

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018773.D
 Acq On : 12 Feb 2019 15:22
 Operator : JU/SJ
 Sample : PB117038BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Manual Integrations
 APPROVED

Sohil
 2/13/2019 12:20:43 PM

Quant Time: Feb 13 02:41:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	335186	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1378617	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	791910	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1837829	20.00	ng	0.00
76) Chrysene-d12	21.31	240	2078547	20.00	ng	0.00
87) Perylene-d12	23.57	264	2041833	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2923263	142.90	ng	0.00
7) Phenol-d6	6.89	99	4145813	143.86	ng	0.00
23) Nitrobenzene-d5	8.89	82	2142537	71.86	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1788832	156.71	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4232378	70.95	ng	0.00
79) Terphenyl-d14	19.75	244	7898010	78.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	364797	40.942	ng	99
3) Pyridine	3.66	79	1111562	45.736	ng	98
4) n-Nitrosodimethylamine	3.58	42	302618	48.945	ng	100
6) Aniline	7.06	93	1585140	44.891	ng	99
8) 2-Chlorophenol	7.28	128	959076	42.701	ng	97
9) Benzaldehyde	6.87	77	859466	63.716	ng	99
10) Phenol	6.92	94	1311574	43.253	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	973150	42.071	ng	98
12) 1,3-Dichlorobenzene	7.60	146	1040613	41.204	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1055993	41.071	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1020427	41.318	ng	99
15) Benzyl Alcohol	7.96	79	988456	43.165	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	915538	40.894	ng	98
17) 2-Methylphenol	8.16	107	831904	43.104	ng	98
18) Hexachloroethane	8.78	117	395492	42.138	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	937605	42.019	ng	100
20) 3+4-Methylphenols	8.49	107	1150617	43.174	ng	98
22) Acetophenone	8.55	105	1554540	41.061	ng	# 99
24) Nitrobenzene	8.93	77	1312097	42.396	ng	98
25) Isophorone	9.45	82	2360692	49.622	ng	100
26) 2-Nitrophenol	9.63	139	541284	43.918	ng	99
27) 2,4-Dimethylphenol	9.69	122	875157	48.617	ng	98
28) bis(2-Chloroethoxy)methane	9.93	93	1360921	44.238	ng	99
29) 2,4-Dichlorophenol	10.16	162	905136	43.791	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	991828	41.551	ng	99
31) Naphthalene	10.56	128	3019495	44.909	ng	99
32) Benzoic acid	9.85	122	615818	39.218	ng	98
33) 4-Chloroaniline	10.68	127	1321854	43.980	ng	99
34) Hexachlorobutadiene	10.82	225	550037	39.699	ng	99
35) Caprolactam	11.50	113	323168m	38.310	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1075341	43.151	ng	99
37) 2-Methylnaphthalene	12.17	142	2209039	46.665	ng	100
38) 1-Methylnaphthalene	12.39	142	2094276	45.241	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1057866	41.759	ng	99

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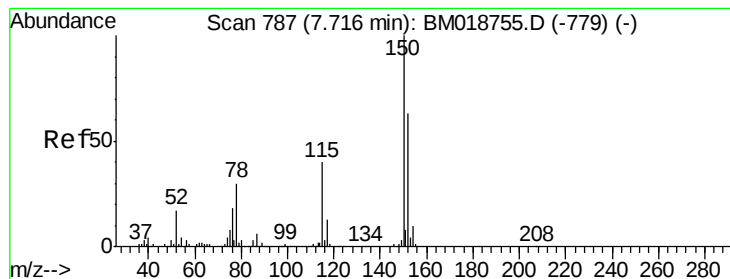
Manual Integrations
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Sohil
 2/13/2019 12:20:43 PM

Quant Time: Feb 13 02:41:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1436899	110.942	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	741624	44.223	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	792013	45.059	ng	97
46) 1,1'-Biphenyl	13.19	154	2769621	40.631	ng	100
47) 2-Chloronaphthalene	13.24	162	2170314	41.221	ng	100
48) 2-Nitroaniline	13.46	65	783844	44.826	ng	97
49) Acenaphthylene	14.09	152	3566859	45.497	ng	100
50) Dimethylphthalate	13.83	163	2845745	43.119	ng	100
51) 2,6-Dinitrotoluene	13.96	165	629935	44.062	ng	99
52) Acenaphthene	14.43	154	2043168	42.503	ng	99
53) 3-Nitroaniline	14.29	138	676740	41.894	ng	97
54) 2,4-Dinitrophenol	14.50	184	816161	89.251	ng	96
55) Dibenzofuran	14.77	168	3339968	42.271	ng	99
56) 4-Nitrophenol	14.61	139	1143916	88.710	ng	99
57) 2,4-Dinitrotoluene	14.75	165	902164	45.800	ng	98
58) Fluorene	15.42	166	2749574	45.487	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	733098	47.185	ng	100
60) Diethylphthalate	15.20	149	2952860	43.374	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1374609	40.559	ng	97
62) 4-Nitroaniline	15.47	138	693029	43.762	ng	98
63) Azobenzene	15.71	77	3128839	42.864	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	522593	40.500	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2419825	41.675	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	831168	40.404	ng	99
68) Hexachlorobenzene	16.42	284	956250	39.992	ng	97
69) Atrazine	16.59	200	827330	44.197	ng	98
70) Pentachlorophenol	16.76	266	1272104	82.627	ng	100
71) Phenanthrene	17.16	178	4362819	44.173	ng	100
72) Anthracene	17.25	178	4456789	46.360	ng	100
73) Carbazole	17.53	167	4117380	40.995	ng	99
74) Di-n-butylphthalate	18.08	149	5121124	44.335	ng	99
75) Fluoranthene	19.18	202	5215078	45.711	ng	98
77) Benzidine	19.39	184	6291564	134.401	ng	99
78) Pyrene	19.54	202	5340649	44.240	ng	99
80) Butylbenzylphthalate	20.45	149	2540892	46.184	ng	97
81) Benzo(a)anthracene	21.30	228	5468983	45.138	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	2169999	45.317	ng	100
83) Chrysene	21.35	228	5065855	43.621	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3657016	45.416	ng	100
85) Di-n-octyl phthalate	22.10	149	6378069	47.128	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5643283	42.089	ng	100
88) Benzo(b)fluoranthene	22.89	252	5571333	47.691	ng	99
89) Benzo(k)fluoranthene	22.94	252	5219753	44.881	ng	100
90) Benzo(a)pyrene	23.47	252	5173765	46.751	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	4822202	43.981	ng	98
92) Benzo(g,h,i)perylene	26.57	276	4412614	43.229	ng	99

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



#1

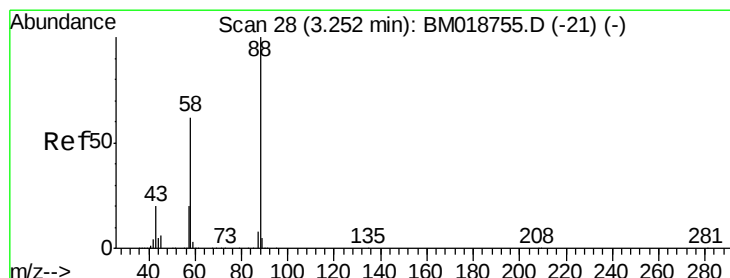
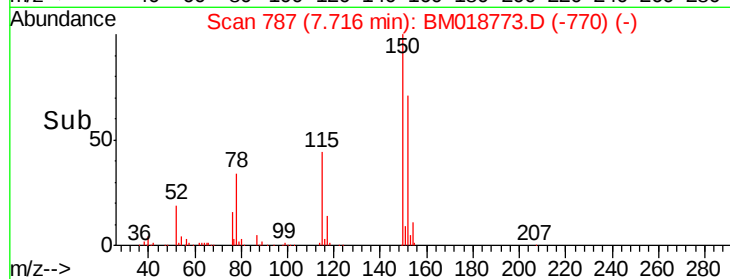
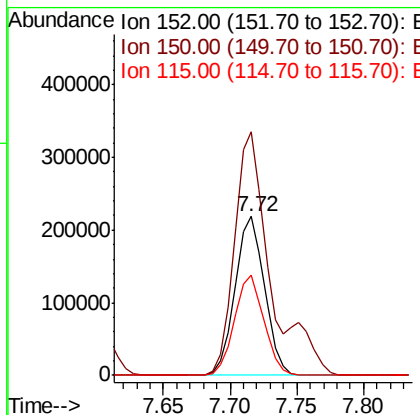
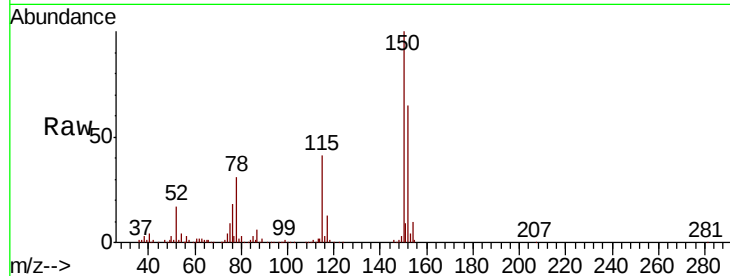
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.3	190.9
115	62.8	50.8	76.2

Manual Integrations
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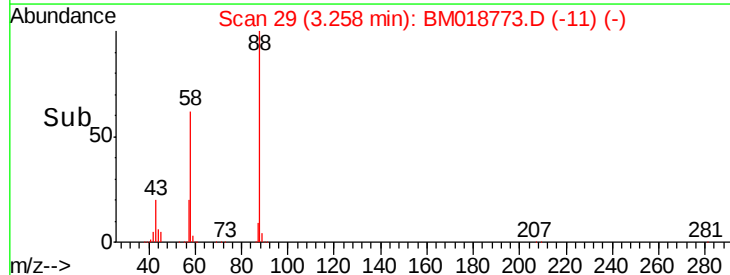
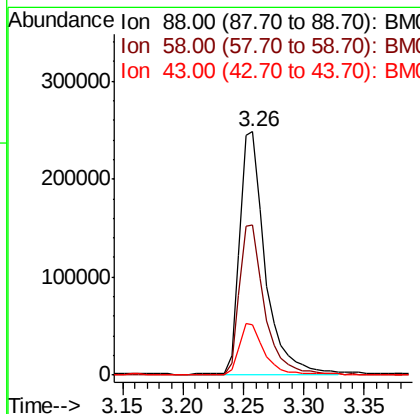
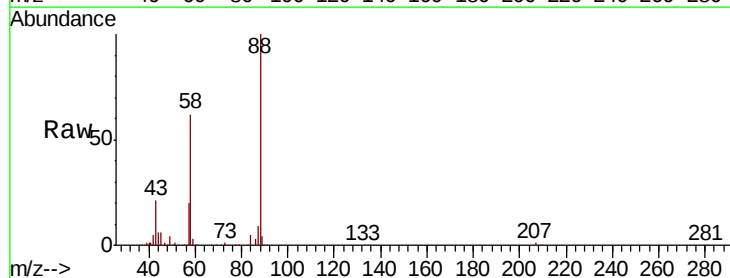
Sohil
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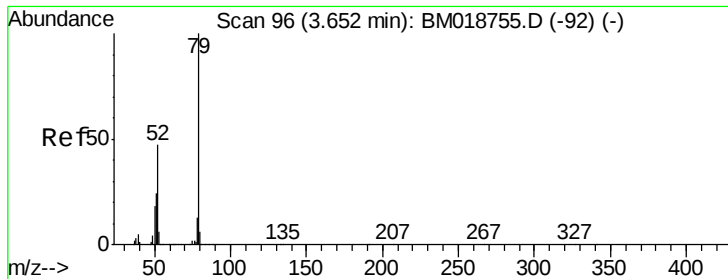


#2

1,4-Dioxane
Concen: 40.942 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	49.8	74.6
43	20.9	16.7	25.1





#3

Pvridine

Concen: 45.736 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion: 79 Resp: 1111562

Ion Ratio Lower Upper

79 100

52 45.7 37.6 56.4

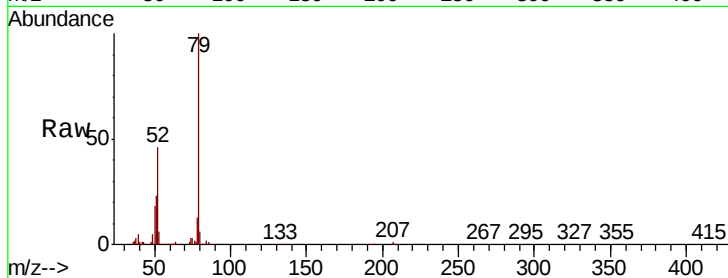
51 23.3 19.7 29.5

Manual Integrations

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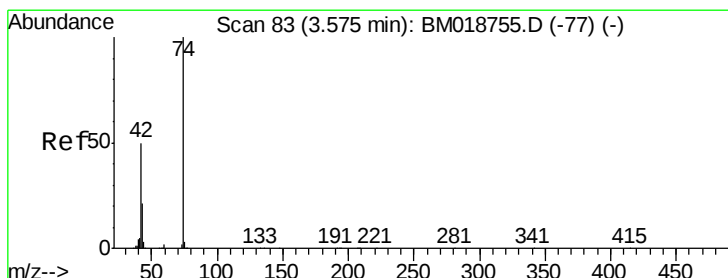
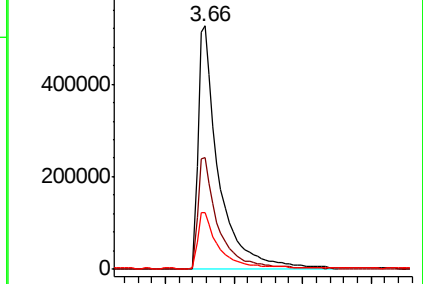
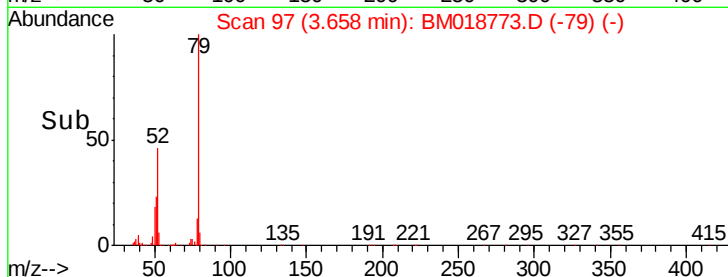
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Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 48.945 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

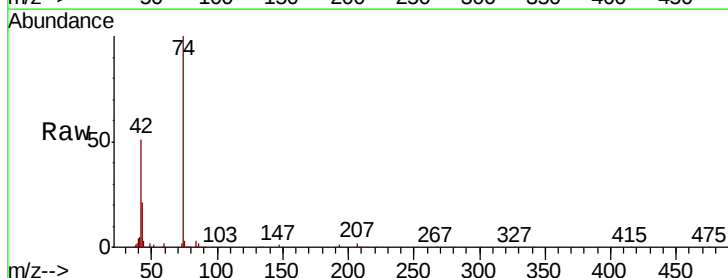
Tgt Ion: 42 Resp: 302618

Ion Ratio Lower Upper

42 100

74 197.5 158.1 237.1

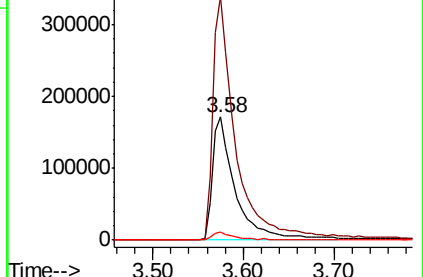
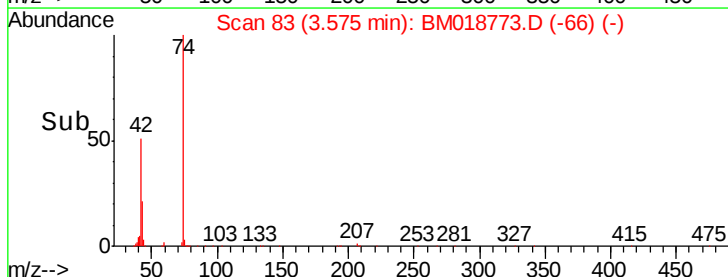
44 6.4 4.9 7.3

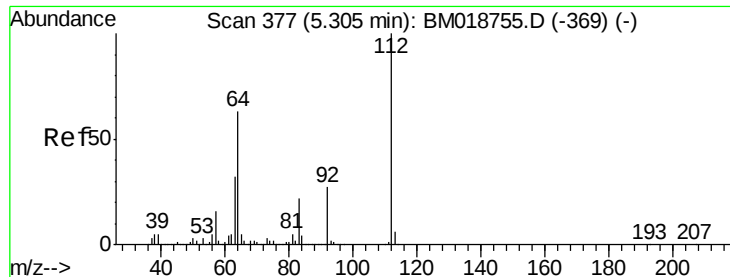


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 142.897 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

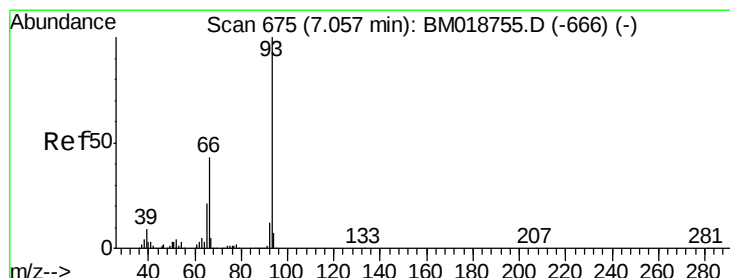
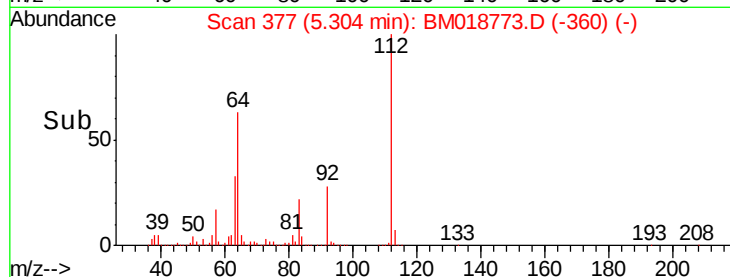
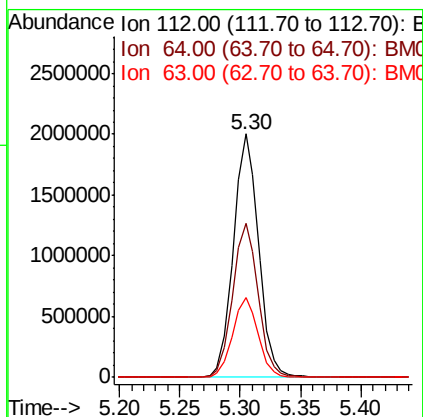
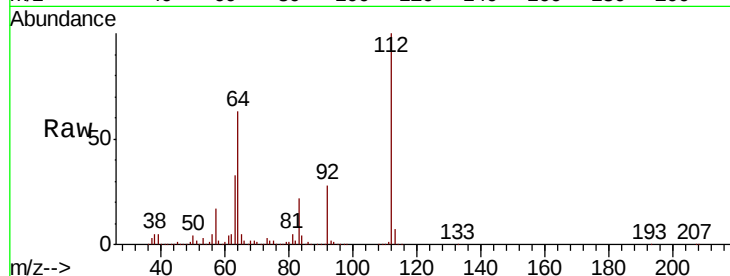
ClientSampleId :

PB117038BSD

Tot Ion:	112	Resp:	2923263
Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.6	75.8
63	32.6	25.7	38.5

Manual Integrations
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#6

Aniline

Concen: 44.891 ng

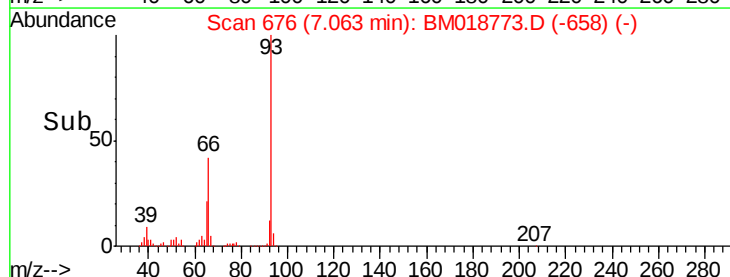
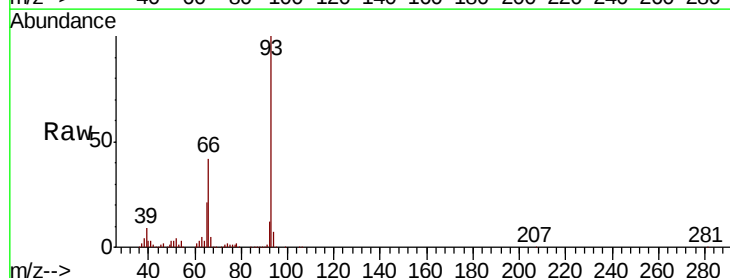
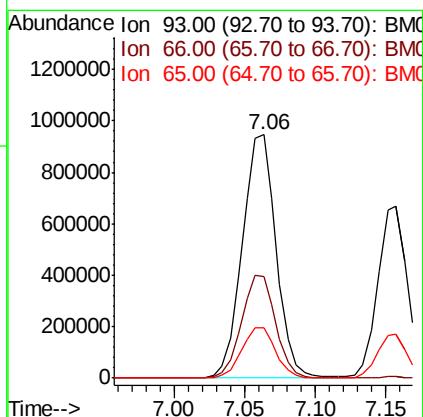
RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tgt Ion:	93	Resp:	1585140
Ion	Ratio	Lower	Upper
93	100		
66	41.9	34.1	51.1
65	20.7	16.6	24.8





#7

Phenol-d6

Concen: 143.856 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion: 99 Resp: 4145813

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

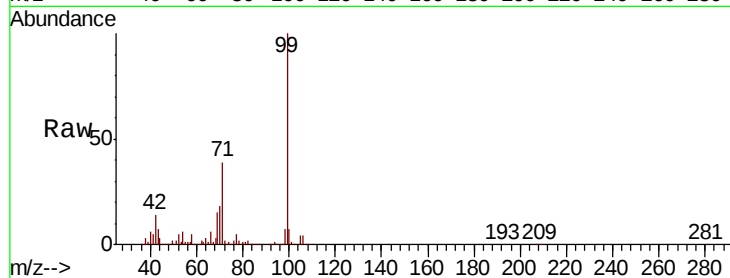
71 39.4 31.3 46.9

Manual Integrations

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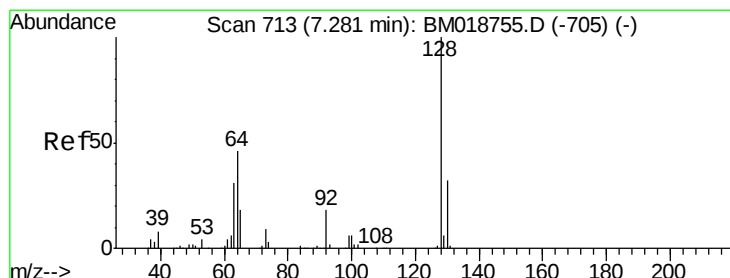
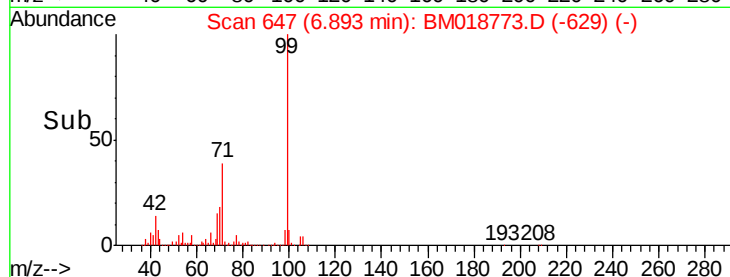
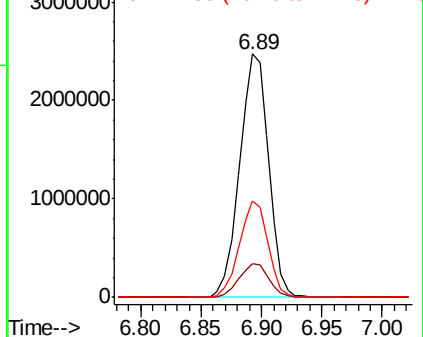


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 42.701 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

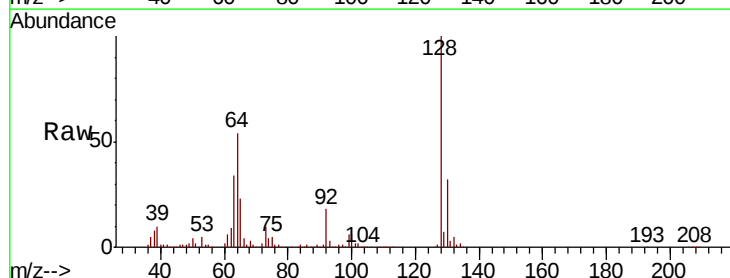
Tgt Ion: 128 Resp: 959076

Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

64 54.0 31.0 71.0

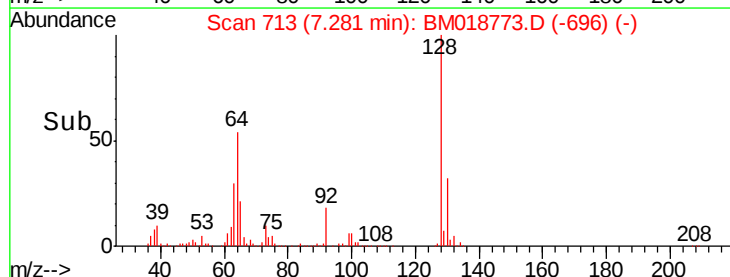
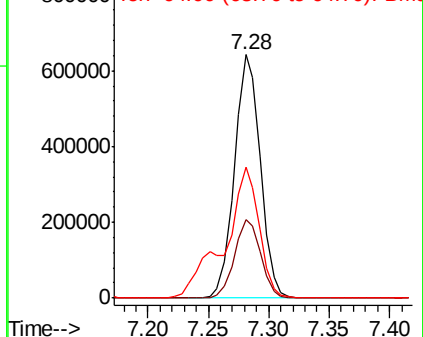


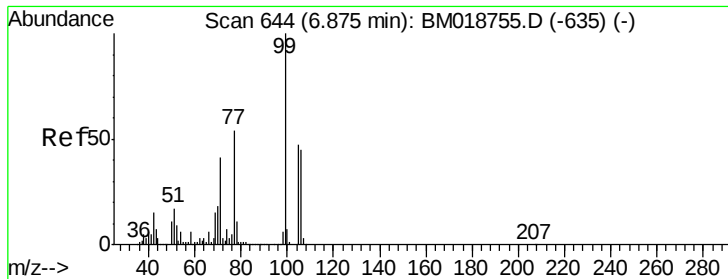
Abundance

Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 63.716 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

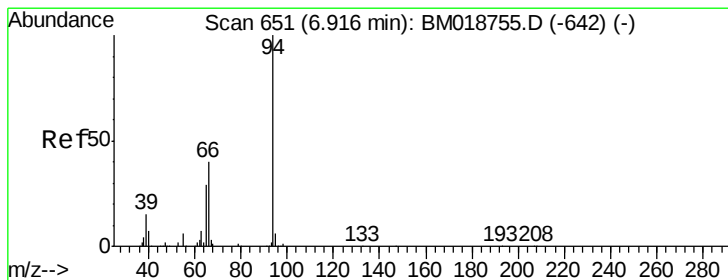
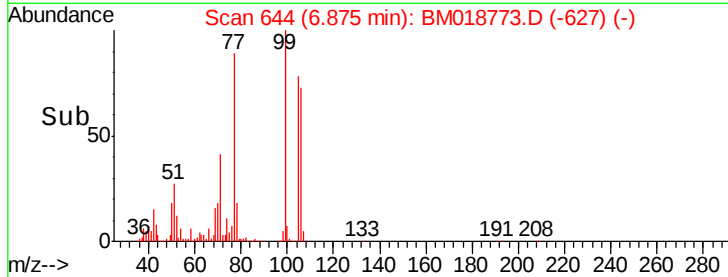
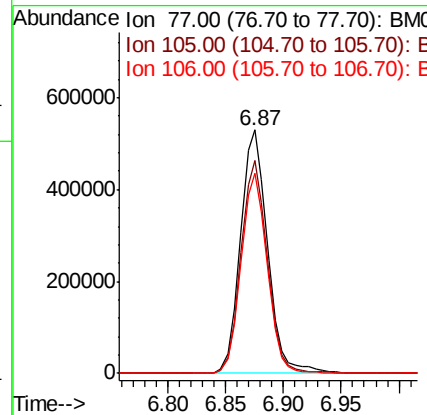
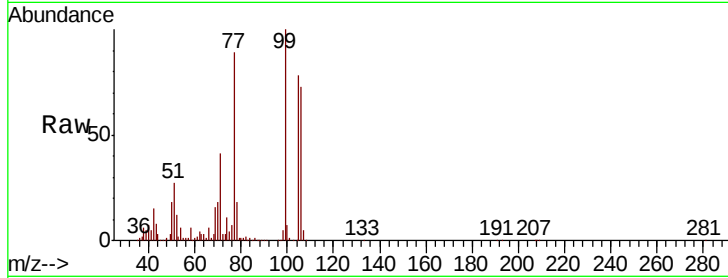
ClientSampleId :

PB117038BSD

Tot Ion:	77	Resp:	859466
Ion	Ratio	Lower	Upper
77	100		
105	87.5	67.3	107.3
106	82.1	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 43.253 ng

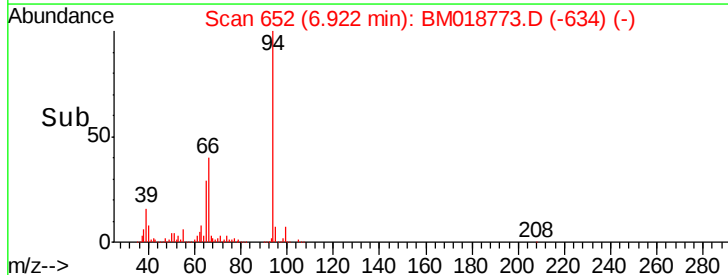
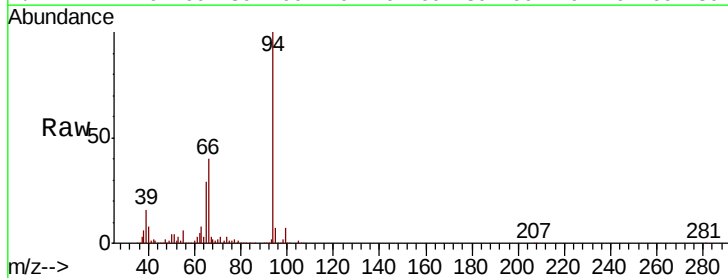
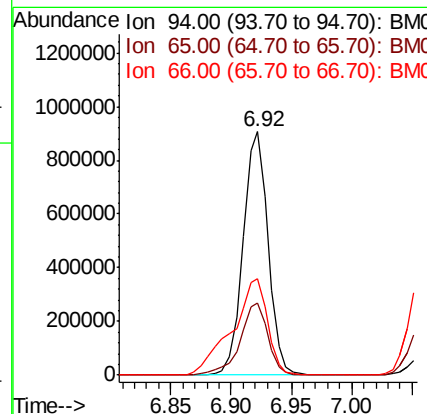
RT: 6.92 min Scan# 652

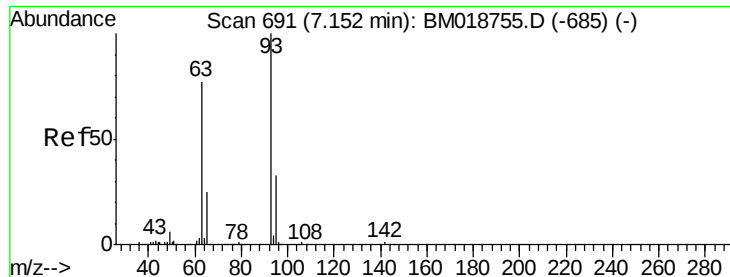
Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tgt Ion:	94	Resp:	1311574
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.6	49.6
66	39.6	20.4	60.4





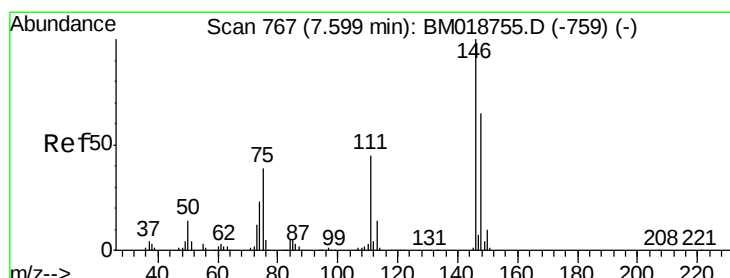
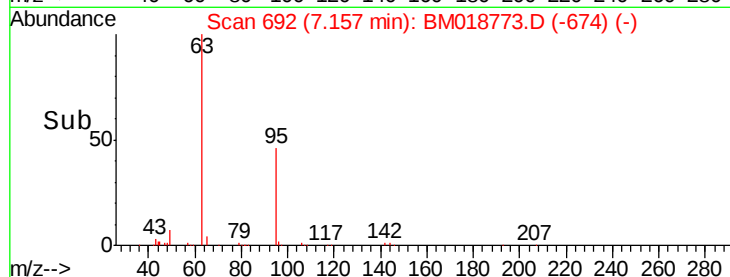
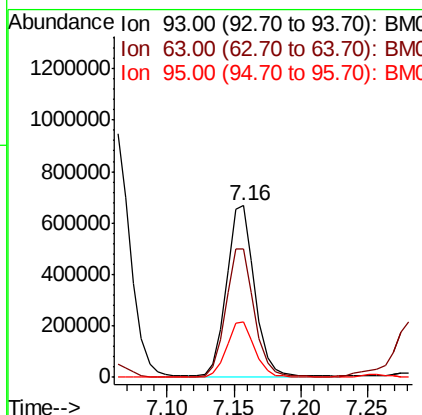
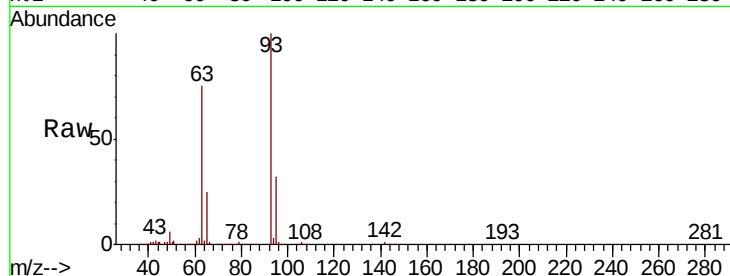
#11
bis(2-Chloroethyl)ether
Concen: 42.071 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	57.0	97.0
95	32.2	12.4	52.4

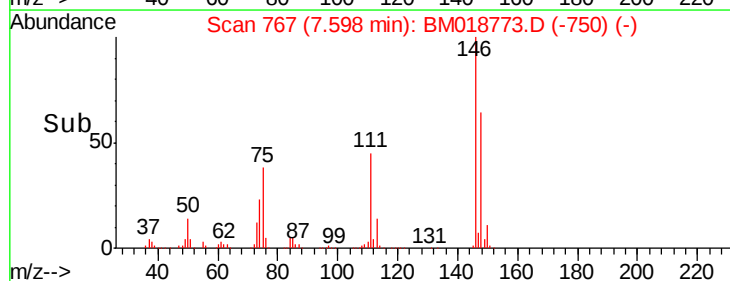
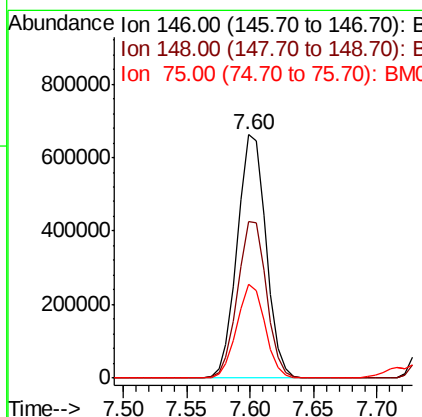
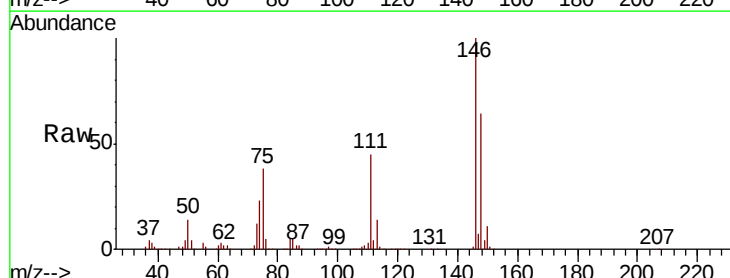
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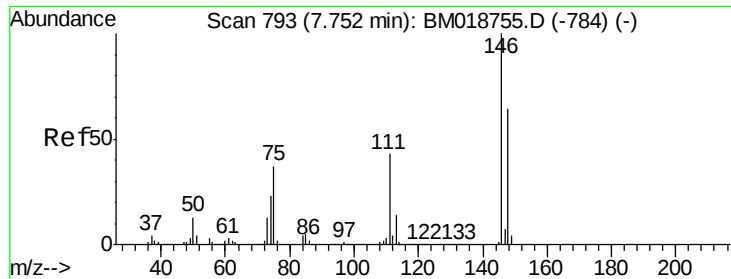
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.204 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
75	38.4	31.3	46.9





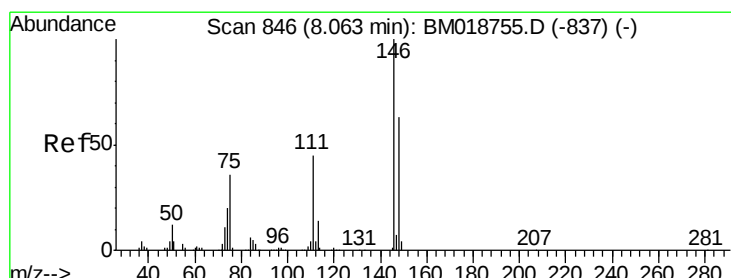
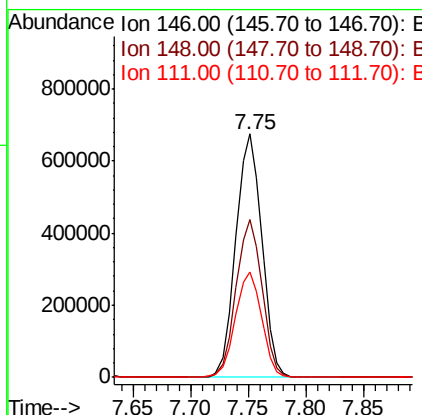
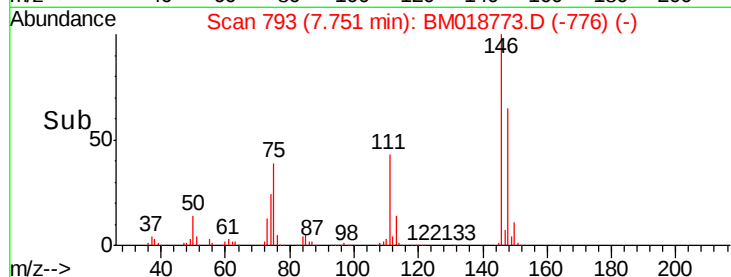
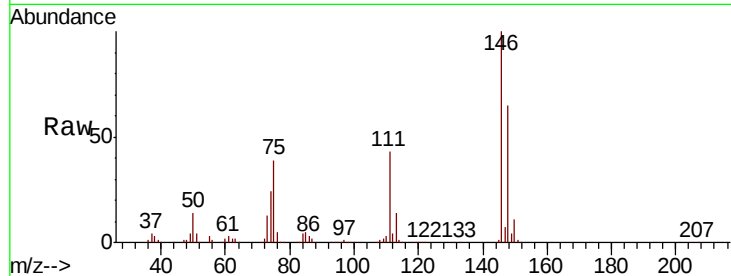
#13
1,4-Dichlorobenzene
Concen: 41.071 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	43.2	34.6	52.0

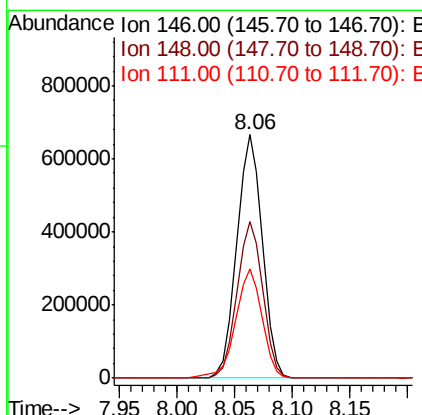
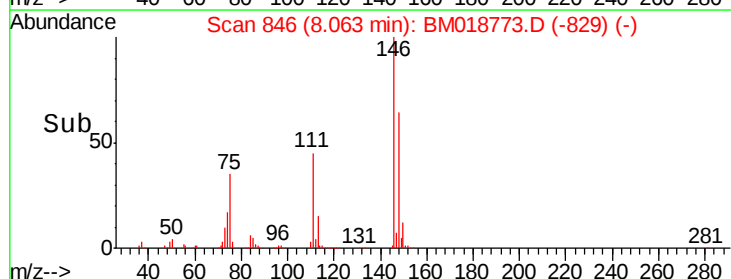
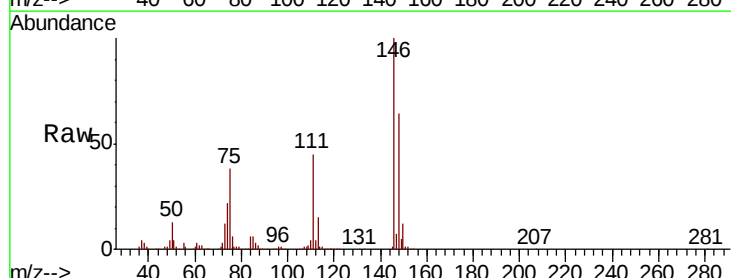
Manual Integrations
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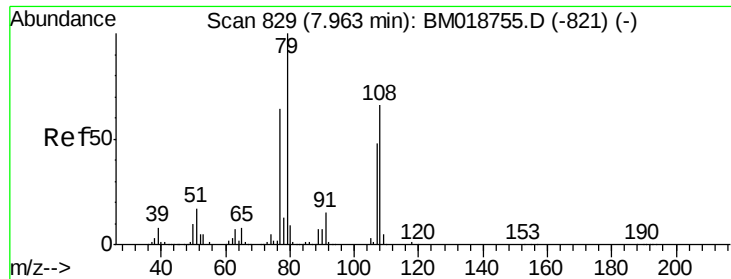
Sohil
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#14
1,2-Dichlorobenzene
Concen: 41.318 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	44.6	35.9	53.9





#15

Benzyl Alcohol

Concen: 43.165 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

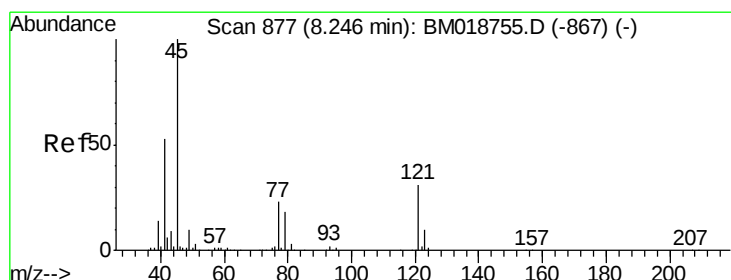
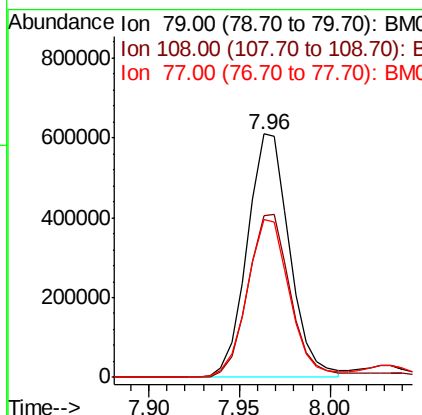
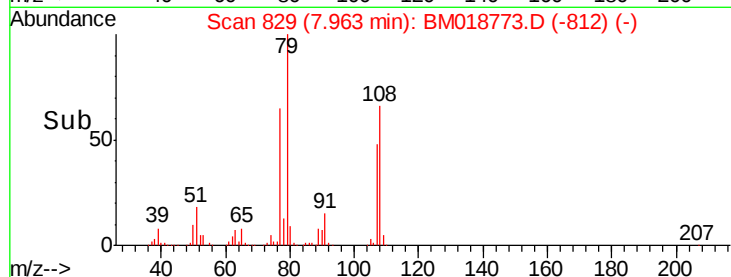
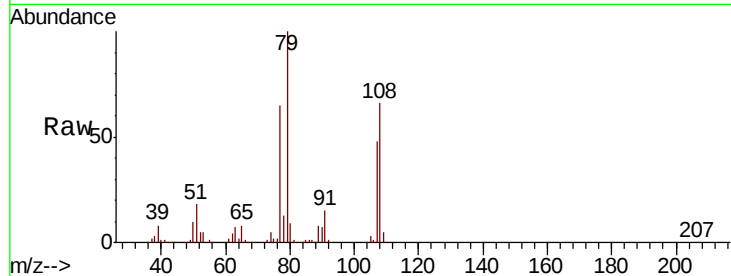
ClientSampleId :

PB117038BSD

Tot Ion:	79	Resp:	988456
Ion Ratio	Lower	Upper	
79	100		
108	66.4	52.7	79.1
77	65.0	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.894 ng

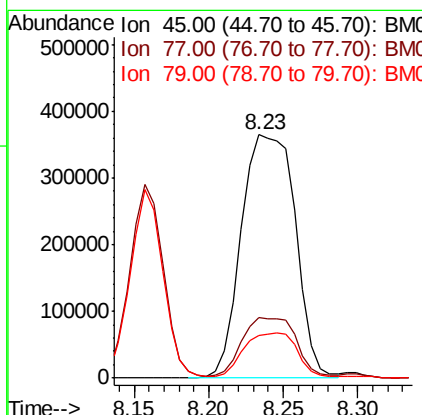
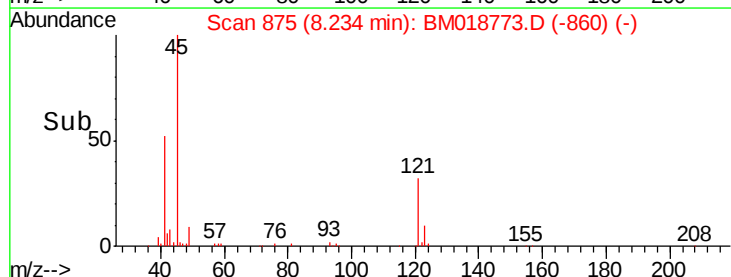
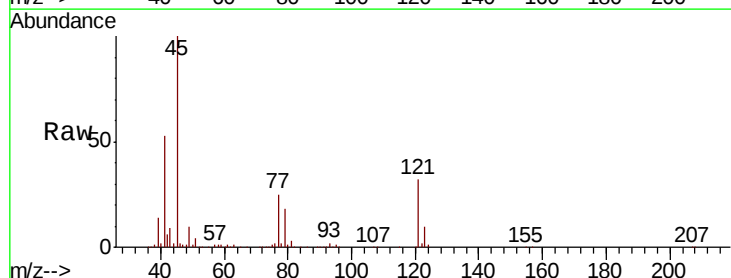
RT: 8.23 min Scan# 875

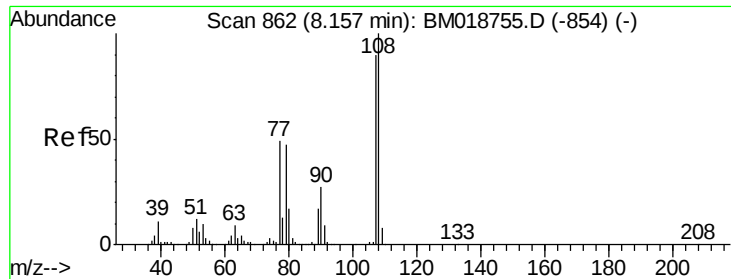
Delta R.T. -0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tgt Ion:	45	Resp:	915538
Ion Ratio	Lower	Upper	
45	100		
77	24.6	5.0	45.0
79	17.7	0.0	39.3





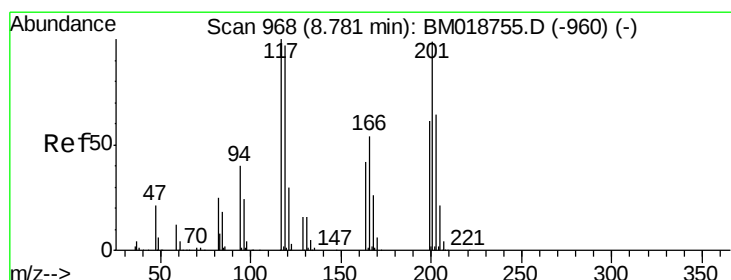
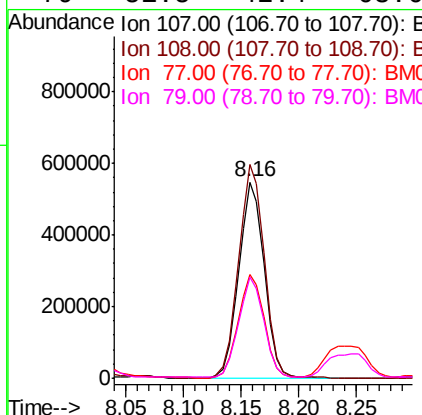
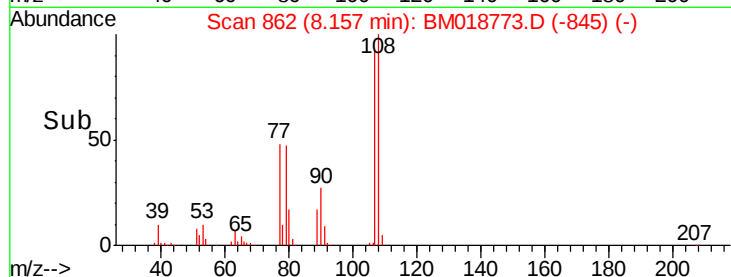
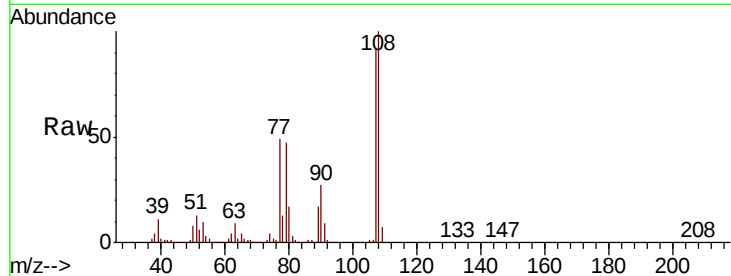
#17
2-Methylphenol
Concen: 43.104 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	831904		
108	108.9	88.8	133.2	
77	53.2	44.0	66.0	
79	51.5	42.4	63.6	

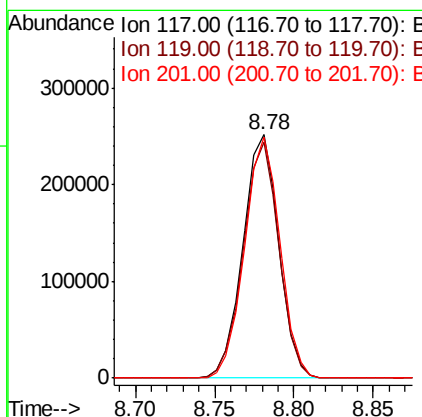
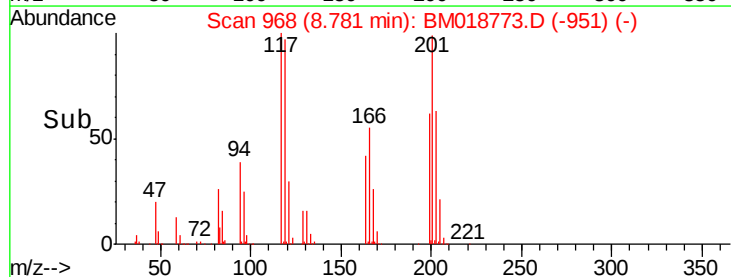
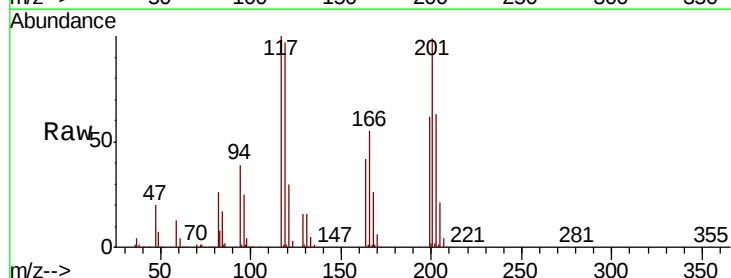
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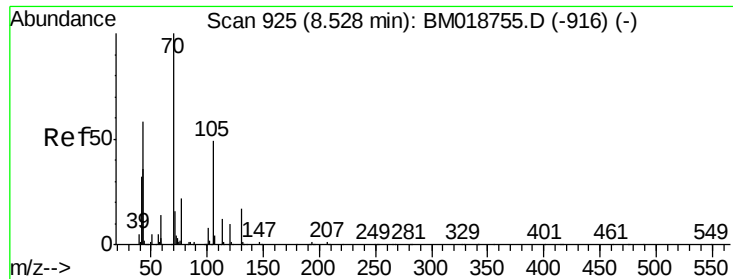
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#18
Hexachloroethane
Concen: 42.138 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	395492		
119	96.6	77.9	116.9	
201	98.8	79.2	118.8	





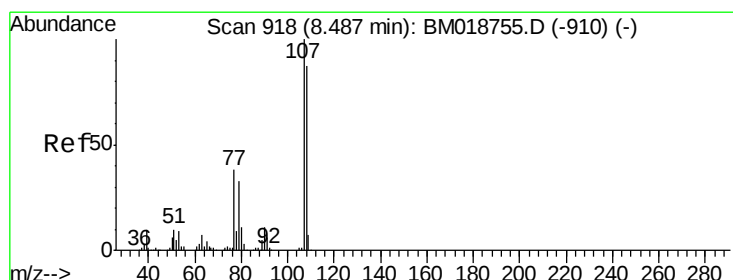
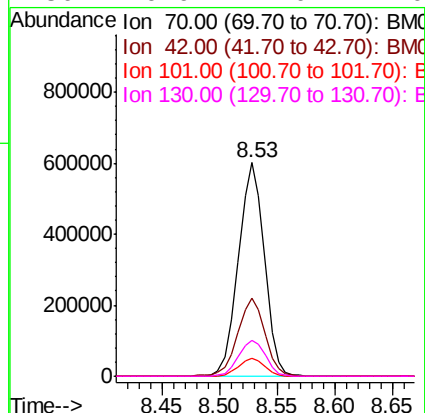
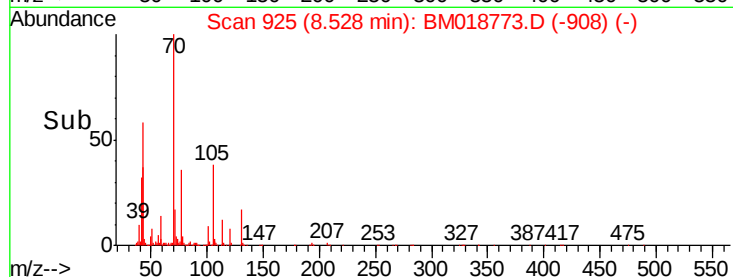
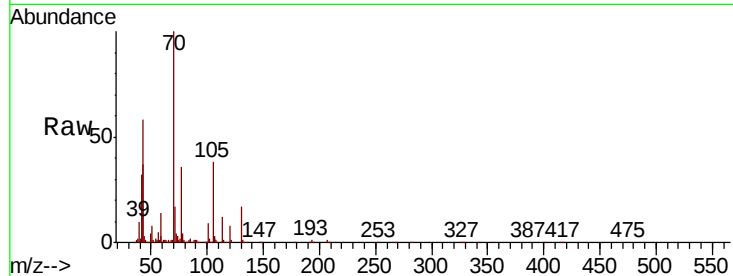
#19
n-Nitroso-di-n-propylamine
Concen: 42.019 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	36.7	29.4	44.0		
101	8.6	6.7	10.1		
130	16.9	14.0	21.0		

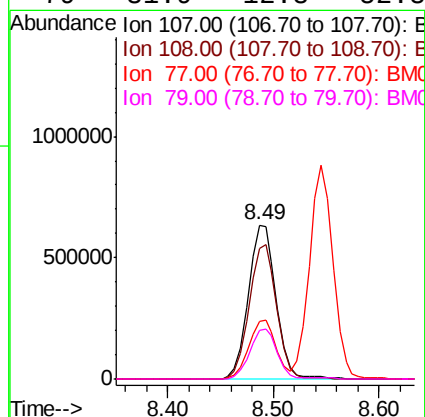
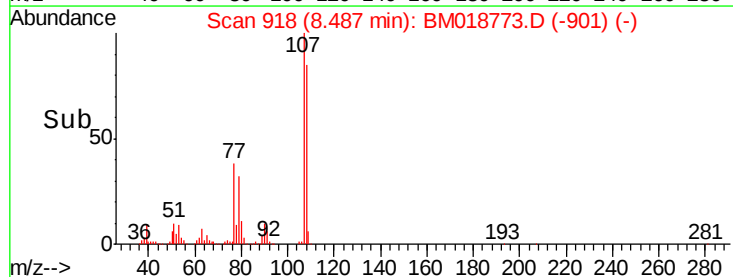
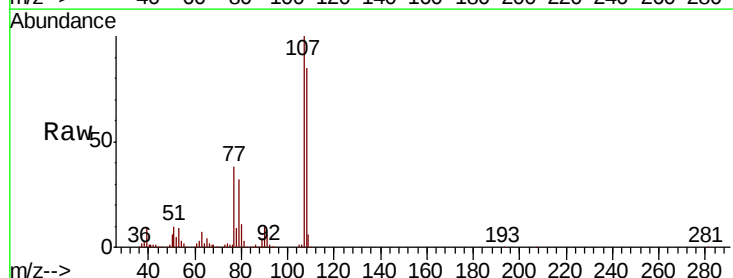
Manual Integrations
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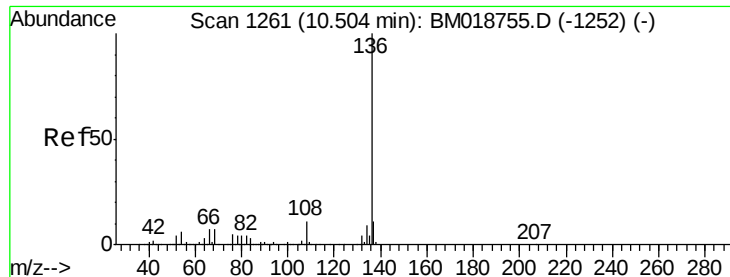
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#20
3+4-Methylphenols
Concen: 43.174 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.9	67.3	107.3		
77	37.8	18.0	58.0		
79	31.9	12.8	52.8		





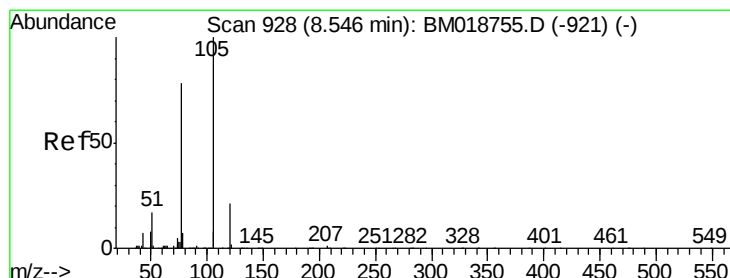
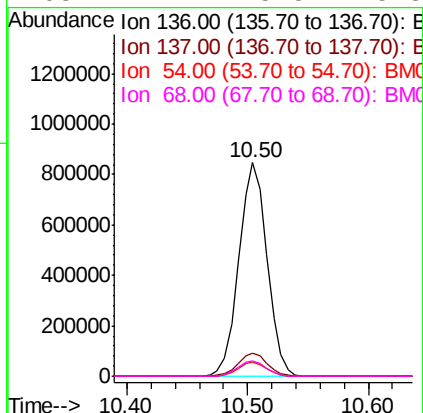
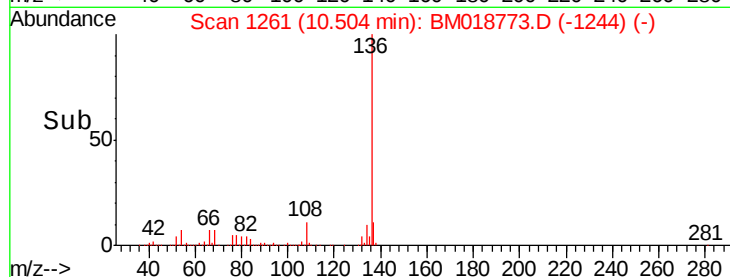
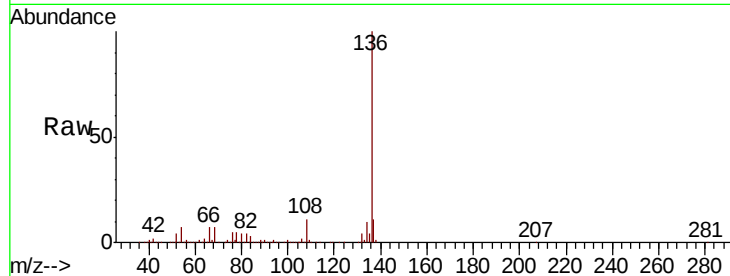
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.0	7.6
68	7.1	5.5	8.3

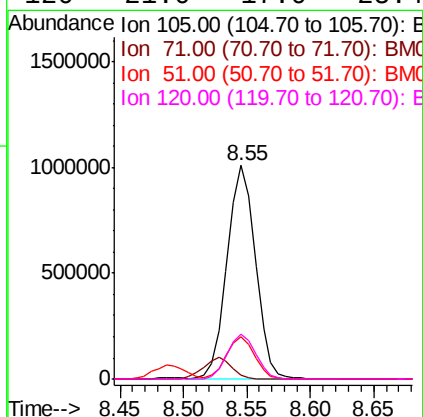
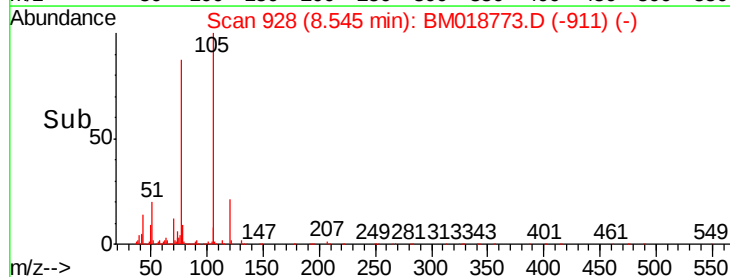
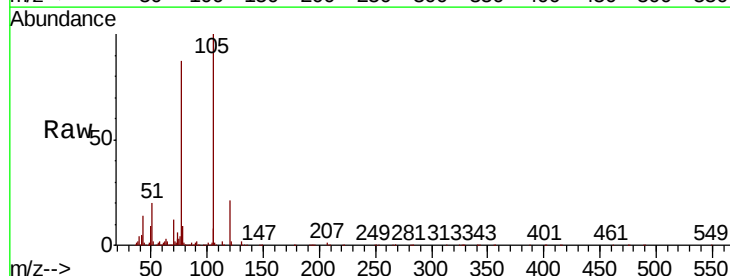
Manual Integrations
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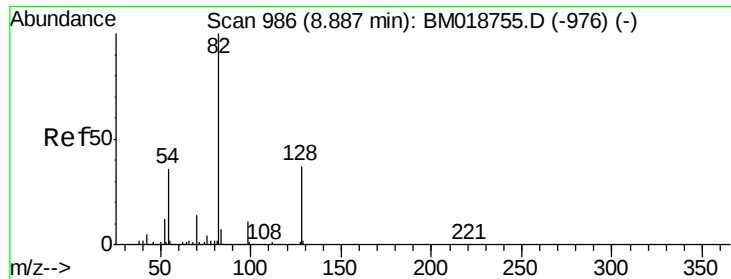
Sohil
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#22
Acetophenone
Concen: 41.061 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.1	1.7#
51	19.9	15.5	23.3
120	21.0	17.0	25.4





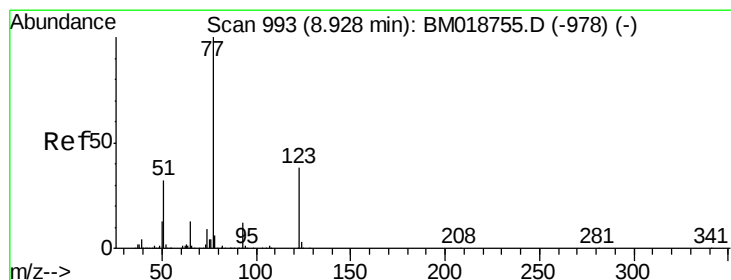
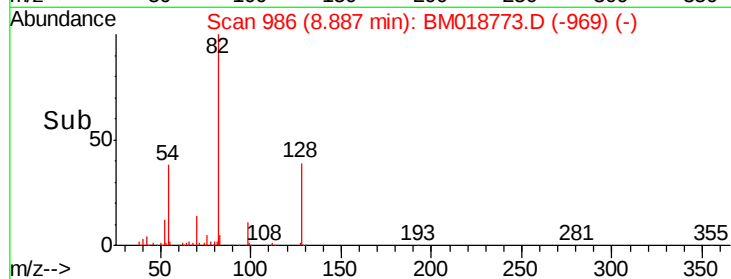
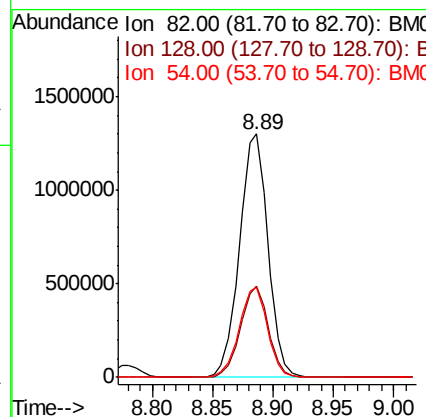
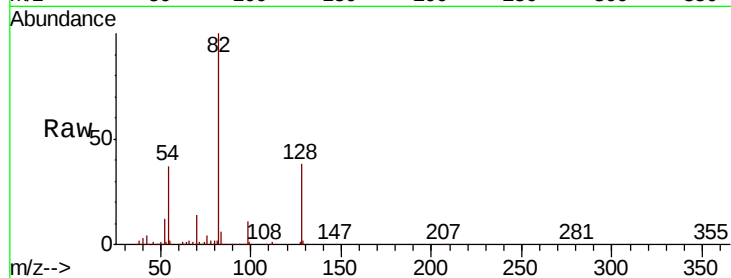
#23
 Nitrobenzene-d5
 Concen: 71.860 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	82	Resp	2142537
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.9	44.9
54	36.8	29.1	43.7

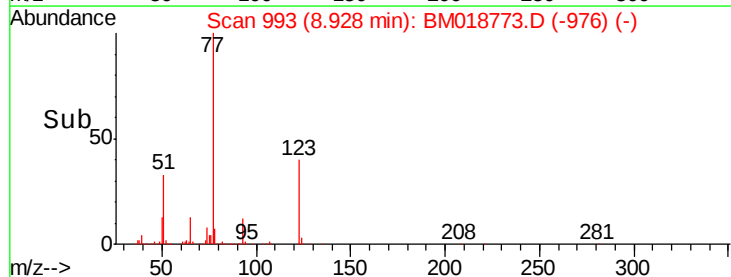
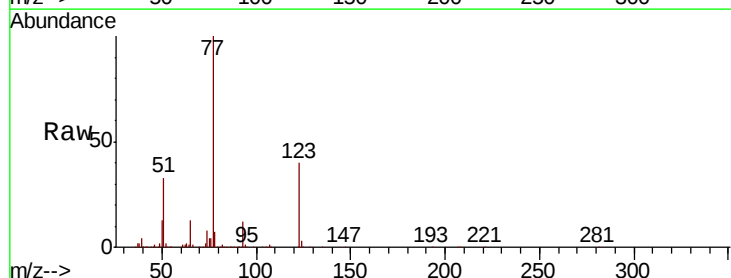
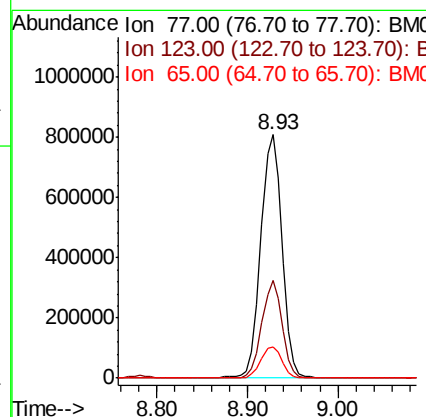
Manual Integrations
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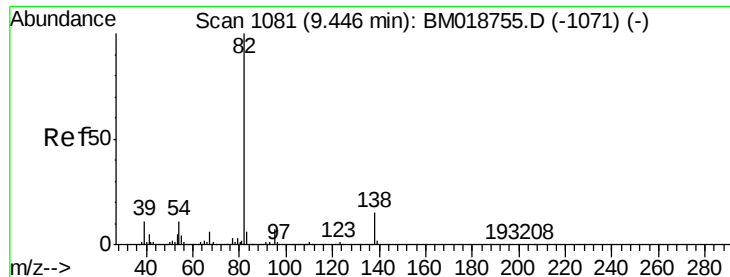
Sohil
 2/13/2019 12:20:43 PM



#24
 Nitrobenzene
 Concen: 42.396 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Tgt Ion	77	Resp	1312097
Ion Ratio	Lower	Upper	
77	100		
123	40.1	30.7	46.1
65	12.7	10.5	15.7





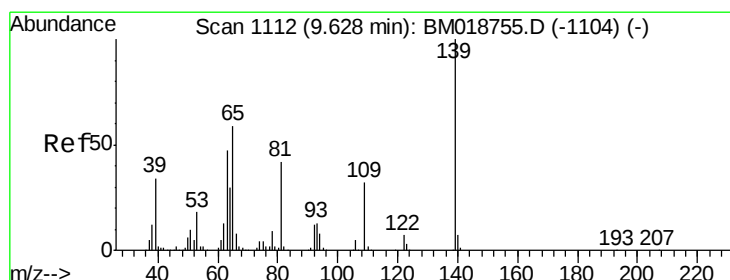
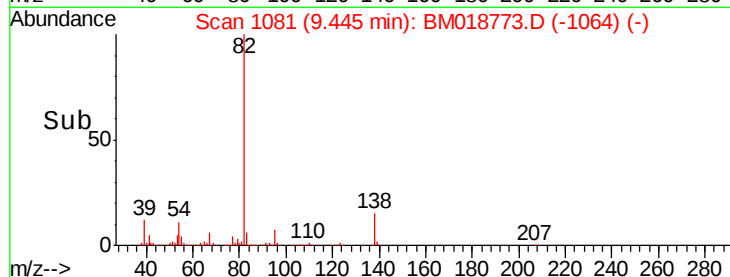
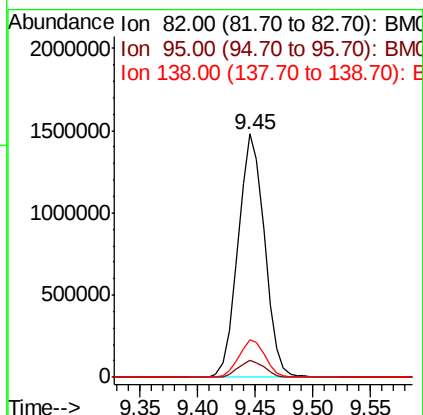
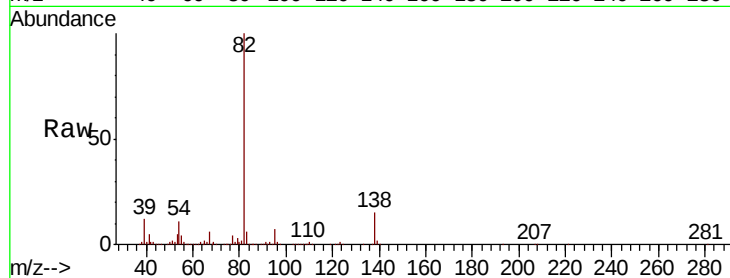
#25
Isophorone
Concen: 49.622 ng
RT: 9.45 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	15.2	12.3	18.5

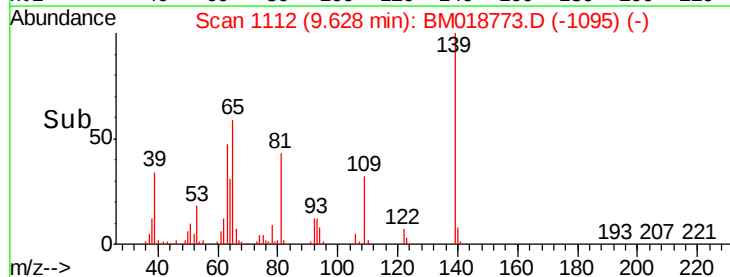
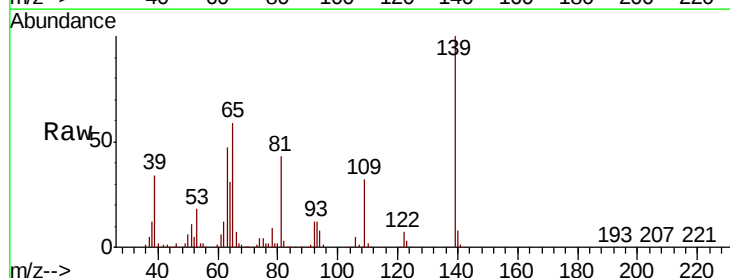
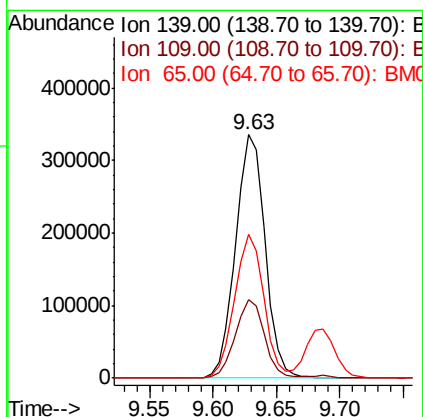
Manual Integrations
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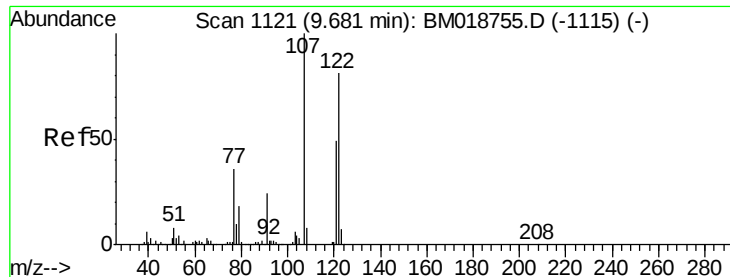
Sohil
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#26
2-Nitrophenol
Concen: 43.918 ng
RT: 9.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.2	37.8
65	58.9	47.0	70.4





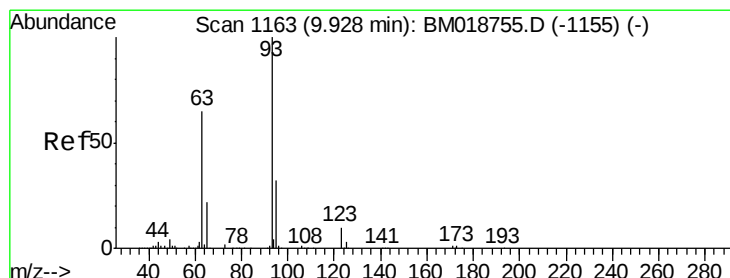
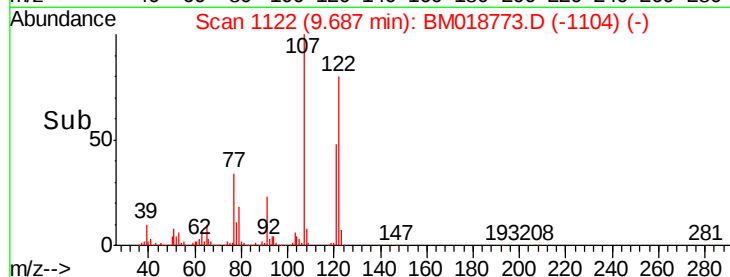
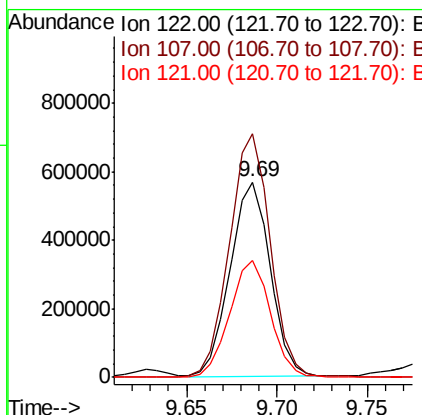
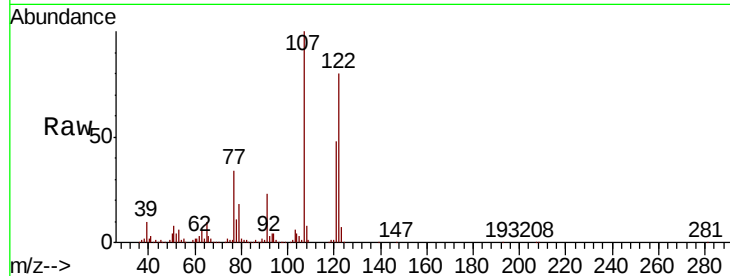
#27
2,4-Dimethylphenol
Concen: 48.617 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	97.6	146.4
121	60.0	47.9	71.9

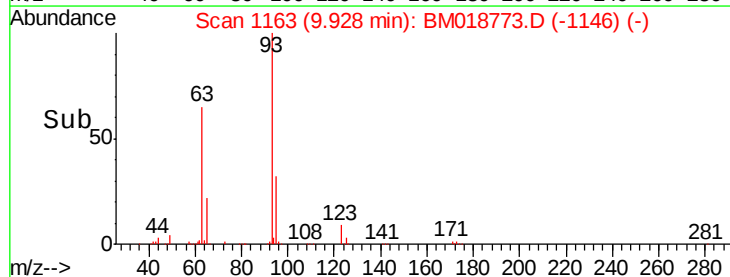
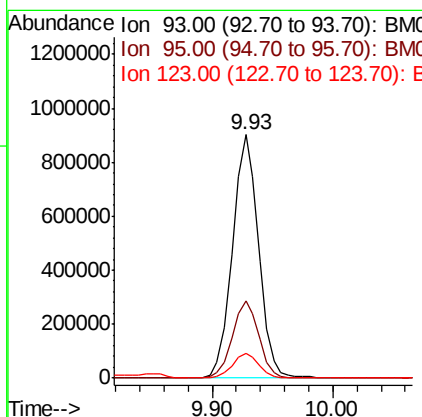
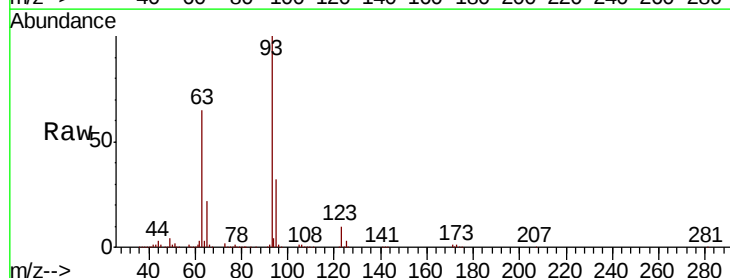
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#28
bis(2-Chloroethoxy)methane
Concen: 44.238 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.6	38.4
123	10.3	8.2	12.4





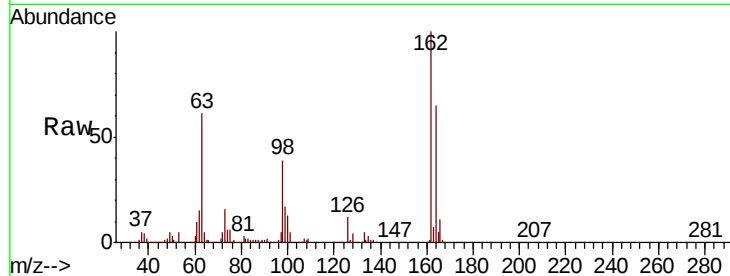
#29
2,4-Dichlorophenol
Concen: 43.791 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	44.1	84.1
98	39.4	19.4	59.4

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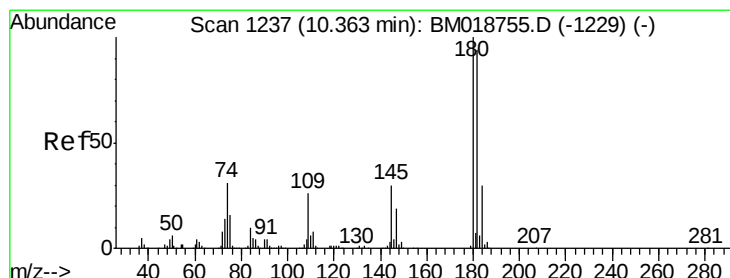
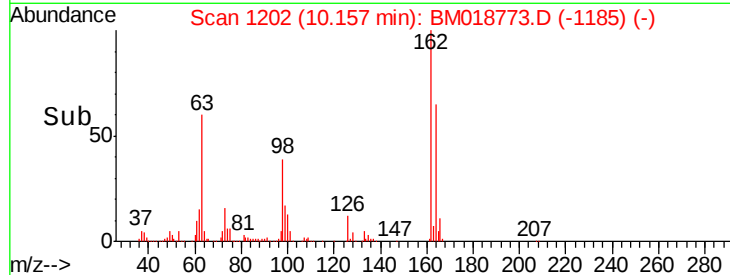
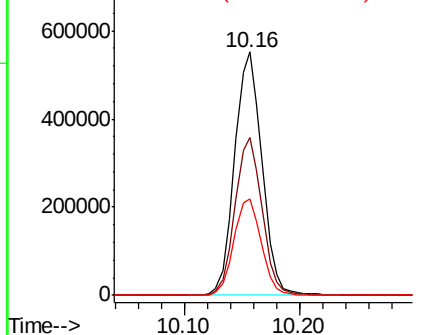


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 41.551 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

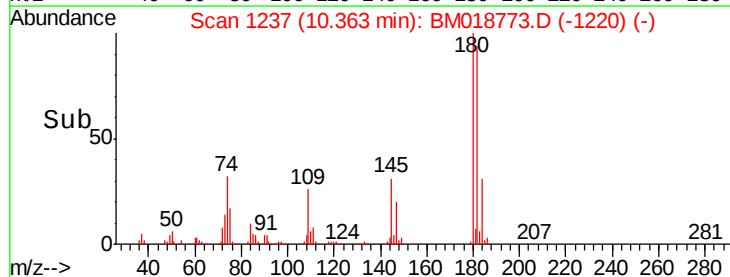
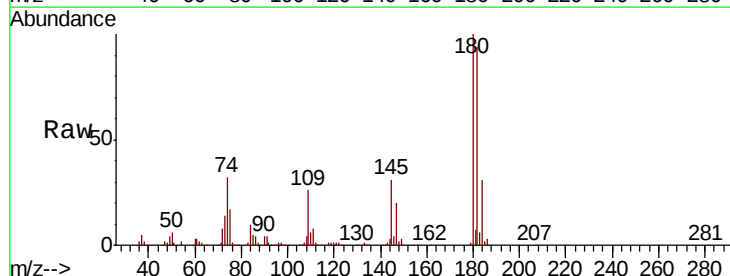
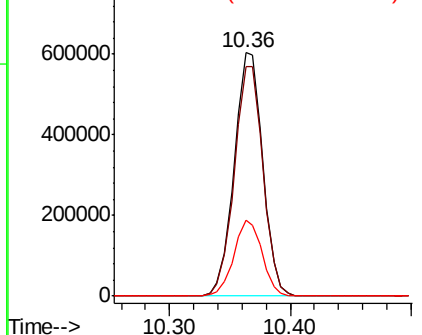
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	75.0	112.6
145	31.3	24.1	36.1

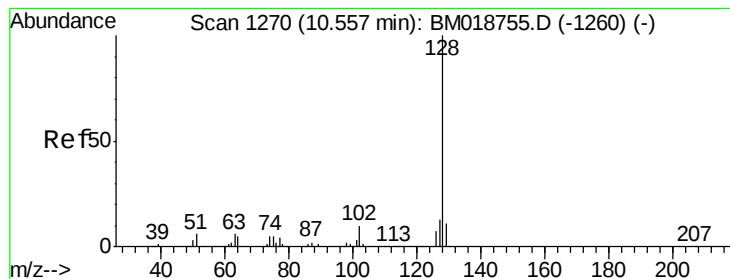
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





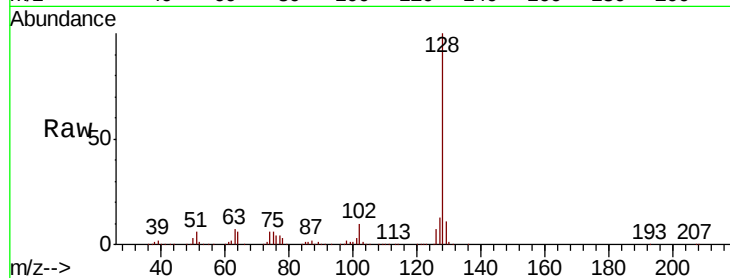
#31
Naphthalene
Concen: 44.909 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.2	10.7	16.1

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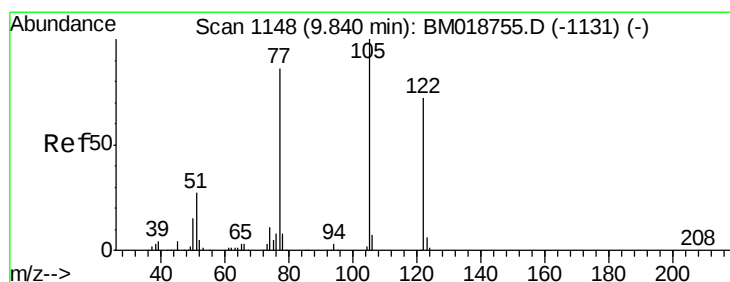
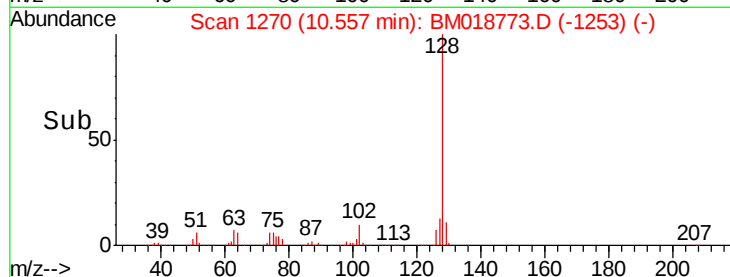
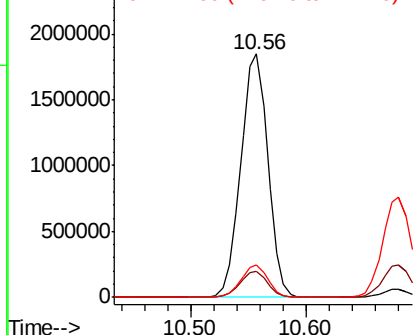


Abundance

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: 39.218 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

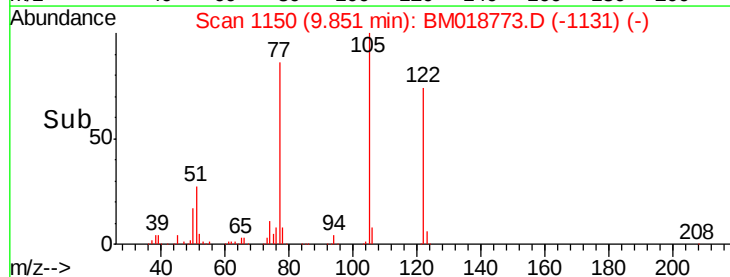
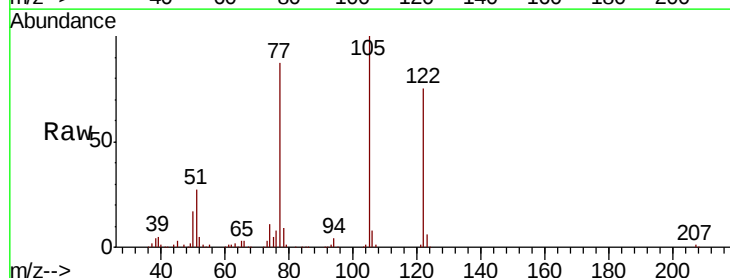
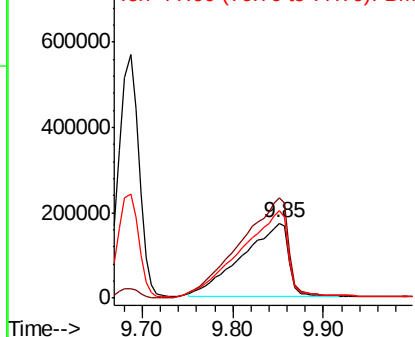
Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	117.5	157.5
77	116.7	98.5	138.5

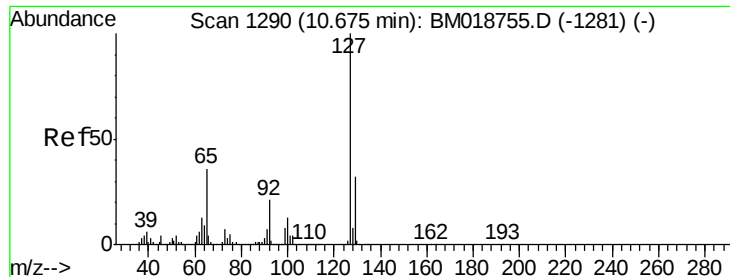
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





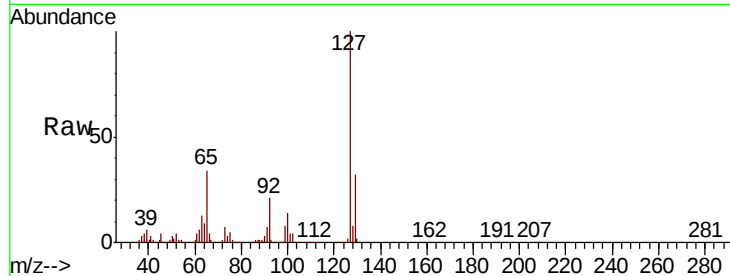
#33
4-Chloroaniline
Concen: 43.980 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	34.4	28.7	43.1
92	21.0	17.0	25.4

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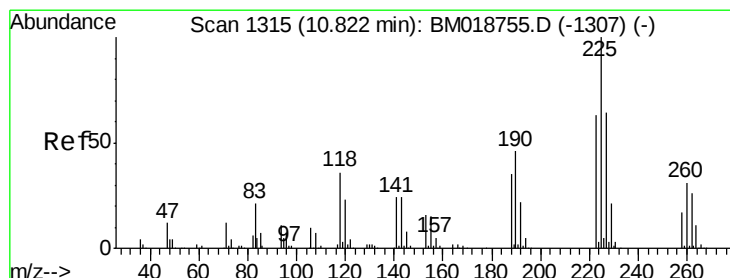
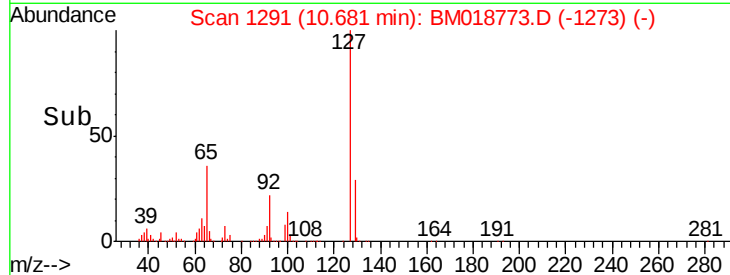
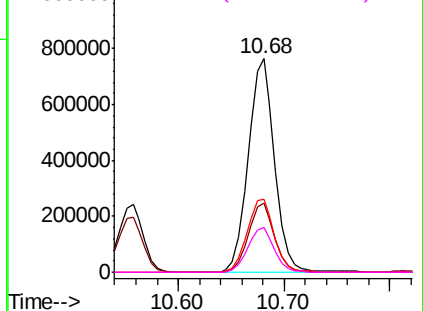
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

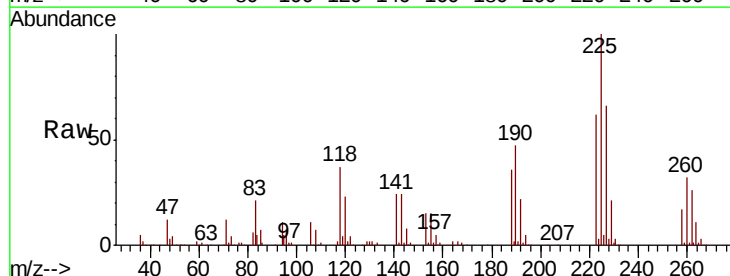
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.699 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	66.1	51.4	77.0

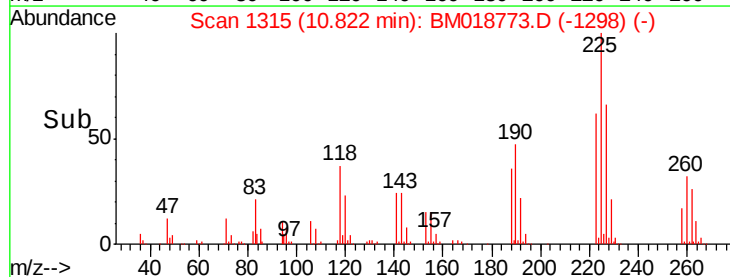
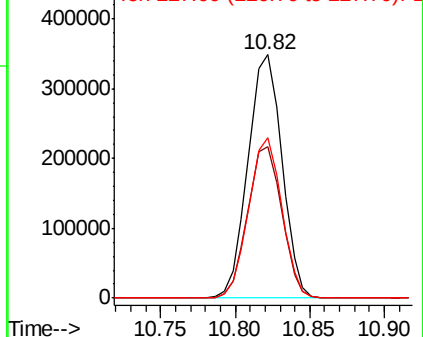


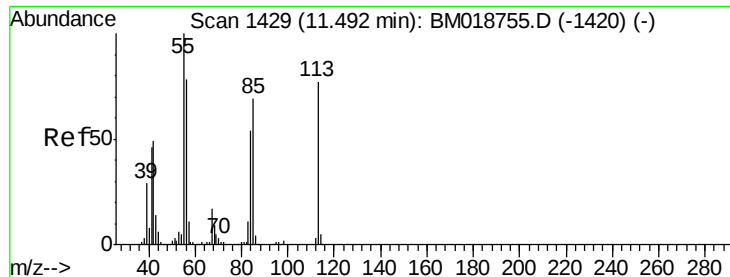
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.310 ng/ml

RT: 11.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:113 Resp: 323168

Ion Ratio Lower Upper

113 100

55 139.1 110.7 150.7

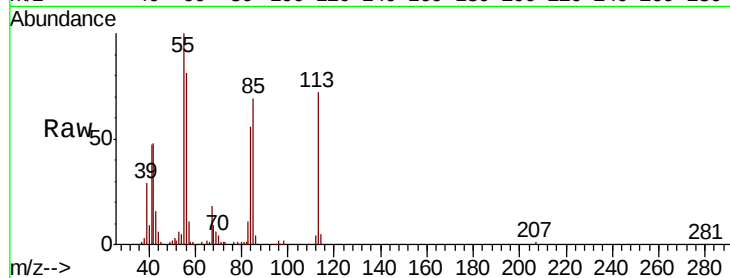
56 112.8 82.4 122.4

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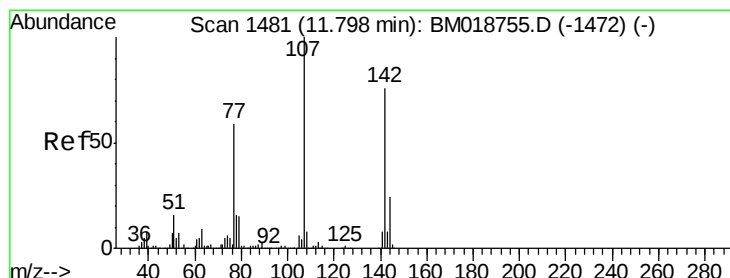
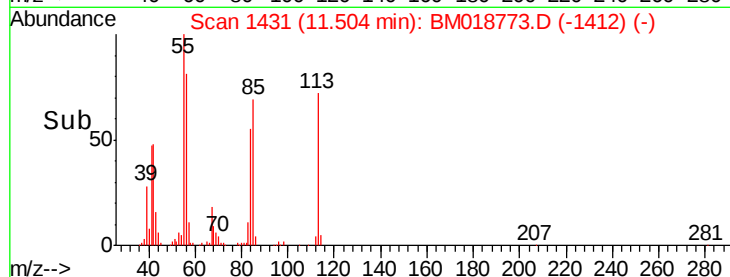
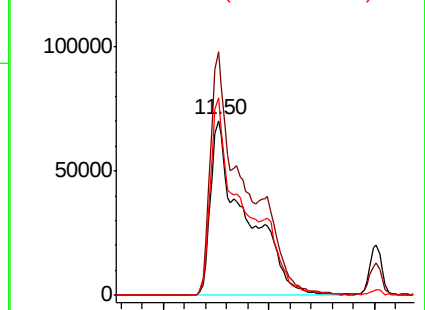
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.151 ng/ml

RT: 11.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

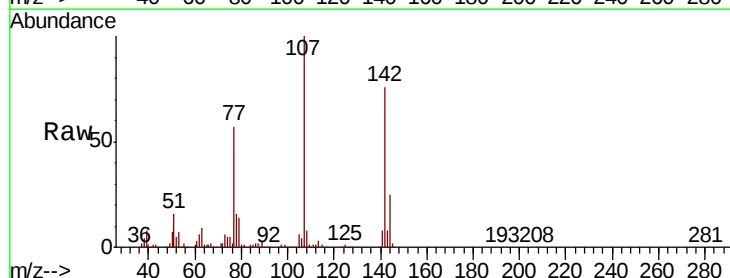
Tgt Ion:107 Resp: 1075341

Ion Ratio Lower Upper

107 100

144 24.8 19.3 28.9

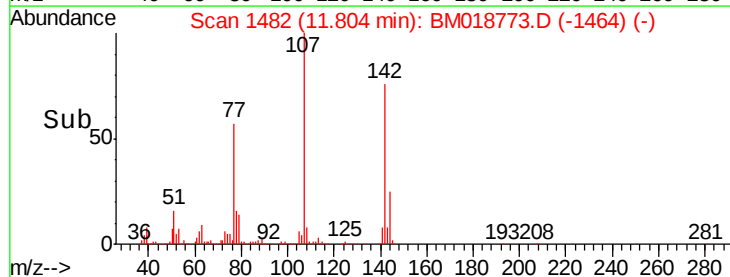
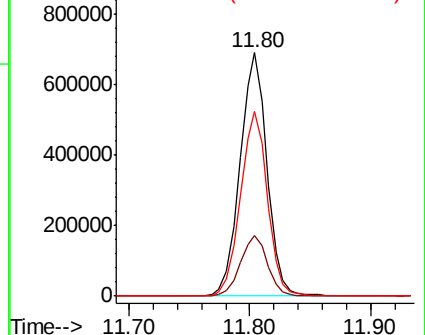
142 76.1 60.5 90.7

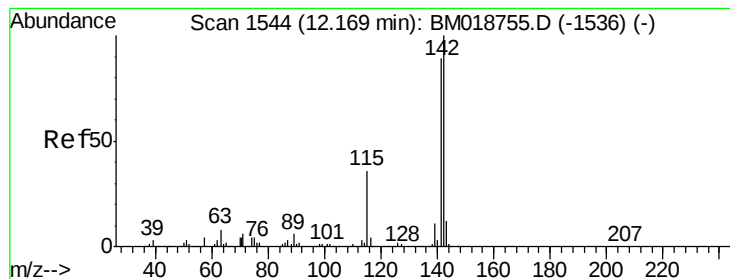


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





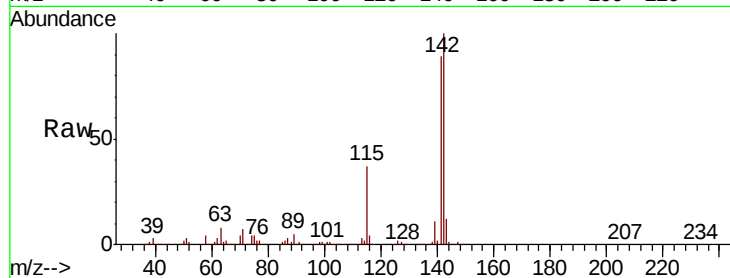
#37
 2-Methylnaphthalene
 Concen: 46.665 ng
 RT: 12.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	36.6	29.1	43.7

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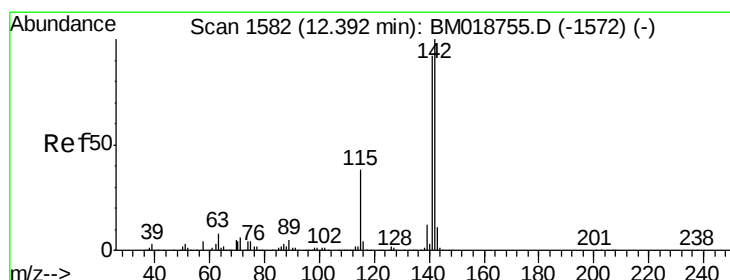
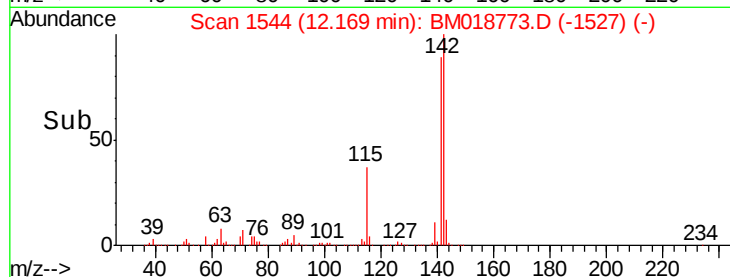
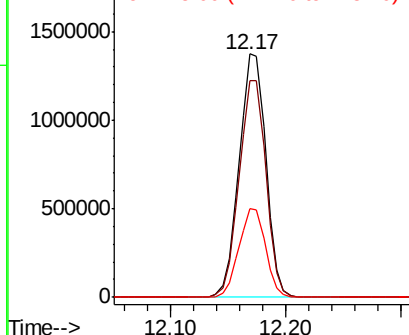


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 45.241 ng
 RT: 12.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

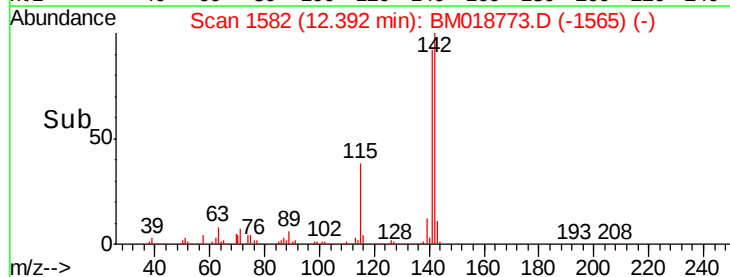
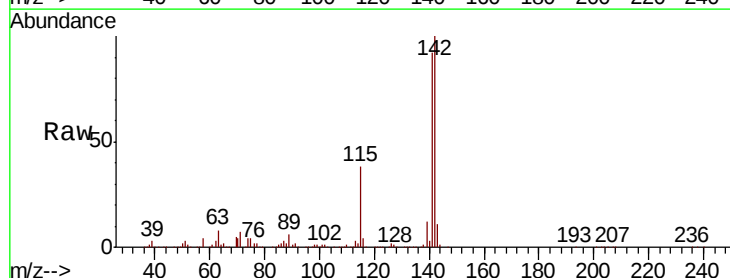
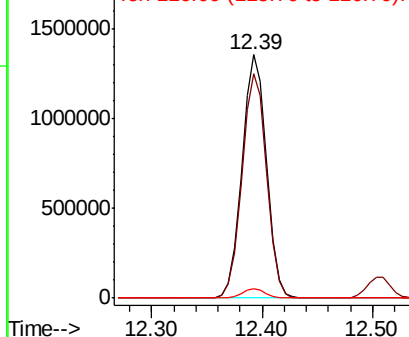
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.9	110.9
116	4.1	3.0	4.4

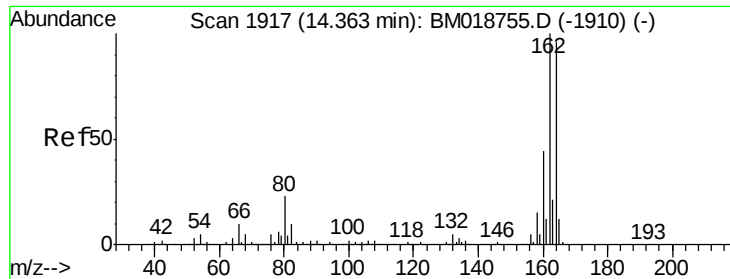
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





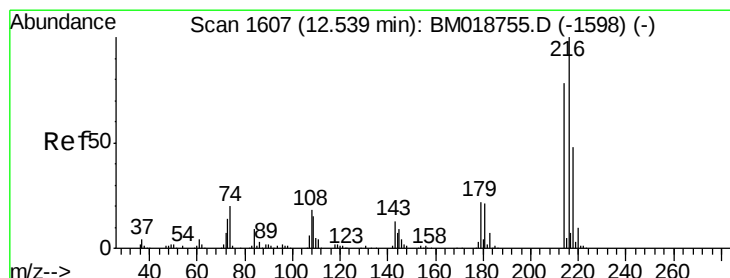
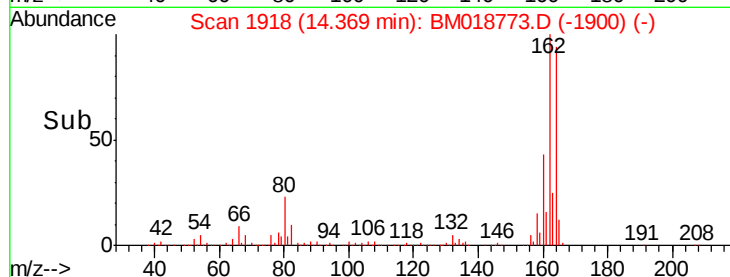
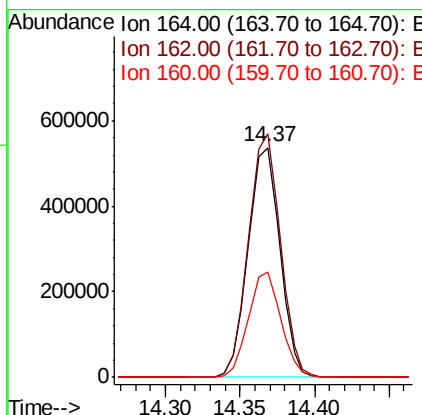
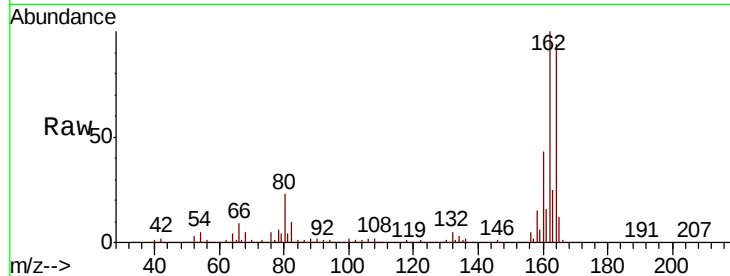
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.9	83.4	125.0	
160	46.0	36.6	55.0	

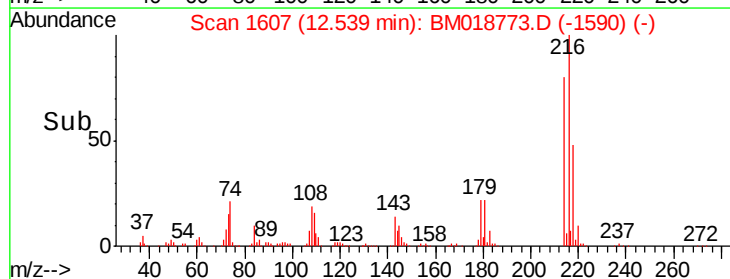
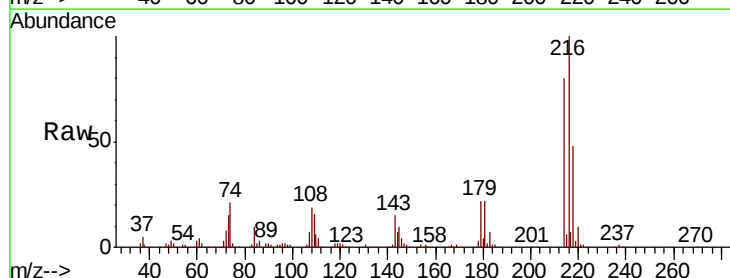
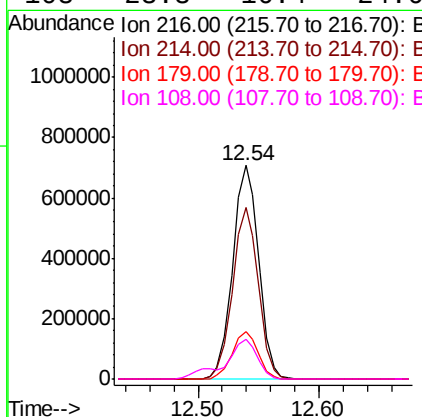
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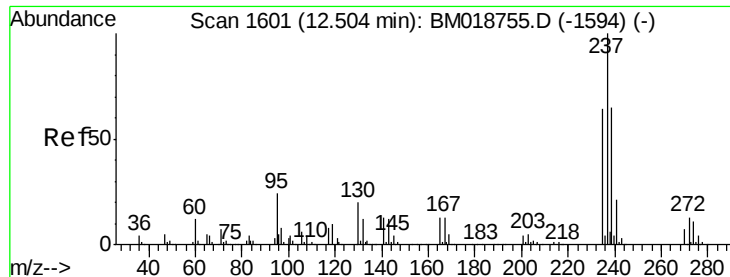
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.759 ng
RT: 12.54 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.2	94.8	
179	22.4	17.8	26.8	
108	23.3	16.4	24.6	





#41

Hexachlorocyclopentadiene

Concen: 110.942 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:237 Resp: 1436899

Ion Ratio Lower Upper

237 100

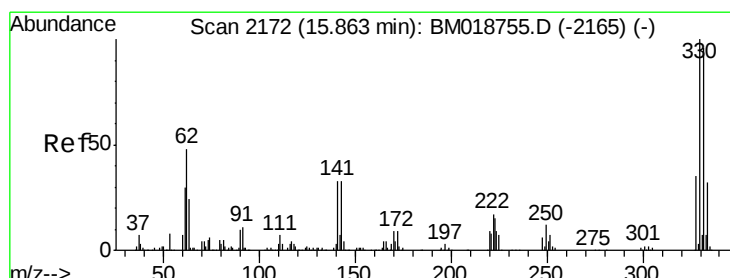
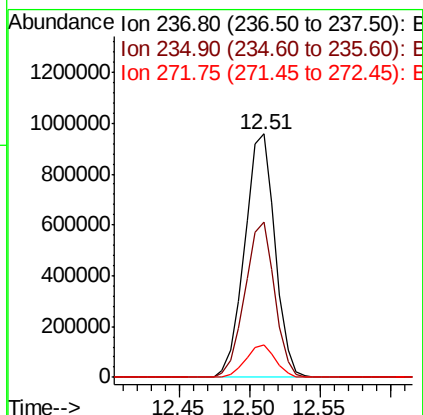
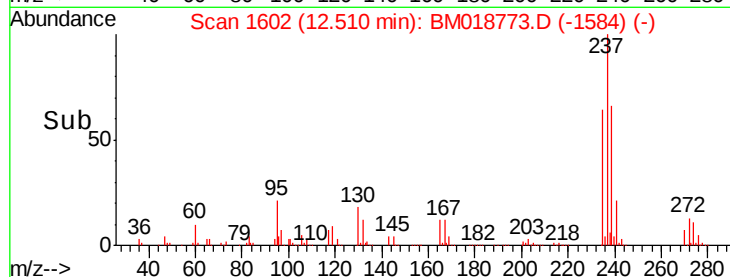
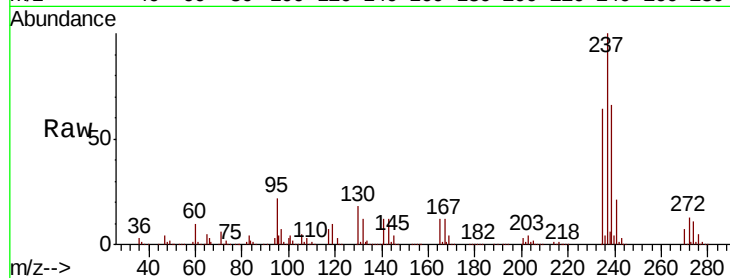
235 63.5 43.7 83.7

272 13.5 0.0 33.3

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#42

2,4,6-Tribromophenol

Concen: 156.707 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

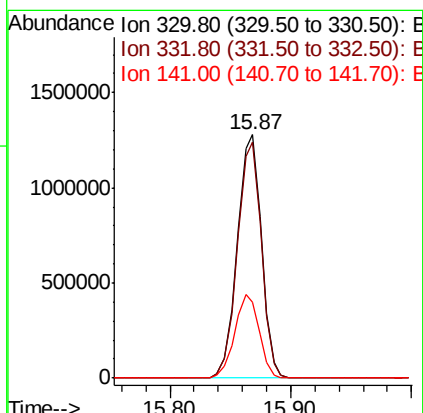
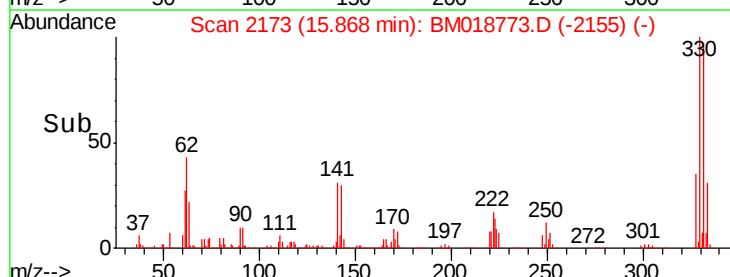
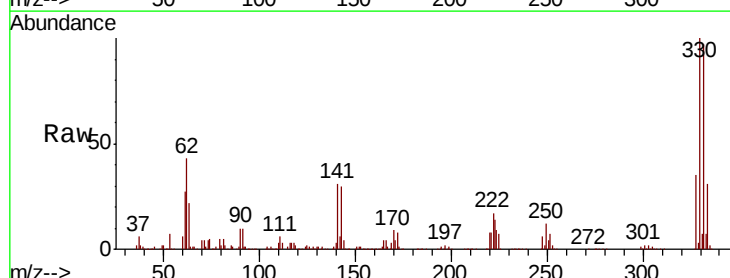
Tgt Ion:330 Resp: 1788832

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 34.7 28.7 43.1





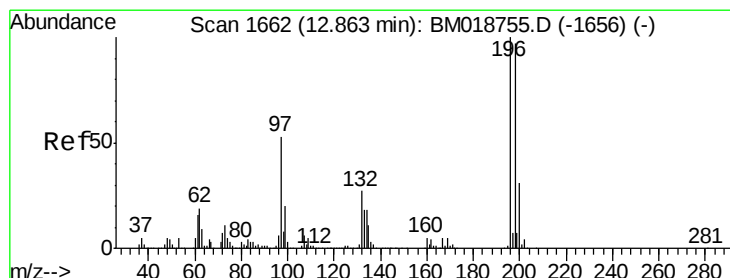
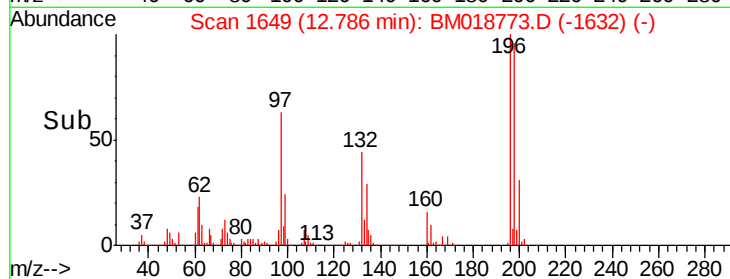
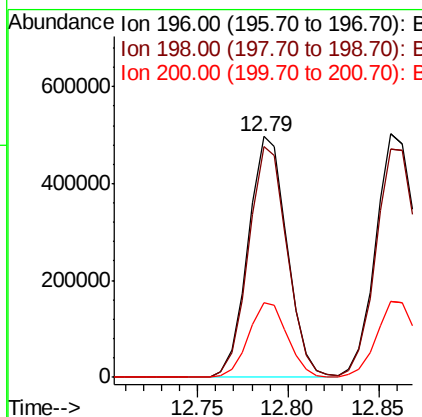
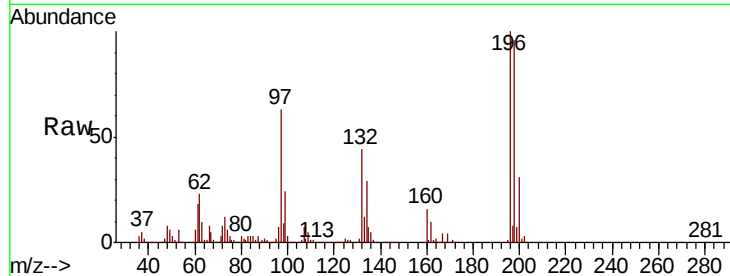
#43
 2,4,6-Trichlorophenol
 Concen: 44.223 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion:	196	Resp:	741624
Ion Ratio	Lower	Upper	
196	100		
198	95.7	76.2	114.2
200	30.7	24.2	36.2

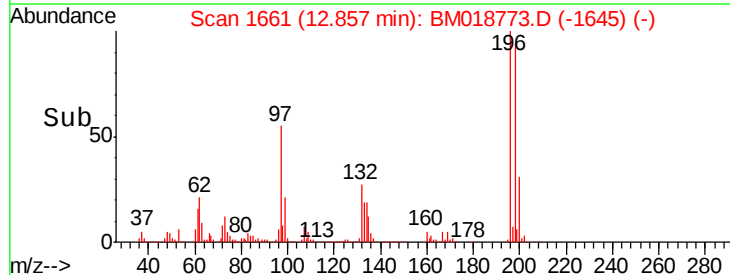
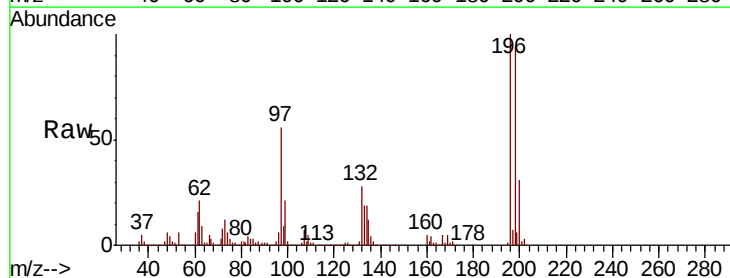
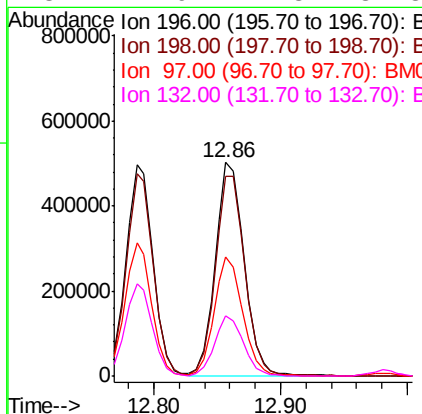
Manual Integrations
 APPROVED

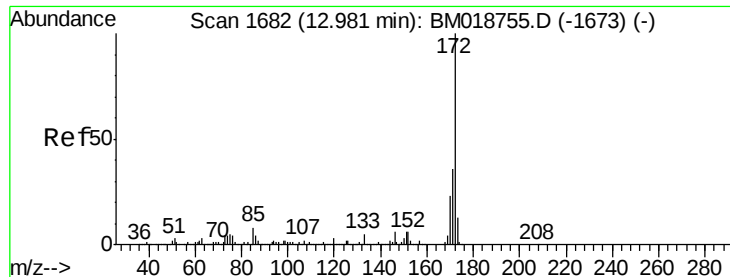
Sohil
 2/13/2019 12:20:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.059 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Tgt Ion:	196	Resp:	792013
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.6	116.4
97	55.9	42.8	64.2
132	27.9	21.8	32.8





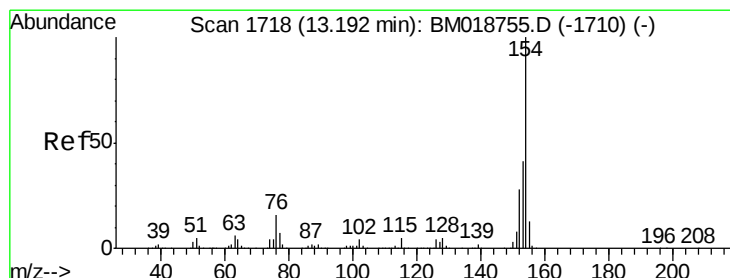
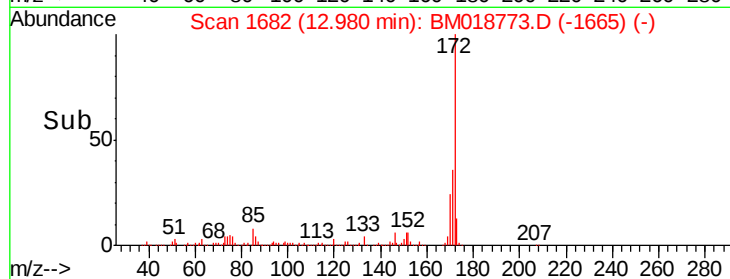
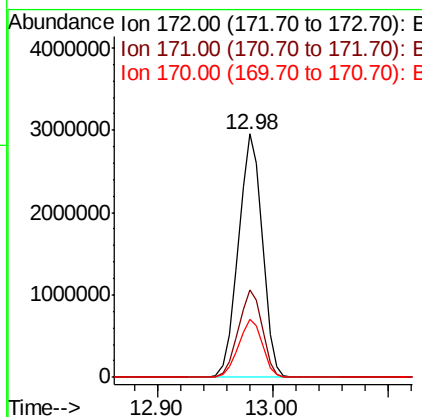
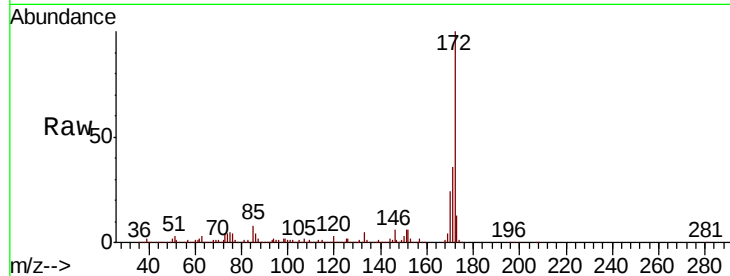
#45
2-Fluorobiphenyl
Concen: 70.947 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.9	18.6	28.0

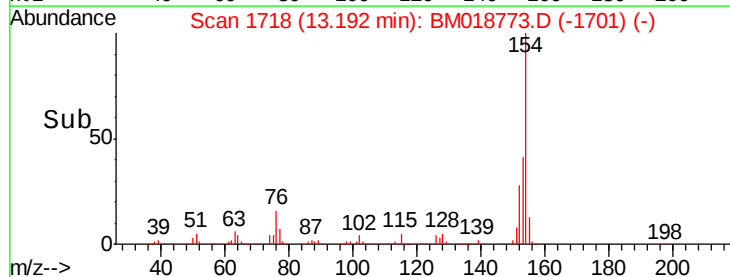
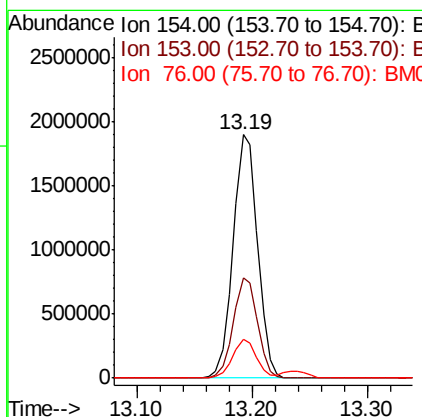
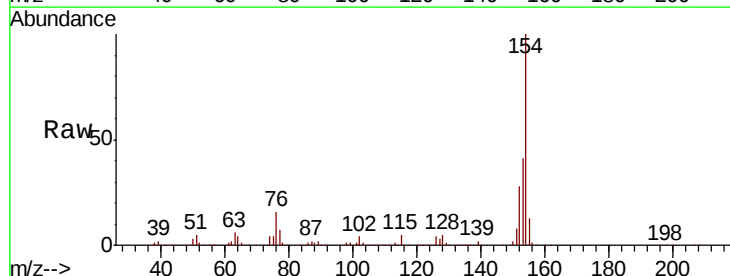
Manual Integrations
APPROVED

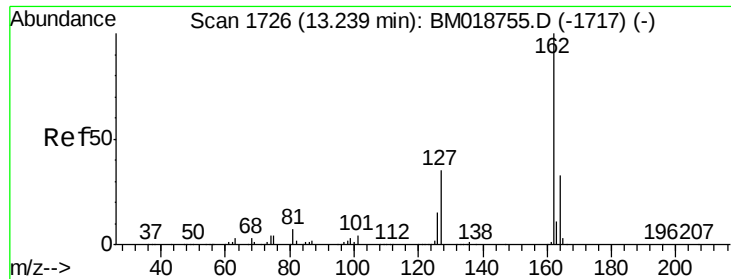
Sohil
2/13/2019 12:20:43 PM



#46
1,1'-Biphenyl
Concen: 40.631 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	15.9	0.0	35.7





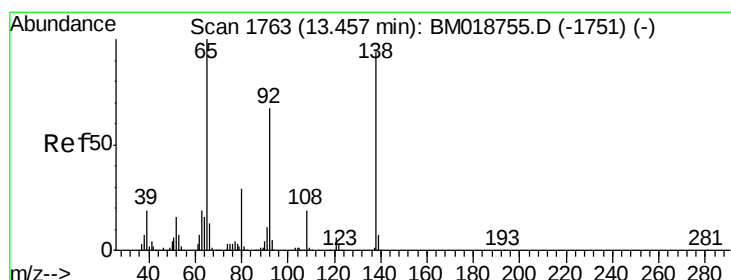
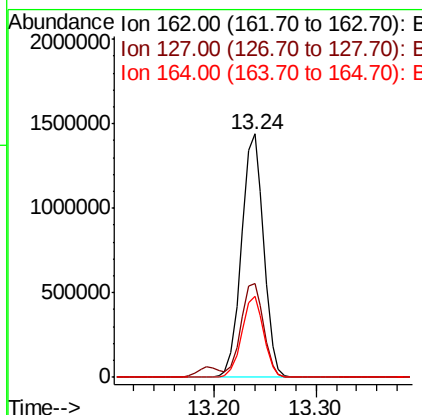
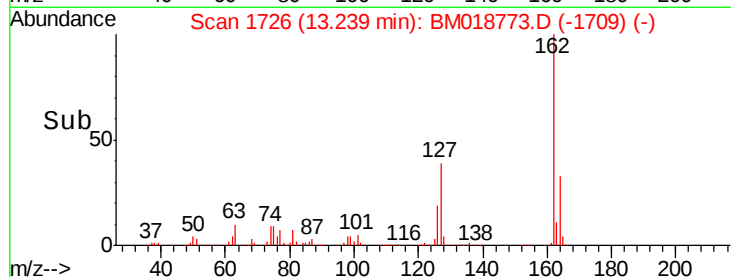
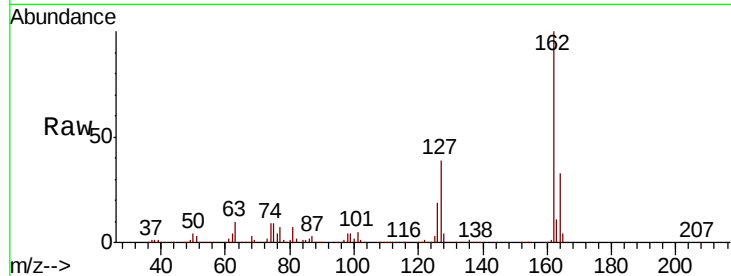
#47
2-Chloronaphthalene
Concen: 41.221 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.1	46.7
164	33.3	26.4	39.6

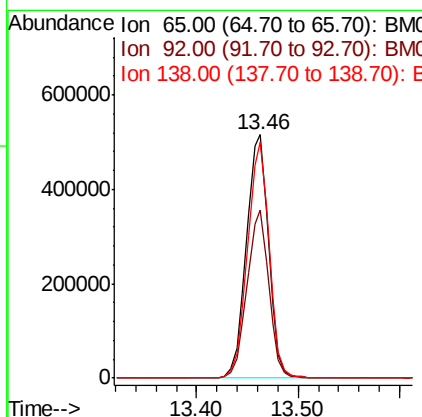
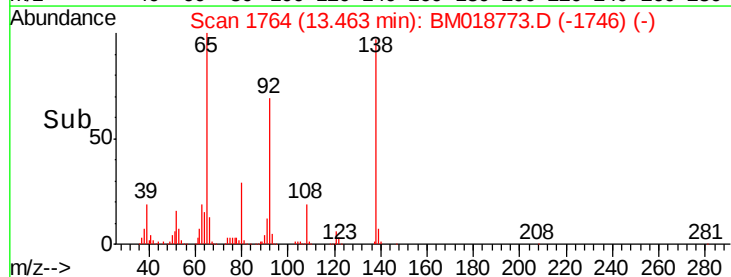
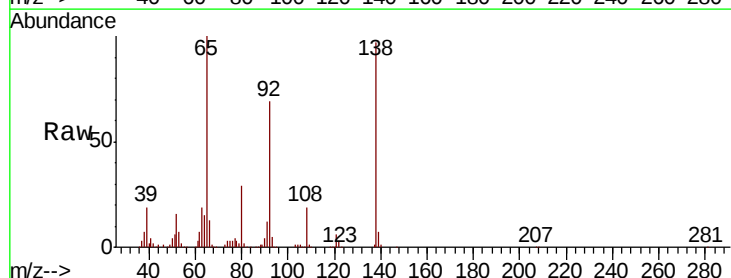
Manual Integrations
APPROVED

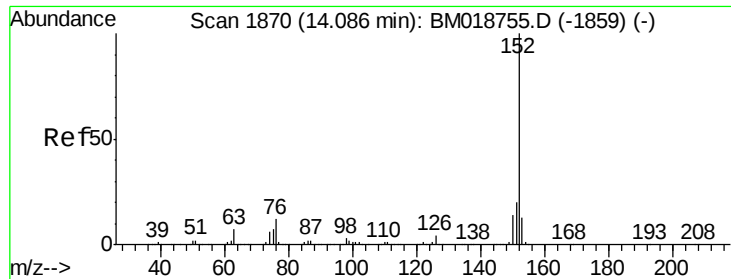
Sohil
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#48
2-Nitroaniline
Concen: 44.826 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.0	81.0
138	96.7	74.9	112.3





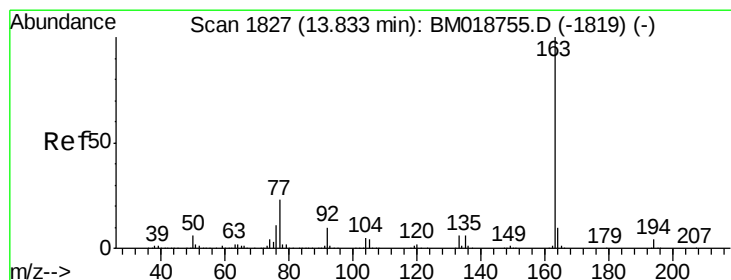
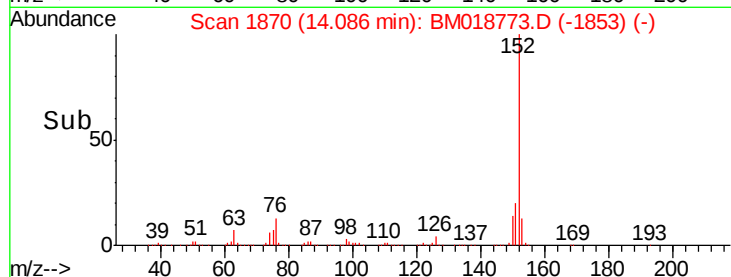
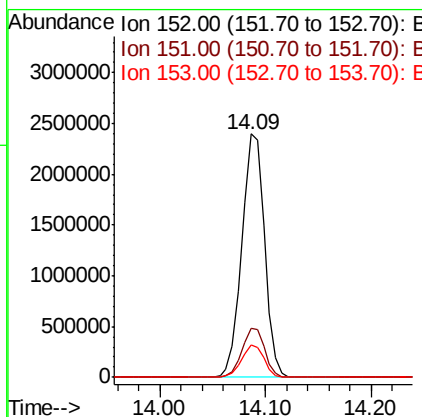
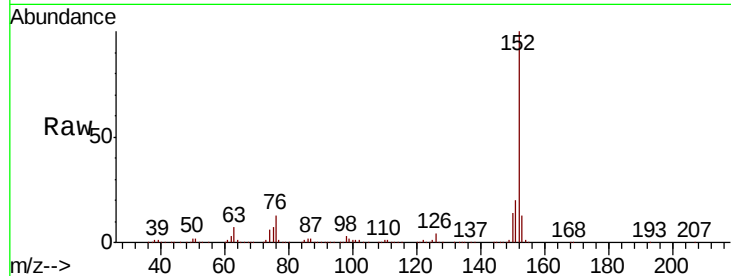
#49
Acenaphthylene
Concen: 45.497 ng
RT: 14.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.5	15.7

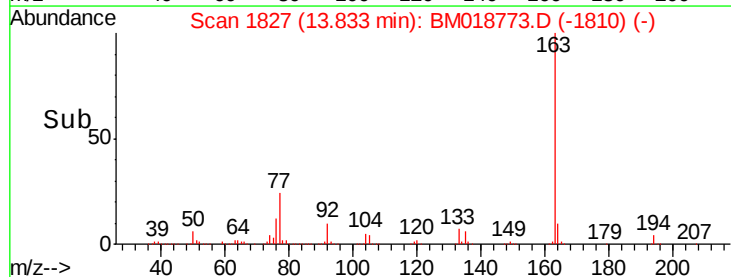
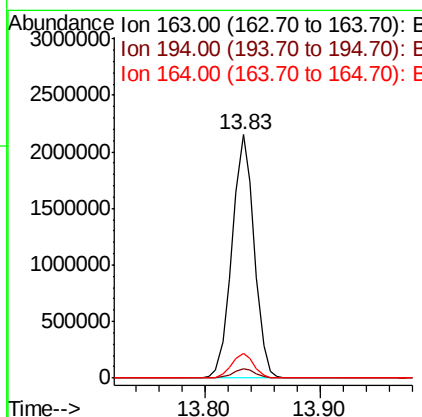
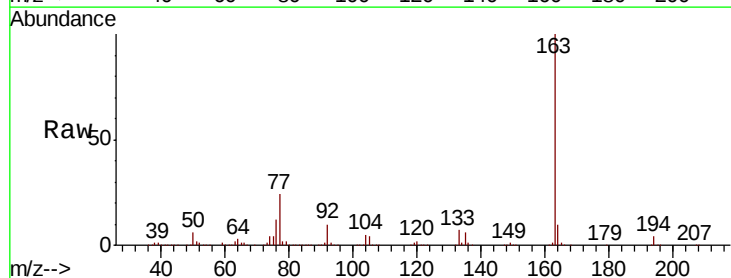
Manual Integrations
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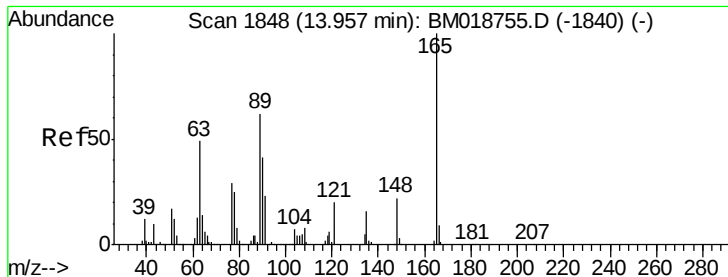
Sohil
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#50
Dimethylphthalate
Concen: 43.119 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.8	11.8





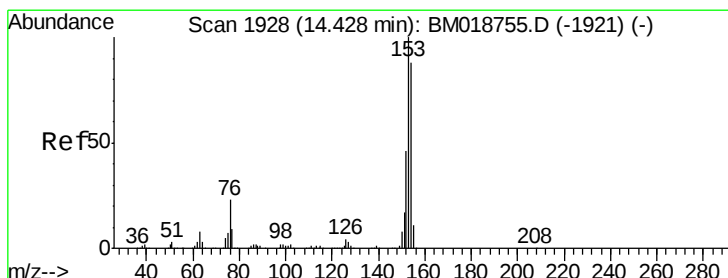
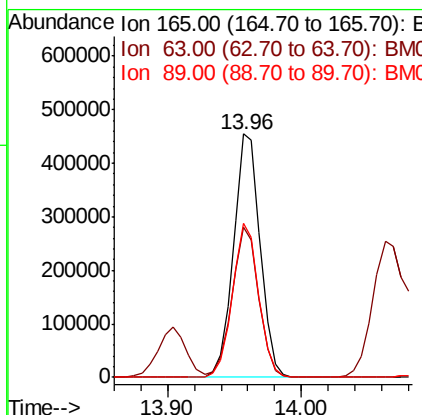
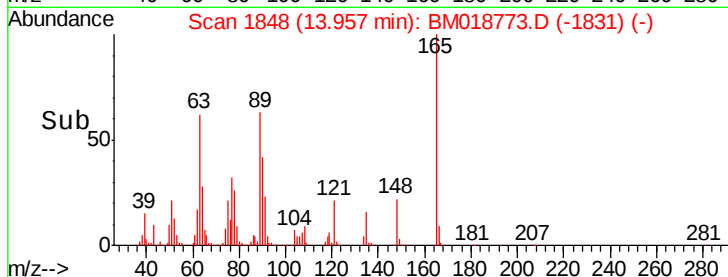
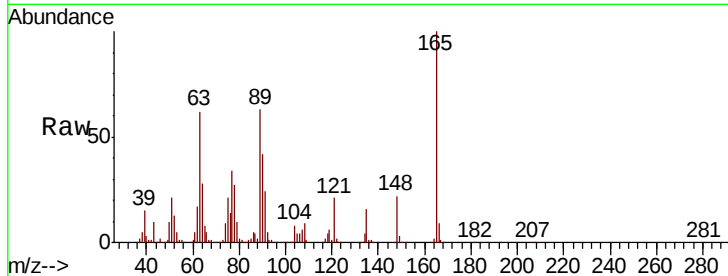
#51
 2,6-Dinitrotoluene
 Concen: 44.062 ng
 RT: 13.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion:	165	Resp:	629935
Ion Ratio		Lower	Upper
165	100		
63	61.8	48.9	73.3
89	63.2	49.4	74.0

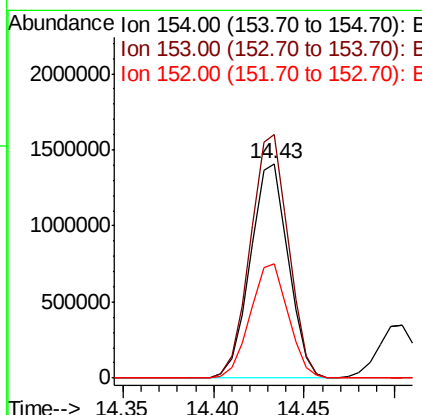
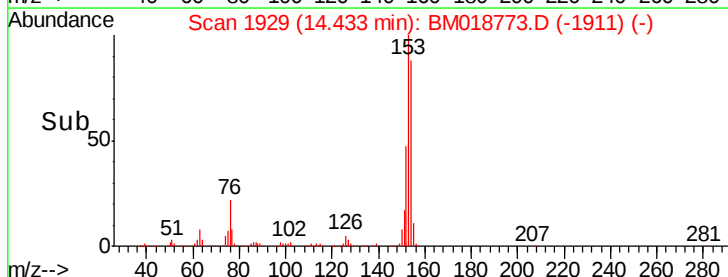
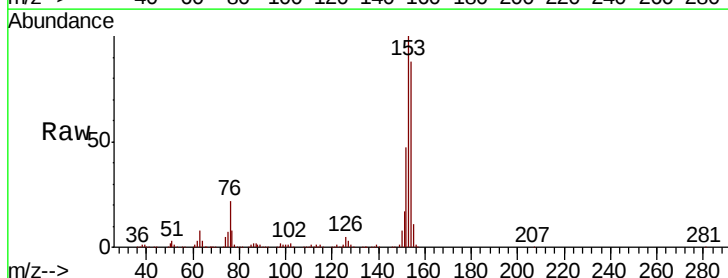
Manual Integrations
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Sohil
 2/13/2019 12:20:43 PM



#52
 Acenaphthene
 Concen: 42.503 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Tgt Ion:	154	Resp:	2043168
Ion Ratio		Lower	Upper
154	100		
153	113.4	91.3	136.9
152	53.2	42.2	63.4





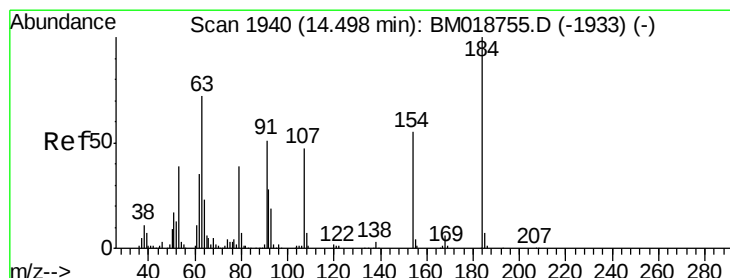
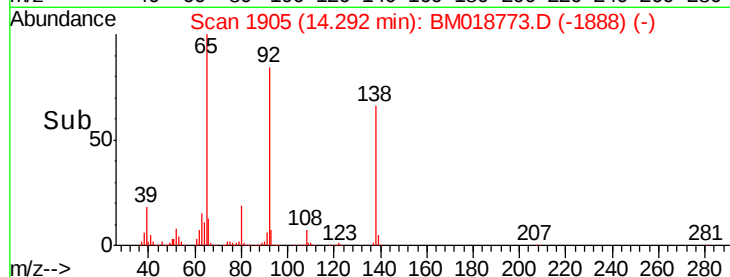
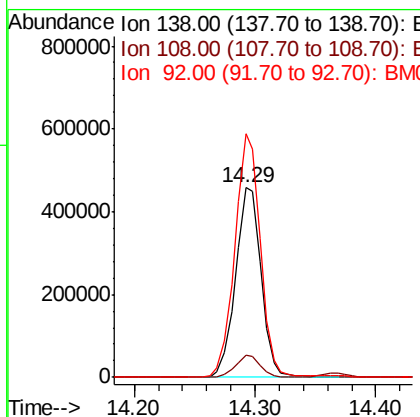
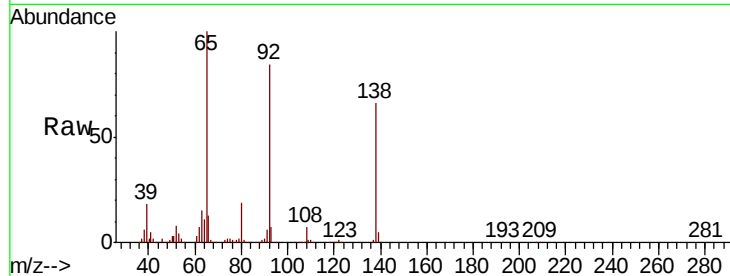
#53
3-Nitroaniline
Concen: 41.894 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	128.3	99.7	149.5

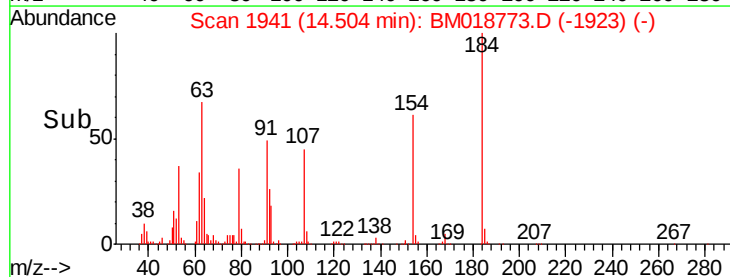
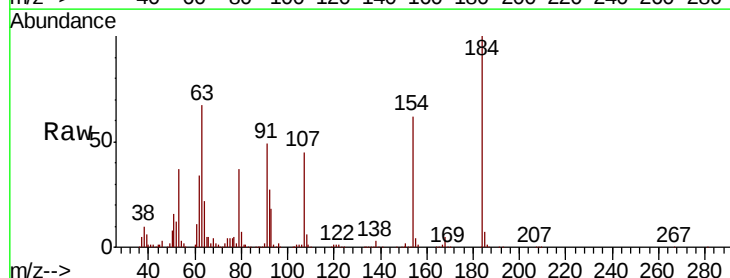
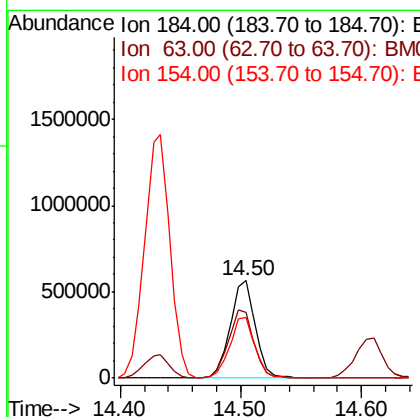
Manual Integrations
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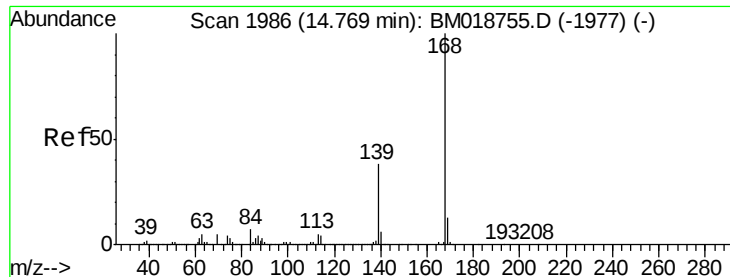
Sohil
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#54
2,4-Dinitrophenol
Concen: 89.251 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	58.0	87.0
154	62.0	50.3	75.5





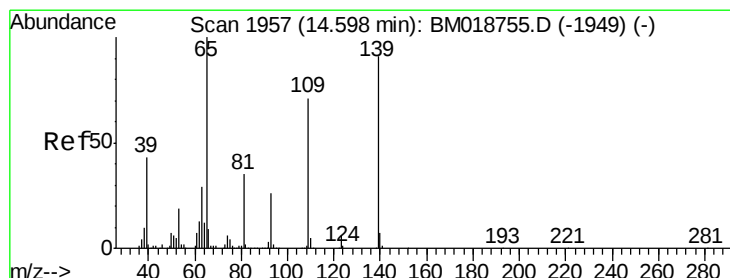
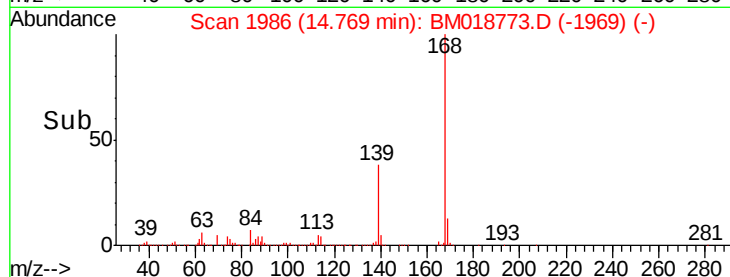
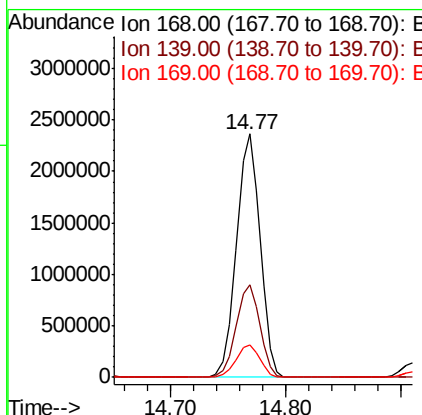
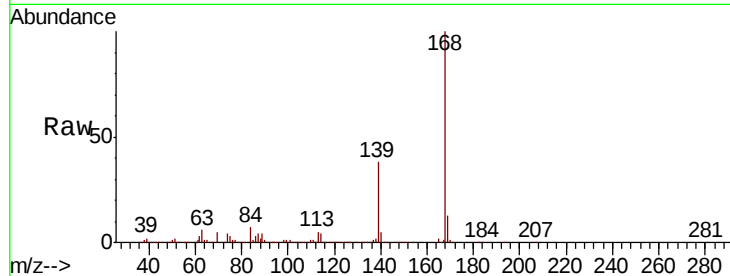
#55
Dibenzofuran
Concen: 42.271 ng
RT: 14.77 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.7	46.1
169	13.2	10.3	15.5

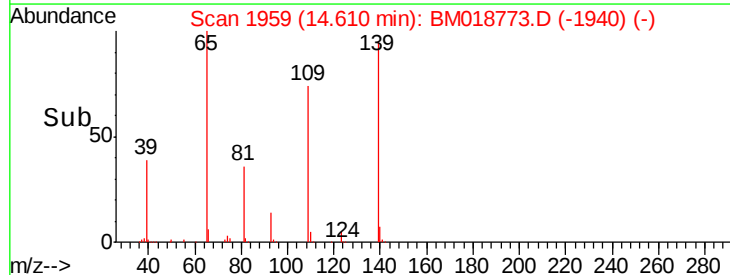
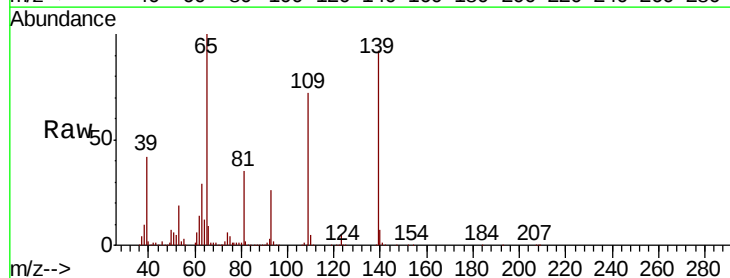
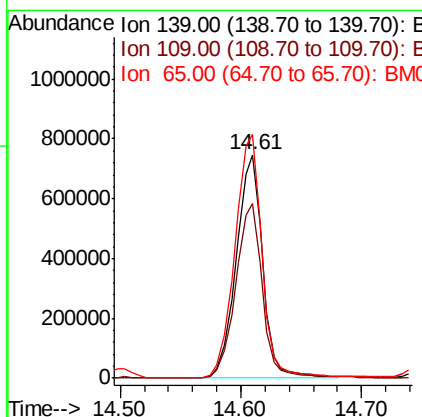
Manual Integrations
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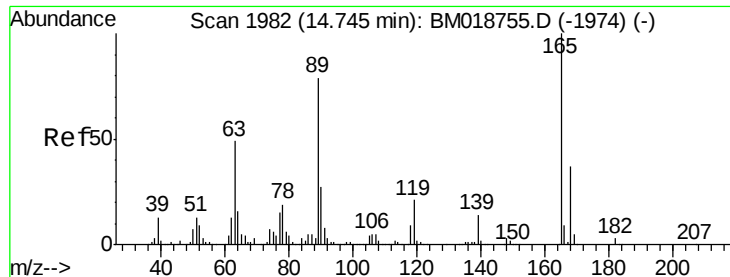
Sohil
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#56
4-Nitrophenol
Concen: 88.710 ng
RT: 14.61 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.1	58.4	98.4
65	109.0	89.8	129.8





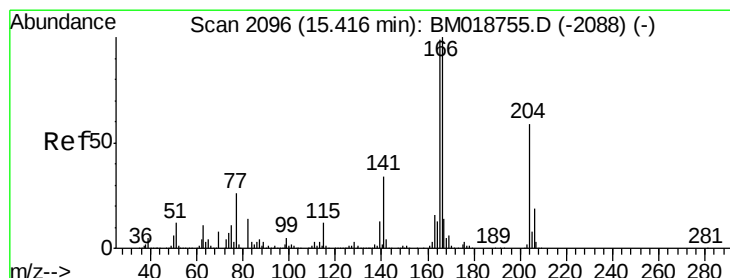
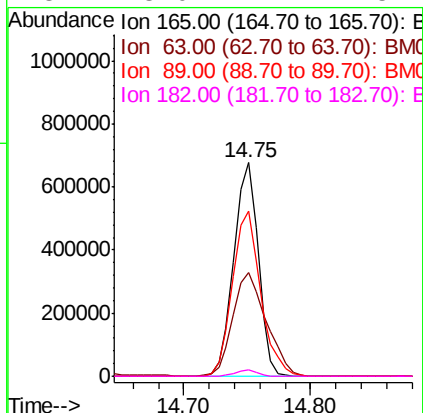
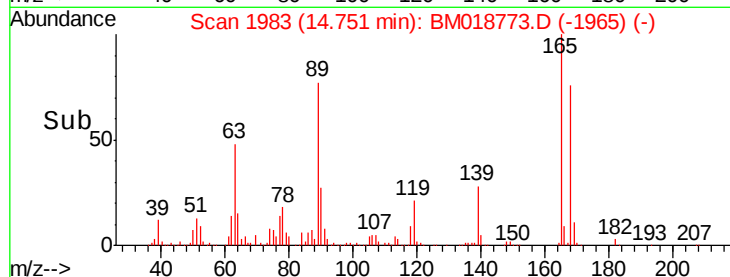
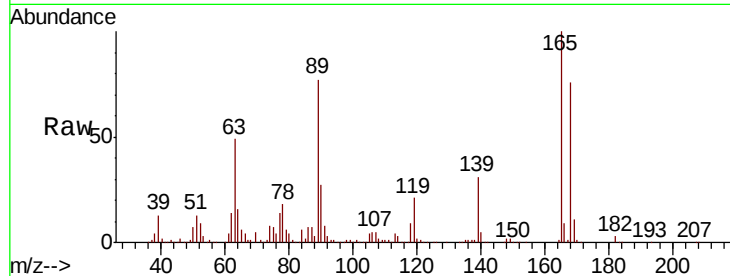
#57
2,4-Dinitrotoluene
Concen: 45.800 ng
RT: 14.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	902164		
63	48.8	39.6	59.4	
89	77.3	63.5	95.3	
182	3.0	2.2	3.4	

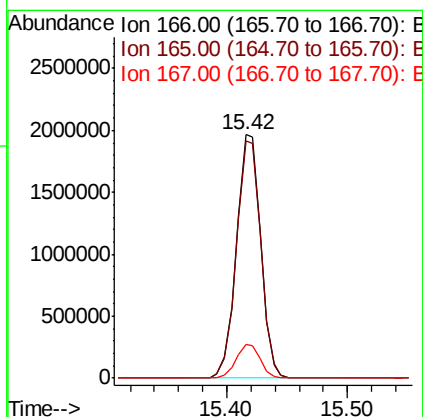
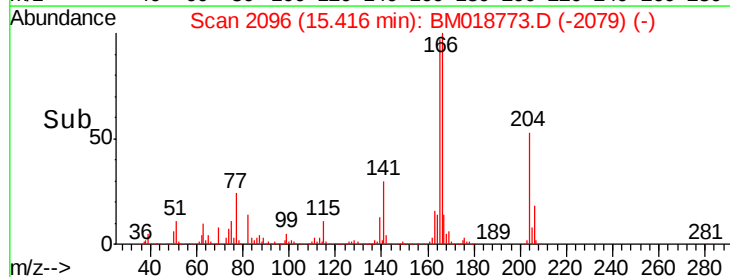
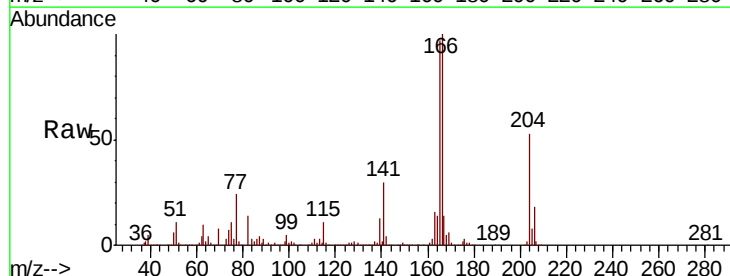
Manual Integrations
APPROVED

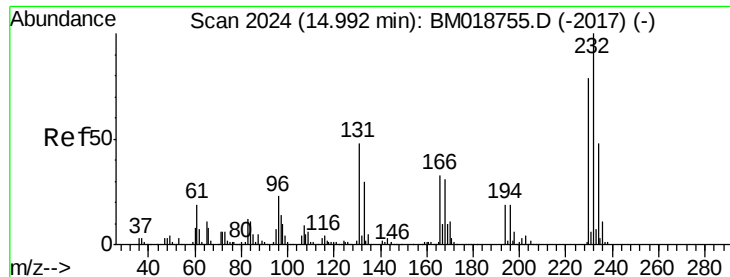
Sohil
2/13/2019 12:20:43 PM



#58
Fluorene
Concen: 45.487 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2749574		
165	97.4	79.1	118.7	
167	13.9	11.0	16.4	





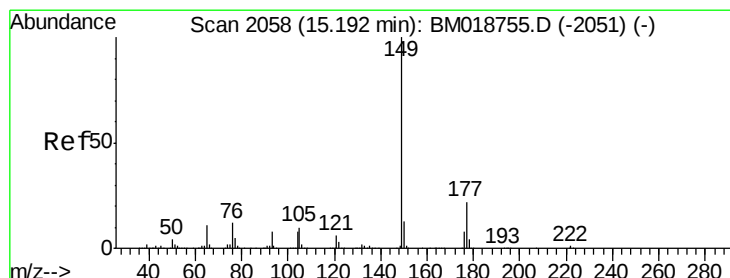
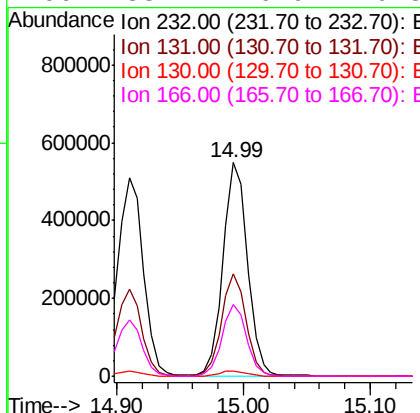
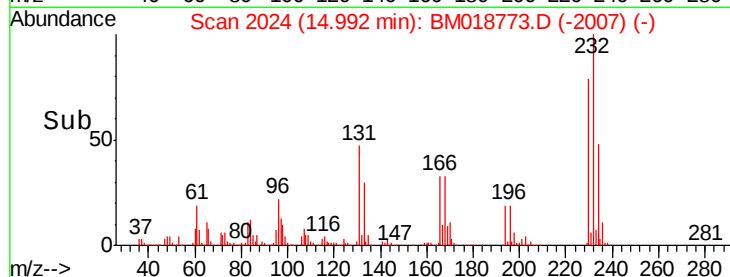
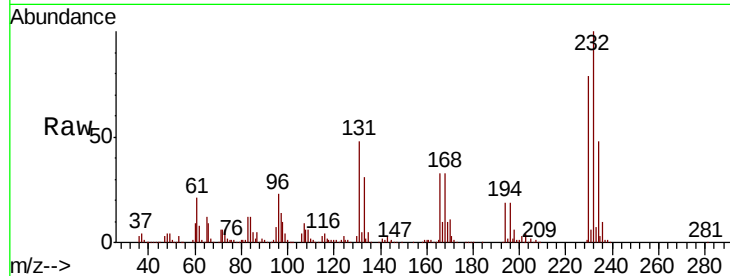
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.185 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	38.6	57.8
130	2.6	2.0	3.0
166	33.7	26.9	40.3

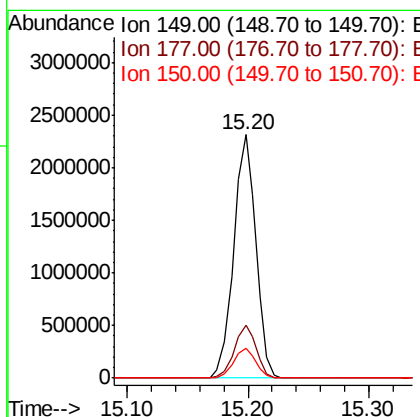
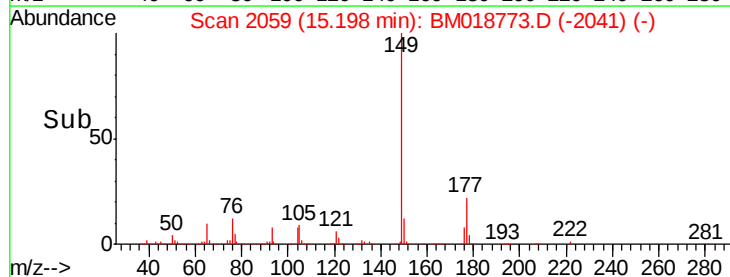
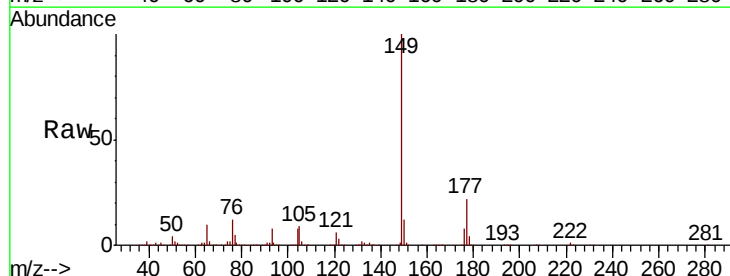
Manual Integrations
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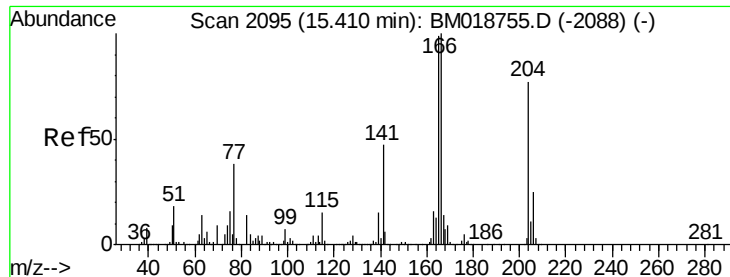
Sohil
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#60
 Diethylphthalate
 Concen: 43.374 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.5	10.2	15.2





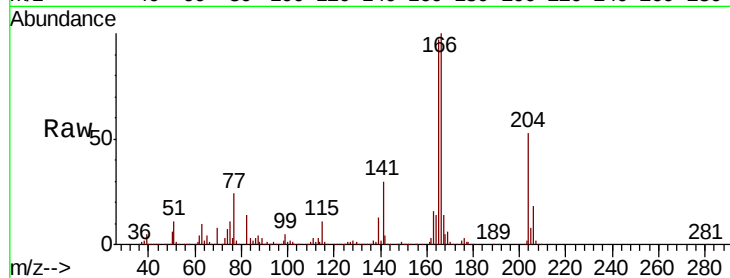
#61
4-Chlorophenyl-phenylether
Concen: 40.559 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampled :
PB117038BSD

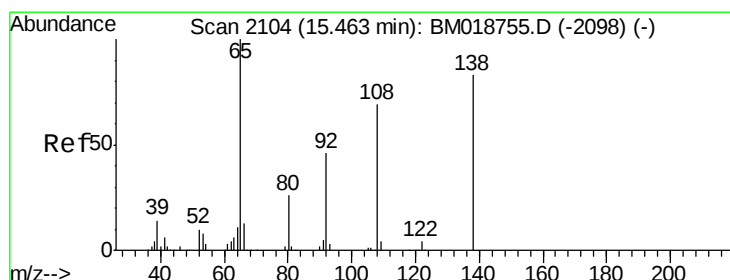
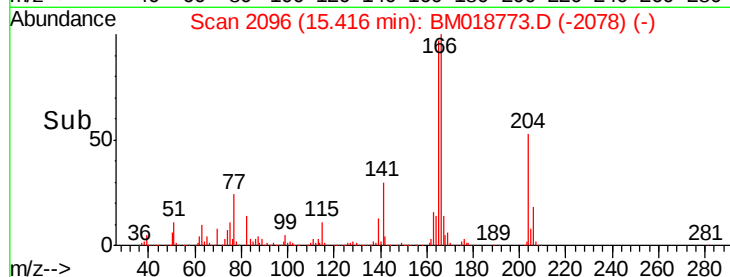
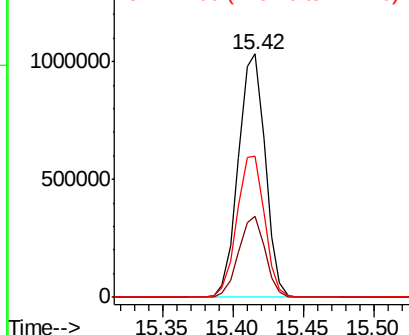
Tot Ion:204 Resp: 1374609
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 57.9 49.2 73.8

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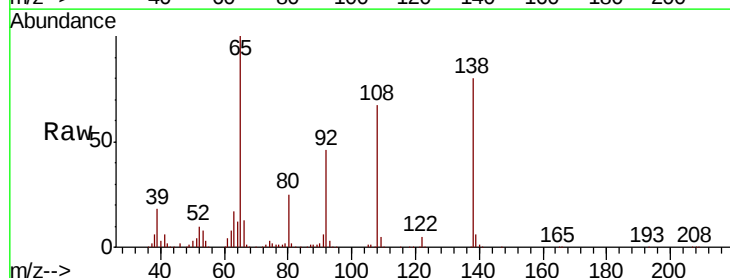


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

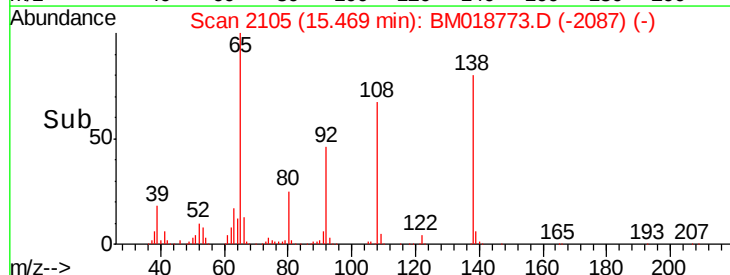
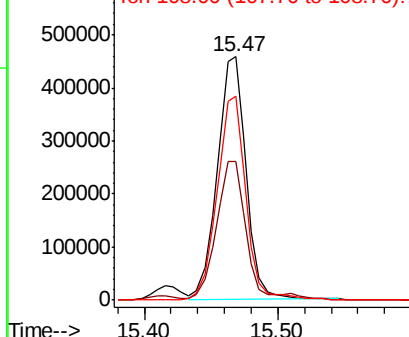


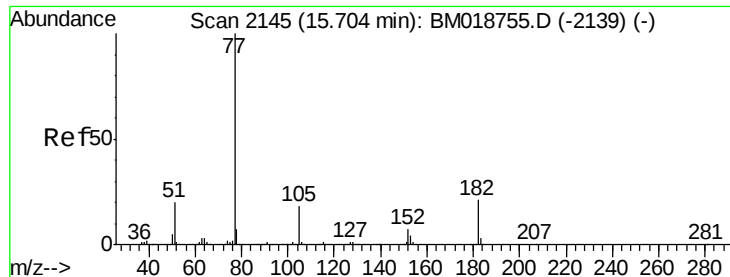
#62
4-Nitroaniline
Concen: 43.762 ng
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion:138 Resp: 693029
Ion Ratio Lower Upper
138 100
92 57.1 35.5 75.5
108 83.6 62.4 102.4



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





#63

Azobenzene

Concen: 42.864 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion: 77 Resp: 3128839

Ion Ratio Lower Upper

77 100

182 22.1 1.0 41.0

105 18.4 0.0 37.7

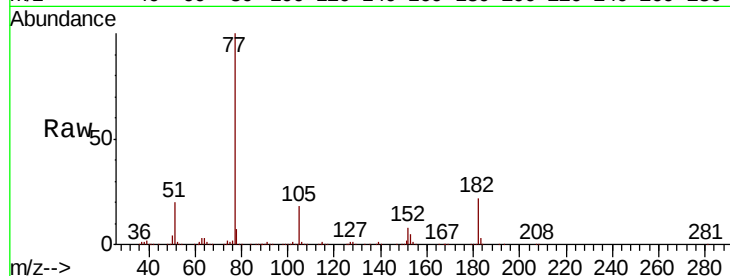
51 20.2 0.3 40.3

Manual Integrations

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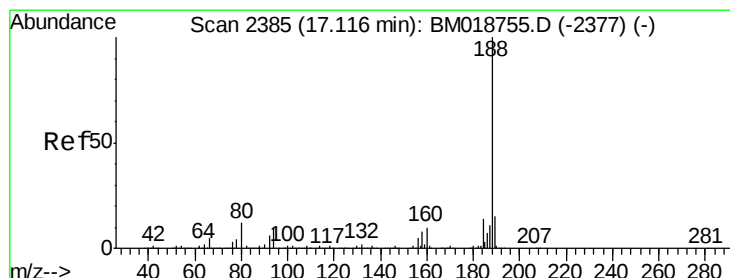
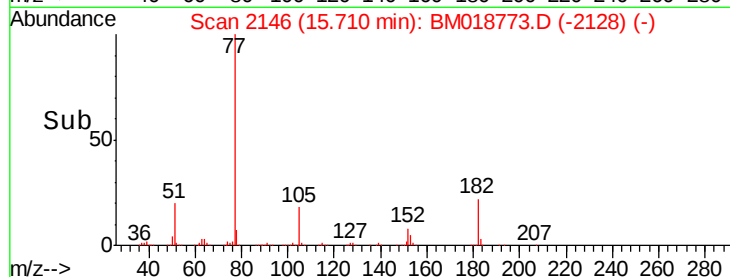
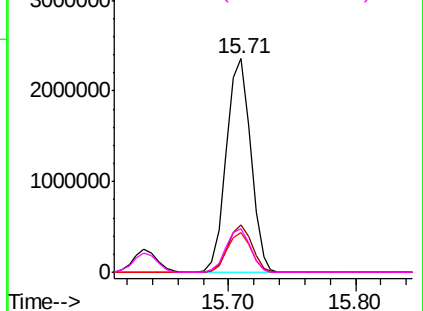


Abundance Ion 77.00 (76.70 to 77.70): BM018773.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018773.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018773.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018773.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

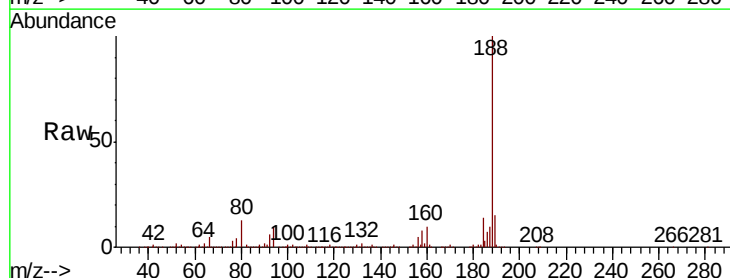
Tgt Ion: 188 Resp: 1837829

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

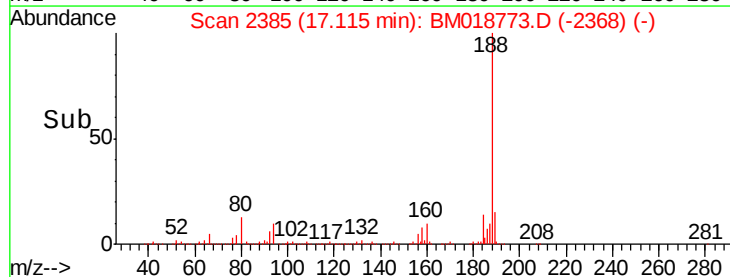
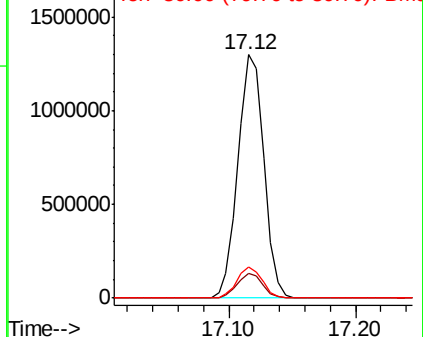
80 13.0 9.7 14.5

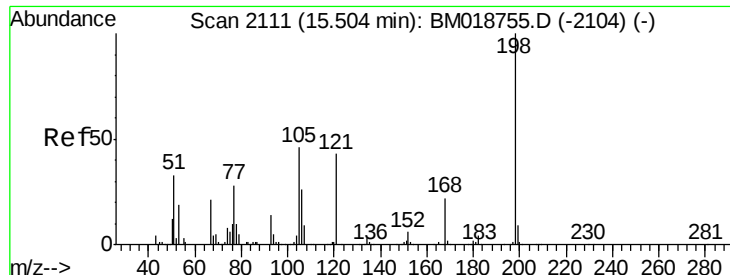


Abundance Ion 188.00 (187.70 to 188.70): BM018773.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018773.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018773.D (-2368) (-)





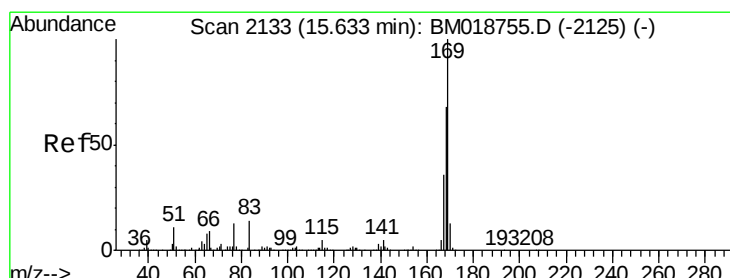
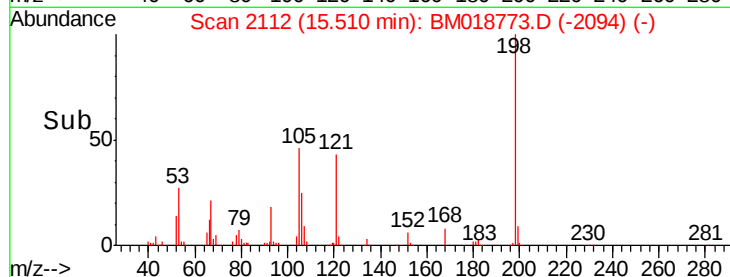
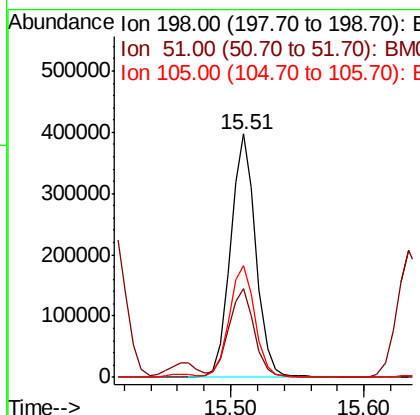
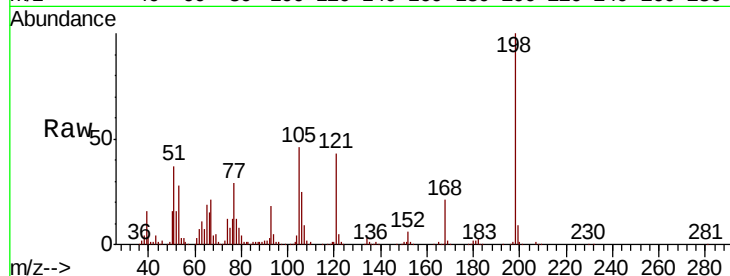
#65
4,6-Dinitro-2-methylphenol
Concen: 40.500 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampled :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	522593		
51	36.7	18.4	58.4	
105	45.9	27.2	67.2	

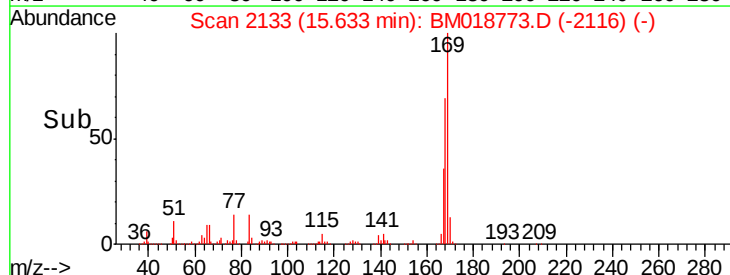
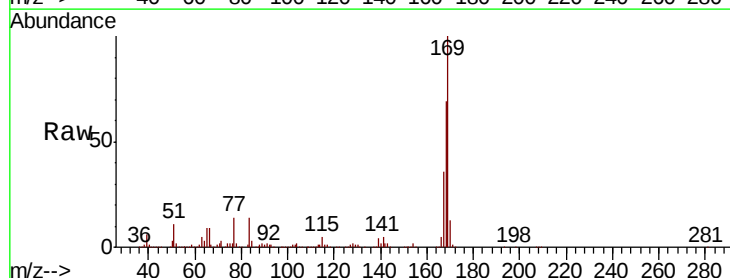
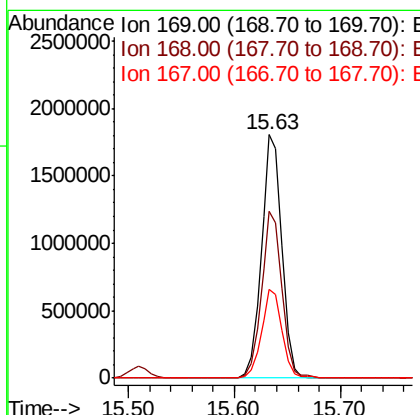
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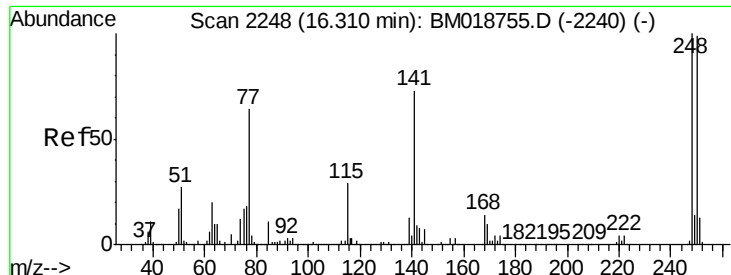
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.675 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2419825		
168	68.7	54.4	81.6	
167	36.4	29.0	43.6	





#67

4-Bromophenyl-phenylether

Concen: 40.404 ng

RT: 16.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

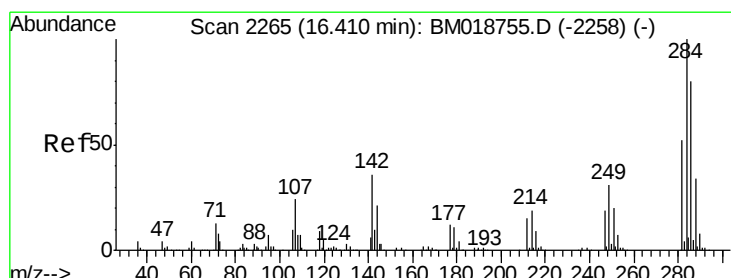
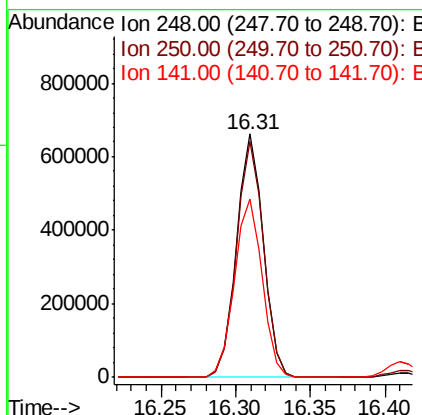
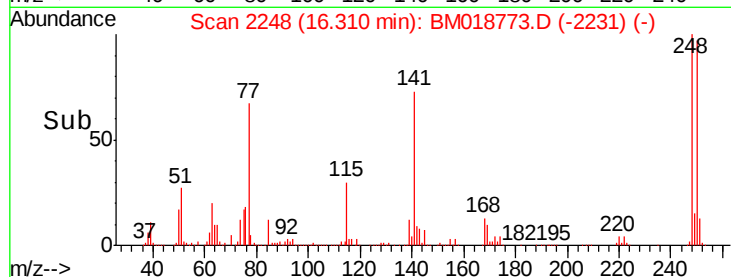
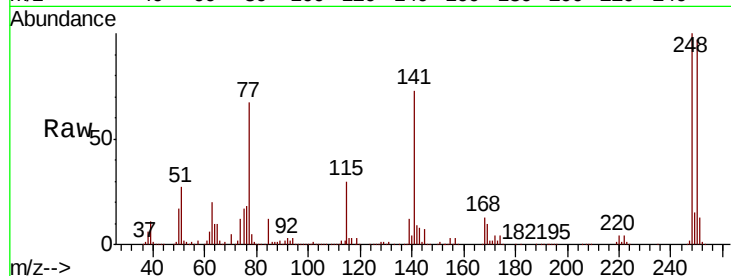
ClientSampleId :

PB117038BSD

Tot Ion:	248	Resp:	831168
Ion Ratio	Lower	Upper	
248	100		
250	97.1	79.0	118.6
141	73.4	58.6	88.0

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#68

Hexachlorobenzene

Concen: 39.992 ng

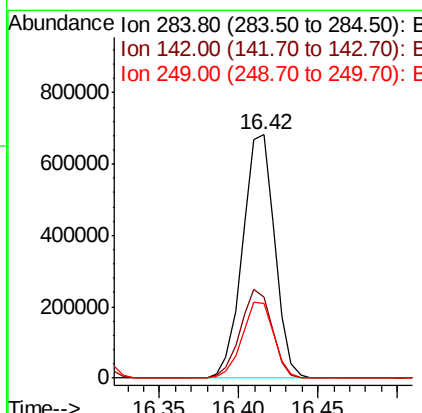
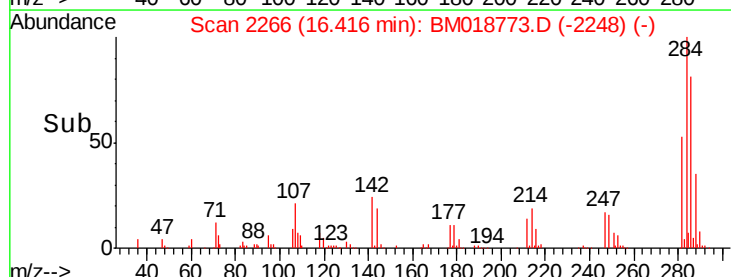
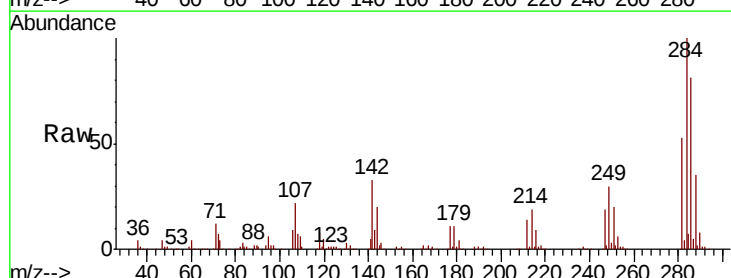
RT: 16.42 min Scan# 2266

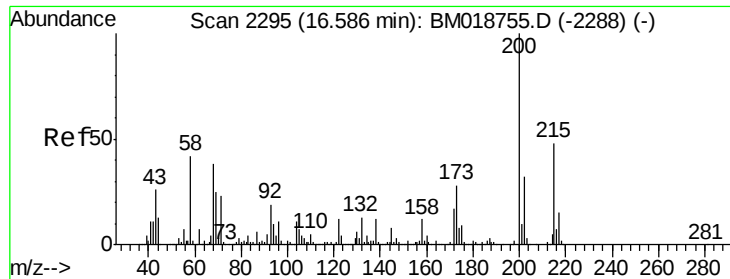
Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tgt Ion:	284	Resp:	956250
Ion Ratio	Lower	Upper	
284	100		
142	33.4	28.9	43.3
249	30.4	24.8	37.2





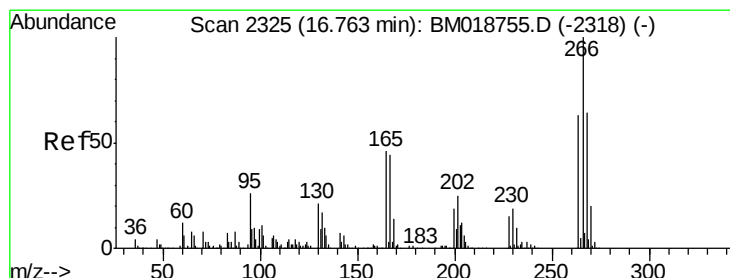
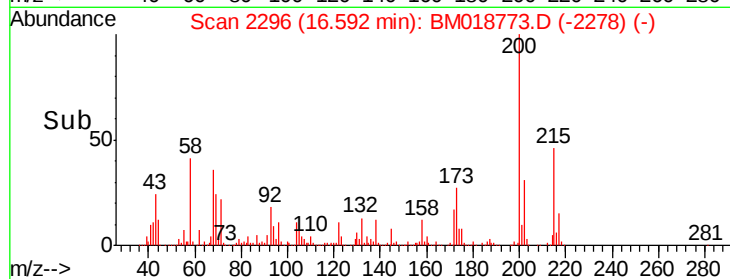
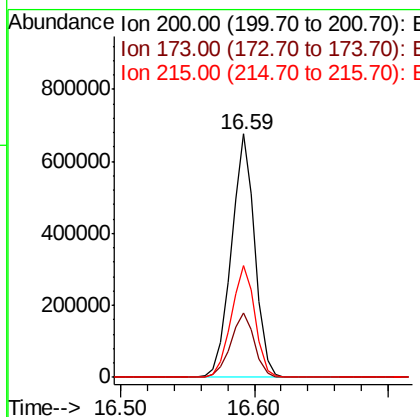
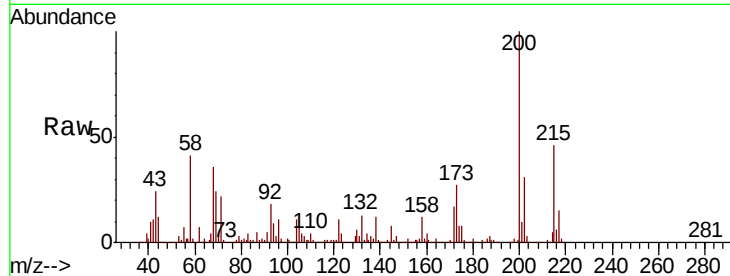
#69
Atrazine
Concen: 44.197 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.6	47.6
215	46.1	27.6	67.6

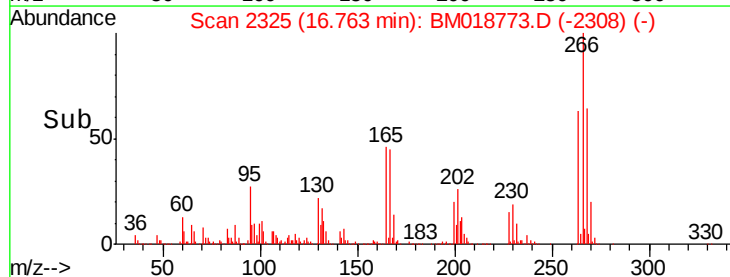
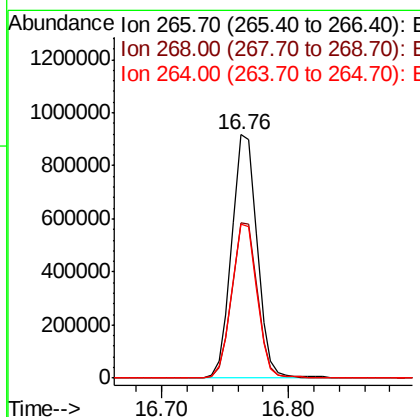
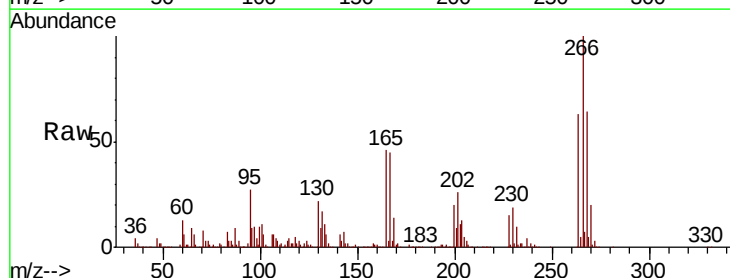
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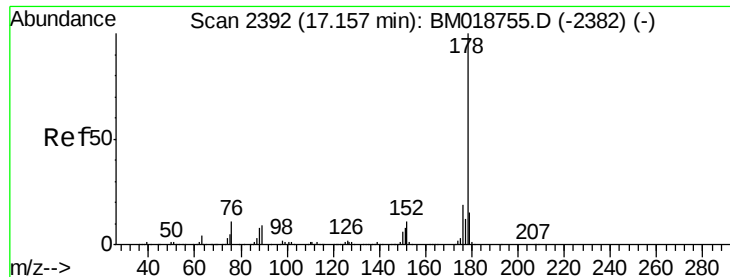
Sohil
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#70
Pentachlorophenol
Concen: 82.627 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.3	76.9
264	63.4	50.6	75.8





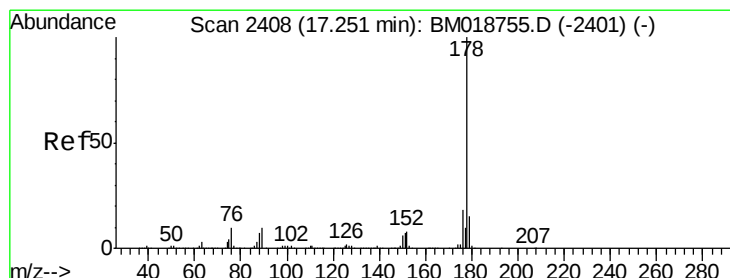
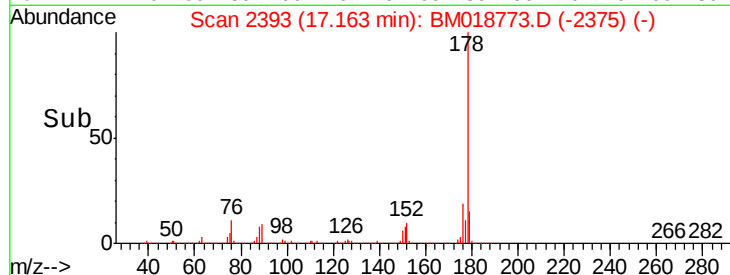
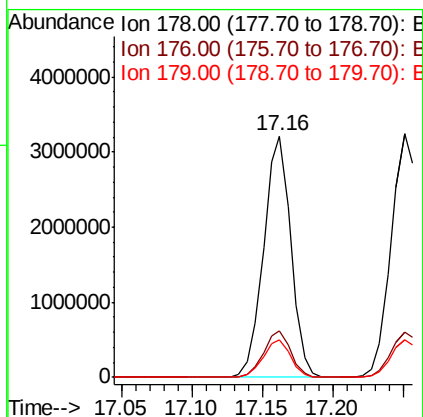
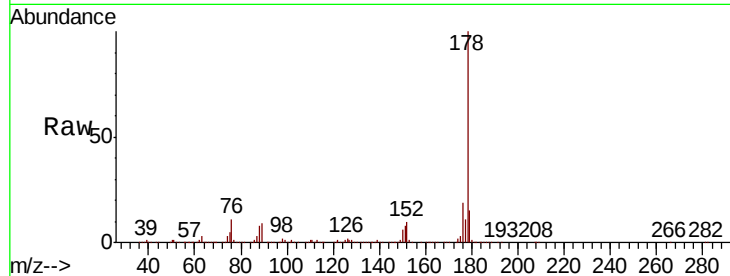
#71
Phenanthrene
Concen: 44.173 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion:178 Resp: 4362819
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.3 18.5

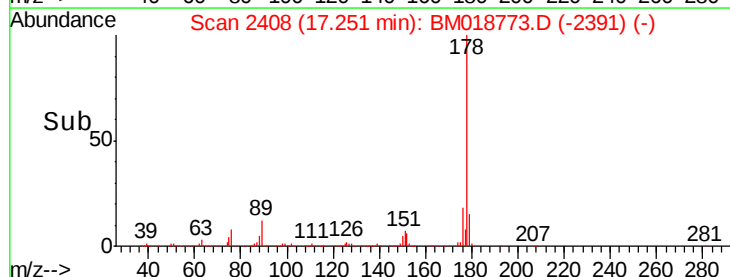
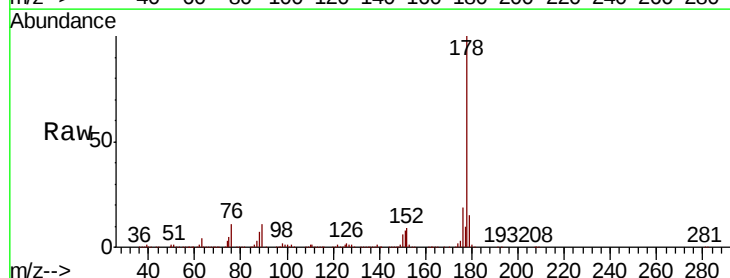
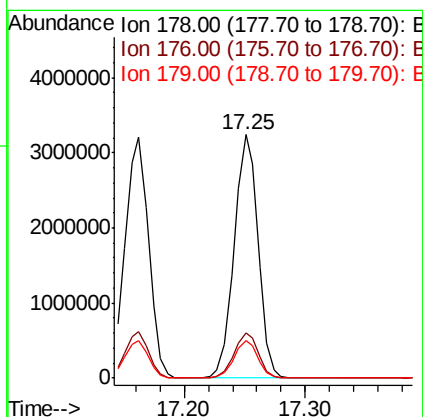
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#72
Anthracene
Concen: 46.360 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion:178 Resp: 4456789
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.1 18.1





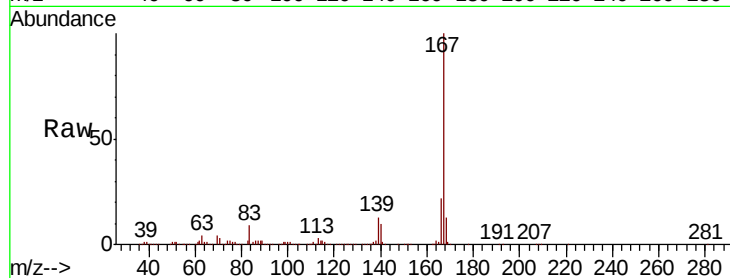
#73
 Carbazole
 Concen: 40.995 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. 0.01 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

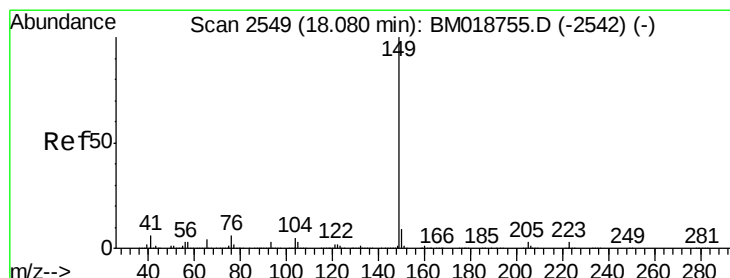
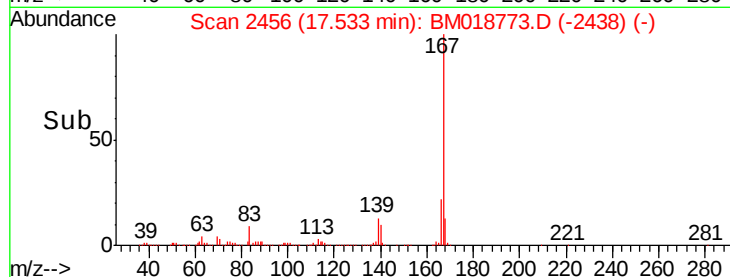
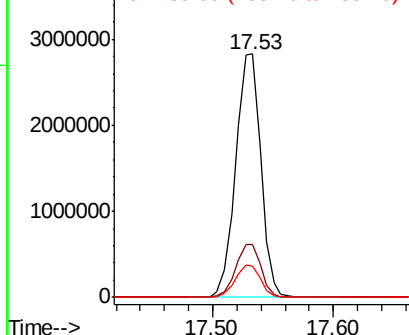
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	13.0	10.9	16.3

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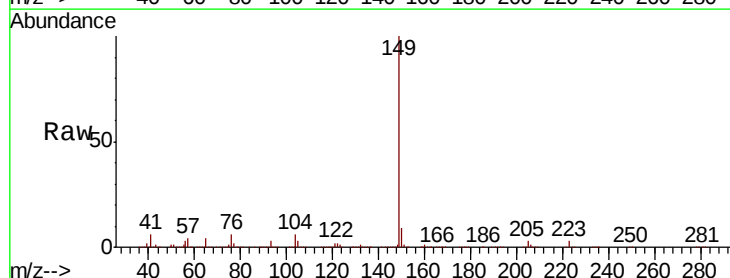


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

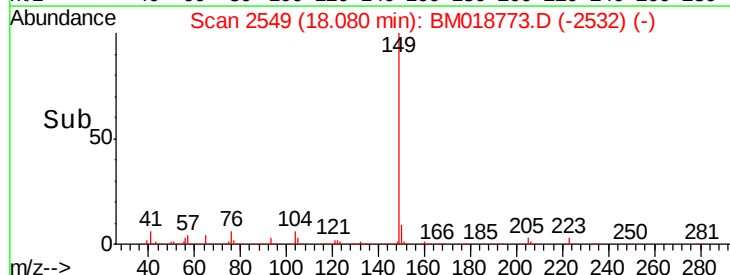
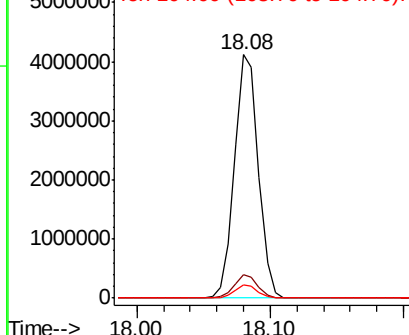


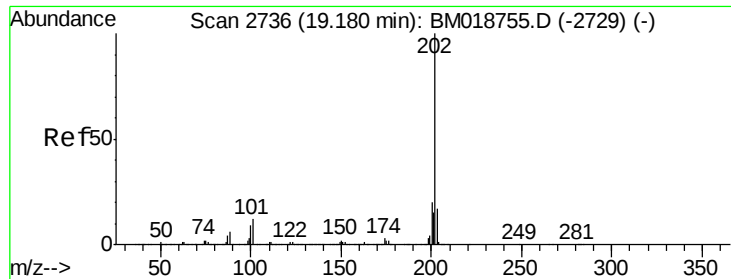
#74
 Di-n-butylphthalate
 Concen: 44.335 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.6	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.711 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

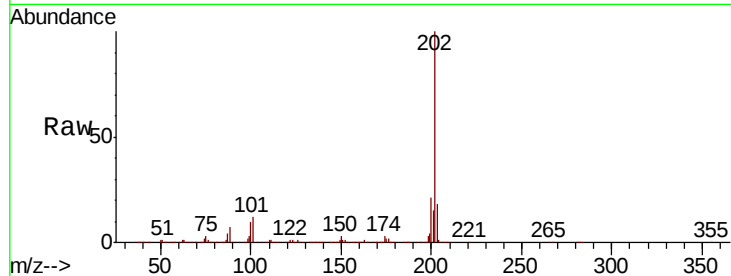
ClientSampleId :

PB117038BSD

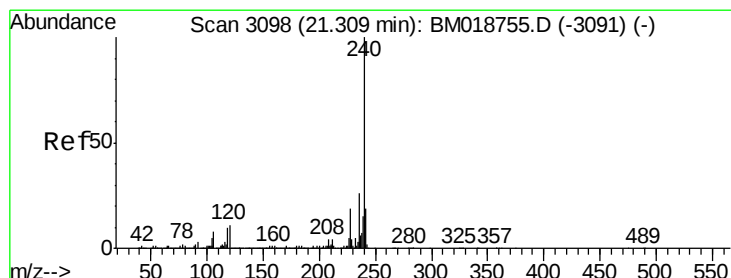
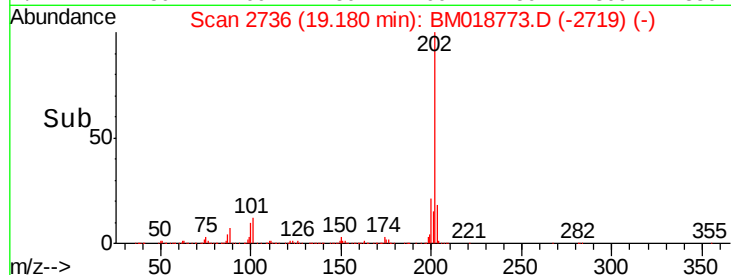
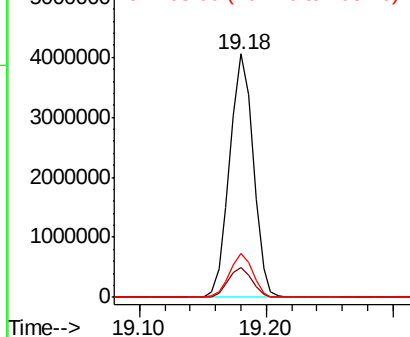
Tot Ion:	202	Resp:	5215078
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
203	17.9	0.0	37.3

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



#76

Chrysene-d12

Concen: 20.000 ng

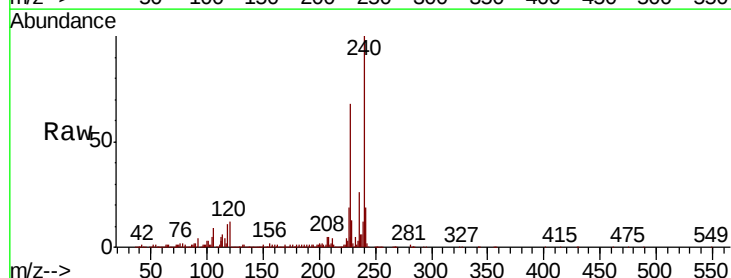
RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

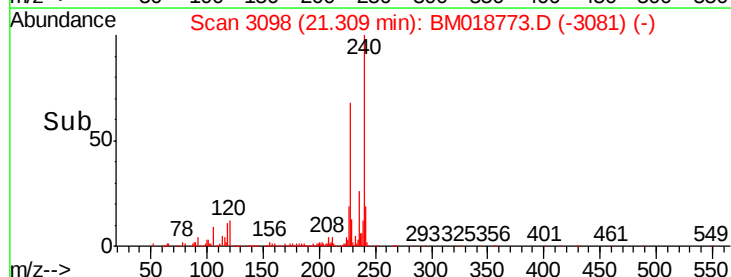
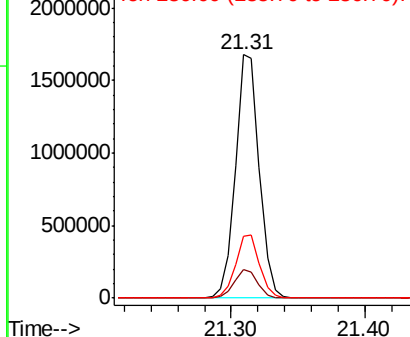
Lab File: BM018773.D

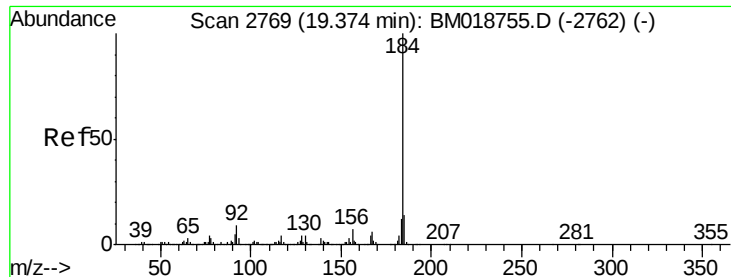
Acq: 12 Feb 2019 15:22

Tgt Ion:	240	Resp:	2078547
Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.6	20.9	31.3



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





#77

Benzidine

Concen: 134.401 ng

RT: 19.39 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:184 Resp: 6291564

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

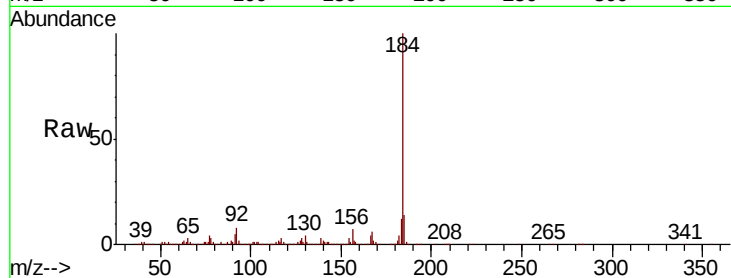
183 12.4 9.7 14.5

Manual Integrations

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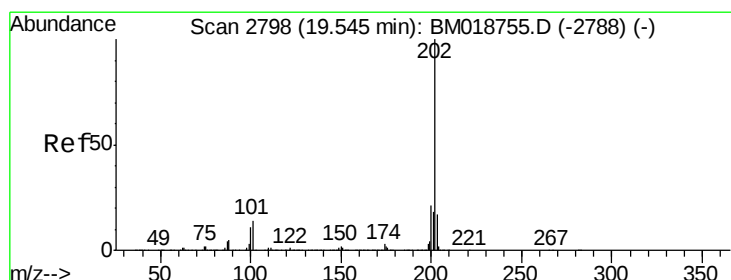
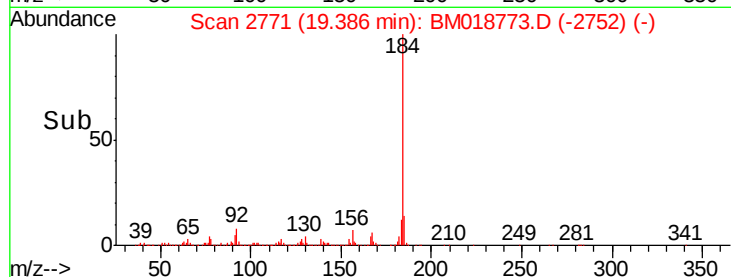
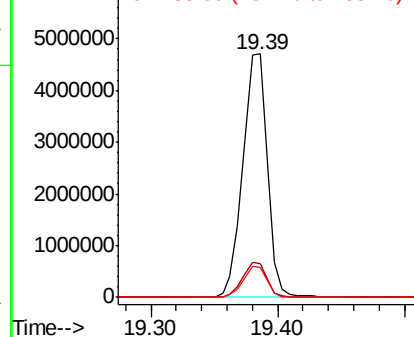


Abundance

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: 44.240 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

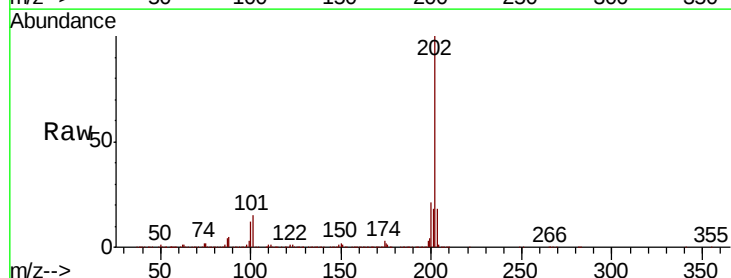
Tgt Ion:202 Resp: 5340649

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.9 13.8 20.8

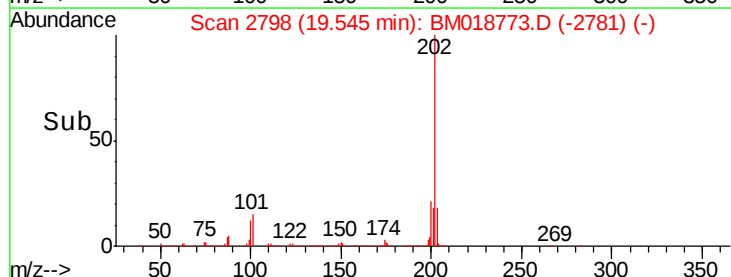
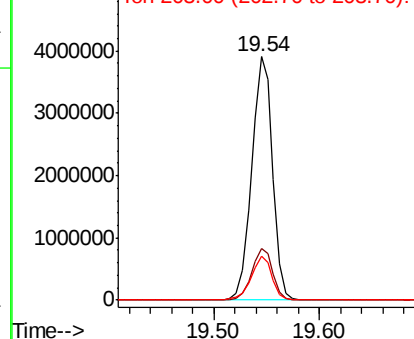


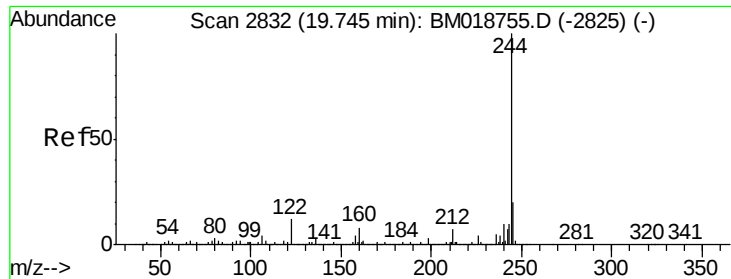
Abundance

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





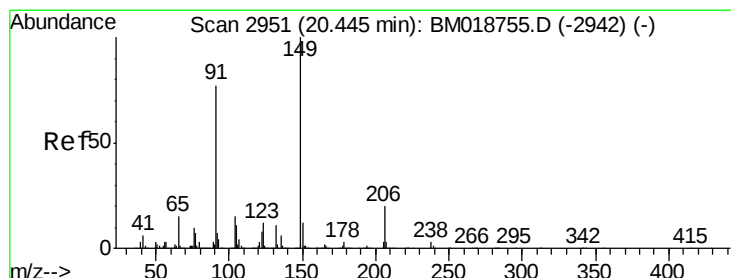
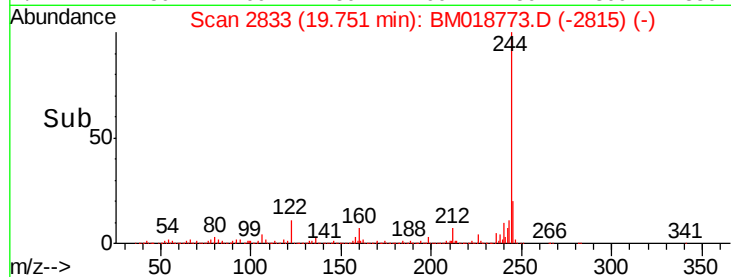
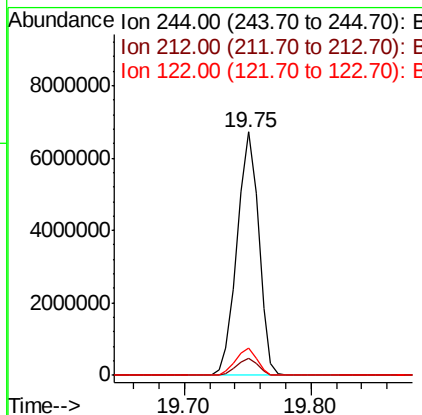
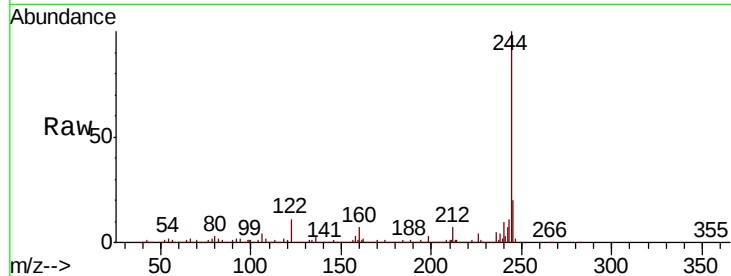
#79
 Terphenyl-d14
 Concen: 78.385 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.2	9.3	13.9

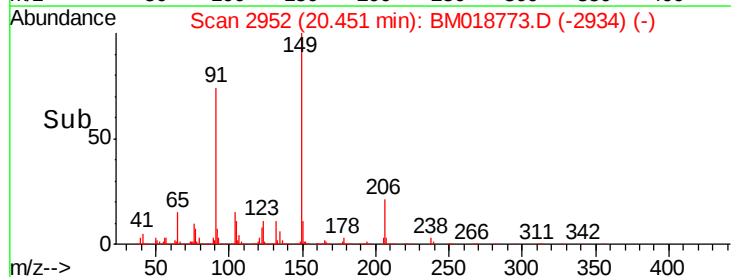
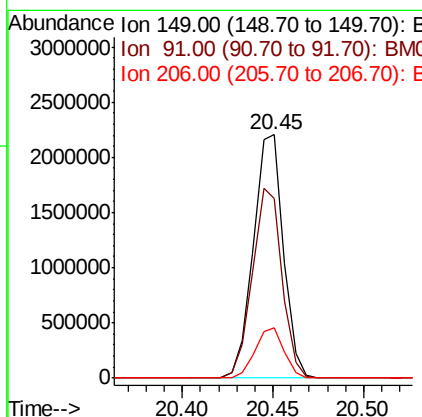
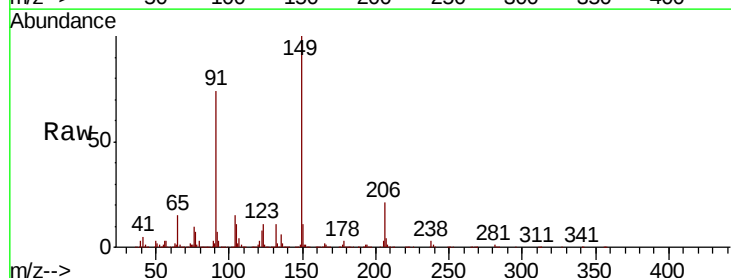
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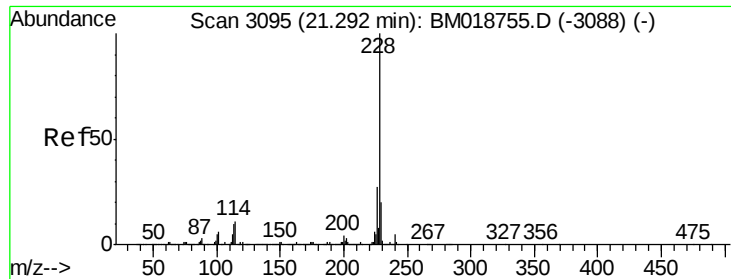
Sohil
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#80
 Butylbenzylphthalate
 Concen: 46.184 ng
 RT: 20.45 min Scan# 2952
 Delta R.T. 0.01 min
 Lab File: BM018773.D
 Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	61.4	92.0
206	20.9	15.8	23.8





#81

Benzo(a)anthracene

Concen: 45.138 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

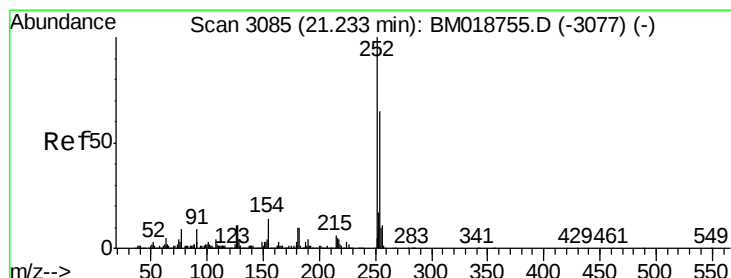
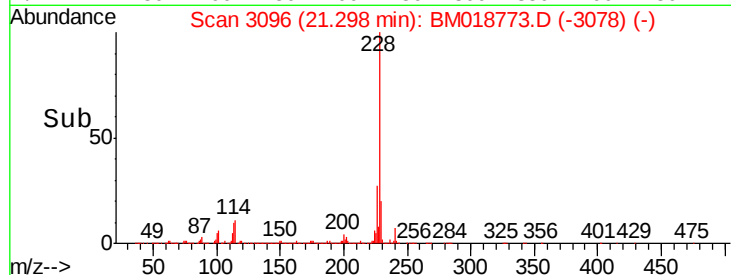
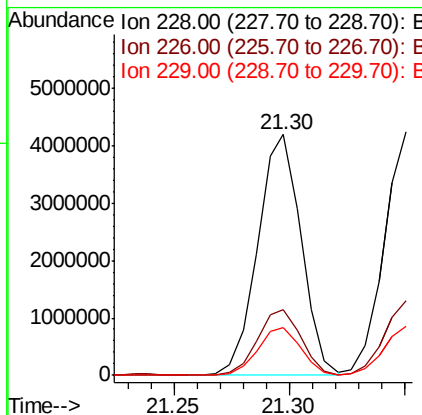
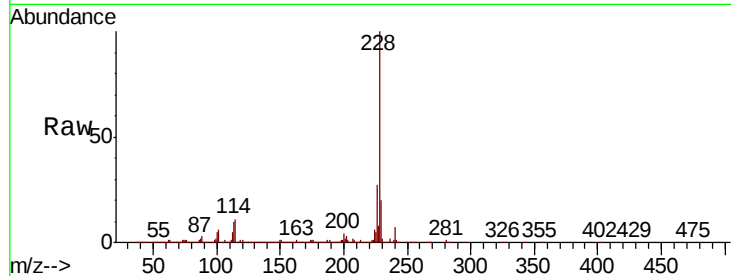
ClientSampleId :

PB117038BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.9	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 45.317 ng

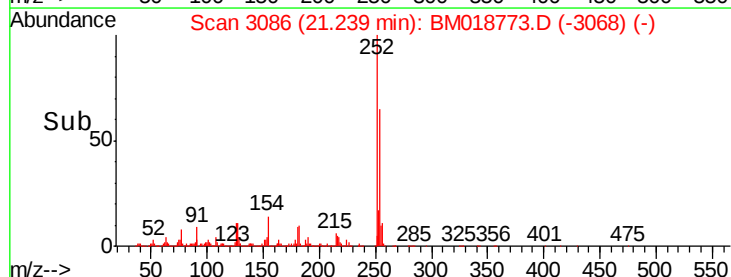
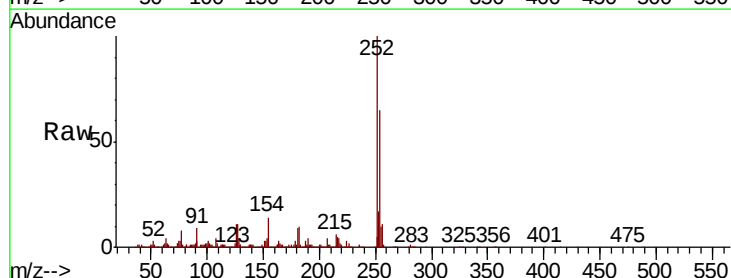
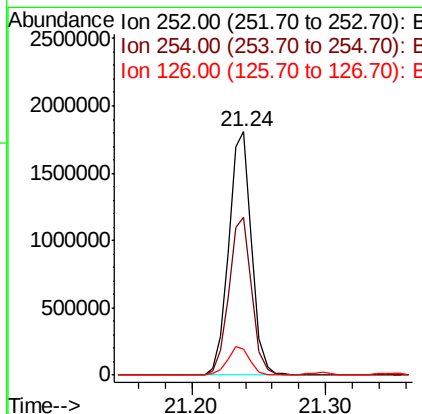
RT: 21.24 min Scan# 3086

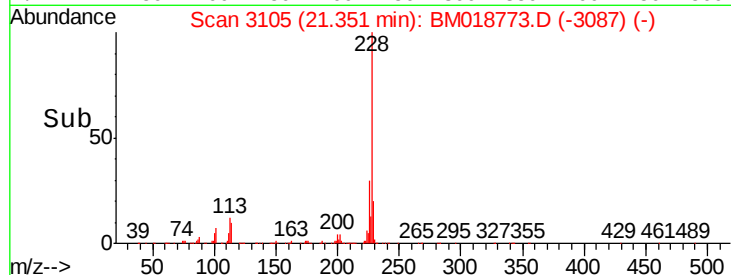
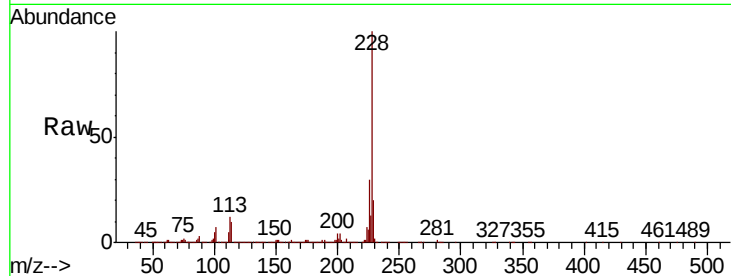
Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.8
126	10.8	9.1	13.7





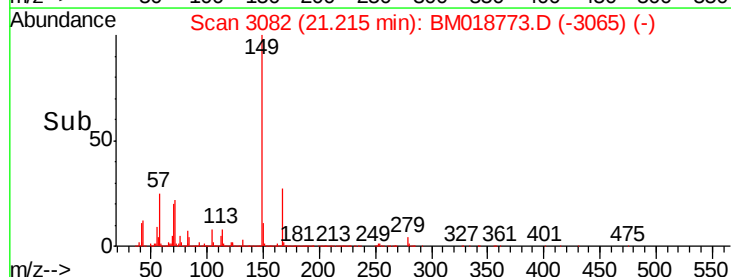
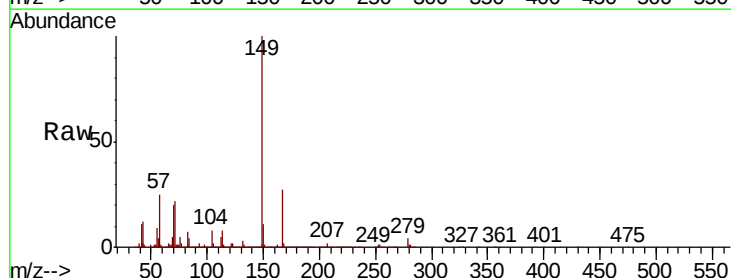
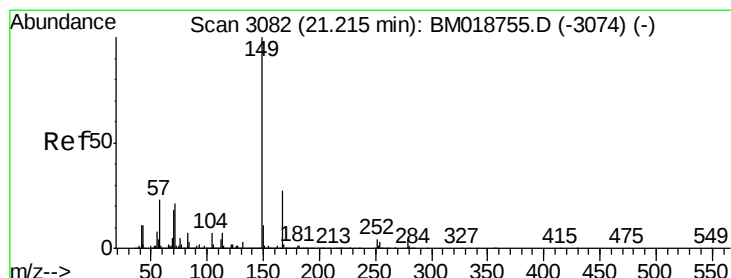
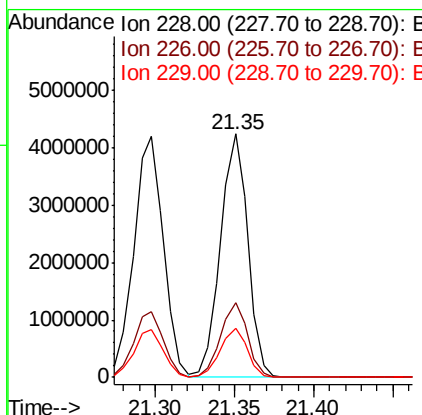
#83
Chrysene
Concen: 43.621 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.0	16.0	24.0

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

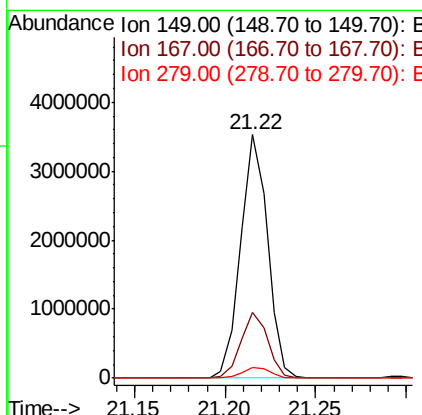
Manual Integrations
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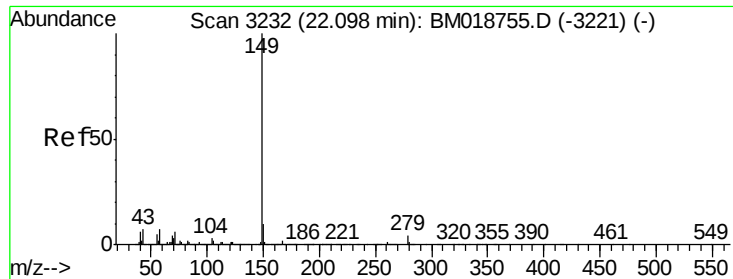
Sohil
2/13/2019 12:20:43 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.416 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.6
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.128 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Instrument :

BNA_M

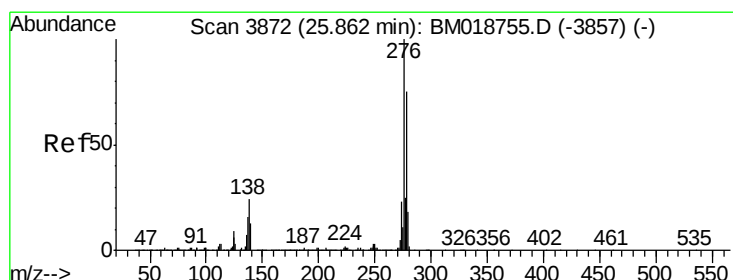
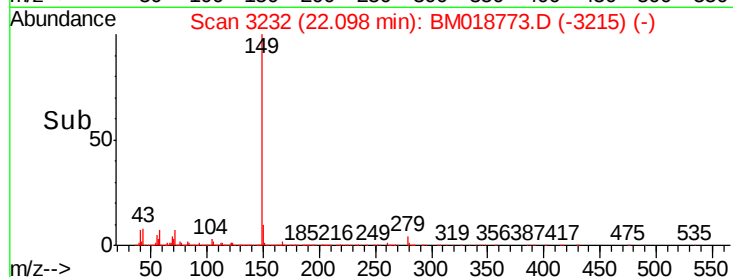
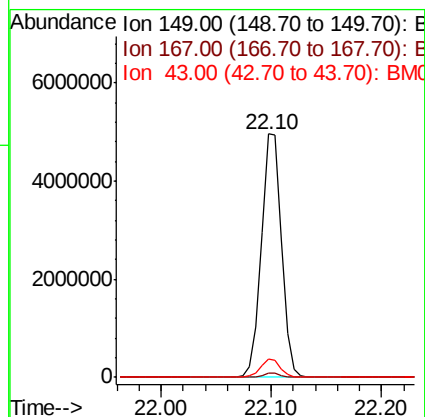
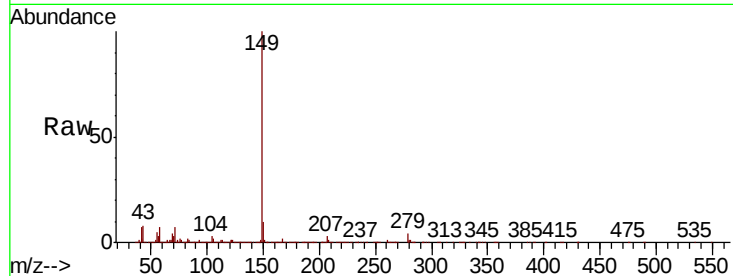
ClientSampleId :

PB117038BSD

Tot Ion:	149	Resp:	6378069
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.089 ng

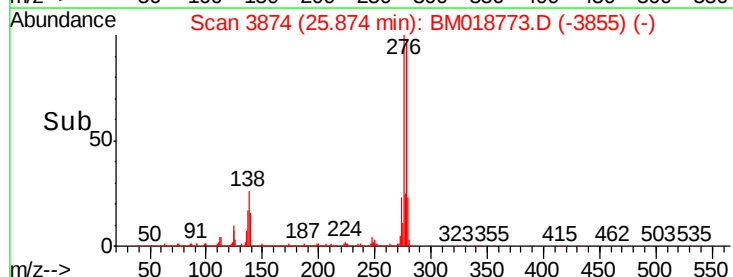
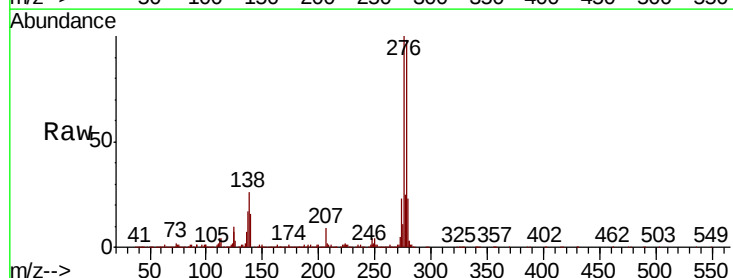
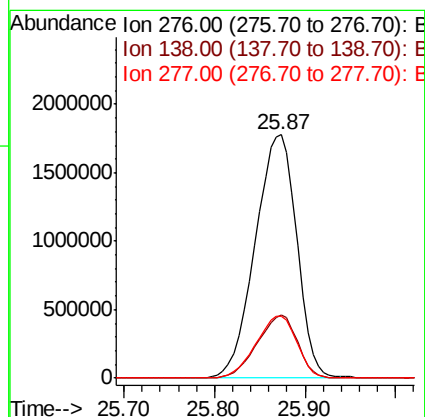
RT: 25.87 min Scan# 3874

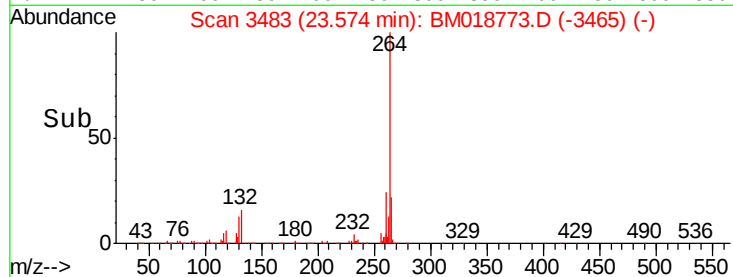
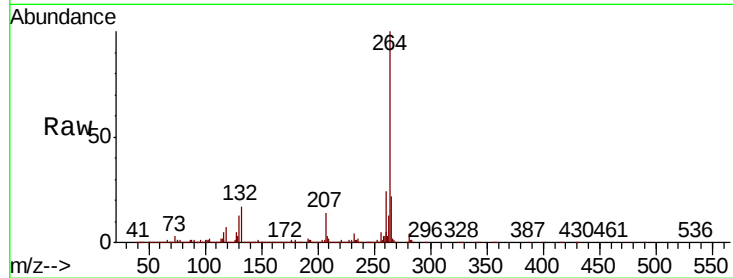
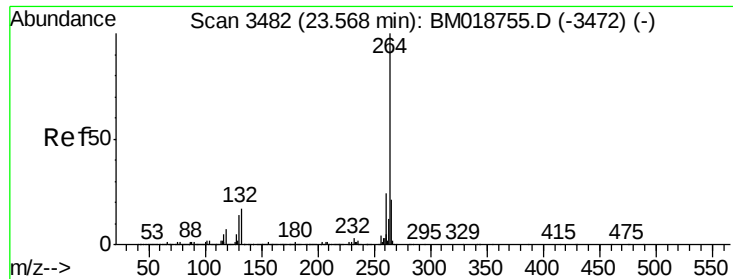
Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tgt Ion:	276	Resp:	5643283
Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tot Ion:	264	Resp:	2041833
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	22.1	17.3	25.9

Instrument :

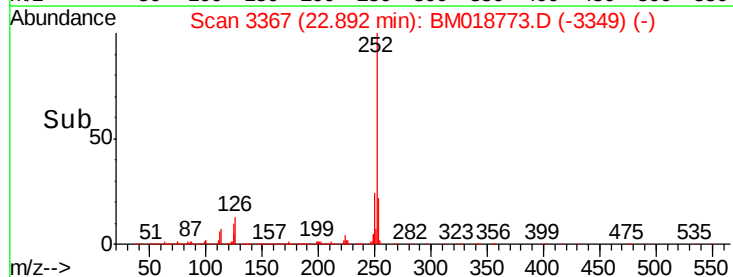
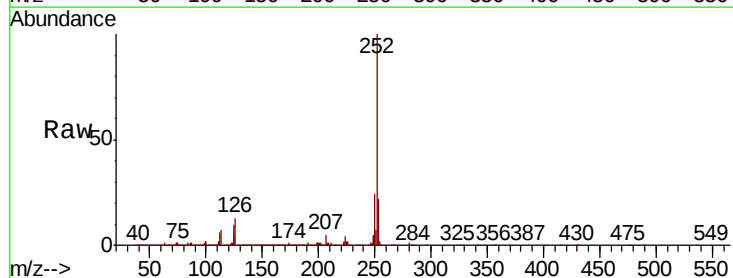
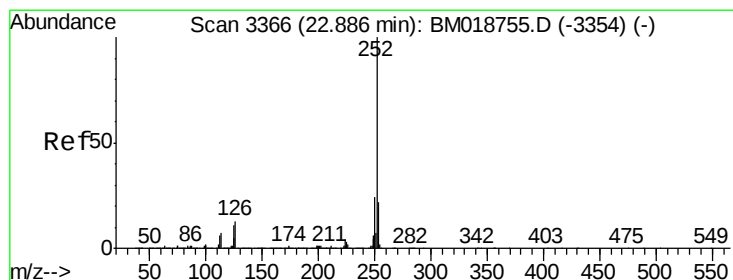
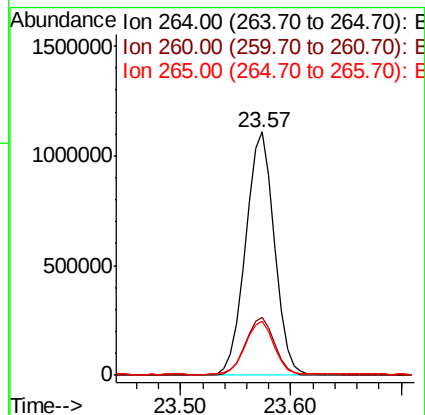
BNA_M

ClientSampleId :

PB117038BSD

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.691 ng

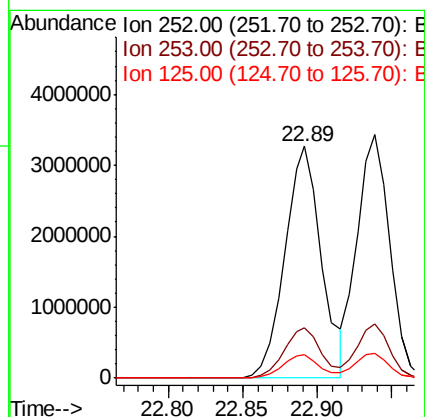
RT: 22.89 min Scan# 3367

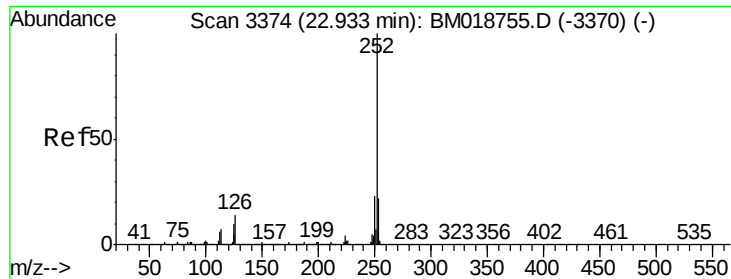
Delta R.T. 0.01 min

Lab File: BM018773.D

Acq: 12 Feb 2019 15:22

Tgt Ion:	252	Resp:	5571333
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	10.3	8.6	12.8





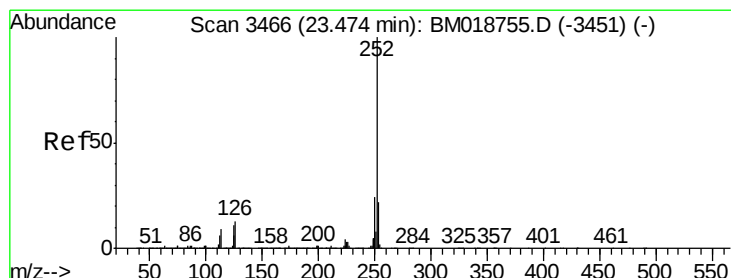
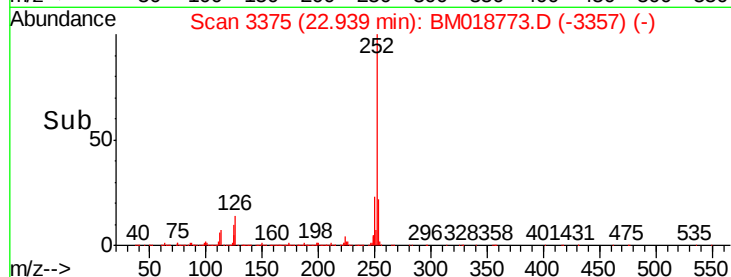
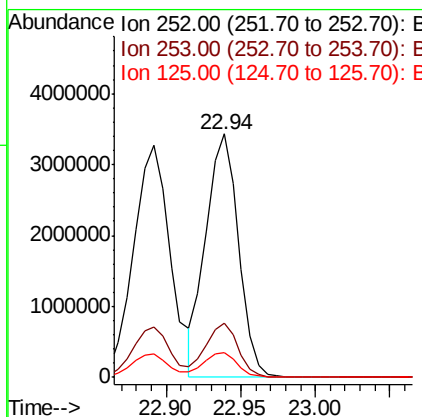
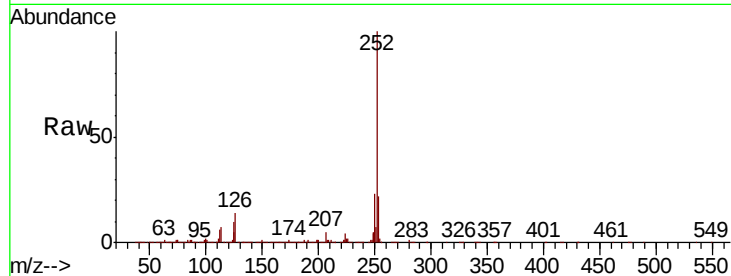
#89
Benzo(k)fluoranthene
Concen: 44.881 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.3	8.2	12.4

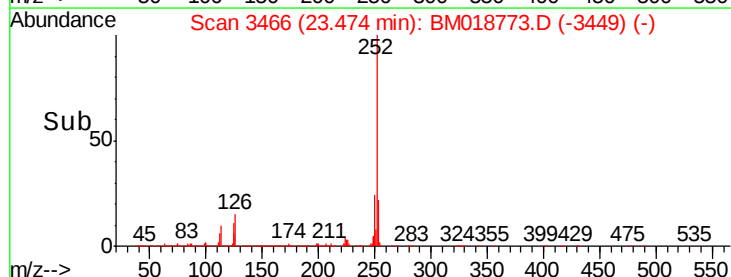
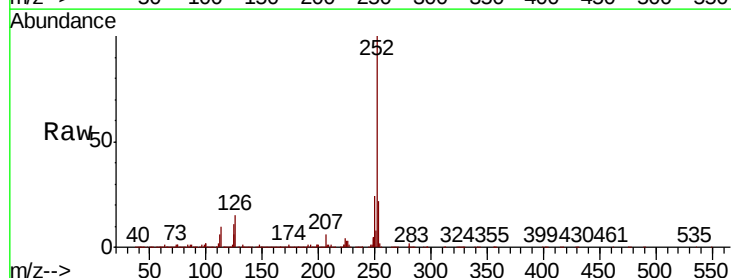
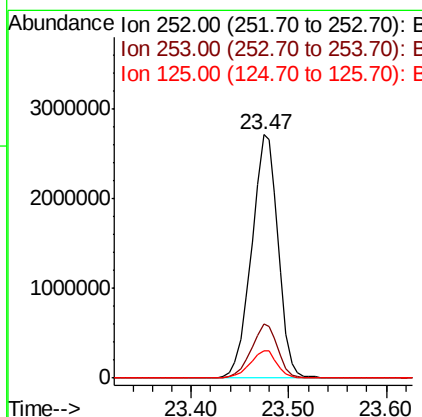
Manual Integrations
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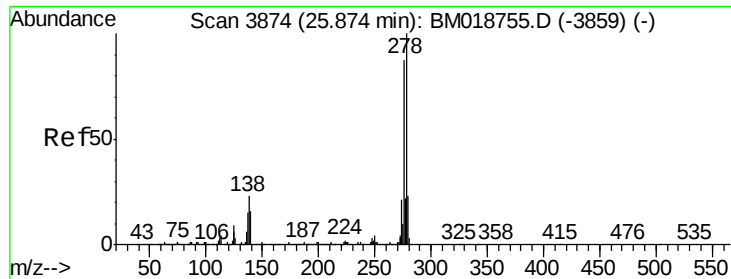
Sohil
2/13/2019 12:20:43 PM



#90
Benzo(a)pyrene
Concen: 46.751 ng
RT: 23.47 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.4	8.6	13.0





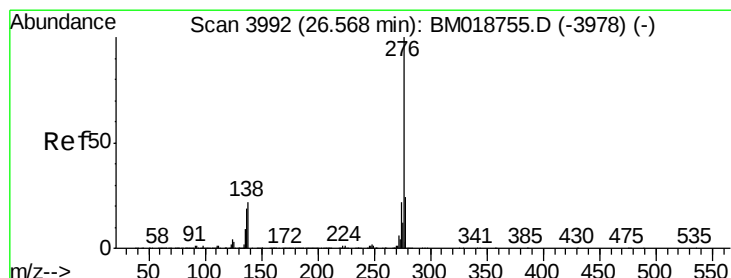
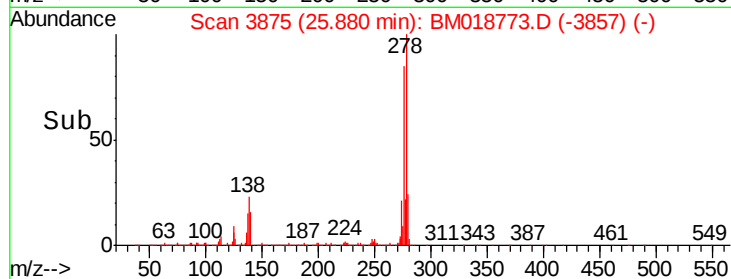
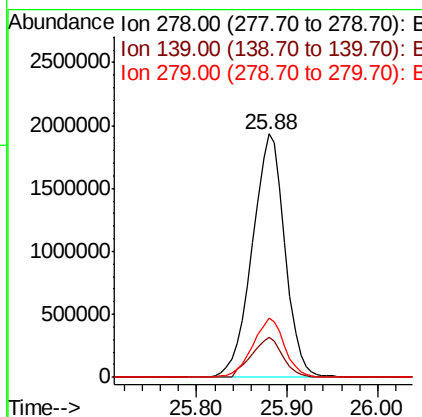
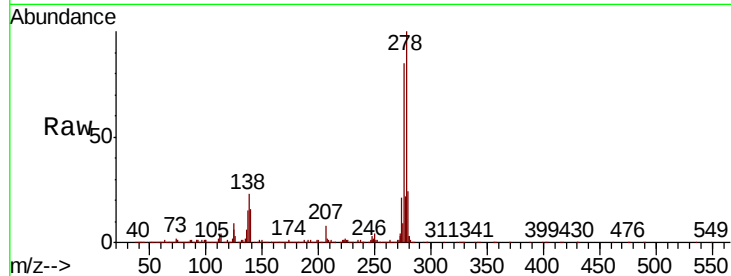
#91
Dibenzo(a,h)anthracene
Concen: 43.981 ng
RT: 25.88 min Scan# 3875
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	18.8
279	24.2	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/13/2019 12:20:43 PM



#92
Benzo(g,h,i)perylene
Concen: 43.229 ng
RT: 26.57 min Scan# 3993
Delta R.T. 0.01 min
Lab File: BM018773.D
Acq: 12 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.4	17.3	25.9

