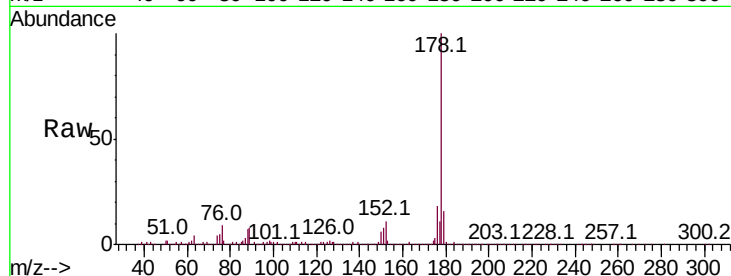
179 15.7 12.0 18.0

Manual Integrations

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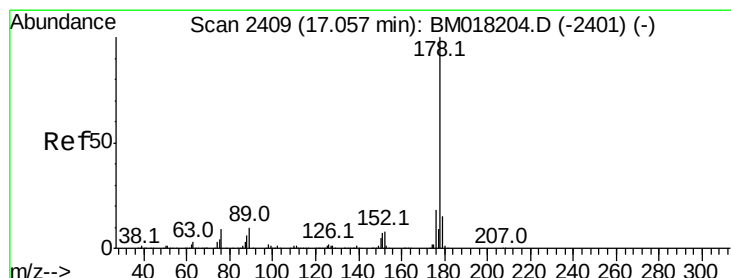
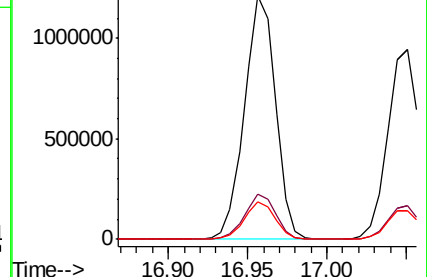
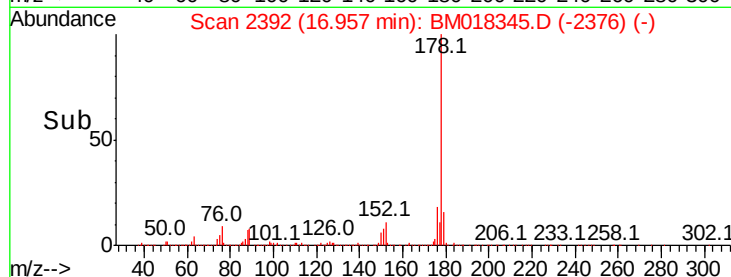
12/21/2018 4:37:03 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.589 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

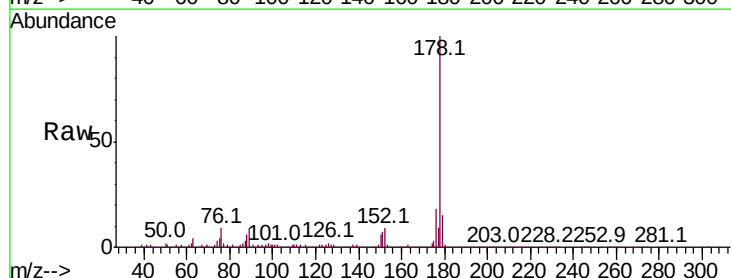
Tgt Ion:178 Resp: 1309217

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

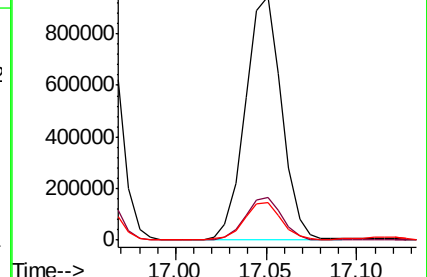
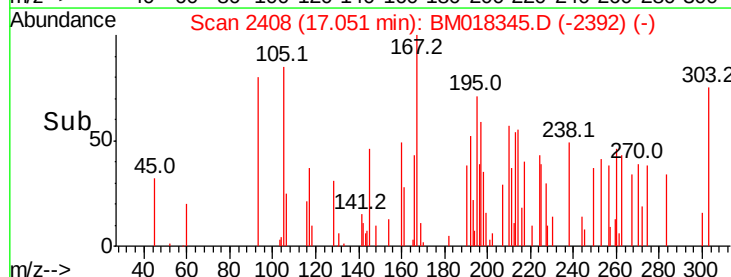
179 15.3 12.0 18.0

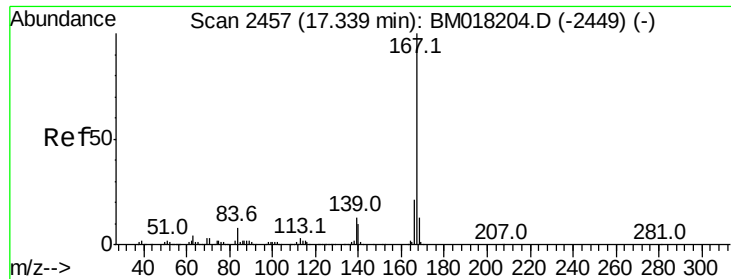


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





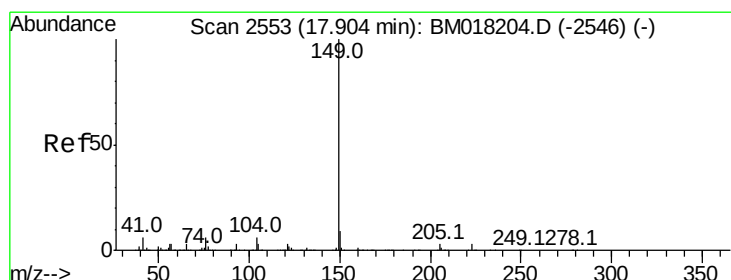
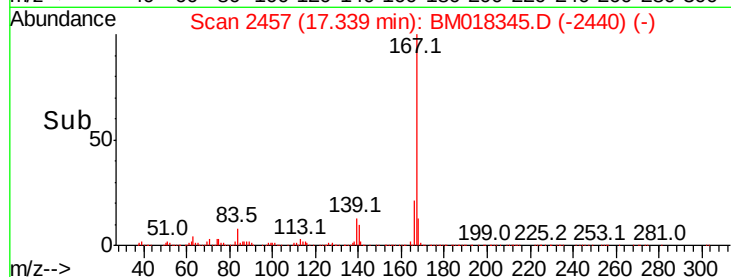
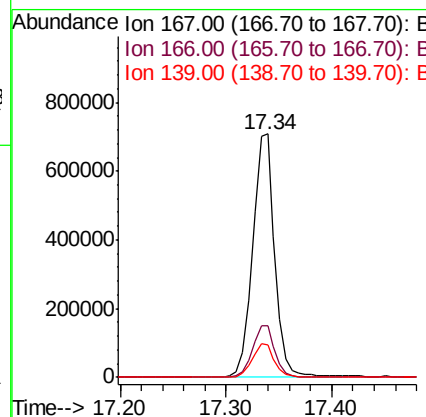
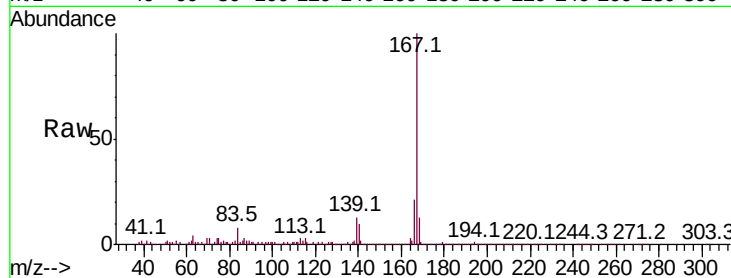
#73
 Carbazole
 Concen: 41.558 ng
 RT: 17.34 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	13.1	10.3	15.5

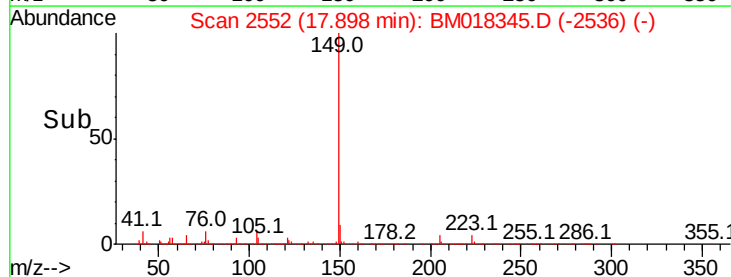
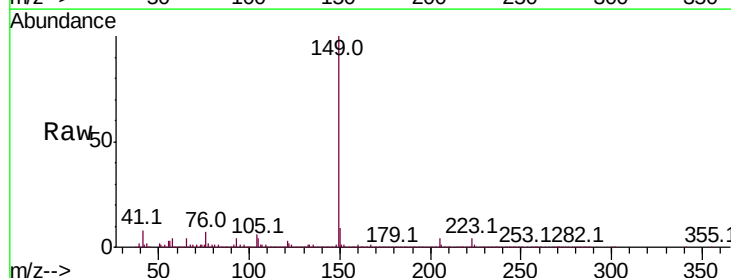
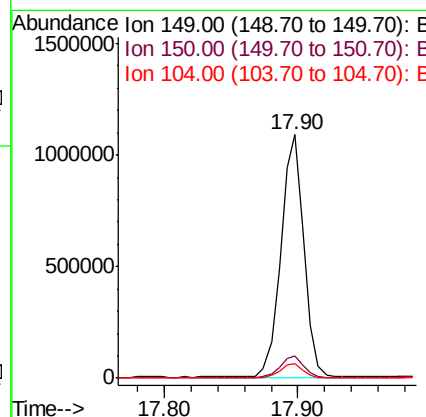
Manual Integrations
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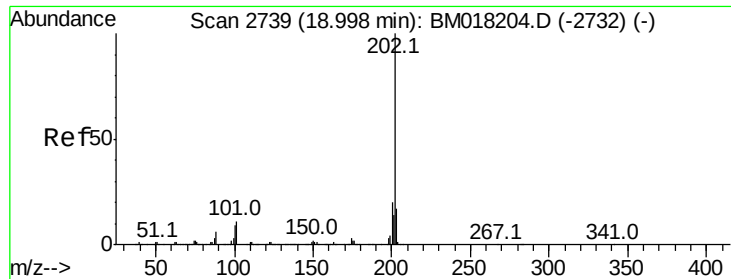
Sohil
 12/21/2018 4:37:03 PM



#74
 Di-n-butylphthalate
 Concen: 42.848 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	6.1	4.8	7.2





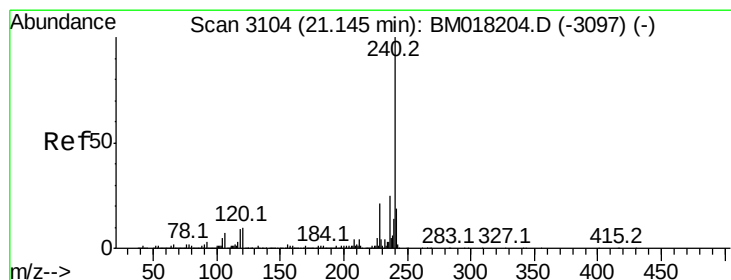
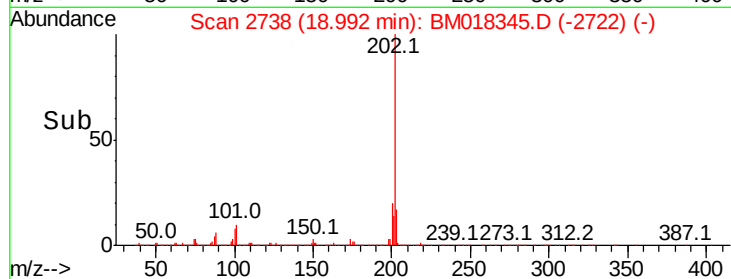
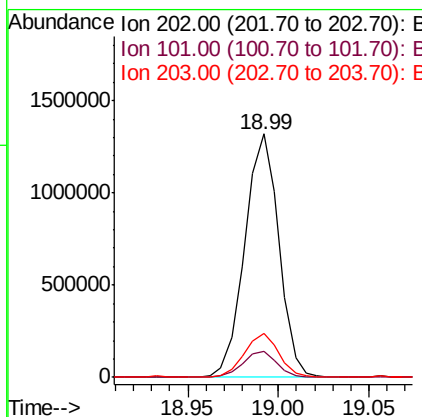
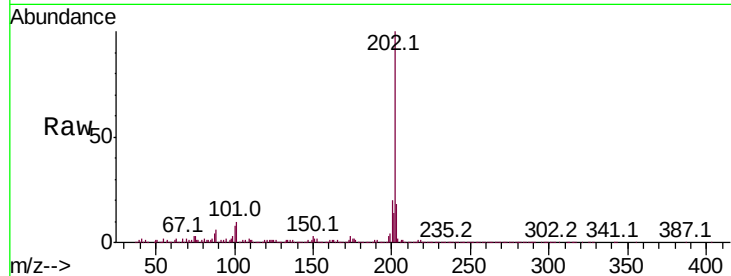
#75
Fluoranthene
Concen: 61.156 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.5
203	17.9	0.0	37.5

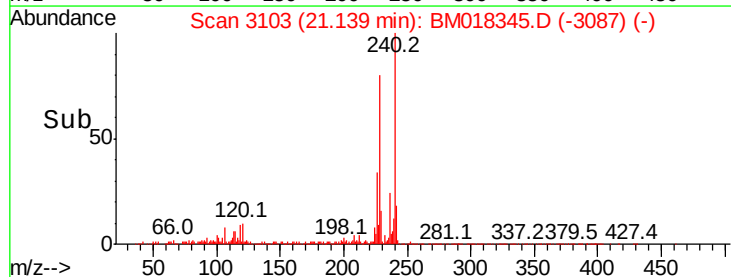
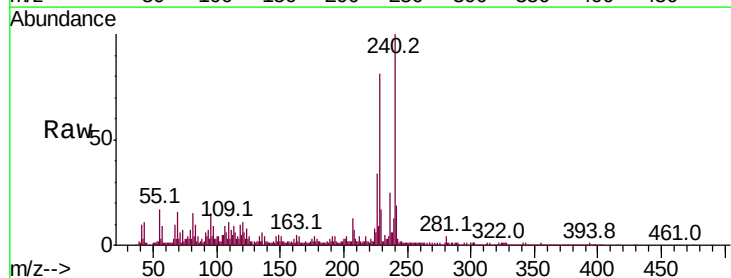
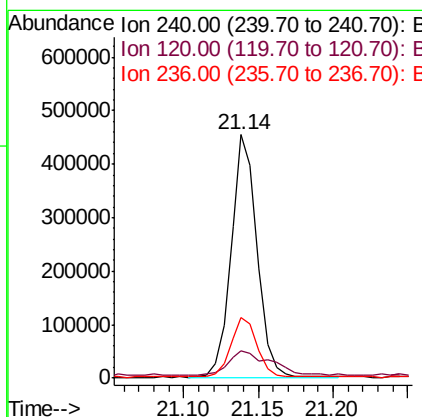
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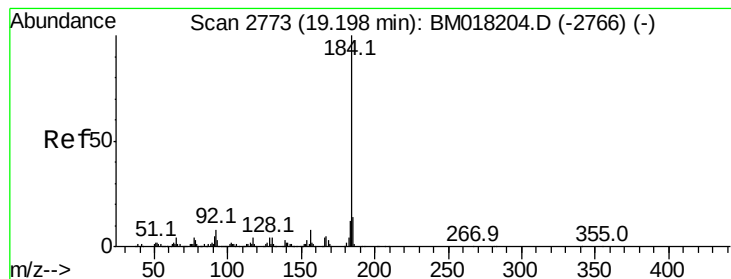
Sohil
12/21/2018 4:37:03 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.2	12.2
236	24.9	20.3	30.5





#77

Benzidine

Concen: 0.194 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

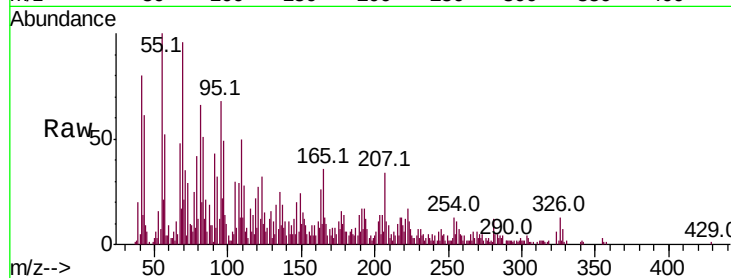
ClientSampleId :

P001-SS008-1218-01MSD

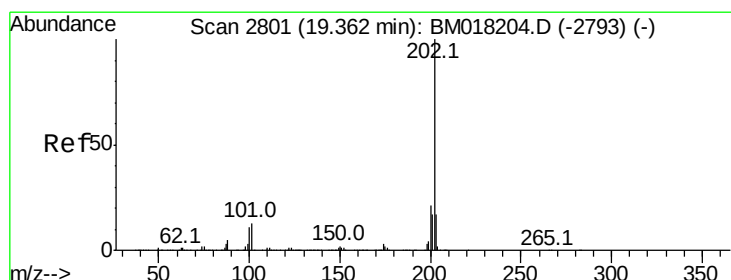
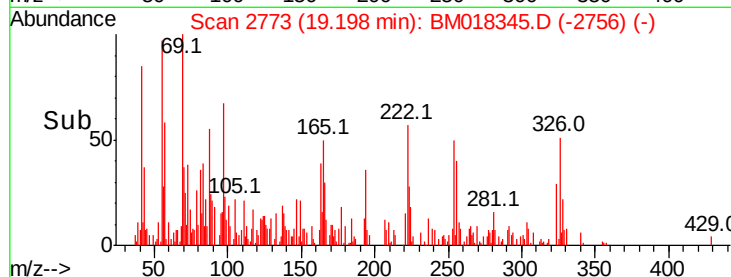
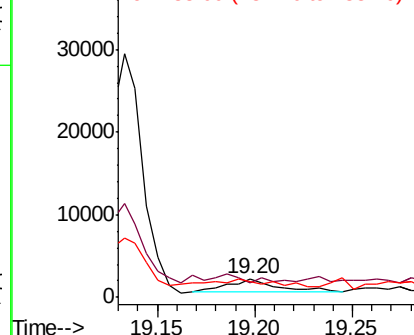
Tot Ion:	184	Resp:	2688
Ion Ratio	Lower	Upper	
184	100		
185	78.7	11.4	17.2#
183	87.8	9.7	14.5#

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



#78

Pyrene

Concen: 63.395 ng

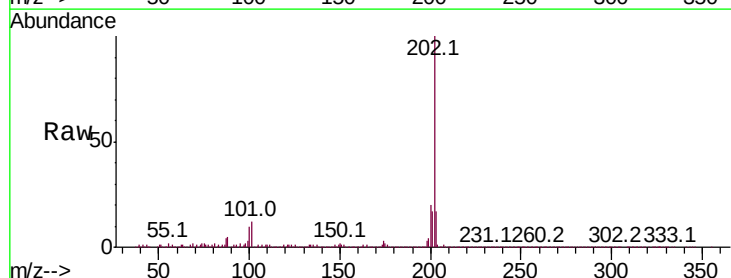
RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

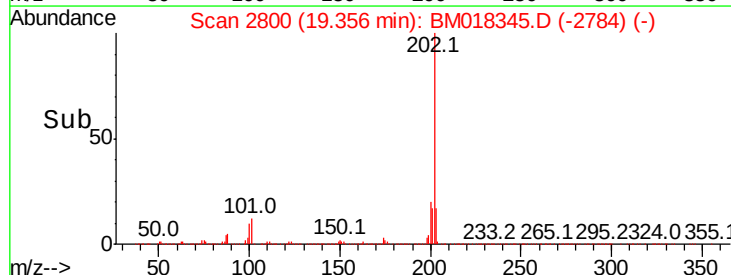
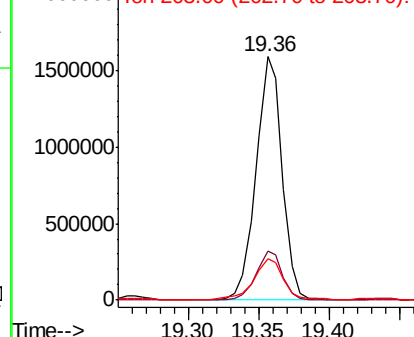
Lab File: BM018345.D

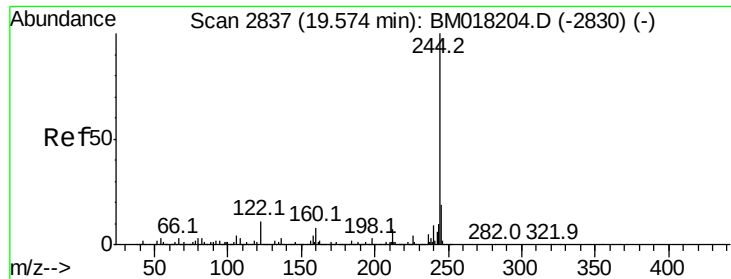
Acq: 21 Dec 2018 00:12

Tgt Ion:	202	Resp:	2062795
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.5	24.7
203	17.2	14.0	21.0



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





#79

Terphenyl-d14

Concen: 93.001 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:244 Resp: 2245585

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

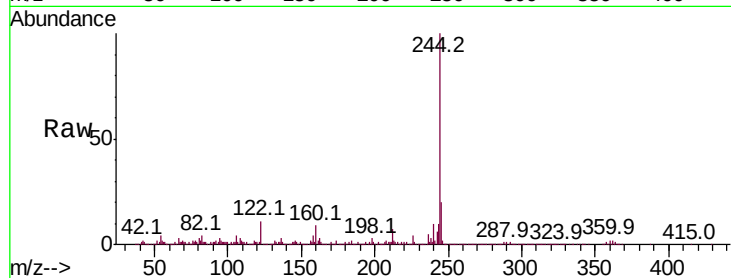
122 10.8 9.0 13.6

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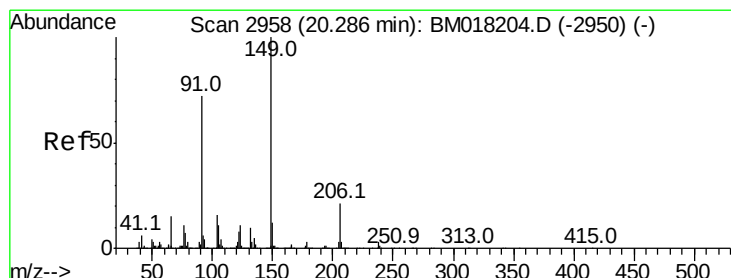
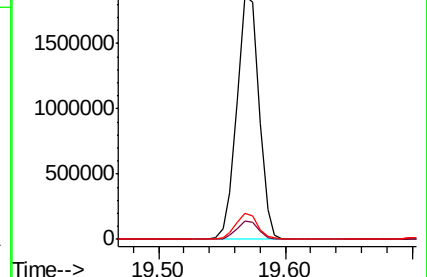
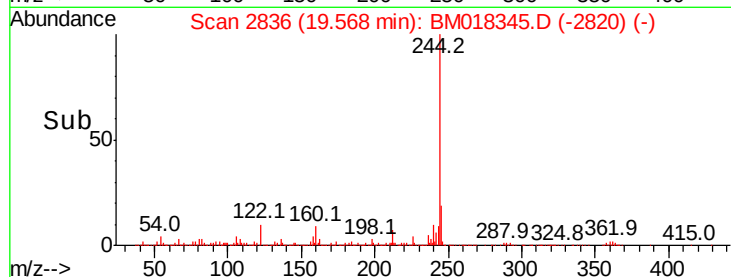
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.365 ng

RT: 20.28 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

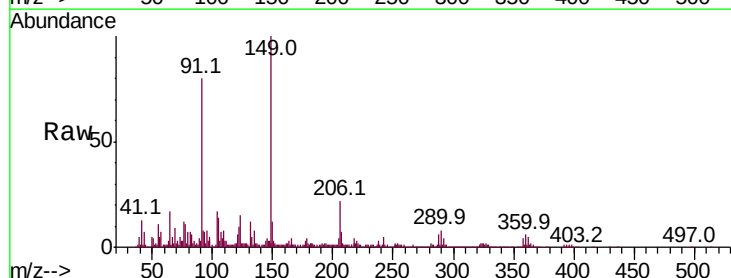
Tgt Ion:149 Resp: 640324

Ion Ratio Lower Upper

149 100

91 79.8 57.4 86.2

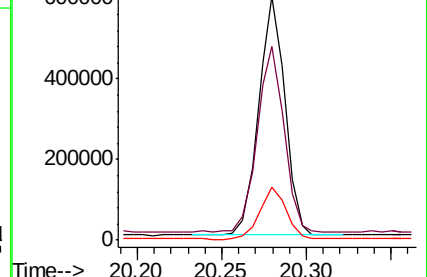
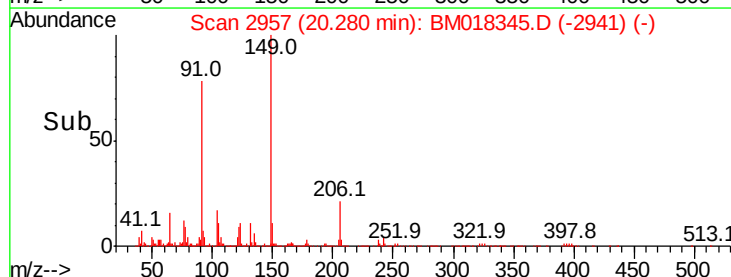
206 21.7 17.0 25.4

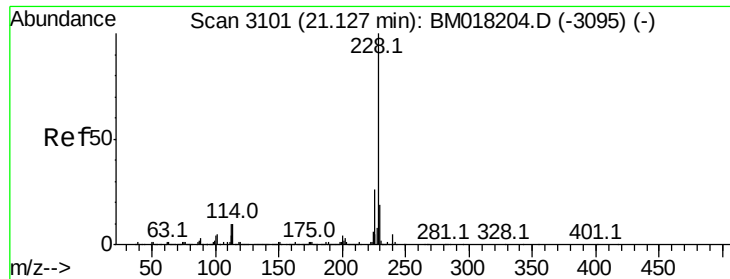


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.972 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

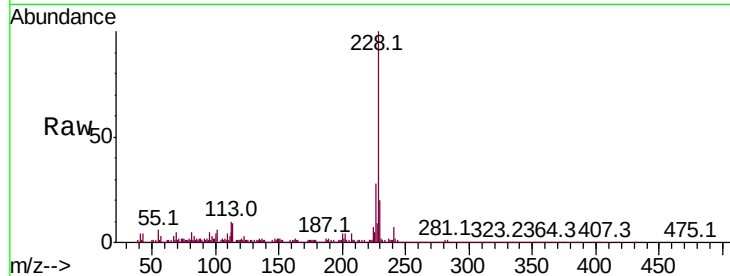
ClientSampleId :

P001-SS008-1218-01MSD

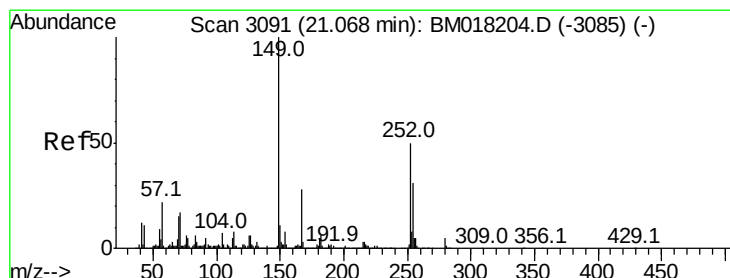
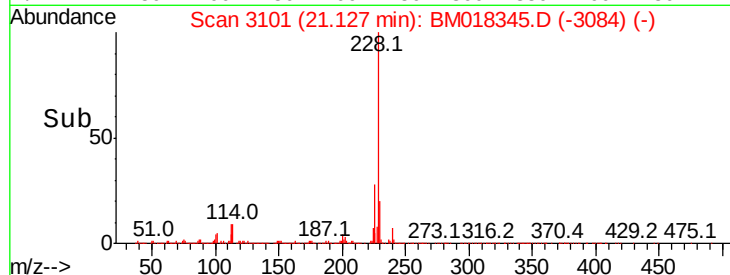
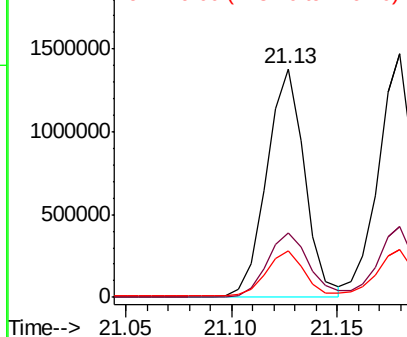
Tot Ion:	228	Resp:	1721699
Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.0	31.4
229	20.3	15.5	23.3

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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.046 ng

RT: 21.08 min Scan# 3093

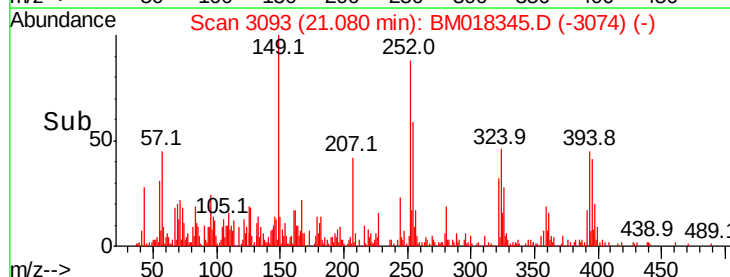
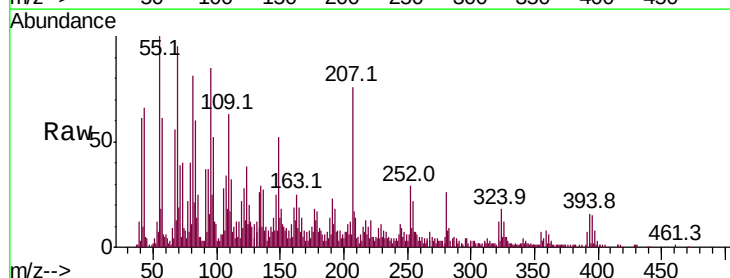
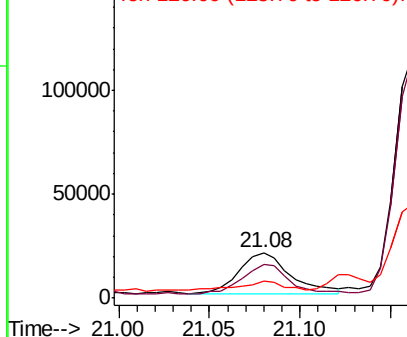
Delta R.T. 0.01 min

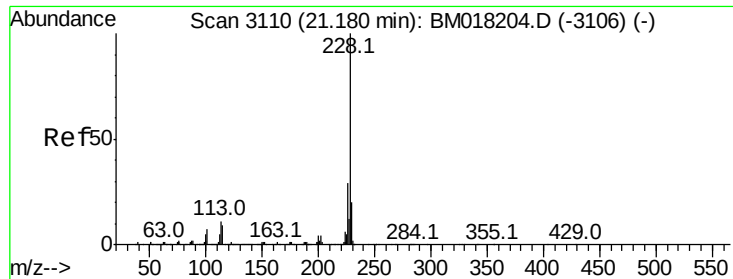
Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion:	252	Resp:	38814
Ion	Ratio	Lower	Upper
252	100		
254	73.0	50.4	75.6
126	36.4	9.4	14.0#

Abundance Ion 252.00 (251.70 to 252.70): E
150000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





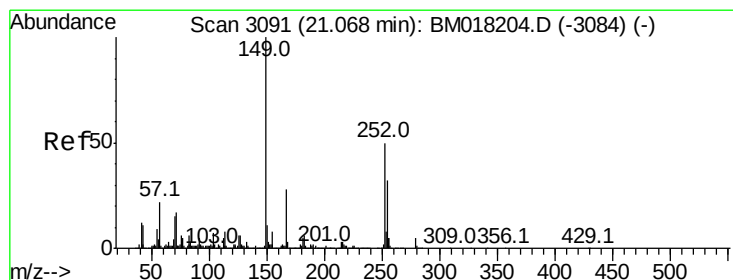
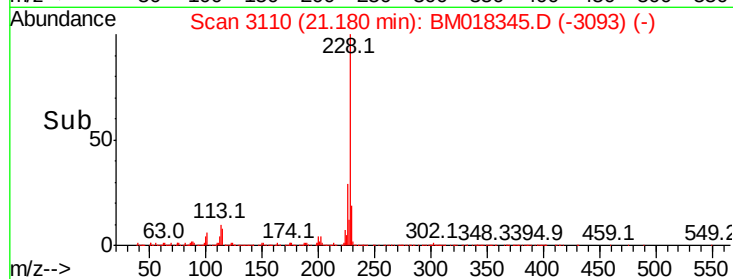
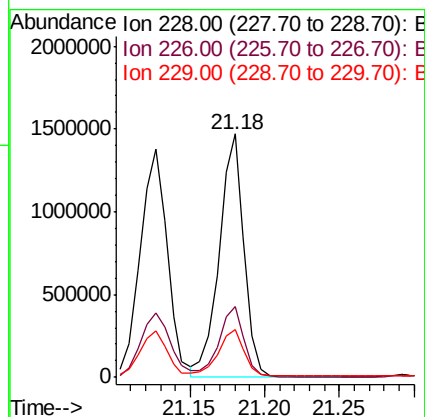
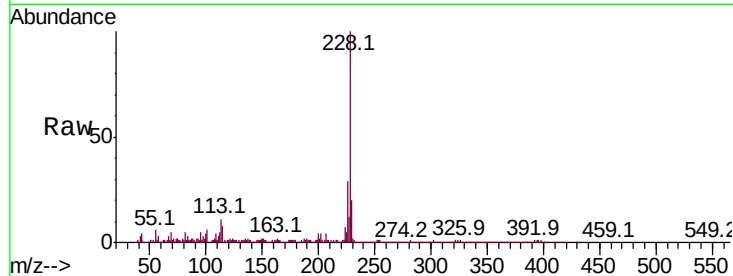
#83
Chrysene
Concen: 55.248 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	19.9	15.8	23.6

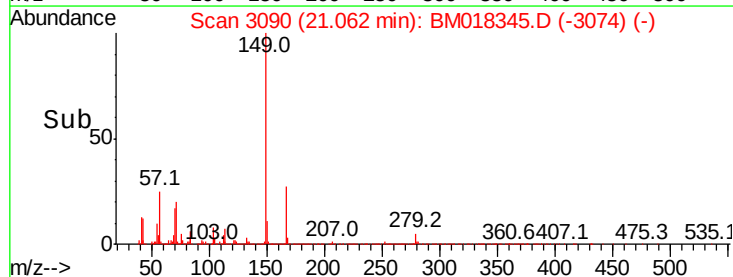
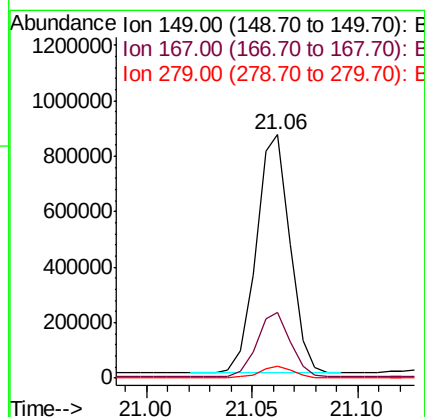
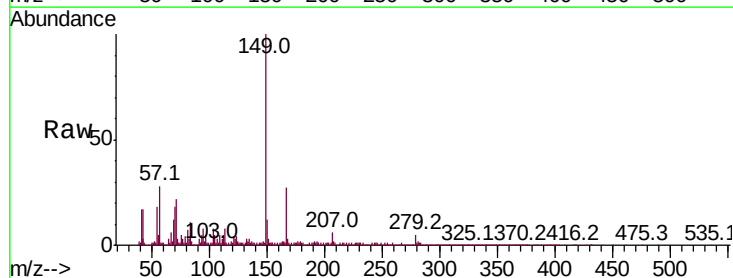
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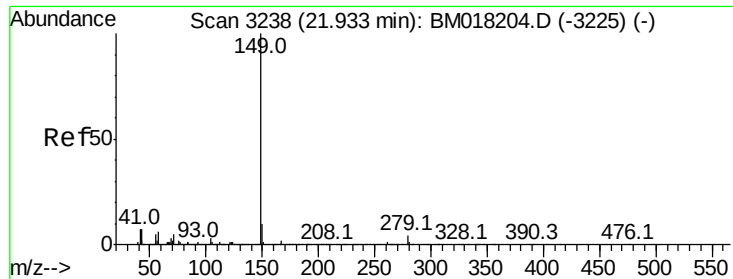
Sohil
12/21/2018 4:37:03 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.425 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.7	34.1
279	4.9	3.9	5.9





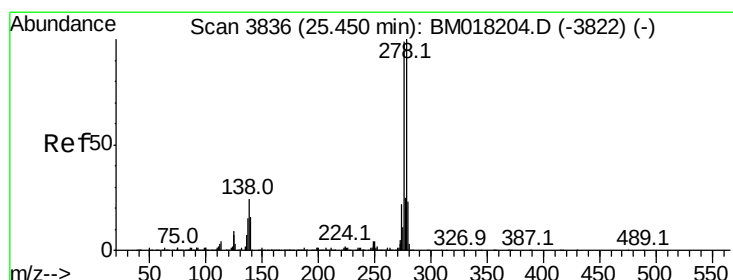
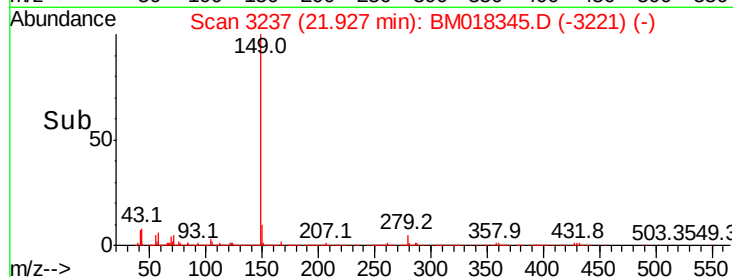
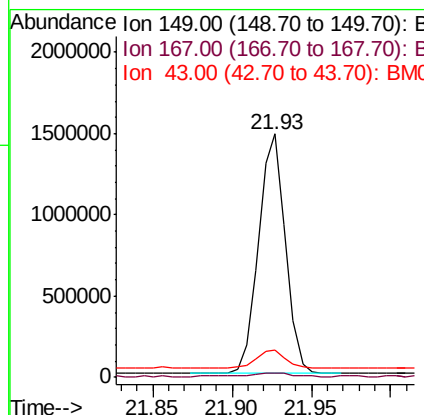
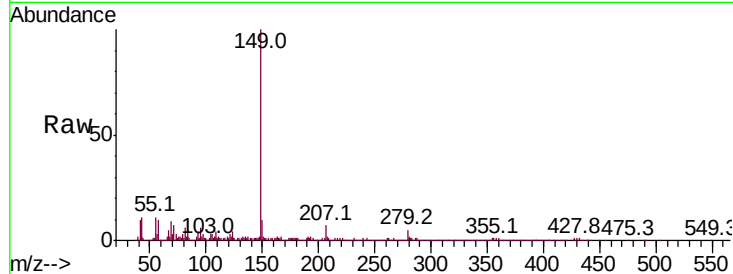
#85
Di-n-octyl phthalate
Concen: 45.961 ng
RT: 21.93 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.9	6.2	9.4

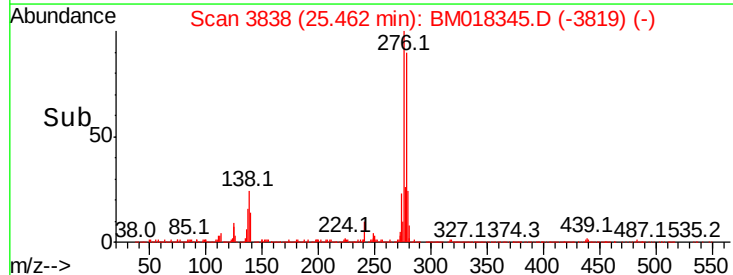
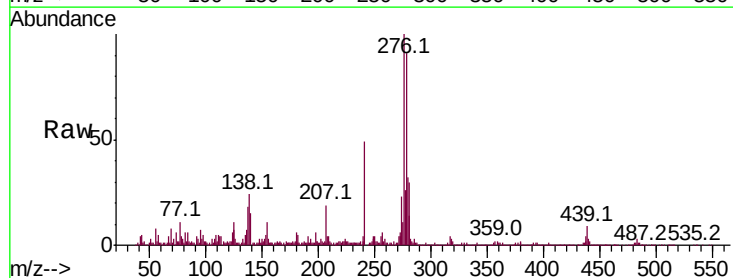
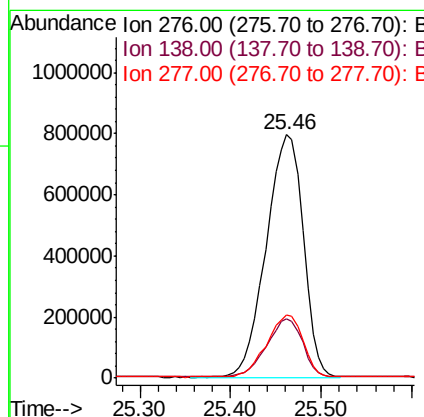
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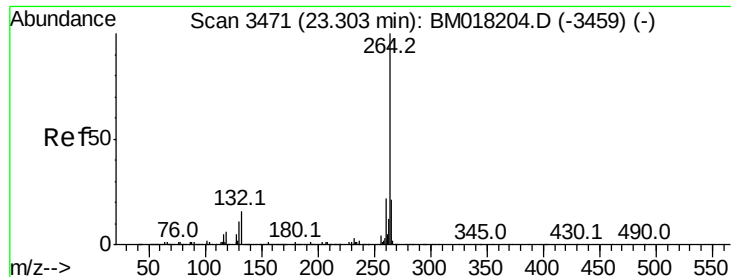
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 73.554 ng
RT: 25.46 min Scan# 3838
Delta R.T. 0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.6	28.0
277	25.0	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3472

Delta R.T. 0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Instrument :

BNA_M

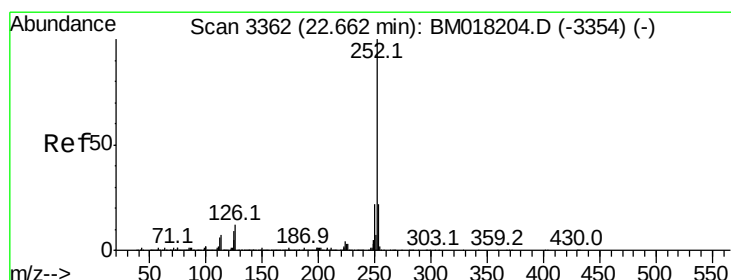
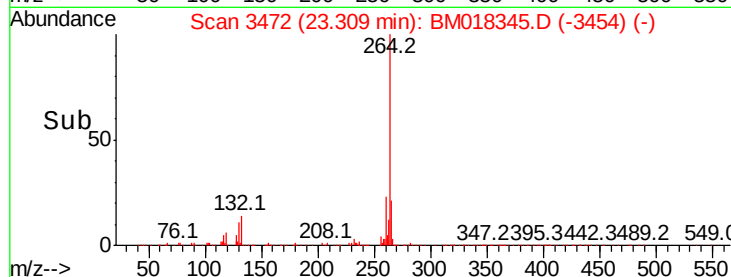
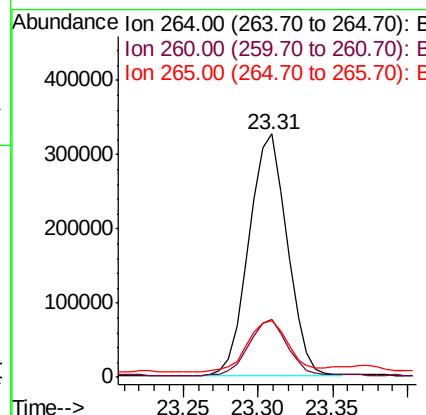
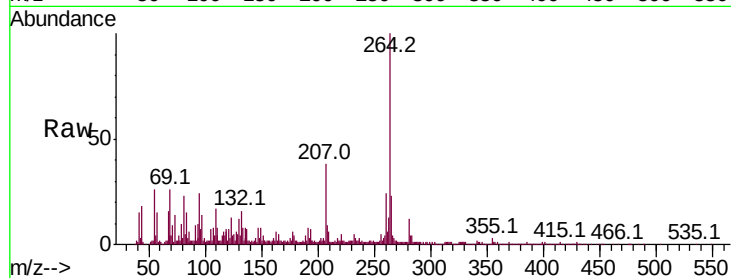
ClientSampleId :

P001-SS008-1218-01MSD

Tot Ion:	264	Resp:	581026
Ion Ratio	Lower	Upper	
264	100		
260	23.6	17.5	26.3
265	23.4	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 52.221 ng

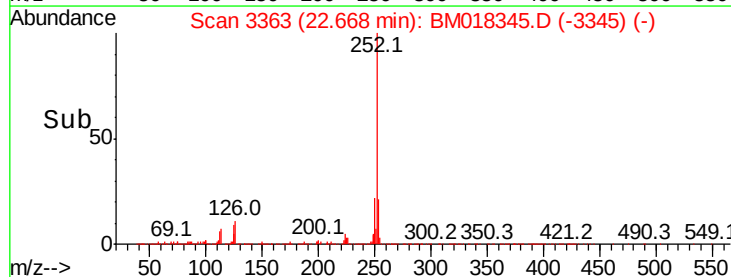
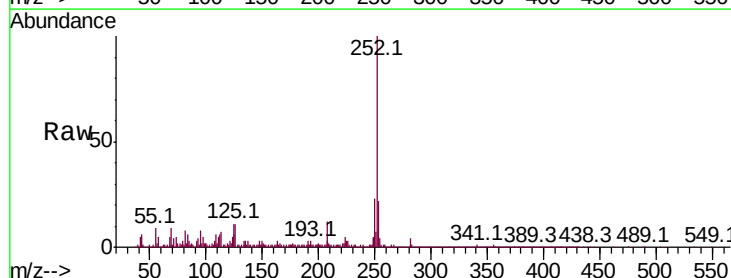
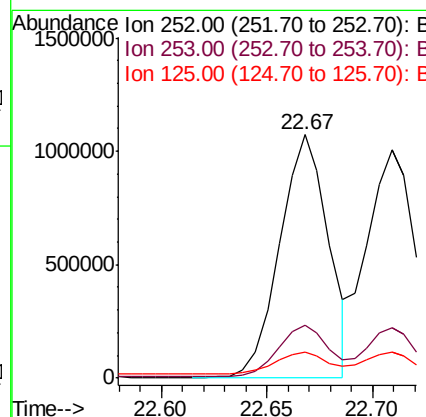
RT: 22.67 min Scan# 3363

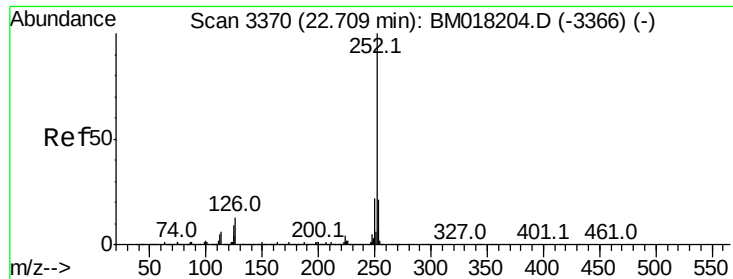
Delta R.T. 0.01 min

Lab File: BM018345.D

Acq: 21 Dec 2018 00:12

Tgt Ion:	252	Resp:	1704380
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	10.7	7.4	11.0





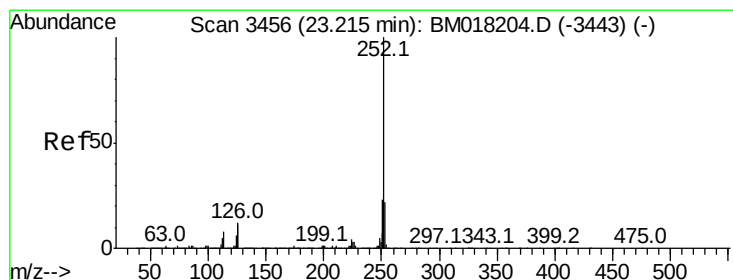
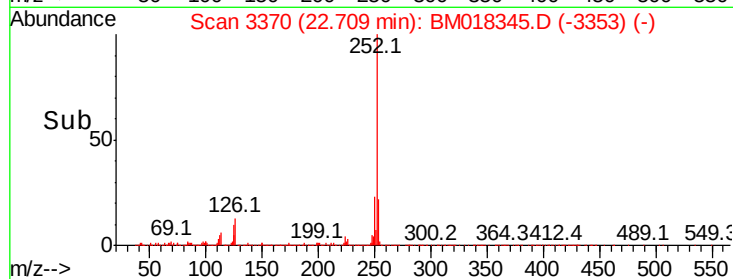
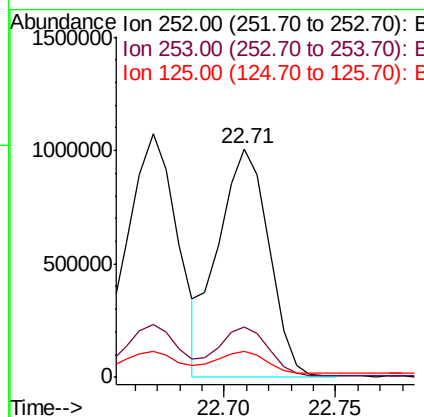
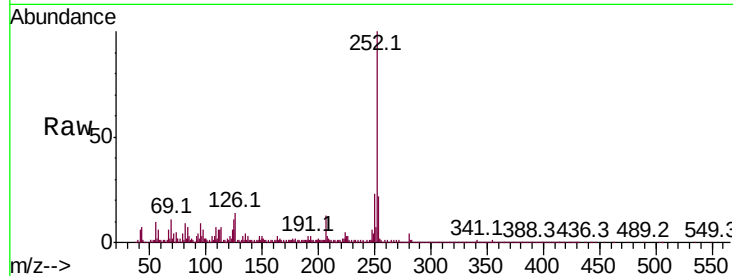
#89
Benzo(k)fluoranthene
Concen: 48.889 ng m
RT: 22.71 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.9	25.3
125	11.4	7.5	11.3

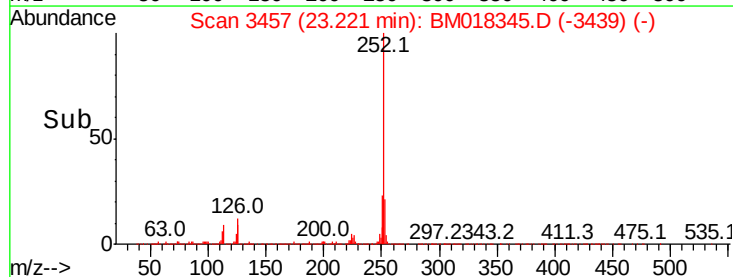
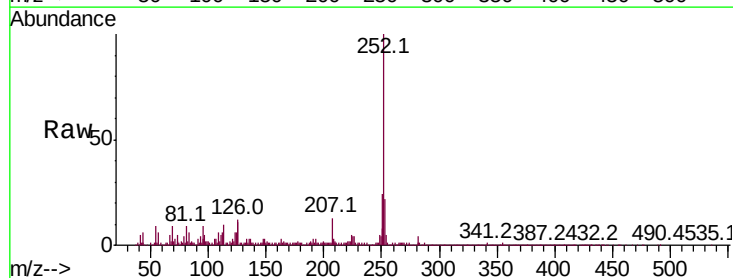
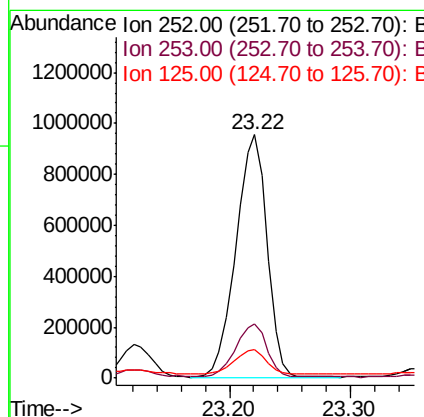
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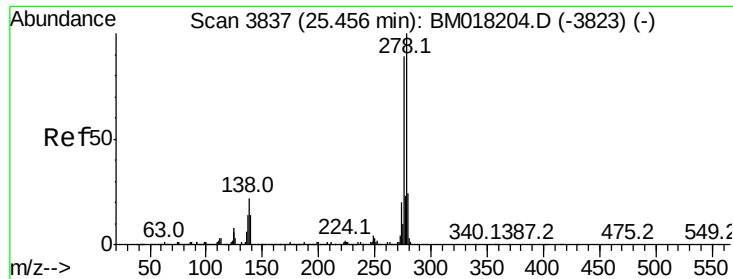
Sohil
12/21/2018 4:37:03 PM



#90
Benzo(a)pyrene
Concen: 54.828 ng
RT: 23.22 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM018345.D
Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.5	8.6	12.8





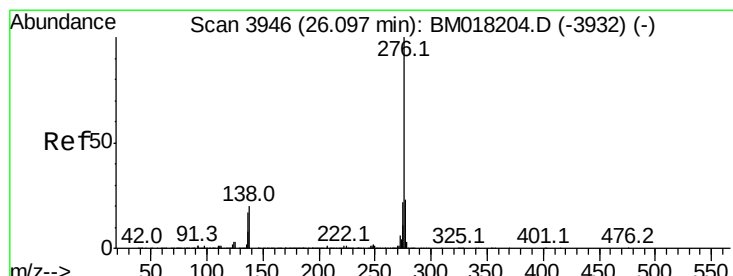
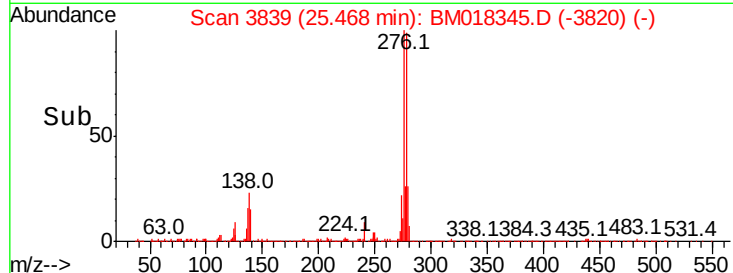
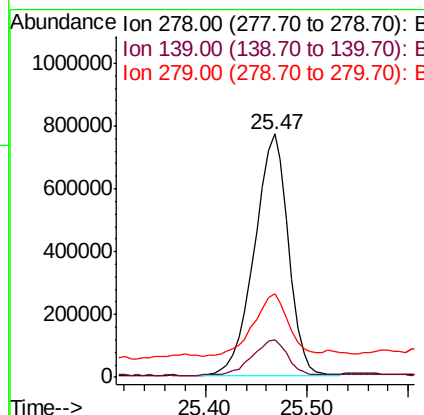
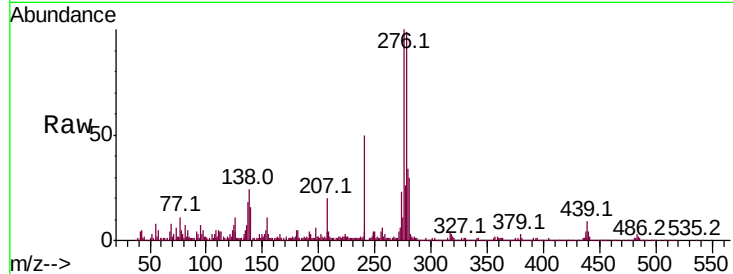
#91
 Dibenzo(a,h)anthracene
 Concen: 62.257 ng
 RT: 25.47 min Scan# 3839
 Delta R.T. 0.01 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1218-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.6	17.4
279	34.4	19.2	28.8

Manual Integrations
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Sohil
 12/21/2018 4:37:03 PM



#92
 Benzo(g,h,i)perylene
 Concen: 80.674 ng
 RT: 26.11 min Scan# 3949
 Delta R.T. 0.02 min
 Lab File: BM018345.D
 Acq: 21 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	20.6	15.8	23.8

