

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
 Data File : BM017660.D
 Acq On : 14 Nov 2018 22:51
 Operator : MJ/SJ
 Sample : PB114805BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Manual Integrations
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Sohil
 11/15/2018 4:20:30 PM

Quant Time: Nov 15 04:15:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	265083	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1115540	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	648652	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1439202	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1285489	20.00	ng	0.00
87) Perylene-d12	23.40	264	996113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2333912	148.59	ng	0.00
7) Phenol-d6	6.81	99	3093476	141.01	ng	0.00
23) Nitrobenzene-d5	8.77	82	1492368	69.06	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1298718	139.34	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3459131	69.18	ng	0.00
79) Terphenyl-d14	19.66	244	5172735	91.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	247647	37.856	ng	99
3) Pyridine	3.61	79	656227	34.198	ng	98
4) n-Nitrosodimethylamine	3.53	42	369400	43.702	ng	100
6) Aniline	6.96	93	1057783	38.883	ng	99
8) 2-Chlorophenol	7.19	128	862937	45.905	ng	98
9) Benzaldehyde	6.77	77	480576	30.072	ng	95
10) Phenol	6.83	94	1062407	46.139	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	746767	41.082	ng	99
12) 1,3-Dichlorobenzene	7.50	146	857593	40.663	ng	97
13) 1,4-Dichlorobenzene	7.65	146	881175	40.762	ng	99
14) 1,2-Dichlorobenzene	7.96	146	854756	40.778	ng	98
15) Benzyl Alcohol	7.86	79	757214	43.342	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	1107521	40.017	ng	100
17) 2-Methylphenol	8.06	107	713691	46.010	ng	99
18) Hexachloroethane	8.67	117	318925	41.859	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	642474	40.788	ng	100
20) 3+4-Methylphenols	8.39	107	967776	44.904	ng	98
22) Acetophenone	8.44	105	1229569	44.163	ng	# 98
24) Nitrobenzene	8.81	77	948727	43.274	ng	99
25) Isophorone	9.33	82	1667817	49.972	ng	99
26) 2-Nitrophenol	9.51	139	464364	45.984	ng	99
27) 2,4-Dimethylphenol	9.58	122	787034	54.078	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1057604	46.788	ng	99
29) 2,4-Dichlorophenol	10.04	162	824234	48.787	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	854057	43.465	ng	96
31) Naphthalene	10.43	128	2561292	46.698	ng	99
32) Benzoic acid	9.76	122	557978m	42.324	ng	
33) 4-Chloroaniline	10.56	127	577867	24.058	ng	97
34) Hexachlorobutadiene	10.71	225	506268	41.502	ng	98
35) Caprolactam	11.37	113	252355m	40.561	ng	
36) 4-Chloro-3-methylphenol	11.69	107	895110	45.890	ng	99
37) 2-Methylnaphthalene	12.05	142	1907526	49.208	ng	99
38) 1-Methylnaphthalene	12.27	142	1821980	47.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	975696	42.657	ng	99

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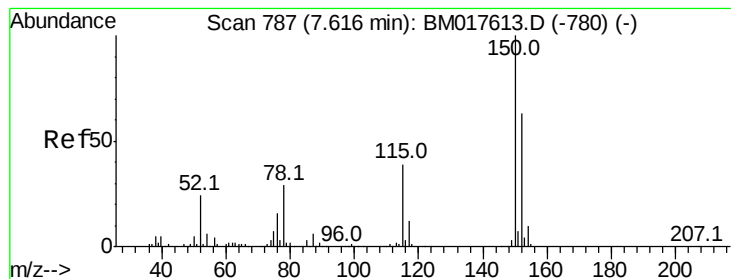
Manual Integrations
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 11/15/2018 4:20:30 PM

Quant Time: Nov 15 04:15:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1260993	106.689	ng	100
43) 2,4,6-Trichlorophenol	12.68	196	679643	47.438	ng	98
44) 2,4,5-Trichlorophenol	12.75	196	724562	47.897	ng	99
46) 1,1'-Biphenyl	13.09	154	2435245	41.825	ng	99
47) 2-Chloronaphthalene	13.12	162	1890023	43.734	ng	98
48) 2-Nitroaniline	13.34	65	601948	45.039	ng	98
49) Acenaphthylene	13.98	152	3103365	47.795	ng	99
50) Dimethylphthalate	13.73	163	2372113	44.979	ng	99
51) 2,6-Dinitrotoluene	13.85	165	536169	45.657	ng	99
52) Acenaphthene	14.32	154	1786516	44.833	ng	99
53) 3-Nitroaniline	14.19	138	393159	30.750	ng	100
54) 2,4-Dinitrophenol	14.40	184	636223	87.962	ng	97
55) Dibenzofuran	14.66	168	2876834	44.178	ng	98
56) 4-Nitrophenol	14.50	139	890174	82.655	ng	97
57) 2,4-Dinitrotoluene	14.64	165	745427	47.090	ng	99
58) Fluorene	15.32	166	2377819	47.697	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	669546	48.121	ng	99
60) Diethylphthalate	15.10	149	2420701	42.482	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1203389	42.487	ng	98
62) 4-Nitroaniline	15.36	138	513410	42.608	ng	99
63) Azobenzene	15.61	77	2325975	44.156	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	423550	42.482	ng	97
66) n-Nitrosodiphenylamine	15.53	169	2062883	44.582	ng	100
67) 4-Bromophenyl-phenylether	16.21	248	745575	43.802	ng	97
68) Hexachlorobenzene	16.32	284	825996	43.046	ng	95
69) Atrazine	16.50	200	751322	44.146	ng	96
70) Pentachlorophenol	16.67	266	1038087	77.210	ng	99
71) Phenanthrene	17.06	178	3636853	46.570	ng	100
72) Anthracene	17.14	178	3697342	48.654	ng	99
73) Carbazole	17.43	167	3296992	42.935	ng	100
74) Di-n-butylphthalate	17.99	149	4090143	47.848	ng	99
75) Fluoranthene	19.08	202	4067405	46.032	ng	98
77) Benzidine	19.28	184	2110502	50.417	ng	100
78) Pyrene	19.44	202	4135412	52.138	ng	100
80) Butylbenzylphthalate	20.36	149	1738048	53.952	ng	100
81) Benzo(a)anthracene	21.20	228	3532393	47.697	ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	1050777	36.762	ng	99
83) Chrysene	21.25	228	3360867	46.724	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	2451080	51.467	ng	99
85) Di-n-octyl phthalate	22.00	149	3774631	49.498	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	2934176	51.046	ng	100
88) Benzo(b)fluoranthene	22.75	252	2935235	50.316	ng	100
89) Benzo(k)fluoranthene	22.79	252	2964762	50.283	ng	99
90) Benzo(a)pyrene	23.31	252	2751202	51.724	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2488136	55.642	ng	99
92) Benzo(g,h,i)perylene	26.26	276	2417356	57.487	ng	100

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



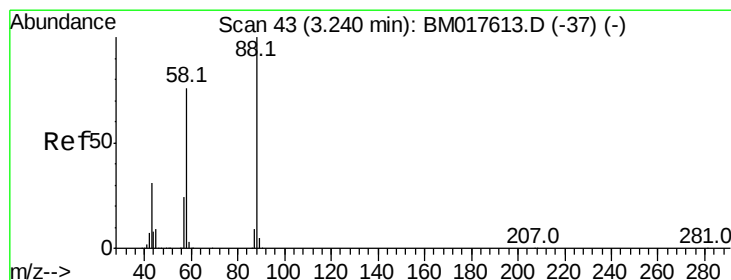
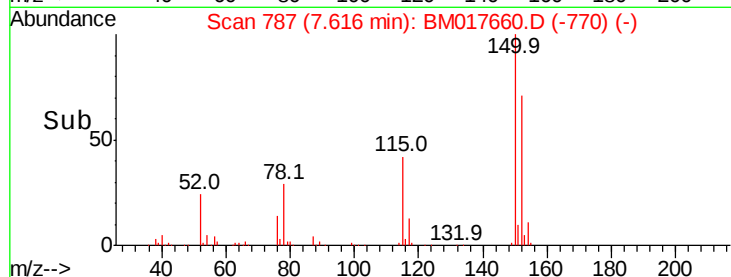
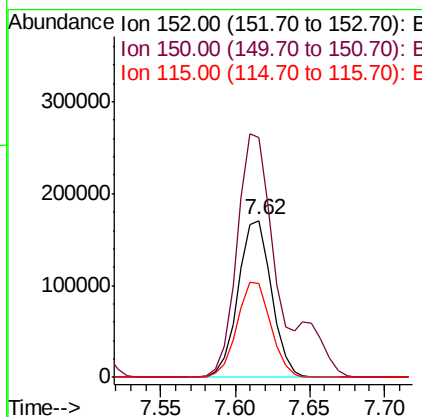
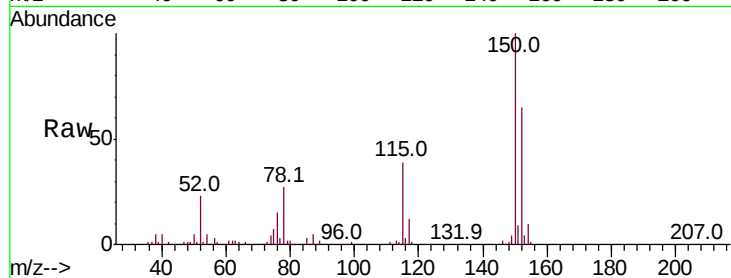
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.62 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.4	189.6
115	60.0	49.4	74.0

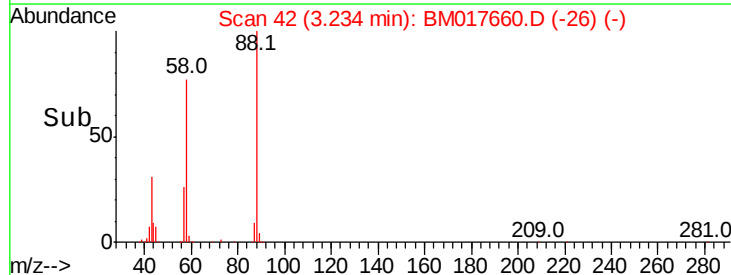
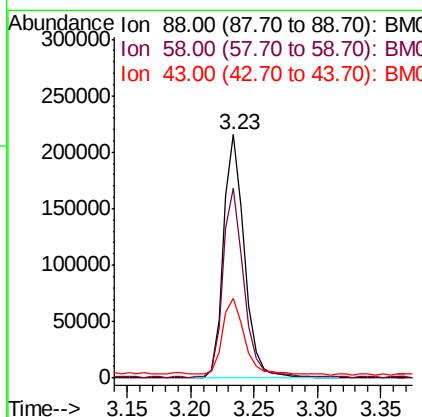
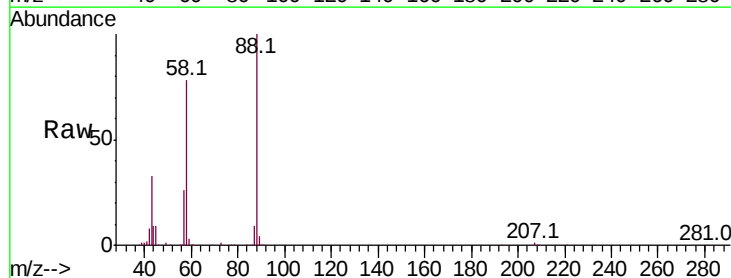
Manual Integrations
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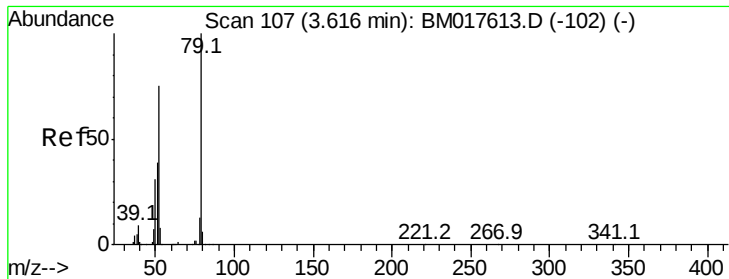
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#2
 1,4-Dioxane
 Concen: 37.856 ng
 RT: 3.23 min Scan# 42
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	62.0	93.0
43	33.2	26.8	40.2





#3

Pvridine

Concen: 34.198 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

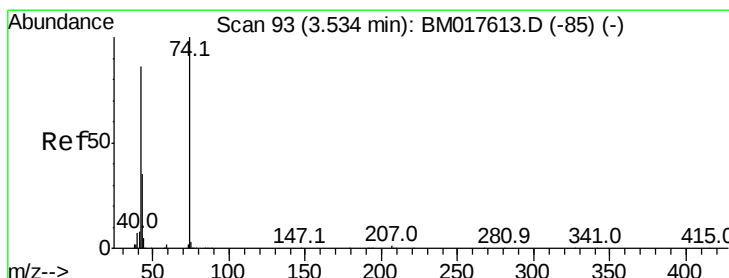
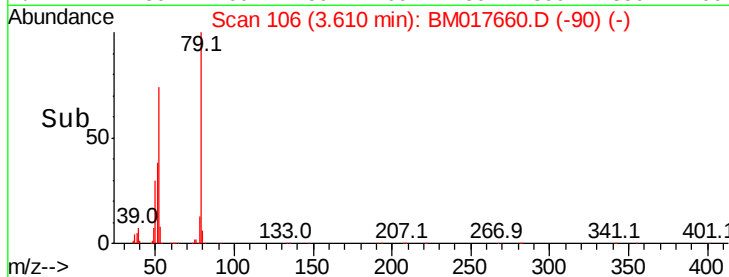
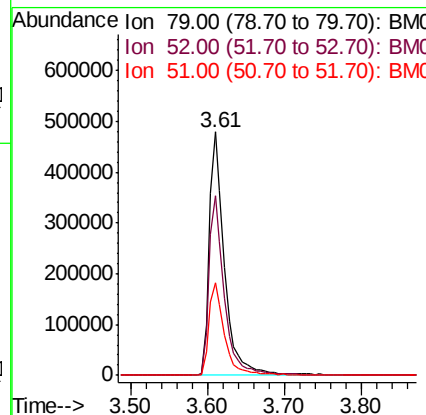
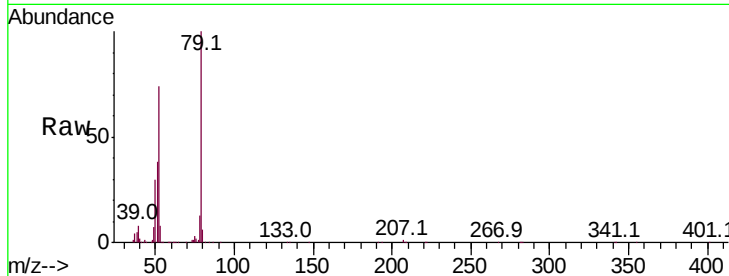
ClientSampleId :

PB114805BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.7	60.1	90.1
51	37.9	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 43.702 ng

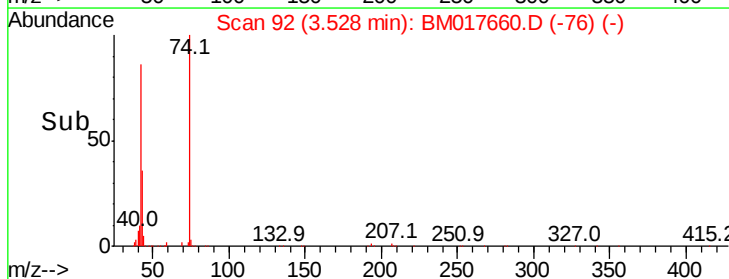
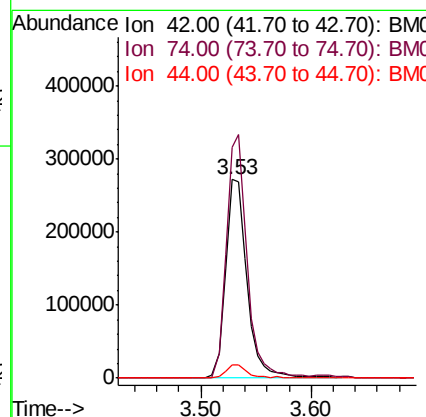
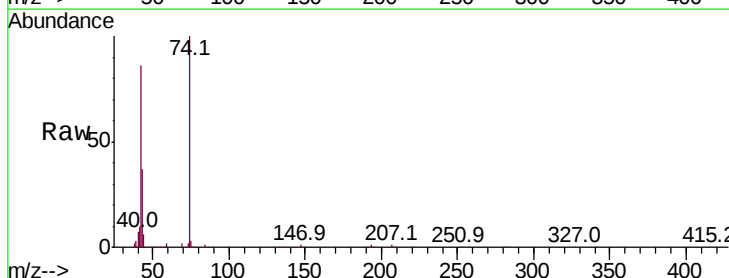
RT: 3.53 min Scan# 92

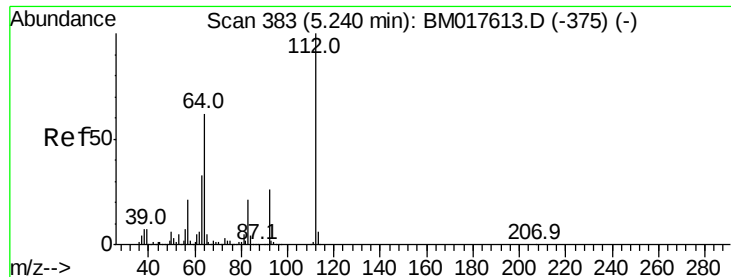
Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.4	93.1	139.7
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 148.588 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

Tot Ion:112 Resp: 2333912

Ion Ratio Lower Upper

112 100

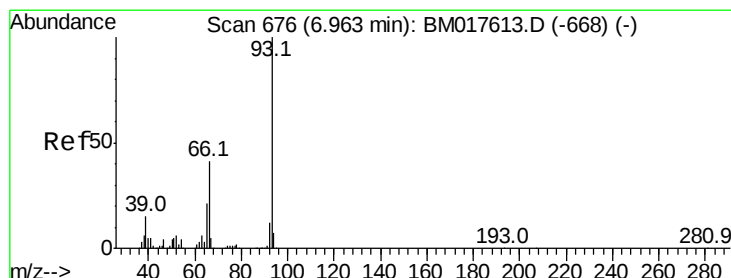
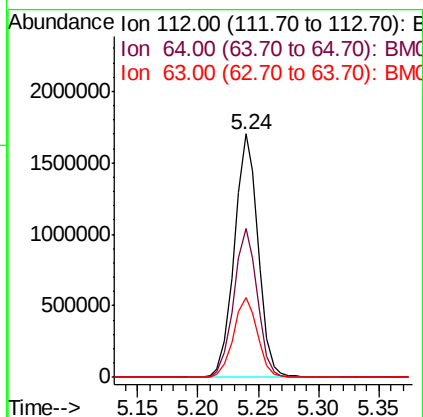
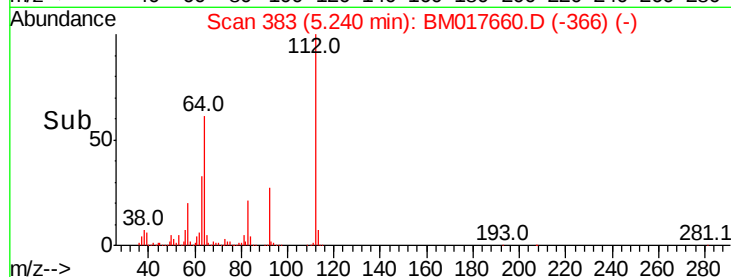
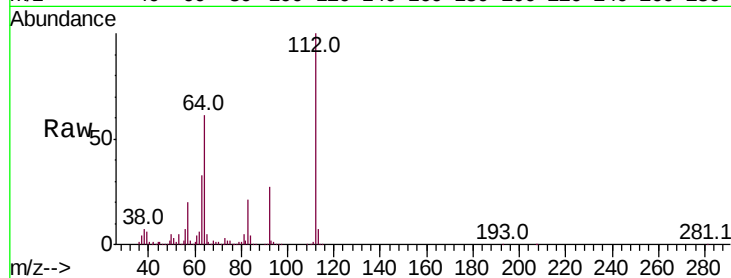
64 61.1 49.3 73.9

63 32.7 26.2 39.4

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#6

Aniline

Concen: 38.883 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

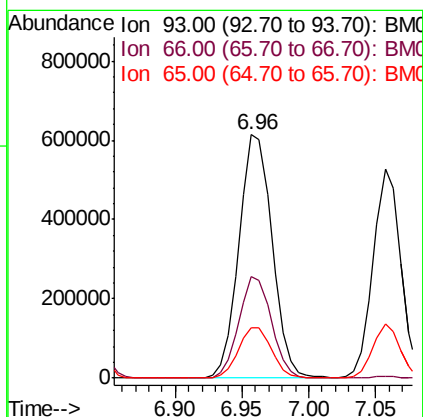
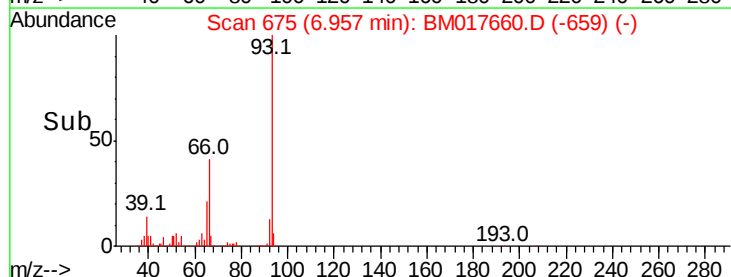
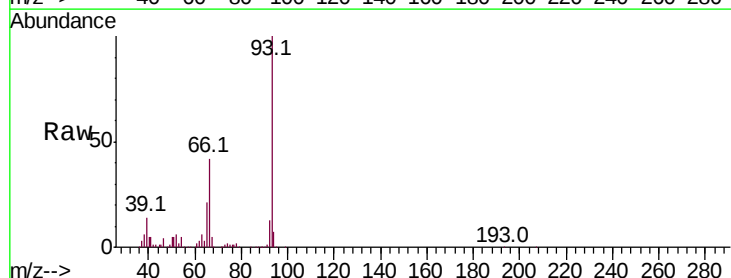
Tgt Ion: 93 Resp: 1057783

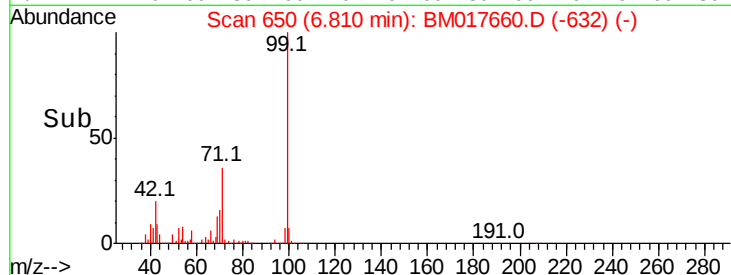
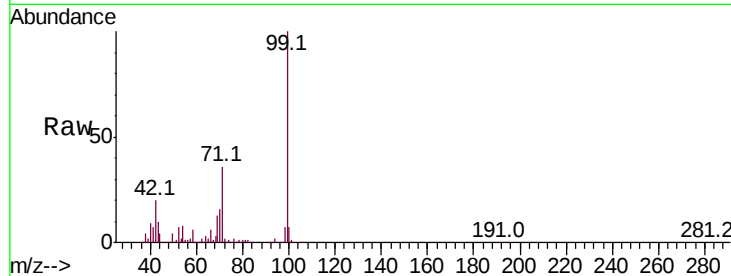
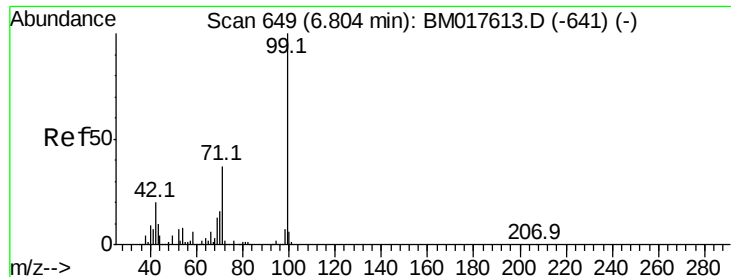
Ion Ratio Lower Upper

93 100

66 41.5 32.8 49.2

65 20.9 16.6 25.0





#7

Phenol-d6

Concen: 141.014 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Tot Ion: 99 Resp: 3093476

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

71 36.4 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

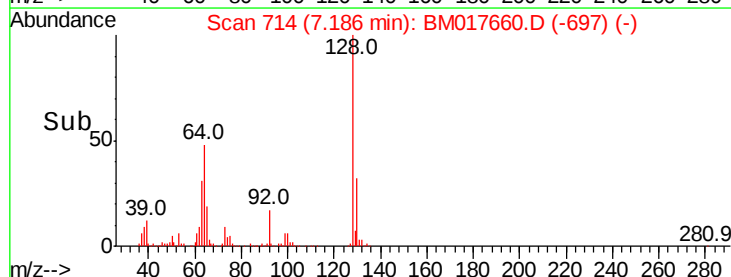
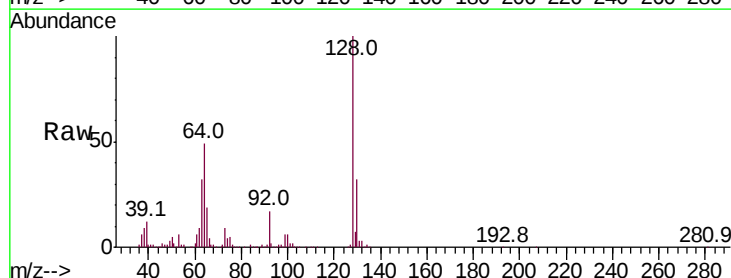
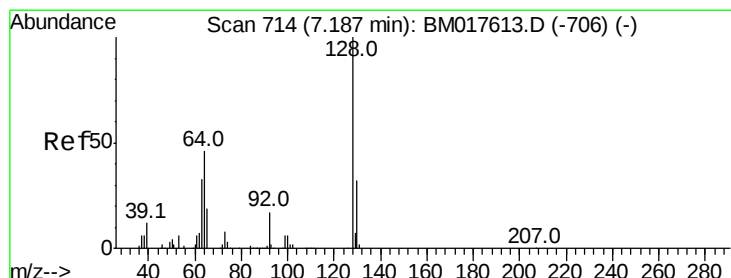
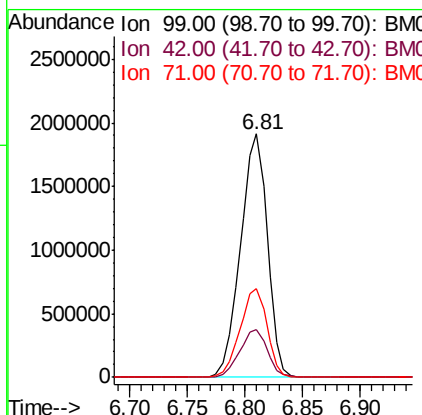
PB114805BS

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#8

2-Chlorophenol

Concen: 45.905 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

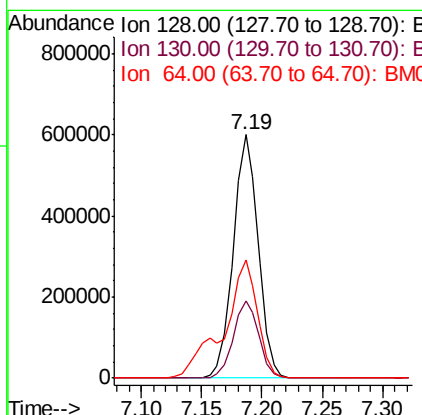
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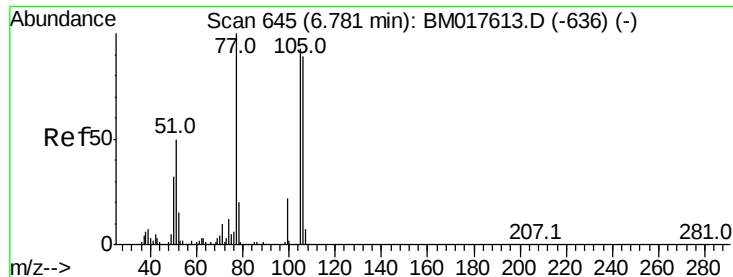
Ion Ratio Lower Upper

128 100

130 31.7 12.4 52.4

64 48.6 30.0 70.0





#9

Benzaldehyde

Concen: 30.072 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

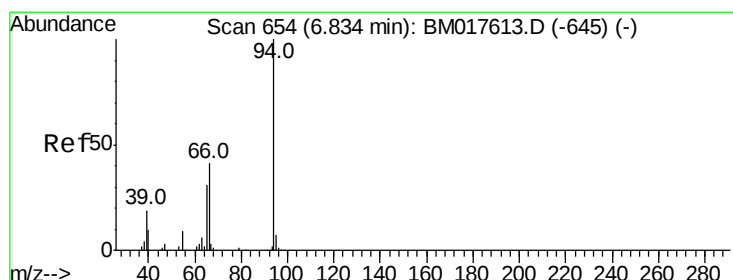
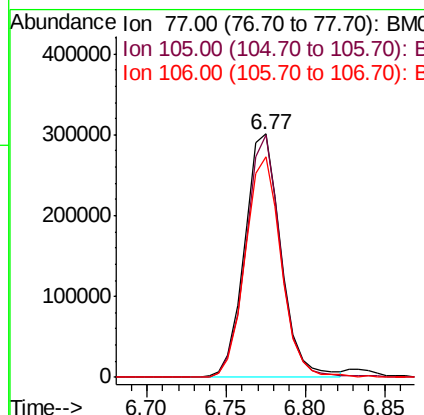
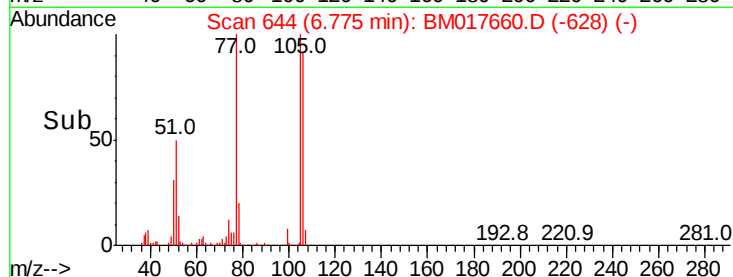
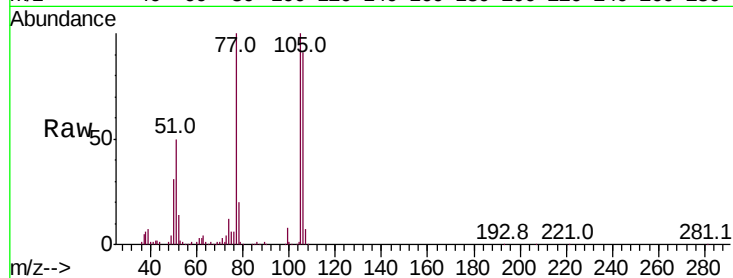
ClientSampleId :

PB114805BS

Tot Ion:	77	Resp:	480576
Ion	Ratio	Lower	Upper
77	100		
105	99.7	72.7	112.7
106	90.8	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 46.139 ng

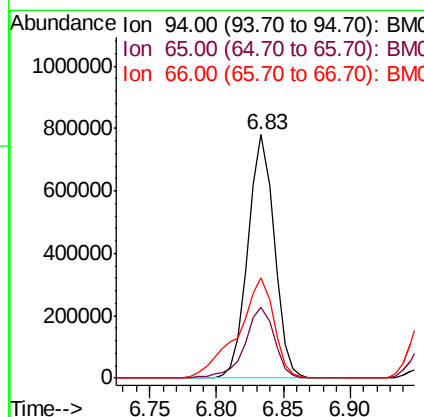
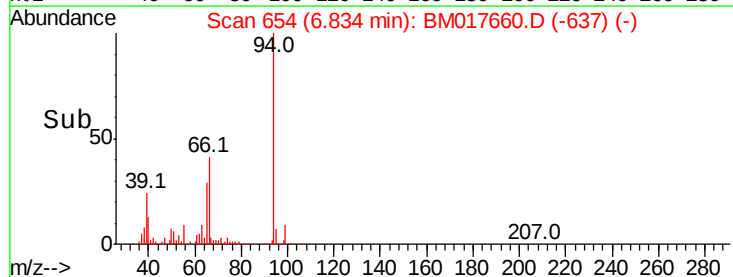
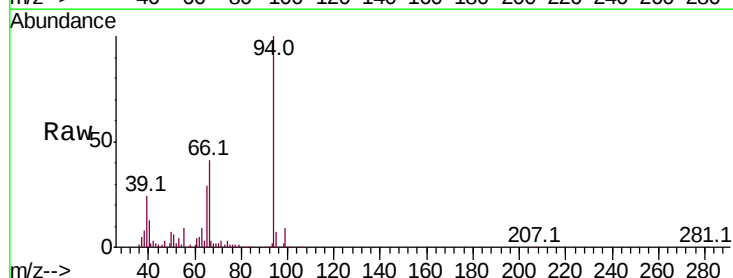
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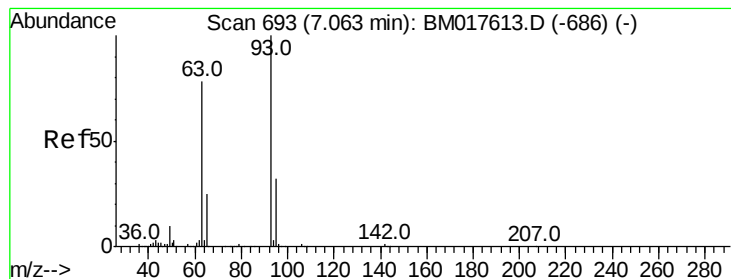
Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Tgt Ion:	94	Resp:	1062407
Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.4	51.4
66	41.0	21.4	61.4





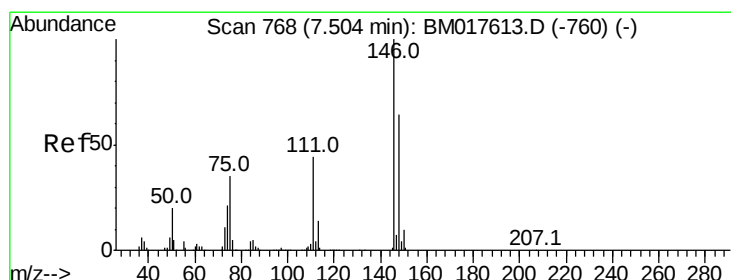
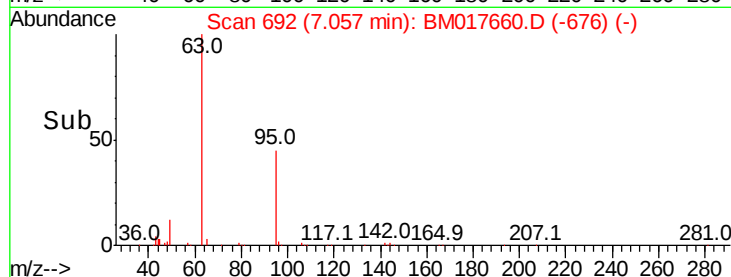
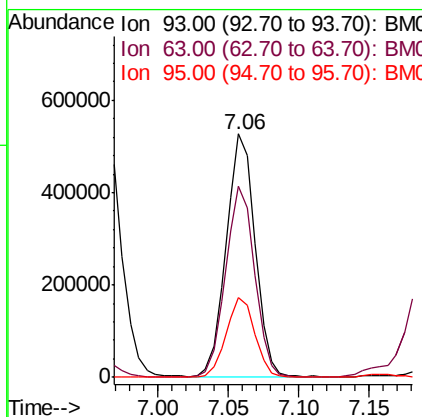
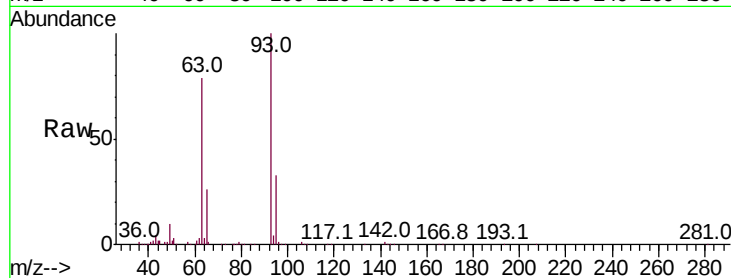
#11
bis(2-Chloroethyl)ether
Concen: 41.082 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	57.9	97.9
95	32.9	12.3	52.3

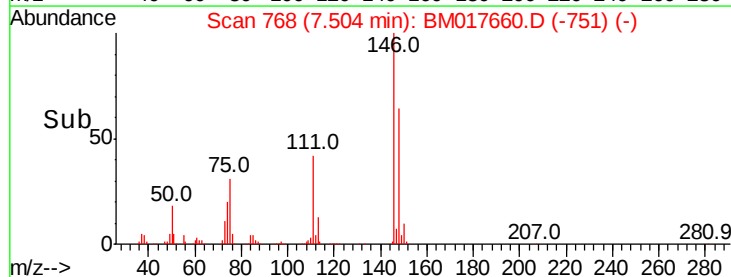
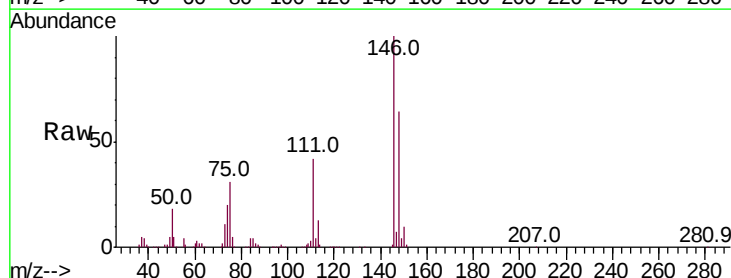
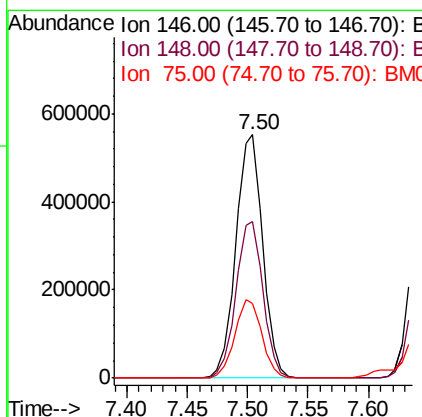
Manual Integrations
APPROVED

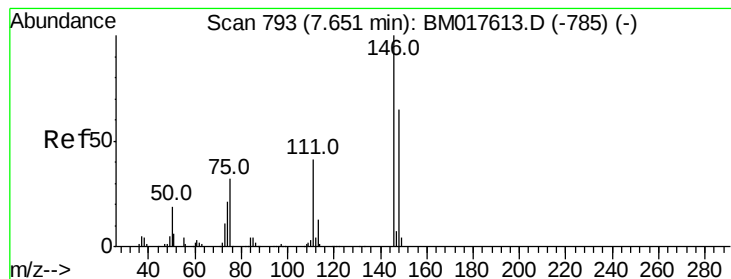
Sohil
11/15/2018 4:20:30 PM



#12
1,3-Dichlorobenzene
Concen: 40.663 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	30.9	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 40.762 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

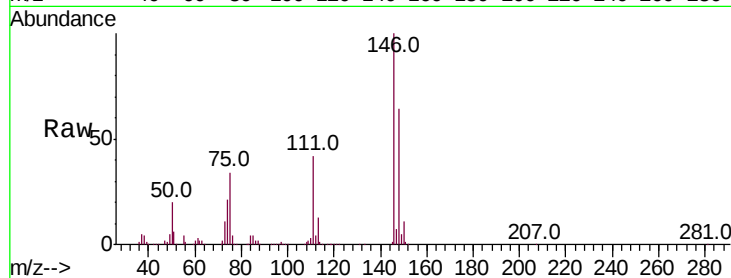
ClientSampleId :

PB114805BS

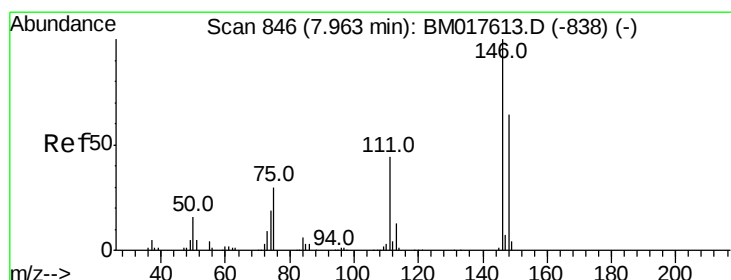
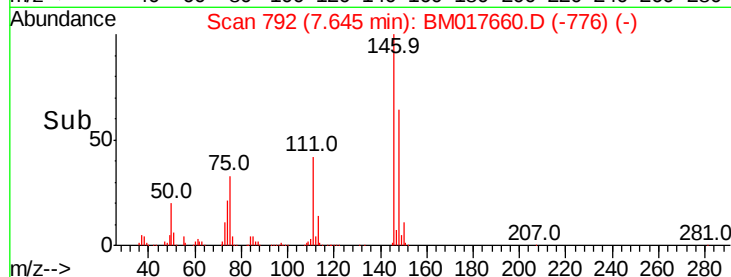
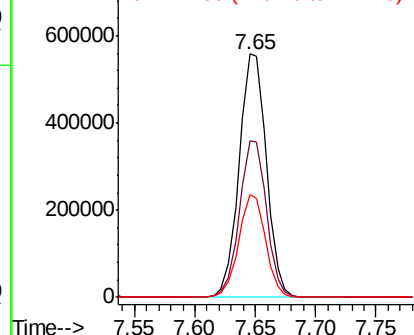
Tot Ion:	146	Resp:	881175
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.0	78.0
111	42.1	33.2	49.8

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.778 ng

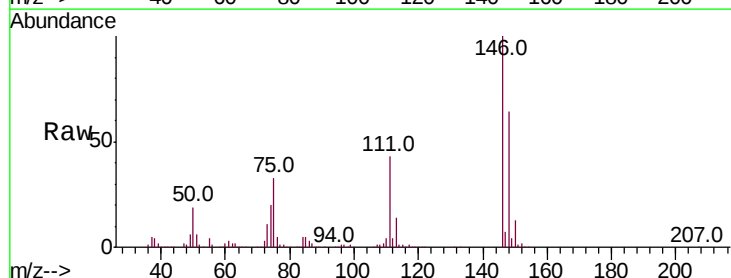
RT: 7.96 min Scan# 845

Delta R.T. -0.01 min

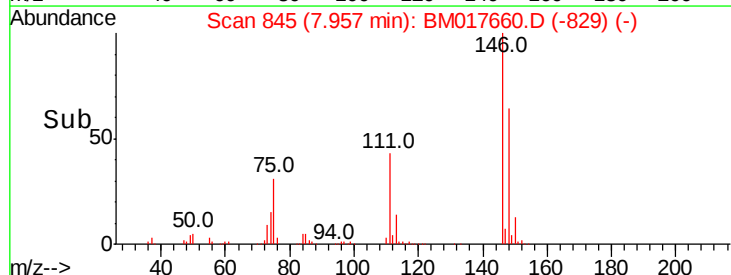
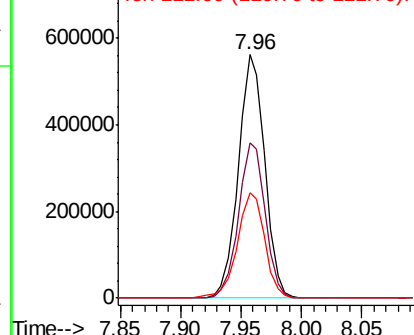
Lab File: BM017660.D

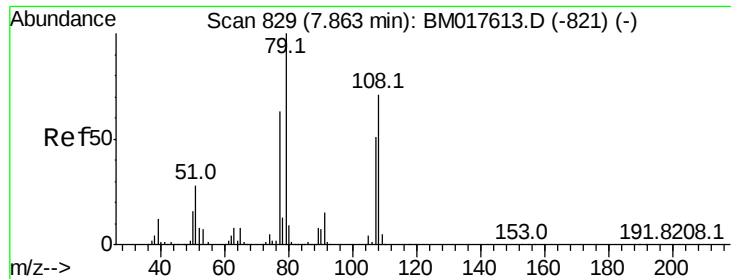
Acq: 14 Nov 2018 22:51

Tgt Ion:	146	Resp:	854756
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.6	77.4
111	43.3	35.8	53.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





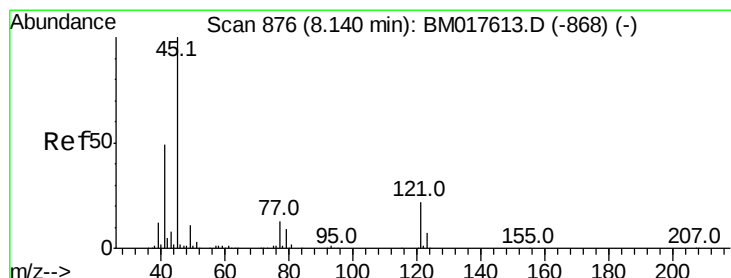
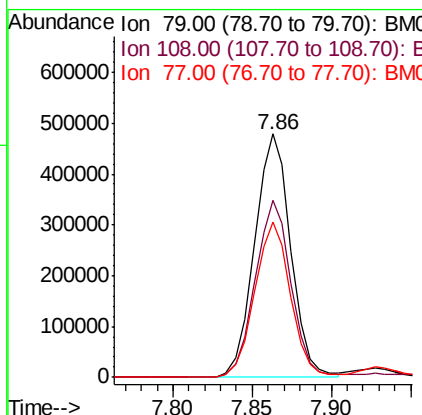
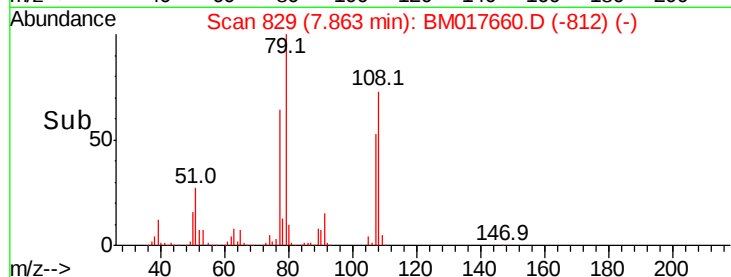
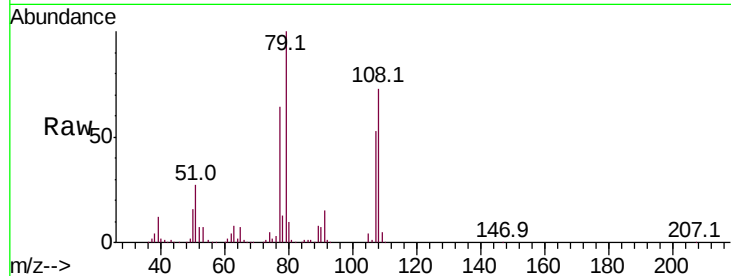
#15
Benzyl Alcohol
Concen: 43.342 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	57.1	85.7
77	63.6	50.4	75.6

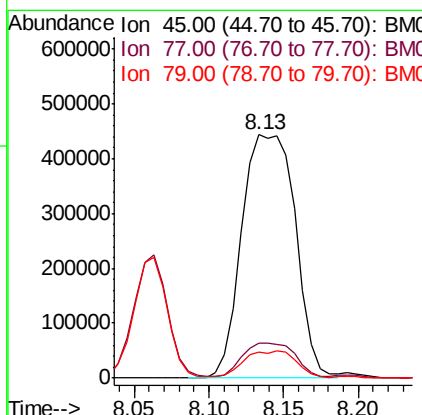
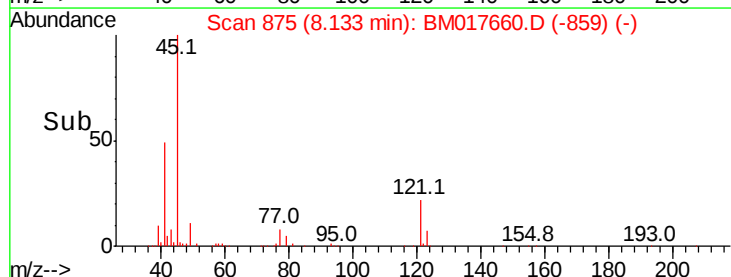
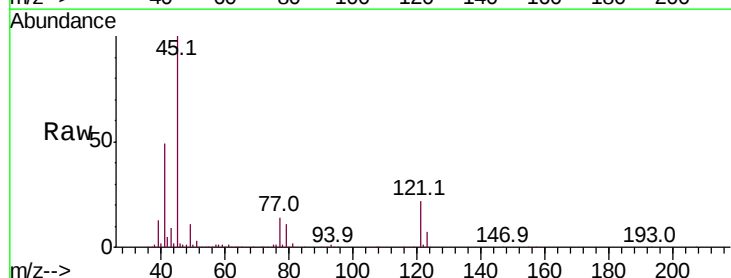
Manual Integrations
APPROVED

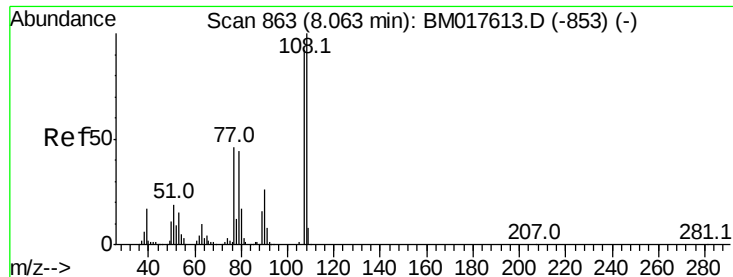
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.017 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.2
79	10.6	0.0	30.5





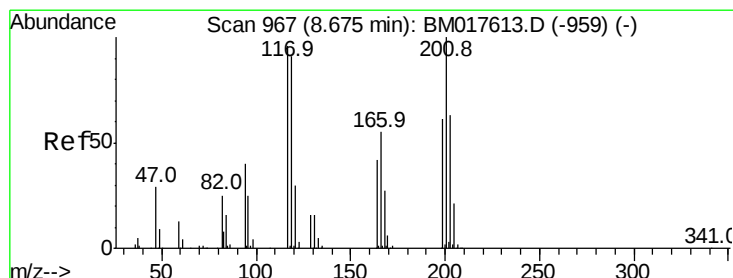
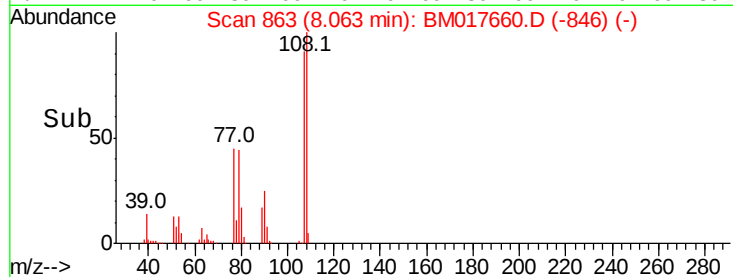
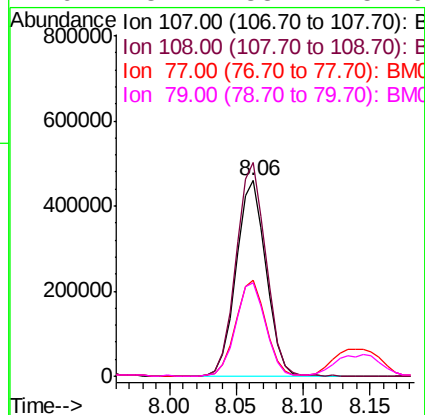
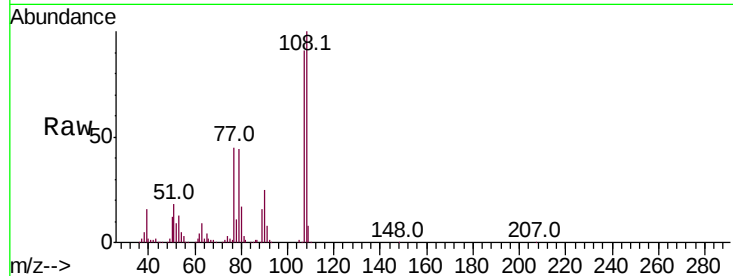
#17
2-Methylphenol
Concen: 46.010 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	713691		
108	109.4	86.7	130.1	
77	49.1	39.8	59.6	
79	48.1	38.4	57.6	

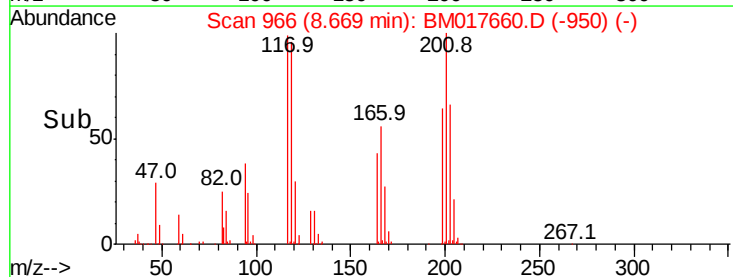
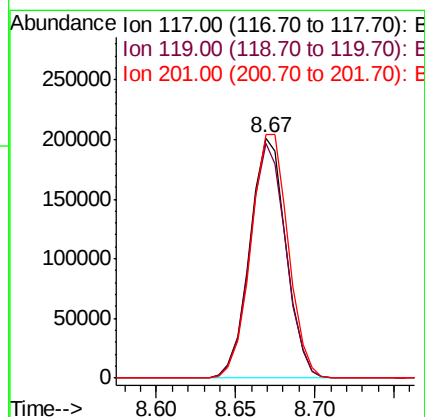
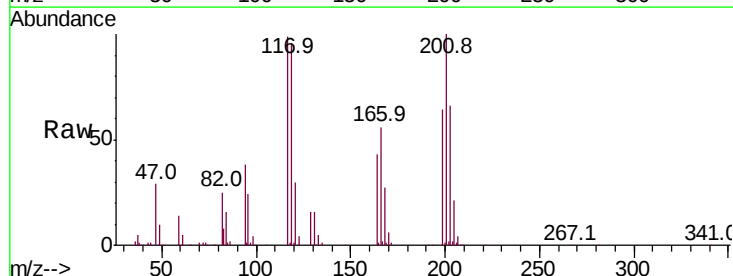
Manual Integrations
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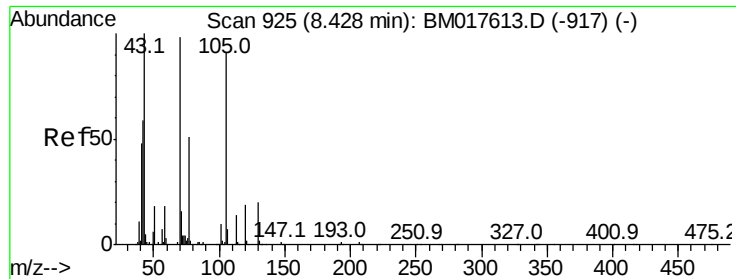
Sohil
11/15/2018 4:20:30 PM



#18
Hexachloroethane
Concen: 41.859 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	318925		
119	97.5	75.8	113.8	
201	101.3	83.0	124.4	





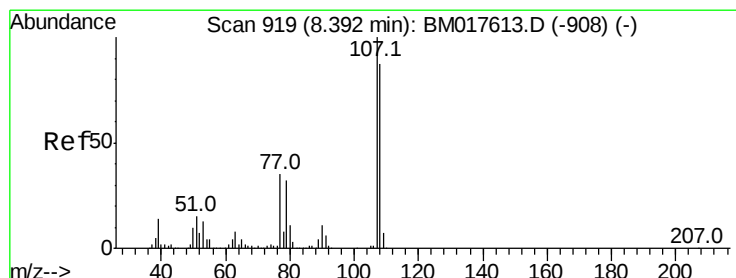
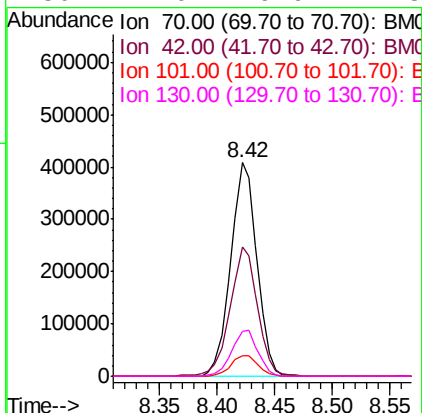
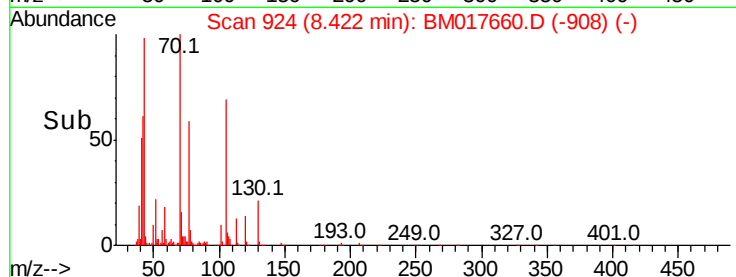
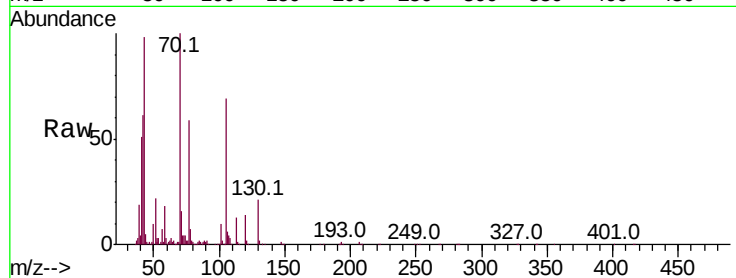
#19
n-Nitroso-di-n-propylamine
Concen: 40.788 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.8	48.6	73.0	
101	9.9	7.9	11.9	
130	21.0	16.6	24.8	

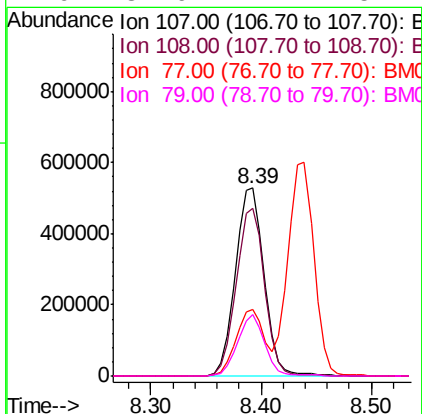
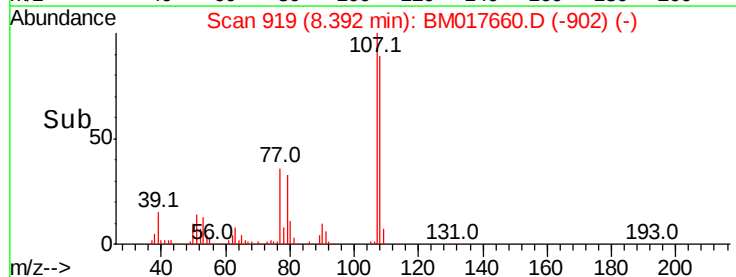
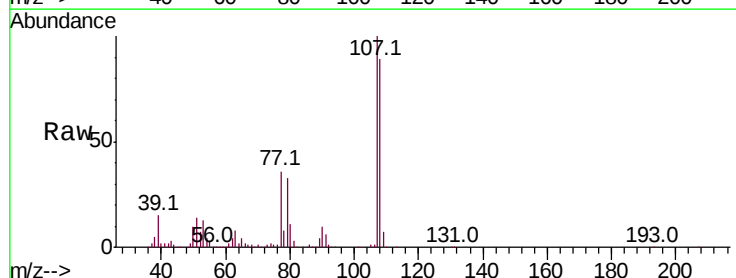
Manual Integrations
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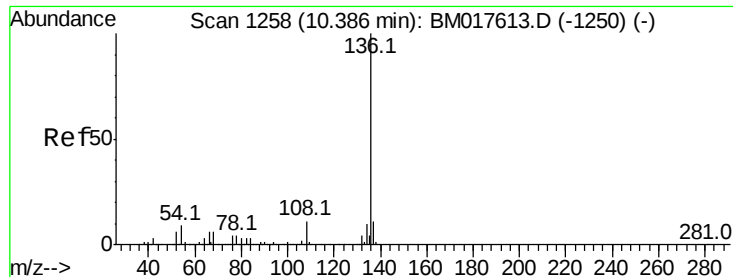
Sohil
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#20
3+4-Methylphenols
Concen: 44.904 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	67.0	107.0	
77	35.8	15.6	55.6	
79	32.6	11.7	51.7	





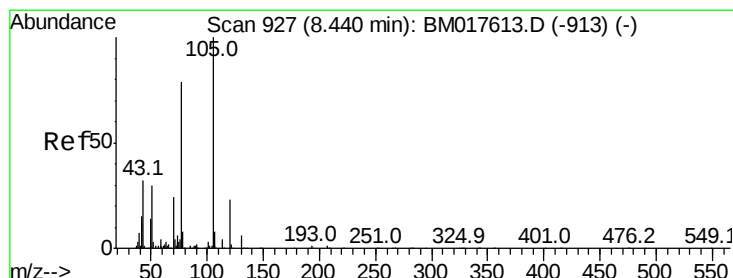
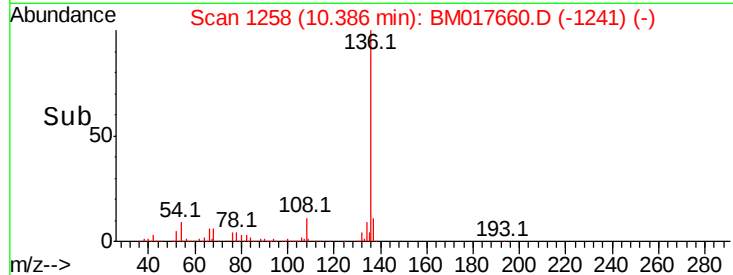
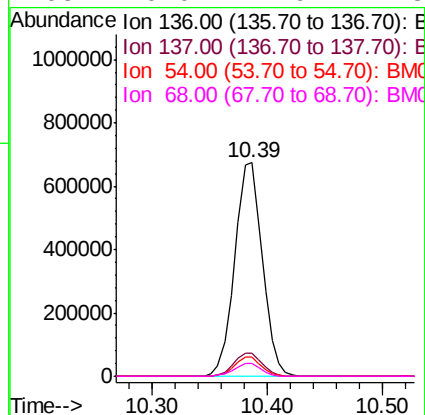
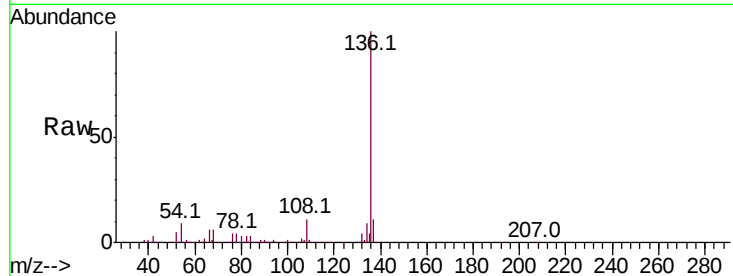
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.8	7.0	10.6
68	6.0	4.9	7.3

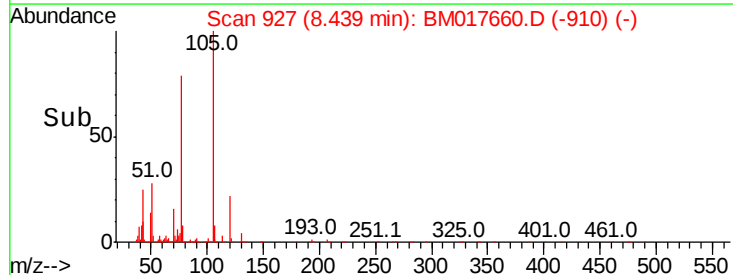
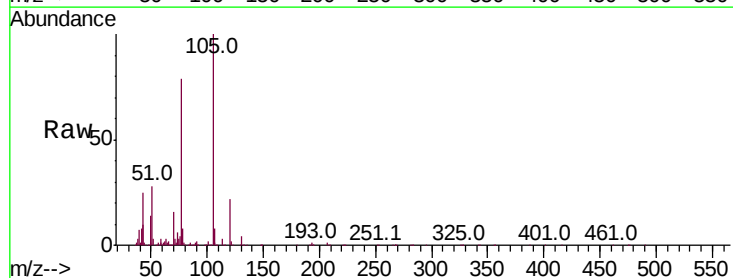
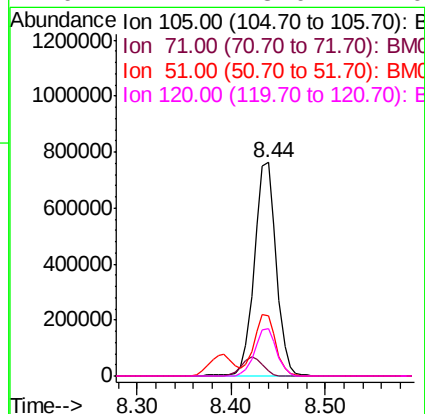
Manual Integrations
APPROVED

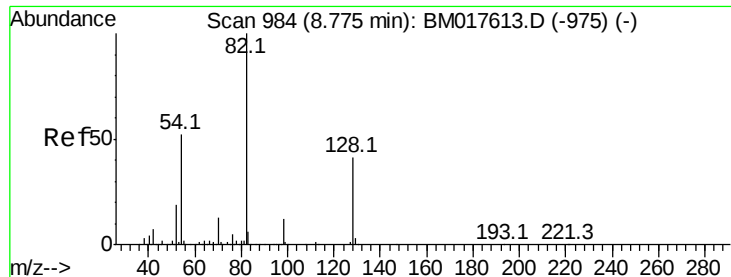
Sohil
11/15/2018 4:20:30 PM



#22
Acetophenone
Concen: 44.163 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.1	4.7#
51	28.3	23.8	35.8
120	22.4	18.0	27.0





#23

Nitrobenzene-d5

Concen: 69.064 ng

RT: 8.77 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

Tot Ion: 82 Resp: 1492368

Ion Ratio Lower Upper

82 100

128 42.3 33.0 49.4

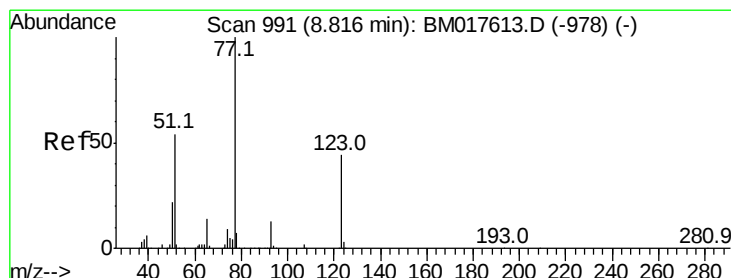
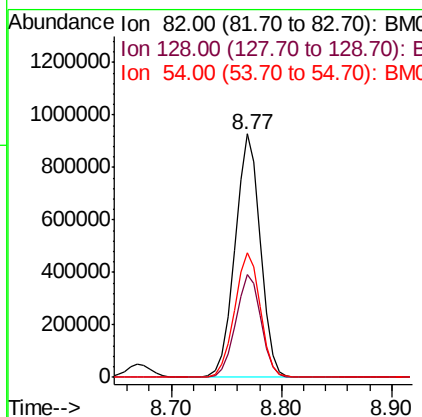
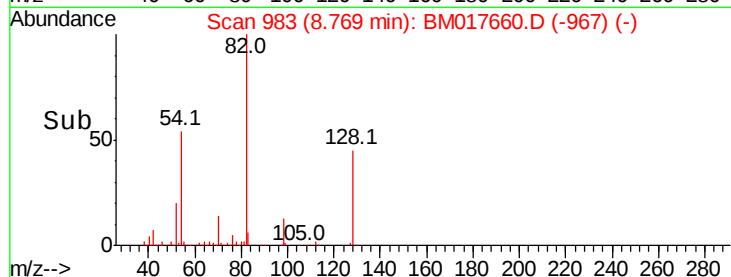
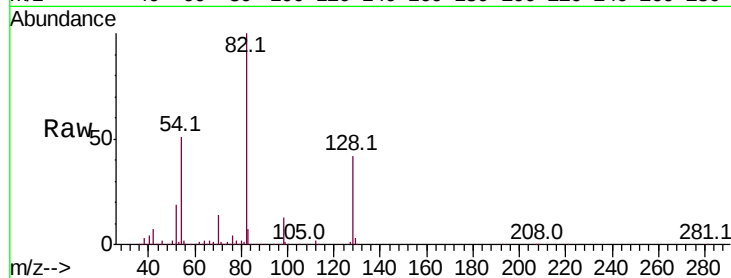
54 51.3 41.4 62.2

Manual Integrations

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#24

Nitrobenzene

Concen: 43.274 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

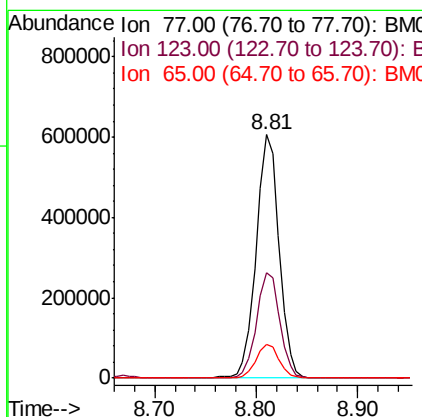
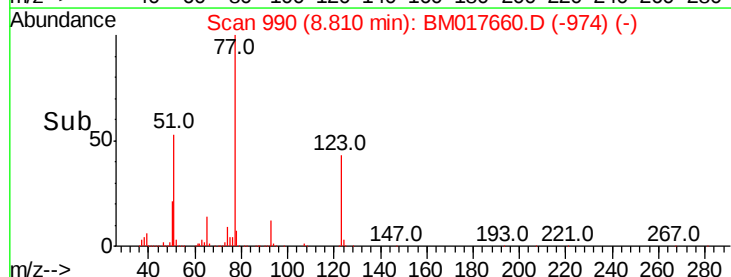
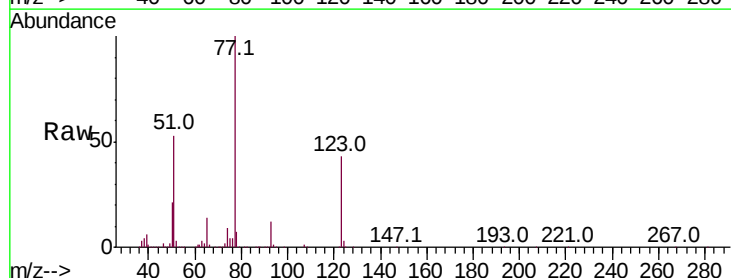
Tgt Ion: 77 Resp: 948727

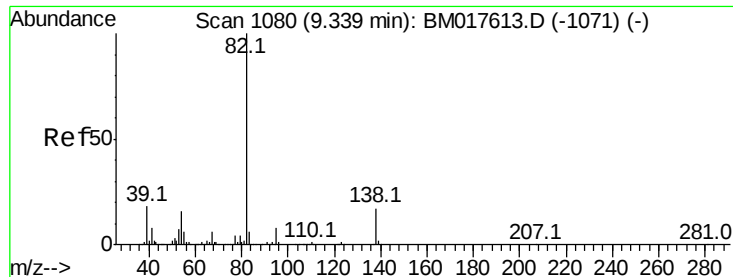
Ion Ratio Lower Upper

77 100

123 43.1 35.1 52.7

65 13.8 11.0 16.6





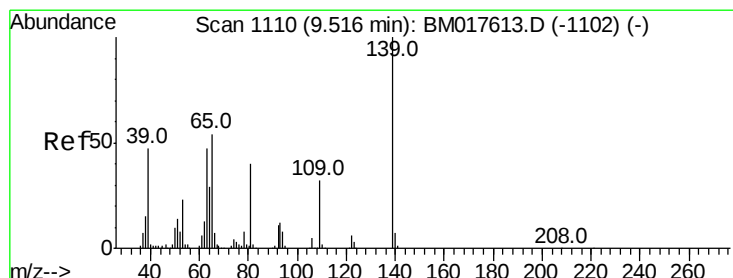
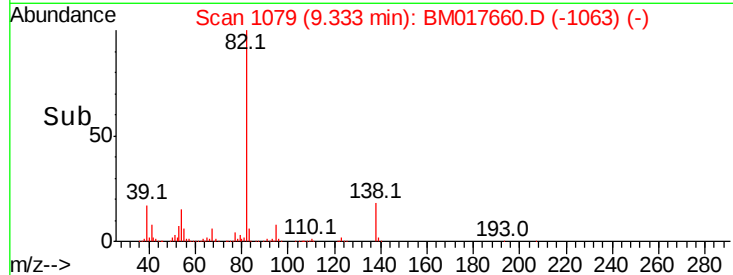
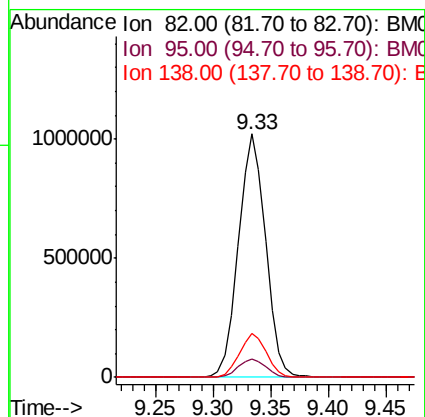
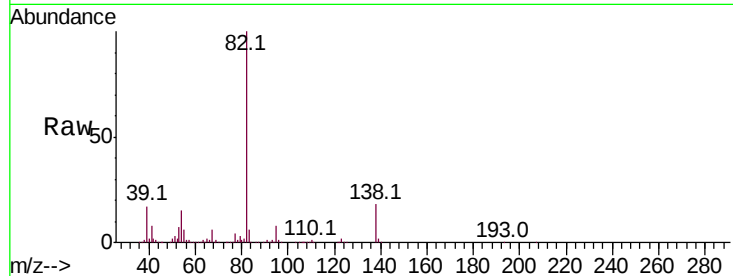
#25
Isophorone
Concen: 49.972 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.8	13.9	20.9

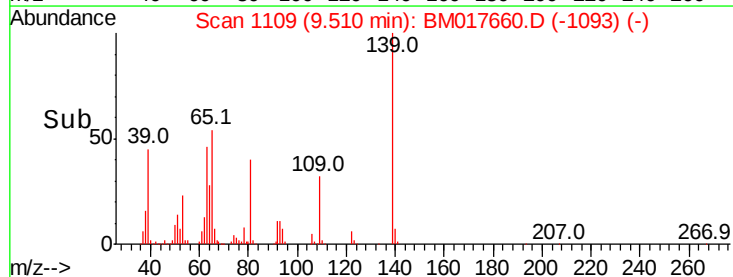
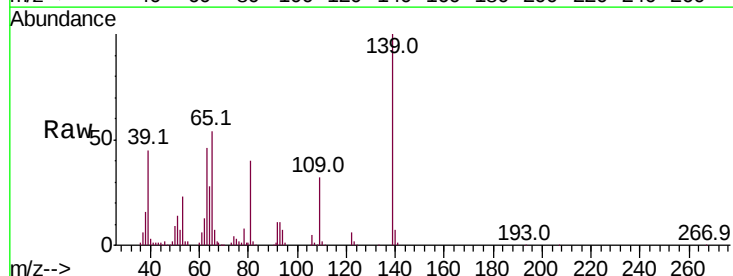
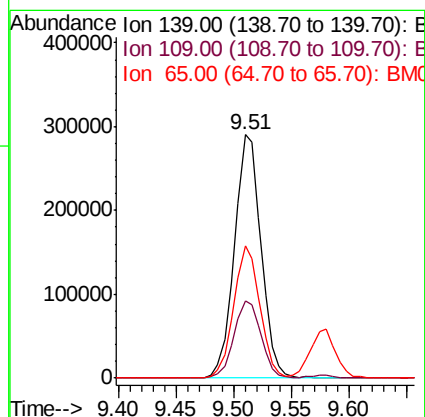
Manual Integrations
APPROVED

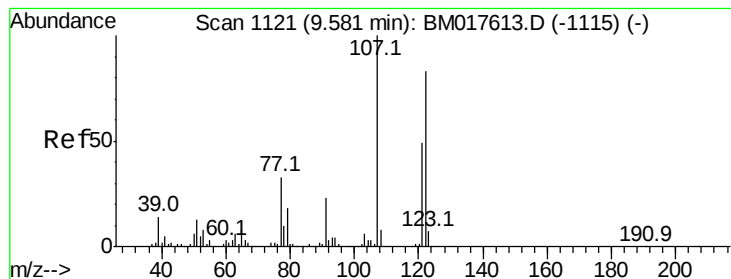
Sohil
11/15/2018 4:20:30 PM



#26
2-Nitrophenol
Concen: 45.984 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.6	25.9	38.9
65	54.2	43.0	64.4





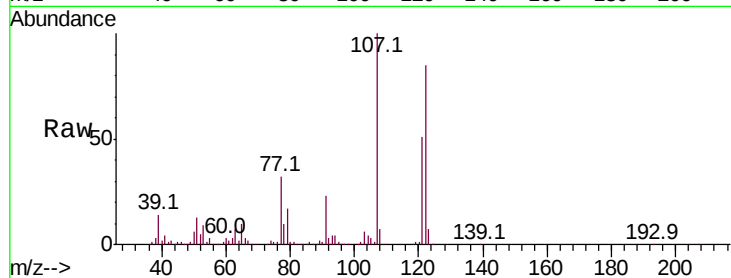
#27
 2,4-Dimethylphenol
 Concen: 54.078 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	787034		
107	118.2	95.8	143.8	
121	59.7	47.2	70.8	

Manual Integrations
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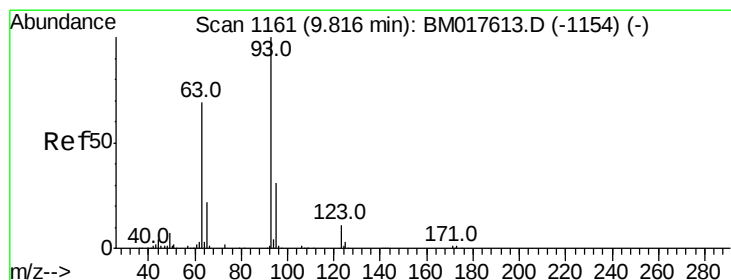
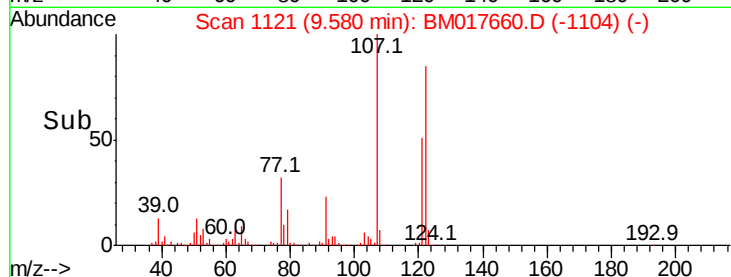
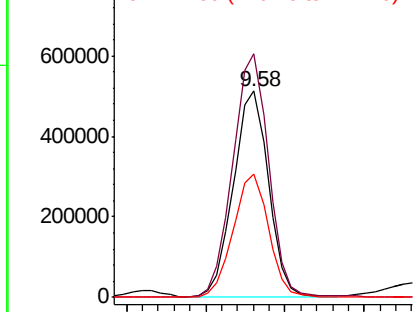


Abundance

Ion 122.00 (121.70 to 122.70): E

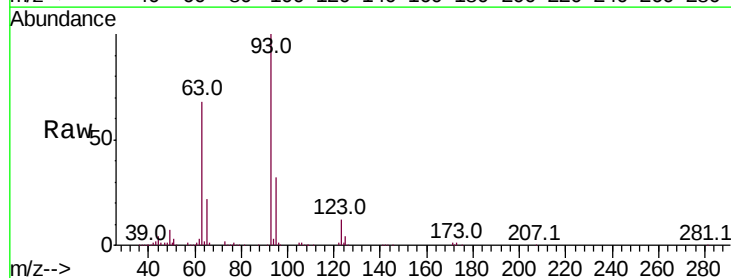
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.788 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1057604		
95	31.6	24.9	37.3	
123	11.7	8.7	13.1	

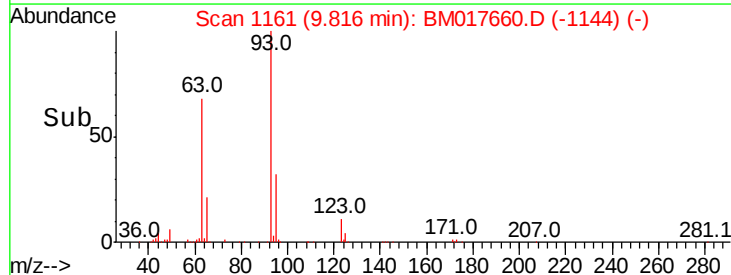
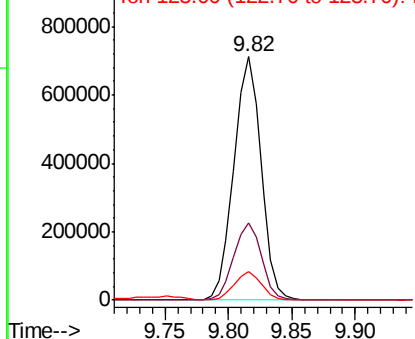


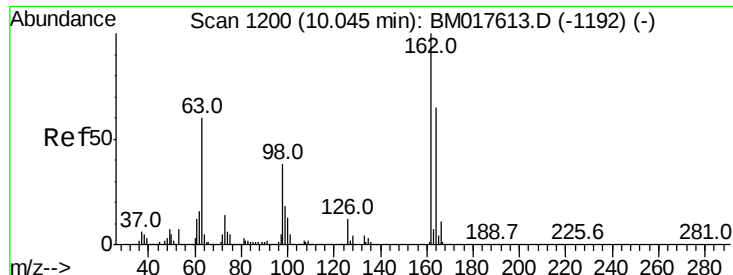
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





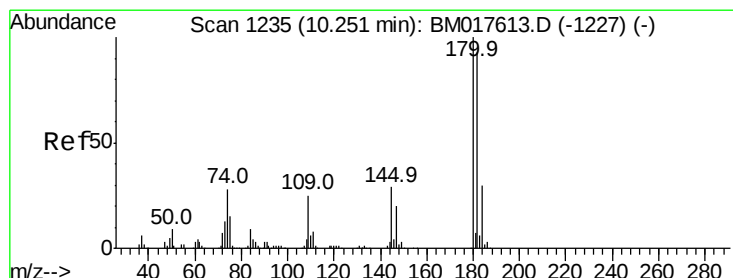
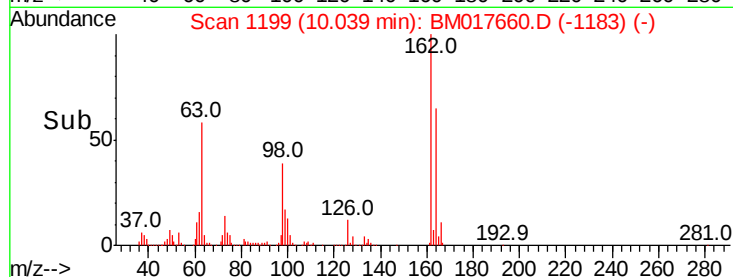
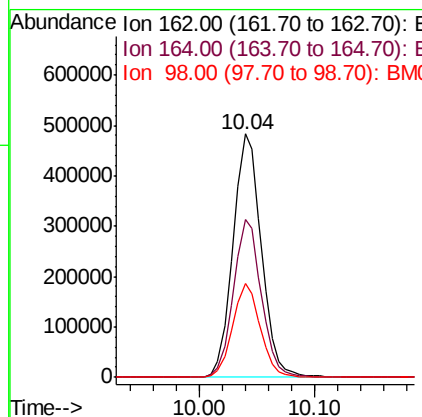
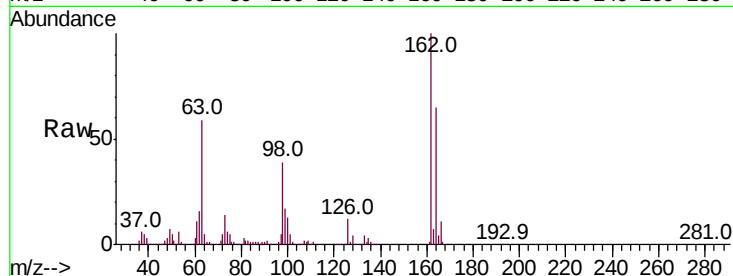
#29
2,4-Dichlorophenol
Concen: 48.787 ng
RT: 10.04 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	824234		
164	65.0	45.0	85.0	
98	38.8	17.5	57.5	

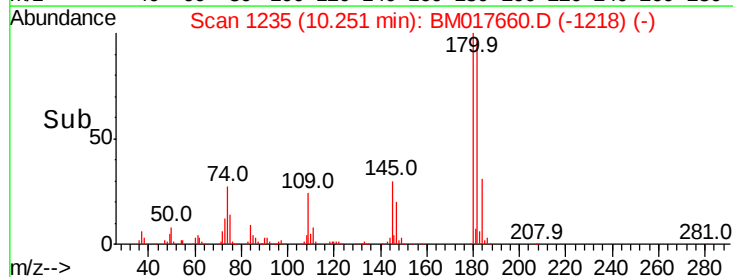
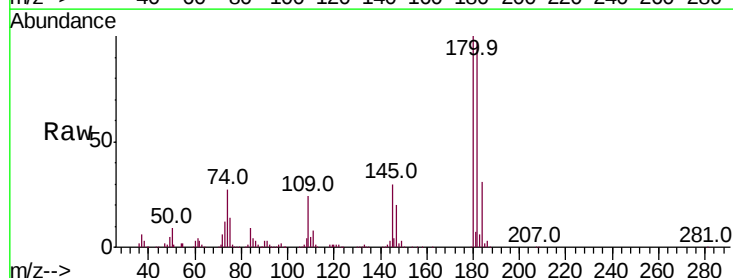
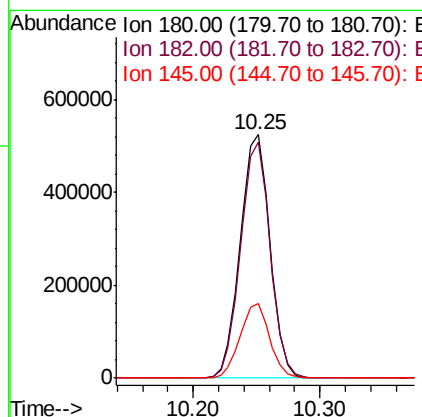
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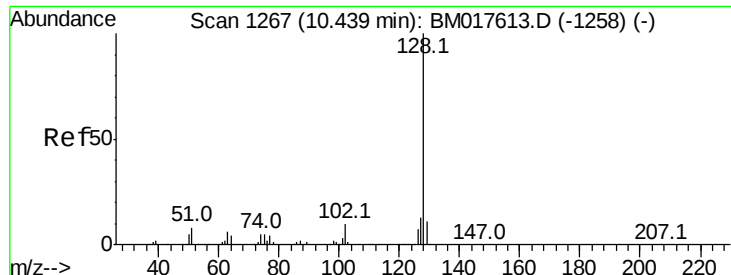
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#30
1,2,4-Trichlorobenzene
Concen: 43.465 ng
RT: 10.25 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	854057		
182	97.1	74.4	111.6	
145	30.4	23.5	35.3	





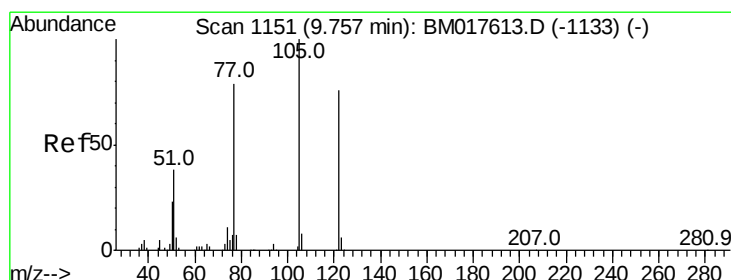
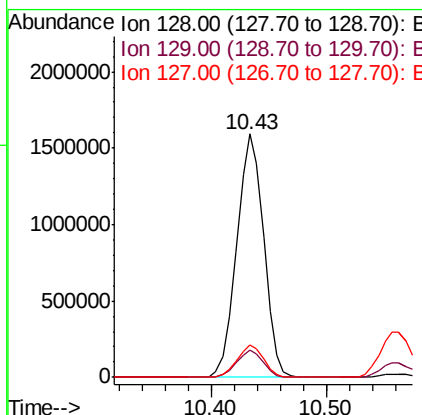
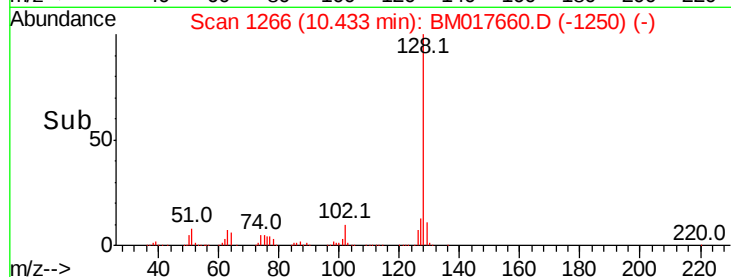
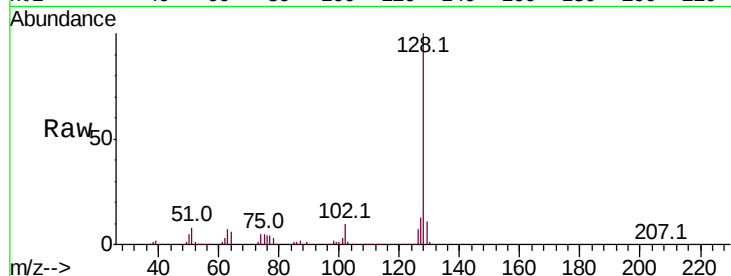
#31
Naphthalene
Concen: 46.698 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.3	10.3	15.5

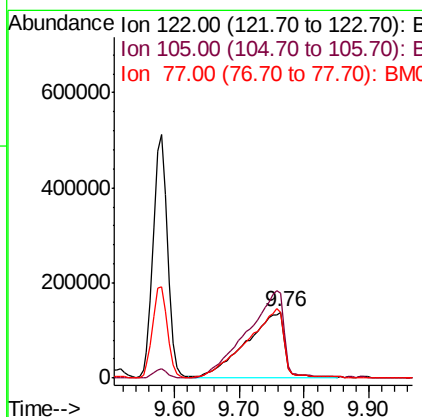
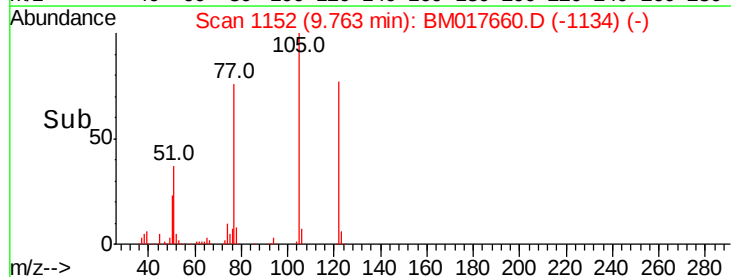
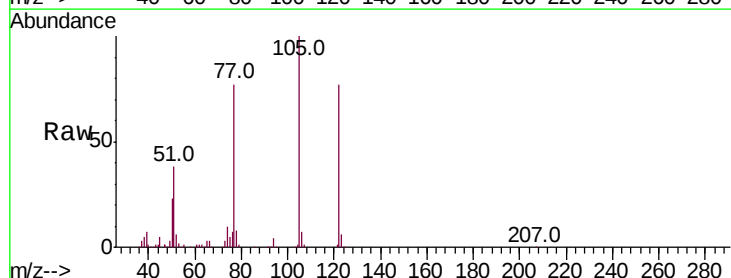
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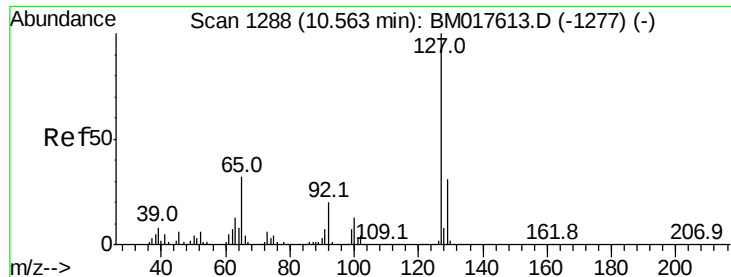
Sohil
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#32
Benzoic acid
Concen: 42.324 ng m
RT: 9.76 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	109.1	149.1
77	99.1	82.1	122.1





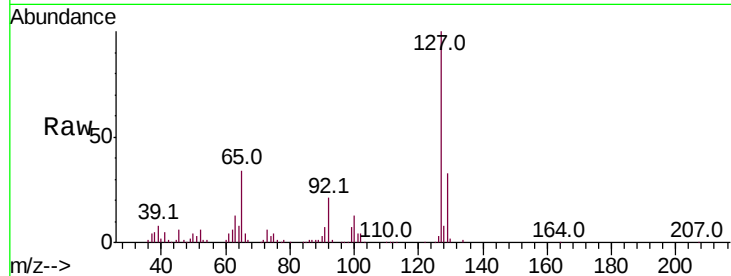
#33
4-Chloroaniline
Concen: 24.058 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.0	37.4	
65	33.5	25.8	38.8	
92	20.7	15.8	23.6	

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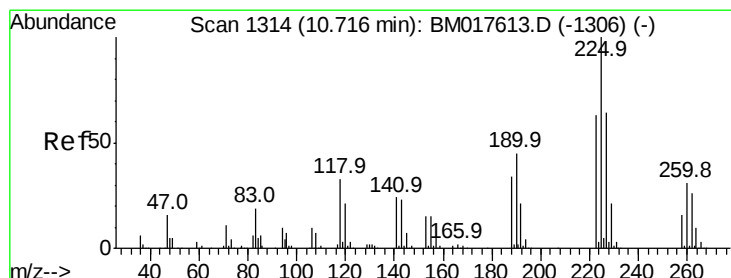
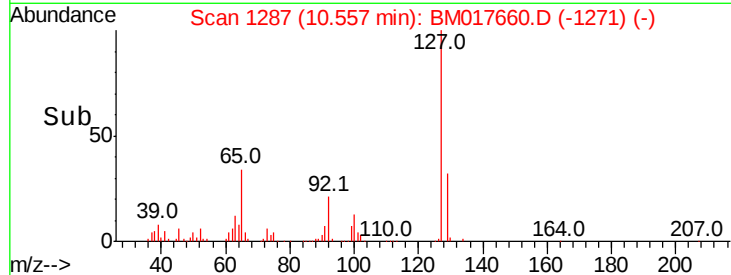
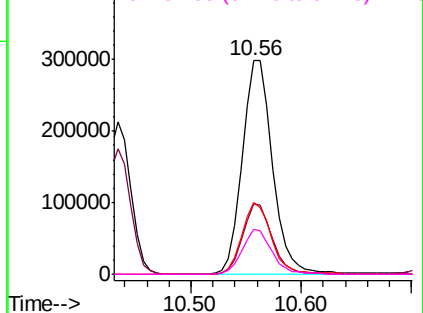
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

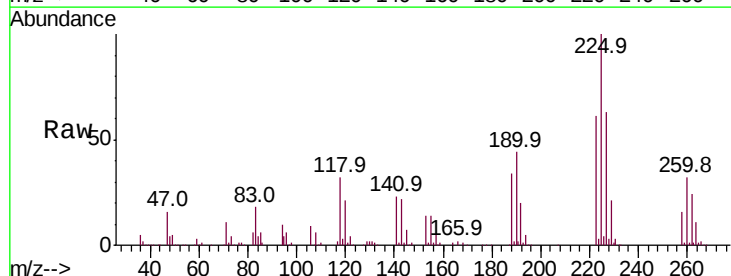
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.502 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	50.7	76.1	
227	62.8	51.0	76.4	

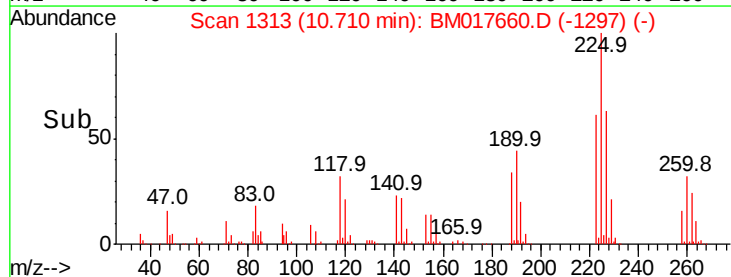
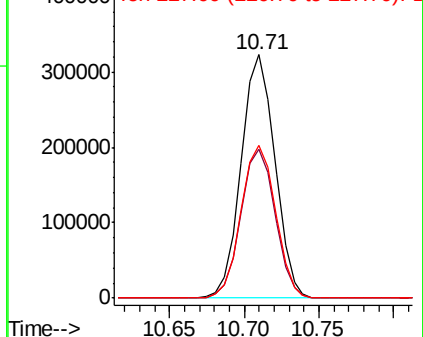


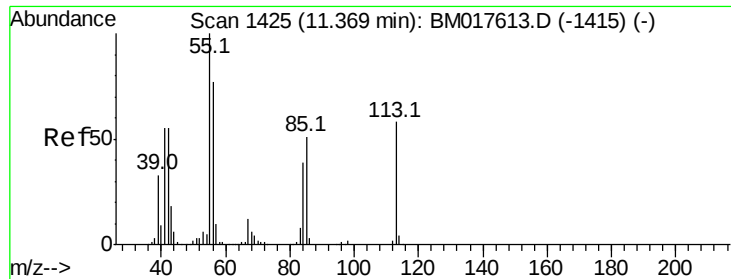
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





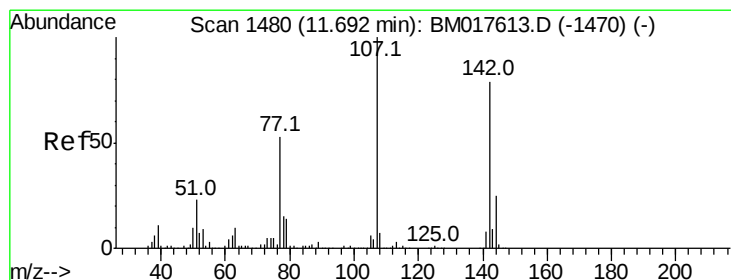
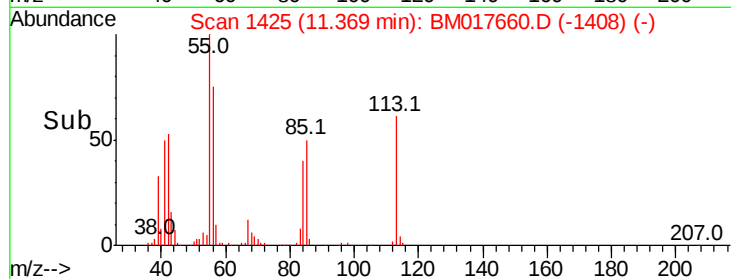
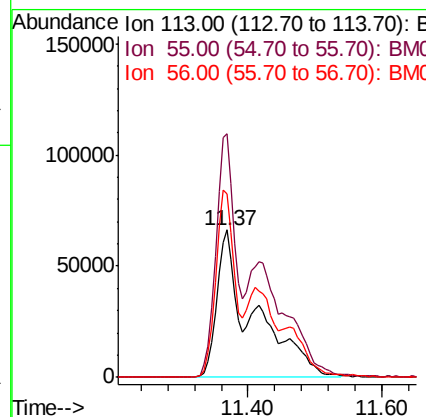
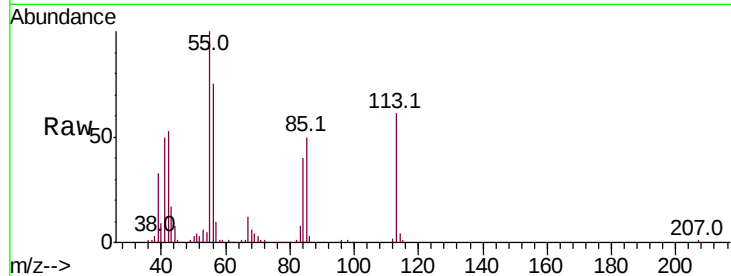
#35
Caprolactam
Concen: 40.561 ng/ml
RT: 11.37 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleID :
PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	165.1	153.1	193.1	
56	124.4	112.7	152.7	

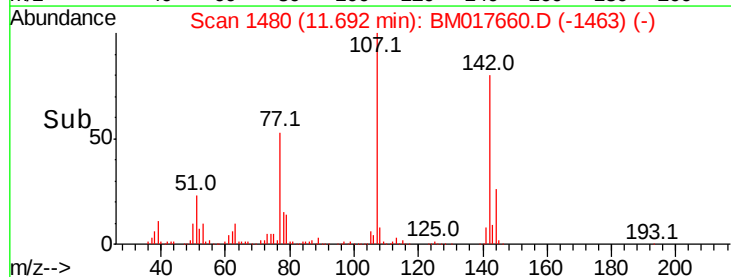
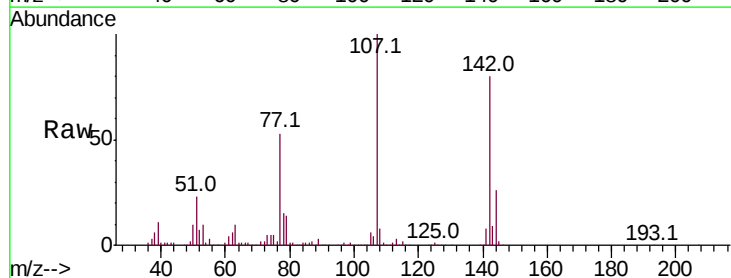
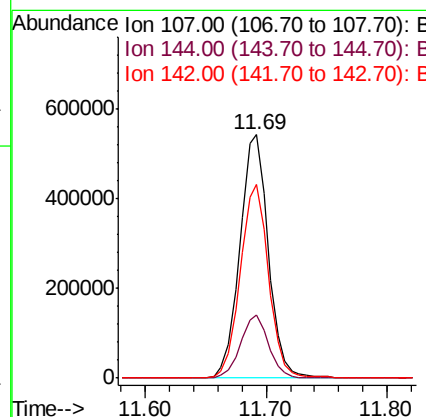
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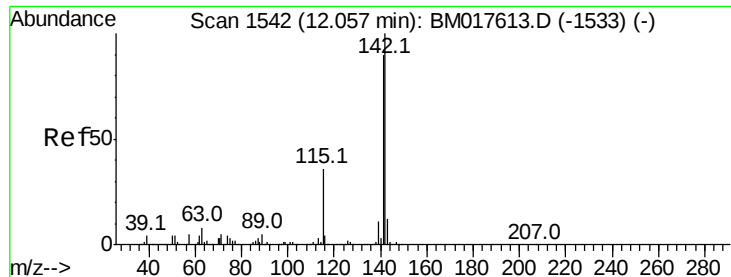
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#36
4-Chloro-3-methylphenol
Concen: 45.890 ng/ml
RT: 11.69 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.0	19.9	29.9	
142	79.6	63.0	94.4	





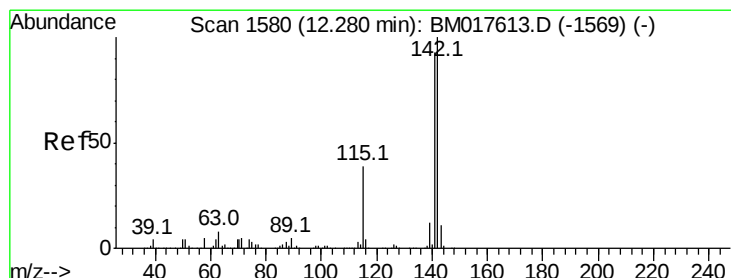
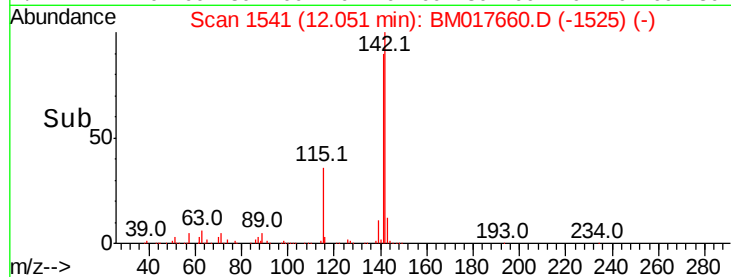
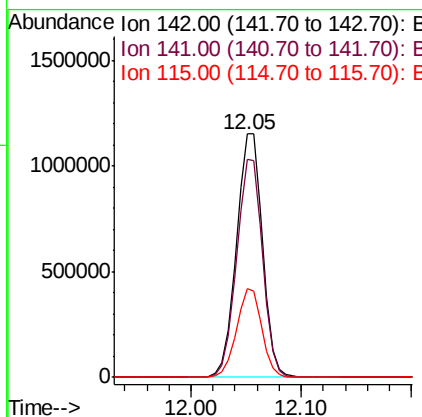
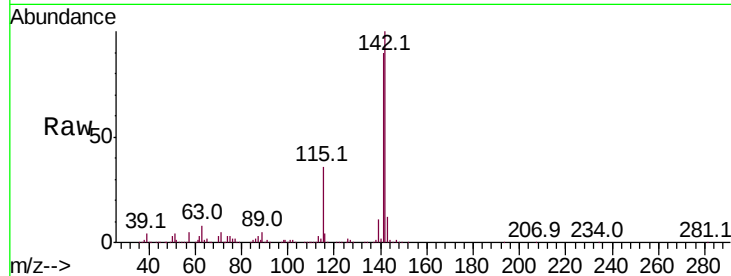
#37
 2-Methylnaphthalene
 Concen: 49.208 ng
 RT: 12.05 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion:142	Resp: 1907526
Ion Ratio	Lower Upper
142 100	
141 89.6	72.2 108.4
115 36.2	28.5 42.7

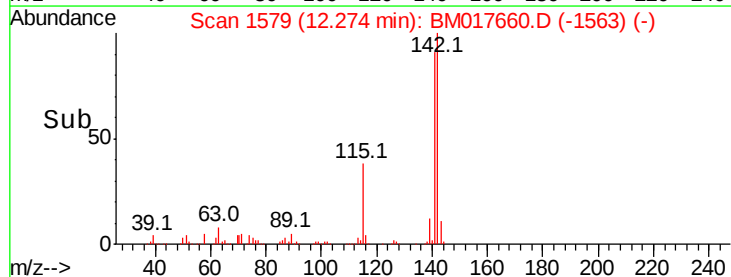
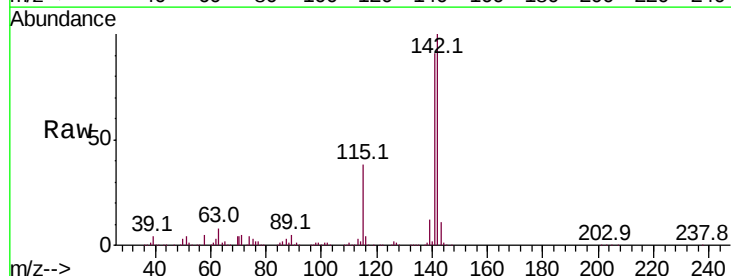
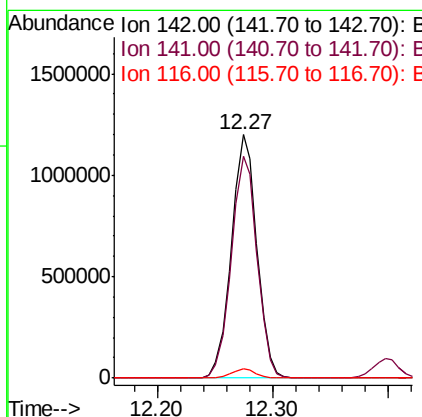
Manual Integrations
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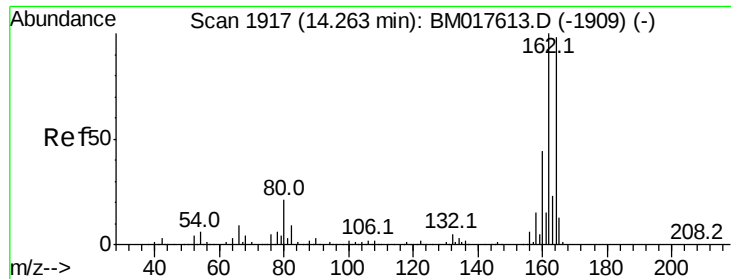
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#38
 1-Methylnaphthalene
 Concen: 47.936 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:142	Resp: 1821980
Ion Ratio	Lower Upper
142 100	
141 91.3	74.2 111.4
116 3.8	3.1 4.7





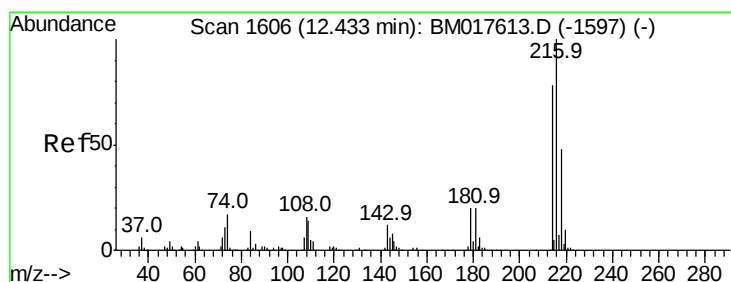
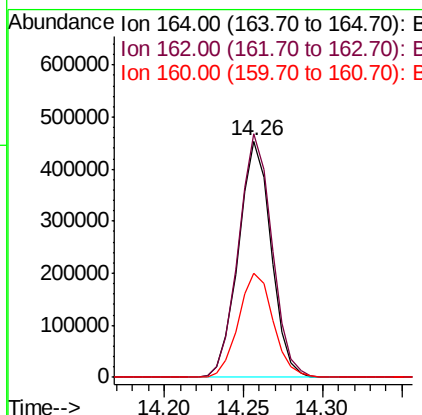
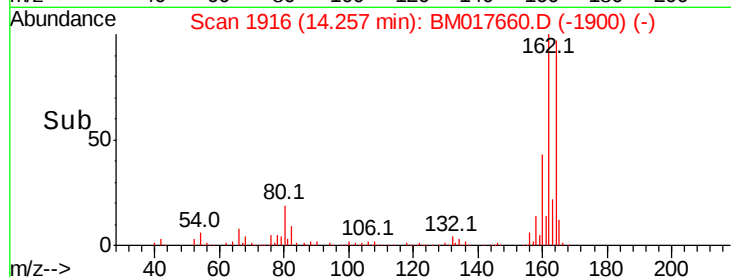
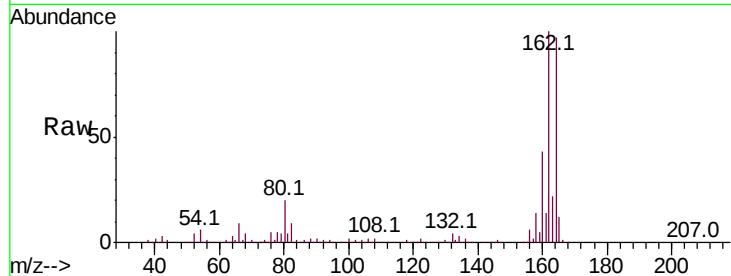
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	44.1	35.6	53.4

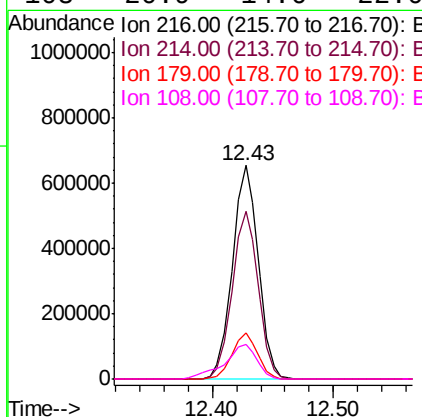
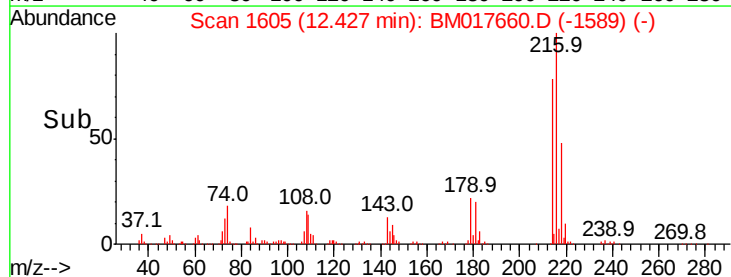
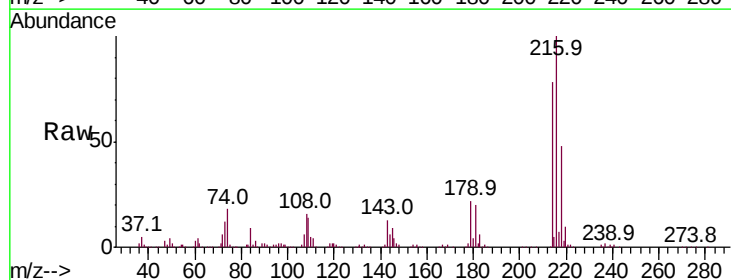
Manual Integrations
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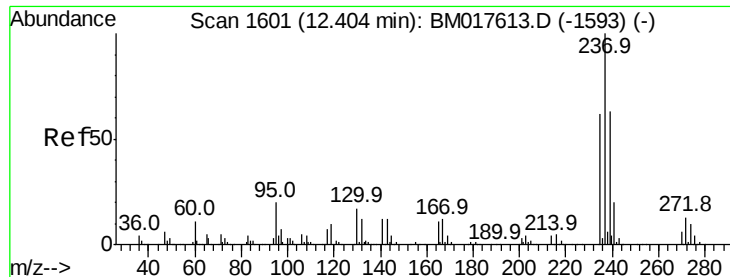
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.657 ng
RT: 12.43 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
179	21.2	16.8	25.2
108	20.9	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 106.689 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

Tot Ion:237 Resp: 1260993

Ion Ratio Lower Upper

237 100

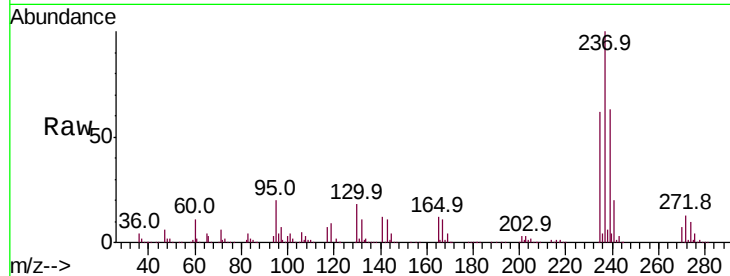
235 62.3 42.2 82.2

272 13.0 0.0 32.6

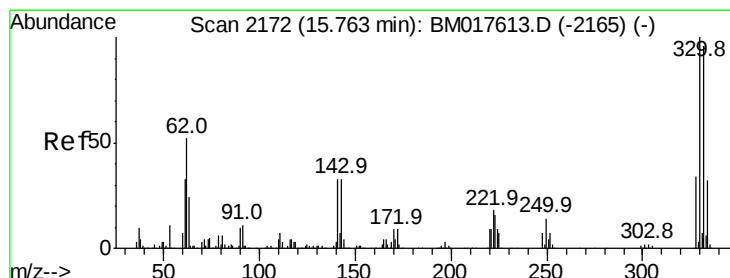
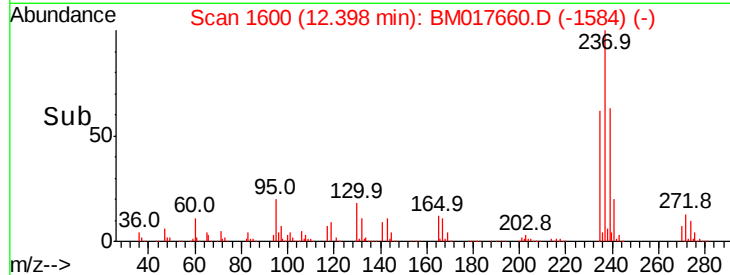
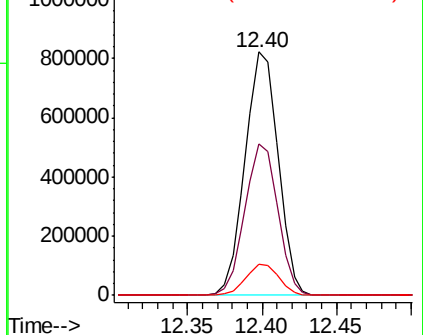
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.344 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

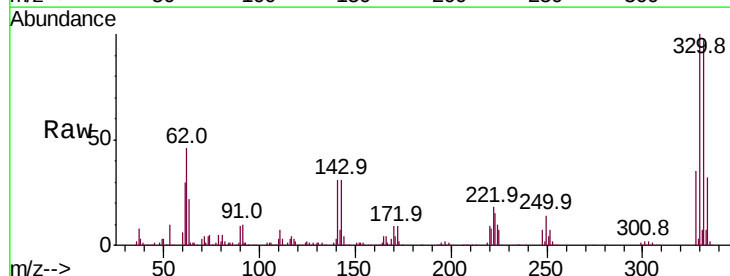
Tgt Ion:330 Resp: 1298718

Ion Ratio Lower Upper

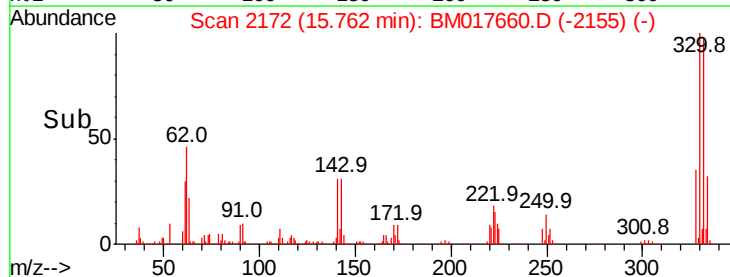
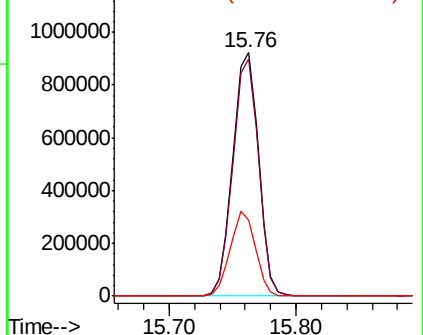
330 100

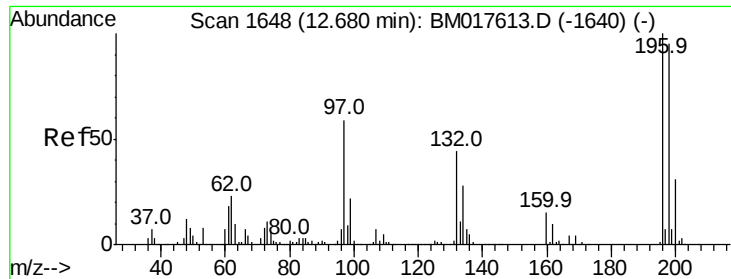
332 96.8 77.9 116.9

141 34.1 27.5 41.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





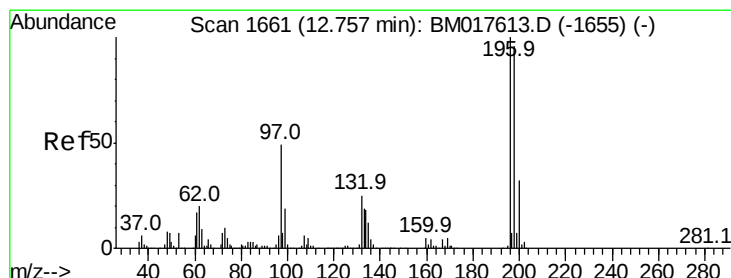
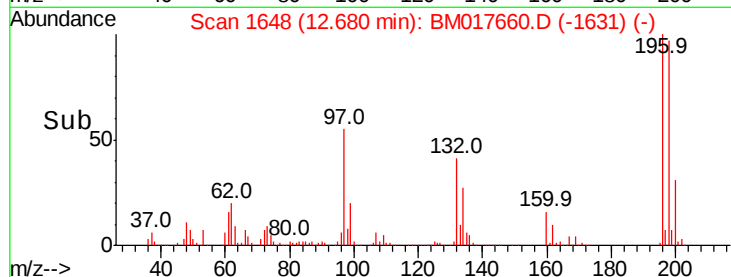
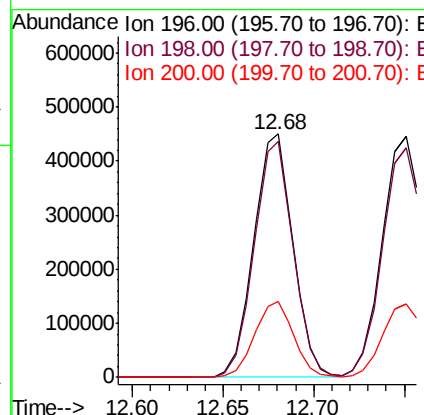
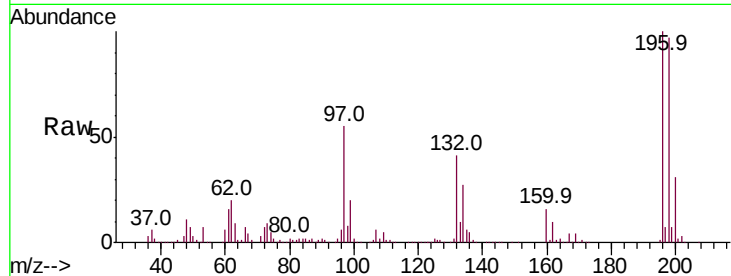
#43
 2,4,6-Trichlorophenol
 Concen: 47.438 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	679643		
198	97.0	75.6	113.4	
200	31.0	24.8	37.2	

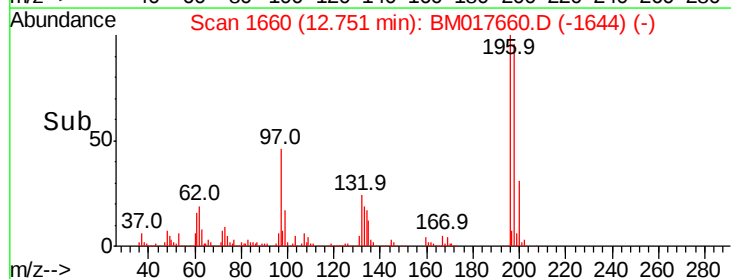
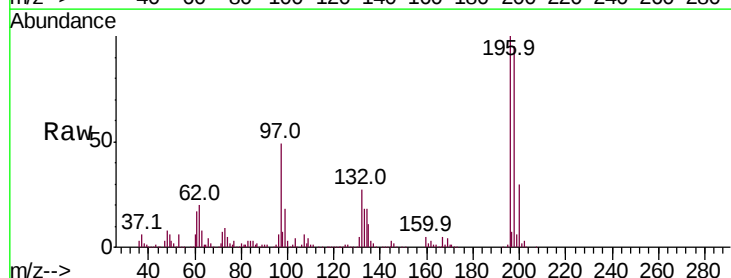
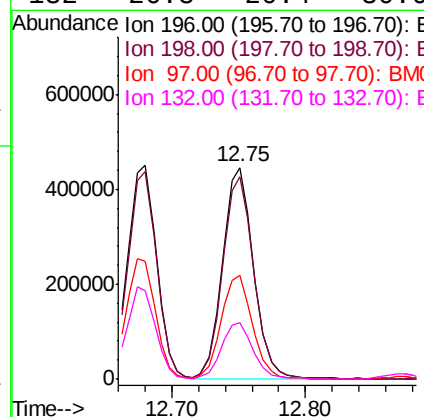
Manual Integrations
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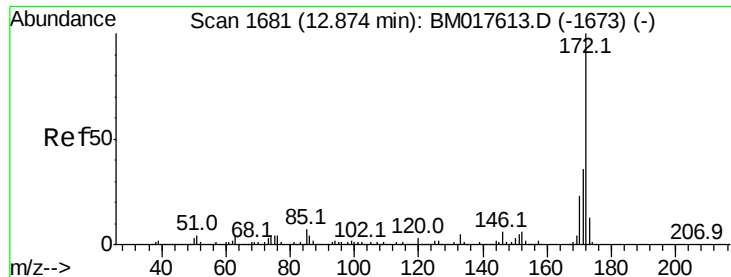
Sohil
 11/15/2018 4:20:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.897 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	724562		
198	95.3	76.8	115.2	
97	49.0	39.0	58.6	
132	26.8	20.4	30.6	





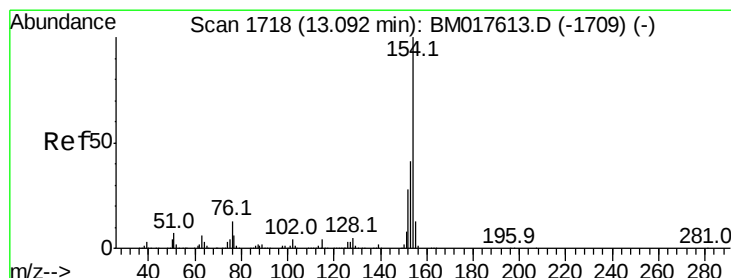
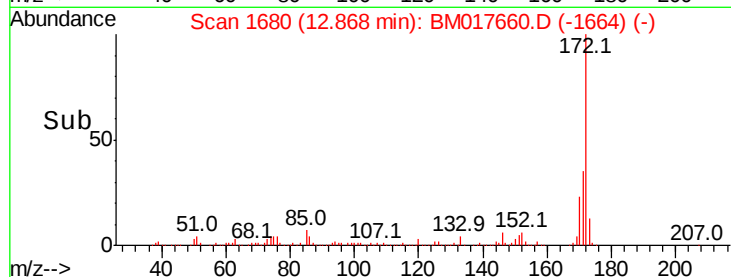
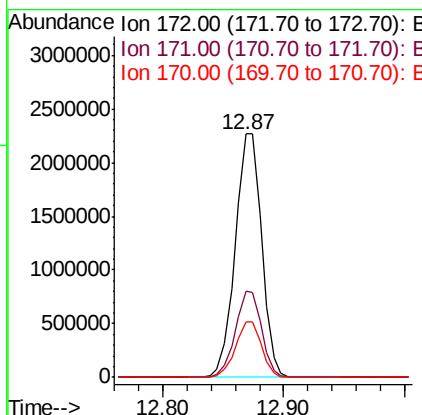
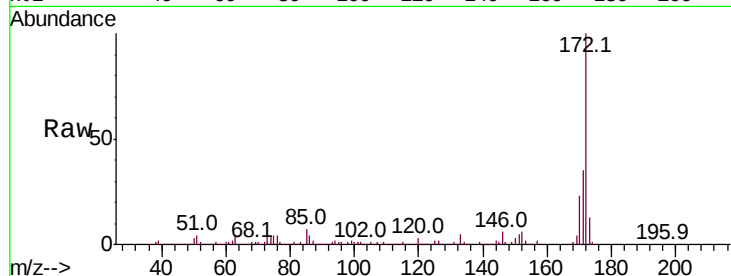
#45
2-Fluorobiphenyl
Concen: 69.184 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	22.8	18.3	27.5

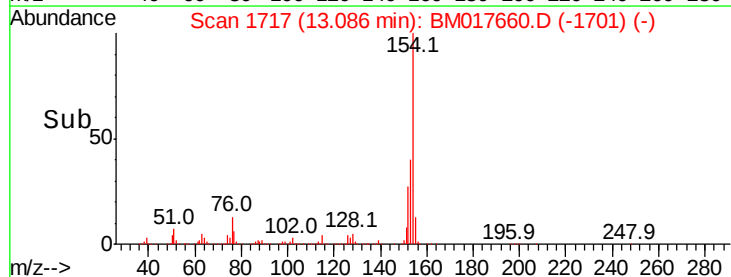
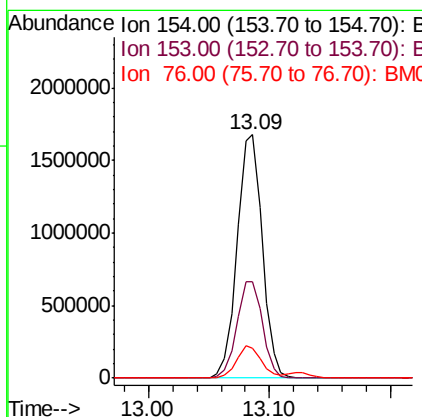
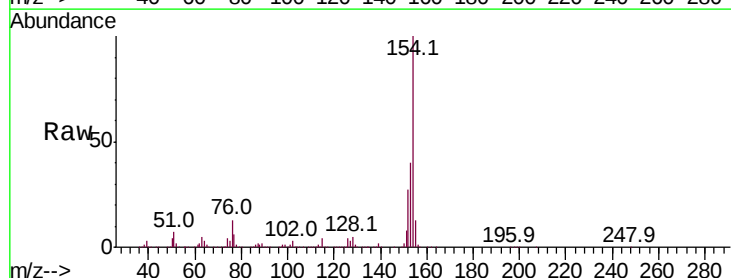
Manual Integrations
APPROVED

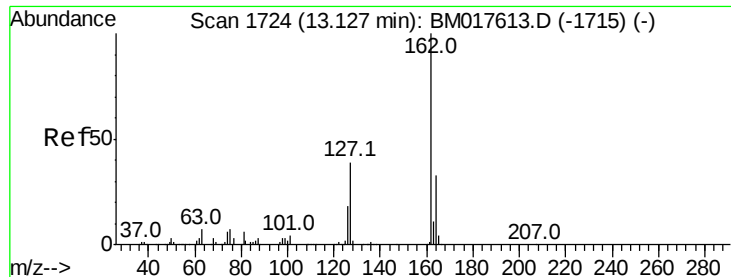
Sohil
11/15/2018 4:20:30 PM



#46
1,1'-Biphenyl
Concen: 41.825 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.8	60.8
76	12.5	0.0	32.8





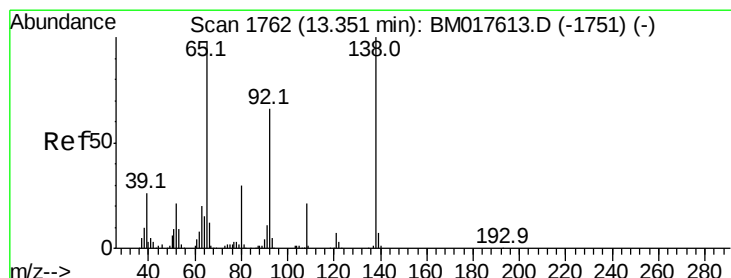
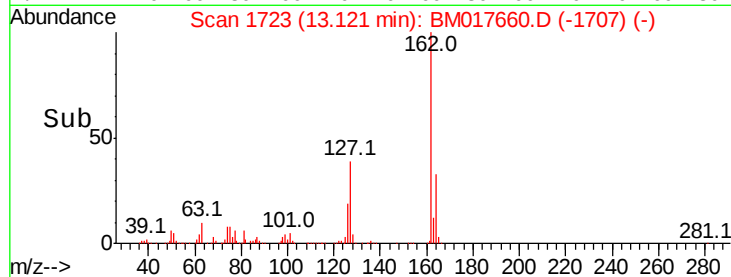
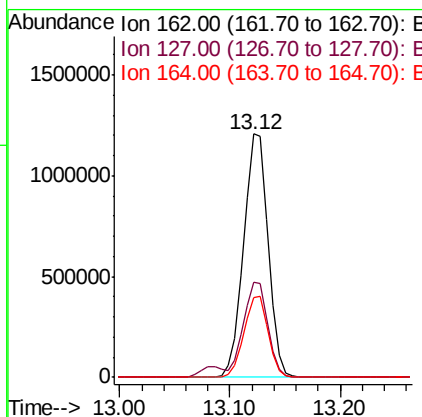
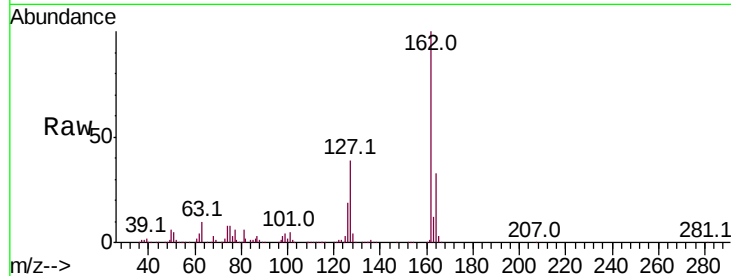
#47
2-Chloronaphthalene
Concen: 43.734 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.6	48.8
164	33.0	26.5	39.7

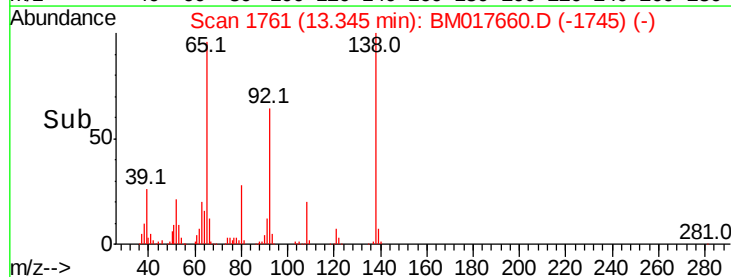
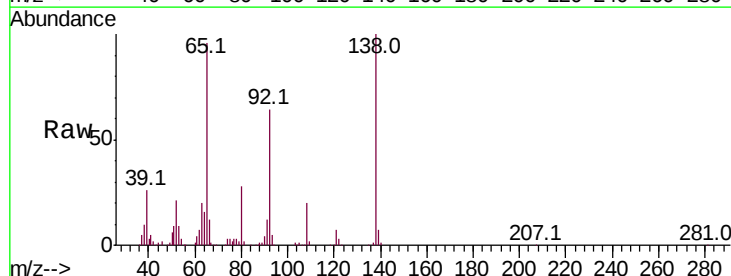
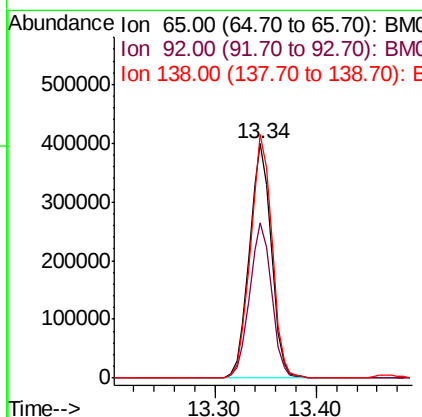
Manual Integrations
APPROVED

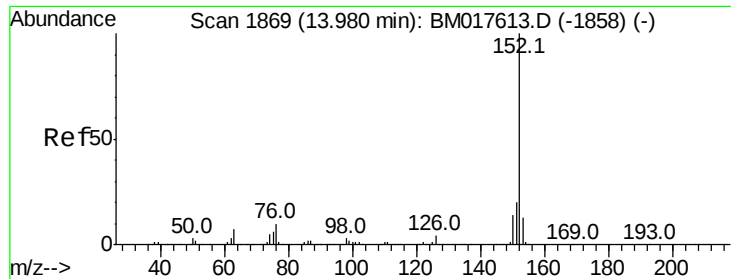
Sohil
11/15/2018 4:20:30 PM



#48
2-Nitroaniline
Concen: 45.039 ng
RT: 13.34 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.7	80.5
138	103.8	81.5	122.3





#49

Acenaphthylene

Concen: 47.795 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

Tot Ion:152 Resp: 3103365

Ion Ratio Lower Upper

152 100

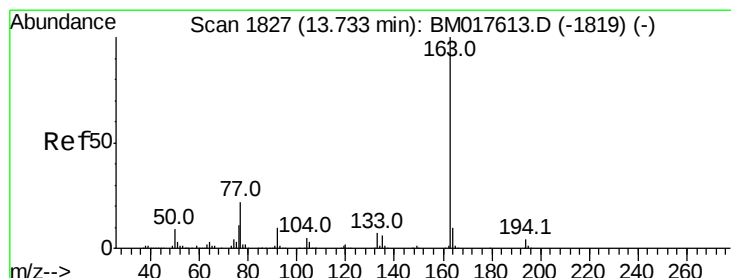
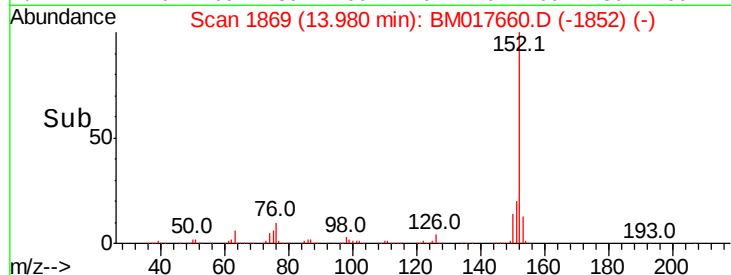
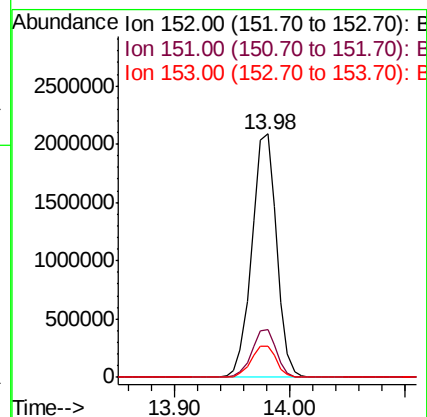
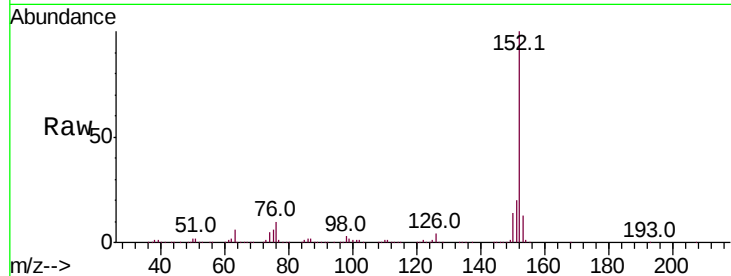
151 19.6 15.9 23.9

153 12.8 10.5 15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.979 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

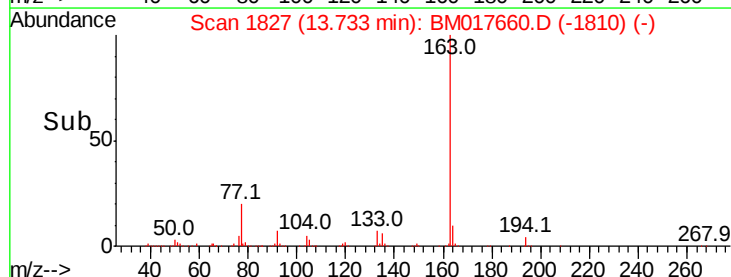
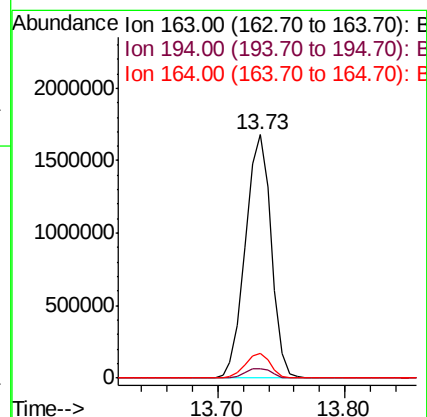
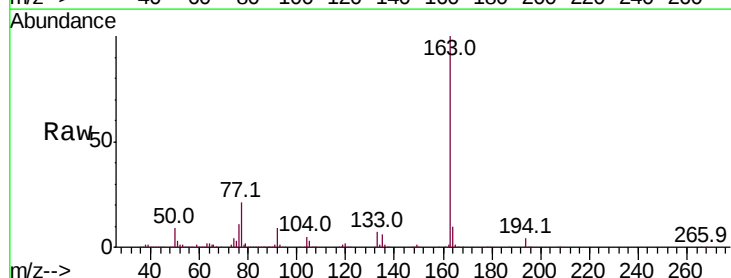
Tgt Ion:163 Resp: 2372113

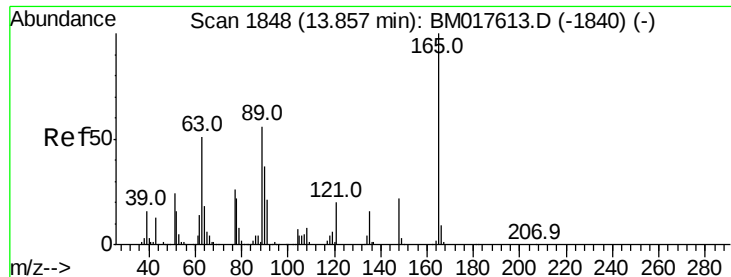
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.4





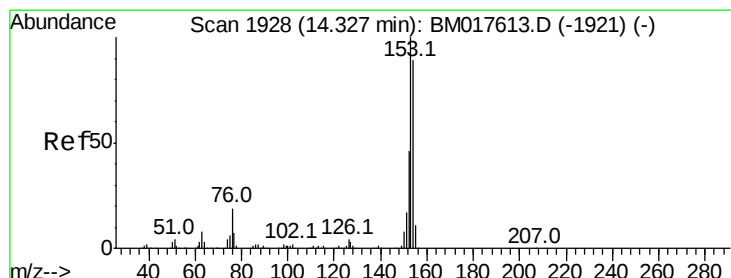
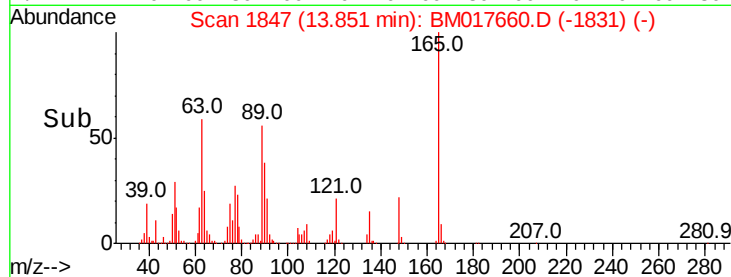
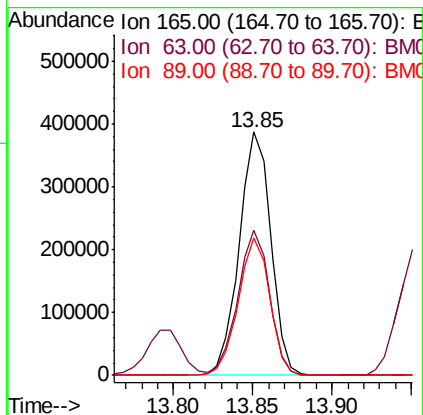
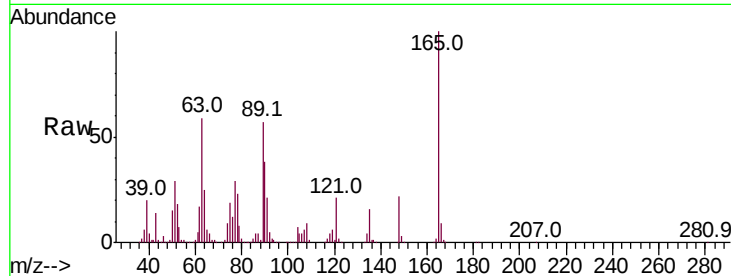
#51
2,6-Dinitrotoluene
Concen: 45.657 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampled :
PB114805BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	47.3	70.9
89	56.5	44.8	67.2

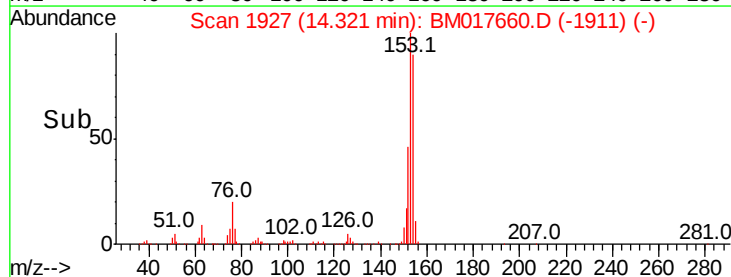
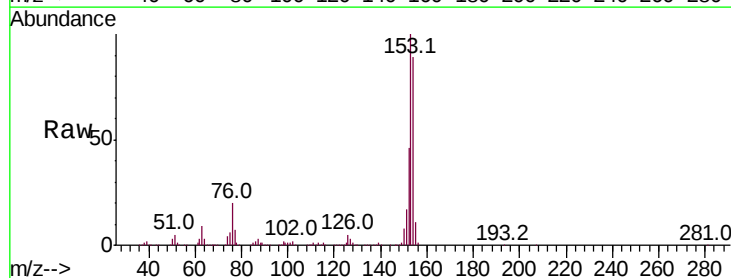
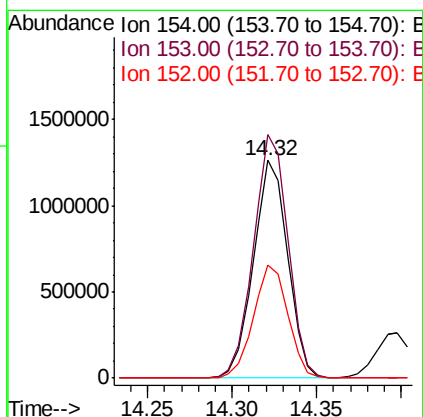
Manual Integrations
APPROVED

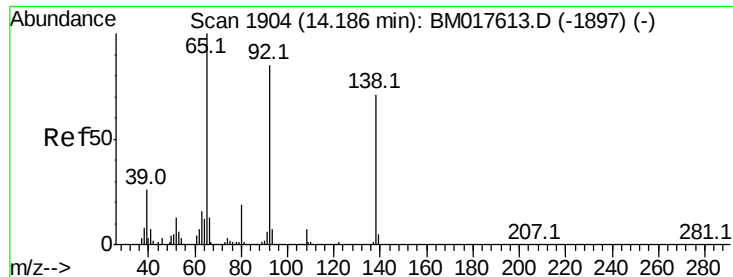
Sohil
11/15/2018 4:20:30 PM



#52
Acenaphthene
Concen: 44.833 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.2	135.4
152	51.8	41.6	62.4





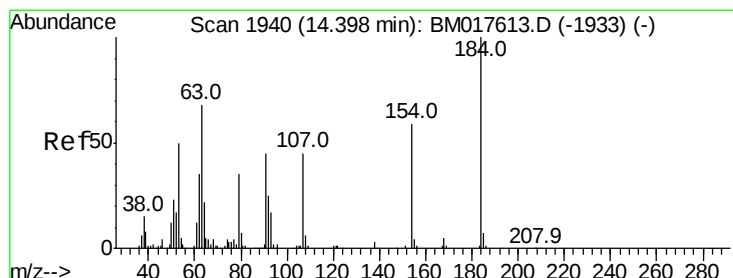
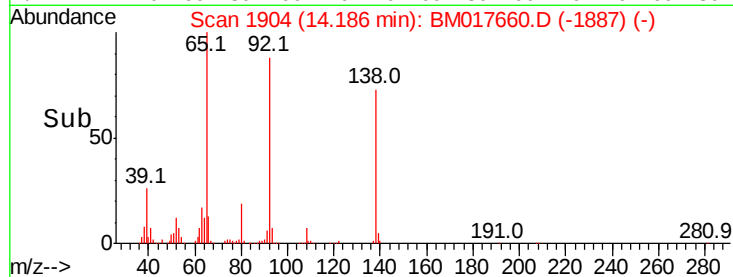
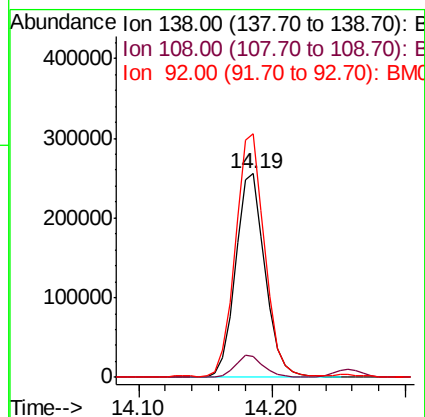
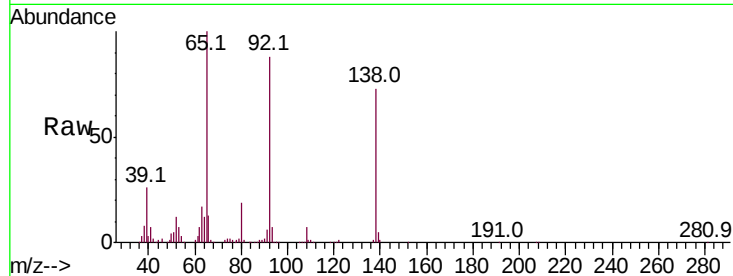
#53
3-Nitroaniline
Concen: 30.750 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.2	12.2
92	119.7	95.4	143.2

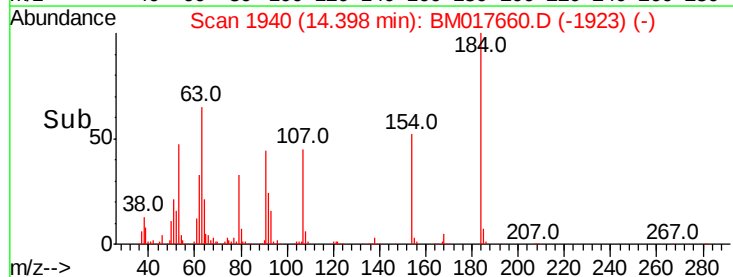
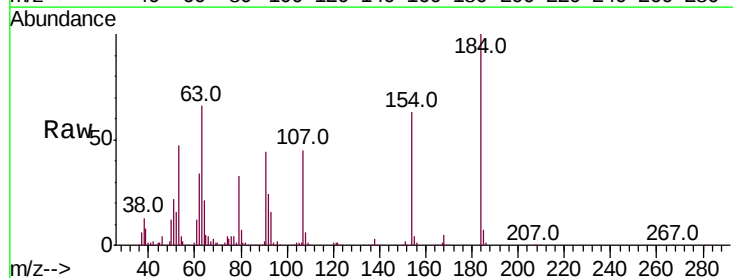
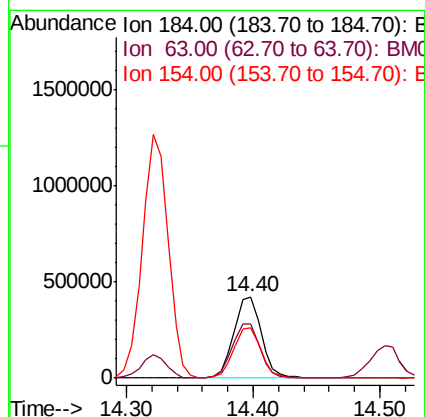
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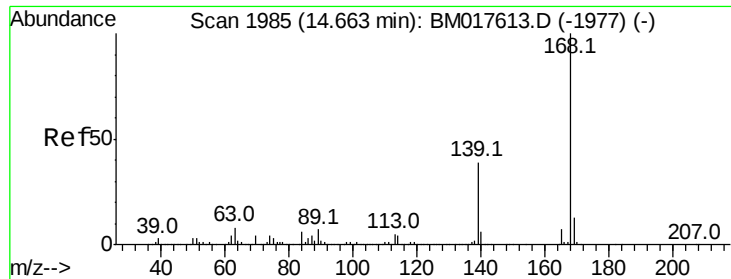
Sohil
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#54
2,4-Dinitrophenol
Concen: 87.962 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.3	55.1	82.7
154	62.7	51.3	76.9





#55

Dibenzofuran

Concen: 44.178 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampled :

PB114805BS

Tot Ion:168 Resp: 2876834

Ion Ratio Lower Upper

168 100

139 37.1 31.0 46.6

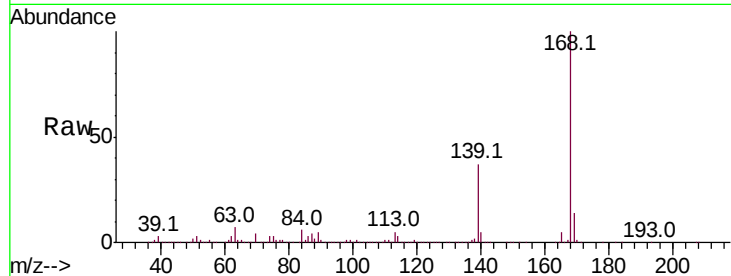
169 13.5 10.6 16.0

Manual Integrations

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Sohil

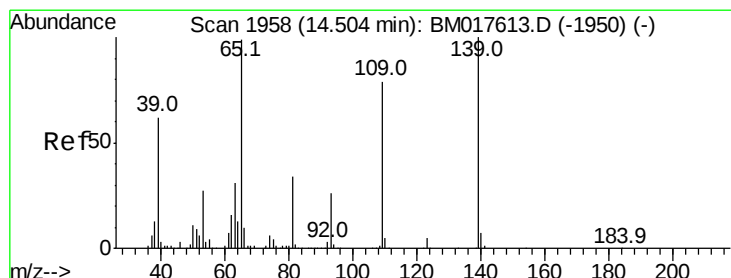
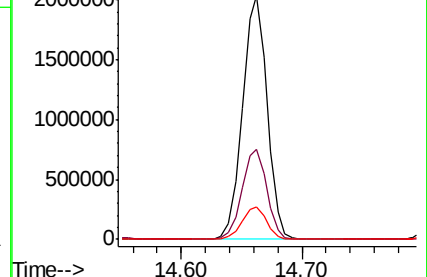
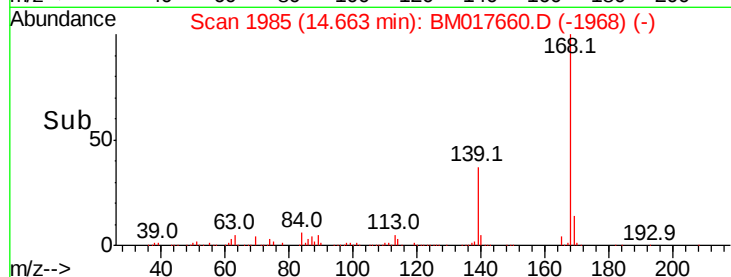
11/15/2018 4:20:30 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.655 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

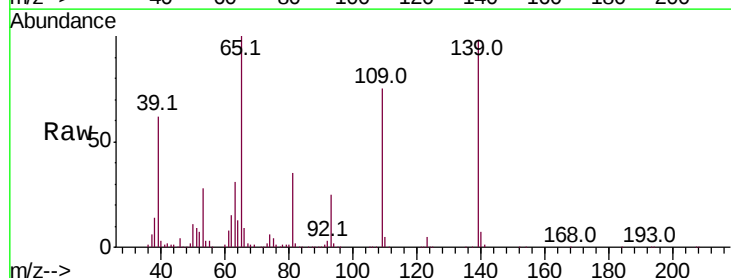
Tgt Ion:139 Resp: 890174

Ion Ratio Lower Upper

139 100

109 76.1 58.6 98.6

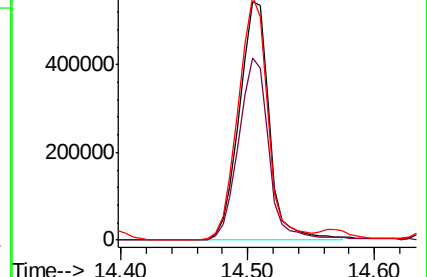
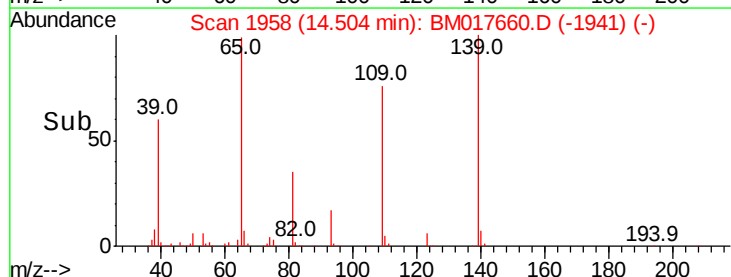
65 101.9 79.5 119.5

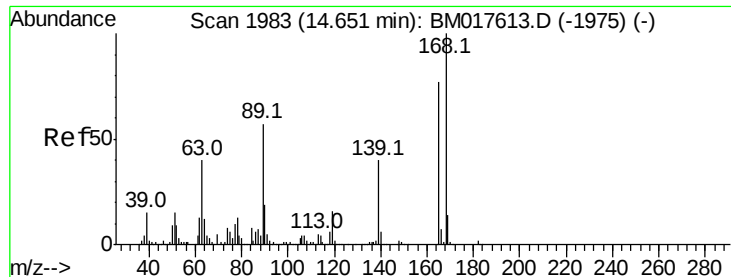


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





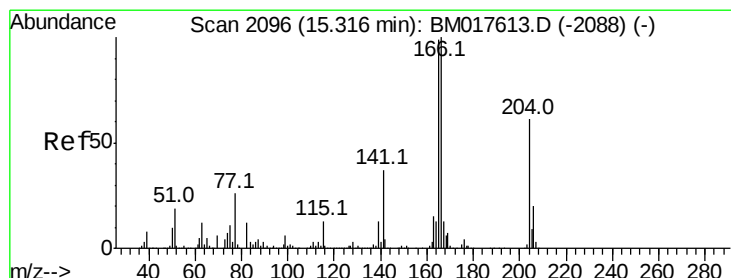
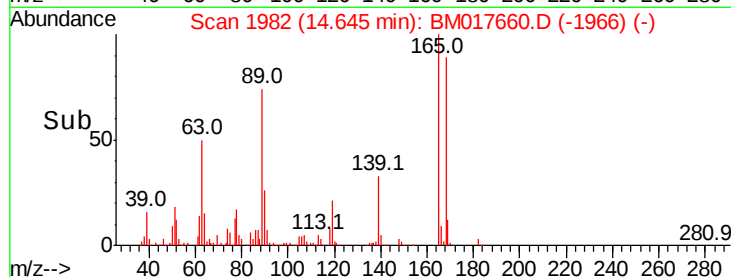
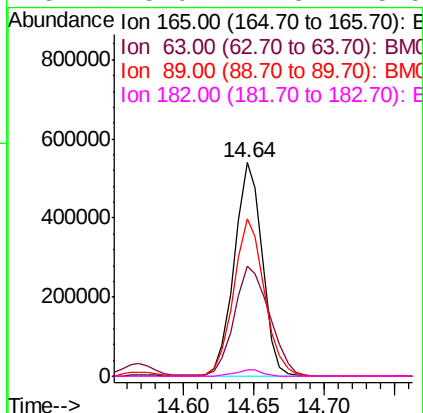
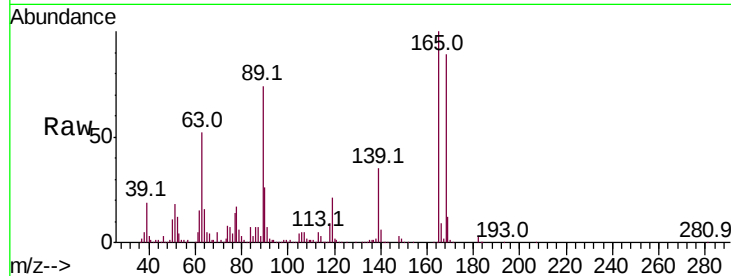
#57
2,4-Dinitrotoluene
Concen: 47.090 ng
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	745427		
63	51.6	41.8	62.8	
89	73.8	59.5	89.3	
182	3.0	2.3	3.5	

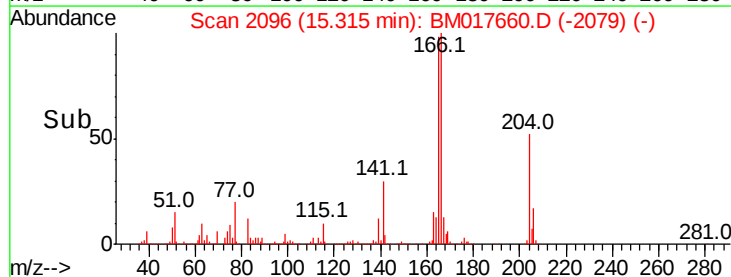
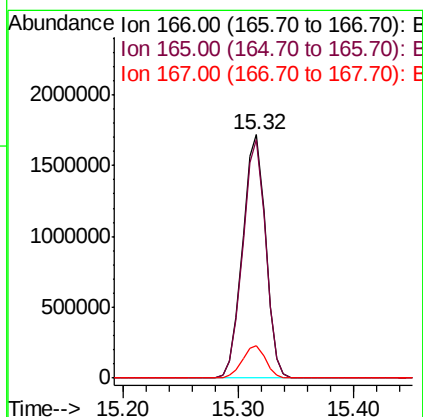
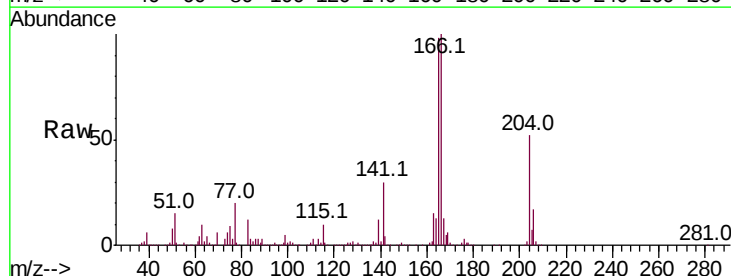
Manual Integrations
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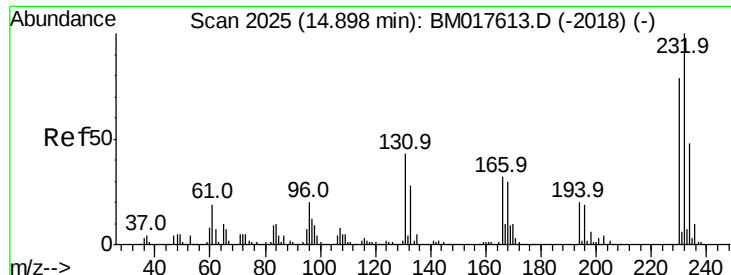
Sohil
11/15/2018 4:20:30 PM



#58
Fluorene
Concen: 47.697 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2377819		
165	97.7	79.0	118.6	
167	13.1	10.8	16.2	





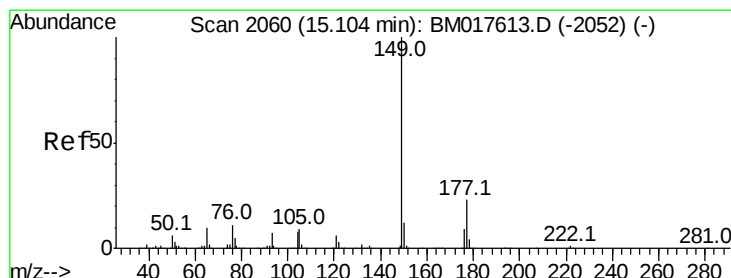
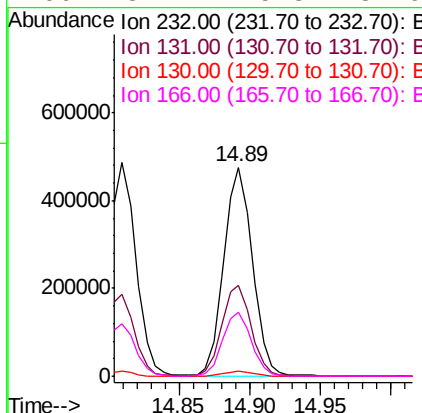
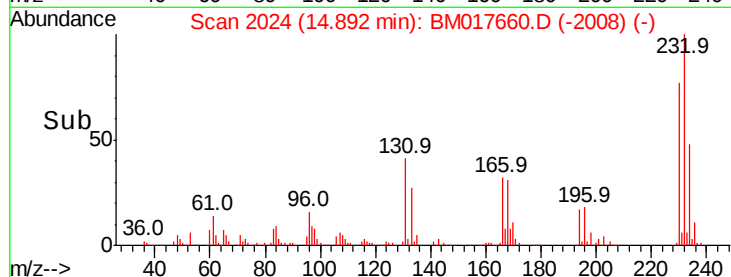
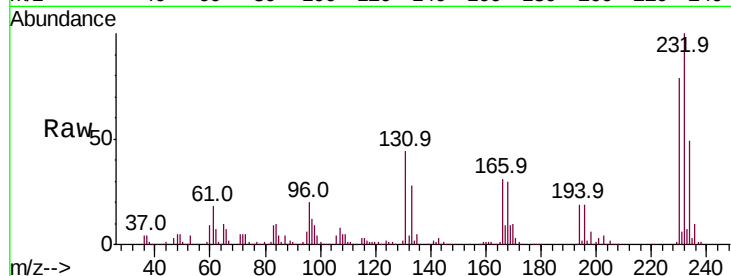
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.121 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	669546		
131	44.4		34.8	52.2
130	2.4		1.9	2.9
166	31.2		25.3	37.9

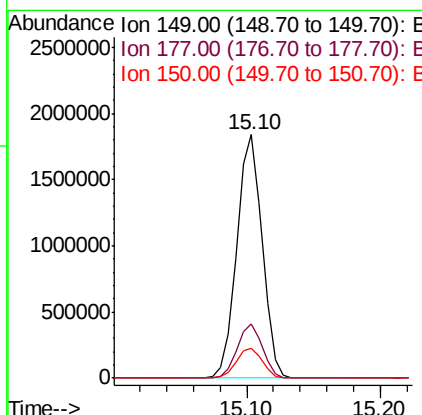
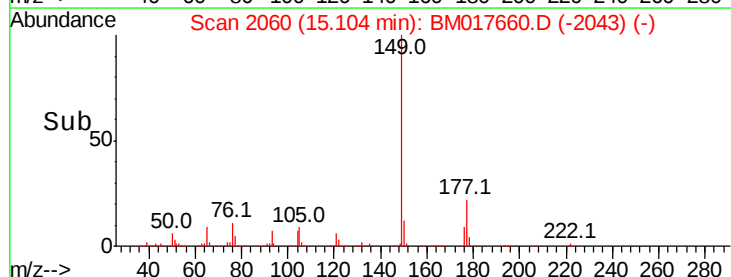
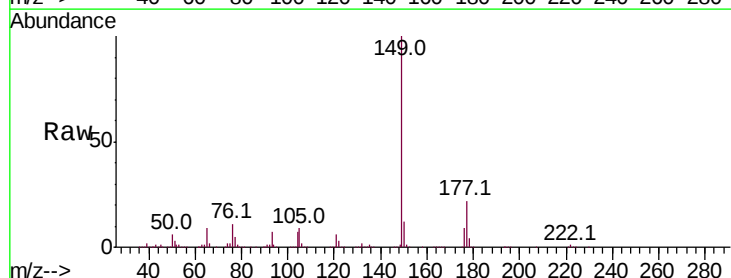
Manual Integrations
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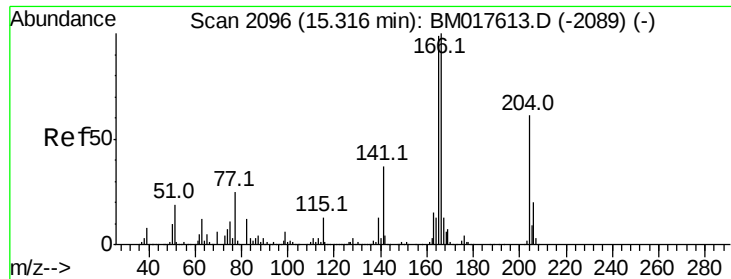
Sohil
 11/15/2018 4:20:30 PM



#60
 Diethylphthalate
 Concen: 42.482 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2420701		
177	22.3		18.1	27.1
150	12.2		9.9	14.9





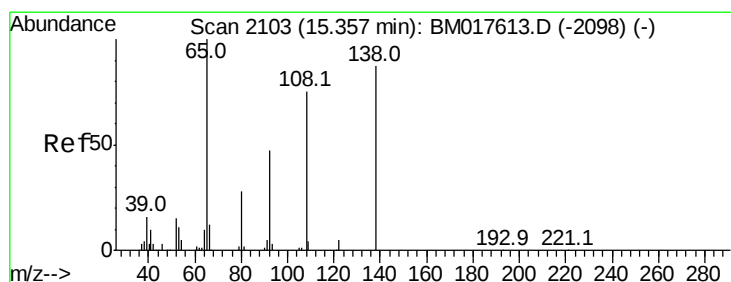
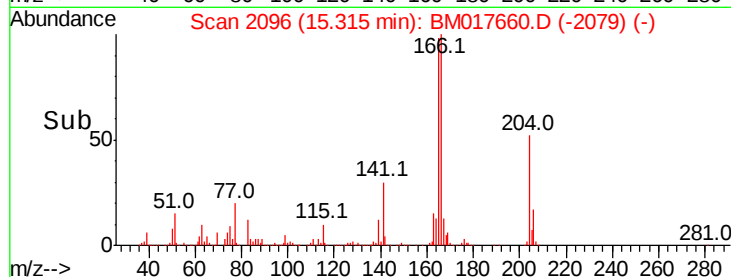
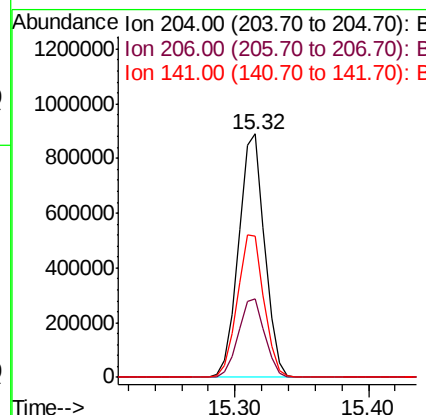
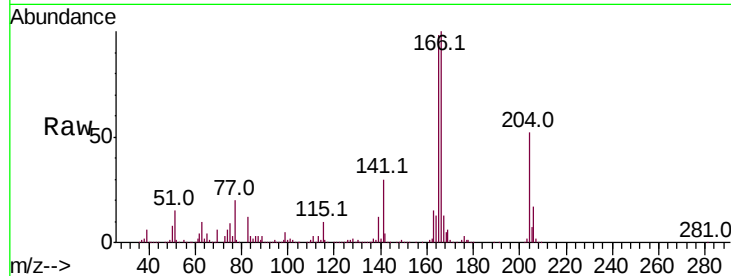
#61
4-Chlorophenyl-phenylether
Concen: 42.487 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion:204 Resp: 1203389
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 57.8 47.9 71.9

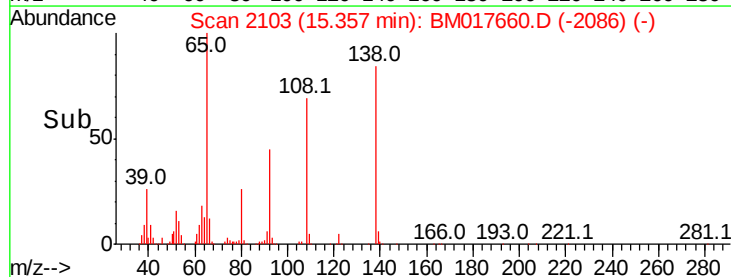
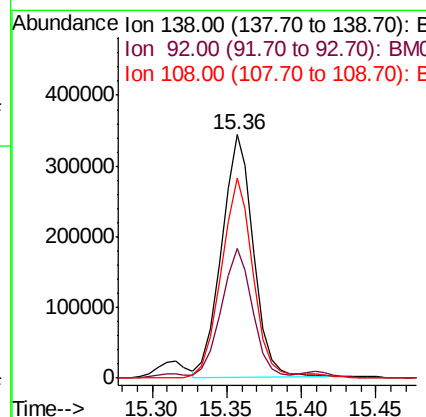
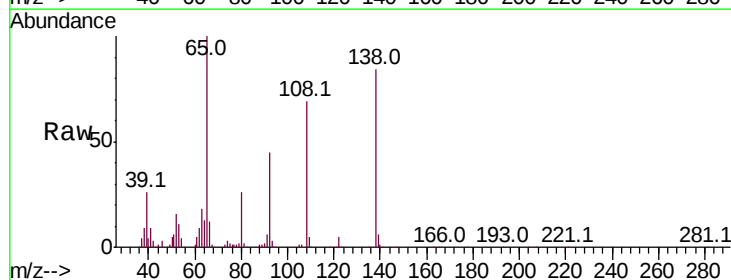
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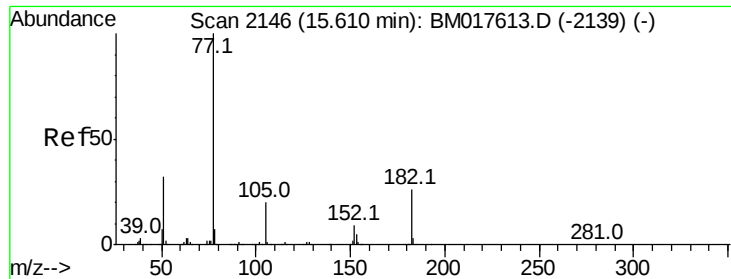
Sohil
11/15/2018 4:20:30 PM



#62
4-Nitroaniline
Concen: 42.608 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion:138 Resp: 513410
Ion Ratio Lower Upper
138 100
92 53.4 33.4 73.4
108 82.1 64.3 104.3





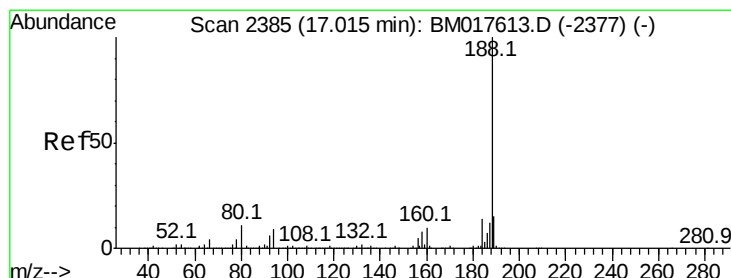
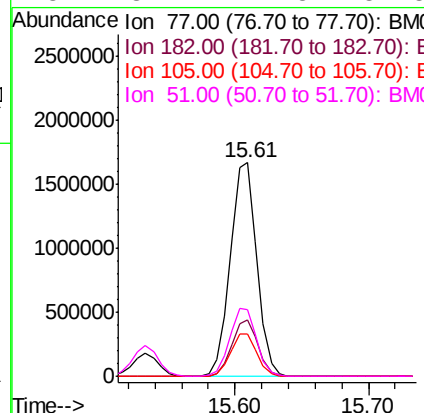
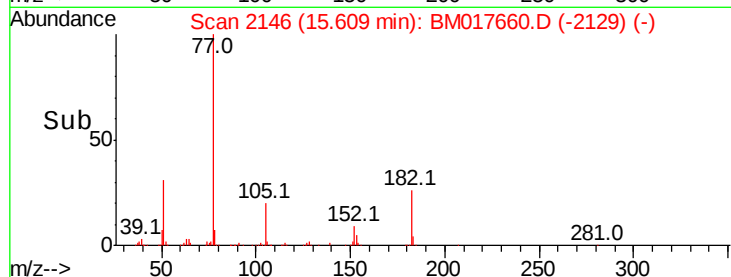
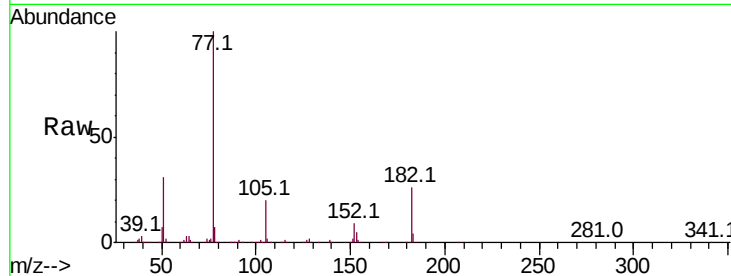
#63
Azobenzene
Concen: 44.156 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.8	45.8
105	19.9	0.0	40.0
51	31.1	12.5	52.5

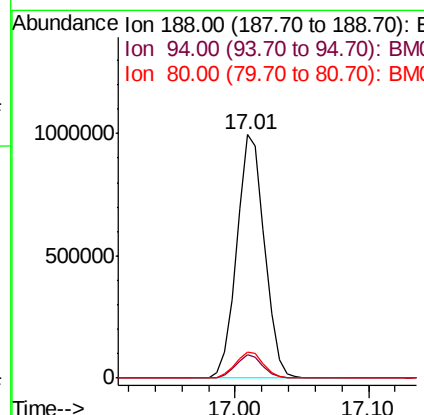
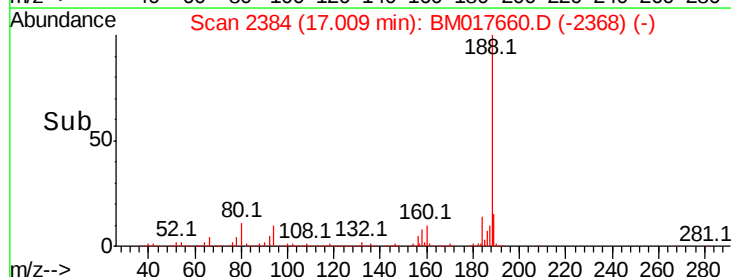
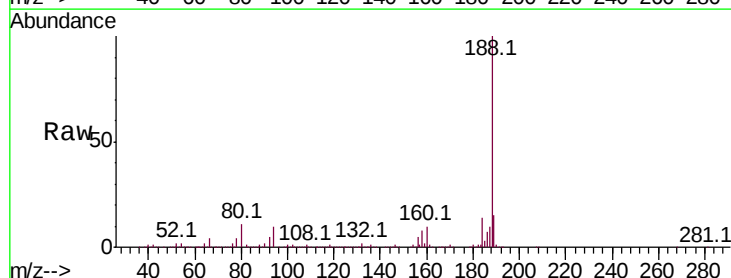
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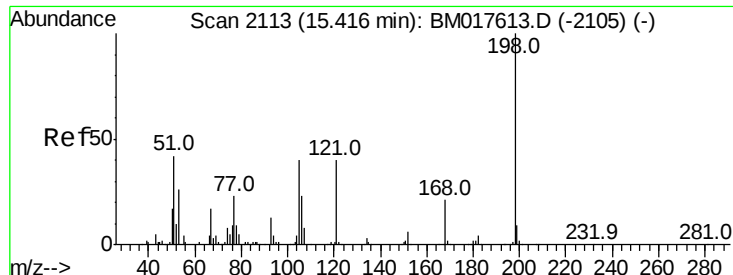
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.8	8.6	13.0





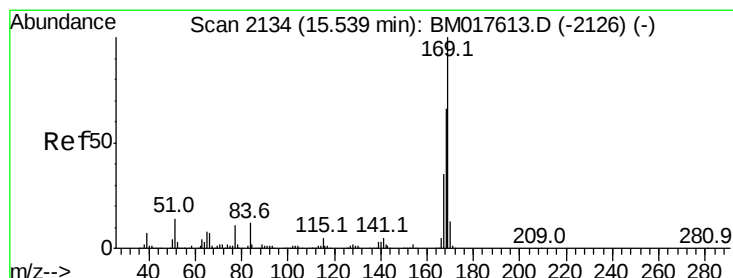
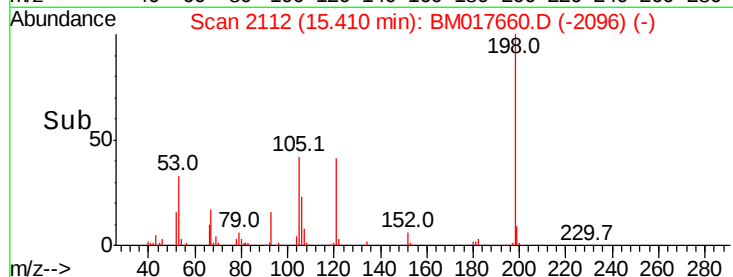
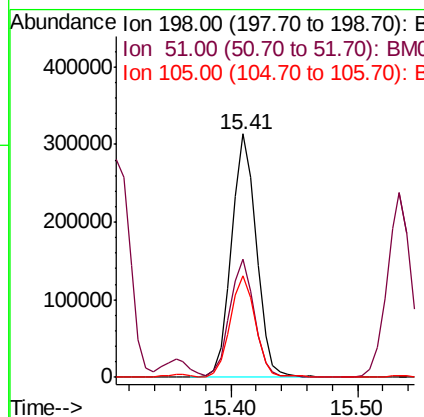
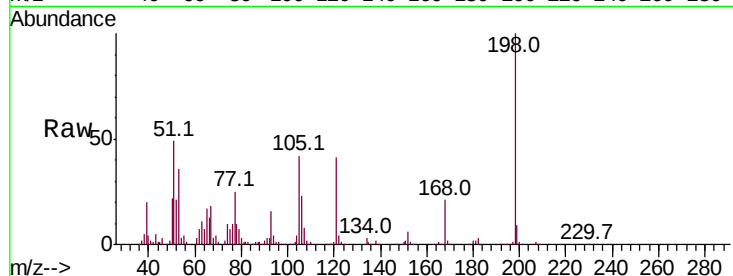
#65
4,6-Dinitro-2-methylphenol
Concen: 42.482 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	423550		
51	48.6	25.9	65.9	
105	41.7	20.6	60.6	

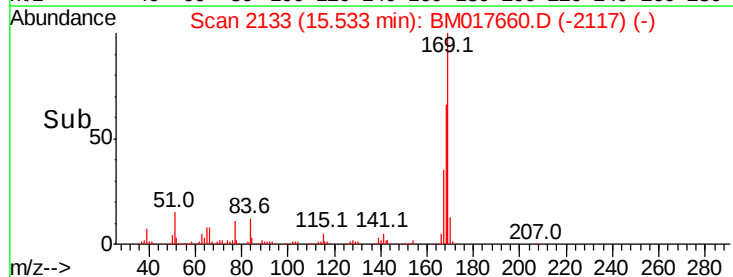
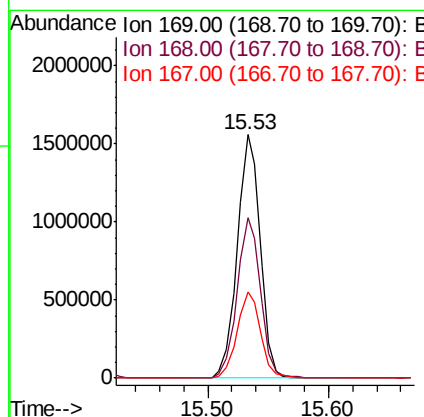
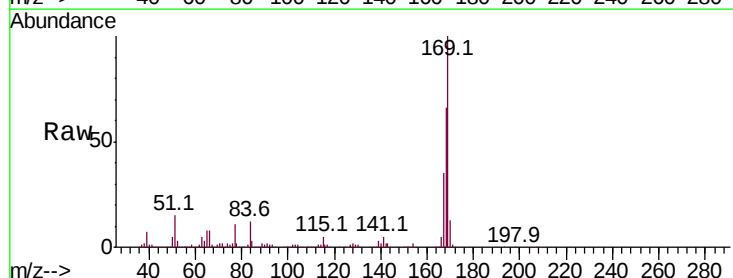
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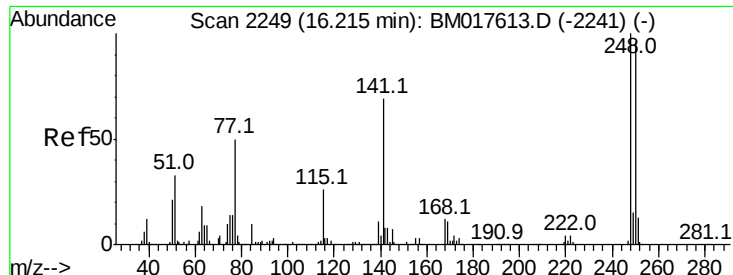
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 44.582 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2062883		
168	66.1	53.0	79.6	
167	35.3	28.0	42.0	





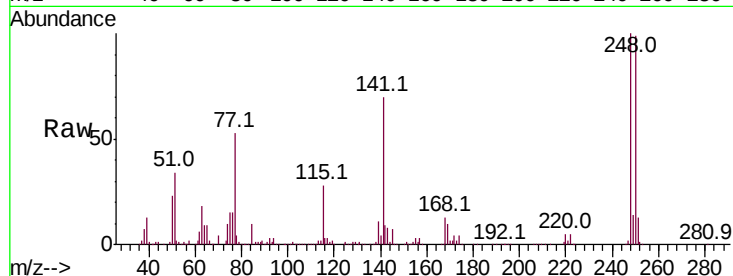
#67
4-Bromophenyl-phenylether
Concen: 43.802 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.5	114.7
141	70.4	54.9	82.3

Manual Integrations
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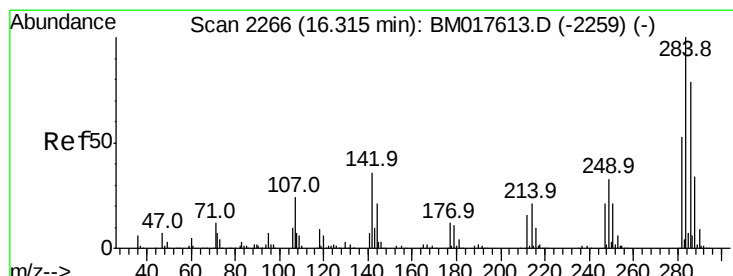
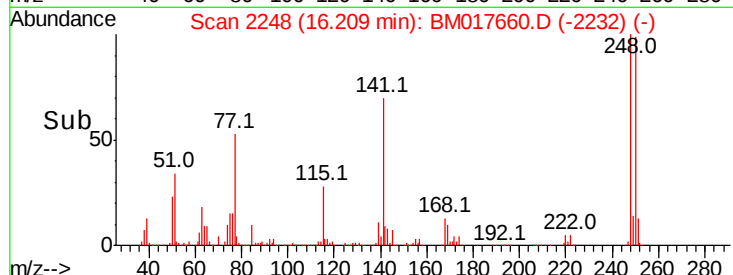
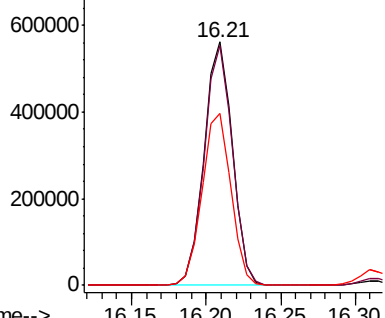


Abundance

Ion 248.00 (247.70 to 248.70): E

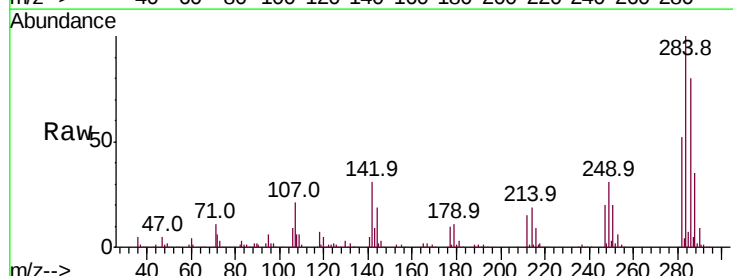
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.046 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	28.4	42.6
249	31.0	26.4	39.6

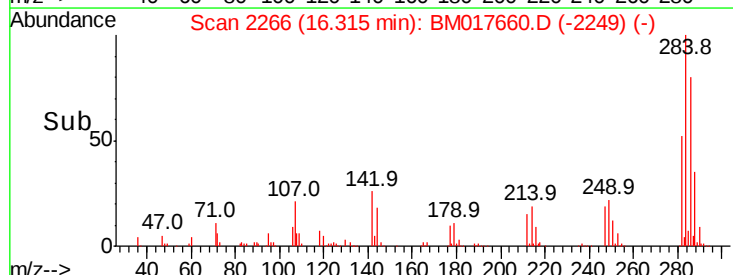
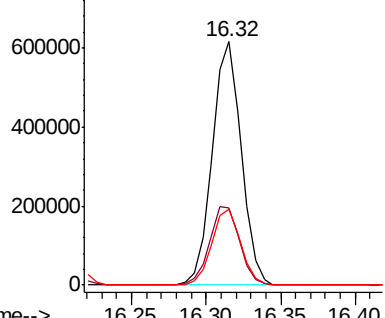


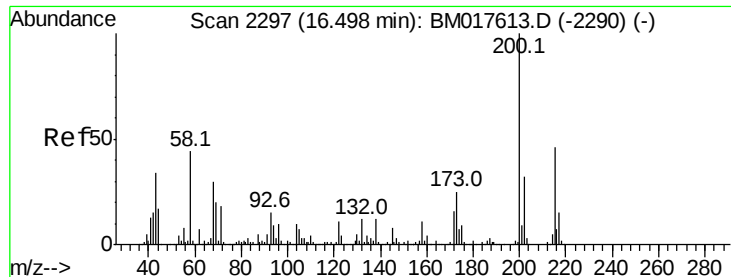
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





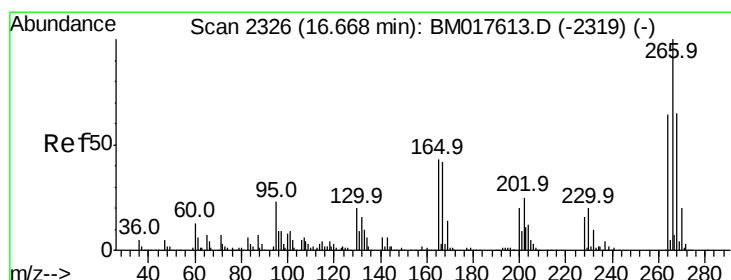
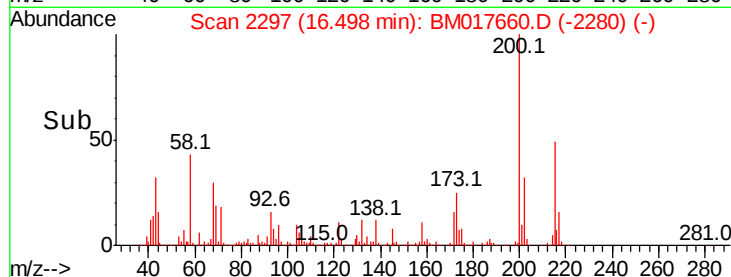
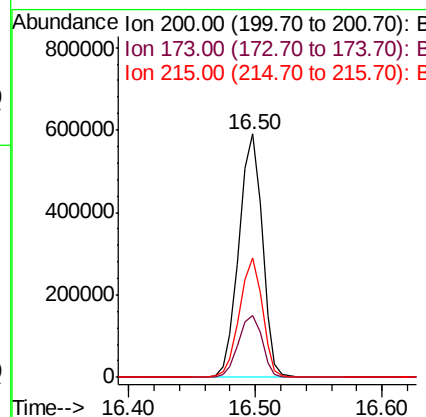
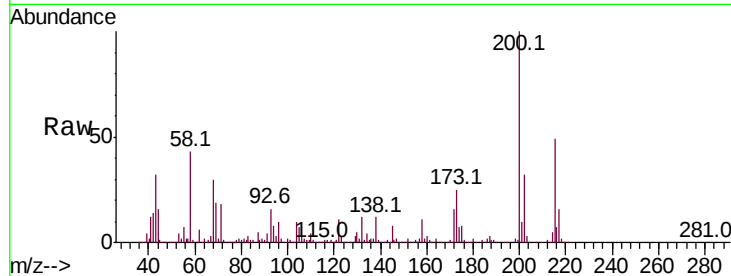
#69
Atrazine
Concen: 44.146 ng
RT: 16.50 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.1	45.1
215	49.1	25.8	65.8

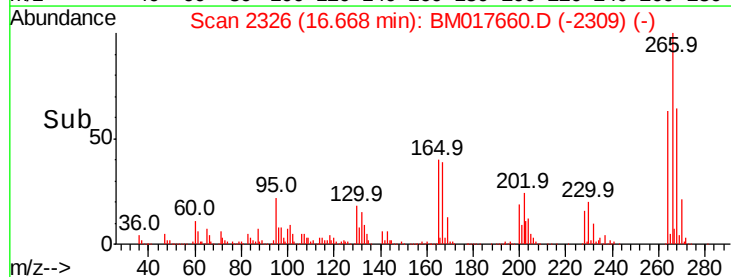
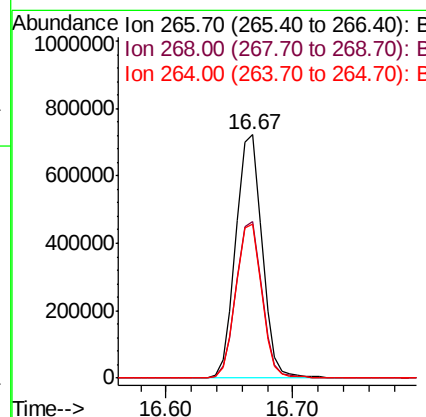
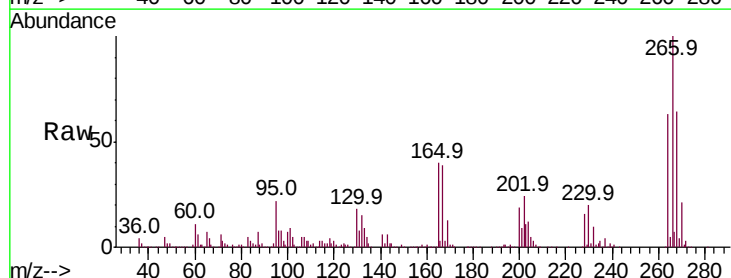
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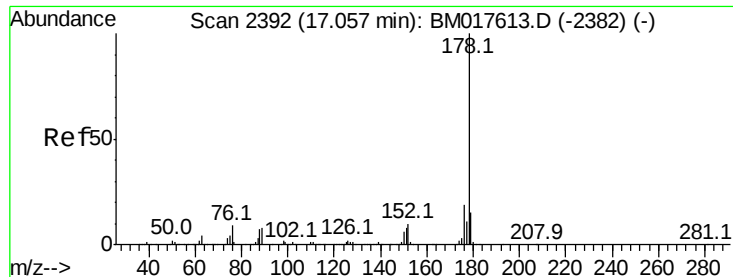
Sohil
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#70
Pentachlorophenol
Concen: 77.210 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.7	77.5
264	63.3	51.3	76.9





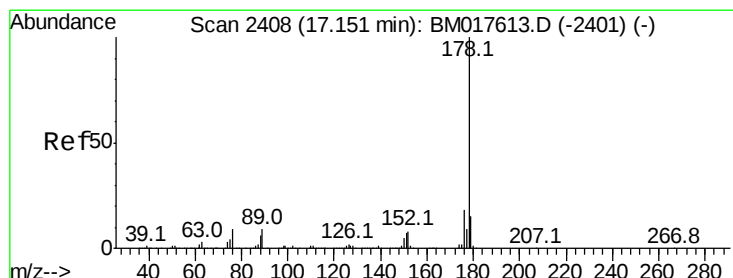
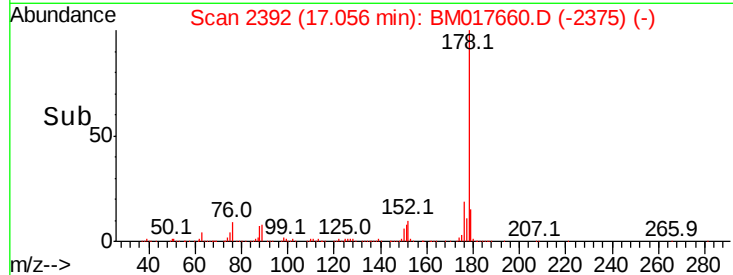
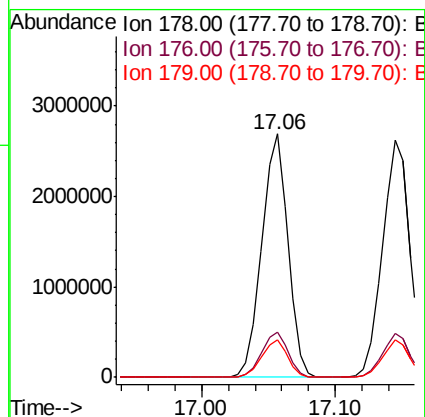
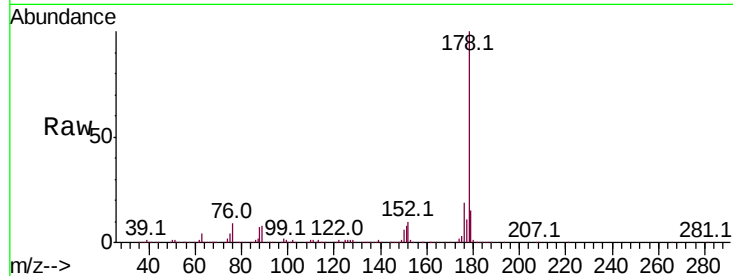
#71
Phenanthrene
Concen: 46.570 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.4	18.6

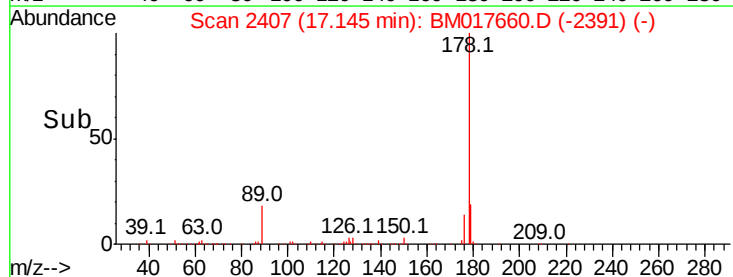
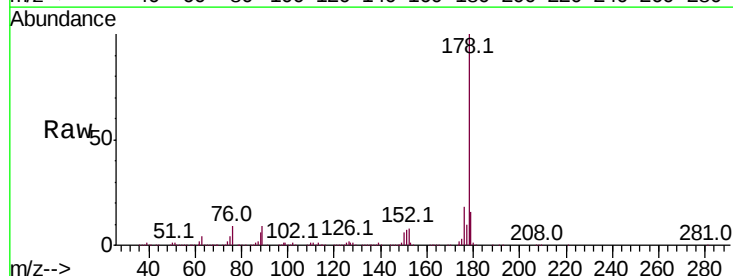
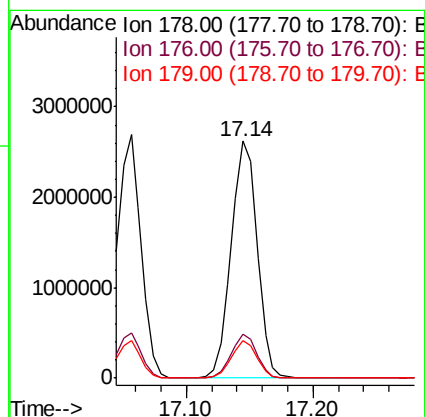
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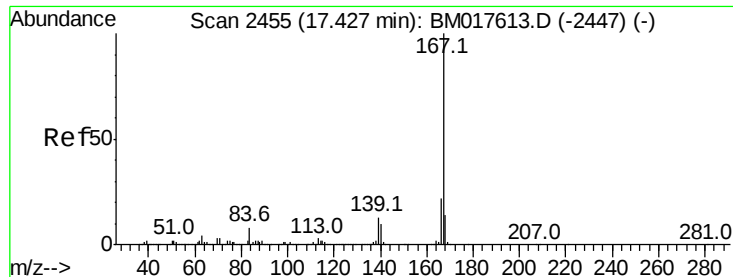
Sohil
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#72
Anthracene
Concen: 48.654 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.6	12.3	18.5





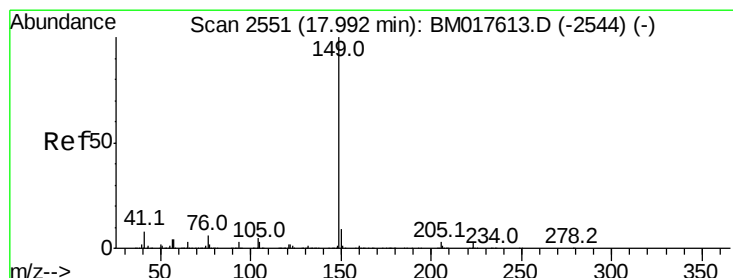
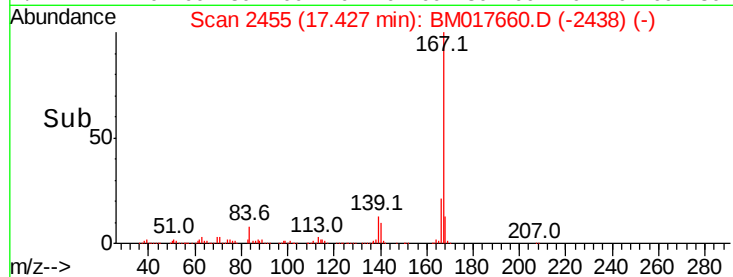
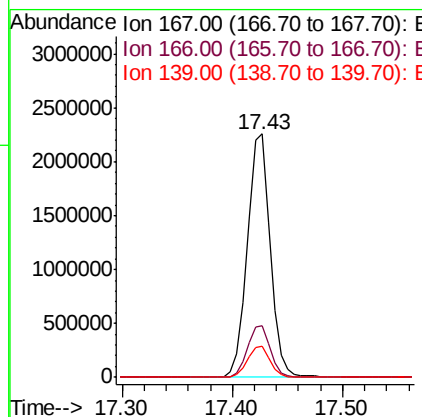
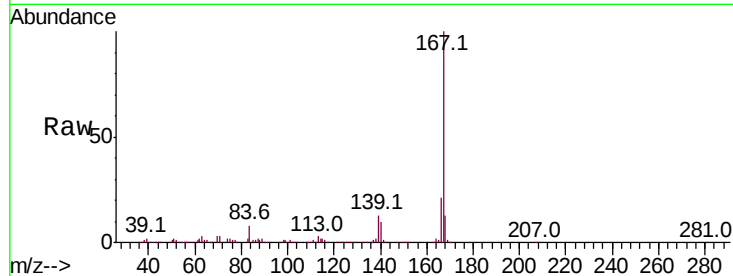
#73
 Carbazole
 Concen: 42.935 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.7	10.2	15.4

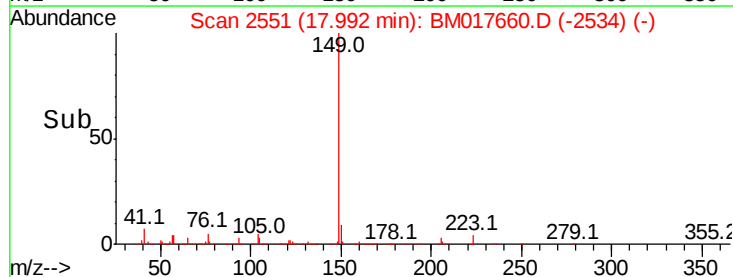
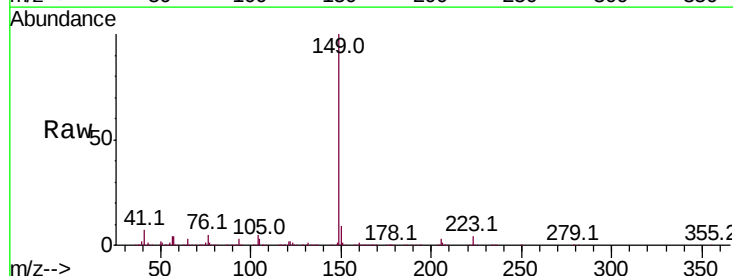
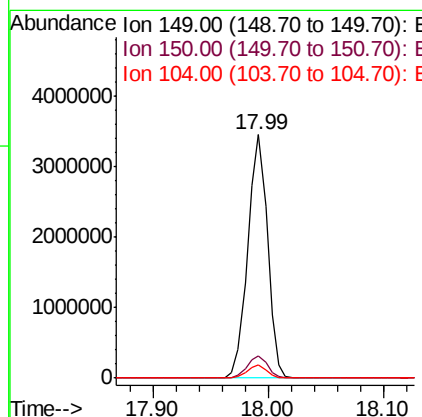
Manual Integrations
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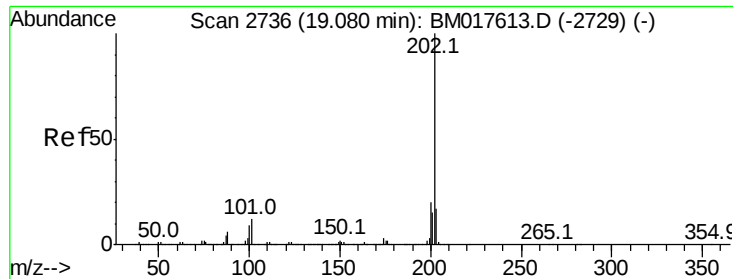
Sohil
 11/15/2018 4:20:30 PM



#74
 Di-n-butylphthalate
 Concen: 47.848 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.2	4.3	6.5





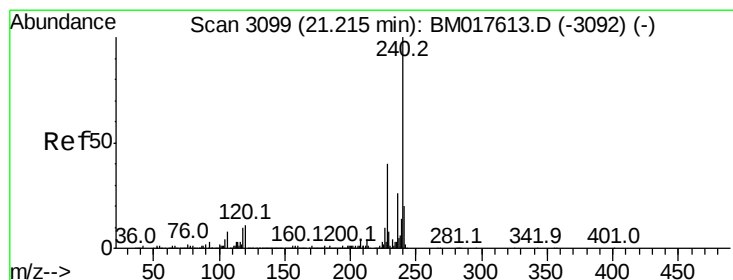
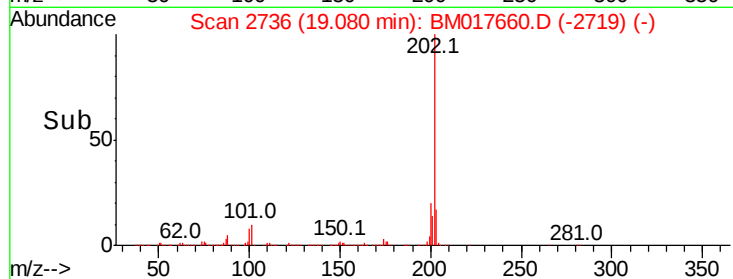
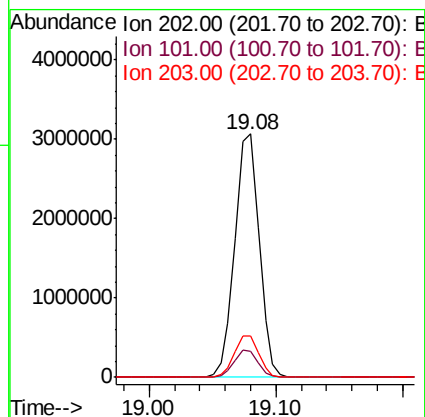
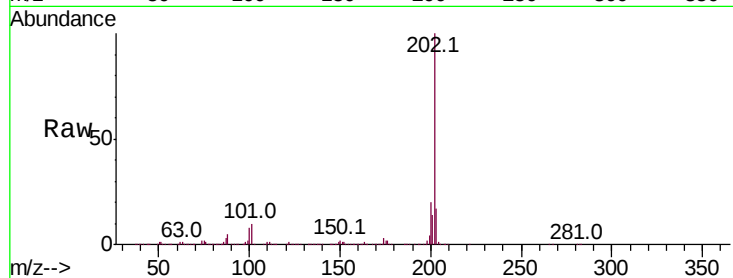
#75
 Fluoranthene
 Concen: 46.032 ng
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.5
203	16.9	0.0	37.2

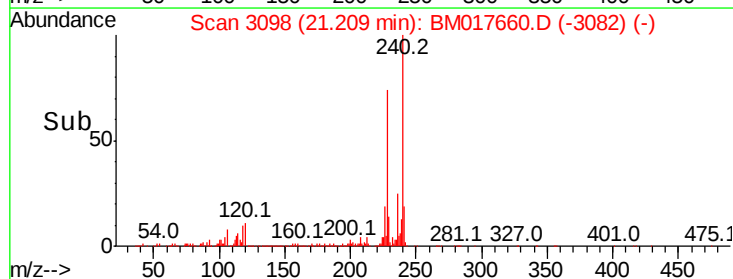
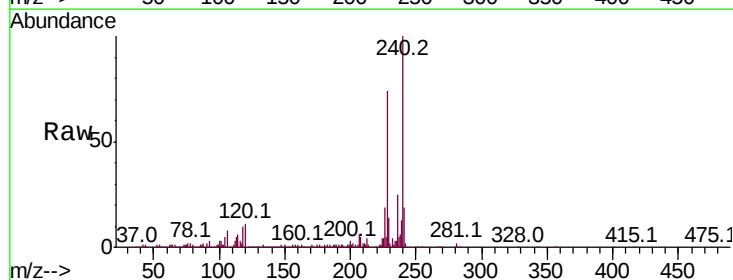
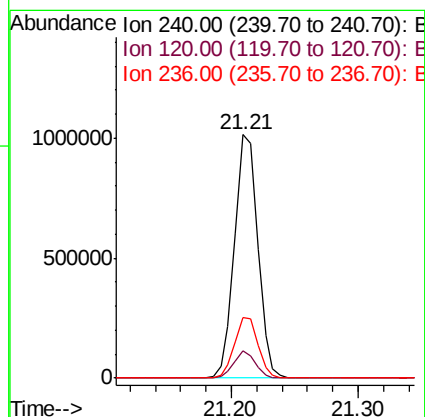
Manual Integrations
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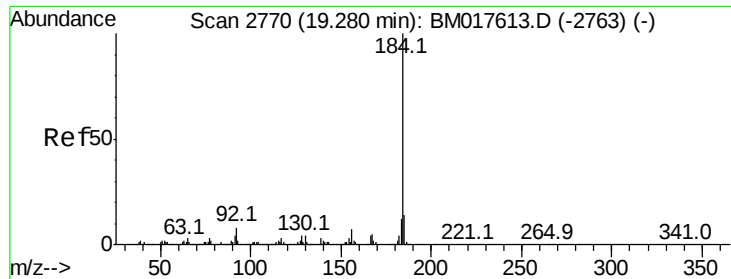
Sohil
 11/15/2018 4:20:30 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.5	12.7
236	24.8	20.4	30.6





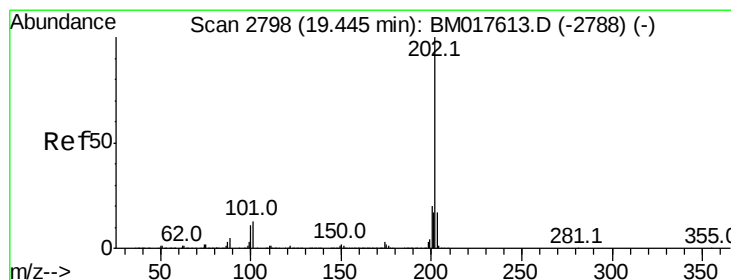
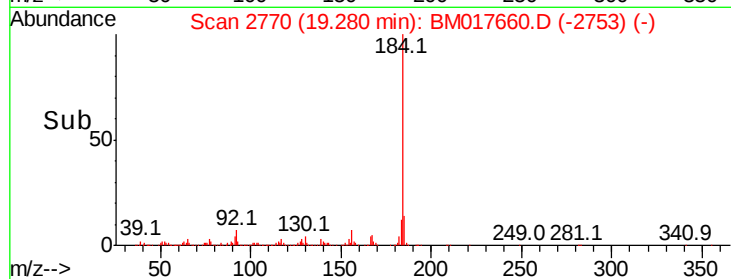
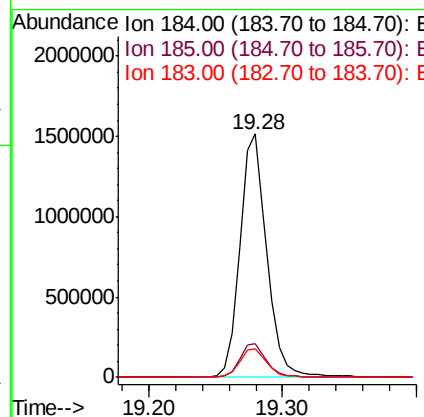
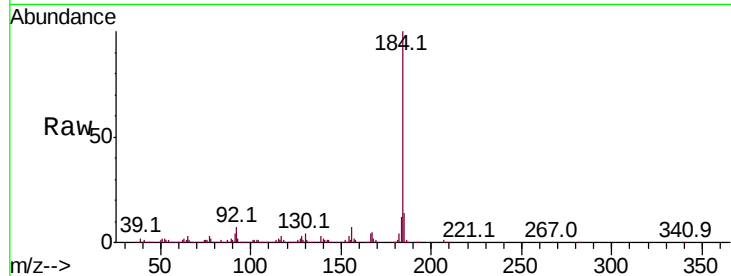
#77
Benzidine
Concen: 50.417 ng
RT: 19.28 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	11.6	9.5	14.3

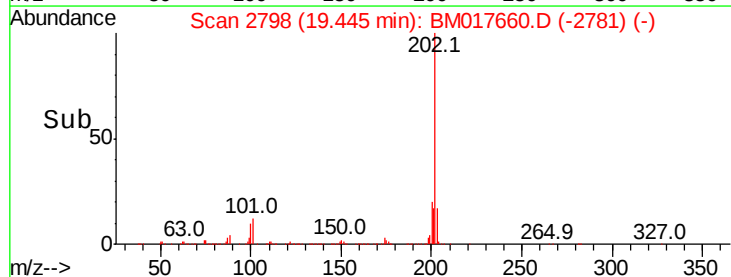
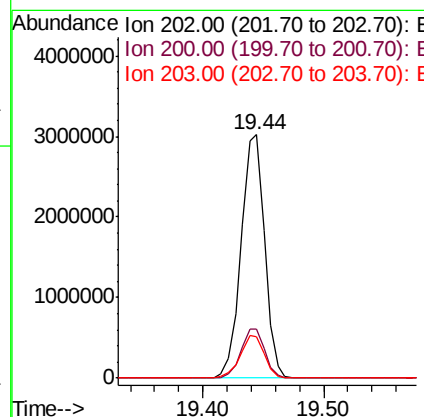
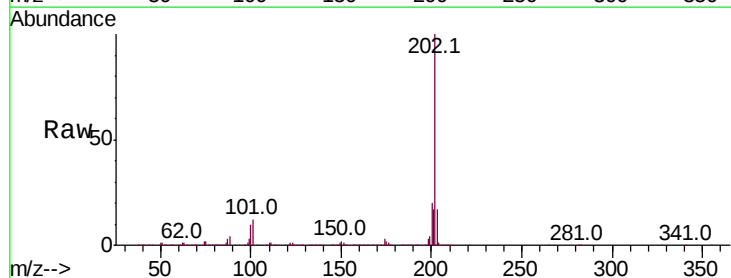
Manual Integrations
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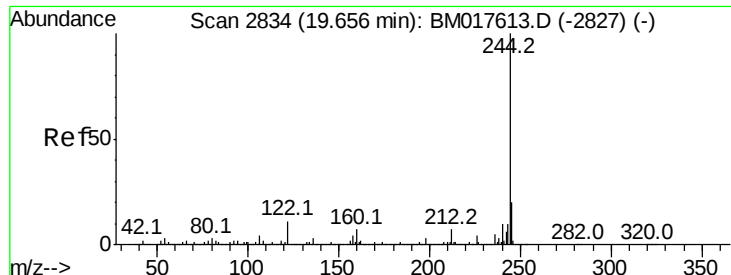
Sohil
11/15/2018 4:20:30 PM



#78
Pyrene
Concen: 52.138 ng
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.1	13.8	20.8





#79
 Terphenyl-d14
 Concen: 91.199 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

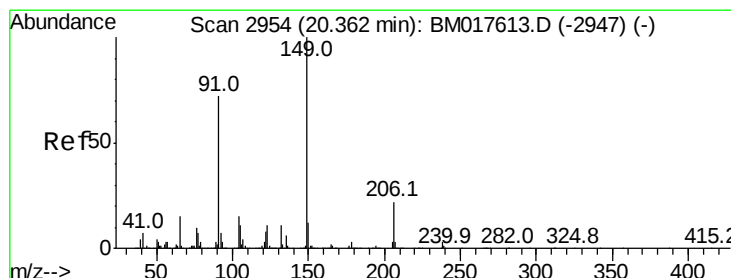
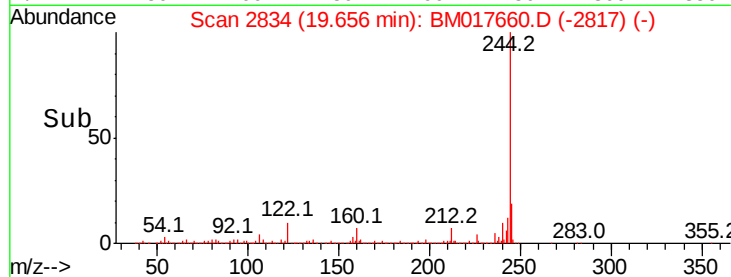
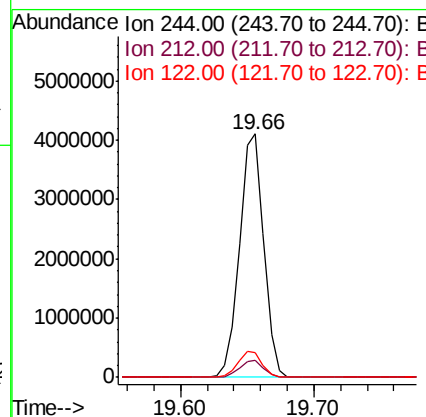
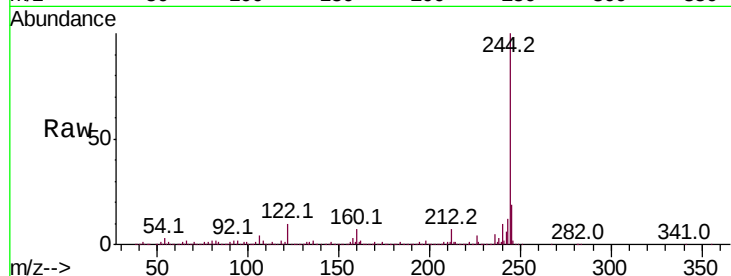
Instrument :
 BNA_M
 ClientSampleId :
 PB114805BS

Tot Ion:244 Resp: 5172735

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.0	9.0	13.6

Manual Integrations
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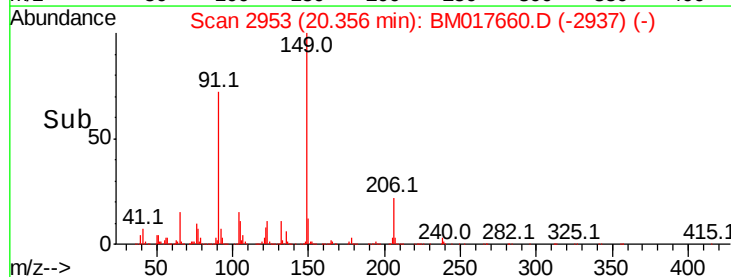
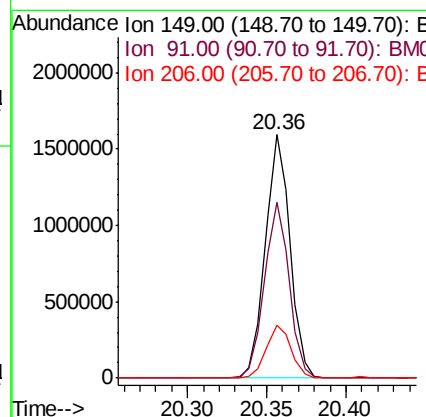
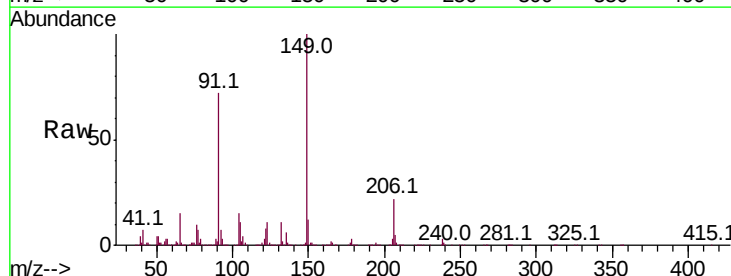
Sohil
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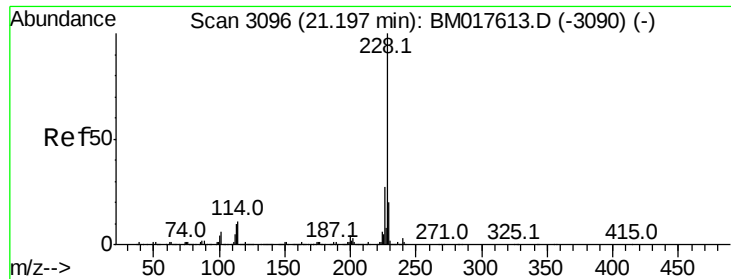


#80
 Butylbenzylphthalate
 Concen: 53.952 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017660.D
 Acq: 14 Nov 2018 22:51

Tgt Ion:149 Resp: 1738048

Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.6	86.4
206	21.5	17.4	26.0





#81

Benzo(a)anthracene

Concen: 47.697 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

ClientSampleId :

PB114805BS

Tot Ion:228 Resp: 3532393

Ion Ratio Lower Upper

228 100

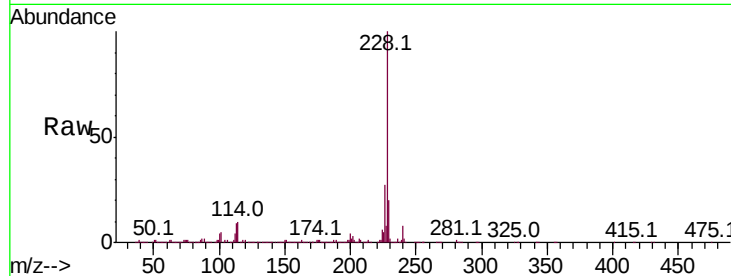
226 26.8 21.3 31.9

229 20.0 16.0 24.0

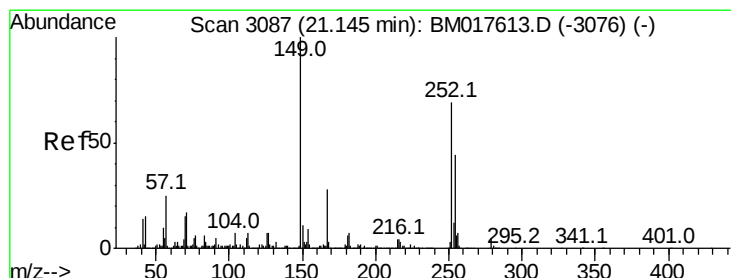
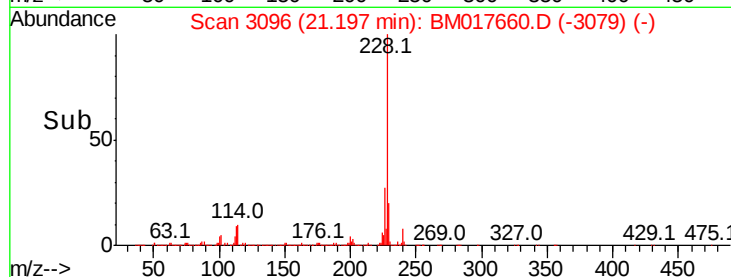
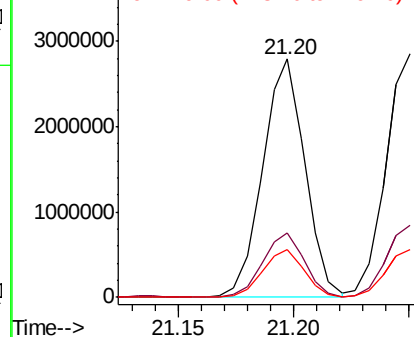
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.762 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

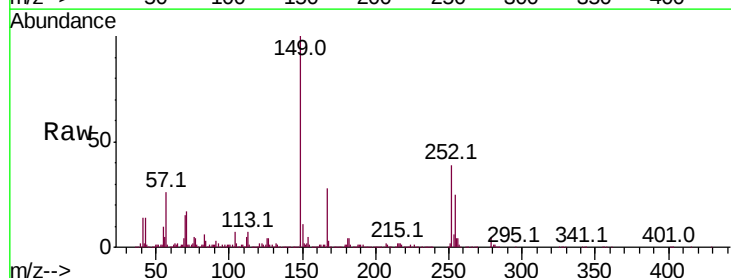
Tgt Ion:252 Resp: 1050777

Ion Ratio Lower Upper

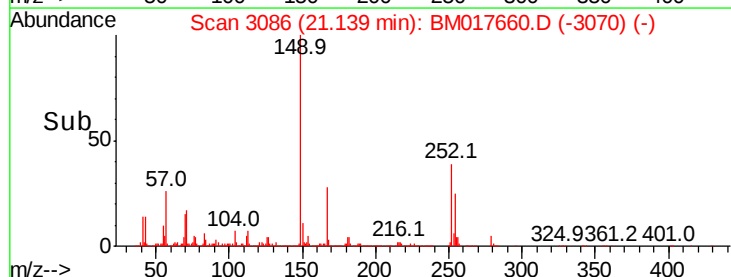
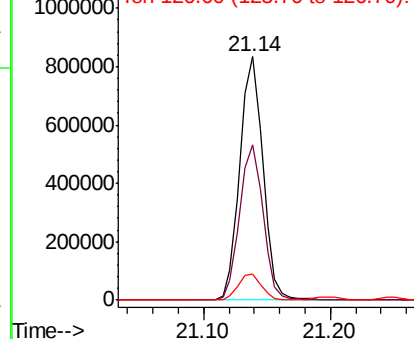
252 100

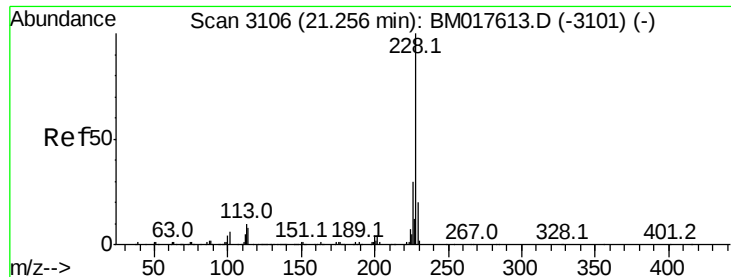
254 63.8 51.4 77.2

126 10.6 8.0 12.0



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





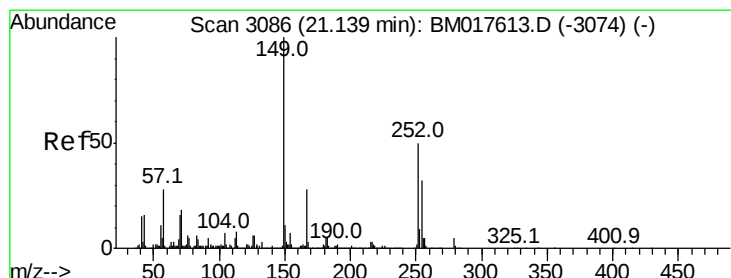
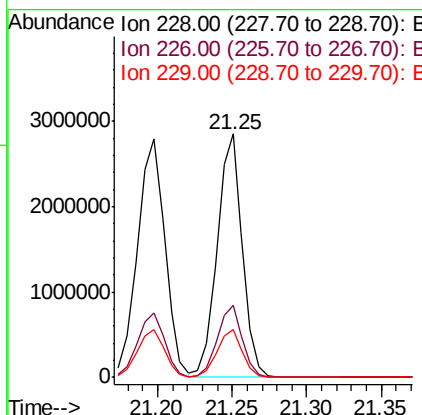
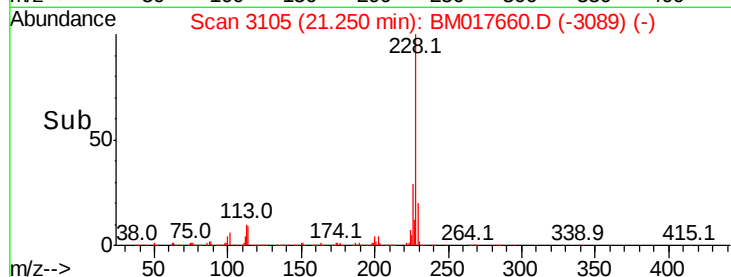
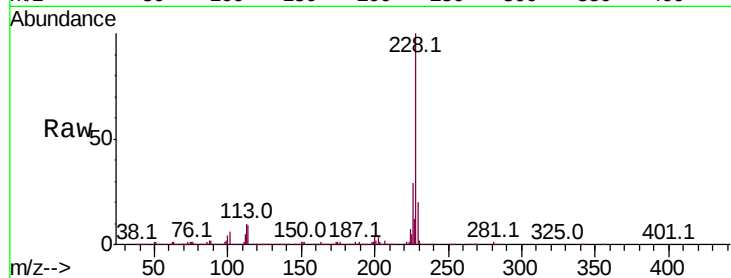
#83
Chrysene
Concen: 46.724 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	19.6	15.8	23.6

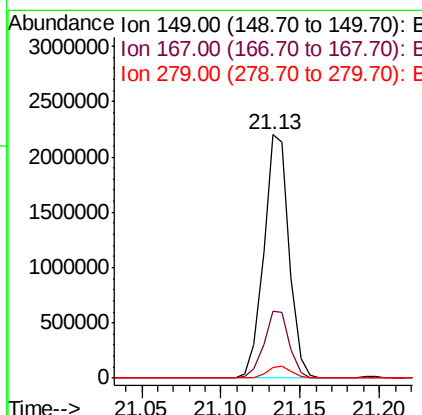
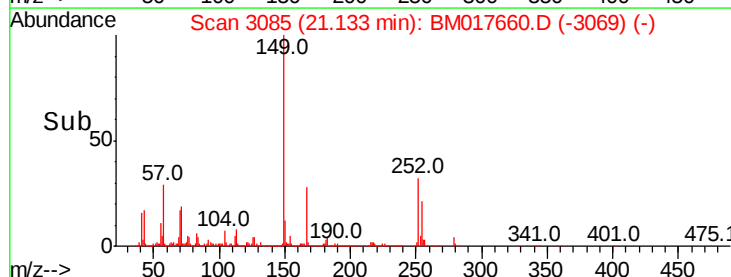
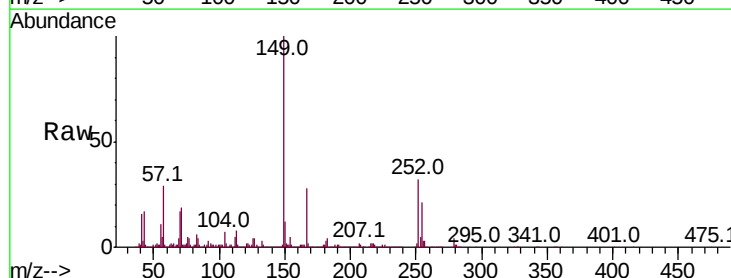
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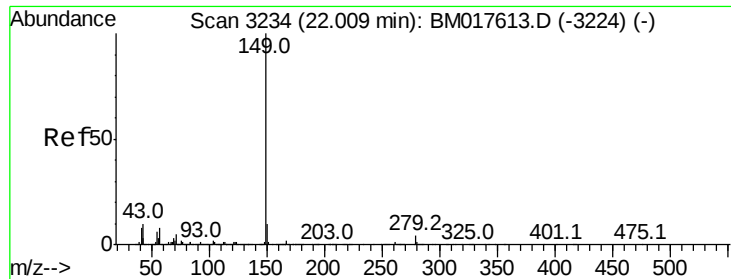
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.467 ng
RT: 21.13 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.2	3.7	5.5





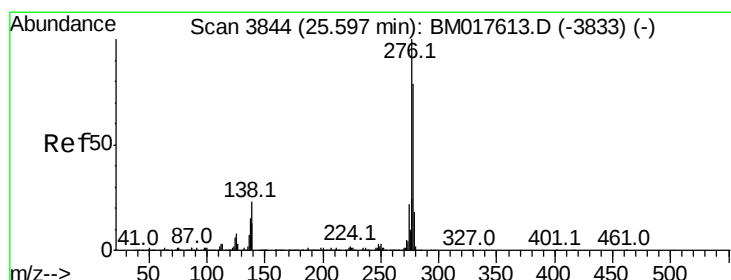
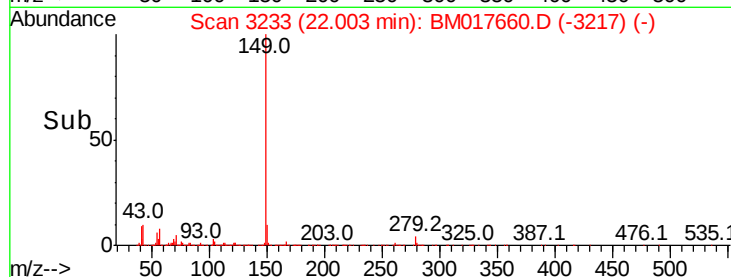
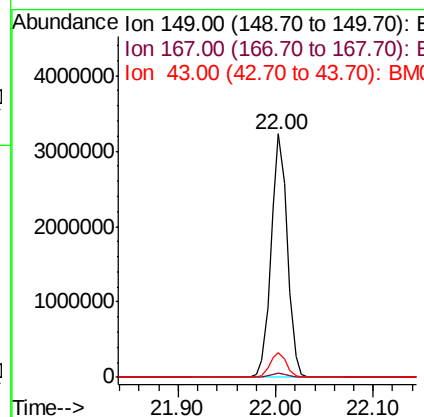
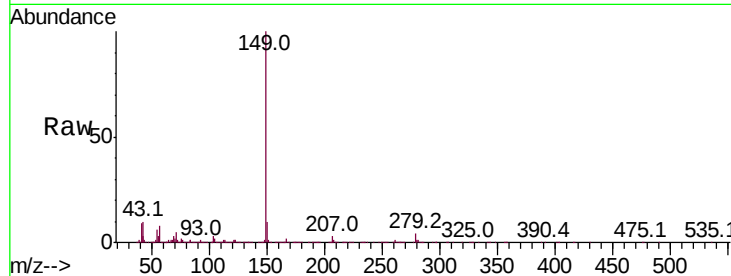
#85
Di-n-octyl phthalate
Concen: 49.498 ng
RT: 22.00 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.4	8.3	12.5

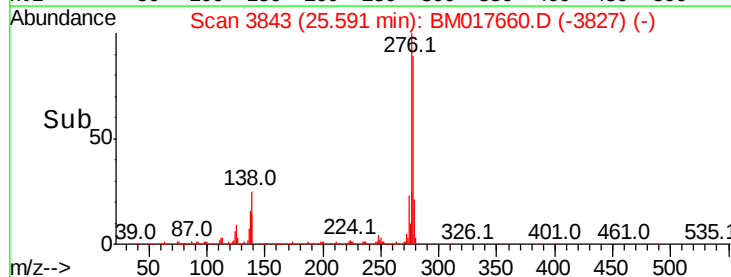
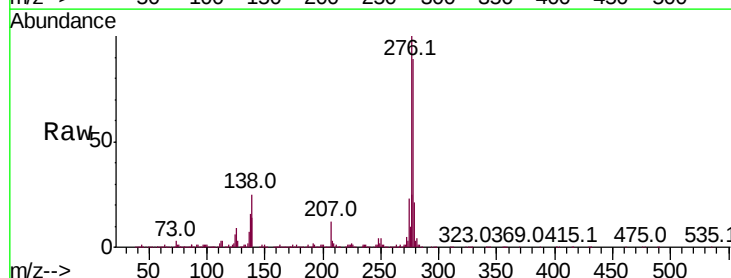
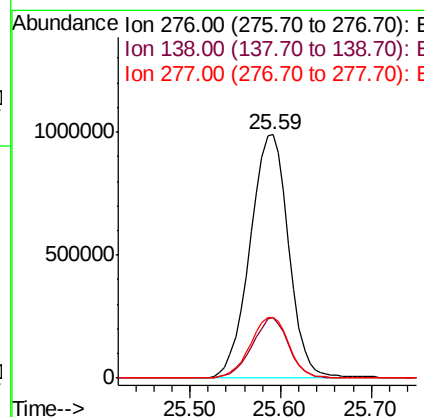
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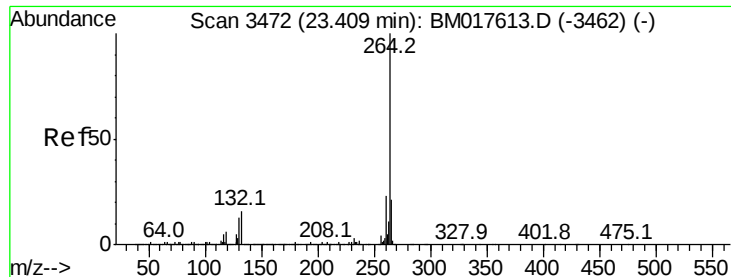
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.046 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.1	28.7
277	25.0	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Instrument :

BNA_M

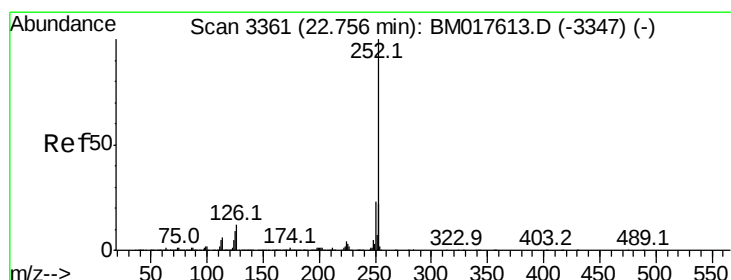
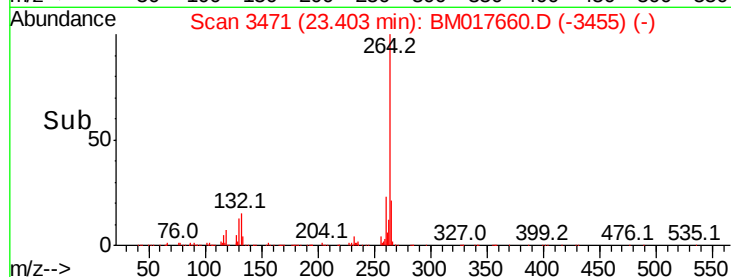
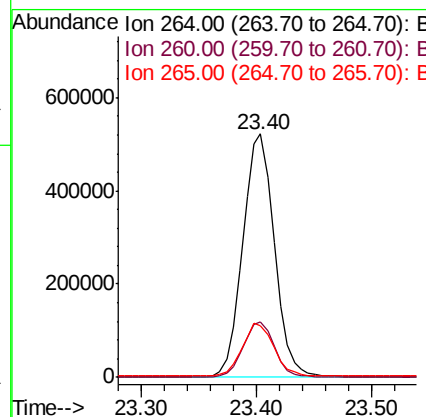
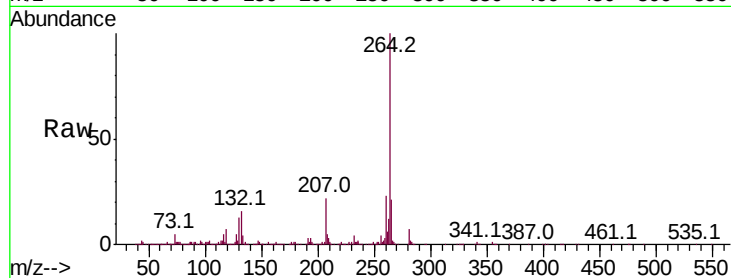
ClientSampleId :

PB114805BS

Tot Ion:	264	Resp:	996113
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.2
265	21.4	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 50.316 ng

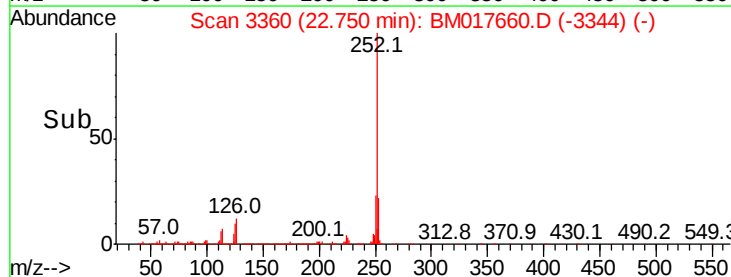
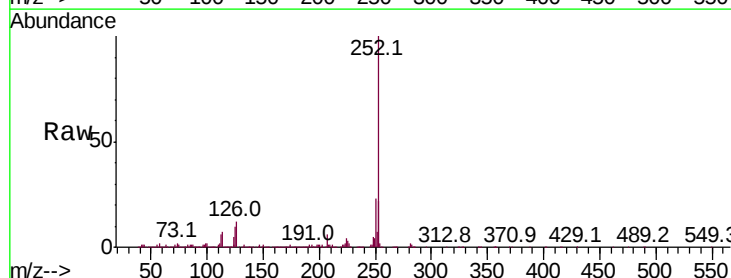
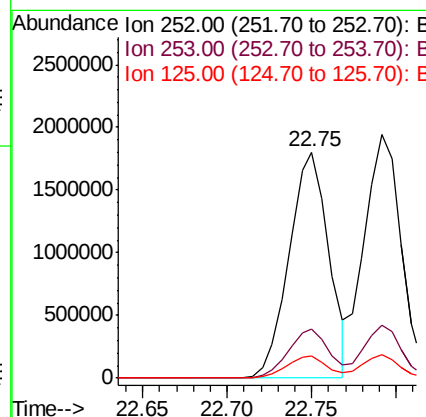
RT: 22.75 min Scan# 3360

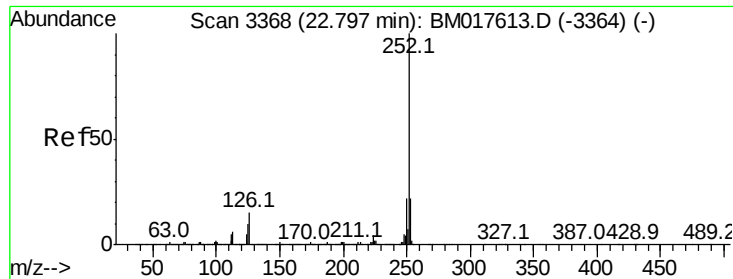
Delta R.T. -0.01 min

Lab File: BM017660.D

Acq: 14 Nov 2018 22:51

Tgt Ion:	252	Resp:	2935235
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.3	25.9
125	9.6	7.6	11.4





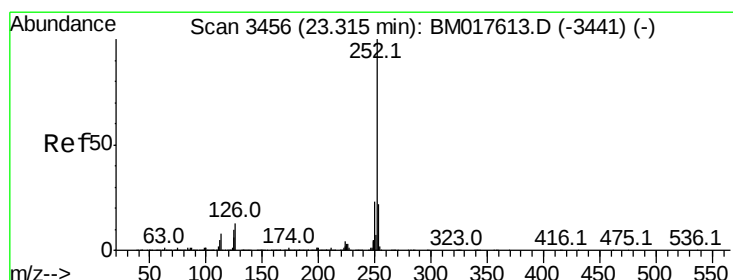
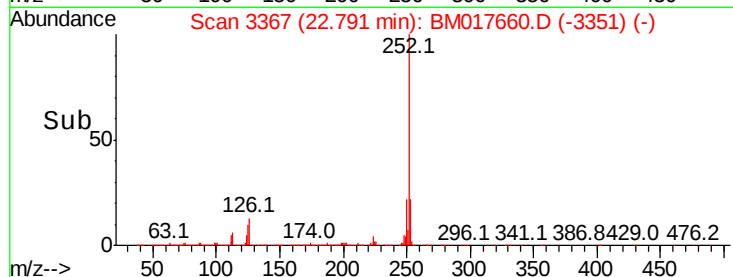
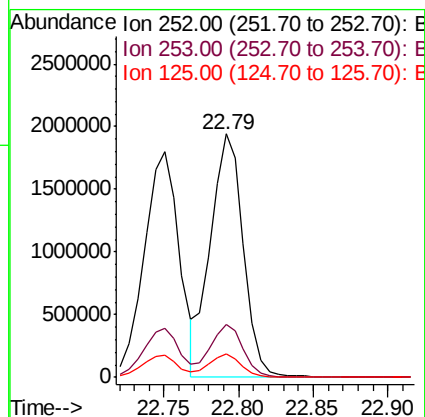
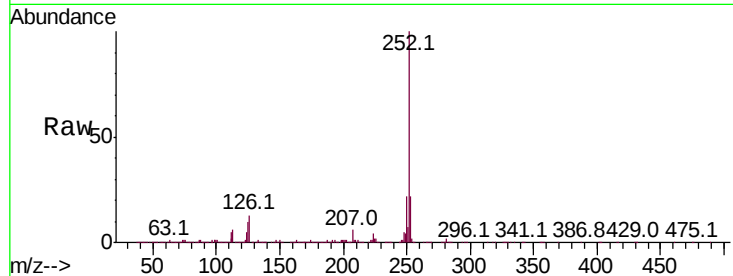
#89
Benzo(k)fluoranthene
Concen: 50.283 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.8	7.9	11.9

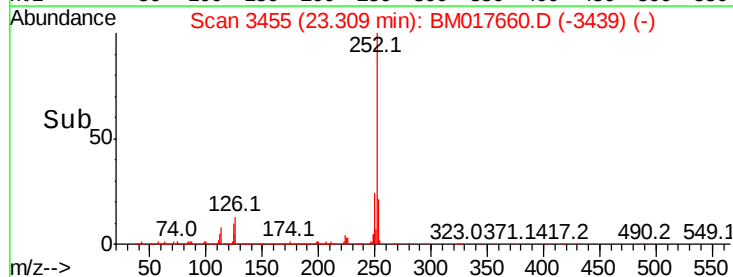
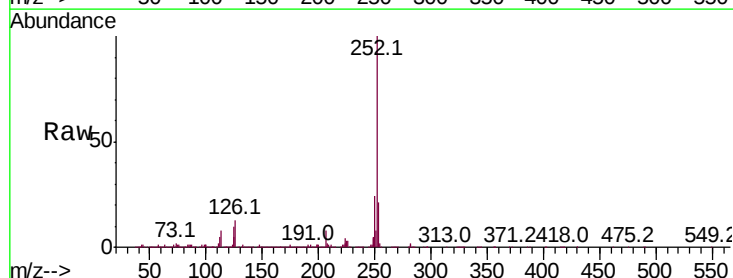
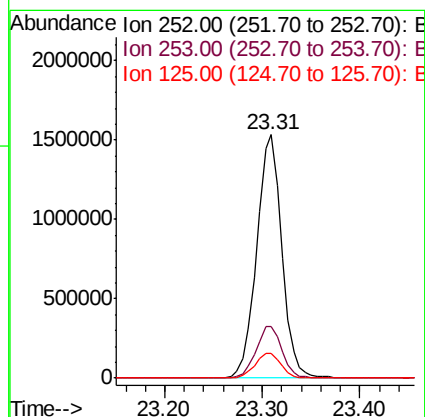
Manual Integrations
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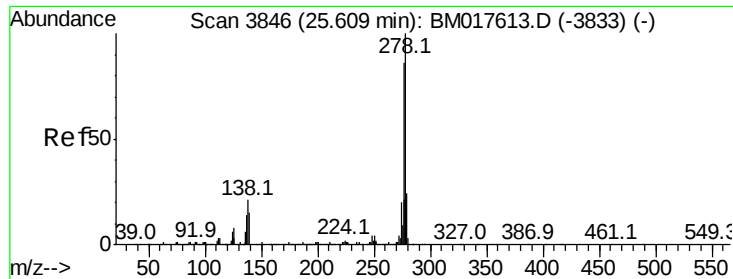
Sohil
11/15/2018 4:20:30 PM



#90
Benzo(a)pyrene
Concen: 51.724 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	10.4	8.2	12.2





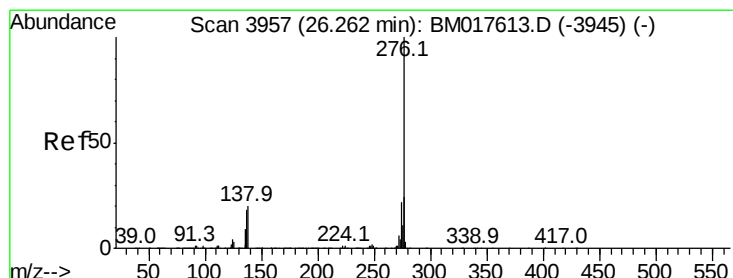
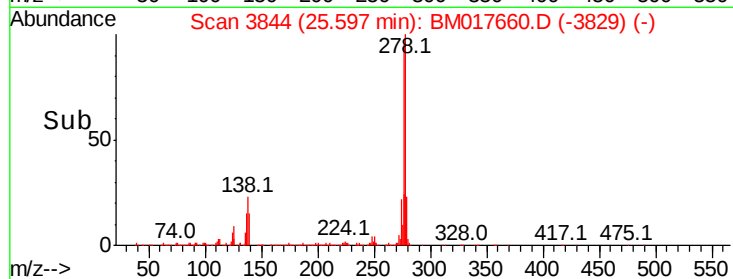
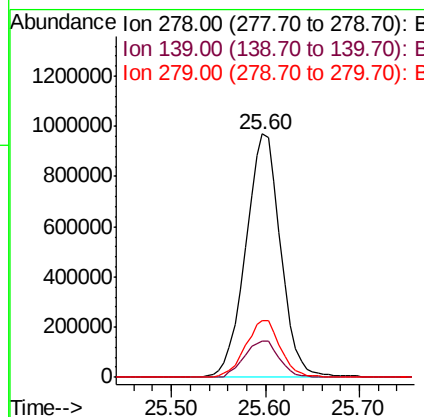
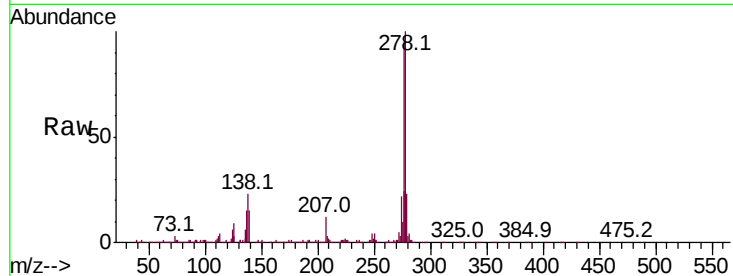
#91
Dibenzo(a,h)anthracene
Concen: 55.642 ng
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Instrument :
BNA_M
ClientSampleId :
PB114805BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	23.2	19.0	28.6

Manual Integrations
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11/15/2018 4:20:30 PM



#92
Benzo(g,h,i)perylene
Concen: 57.487 ng
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM017660.D
Acq: 14 Nov 2018 22:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	19.7	15.9	23.9

