

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018954.D
 Acq On : 27 Feb 2019 17:57
 Operator : JU/SJ
 Sample : K1627-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)MS

Manual Integrations
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Sohil
 2/28/2019 1:33:25 PM

Quant Time: Feb 28 03:45:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	281774	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1219206	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	715822	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1610074	20.00	ng	-0.02
76) Chrysene-d12	21.30	240	1785392	20.00	ng	-0.01
87) Perylene-d12	23.54	264	1546666	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2638609	153.43	ng	-0.02
7) Phenol-d6	6.87	99	3901383	161.04	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2506669	95.07	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1611369	156.16	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4670949	86.62	ng	-0.02
79) Terphenyl-d14	19.73	244	7129205	82.37	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.23	88	239660	31.996 ng	99
3) Pyridine	3.63	79	787781	38.558 ng	99
4) n-Nitrosodimethylamine	3.56	42	264826	50.951 ng	91
6) Aniline	7.03	93	1327891	44.734 ng	99
8) 2-Chlorophenol	7.26	128	968370	51.288 ng	97
9) Benzaldehyde	6.85	77	451139	32.342 ng	98
10) Phenol	6.90	94	1410322	55.325 ng	99
11) bis(2-Chloroethyl)ether	7.13	93	893940	45.972 ng	98
12) 1,3-Dichlorobenzene	7.57	146	926999	43.663 ng	99
13) 1,4-Dichlorobenzene	7.73	146	952163	44.053 ng	98
14) 1,2-Dichlorobenzene	8.04	146	936130	45.090 ng	99
15) Benzyl Alcohol	7.95	79	990276	51.442 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	898537	47.743 ng	98
17) 2-Methylphenol	8.14	107	863133	53.199 ng	97
18) Hexachloroethane	8.75	117	358963	45.496 ng	97
19) n-Nitroso-di-n-propylamine	8.50	70	893357	47.625 ng	98
20) 3+4-Methylphenols	8.47	107	1171129	52.274 ng	100
22) Acetophenone	8.52	105	1478485	44.158 ng	# 98
24) Nitrobenzene	8.90	77	1270585	46.423 ng	99
25) Isophorone	9.42	82	2271572	53.992 ng	99
26) 2-Nitrophenol	9.60	139	540819	49.618 ng	100
27) 2,4-Dimethylphenol	9.66	122	905639	56.888 ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1314691	48.323 ng	99
29) 2,4-Dichlorophenol	10.13	162	934515	51.124 ng	100
30) 1,2,4-Trichlorobenzene	10.34	180	958303	45.395 ng	99
31) Naphthalene	10.53	128	2948331	49.584 ng	99
32) Benzoic acid	9.76	122	76846	5.534 ng	97
33) 4-Chloroaniline	10.66	127	676353	25.446 ng	99
34) Hexachlorobutadiene	10.79	225	514993	42.029 ng	98
35) Caprolactam	11.48	113	314675m	42.181 ng	
36) 4-Chloro-3-methylphenol	11.79	107	1103796	50.084 ng	100
37) 2-Methylnaphthalene	12.15	142	2215329	52.916 ng	100
38) 1-Methylnaphthalene	12.37	142	2095510	51.187 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1039108	45.379 ng	99

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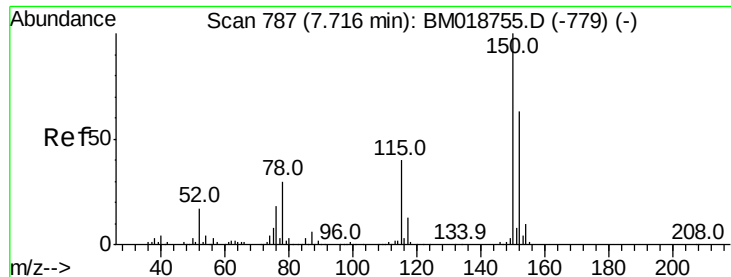
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Quant Time: Feb 28 03:45:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	989327	84.505	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	756089	49.878	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	810756	51.028	ng	98
46) 1,1'-Biphenyl	13.17	154	2803239	45.495	ng	99
47) 2-Chloronaphthalene	13.22	162	2198753	46.200	ng	99
48) 2-Nitroaniline	13.44	65	800247	50.629	ng	98
49) Acenaphthylene	14.07	152	3605891	50.884	ng	99
50) Dimethylphthalate	13.82	163	3009244	50.443	ng	100
51) 2,6-Dinitrotoluene	13.94	165	621500	48.093	ng	97
52) Acenaphthene	14.41	154	2075818	47.772	ng	100
53) 3-Nitroaniline	14.27	138	521800	35.736	ng	95
54) 2,4-Dinitrophenol	14.49	184	512078	63.713	ng	99
55) Dibenzofuran	14.74	168	3377200	47.286	ng	100
56) 4-Nitrophenol	14.59	139	1158146	99.360	ng	98
57) 2,4-Dinitrotoluene	14.73	165	900042	50.549	ng	97
58) Fluorene	15.40	166	2804700	51.331	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	729993	51.979	ng	100
60) Diethylphthalate	15.18	149	2864231	46.544	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1368677	44.677	ng	98
62) 4-Nitroaniline	15.45	138	662181	46.259	ng	99
63) Azobenzene	15.69	77	3164069	47.954	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	473100	41.851	ng	93
66) n-Nitrosodiphenylamine	15.62	169	2414715	47.470	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	830656	46.091	ng	97
68) Hexachlorobenzene	16.39	284	974538	46.522	ng	98
69) Atrazine	16.57	200	751538	45.827	ng	99
70) Pentachlorophenol	16.74	266	1288372	95.521	ng	99
71) Phenanthrene	17.14	178	4426393	51.156	ng	100
72) Anthracene	17.23	178	4507310	53.518	ng	99
73) Carbazole	17.51	167	4153832	47.208	ng	100
74) Di-n-butylphthalate	18.06	149	5114735	50.544	ng	100
75) Fluoranthene	19.16	202	5313173	53.158	ng	98
77) Benzidine	19.37	184	3145087	78.217	ng	100
78) Pyrene	19.53	202	5426971	52.337	ng	99
80) Butylbenzylphthalate	20.43	149	2641592	55.898	ng	97
81) Benzo(a)anthracene	21.28	228	5329875	51.212	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1864199	45.323	ng	99
83) Chrysene	21.33	228	4942074	49.543	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	3842930	55.561	ng	100
85) Di-n-octyl phthalate	22.08	149	6536687	56.230	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4811587	41.778	ng	100
88) Benzo(b)fluoranthene	22.87	252	4866513	54.995	ng	100
89) Benzo(k)fluoranthene	22.91	252	4666102	52.965	ng	100
90) Benzo(a)pyrene	23.45	252	4463801	53.249	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	4124106	49.656	ng	100
92) Benzo(g,h,i)perylene	26.54	276	3849986	49.793	ng	99

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



#1

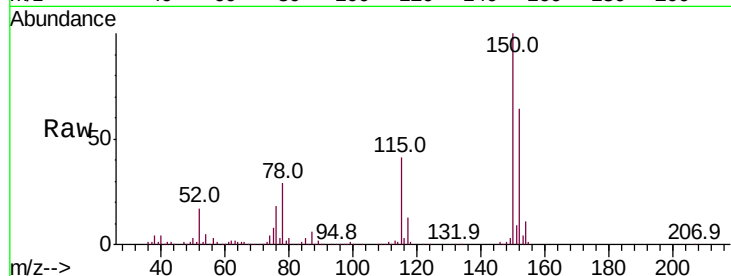
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.3	190.9
115	63.2	50.8	76.2

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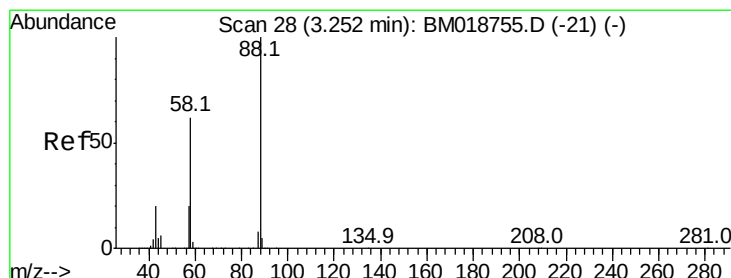
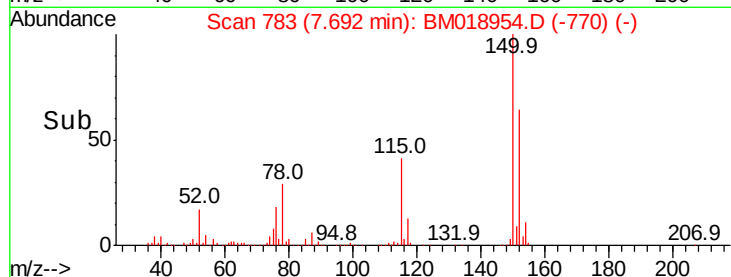
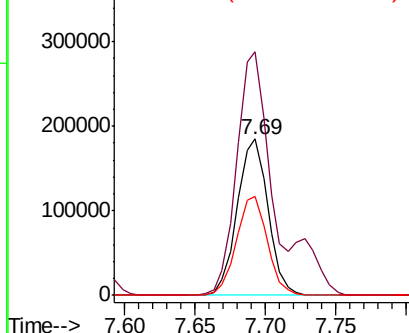


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

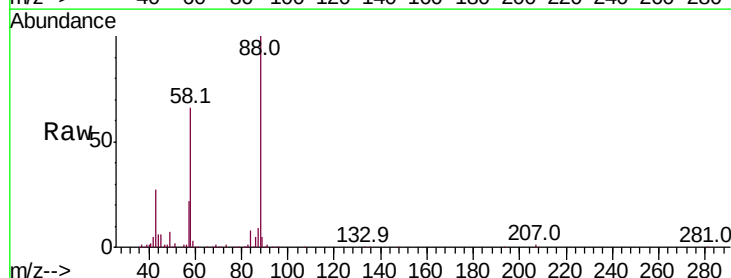
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.996 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	49.8	74.6
43	20.3	16.7	25.1

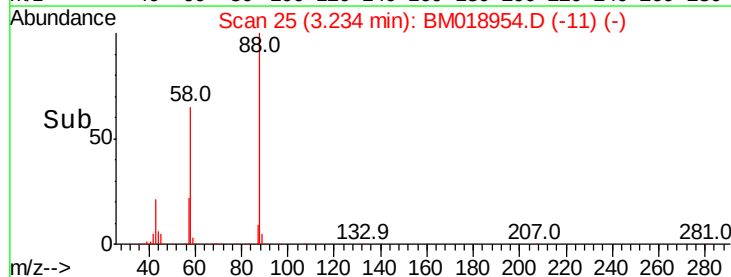
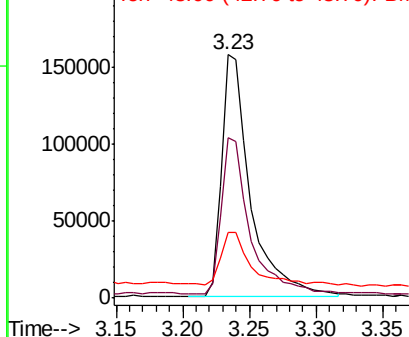


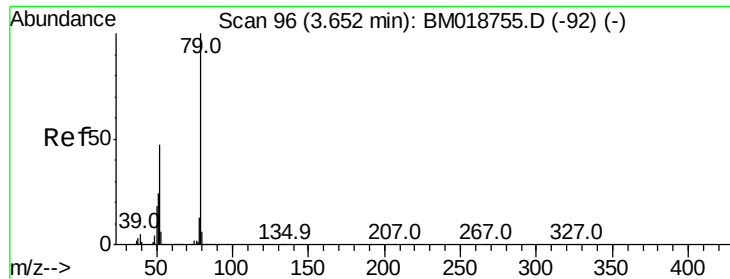
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 38.558 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

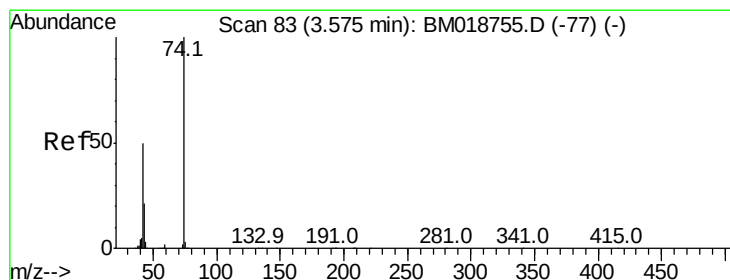
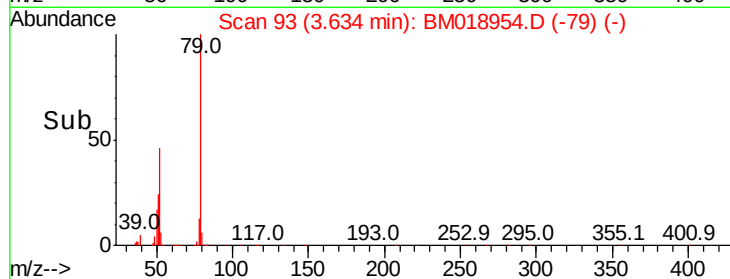
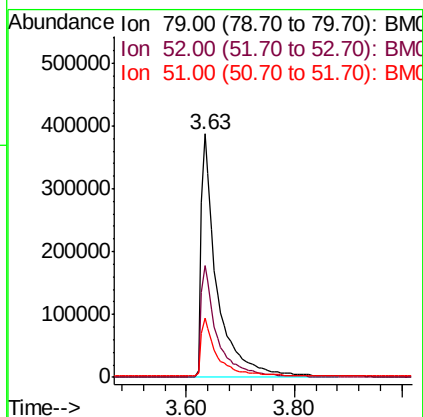
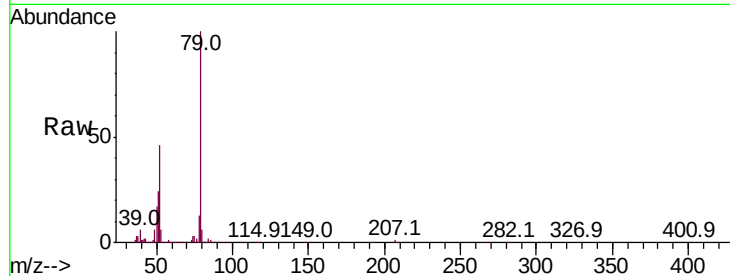
ClientSampled :

SB-02-(5-10)MS

Tot Ion:	79	Resp:	787781
Ion Ratio	Lower	Upper	
79	100		
52	46.1	37.6	56.4
51	24.2	19.7	29.5

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#4

n-Nitrosodimethylamine

Concen: 50.951 ng

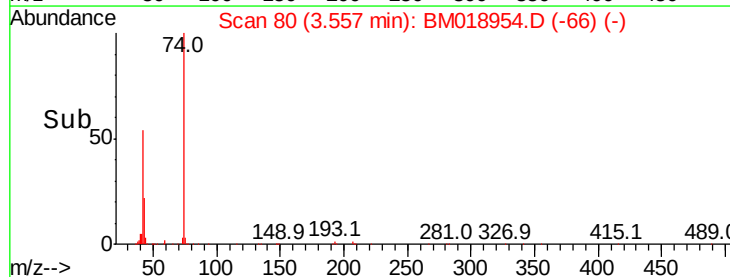
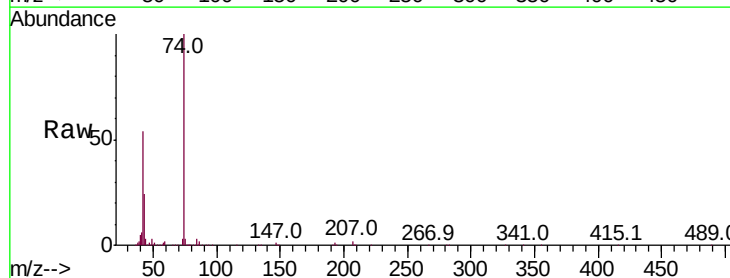
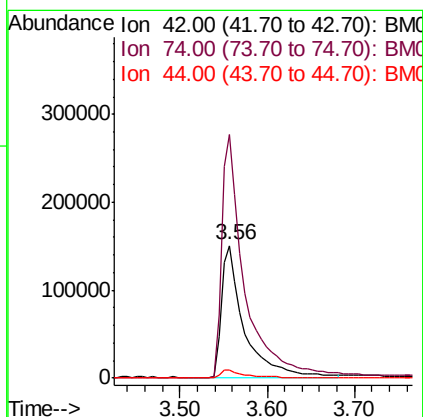
RT: 3.56 min Scan# 80

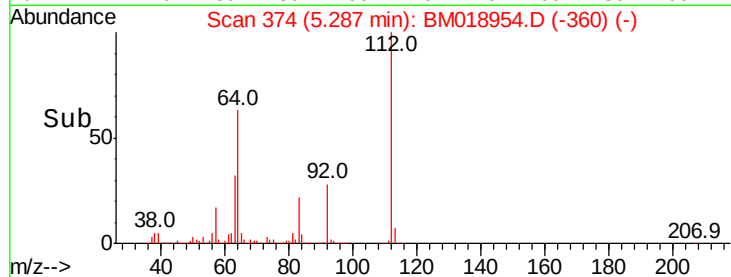
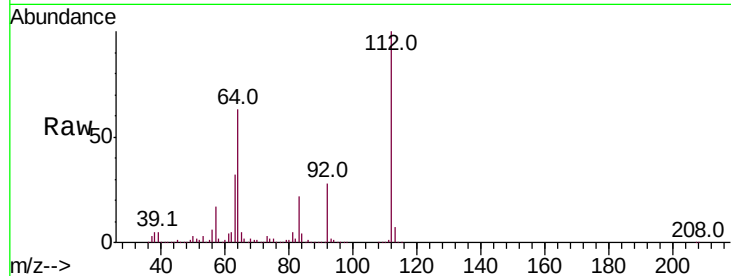
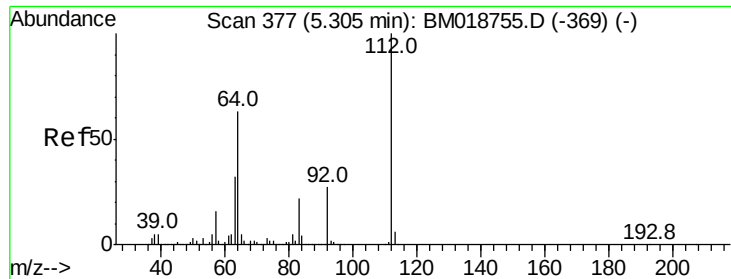
Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	42	Resp:	264826
Ion Ratio	Lower	Upper	
42	100		
74	183.8	158.1	237.1
44	5.6	4.9	7.3





#5

2-Fluorophenol

Concen: 153.431 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tot Ion:	112	Resp:	2638609
Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	75.8
63	32.2	25.7	38.5

Instrument :

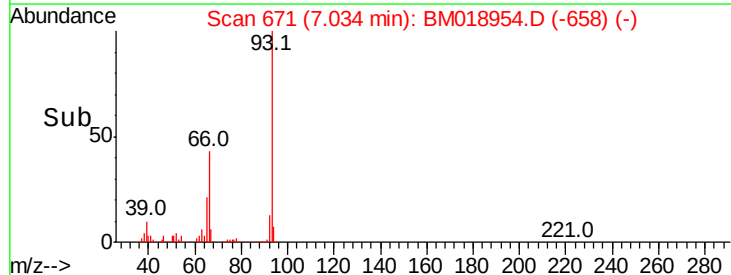
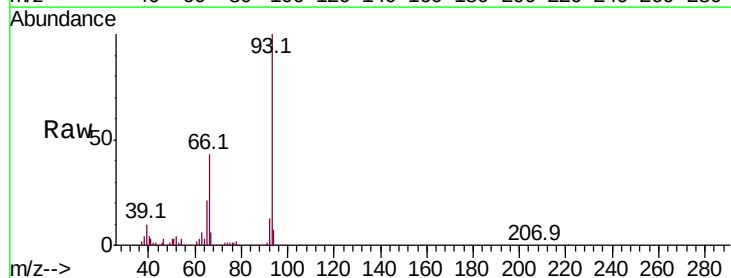
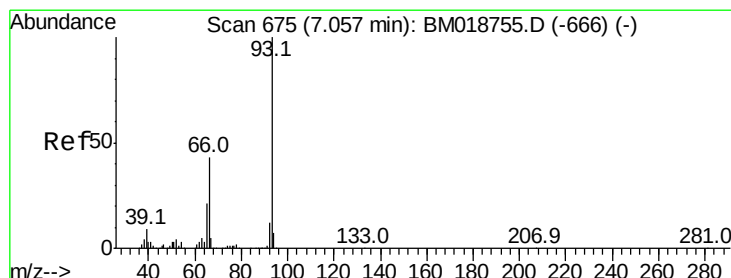
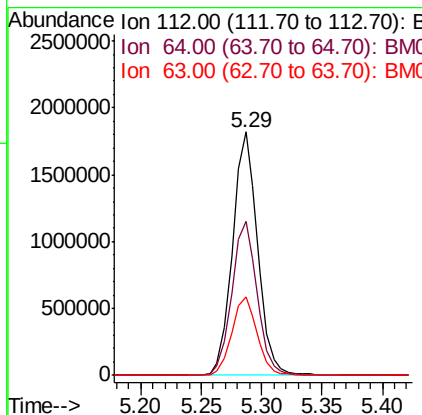
BNA_M

ClientSampleId :

SB-02-(5-10)MS

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#6

Aniline

Concen: 44.734 ng

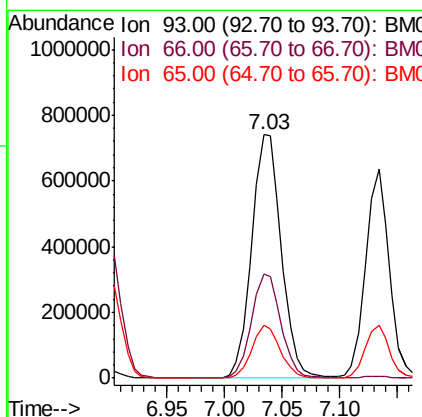
RT: 7.03 min Scan# 671

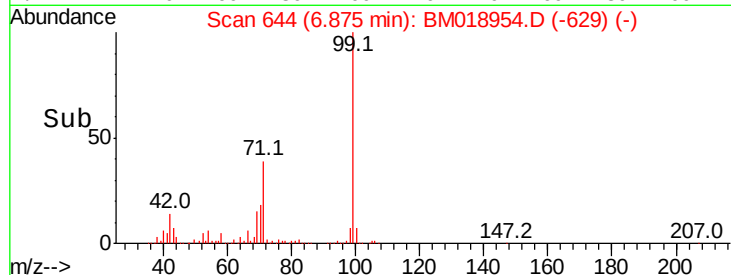
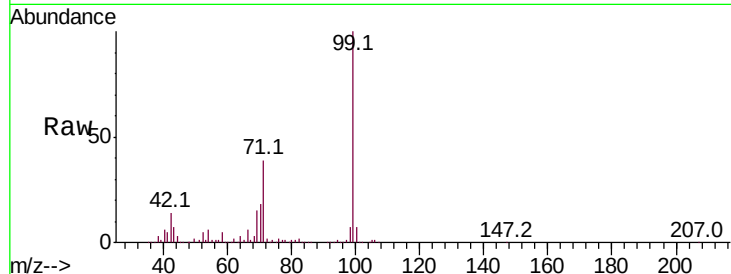
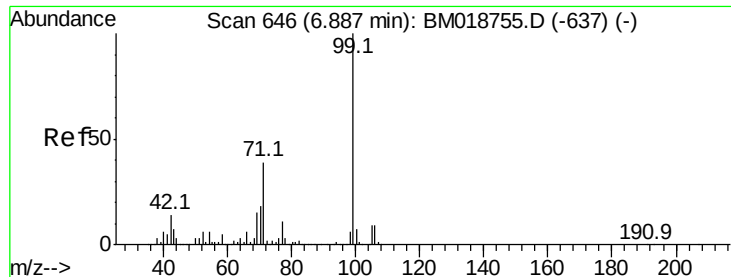
Delta R.T. -0.02 min

Lab File: BM018954.D

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Tgt Ion:	93	Resp:	1327891
Ion	Ratio	Lower	Upper
93	100		
66	42.7	34.1	51.1
65	21.5	16.6	24.8





#7

Phenol-d6

Concen: 161.036 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tot Ion: 99 Resp: 3901383

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

71 38.7 31.3 46.9

Instrument :

BNA_M

ClientSampleId :

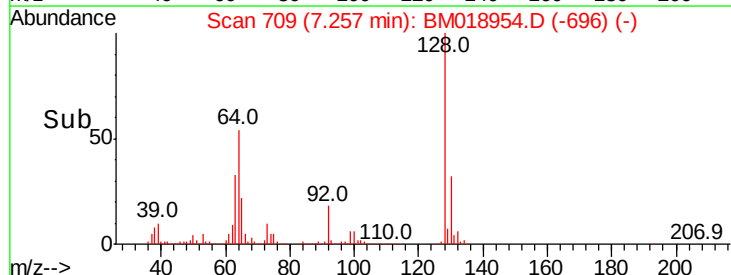
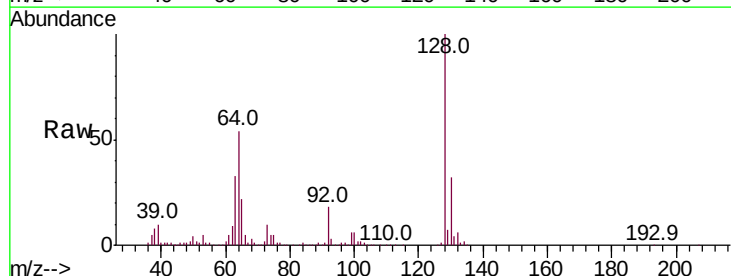
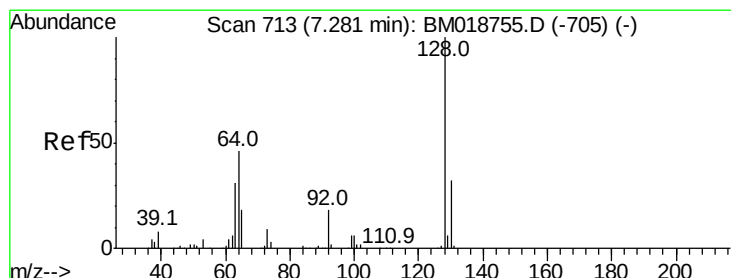
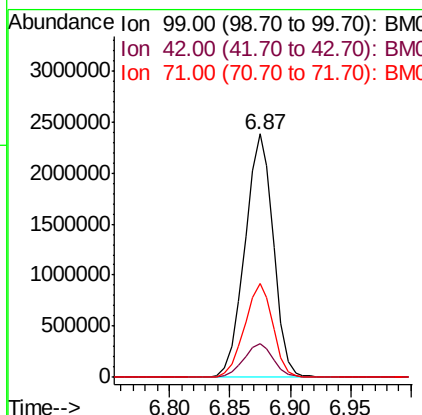
SB-02-(5-10)MS

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#8

2-Chlorophenol

Concen: 51.288 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

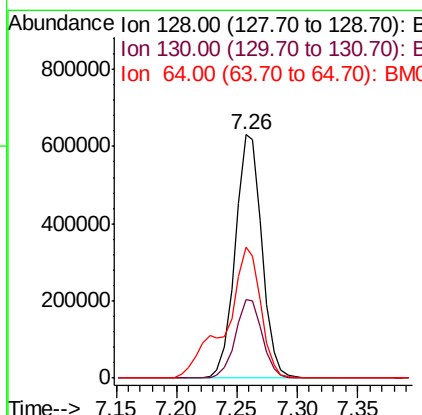
Tgt Ion:128 Resp: 968370

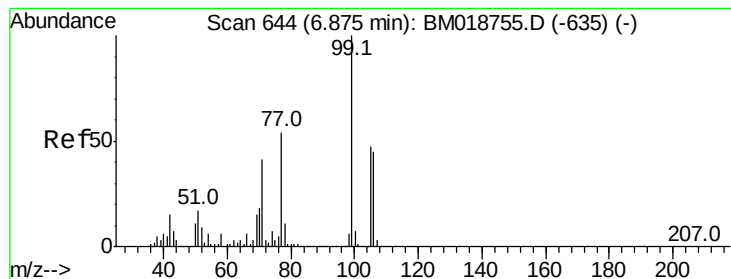
Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

64 53.7 31.0 71.0





#9

Benzaldehyde

Concen: 32.342 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

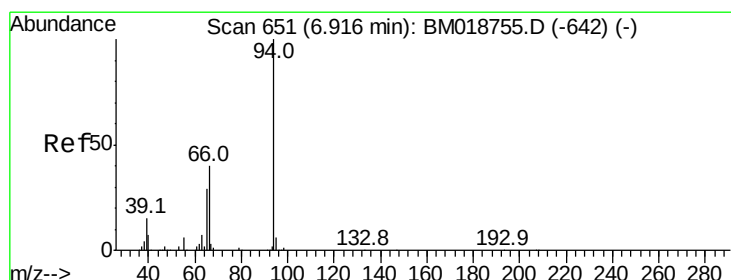
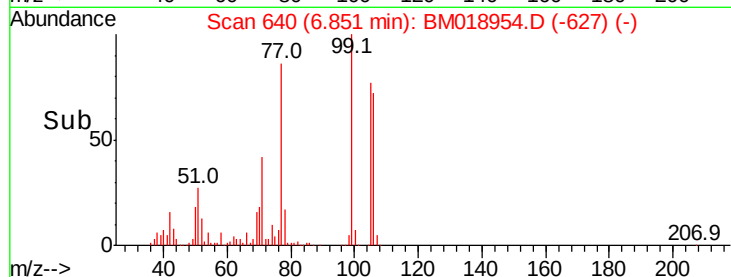
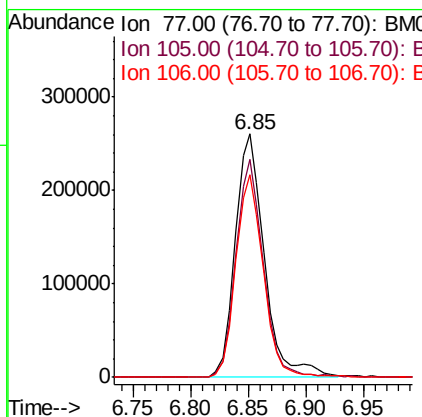
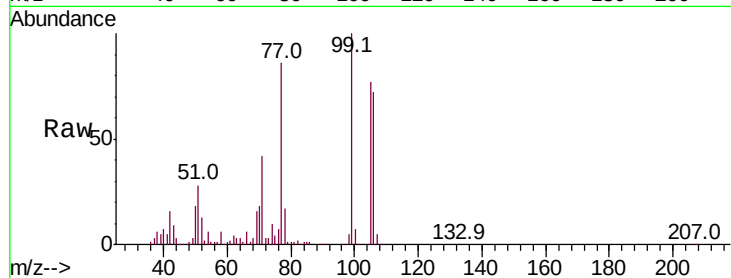
ClientSampleId :

SB-02-(5-10)MS

Tot Ion:	77	Resp:	451139
Ion Ratio	Lower	Upper	
77	100		
105	89.7	67.3	107.3
106	83.5	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 55.325 ng

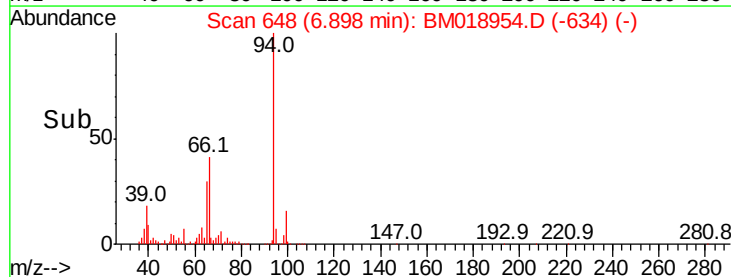
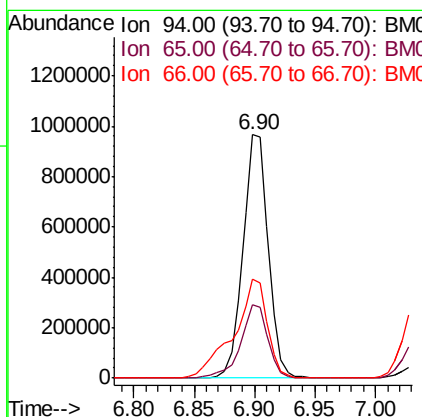
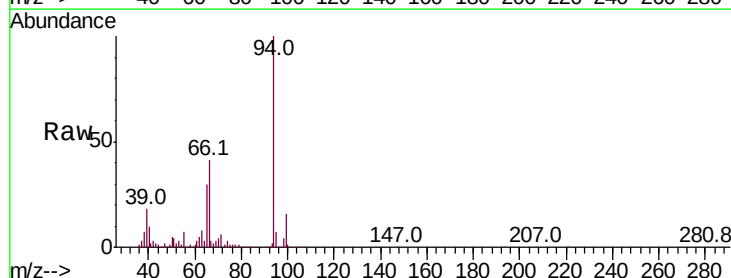
RT: 6.90 min Scan# 648

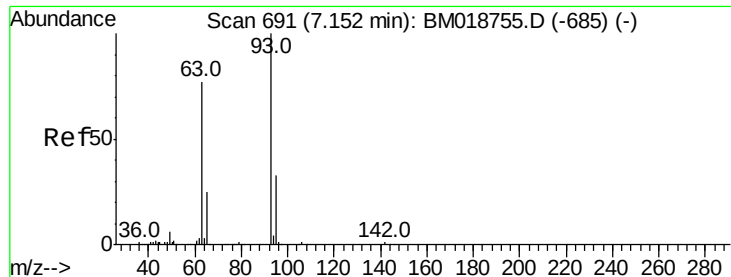
Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	94	Resp:	1410322
Ion Ratio	Lower	Upper	
94	100		
65	30.1	9.6	49.6
66	40.8	20.4	60.4





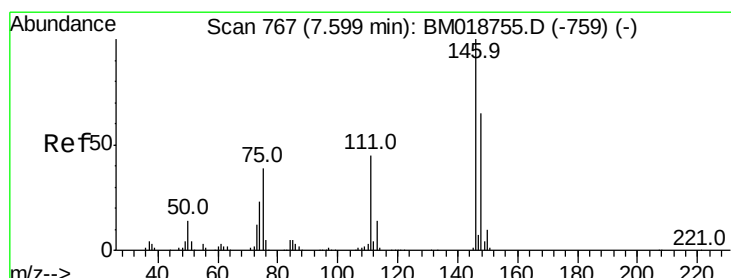
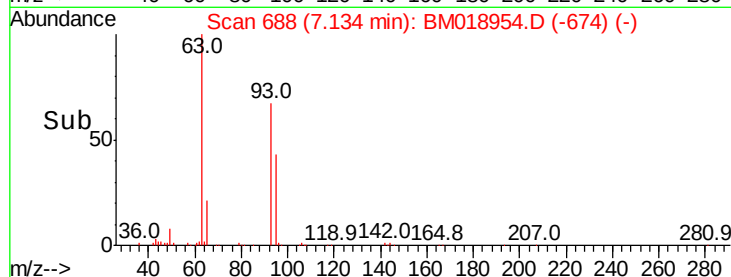
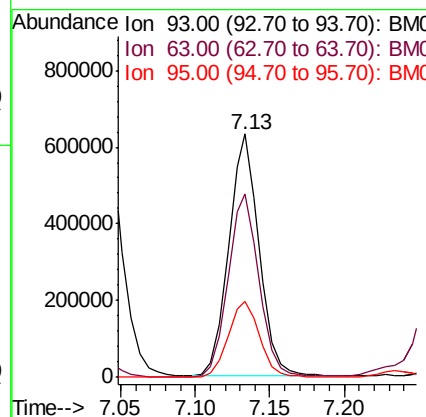
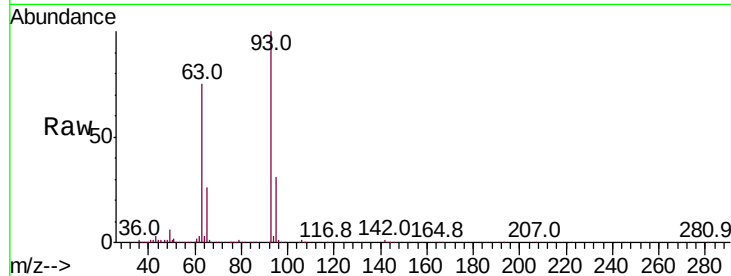
#11
bis(2-Chloroethyl)ether
Concen: 45.972 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.1	57.0	97.0
95	31.2	12.4	52.4

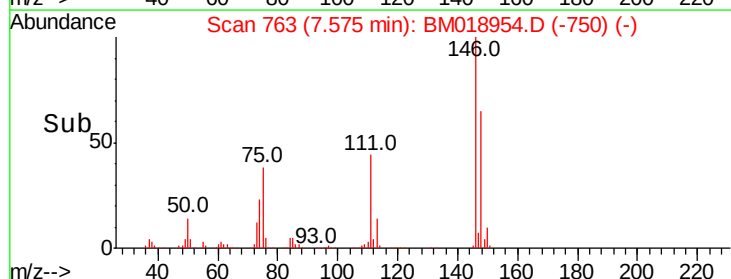
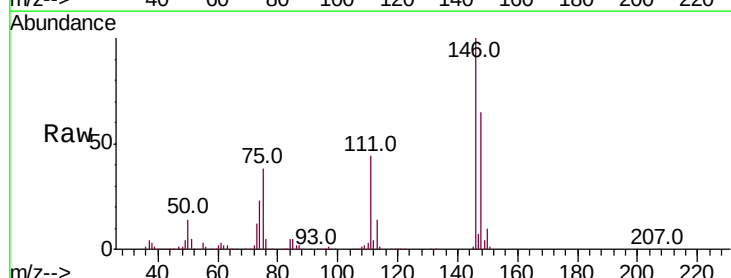
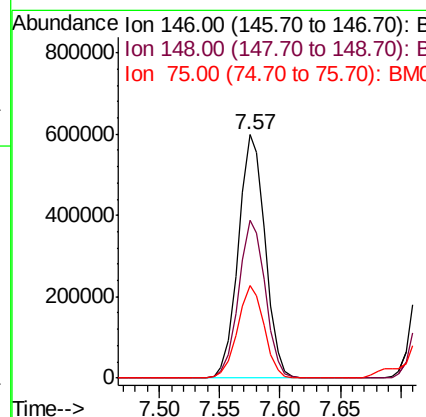
Manual Integrations
APPROVED

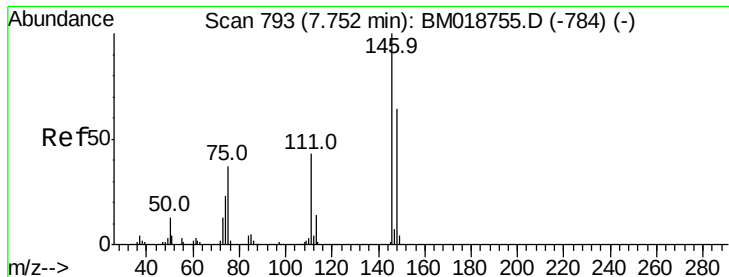
Sohil
2/28/2019 1:33:25 PM



#12
1,3-Dichlorobenzene
Concen: 43.663 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	38.2	31.3	46.9





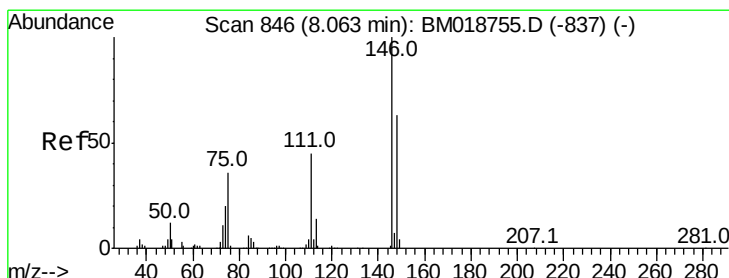
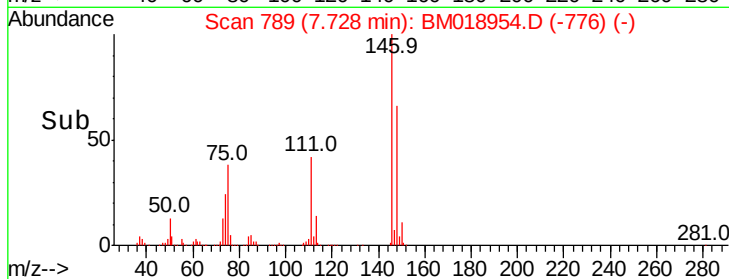
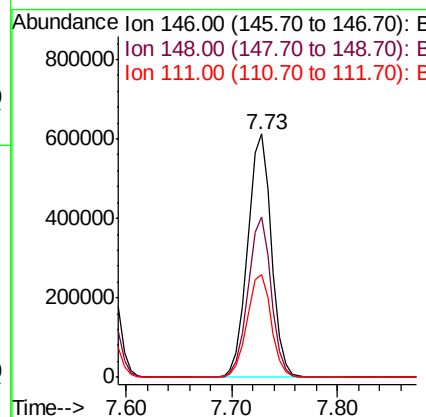
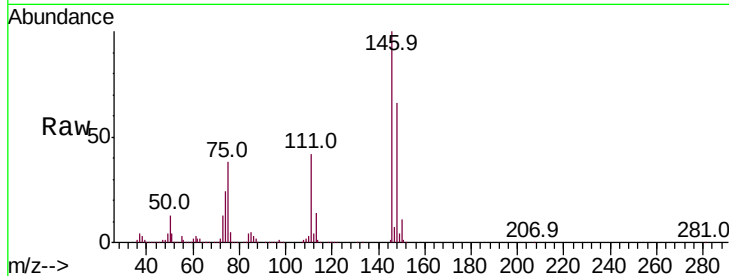
#13
1,4-Dichlorobenzene
Concen: 44.053 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.2
111	42.4	34.6	52.0

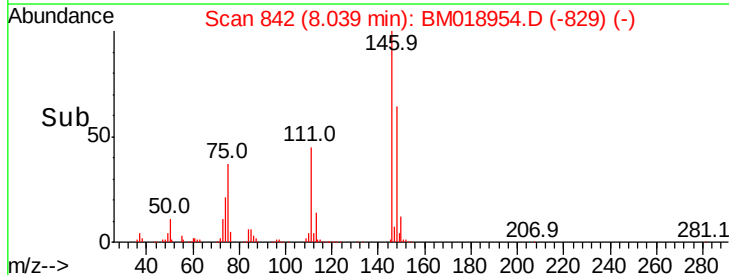
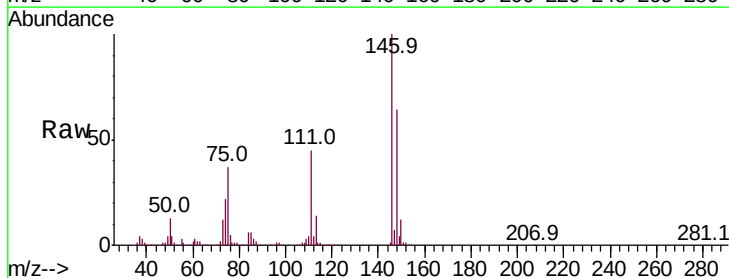
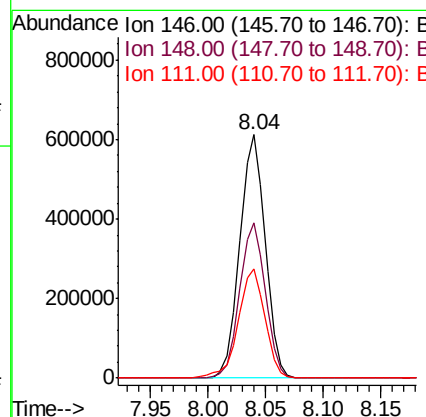
Manual Integrations
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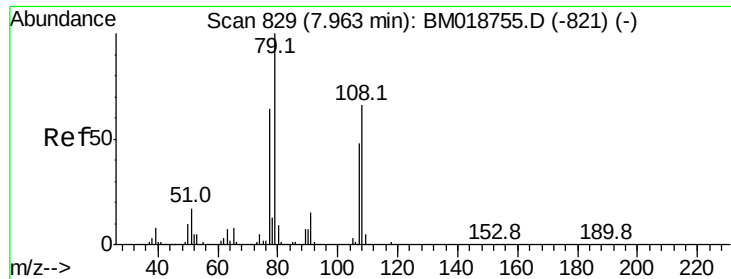
Sohil
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#14
1,2-Dichlorobenzene
Concen: 45.090 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.7	76.1
111	45.0	35.9	53.9





#15

Benzyl Alcohol

Concen: 51.442 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

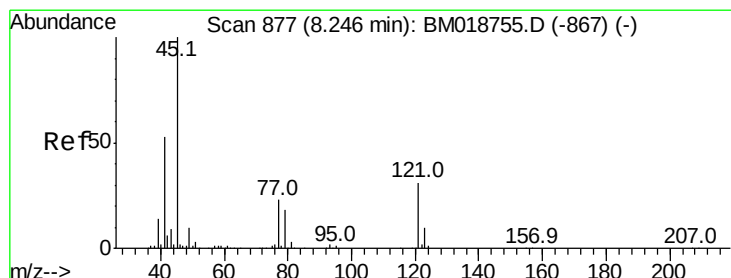
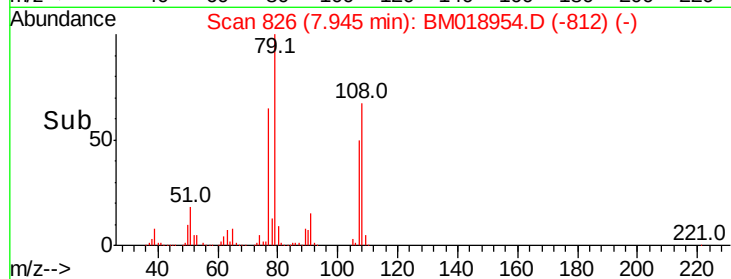
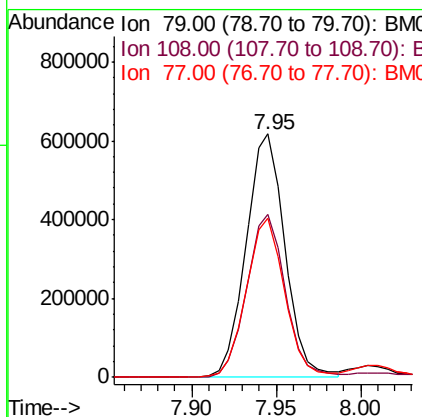
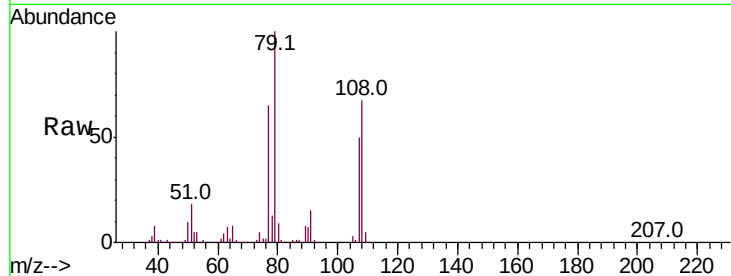
ClientSampleId :

SB-02-(5-10)MS

Tot Ion:	79	Resp:	990276
Ion Ratio	Lower	Upper	
79	100		
108	67.0	52.7	79.1
77	65.4	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.743 ng

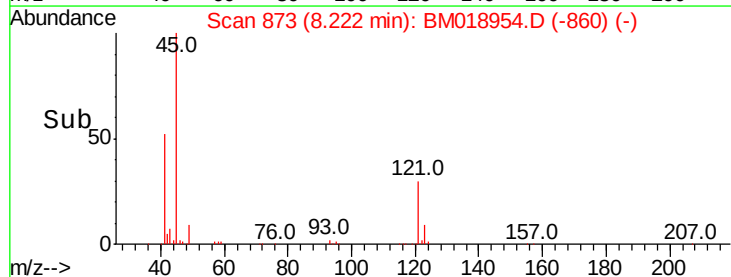
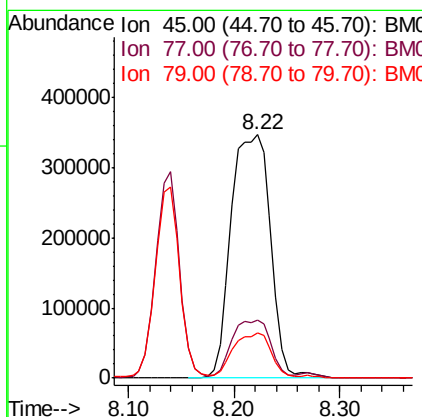
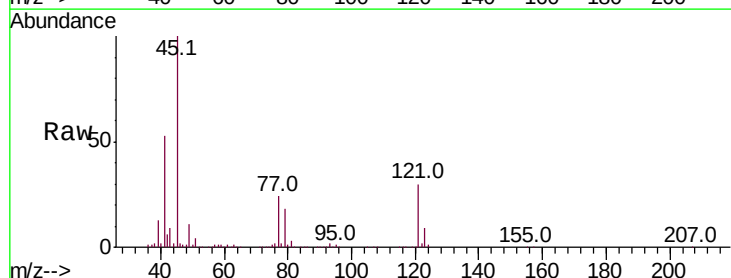
RT: 8.22 min Scan# 873

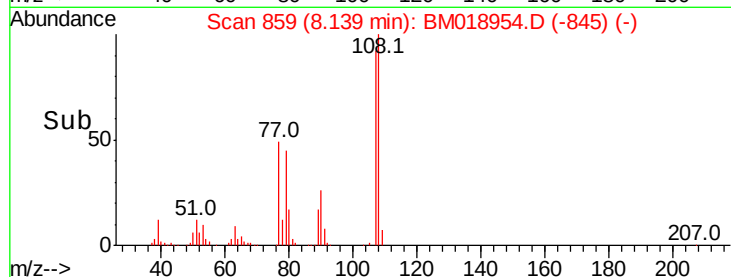
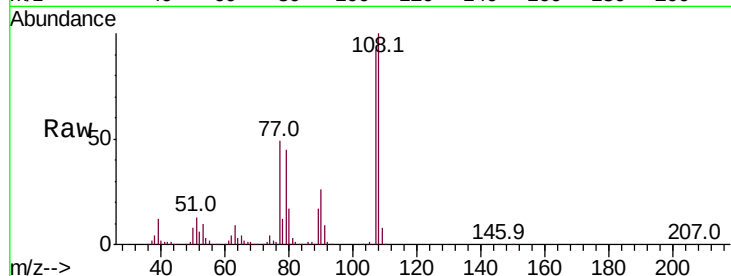
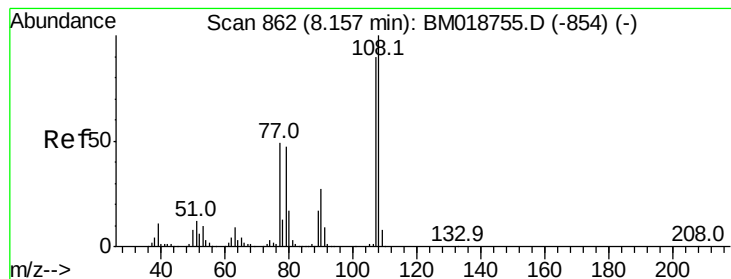
Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	45	Resp:	898537
Ion Ratio	Lower	Upper	
45	100		
77	24.1	5.0	45.0
79	18.5	0.0	39.3





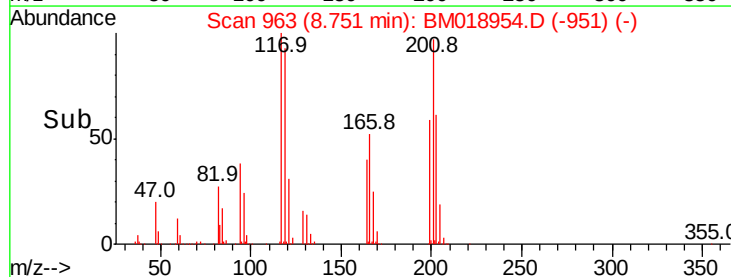
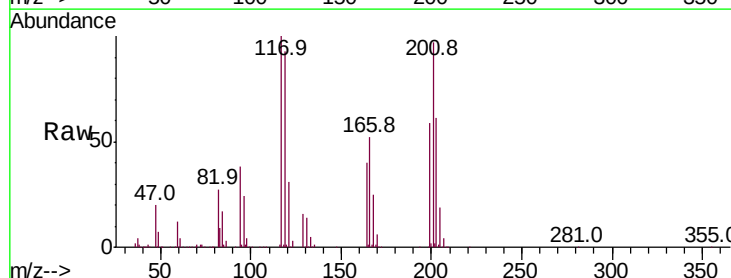
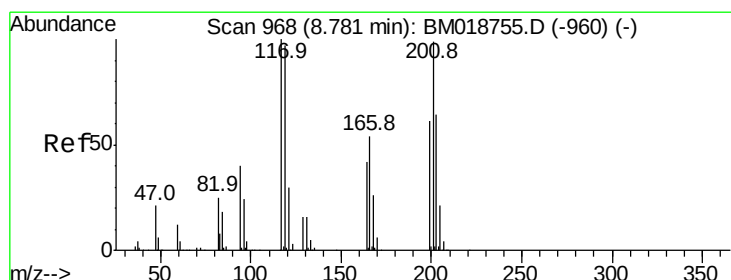
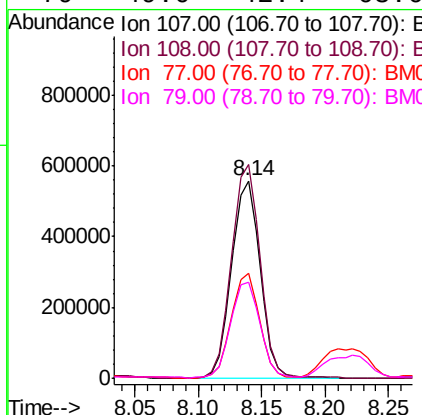
#17
2-Methylphenol
Concen: 53.199 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	88.8	133.2	
77	52.9	44.0	66.0	
79	49.0	42.4	63.6	

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

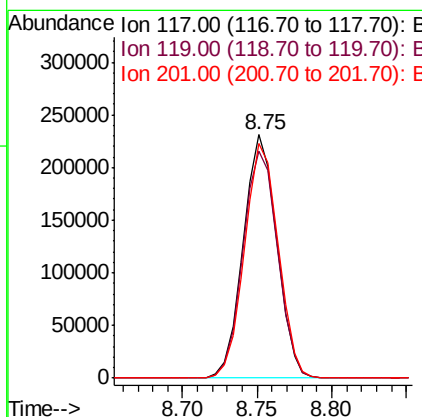
Manual Integrations
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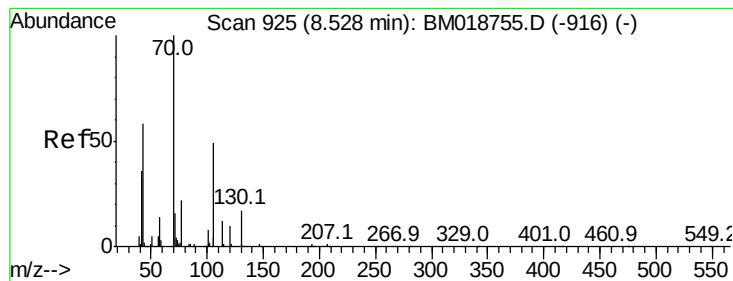
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#18
Hexachloroethane
Concen: 45.496 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.4	77.9	116.9	
201	96.6	79.2	118.8	





#19

n-Nitroso-di-n-propylamine

Concen: 47.625 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

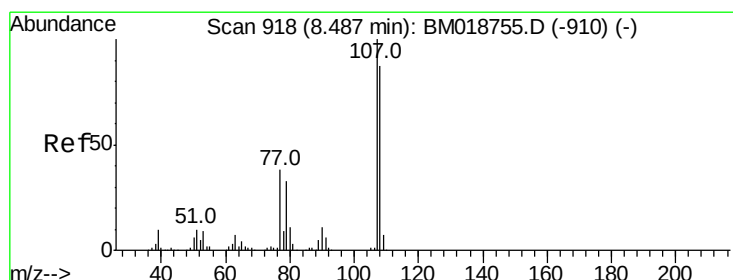
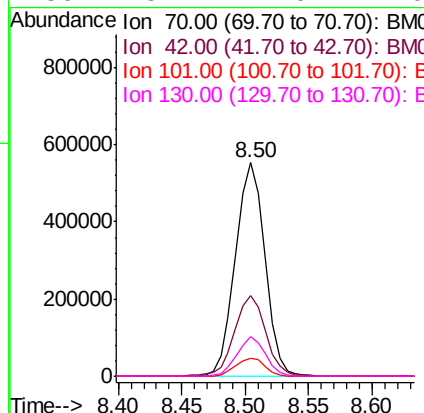
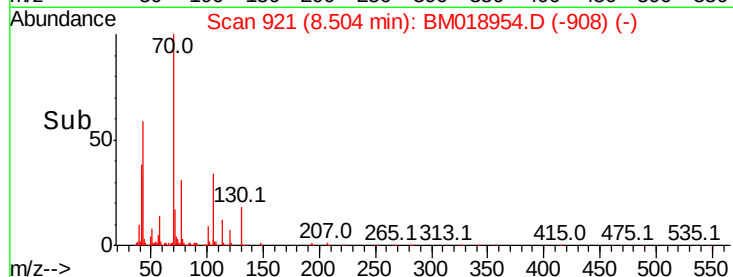
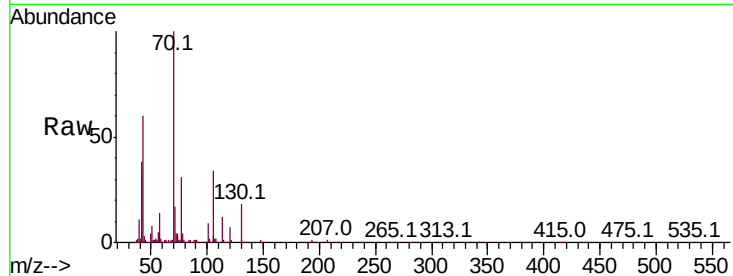
ClientSampleId :

SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.7	29.4	44.0
101	8.6	6.7	10.1
130	18.4	14.0	21.0

Manual Integrations
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#20

3+4-Methylphenols

Concen: 52.274 ng

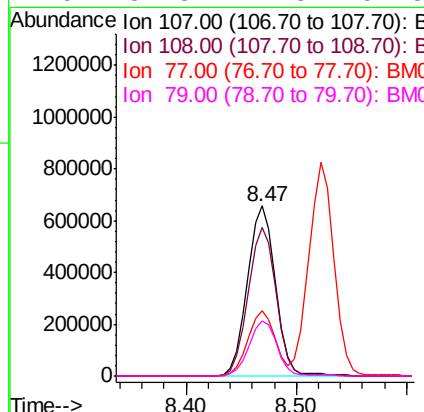
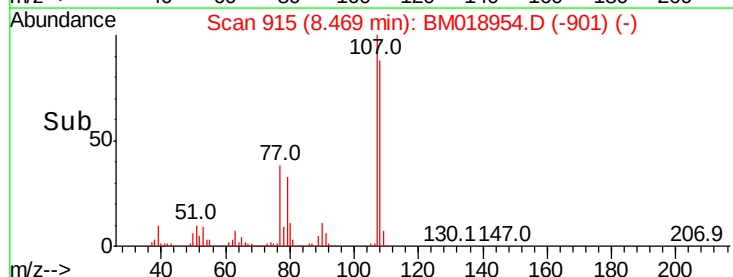
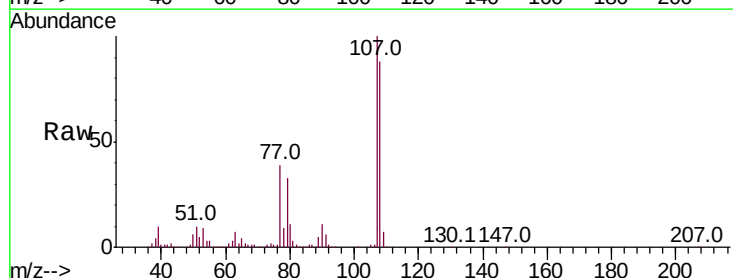
RT: 8.47 min Scan# 915

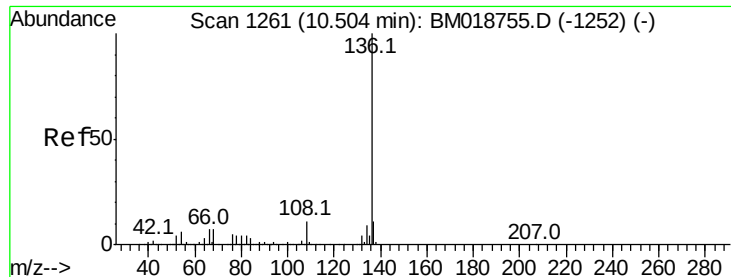
Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.3	107.3
77	38.6	18.0	58.0
79	32.8	12.8	52.8





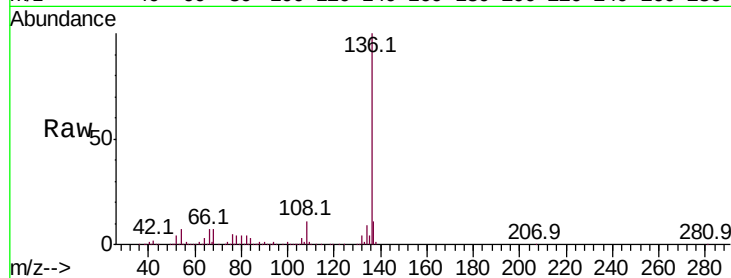
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

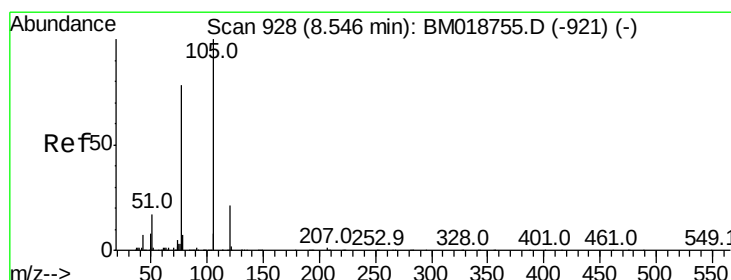
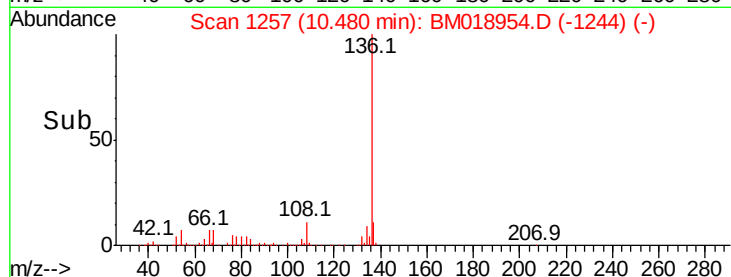
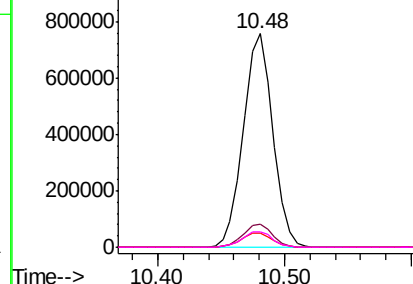
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.0	7.6
68	7.4	5.5	8.3

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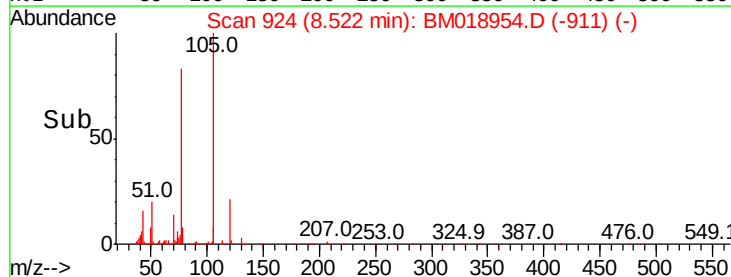
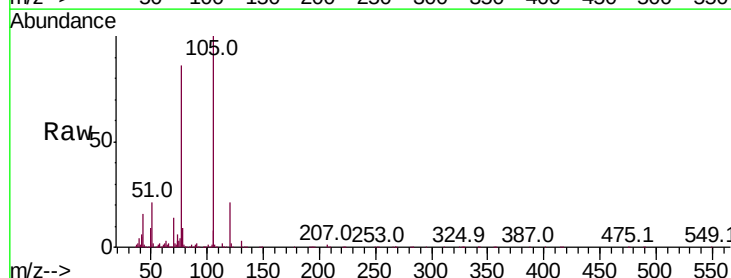
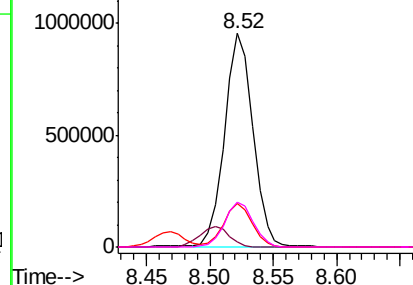
Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

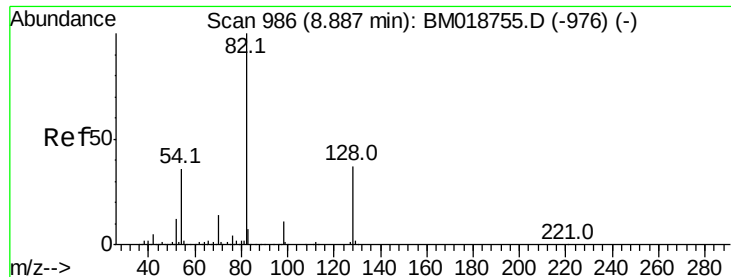


#22
Acetophenone
Concen: 44.158 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.1	1.7#
51	20.7	15.5	23.3
120	20.8	17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





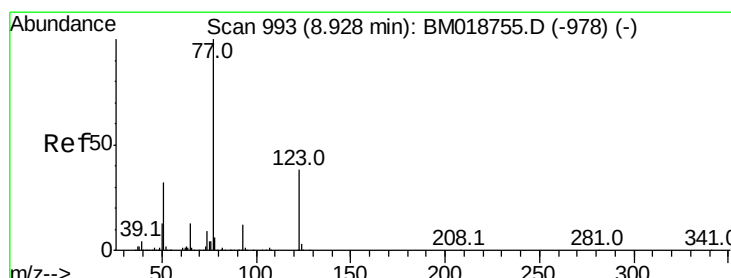
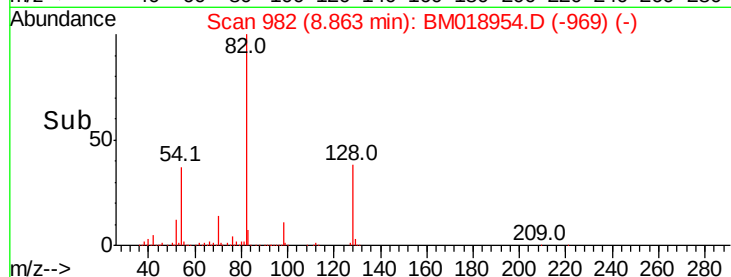
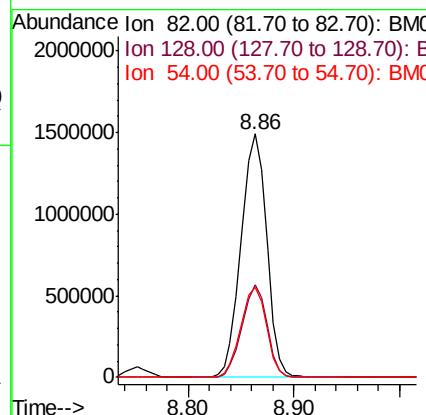
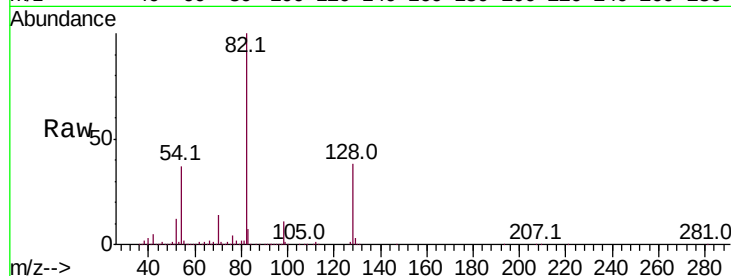
#23
Nitrobenzene-d5
Concen: 95.066 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.9	44.9
54	37.1	29.1	43.7

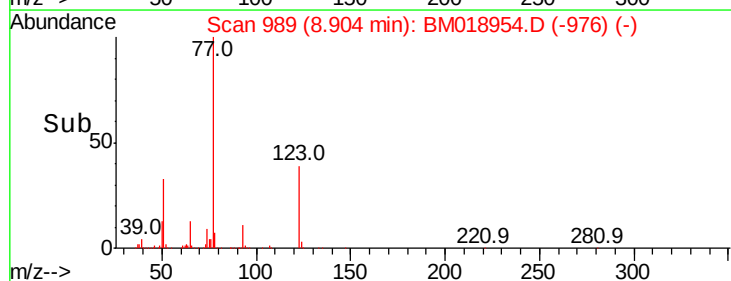
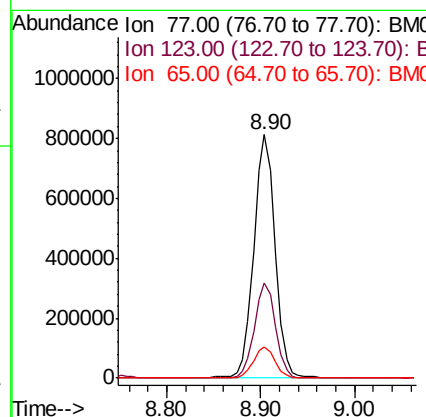
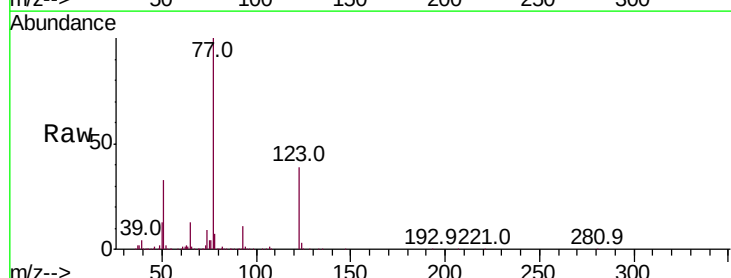
Manual Integrations
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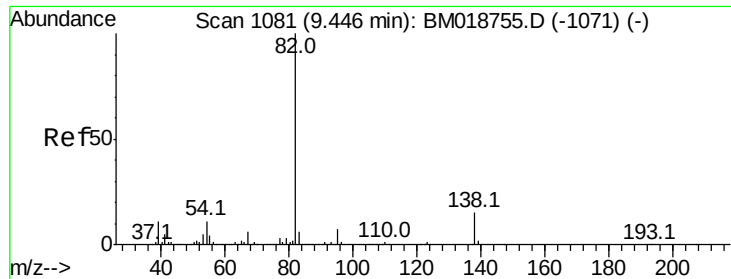
Sohil
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#24
Nitrobenzene
Concen: 46.423 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.7	46.1
65	12.9	10.5	15.7





#25

Isophorone

Concen: 53.992 ng

RT: 9.42 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampled :

SB-02-(5-10)MS

Tot Ion: 82 Resp: 2271572

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

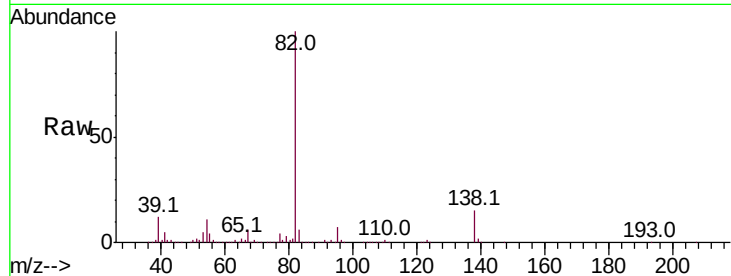
138 15.1 12.3 18.5

Manual Integrations

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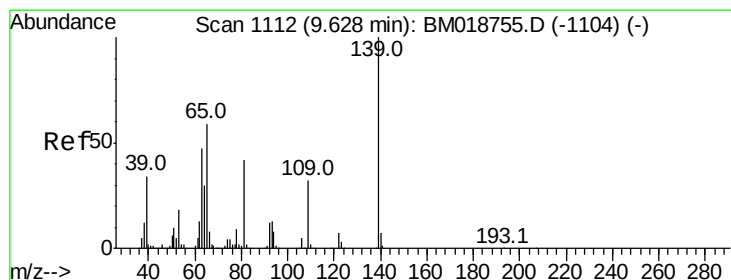
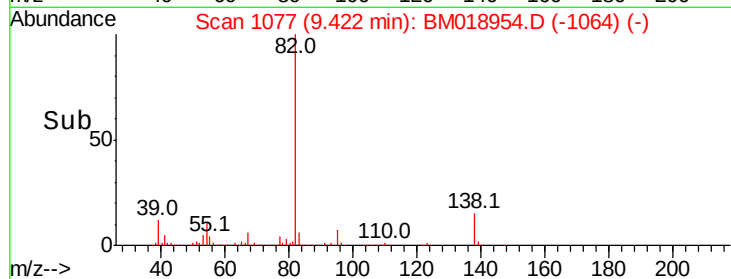
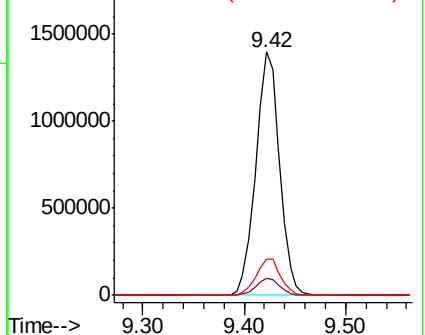
2/28/2019 1:33:25 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 49.618 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

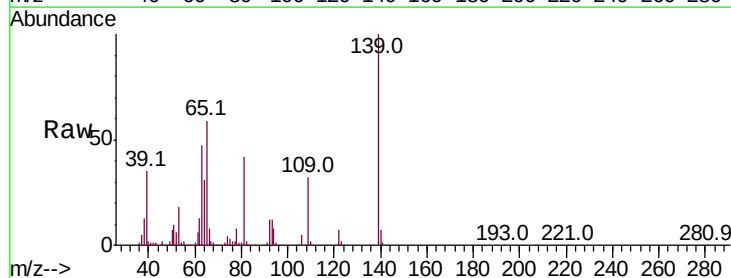
Tgt Ion: 139 Resp: 540819

Ion Ratio Lower Upper

139 100

109 31.8 25.2 37.8

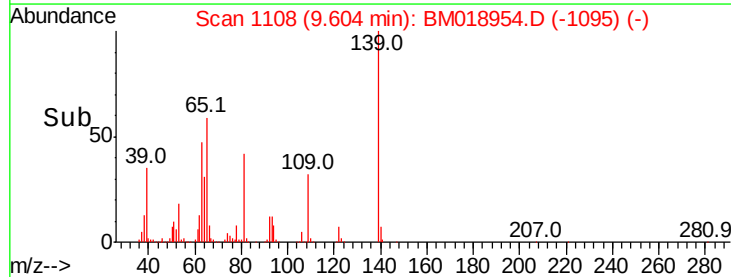
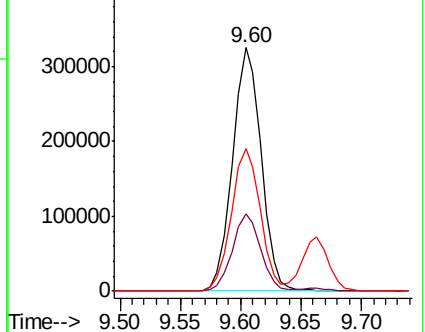
65 58.7 47.0 70.4

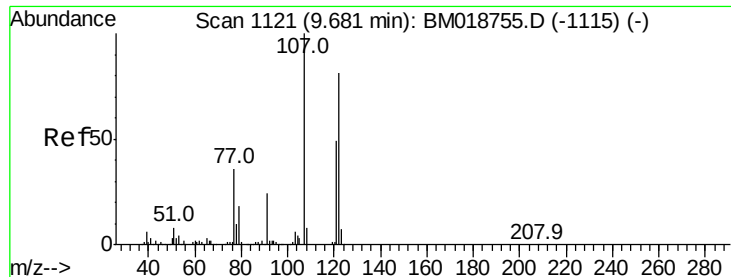


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)





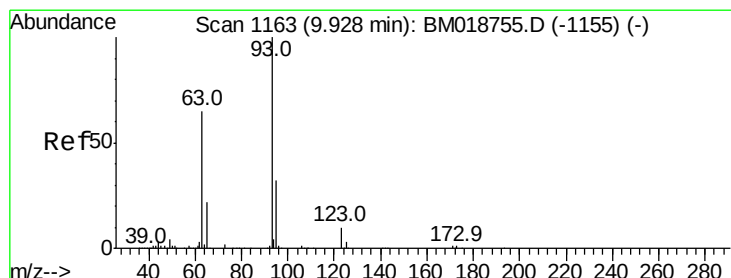
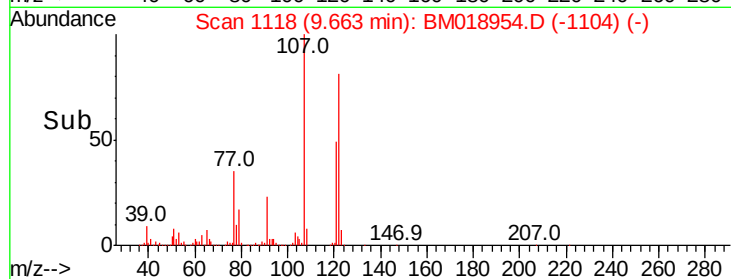
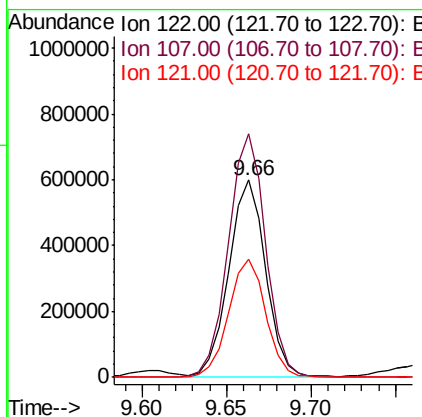
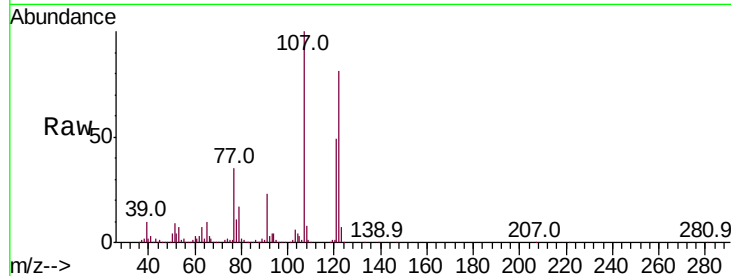
#27
2,4-Dimethylphenol
Concen: 56.888 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.4	97.6	146.4
121	60.2	47.9	71.9

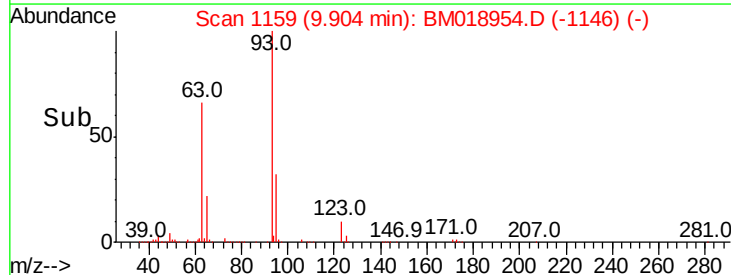
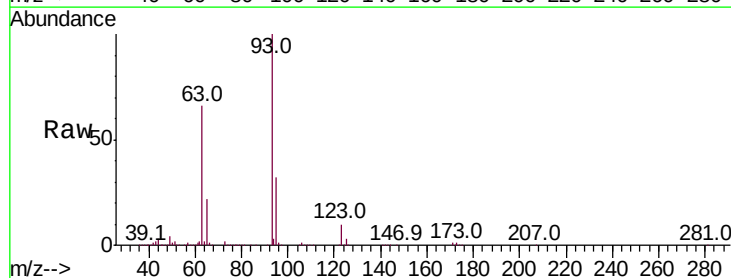
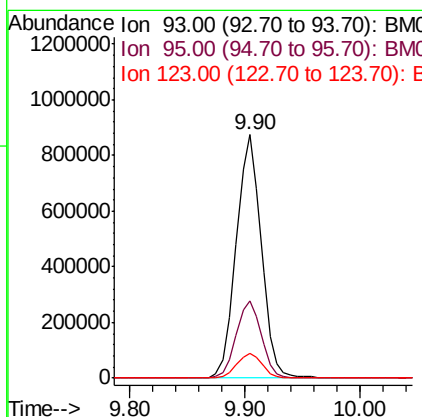
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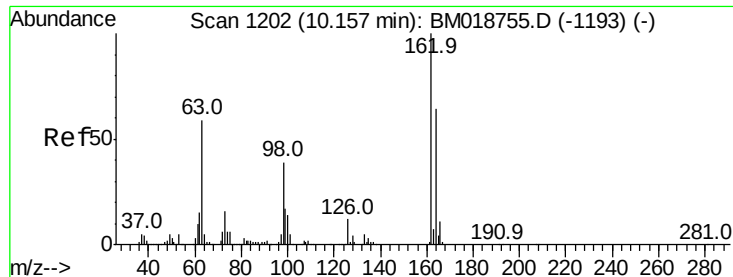
Sohil
2/28/2019 1:33:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.323 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

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





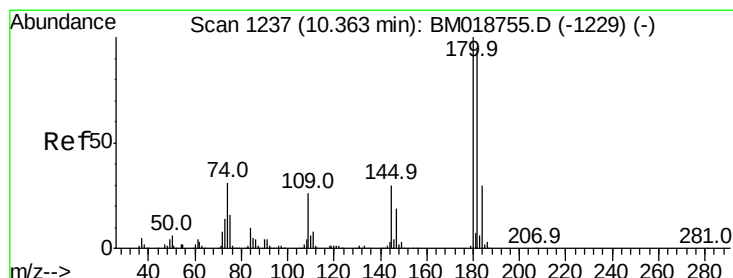
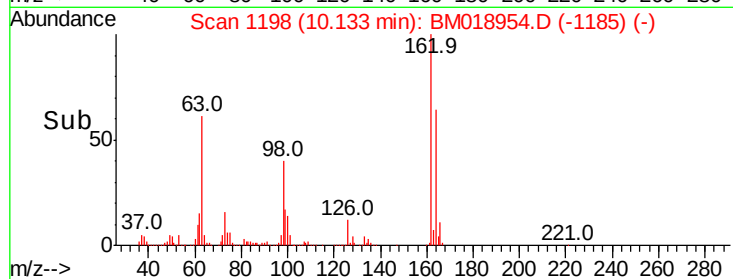
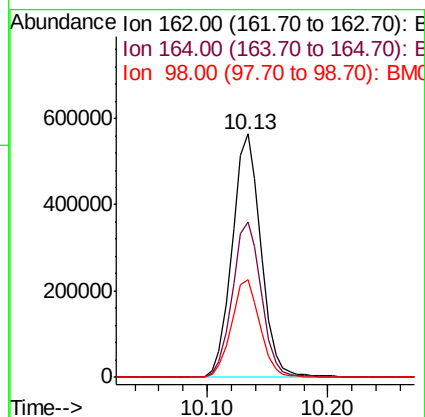
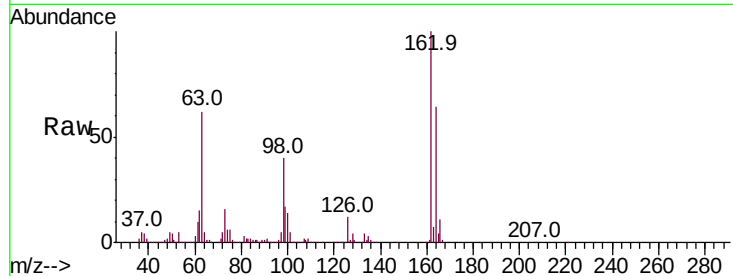
#29
2,4-Dichlorophenol
Concen: 51.124 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.1	84.1
98	40.0	19.4	59.4

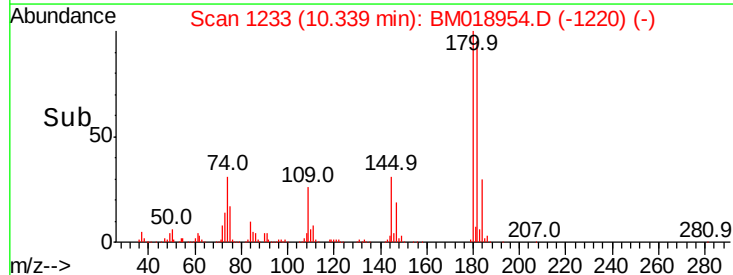
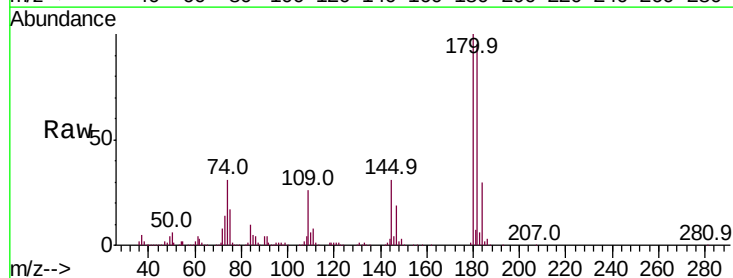
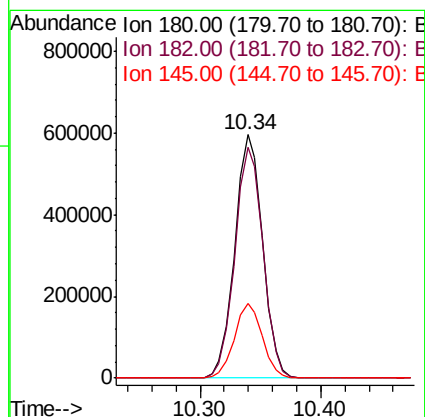
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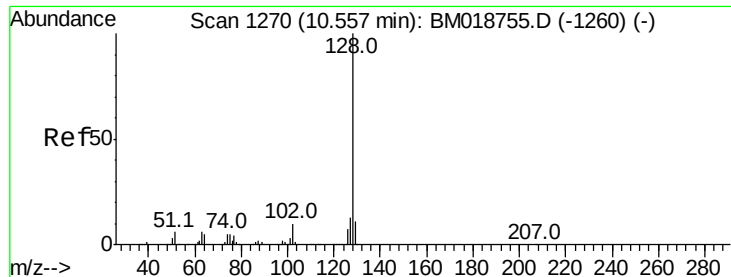
Sohil
2/28/2019 1:33:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.395 ng
RT: 10.34 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	75.0	112.6
145	30.7	24.1	36.1





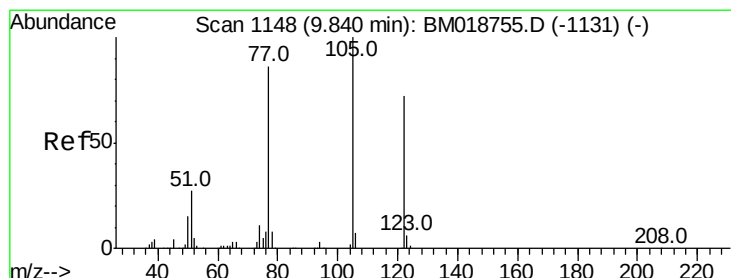
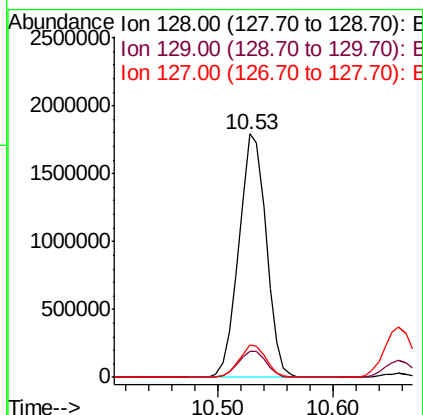
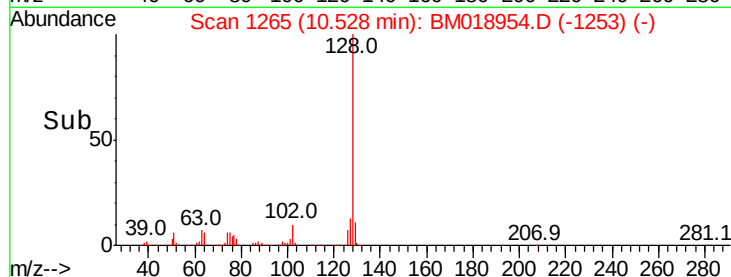
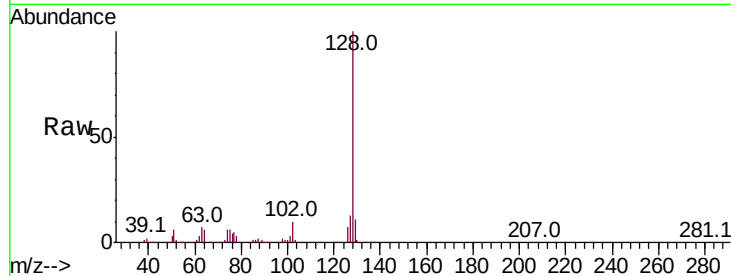
#31
Naphthalene
Concen: 49.584 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.3	10.7	16.1

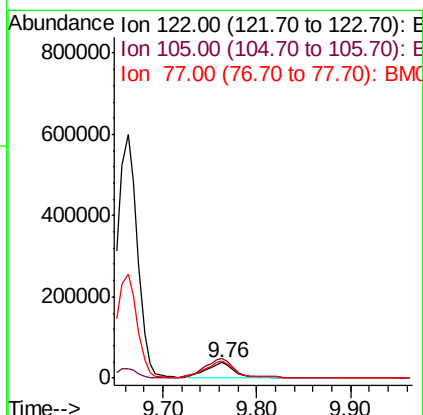
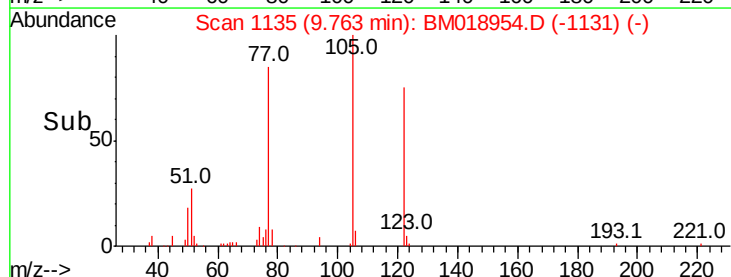
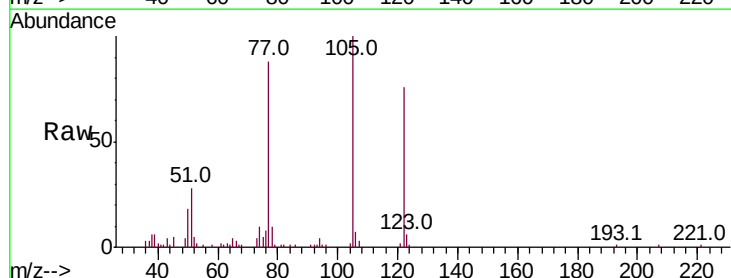
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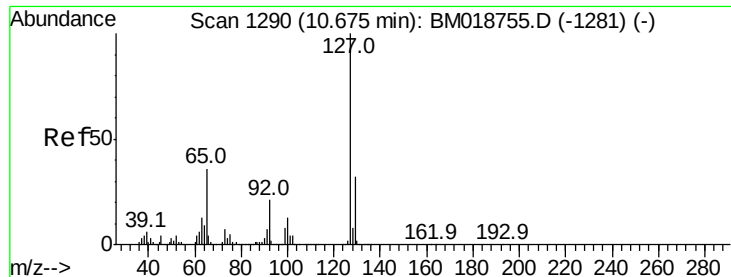
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2/28/2019 1:33:25 PM



#32
Benzoic acid
Concen: 5.534 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.08 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	117.5	157.5
77	116.2	98.5	138.5





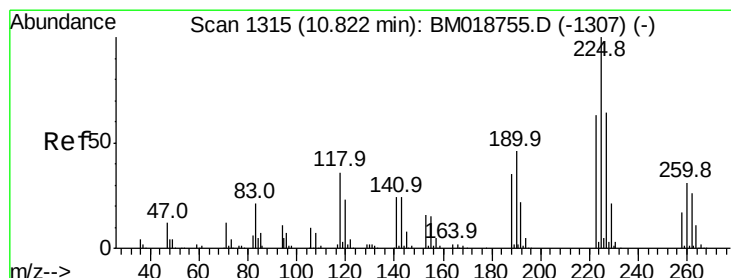
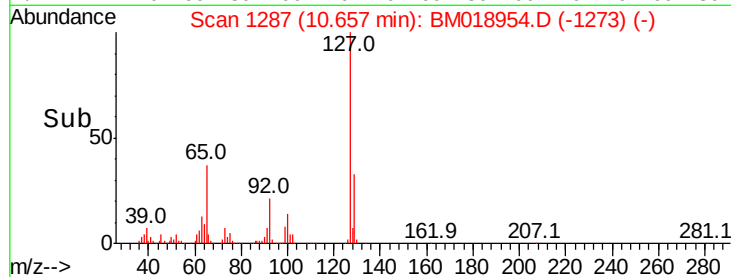
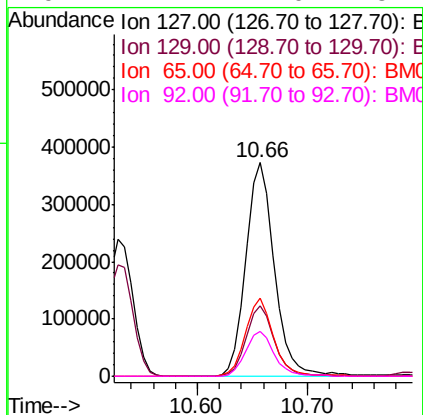
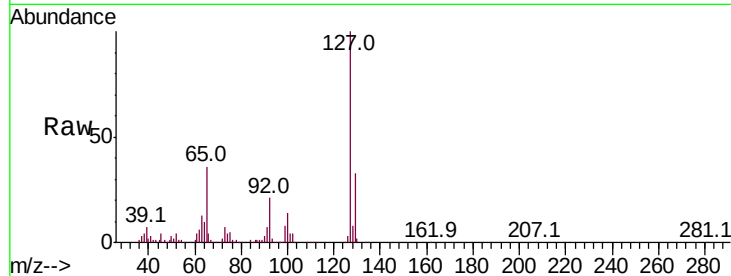
#33
4-Chloroaniline
Concen: 25.446 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	36.5	28.7	43.1
92	21.2	17.0	25.4

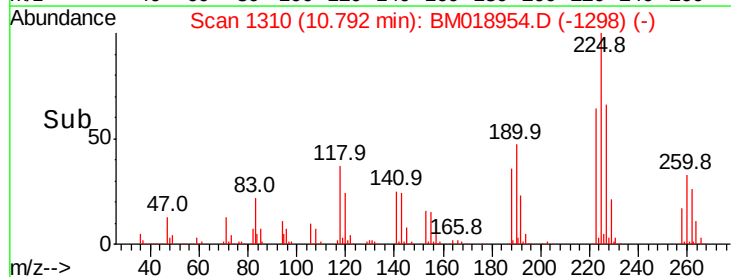
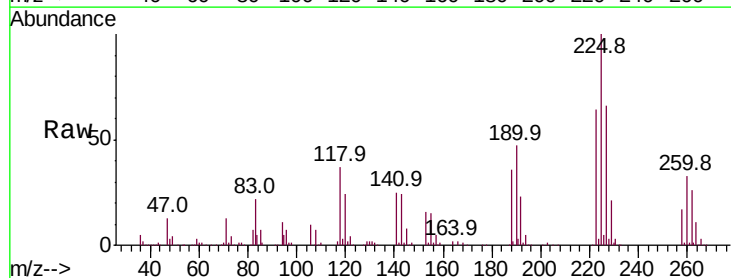
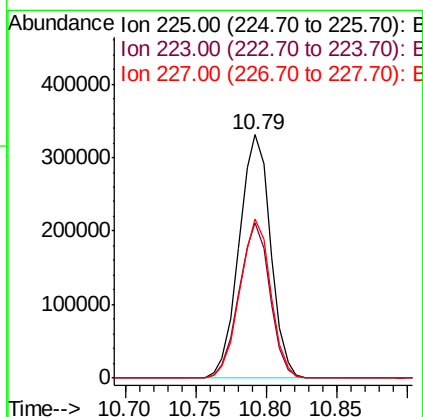
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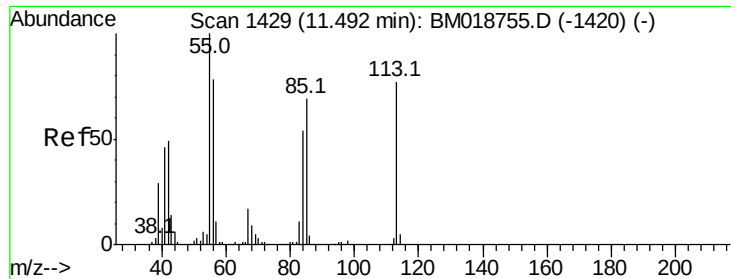
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#34
Hexachlorobutadiene
Concen: 42.029 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.1	75.1
227	65.6	51.4	77.0





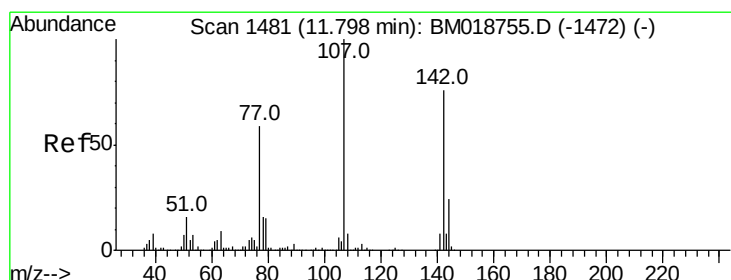
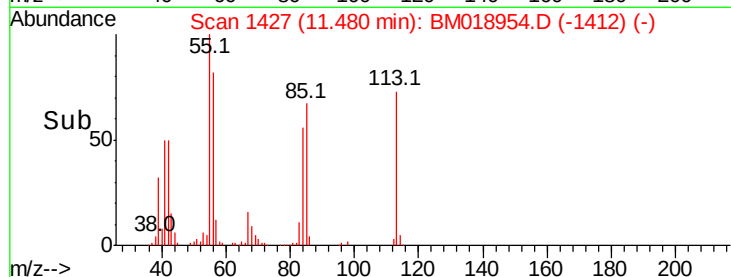
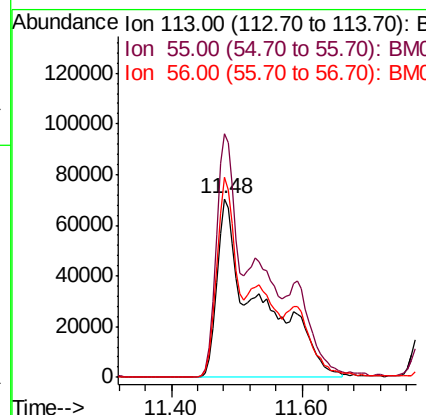
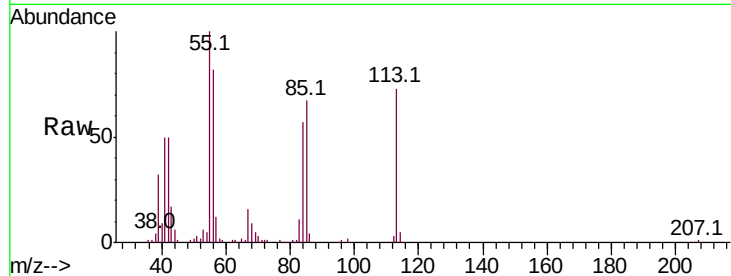
#35
 Caprolactam
 Concen: 42.181 ng/ml
 RT: 11.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.3	110.7	150.7
56	112.1	82.4	122.4

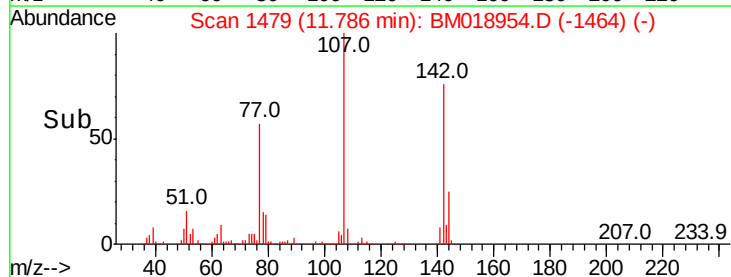
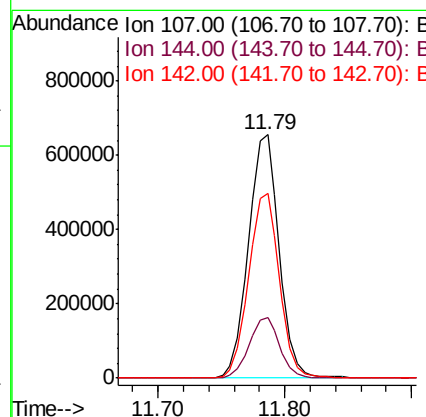
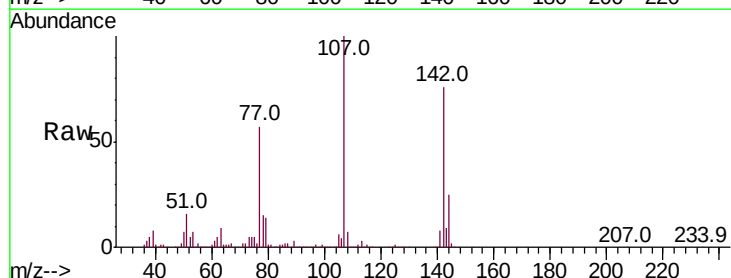
Manual Integrations
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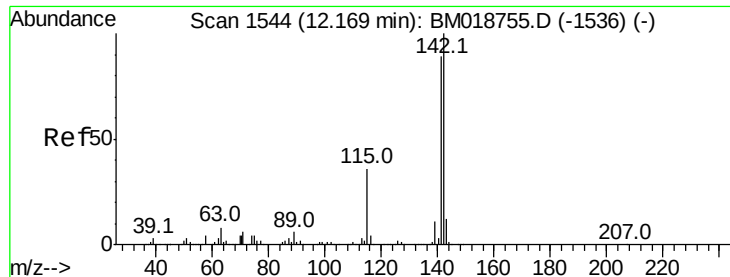
Sohil
 2/28/2019 1:33:25 PM



#36
 4-Chloro-3-methylphenol
 Concen: 50.084 ng/ml
 RT: 11.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.3	28.9
142	75.8	60.5	90.7





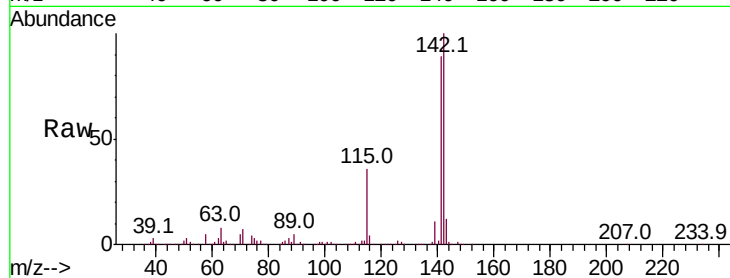
#37
2-Methylnaphthalene
Concen: 52.916 ng
RT: 12.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	36.3	29.1	43.7

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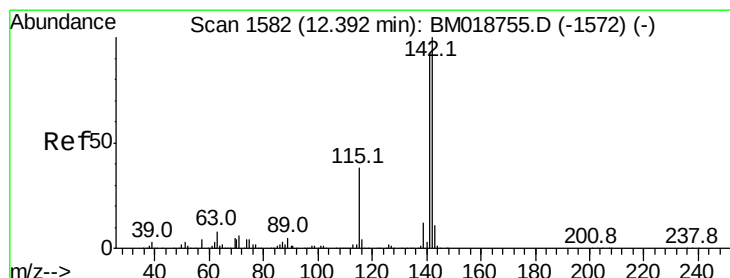
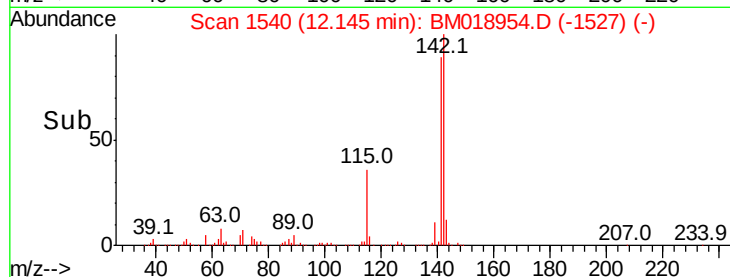
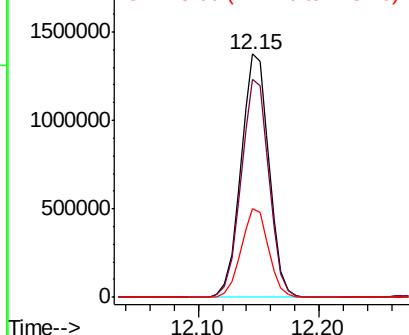


Abundance

Ion 142.00 (141.70 to 142.70): E

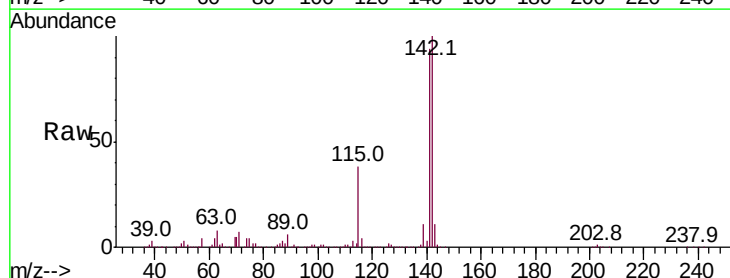
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.187 ng
RT: 12.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.9	110.9
116	3.9	3.0	4.4

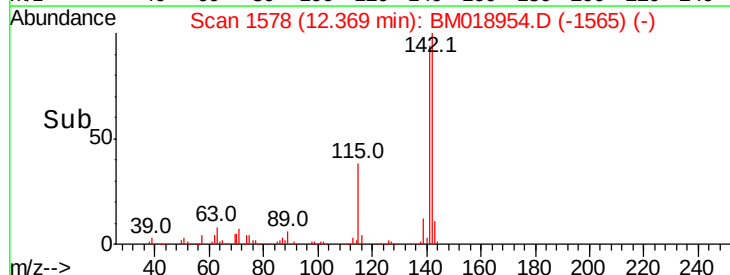
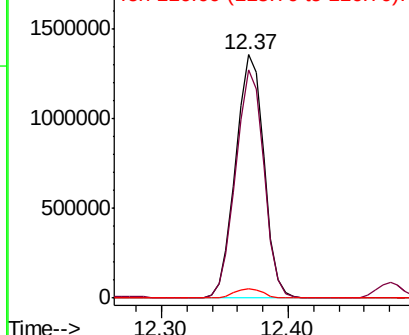


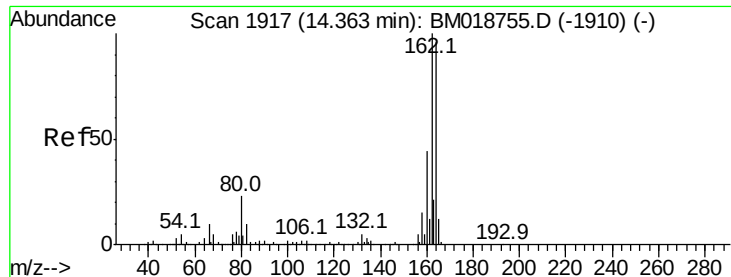
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





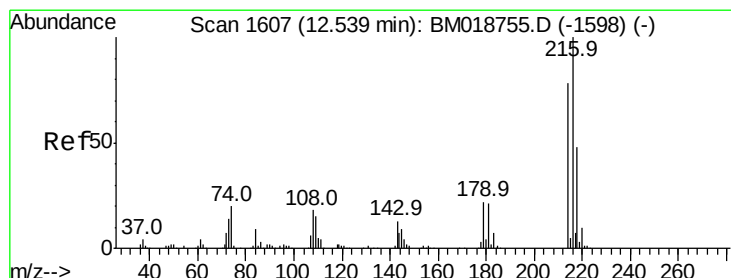
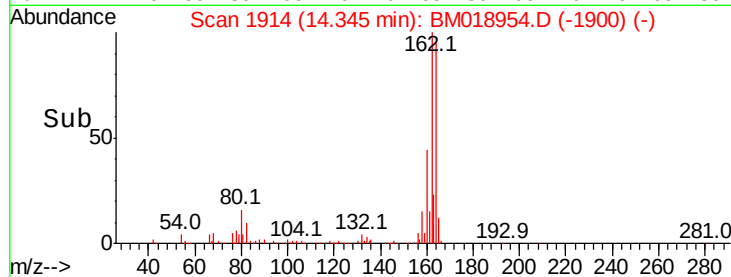
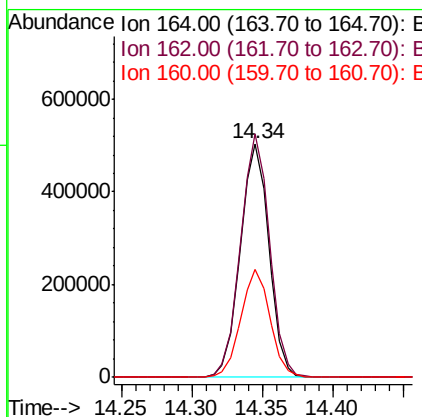
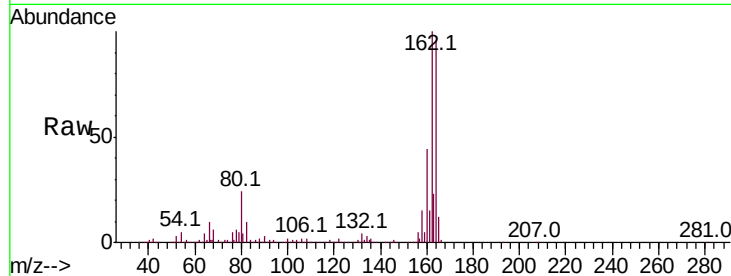
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.4	125.0
160	46.1	36.6	55.0

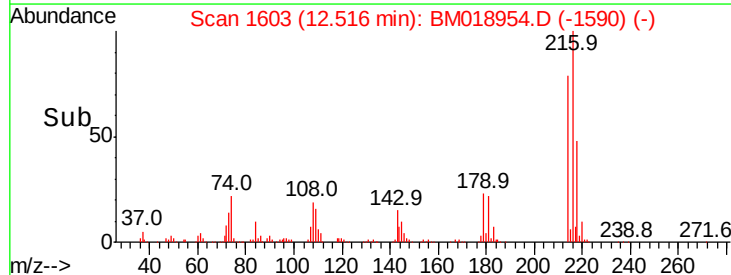
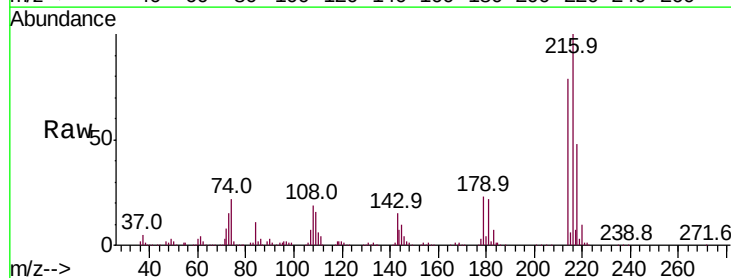
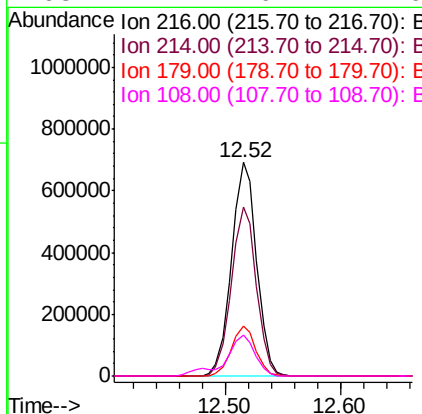
Manual Integrations
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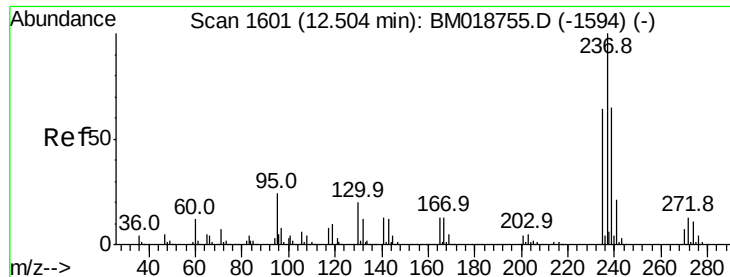
Sohil
2/28/2019 1:33:25 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.379 ng
RT: 12.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	22.7	17.8	26.8
108	22.2	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 84.505 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

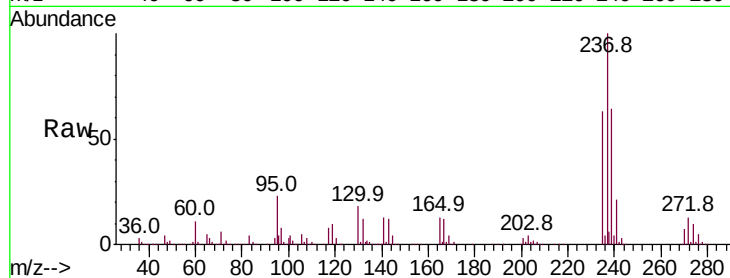
ClientSampleId :

SB-02-(5-10)MS

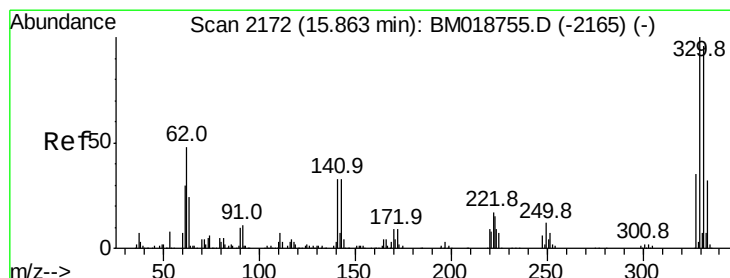
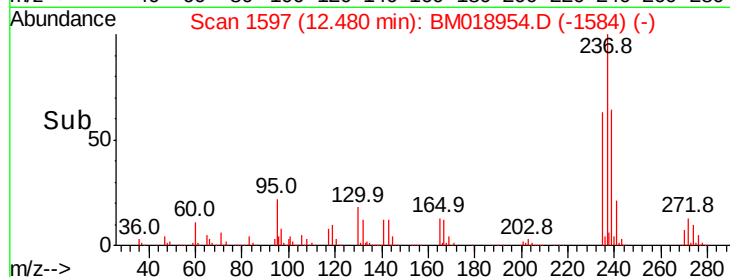
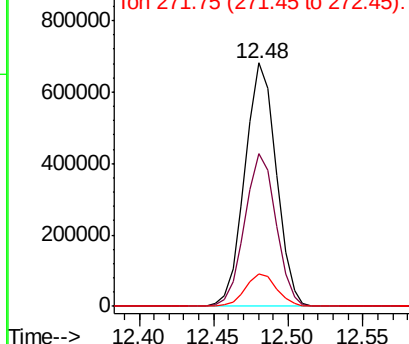
Tot Ion:	237	Resp:	989327
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.7	83.7
272	13.1	0.0	33.3

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: 156.165 ng

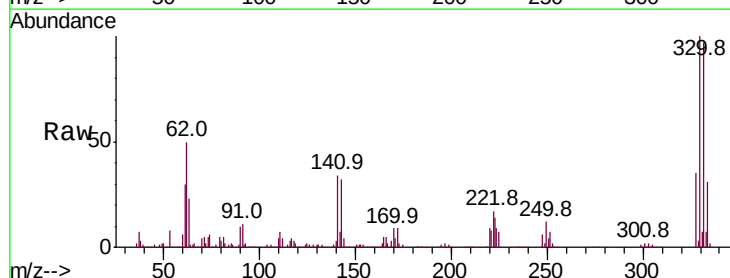
RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

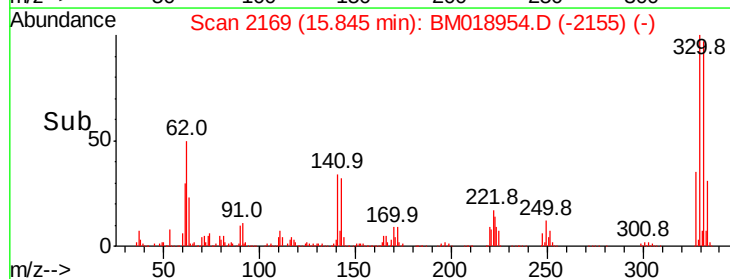
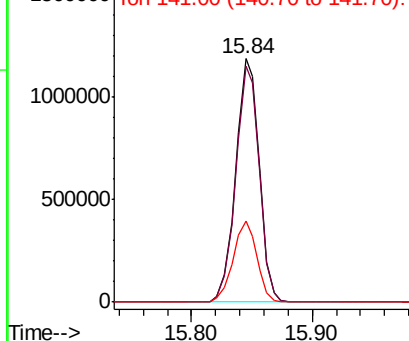
Lab File: BM018954.D

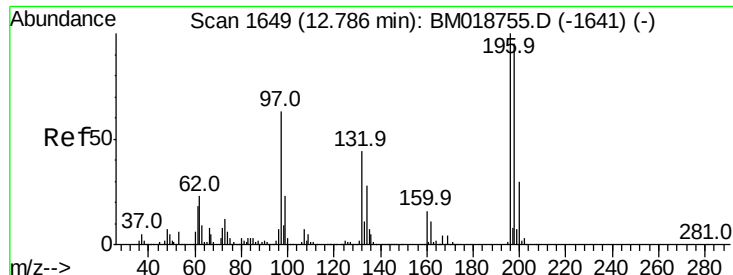
Acq: 27 Feb 2019 17:57

Tgt Ion:	330	Resp:	1611369
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.9	115.3
141	33.8	28.7	43.1



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





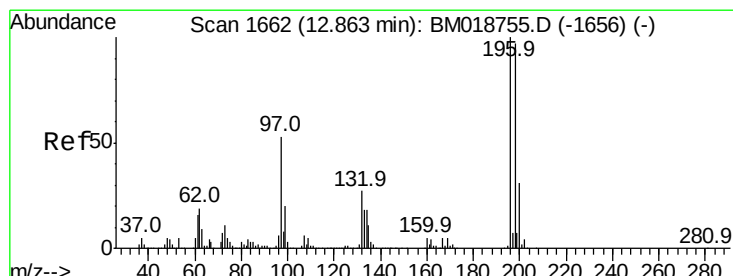
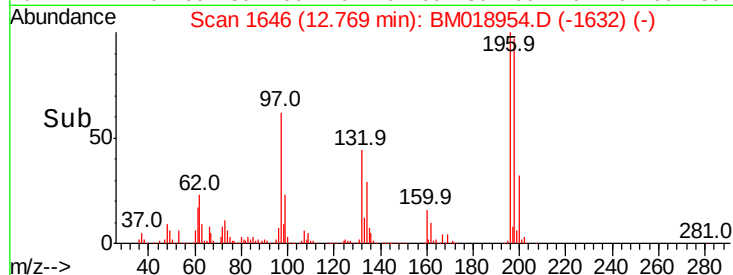
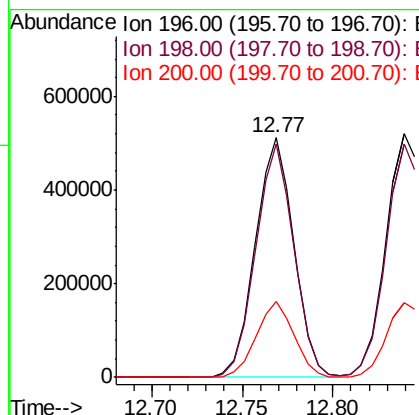
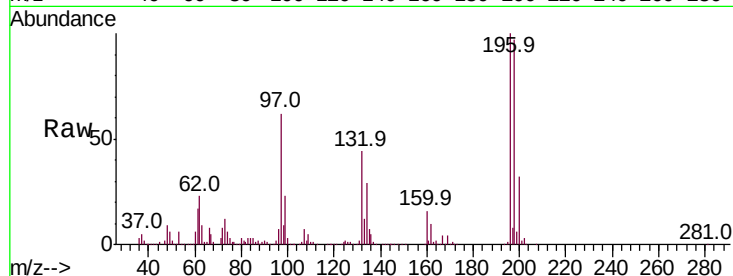
#43
 2,4,6-Trichlorophenol
 Concen: 49.878 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	756089		
198	97.3	76.2	114.2	
200	31.5	24.2	36.2	

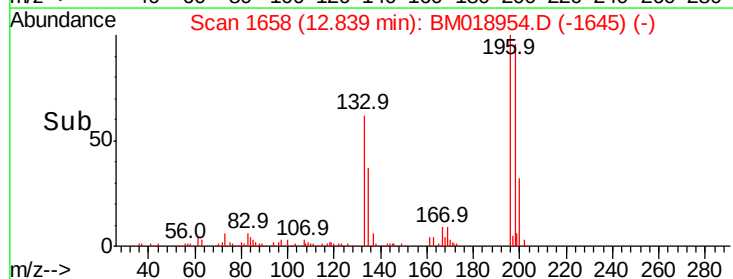
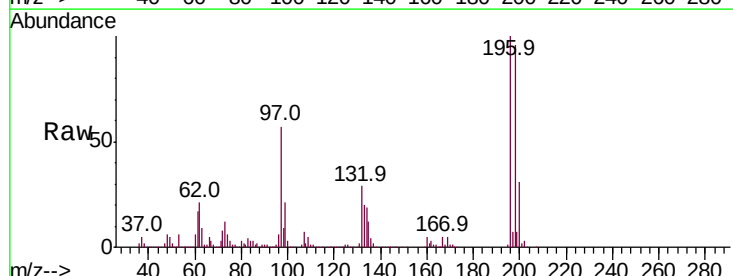
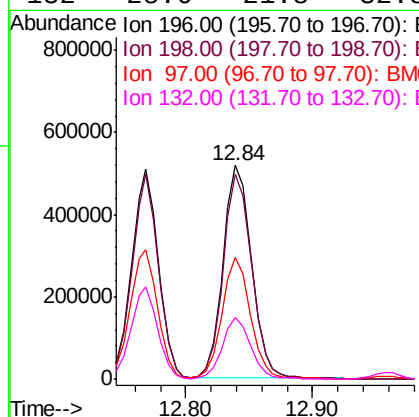
Manual Integrations
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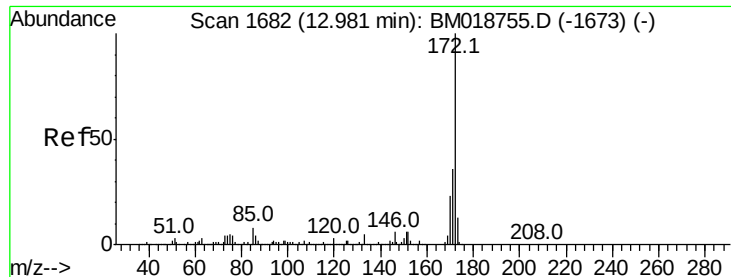
Sohil
 2/28/2019 1:33:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.028 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	810756		
198	95.8	77.6	116.4	
97	56.7	42.8	64.2	
132	28.6	21.8	32.8	





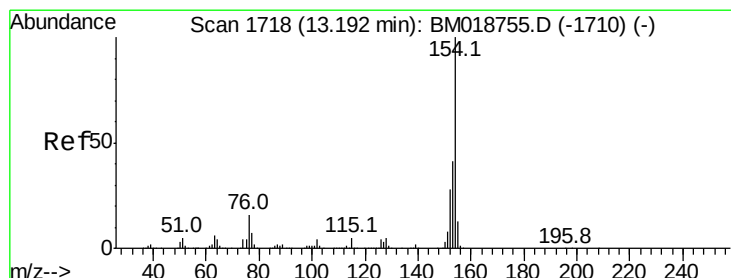
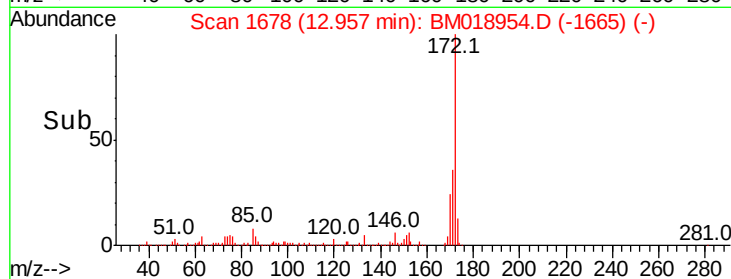
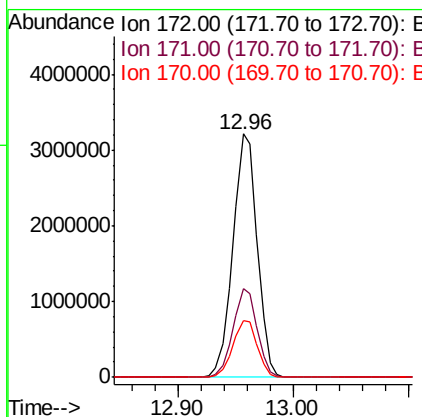
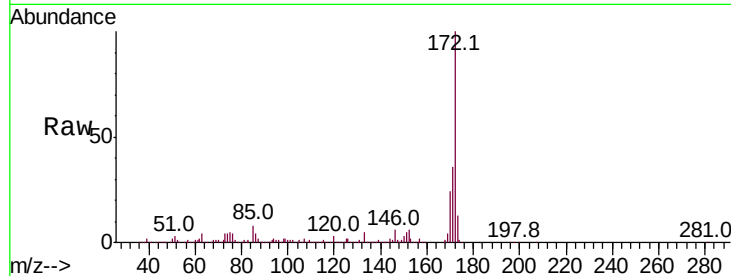
#45
2-Fluorobiphenyl
Concen: 86.622 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion:172 Resp: 4670949
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.5 18.6 28.0

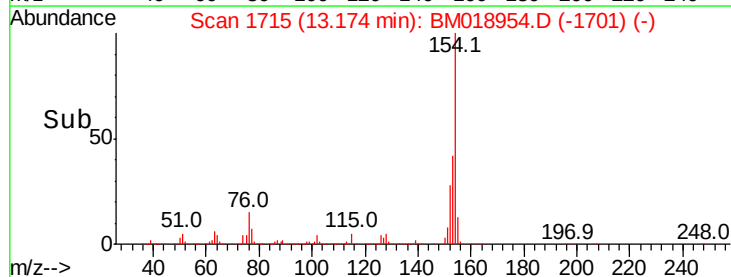
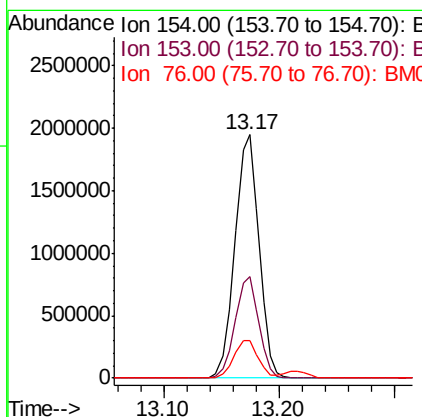
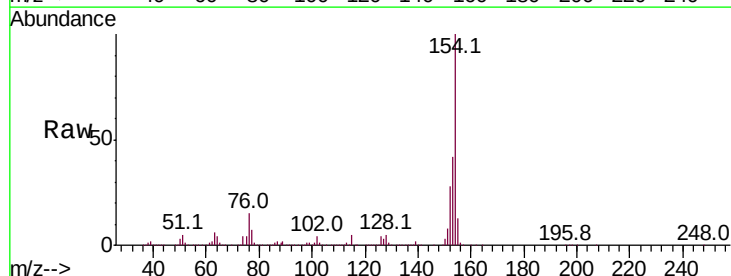
Manual Integrations
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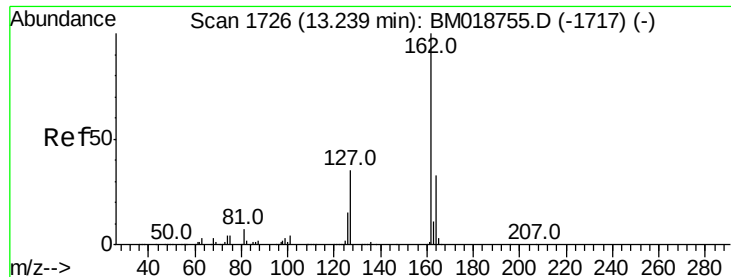
Sohil
2/28/2019 1:33:25 PM



#46
1,1'-Biphenyl
Concen: 45.495 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion:154 Resp: 2803239
Ion Ratio Lower Upper
154 100
153 41.5 21.1 61.1
76 15.3 0.0 35.7





#47

2-Chloronaphthalene

Concen: 46.200 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:162 Resp: 2198753

Ion Ratio Lower Upper

162 100

127 39.7 31.1 46.7

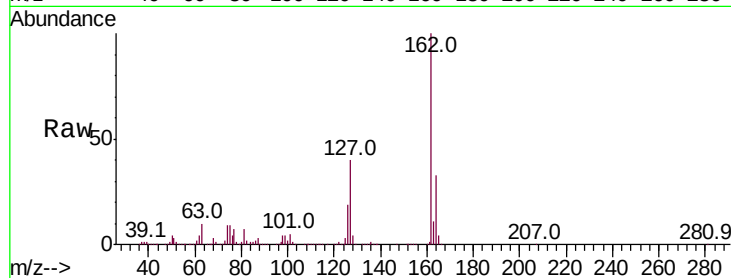
164 32.9 26.4 39.6

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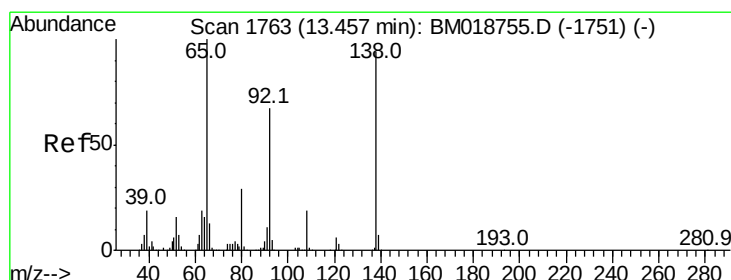
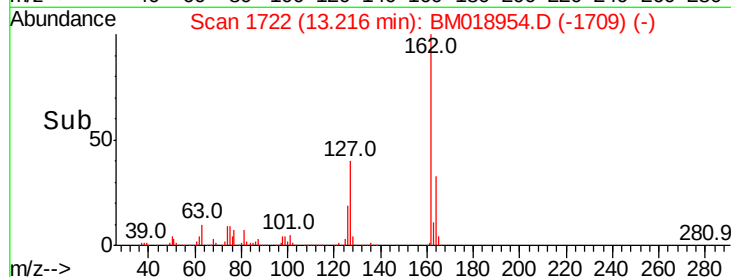
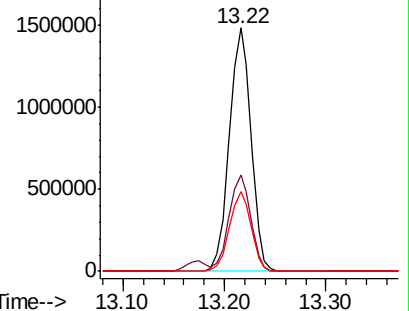
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 50.629 ng

RT: 13.44 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

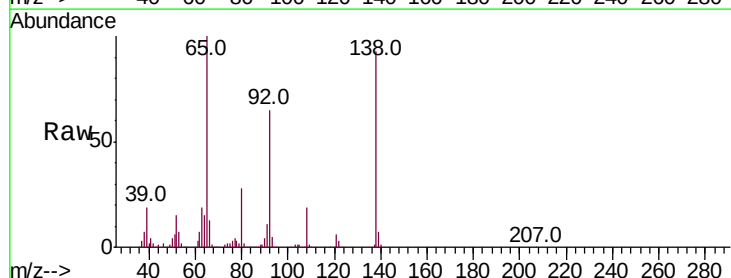
Tgt Ion: 65 Resp: 800247

Ion Ratio Lower Upper

65 100

92 65.1 54.0 81.0

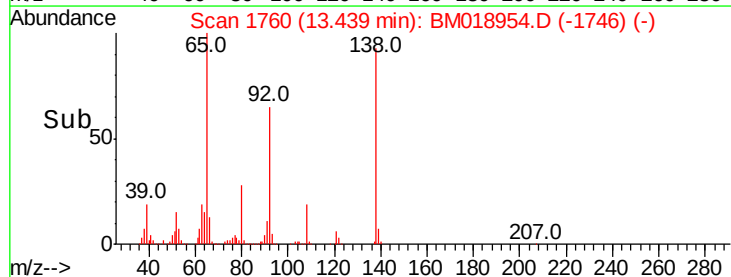
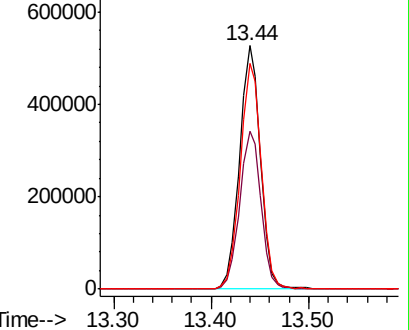
138 92.8 74.9 112.3

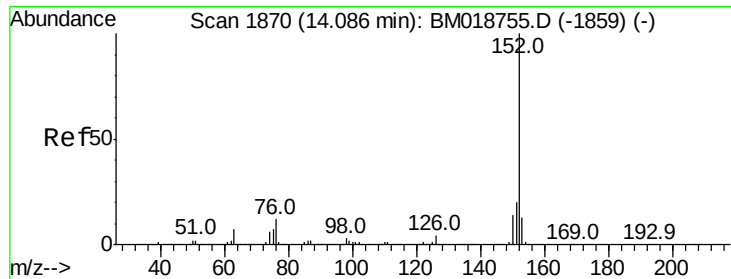


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.884 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:152 Resp: 3605891

Ion Ratio Lower Upper

152 100

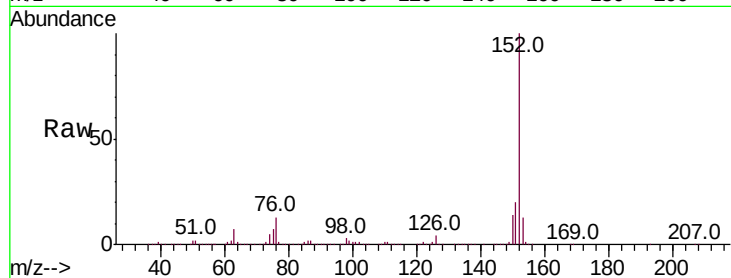
151 20.3 15.8 23.8

153 13.2 10.5 15.7

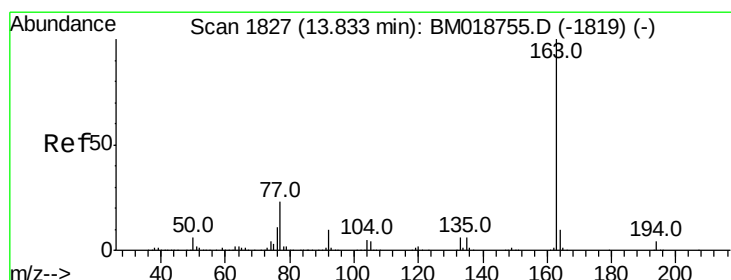
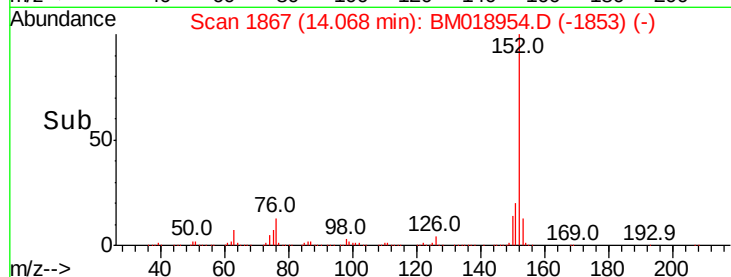
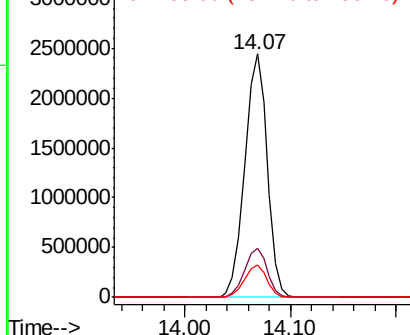
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.443 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

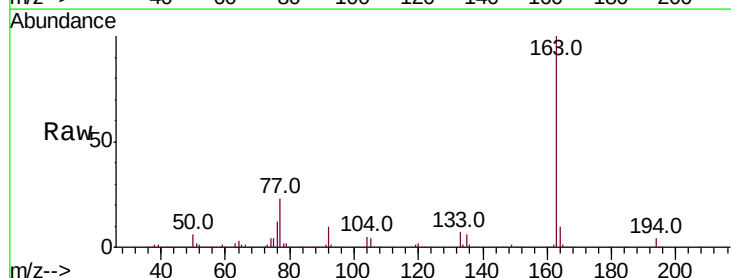
Tgt Ion:163 Resp: 3009244

Ion Ratio Lower Upper

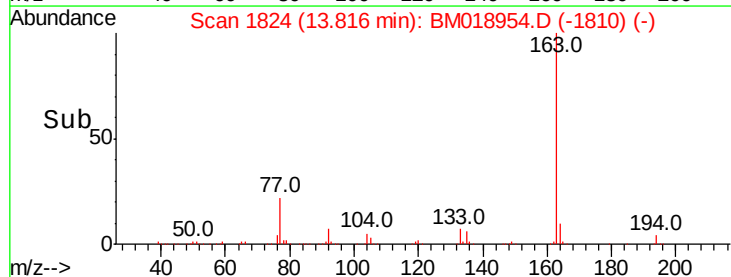
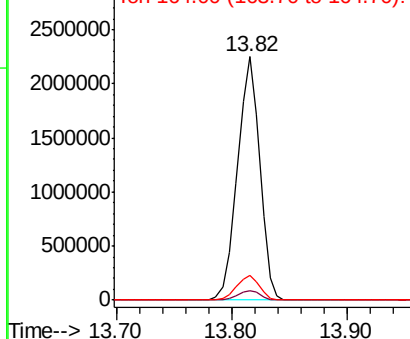
163 100

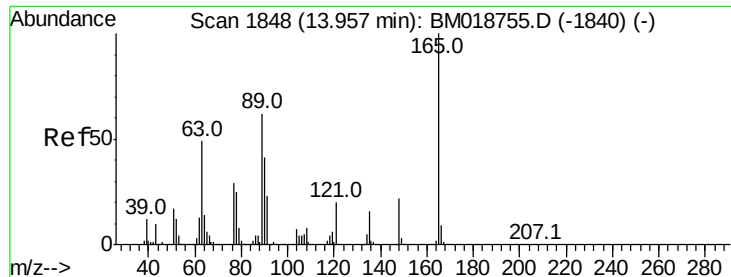
194 4.1 3.2 4.8

164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





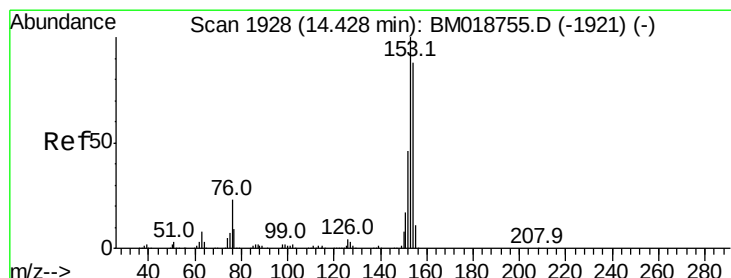
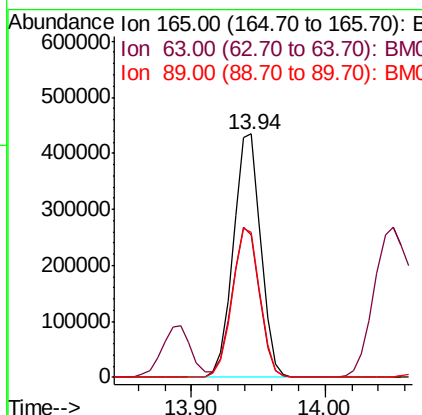
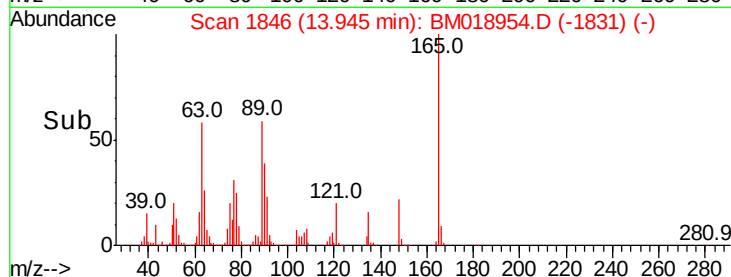
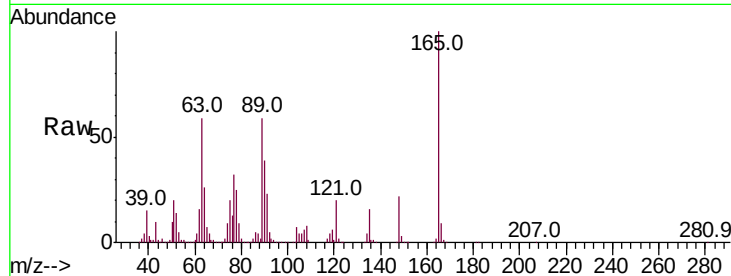
#51
2,6-Dinitrotoluene
Concen: 48.093 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	621500		
63	58.5	48.9	73.3	
89	59.4	49.4	74.0	

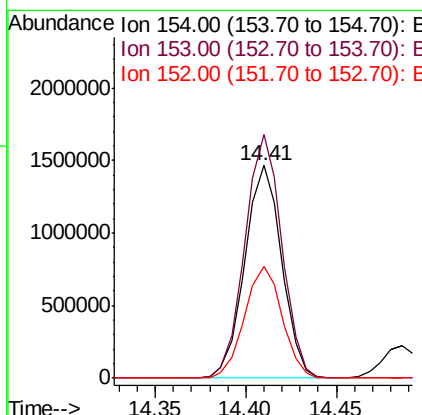
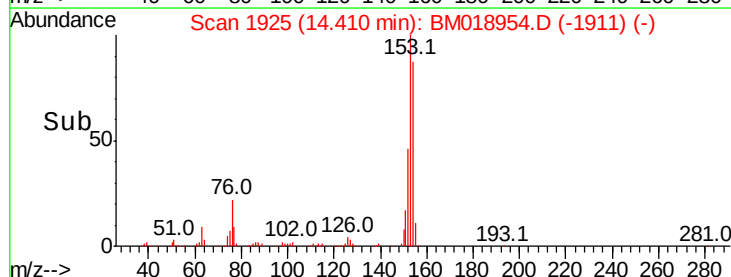
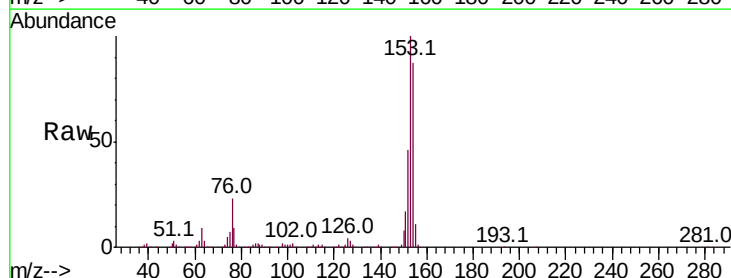
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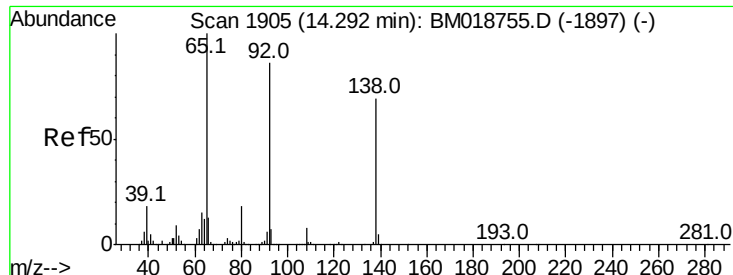
Sohil
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#52
Acenaphthene
Concen: 47.772 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2075818		
153	114.6	91.3	136.9	
152	52.9	42.2	63.4	





#53

3-Nitroaniline

Concen: 35.736 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

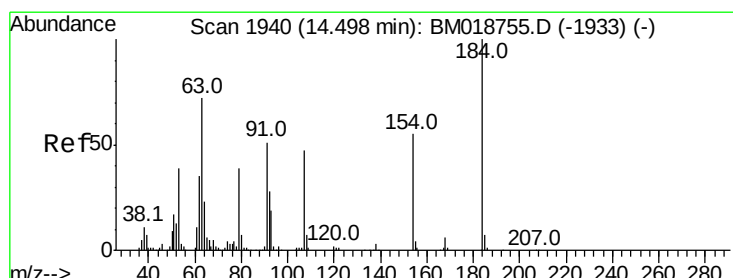
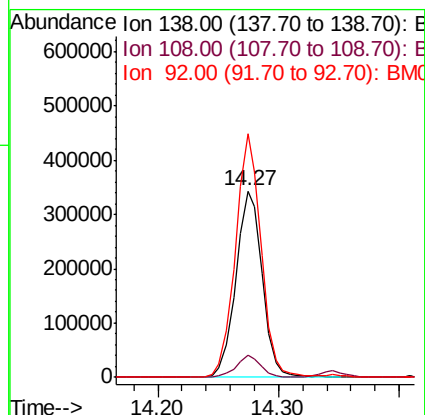
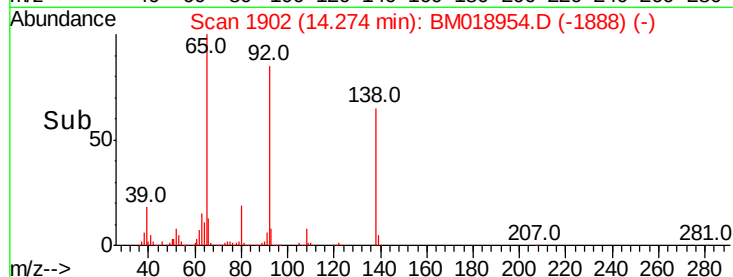
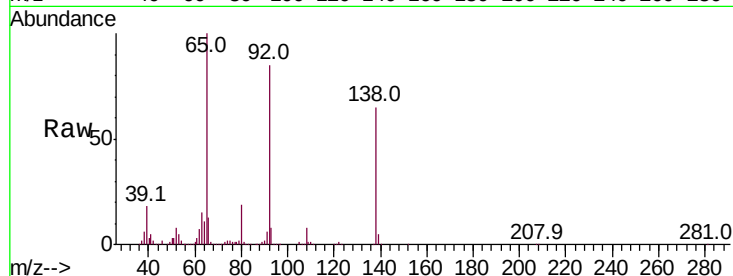
ClientSampleId :

SB-02-(5-10)MS

Tot Ion:	138	Resp:	521800
Ion Ratio	Lower	Upper	
138	100		
108	11.8	9.1	13.7
92	130.7	99.7	149.5

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#54

2,4-Dinitrophenol

Concen: 63.713 ng

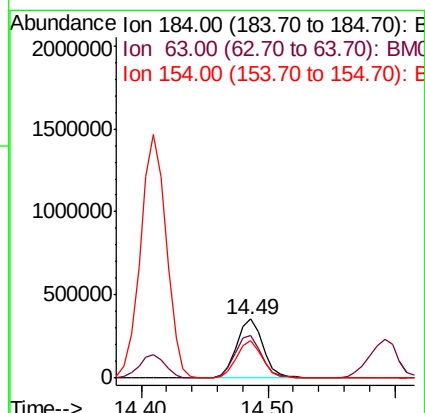
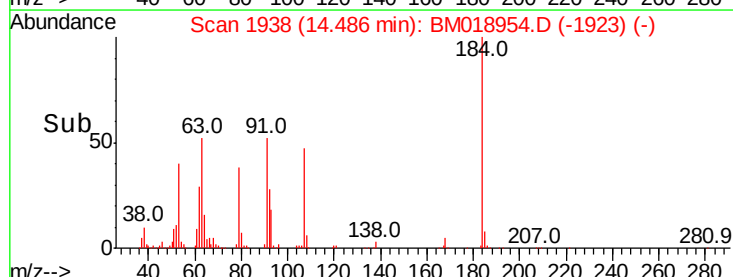
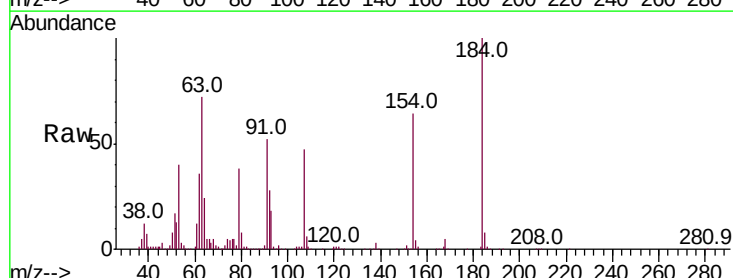
RT: 14.49 min Scan# 1938

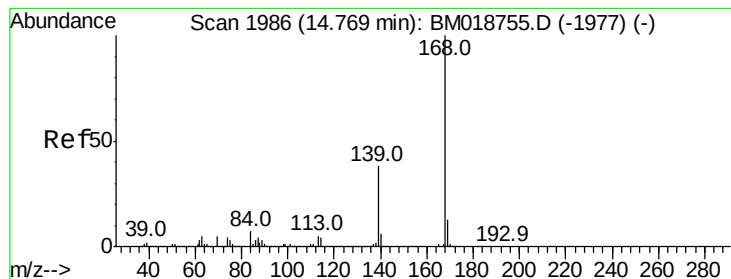
Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	184	Resp:	512078
Ion Ratio	Lower	Upper	
184	100		
63	72.0	58.0	87.0
154	64.3	50.3	75.5





#55

Dibenzofuran

Concen: 47.286 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:168 Resp: 3377200

Ion Ratio Lower Upper

168 100

139 38.5 30.7 46.1

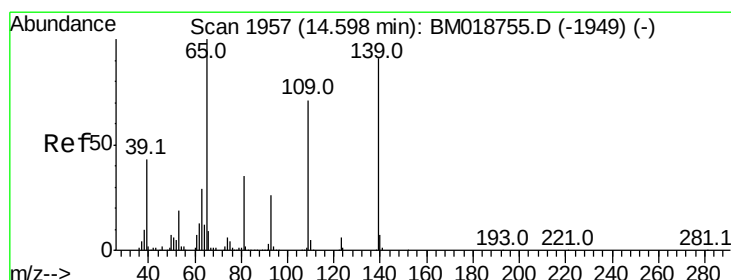
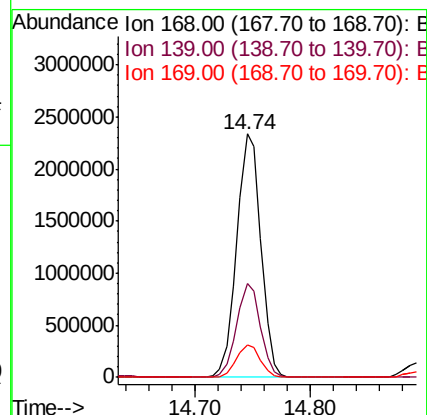
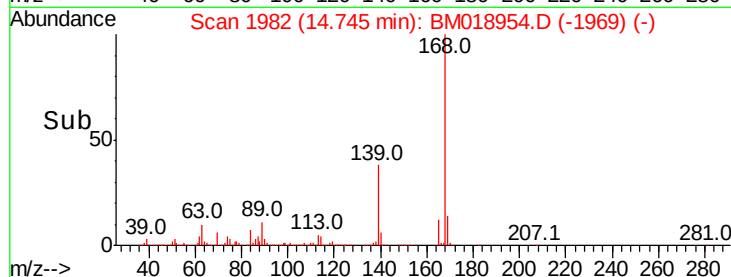
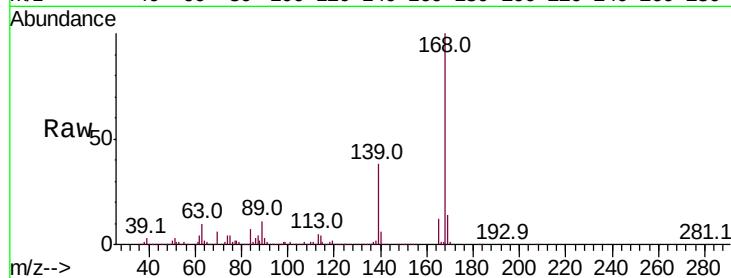
169 13.6 10.3 15.5

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#56

4-Nitrophenol

Concen: 99.360 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

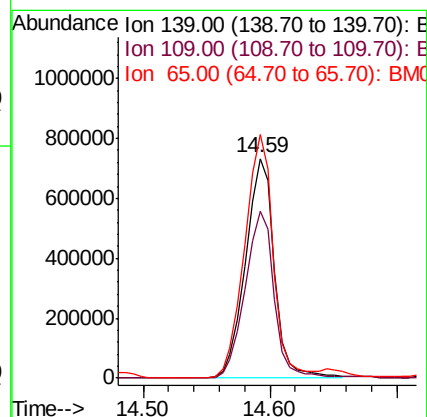
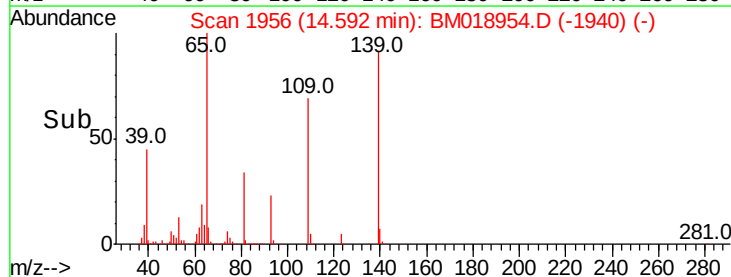
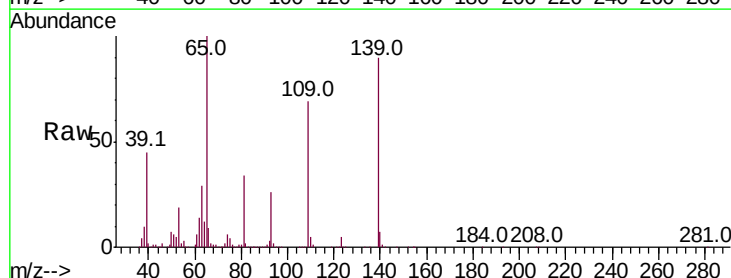
Tgt Ion:139 Resp: 1158146

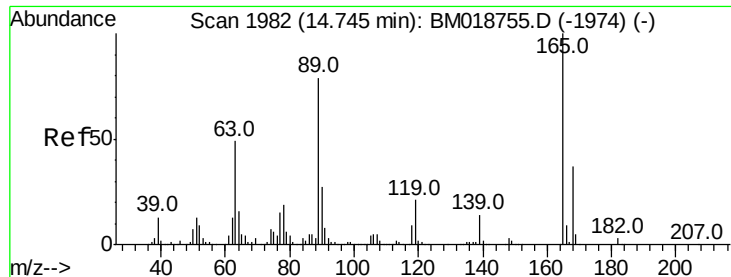
Ion Ratio Lower Upper

139 100

109 76.1 58.4 98.4

65 110.8 89.8 129.8





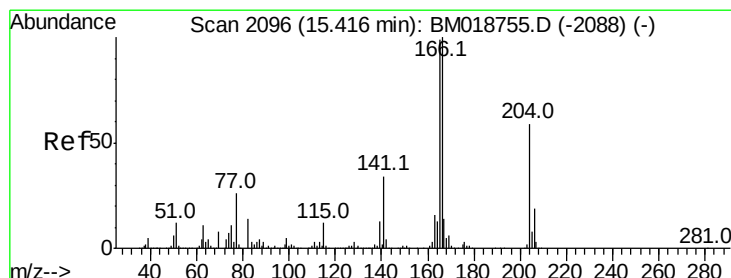
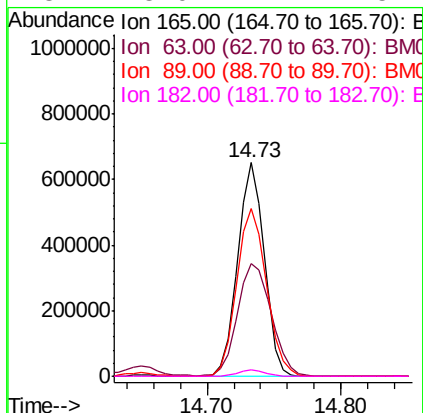
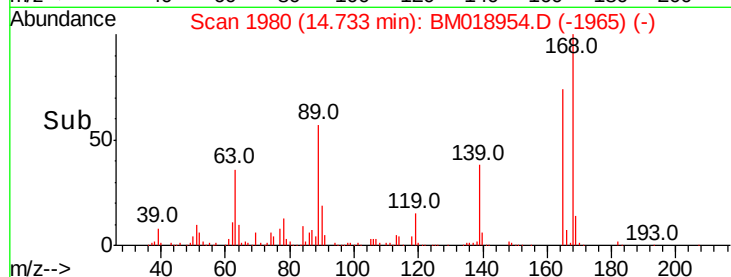
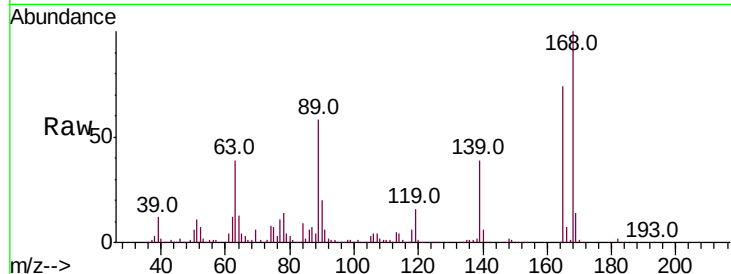
#57
2,4-Dinitrotoluene
Concen: 50.549 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampled :
SB-02-(5-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	900042		
63	52.9		39.6	59.4
89	78.2		63.5	95.3
182	3.0		2.2	3.4

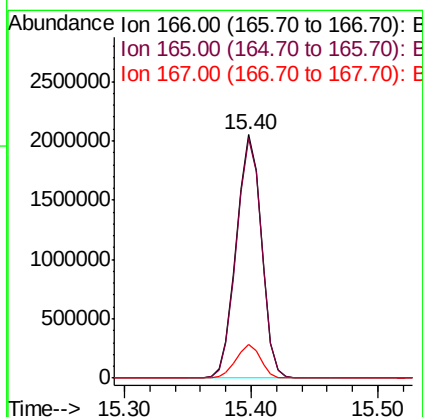
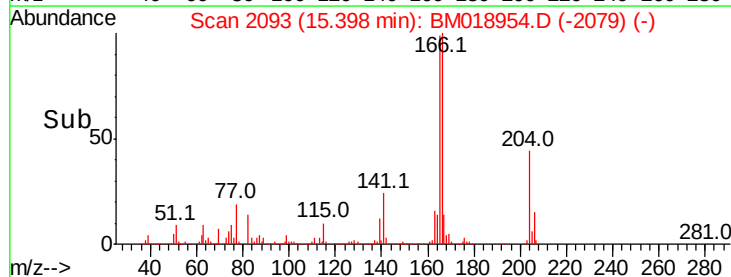
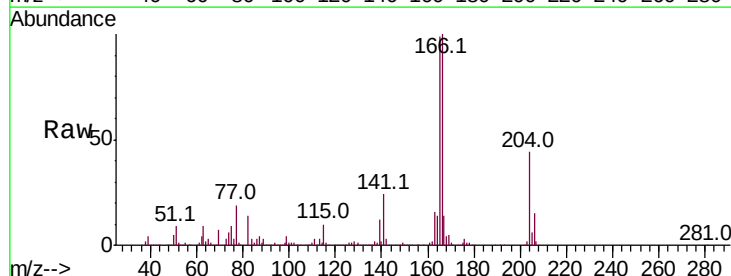
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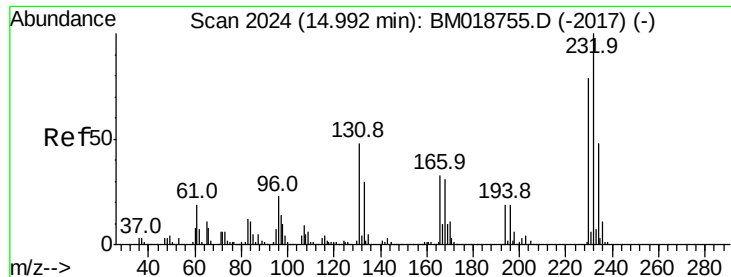
Sohil
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#58
Fluorene
Concen: 51.331 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2804700		
165	98.6		79.1	118.7
167	13.6		11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.979 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:232 Resp: 729993

Ion Ratio Lower Upper

232 100

131 48.5 38.6 57.8

130 2.6 2.0 3.0

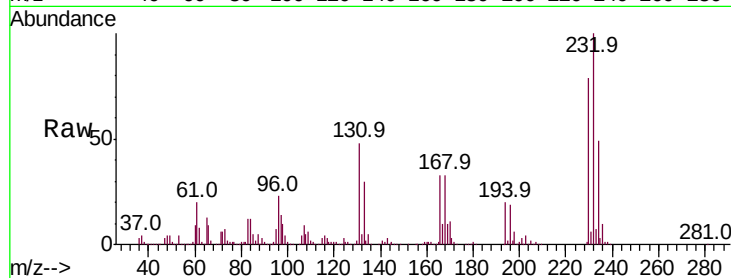
166 33.6 26.9 40.3

Manual Integrations

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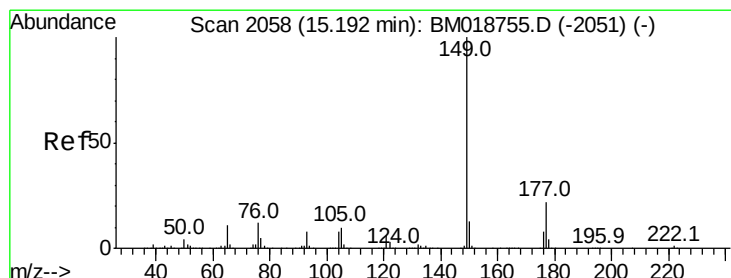
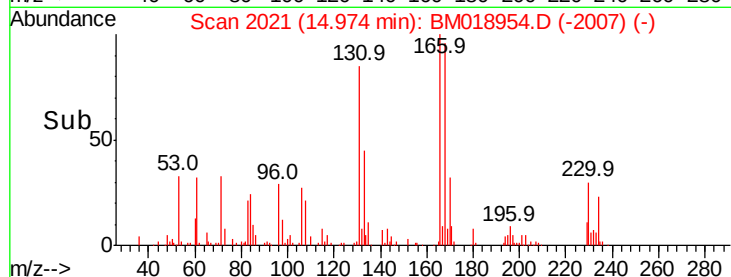
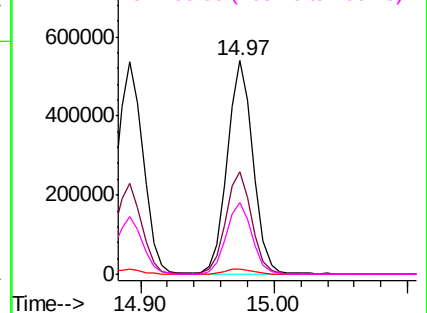
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.544 ng

RT: 15.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

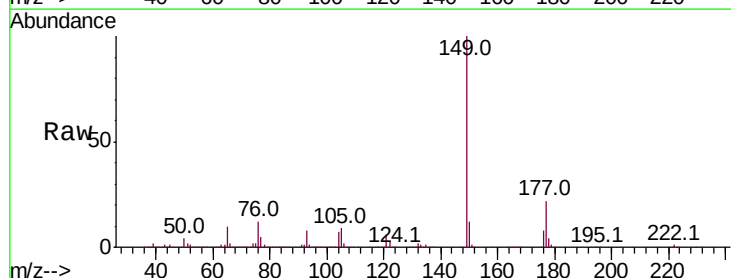
Tgt Ion:149 Resp: 2864231

Ion Ratio Lower Upper

149 100

177 21.7 17.2 25.8

150 12.3 10.2 15.2

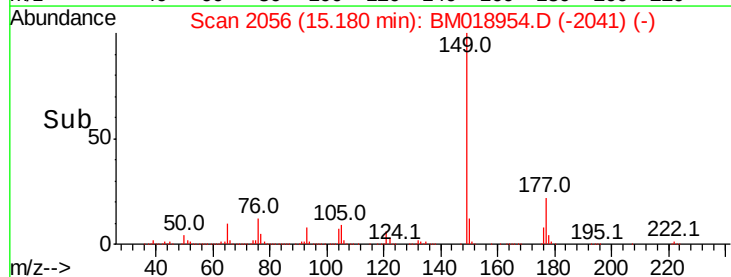
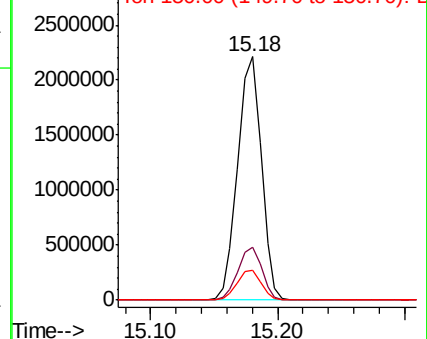


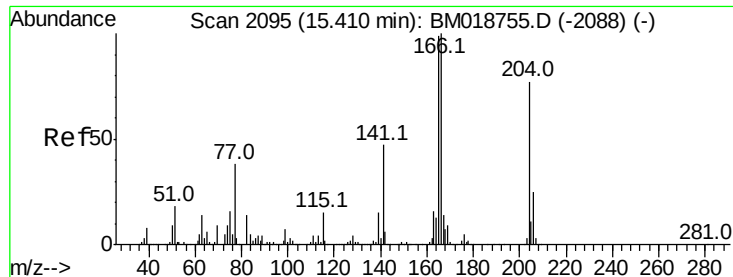
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





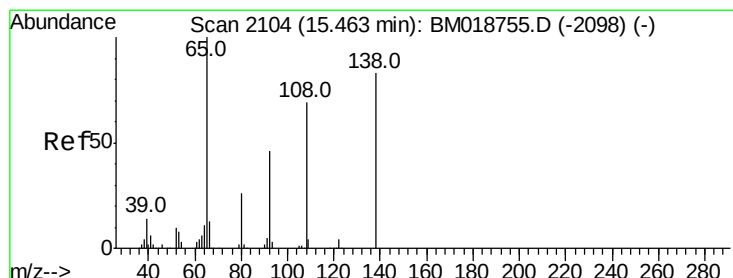
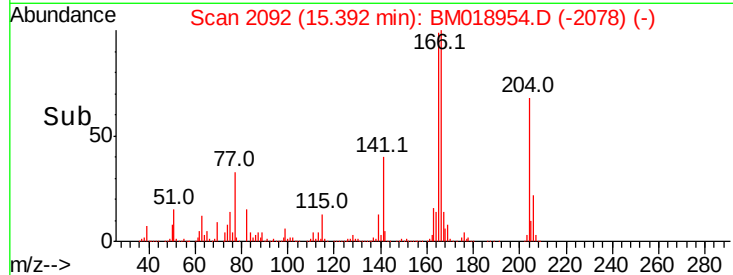
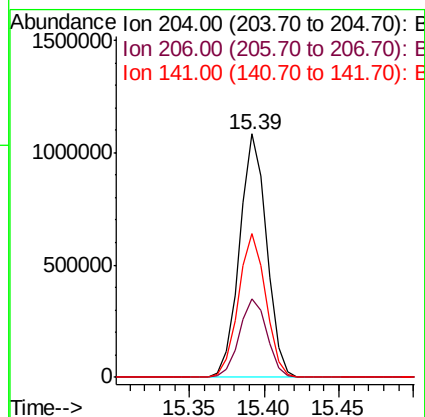
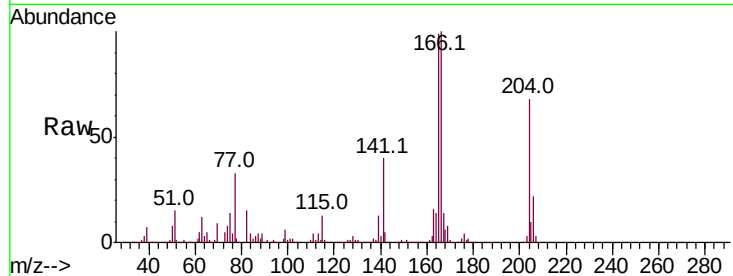
#61
 4-Chlorophenyl-phenylether
 Concen: 44.677 ng
 RT: 15.39 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)MS

Tot Ion:	204	Resp:	1368677
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	58.9	49.2	73.8

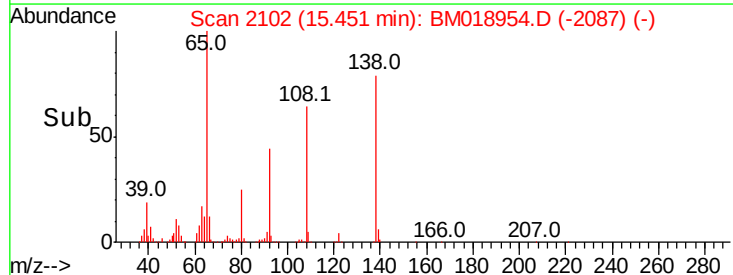
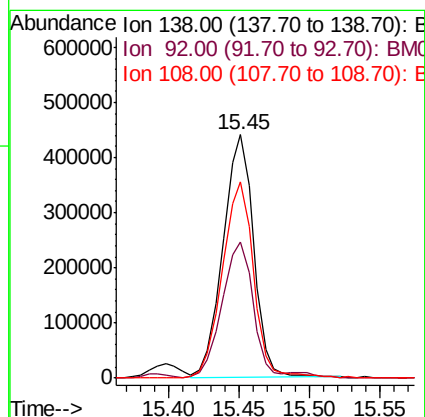
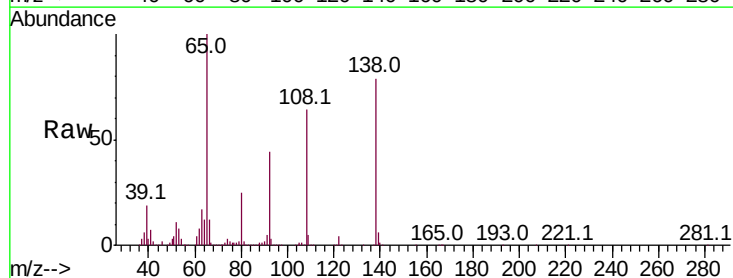
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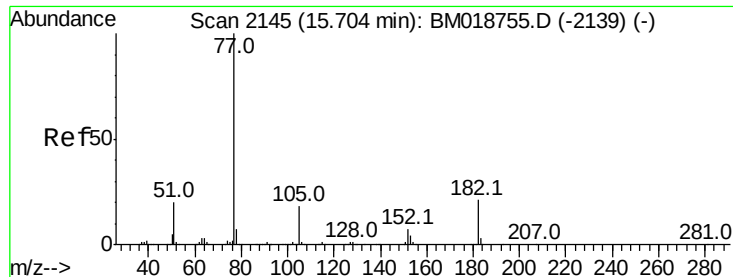
Sohil
 2/28/2019 1:33:25 PM



#62
 4-Nitroaniline
 Concen: 46.259 ng
 RT: 15.45 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Tgt Ion:	138	Resp:	662181
Ion	Ratio	Lower	Upper
138	100		
92	55.8	35.5	75.5
108	80.6	62.4	102.4





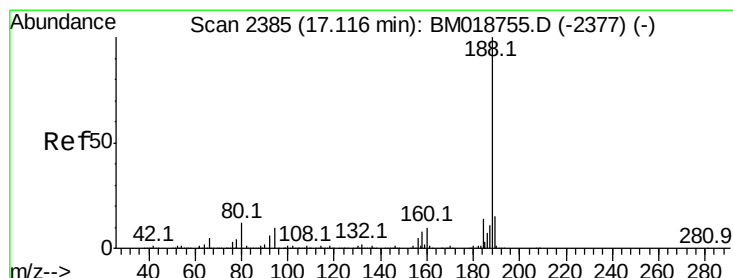
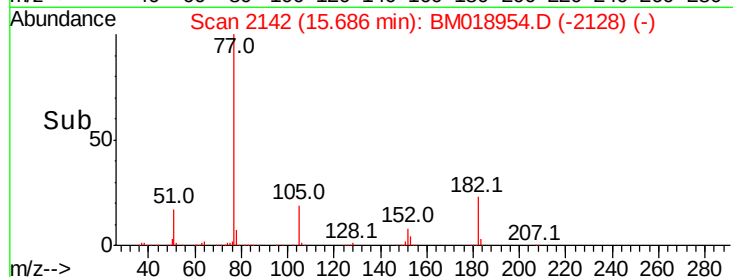
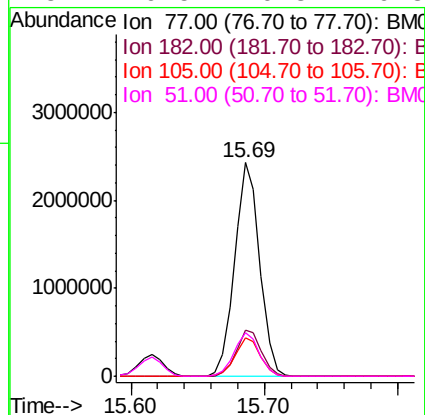
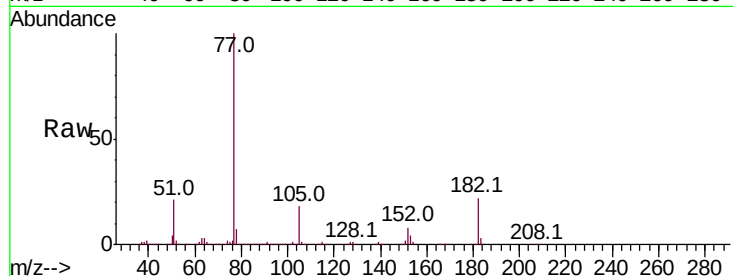
#63
Azobenzene
Concen: 47.954 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion: 77		Resp: 3164069	
Ion	Ratio	Lower	Upper
77	100		
182	21.7	1.0	41.0
105	18.1	0.0	37.7
51	20.5	0.3	40.3

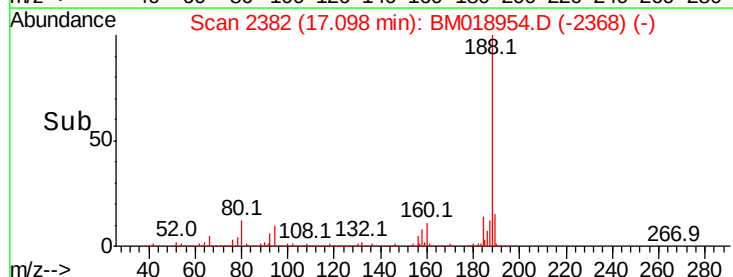
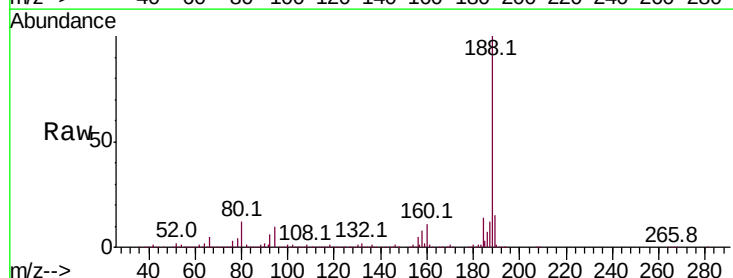
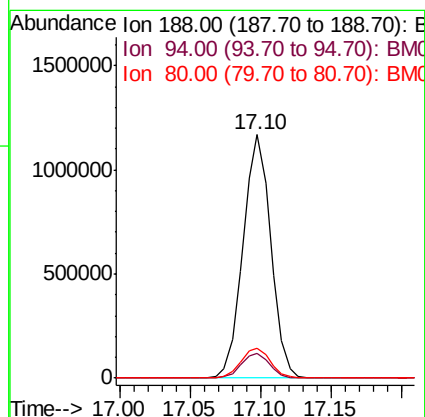
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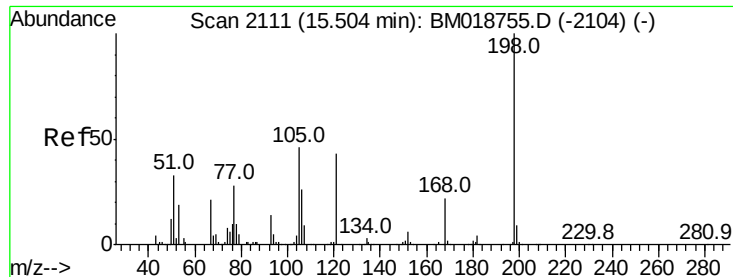
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	188	Resp: 1610074	
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	12.4	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 41.851 ng

RT: 15.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

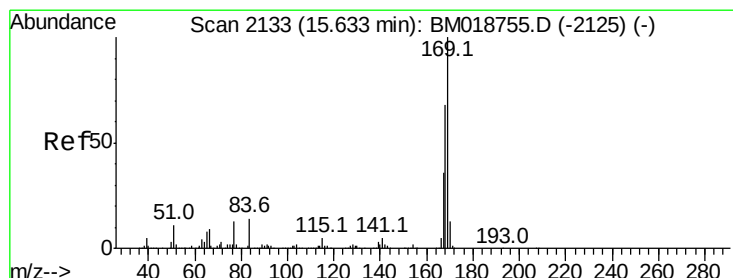
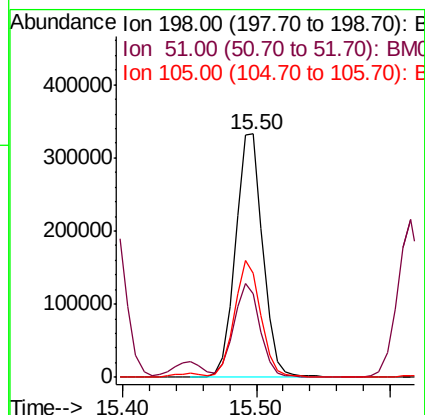
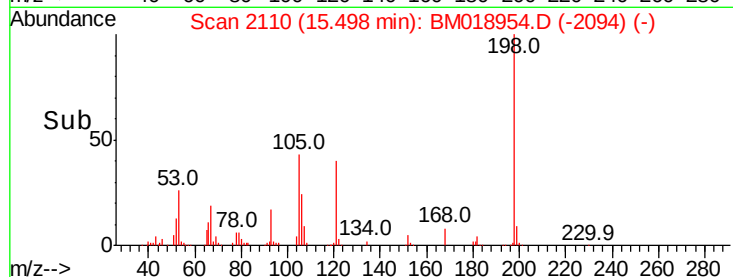
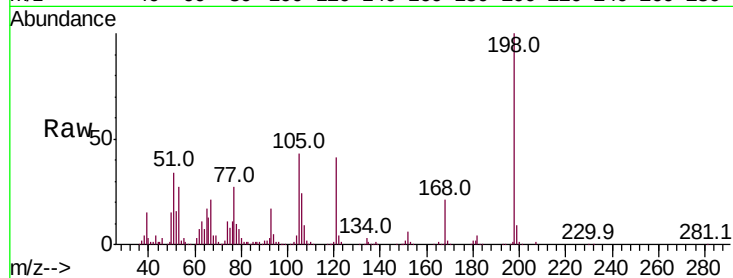
ClientSampleId :

SB-02-(5-10)MS

Tot Ion:	198	Resp:	473100
Ion Ratio	Lower	Upper	
198	100		
51	34.2	18.4	58.4
105	43.0	27.2	67.2

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 47.470 ng

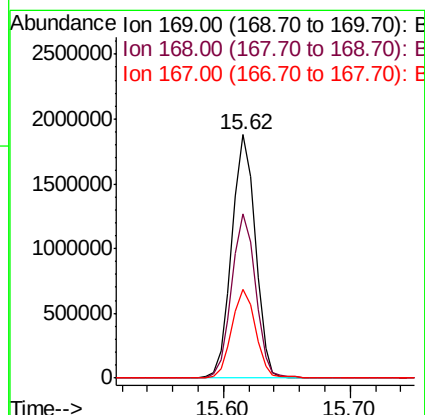
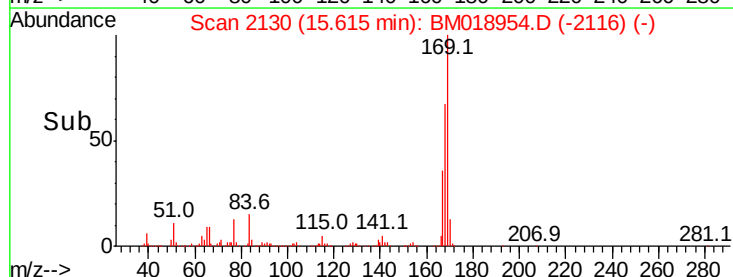
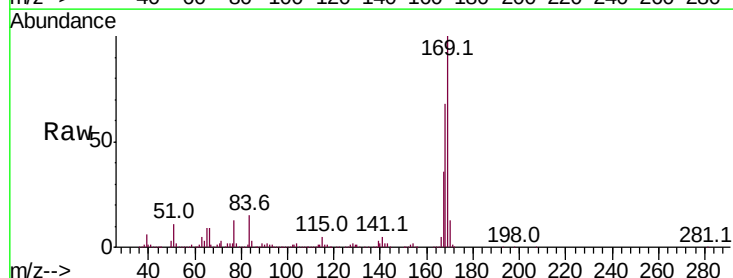
RT: 15.62 min Scan# 2130

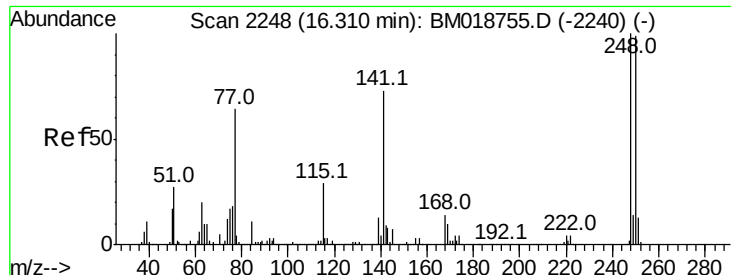
Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	169	Resp:	2414715
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.4	81.6
167	36.4	29.0	43.6





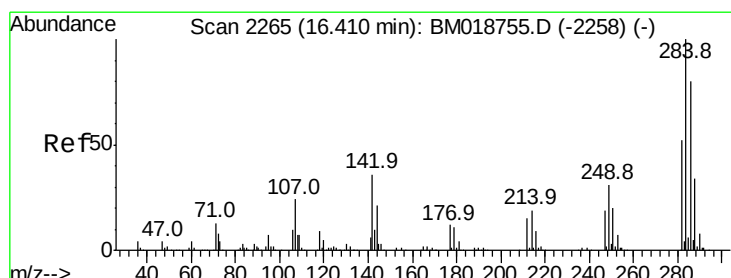
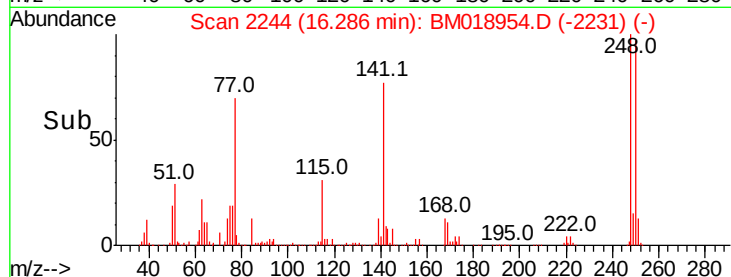
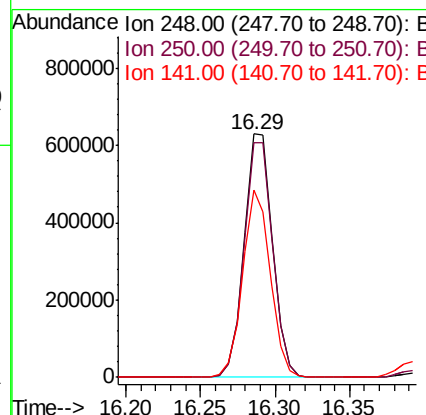
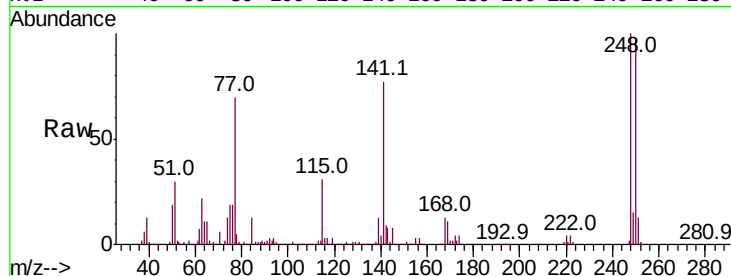
#67
4-Bromophenyl-phenylether
Concen: 46.091 ng
RT: 16.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.0	118.6
141	76.7	58.6	88.0

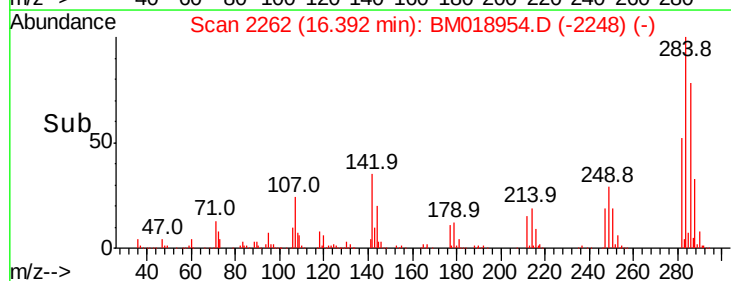
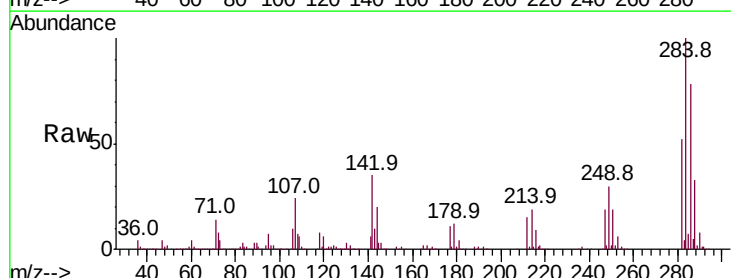
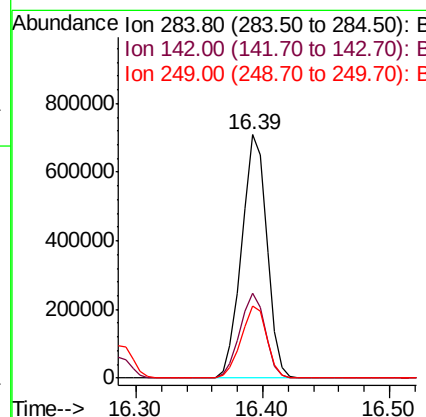
Manual Integrations
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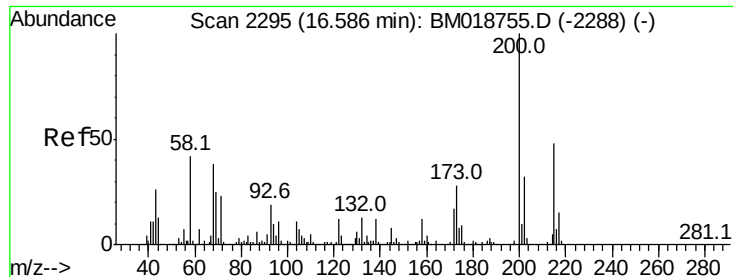
Sohil
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#68
Hexachlorobenzene
Concen: 46.522 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.9	43.3
249	29.6	24.8	37.2





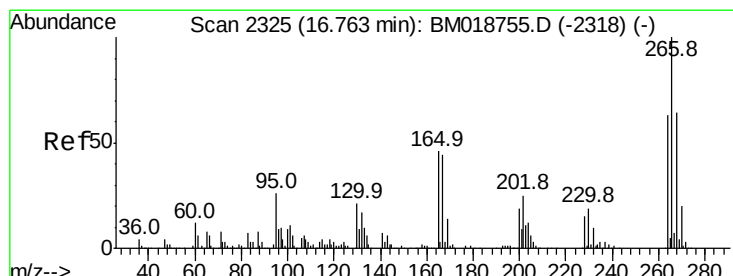
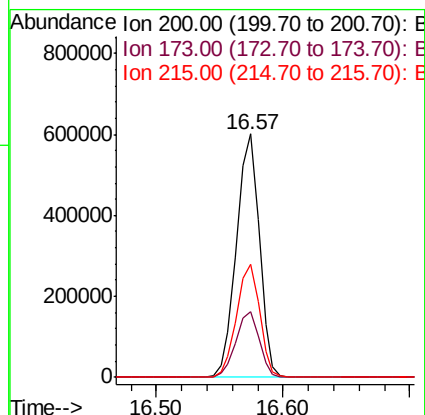
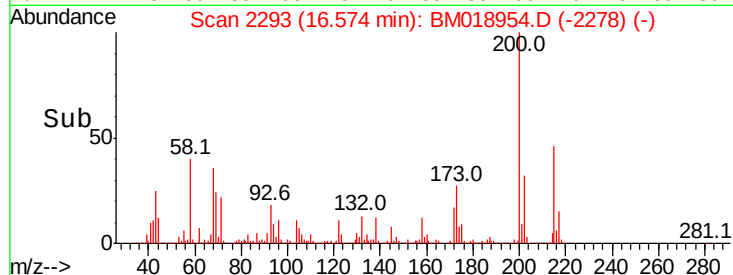
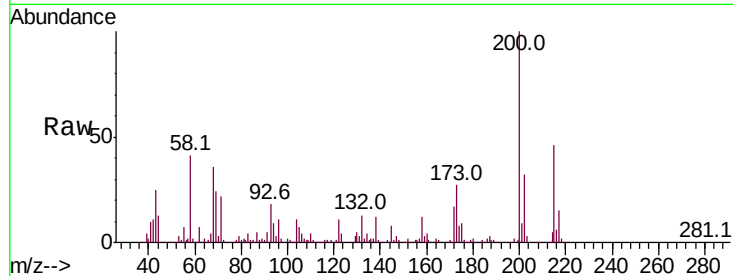
#69
 Atrazine
 Concen: 45.827 ng
 RT: 16.57 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	7.6	47.6
215	46.4	27.6	67.6

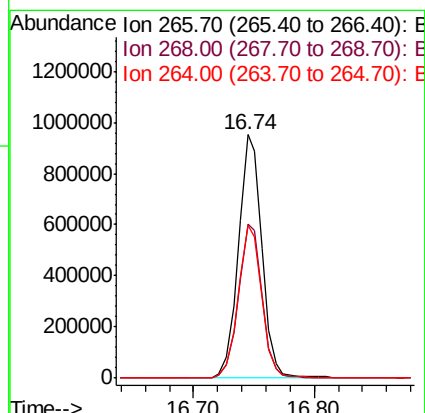
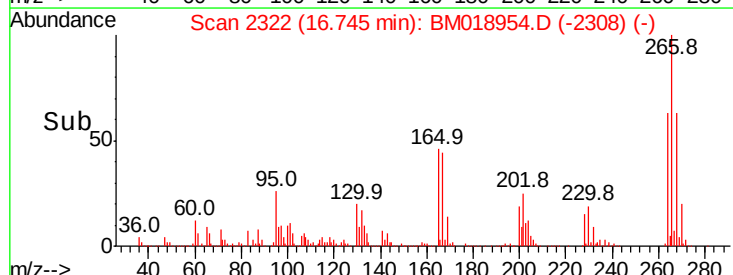
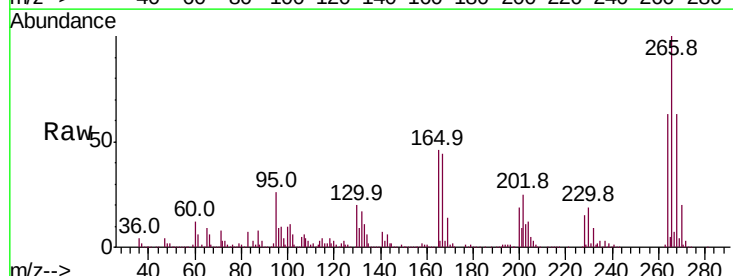
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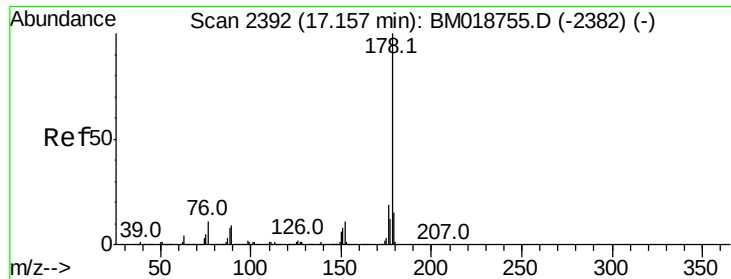
Sohil
 2/28/2019 1:33:25 PM



#70
 Pentachlorophenol
 Concen: 95.521 ng
 RT: 16.74 min Scan# 2322
 Delta R.T. -0.02 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	51.3	76.9
264	62.7	50.6	75.8





#71

Phenanthrene

Concen: 51.156 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:178 Resp: 4426393

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

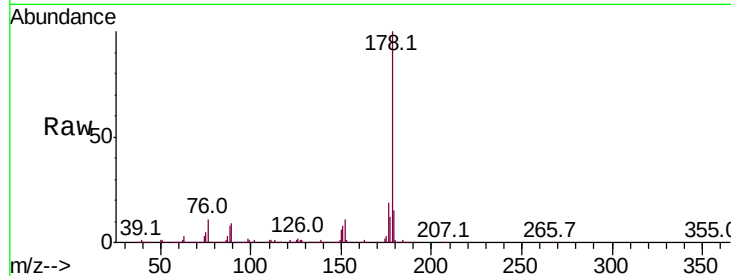
179 15.3 12.3 18.5

Manual Integrations

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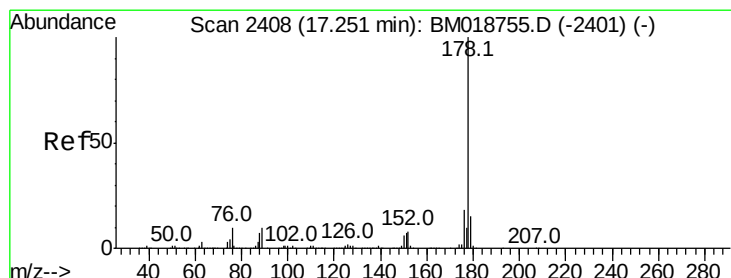
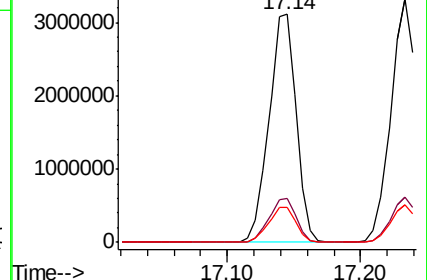
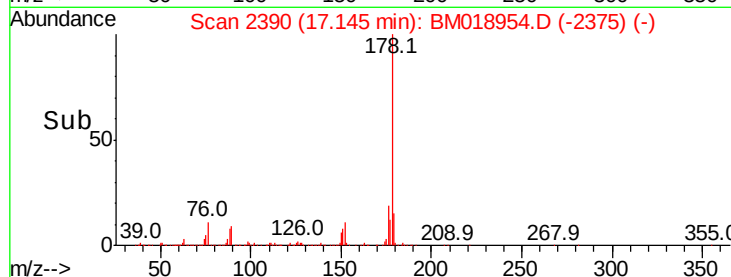
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.518 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

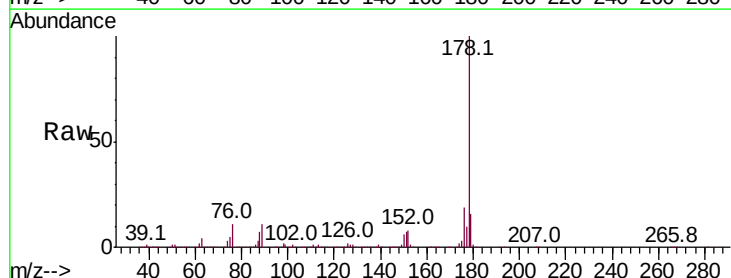
Tgt Ion:178 Resp: 4507310

Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

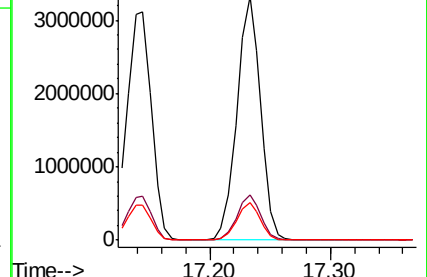
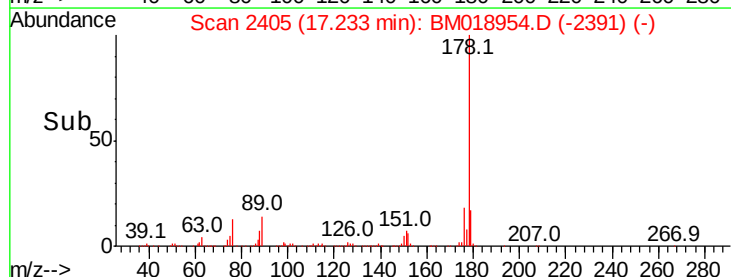
179 15.6 12.1 18.1

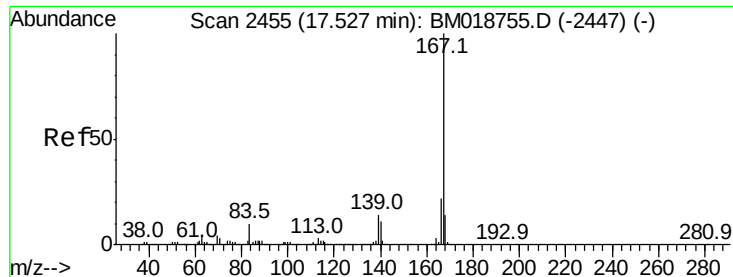


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





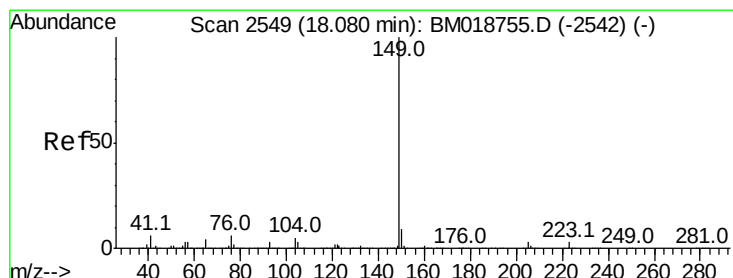
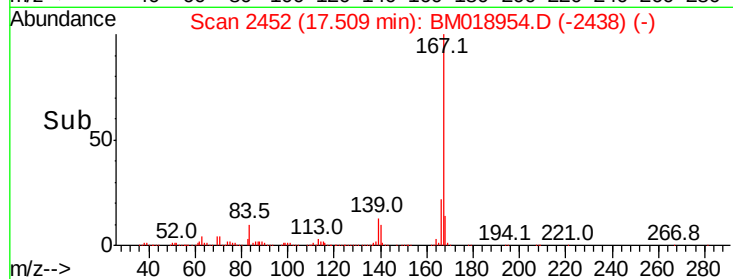
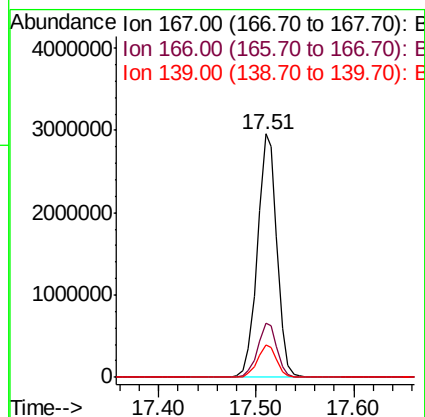
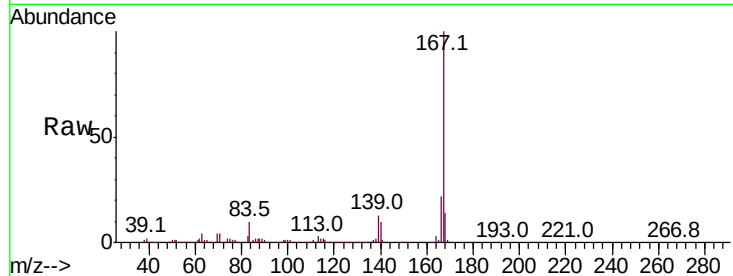
#73
 Carbazole
 Concen: 47.208 ng
 RT: 17.51 min Scan# 2452
 Delta R.T. -0.02 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.3	10.9	16.3

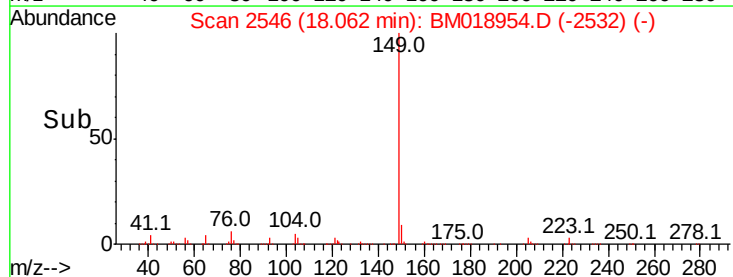
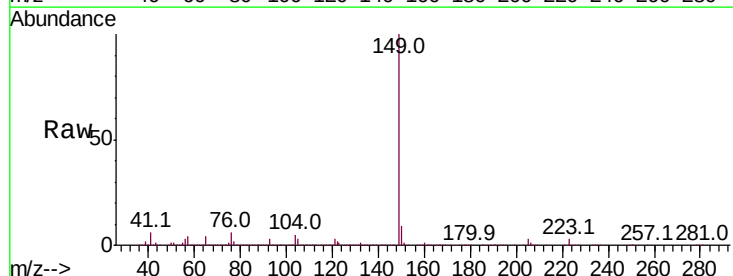
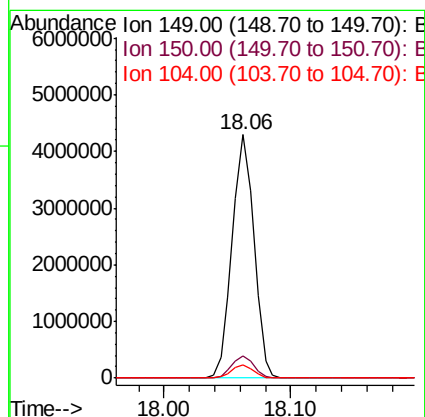
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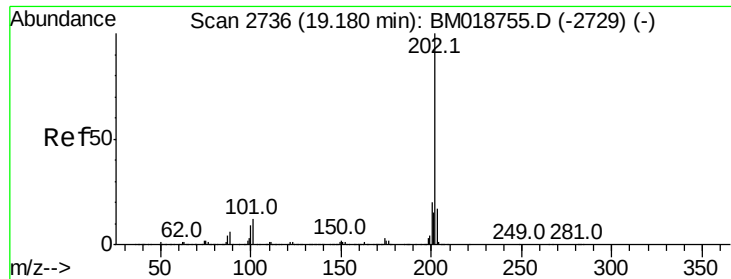
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 2/28/2019 1:33:25 PM



#74
 Di-n-butylphthalate
 Concen: 50.544 ng
 RT: 18.06 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 53.158 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

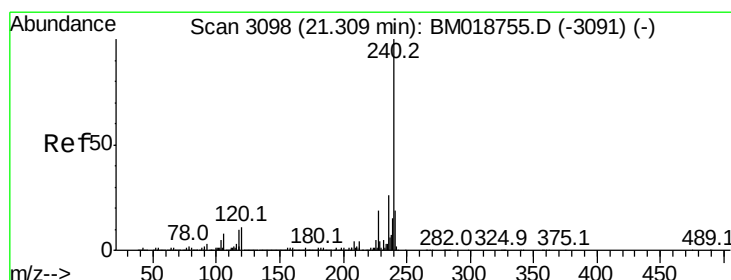
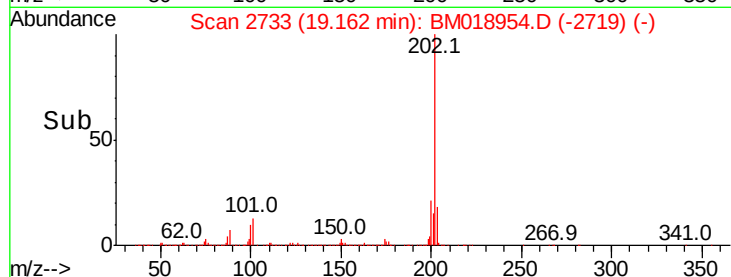
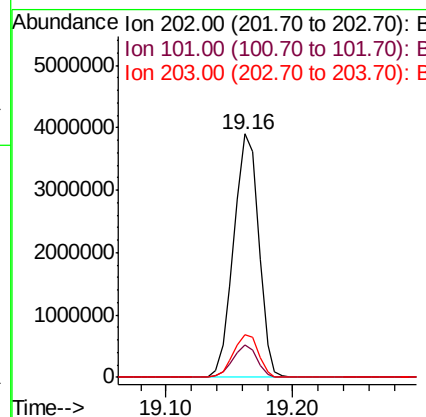
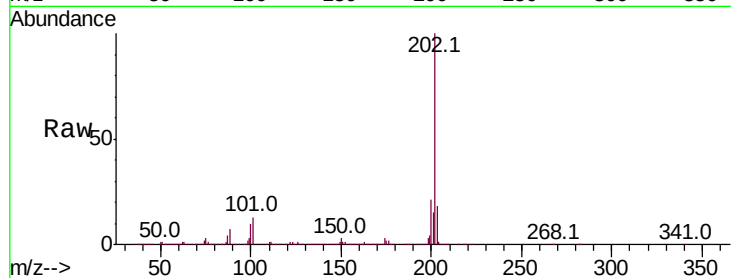
ClientSampled :

SB-02-(5-10)MS

Tot Ion:	202	Resp:	5313173
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	31.5
203	17.6	0.0	37.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

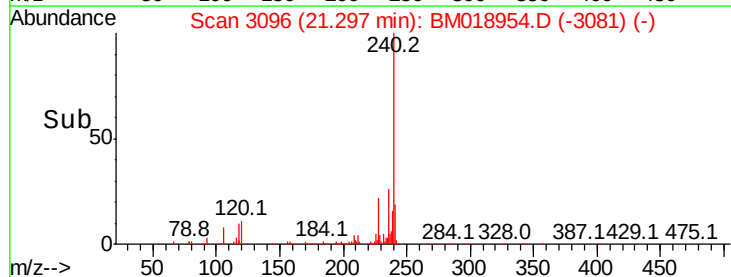
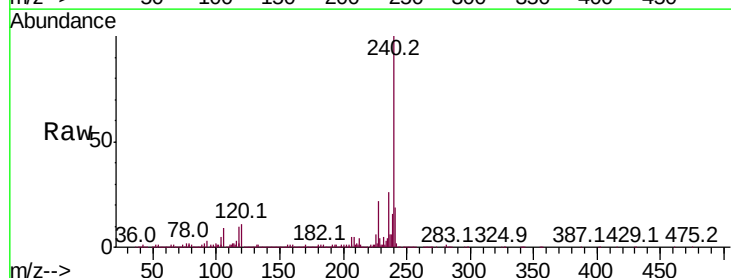
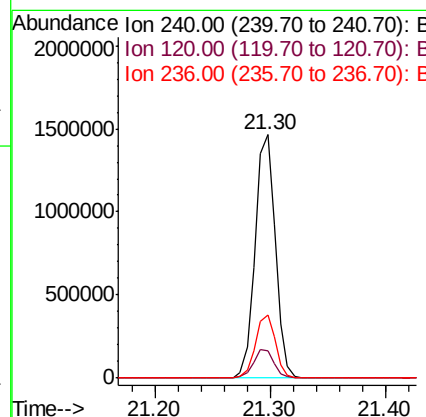
RT: 21.30 min Scan# 3096

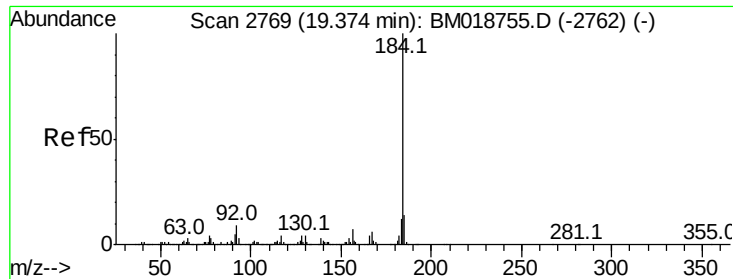
Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	240	Resp:	1785392
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.9	13.3
236	26.0	20.9	31.3





#77

Benzidine

Concen: 78.217 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:184 Resp: 3145087

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	12.3	9.7	14.5

184 100

185 13.9 11.2 16.8

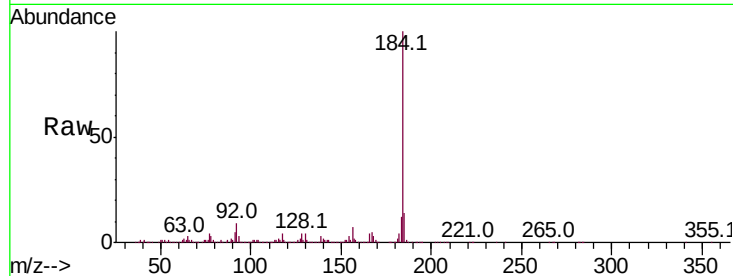
183 12.3 9.7 14.5

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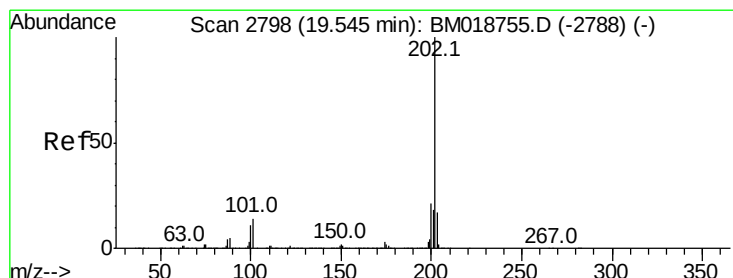
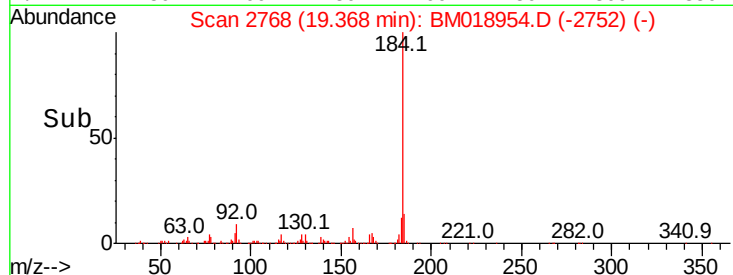
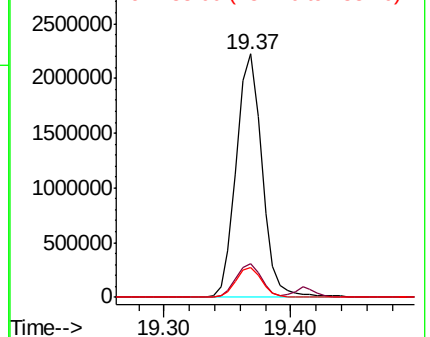


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.337 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

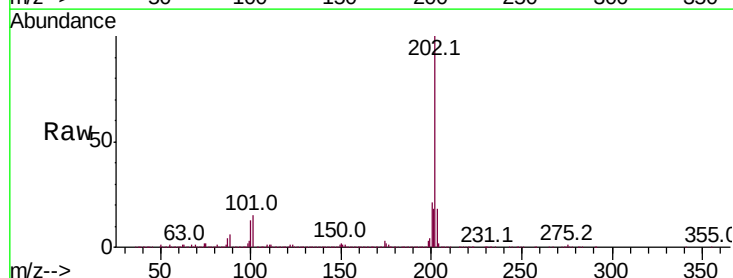
Tgt Ion:202 Resp: 5426971

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.9	13.8	20.8

202 100

200 21.1 16.9 25.3

203 17.9 13.8 20.8

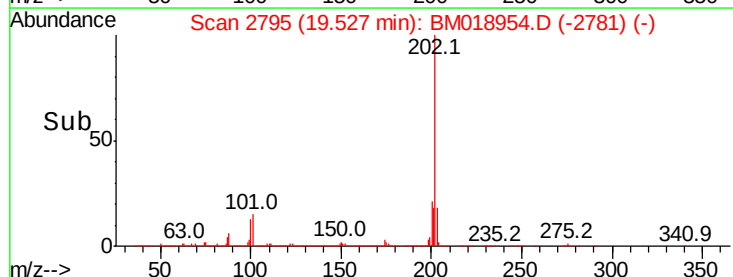
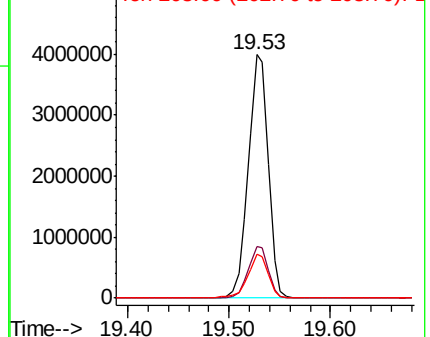


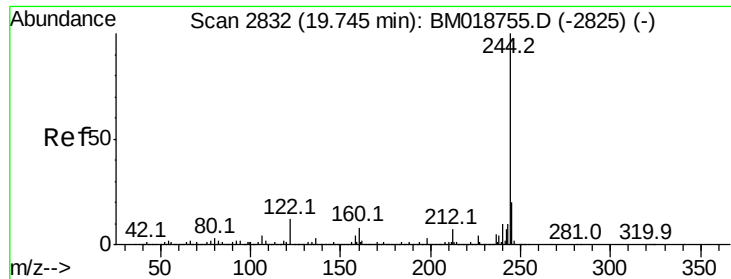
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





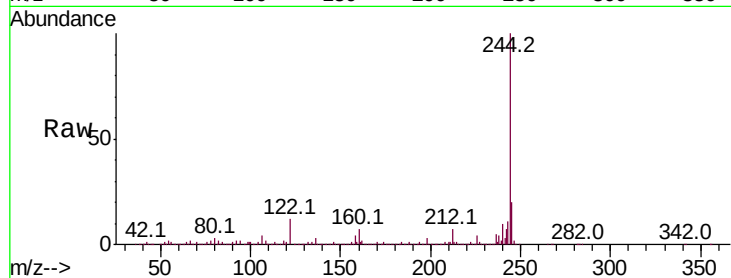
#79
 Terphenyl-d14
 Concen: 82.373 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.6	9.3	13.9

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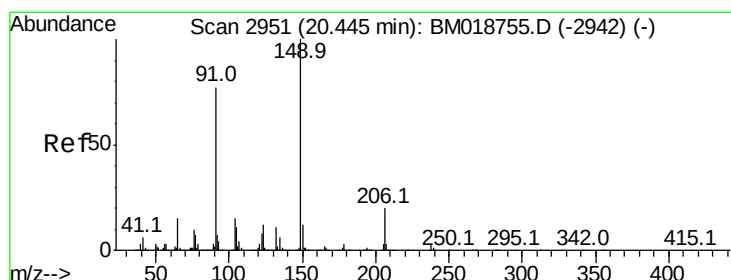
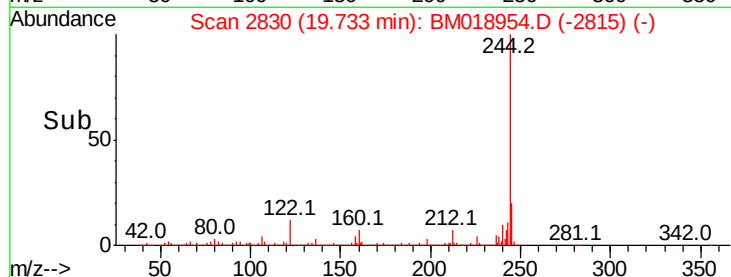
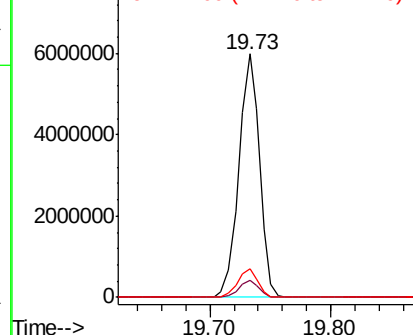


Abundance

Ion 244.00 (243.70 to 244.70): E

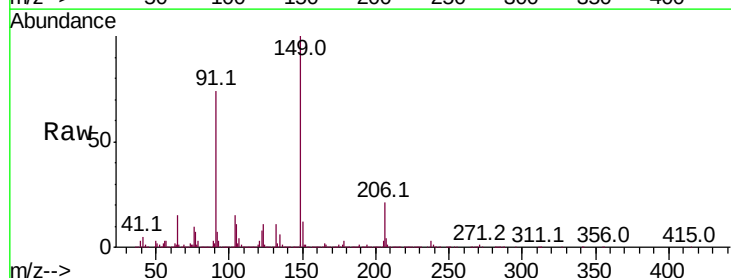
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 55.898 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BM018954.D
 Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	61.4	92.0
206	20.9	15.8	23.8

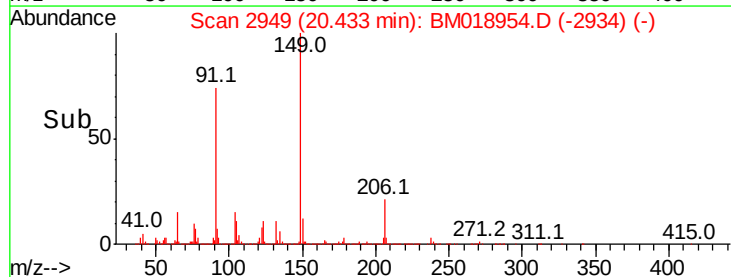
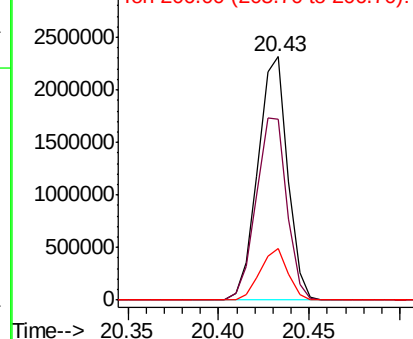


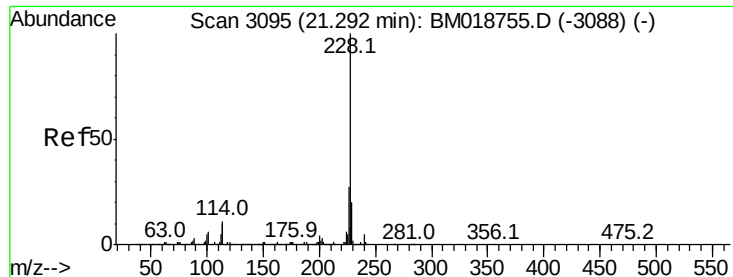
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.212 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:228 Resp: 5329875

Ion Ratio Lower Upper

228 100

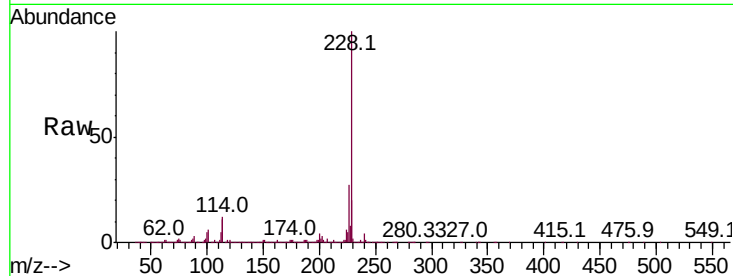
226 27.4 21.9 32.9

229 20.1 15.9 23.9

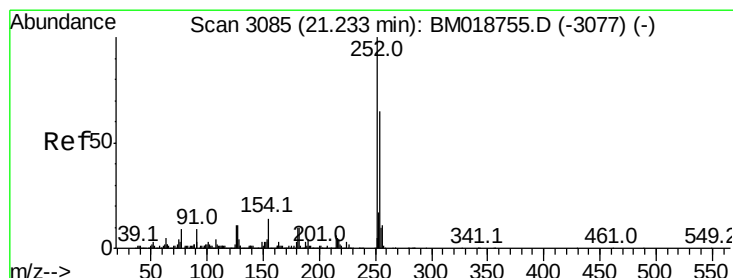
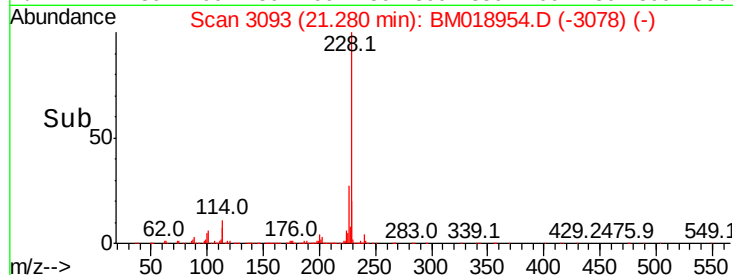
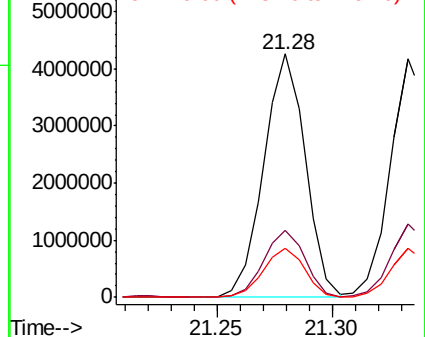
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.323 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

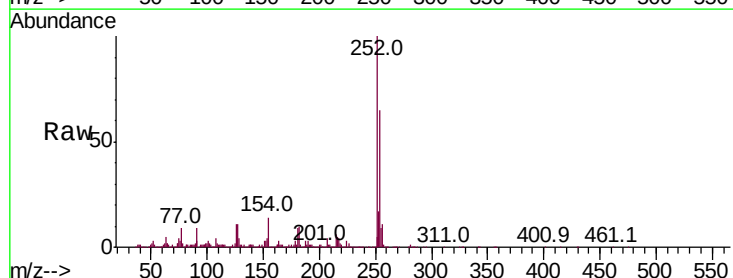
Tgt Ion:252 Resp: 1864199

Ion Ratio Lower Upper

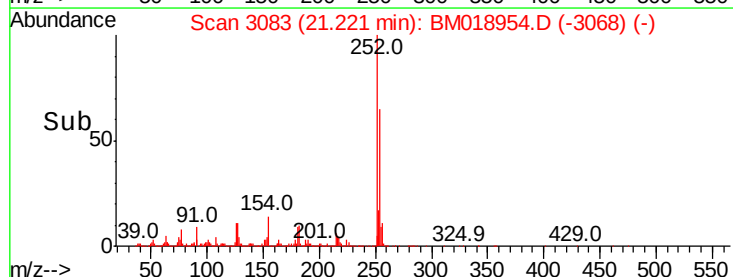
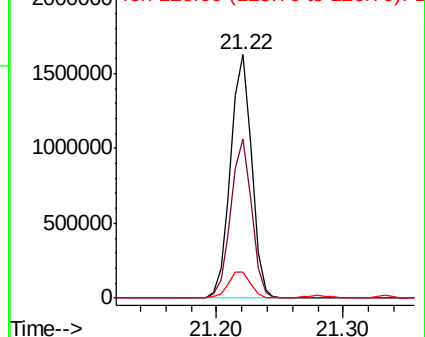
252 100

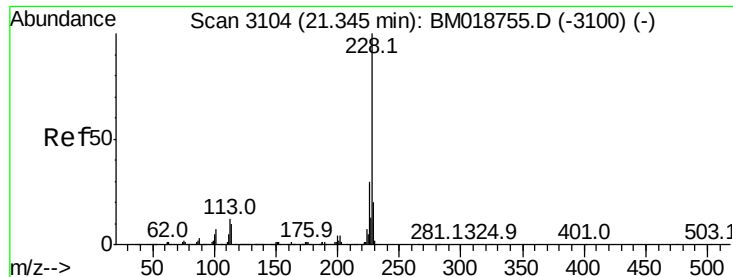
254 65.1 51.8 77.8

126 10.9 9.1 13.7



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





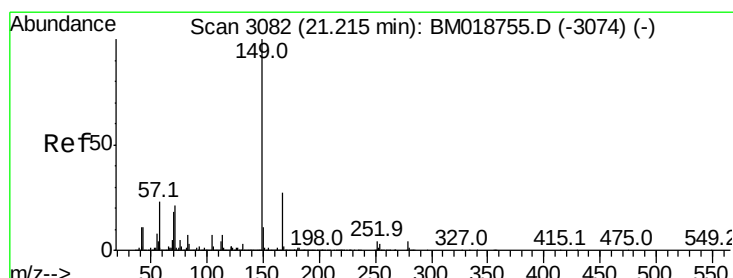
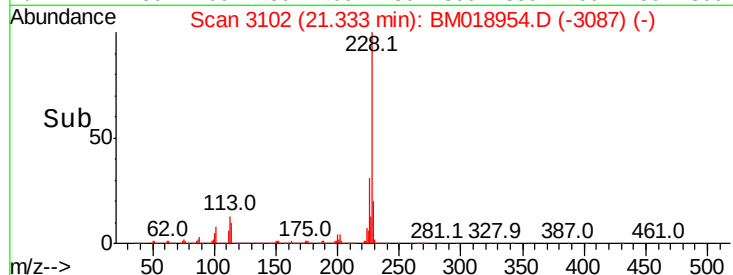
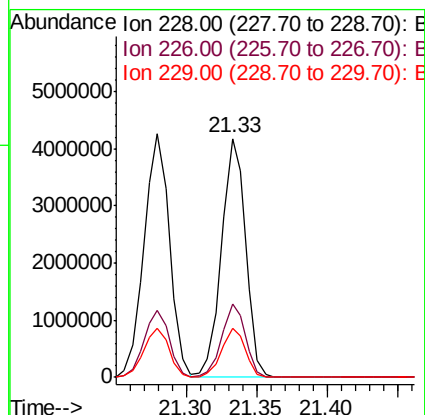
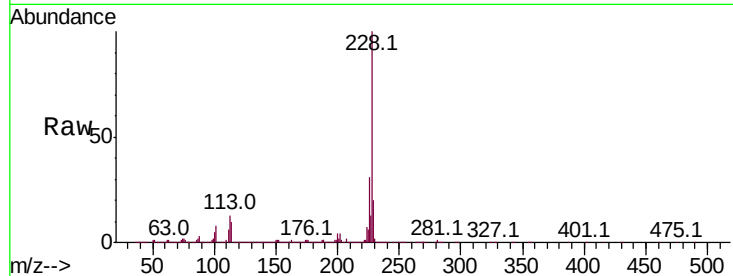
#83
Chrysene
Concen: 49.543 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion:228 Resp: 4942074
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.3 16.0 24.0

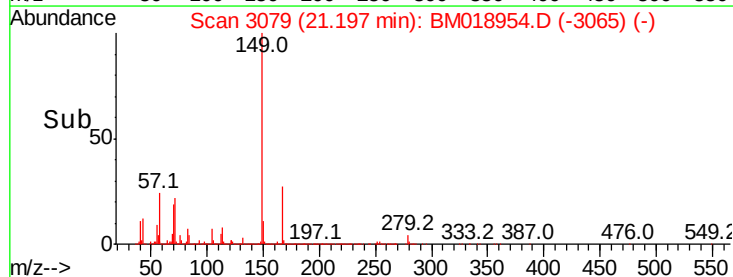
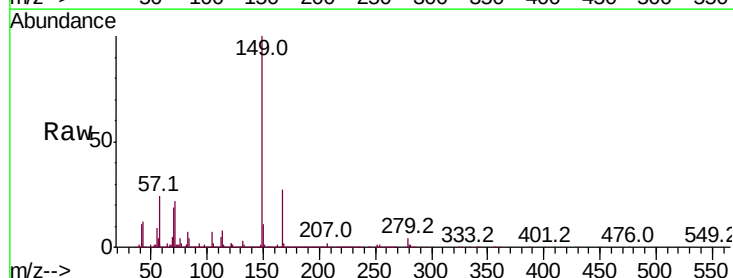
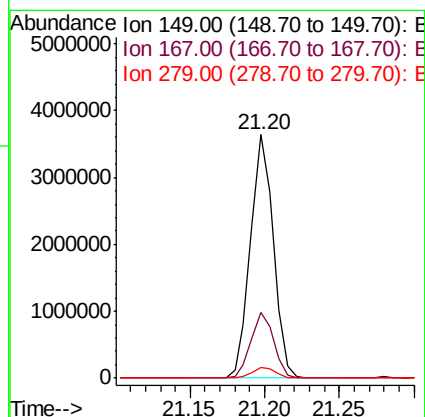
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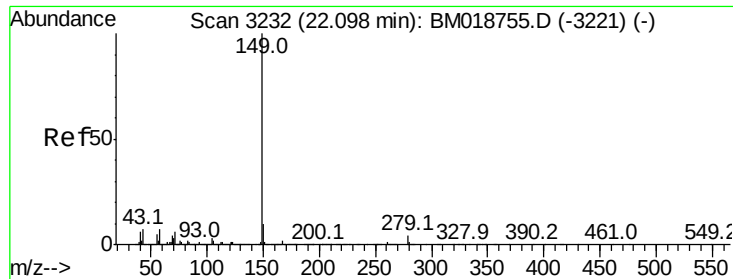
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#84
Bis(2-ethylhexyl)phthalate
Concen: 55.561 ng
RT: 21.20 min Scan# 3079
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion:149 Resp: 3842930
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.6
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 56.230 ng

RT: 22.08 min Scan# 3229

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

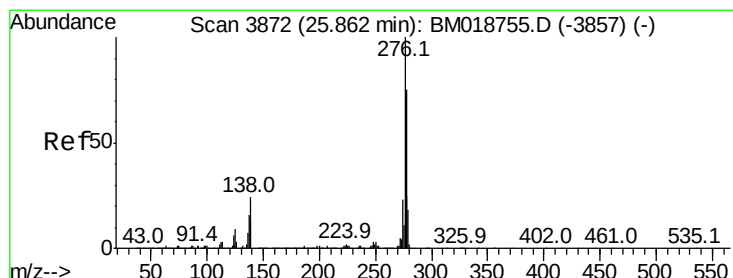
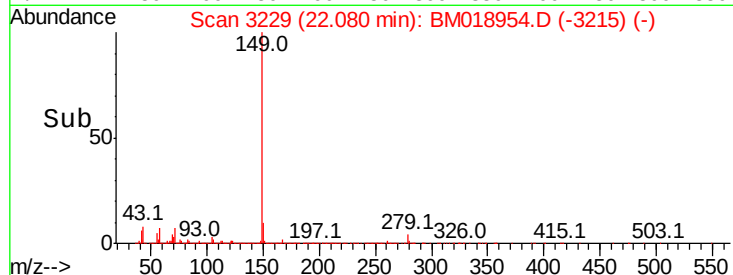
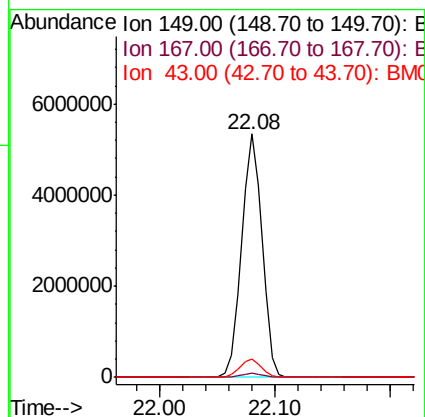
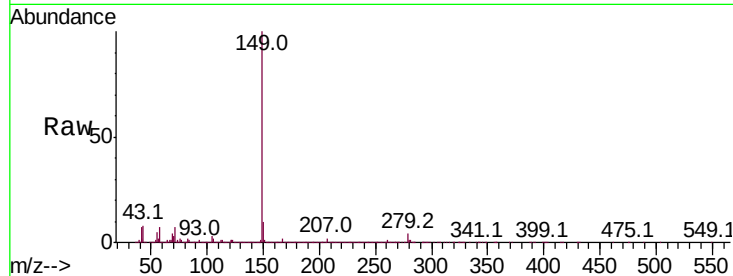
ClientSampleId :

SB-02-(5-10)MS

Tot Ion:	149	Resp:	6536687
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.778 ng

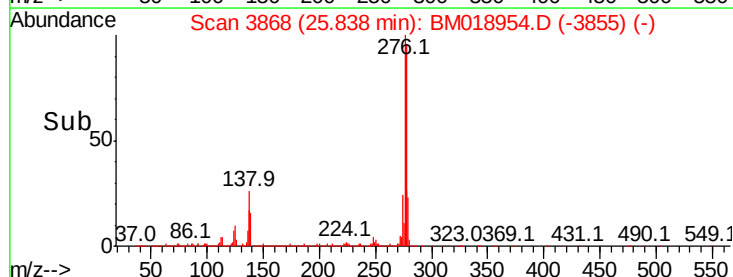
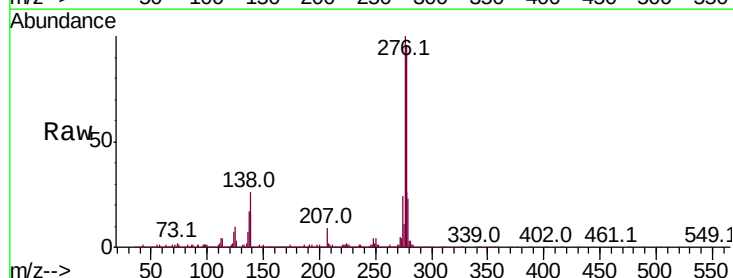
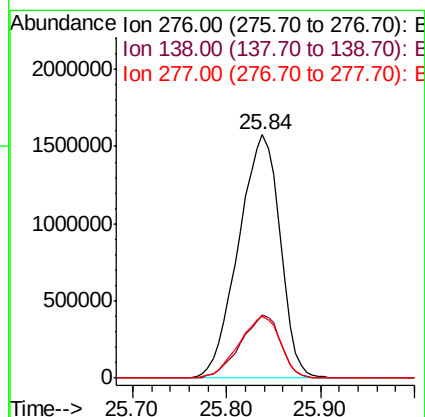
RT: 25.84 min Scan# 3868

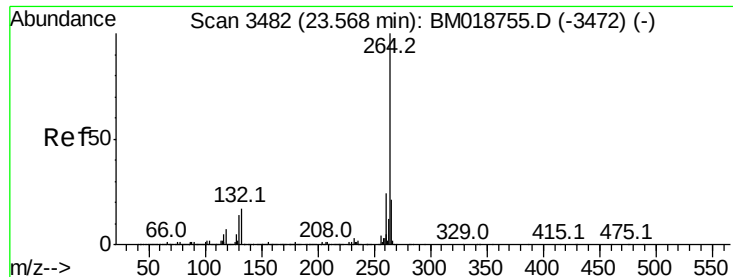
Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:	276	Resp:	4811587
Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)MS

Tot Ion:264 Resp: 1546666

Ion Ratio Lower Upper

264 100

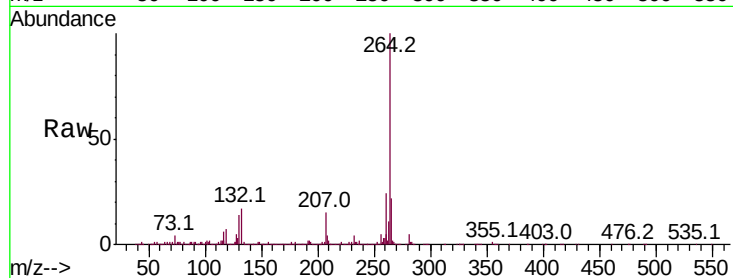
260 23.8 18.9 28.3

265 22.1 17.3 25.9

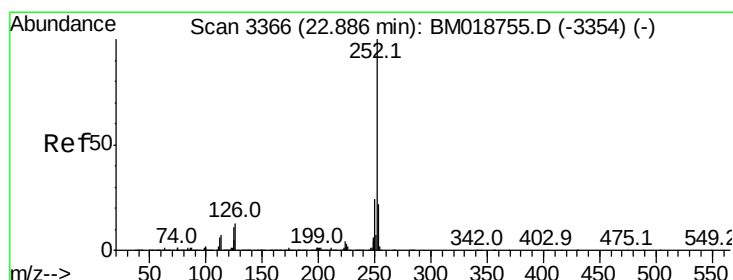
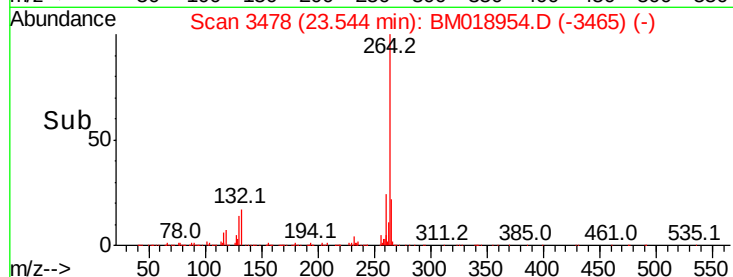
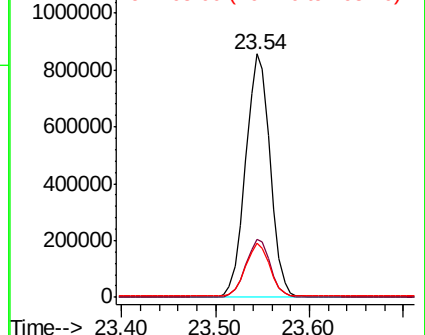
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.995 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

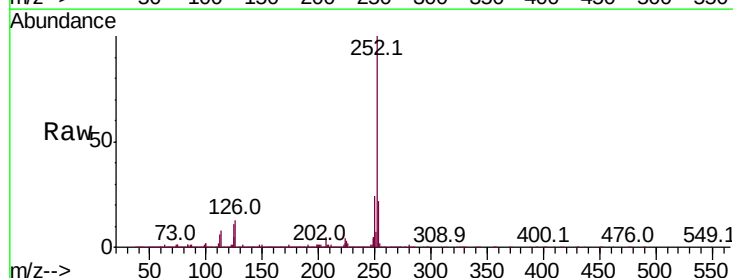
Tgt Ion:252 Resp: 4866513

Ion Ratio Lower Upper

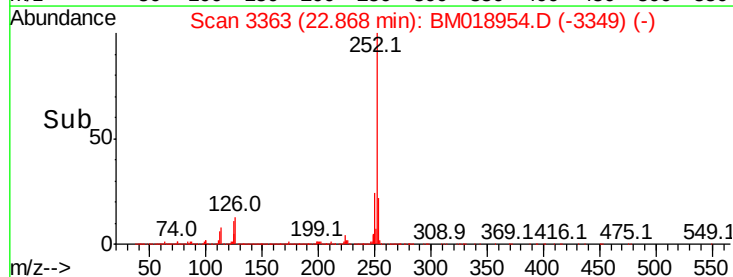
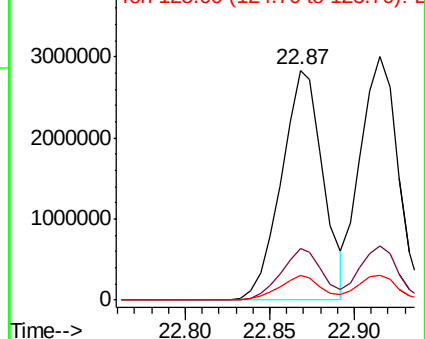
252 100

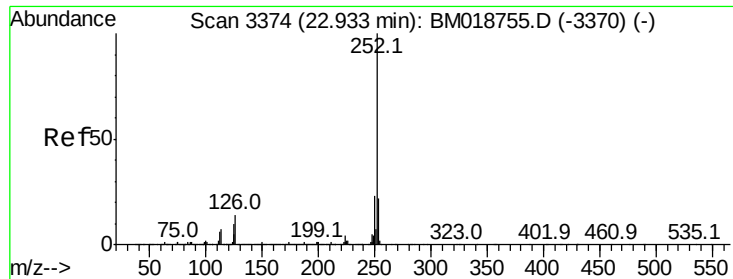
253 22.3 17.8 26.6

125 10.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.965 ng

RT: 22.91 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Instrument :

BNA_M

ClientSampleId :

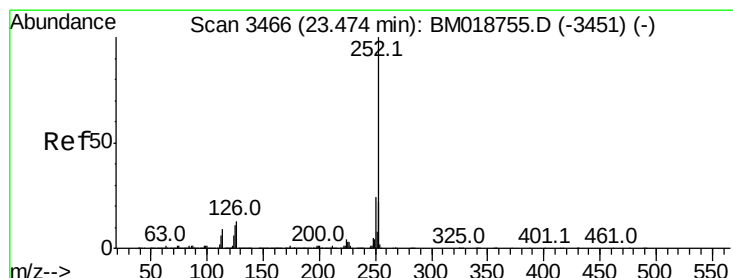
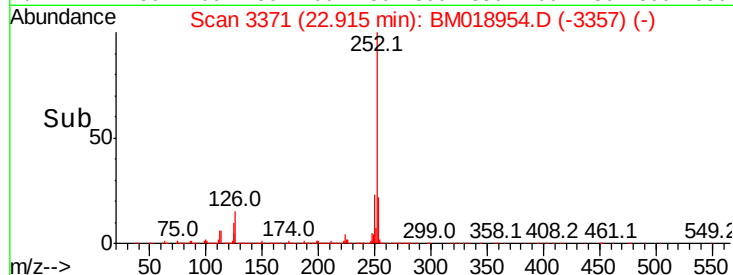
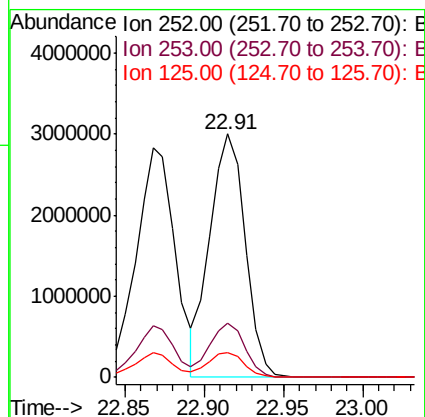
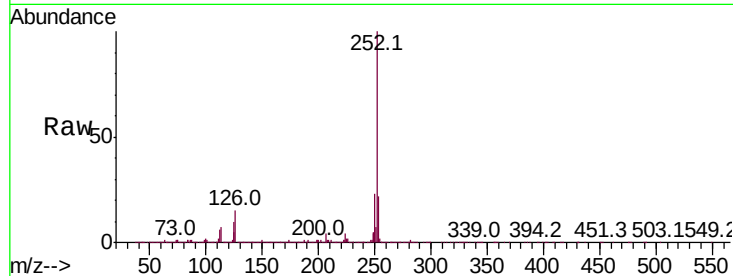
SB-02-(5-10)MS

Tot Ion:252 Resp: 4666102

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.4	8.2	12.4

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#90

Benzo(a)pyrene

Concen: 53.249 ng

RT: 23.45 min Scan# 3462

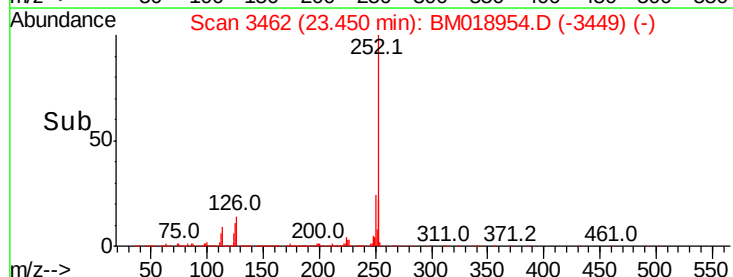
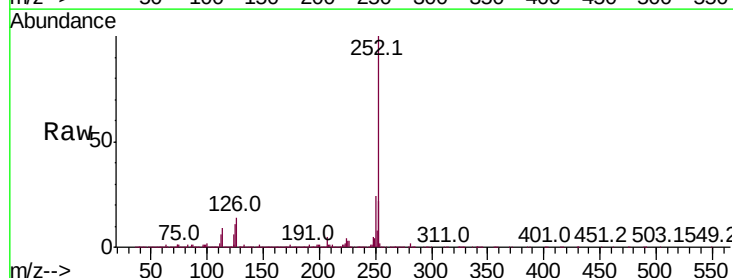
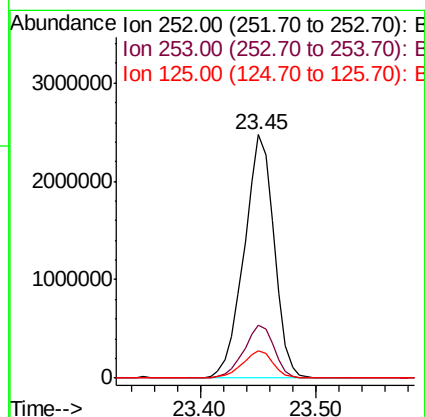
Delta R.T. -0.02 min

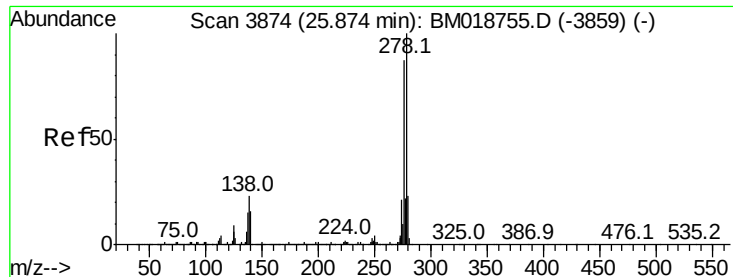
Lab File: BM018954.D

Acq: 27 Feb 2019 17:57

Tgt Ion:252 Resp: 4463801

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.3	8.6	13.0





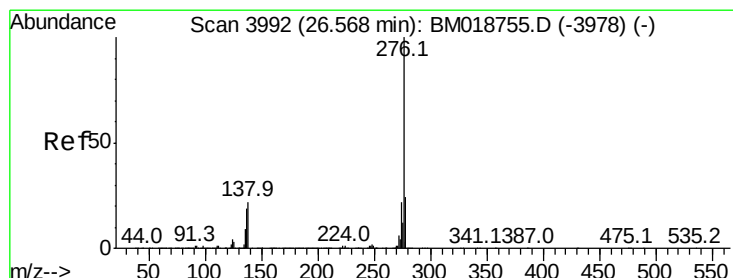
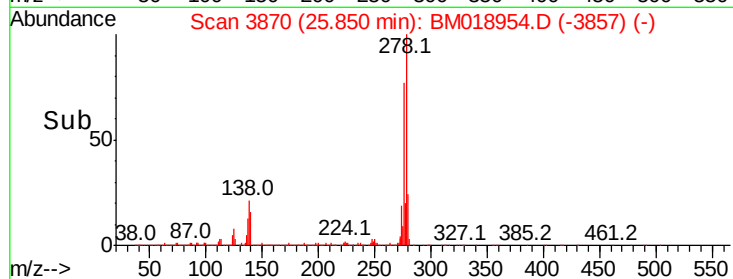
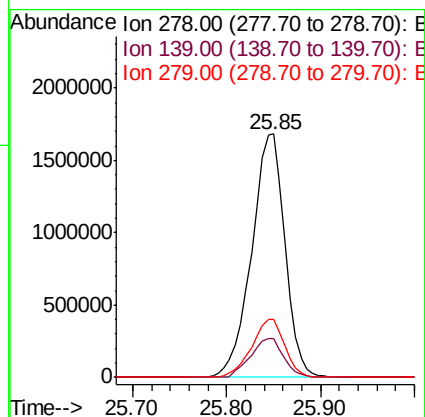
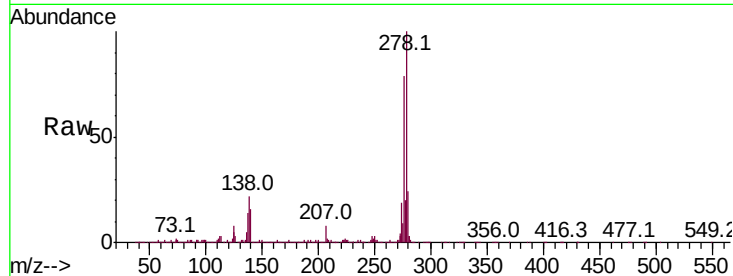
#91
Dibenzo(a,h)anthracene
Concen: 49.656 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.02 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	18.8
279	23.6	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:25 PM



#92
Benzo(g,h,i)perylene
Concen: 49.793 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018954.D
Acq: 27 Feb 2019 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	20.8	17.3	25.9

