

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018947.D
 Acq On : 27 Feb 2019 13:43
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:33:17 PM

Quant Time: Feb 28 07:31:55 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	278647	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1221941	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	708327	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1565619	20.00	ng	-0.02
76) Chrysene-d12	21.30	240	1651910	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1452449	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1330832	78.25	ng	-0.02
7) Phenol-d6	6.87	99	2055409	85.79	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2147123	81.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	847658	83.02	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4269007	80.01	ng	-0.02
79) Terphenyl-d14	19.73	244	6938050	86.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	248844	33.595	ng	100
3) Pyridine	3.64	79	792627	39.230	ng	99
4) n-Nitrosodimethylamine	3.56	42	205887	40.056	ng	92
6) Aniline	7.03	93	1215484	41.407	ng	100
8) 2-Chlorophenol	7.26	128	773437	41.423	ng	97
9) Benzaldehyde	6.85	77	565070	44.435	ng	97
10) Phenol	6.90	94	1061820	42.122	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	797964	41.497	ng	99
12) 1,3-Dichlorobenzene	7.58	146	833939	39.720	ng	97
13) 1,4-Dichlorobenzene	7.73	146	850844	39.807	ng	100
14) 1,2-Dichlorobenzene	8.04	146	834506	40.646	ng	100
15) Benzyl Alcohol	7.95	79	835871	43.909	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	780400	41.931	ng	97
17) 2-Methylphenol	8.14	107	688704	42.925	ng	98
18) Hexachloroethane	8.75	117	318557	40.827	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	793568	42.780	ng	98
20) 3+4-Methylphenols	8.47	107	967629	43.675	ng	100
22) Acetophenone	8.52	105	1339317	39.912	ng	# 99
24) Nitrobenzene	8.90	77	1088936	39.697	ng	99
25) Isophorone	9.42	82	1741540	41.301	ng	100
26) 2-Nitrophenol	9.61	139	480088	43.948	ng	97
27) 2,4-Dimethylphenol	9.66	122	653449	40.955	ng	97
28) bis(2-Chloroethoxy)methane	9.90	93	1094441	40.137	ng	99
29) 2,4-Dichlorophenol	10.13	162	772278	42.154	ng	100
30) 1,2,4-Trichlorobenzene	10.34	180	844202	39.901	ng	99
31) Naphthalene	10.53	128	2370679	39.780	ng	99
32) Benzoic acid	9.84	122	589342	42.344	ng	97
33) 4-Chloroaniline	10.66	127	1075203	40.361	ng	99
34) Hexachlorobutadiene	10.79	225	478233	38.942	ng	100
35) Caprolactam	11.49	113	312114m	41.744	ng	
36) 4-Chloro-3-methylphenol	11.78	107	915993	41.469	ng	100
37) 2-Methylnaphthalene	12.15	142	1694244	40.379	ng	99
38) 1-Methylnaphthalene	12.37	142	1650665	40.230	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	900608	39.747	ng	100

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Instrument :
 BNA_M
 ClientSampleID :
 SSTDC040

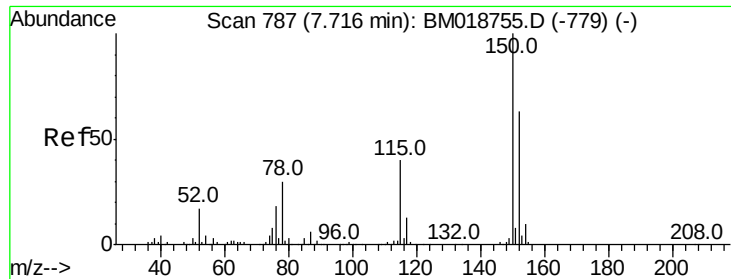
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	379599	32.767	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	625962	41.731	ng	98
44) 2,4,5-Trichlorophenol	12.85	196	657329	41.809	ng	100
46) 1,1'-Biphenyl	13.17	154	2430674	39.866	ng	100
47) 2-Chloronaphthalene	13.22	162	1907969	40.515	ng	100
48) 2-Nitroaniline	13.44	65	689229	44.067	ng	99
49) Acenaphthylene	14.07	152	2848501	40.622	ng	99
50) Dimethylphthalate	13.82	163	2276108	38.557	ng	100
51) 2,6-Dinitrotoluene	13.94	165	520877	40.733	ng	99
52) Acenaphthene	14.41	154	1715698	39.902	ng	99
53) 3-Nitroaniline	14.27	138	561940	38.892	ng	99
54) 2,4-Dinitrophenol	14.49	184	314108	41.685	ng	97
55) Dibenzofuran	14.75	168	2786759	39.432	ng	99
56) 4-Nitrophenol	14.59	139	456734	39.599	ng	98
57) 2,4-Dinitrotoluene	14.73	165	730900	41.484	ng	98
58) Fluorene	15.40	166	2138230	39.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	543171	39.086	ng	100
60) Diethylphthalate	15.17	149	2375113	39.004	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	1164810	38.424	ng	99
62) 4-Nitroaniline	15.44	138	541365	38.219	ng	98
63) Azobenzene	15.69	77	2622239	40.162	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	391899	35.652	ng	98
66) n-Nitrosodiphenylamine	15.62	169	2007623	40.587	ng	99
67) 4-Bromophenyl-phenylether	16.29	248	698776	39.874	ng	98
68) Hexachlorobenzene	16.40	284	815754	40.048	ng	95
69) Atrazine	16.57	200	659466	41.355	ng	99
70) Pentachlorophenol	16.74	266	543193	41.416	ng	100
71) Phenanthrene	17.14	178	3332834	39.611	ng	99
72) Anthracene	17.23	178	3353726	40.952	ng	100
73) Carbazole	17.51	167	3444478	40.258	ng	100
74) Di-n-butylphthalate	18.06	149	4125917	41.930	ng	100
75) Fluoranthene	19.16	202	3857912	39.694	ng	98
77) Benzidine	19.36	184	1243097	33.414	ng	99
78) Pyrene	19.53	202	4002965	41.723	ng	99
80) Butylbenzylphthalate	20.43	149	2026853	46.355	ng	97
81) Benzo(a)anthracene	21.28	228	3885200	40.348	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1591030	41.807	ng	100
83) Chrysene	21.33	228	3655742	39.609	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2987848	46.689	ng	98
85) Di-n-octyl phthalate	22.08	149	4951871	46.039	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3435982m	32.245	ng	
88) Benzo(b)fluoranthene	22.87	252	3411767	41.056	ng	100
89) Benzo(k)fluoranthene	22.92	252	3454319	41.753	ng	100
90) Benzo(a)pyrene	23.45	252	3136920	39.848	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2930636	37.575	ng	100
92) Benzo(g,h,i)perylene	26.54	276	2709948	37.322	ng	100

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



#1

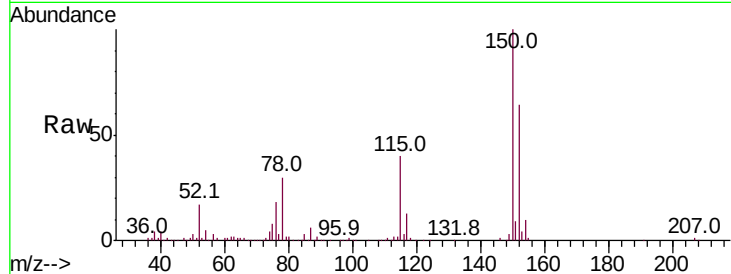
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.3	190.9
115	61.9	50.8	76.2

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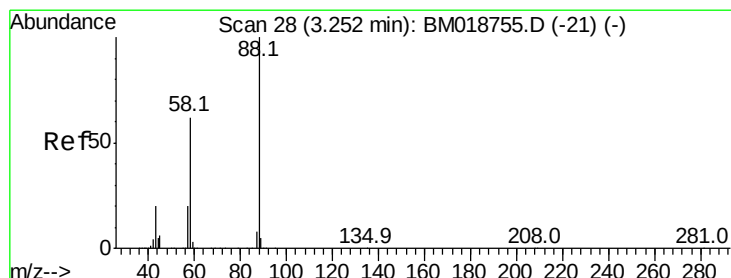
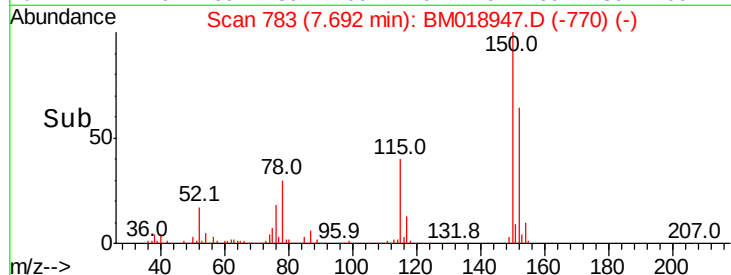
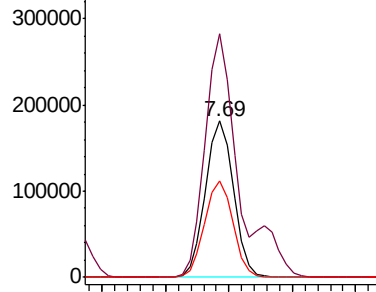


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

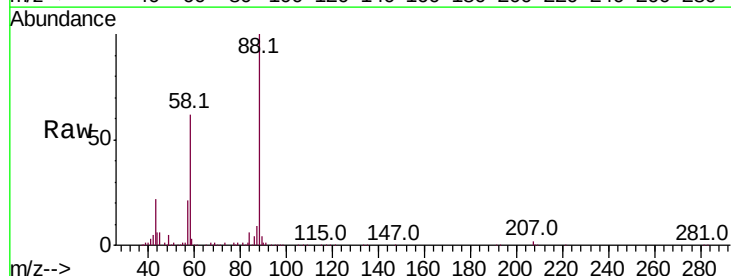
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.595 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	49.8	74.6
43	21.0	16.7	25.1

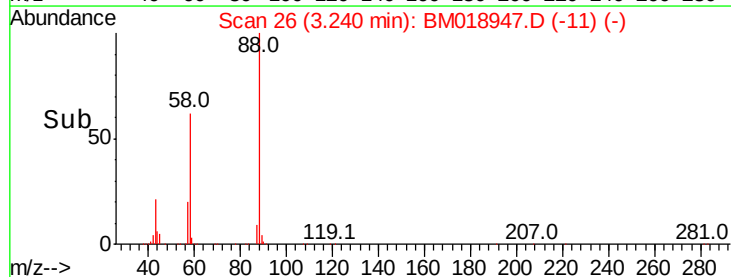
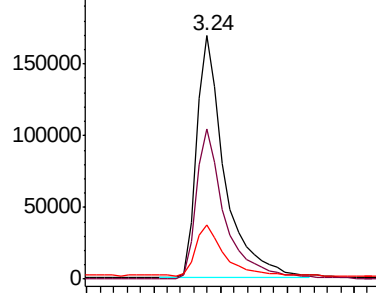


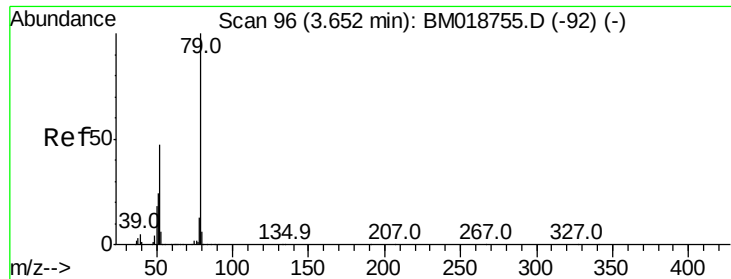
Abundance

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





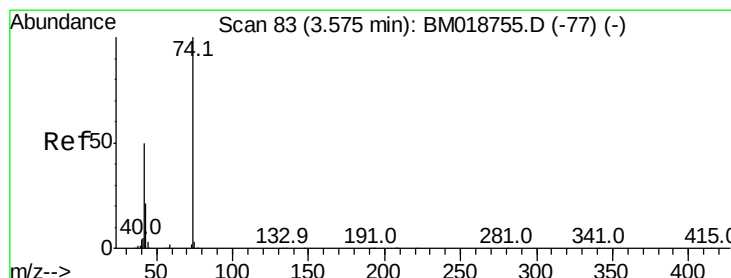
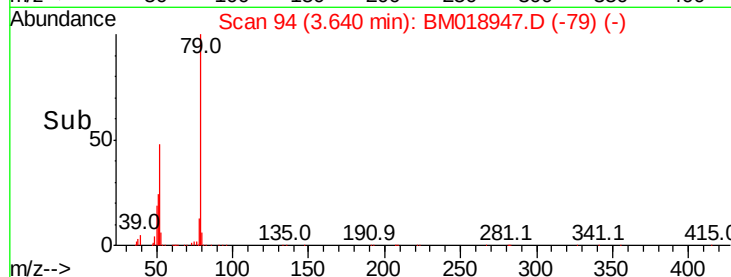
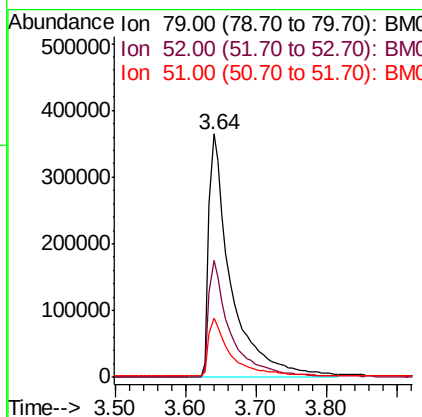
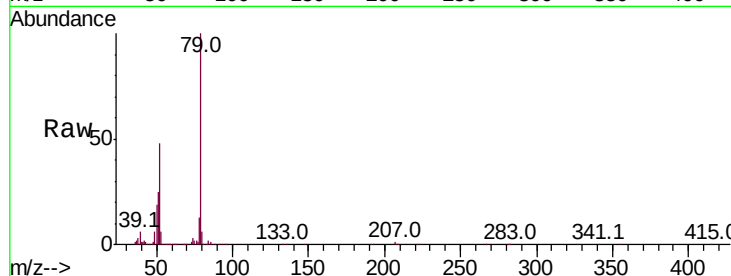
#3
 Pvridine
 Concen: 39.230 ng
 RT: 3.64 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.8	37.6	56.4
51	24.6	19.7	29.5

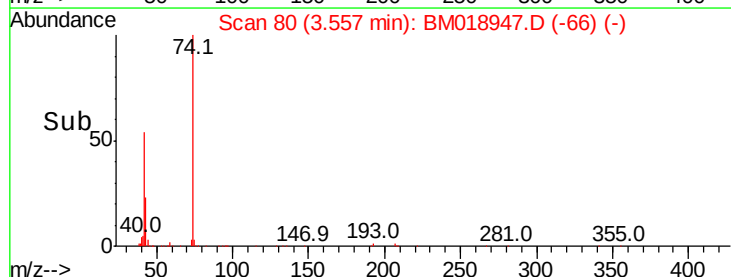
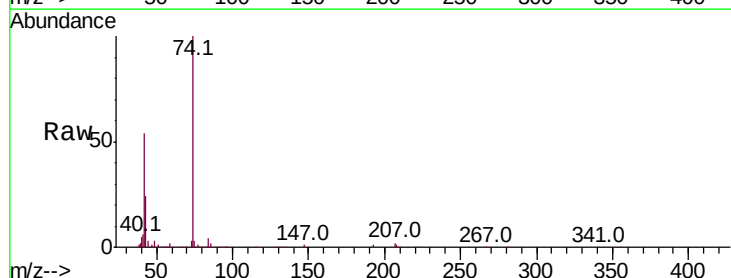
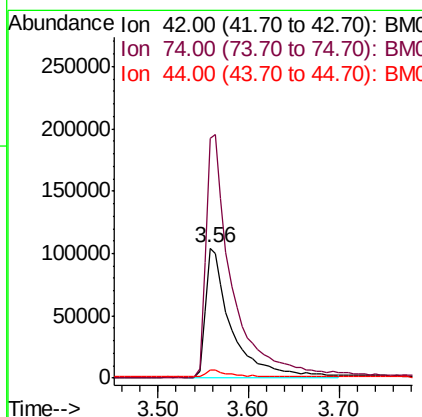
Manual Integrations
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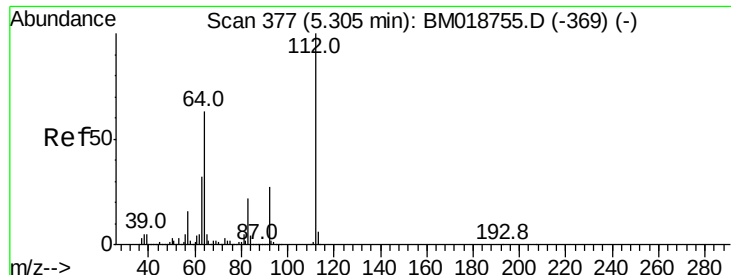
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#4
 n-Nitrosodimethylamine
 Concen: 40.056 ng
 RT: 3.56 min Scan# 80
 Delta R.T. -0.02 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	184.8	158.1	237.1
44	6.4	4.9	7.3





#5

2-Fluorophenol

Concen: 78.254 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:112 Resp: 1330832

Ion Ratio Lower Upper

112 100

64 64.0 50.6 75.8

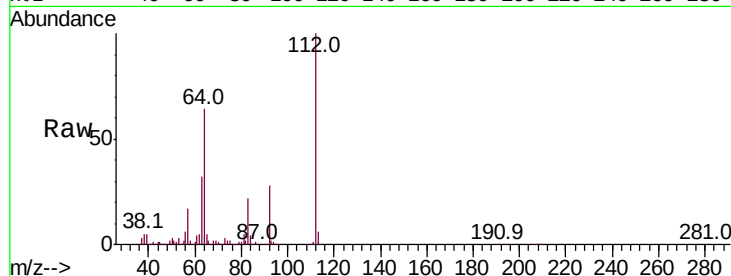
63 32.4 25.7 38.5

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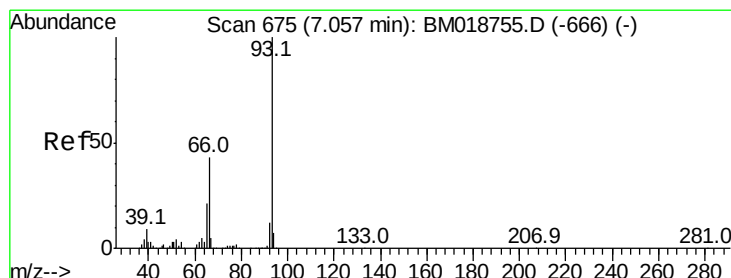
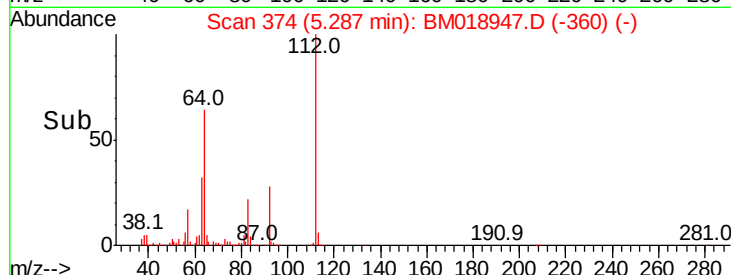
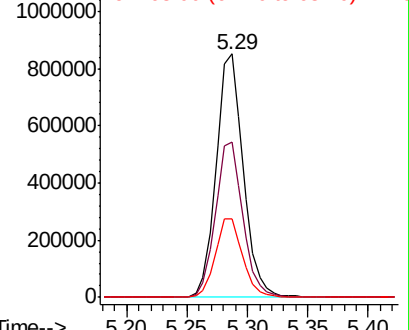
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.407 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

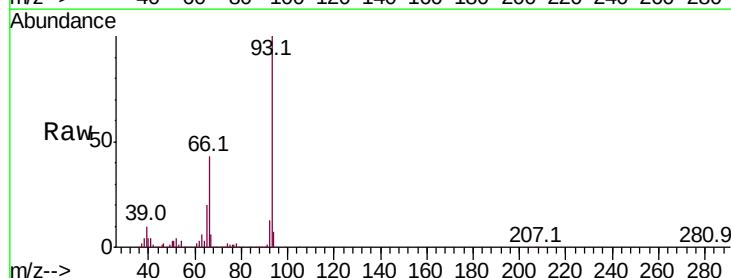
Tgt Ion: 93 Resp: 1215484

Ion Ratio Lower Upper

93 100

66 42.7 34.1 51.1

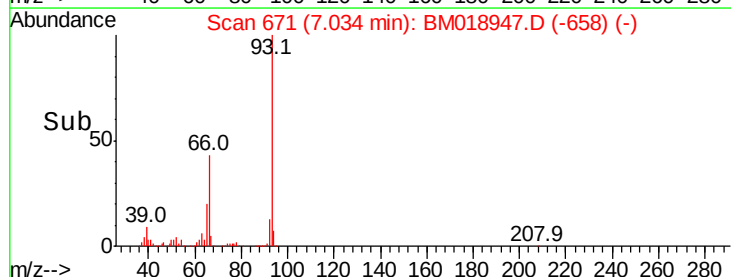
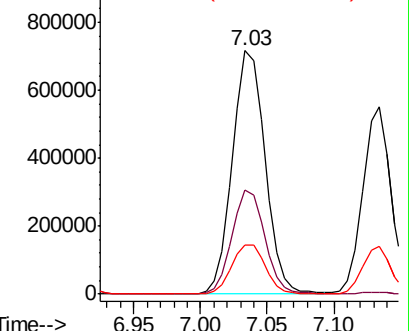
65 20.4 16.6 24.8

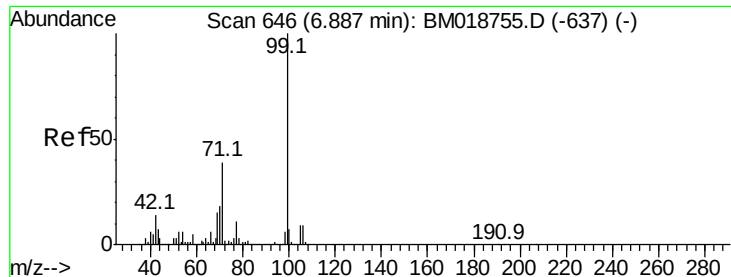


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 85.792 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2055409

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

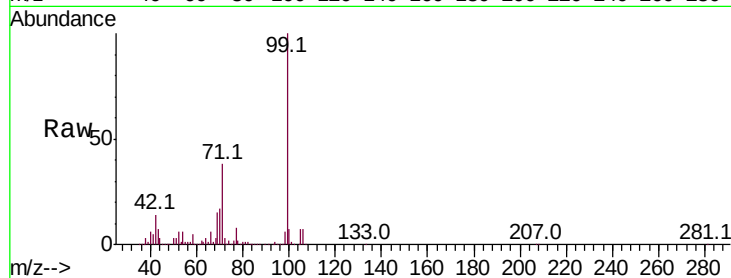
71 38.4 31.3 46.9

Manual Integrations

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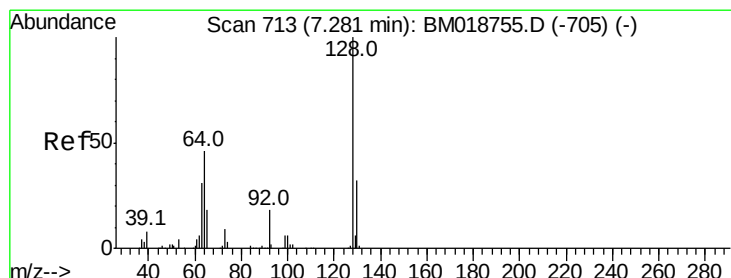
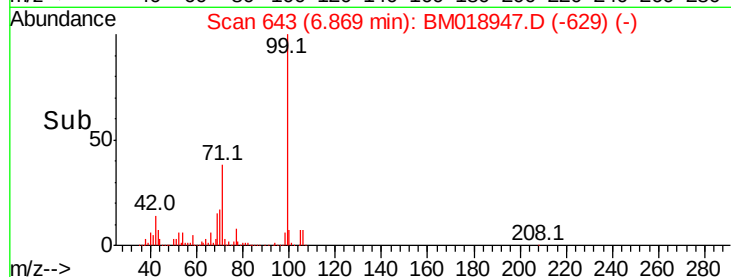
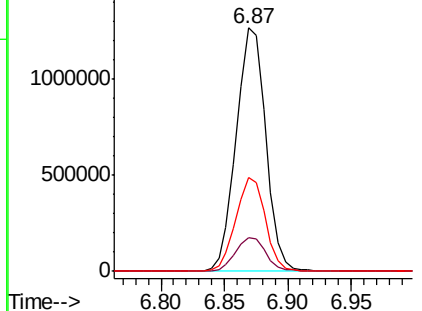
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

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

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



#8

2-Chlorophenol

Concen: 41.423 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

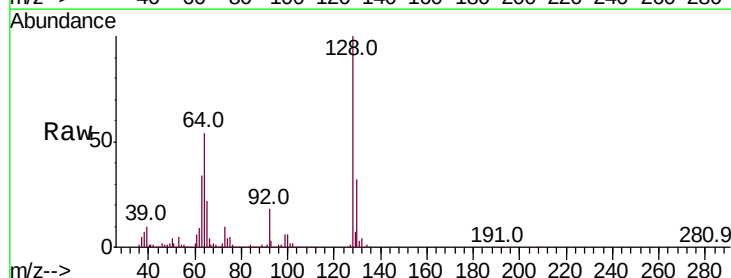
Tgt Ion: 128 Resp: 773437

Ion Ratio Lower Upper

128 100

130 31.9 11.7 51.7

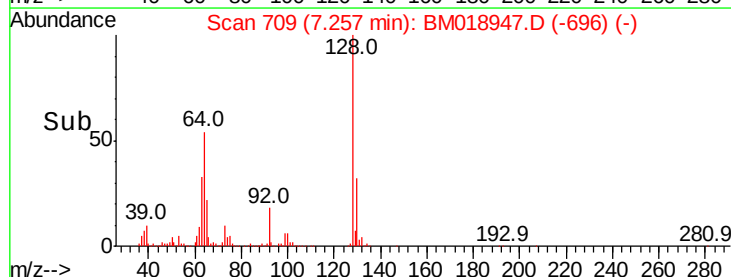
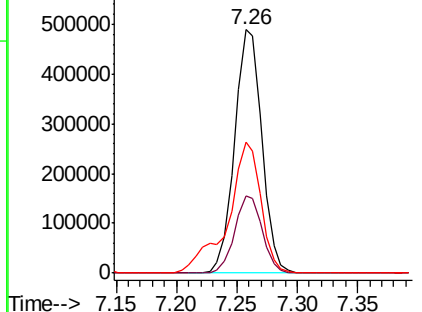
64 54.1 31.0 71.0

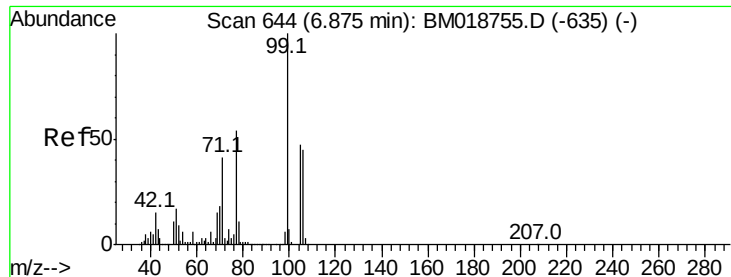


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

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

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





#9

Benzaldehyde

Concen: 44.435 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

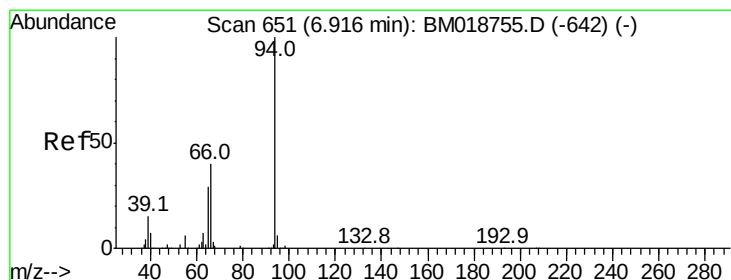
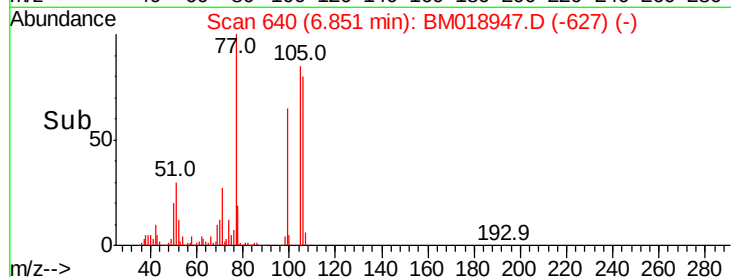
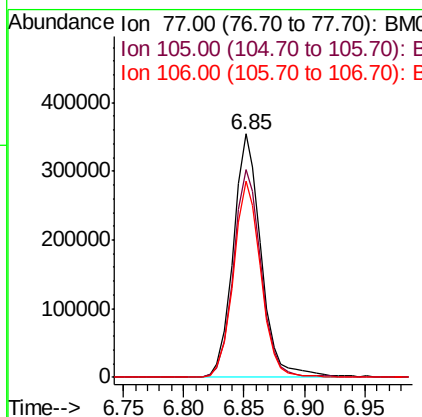
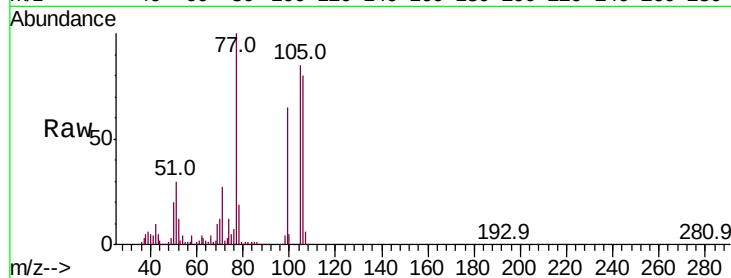
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	565070
Ion	Ratio	Lower	Upper
77	100		
105	85.3	67.3	107.3
106	80.4	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 42.122 ng

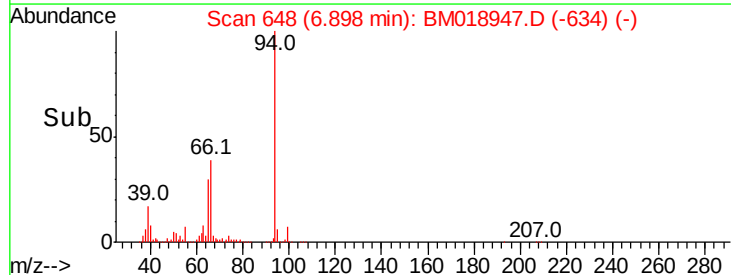
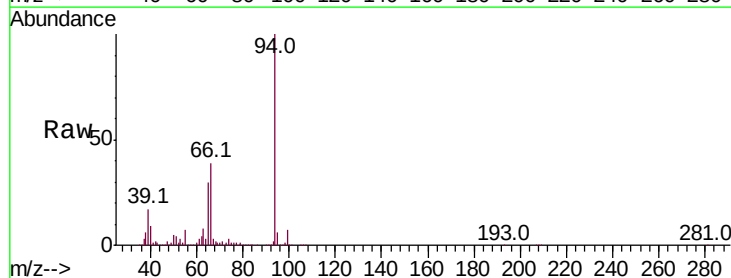
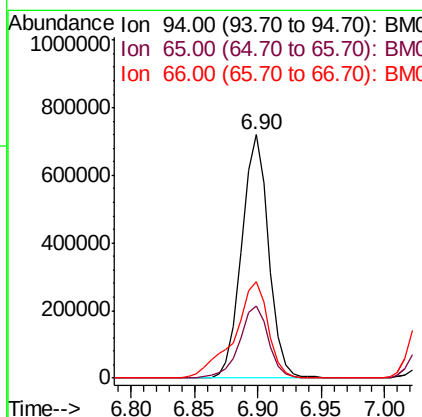
RT: 6.90 min Scan# 648

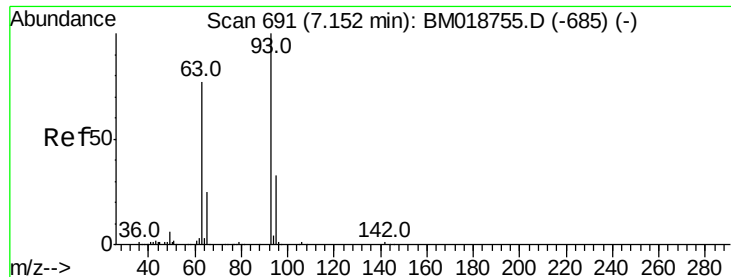
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion:	94	Resp:	1061820
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.6	49.6
66	39.4	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 41.497 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

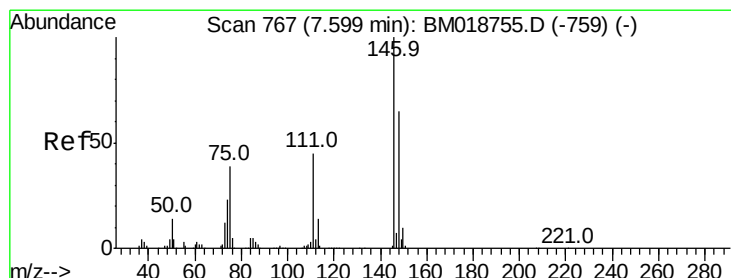
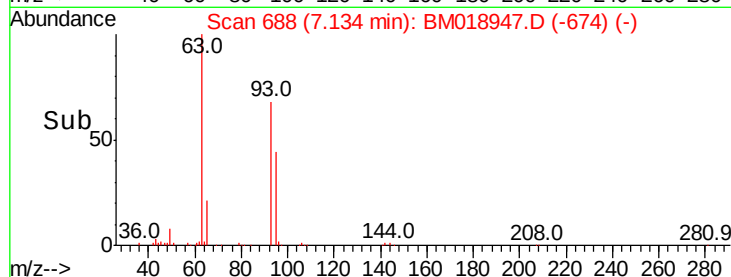
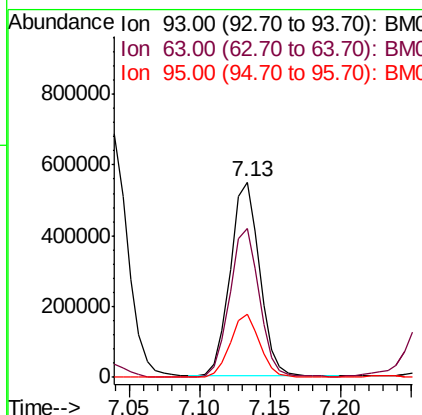
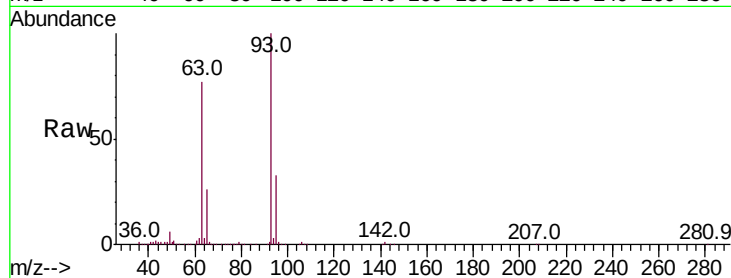
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	797964
Ion Ratio	Lower	Upper	
93	100		
63	76.5	57.0	97.0
95	32.6	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 39.720 ng

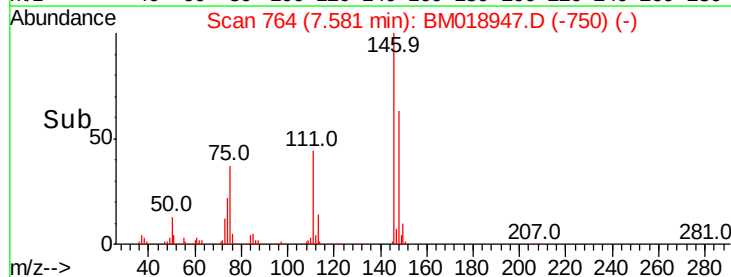
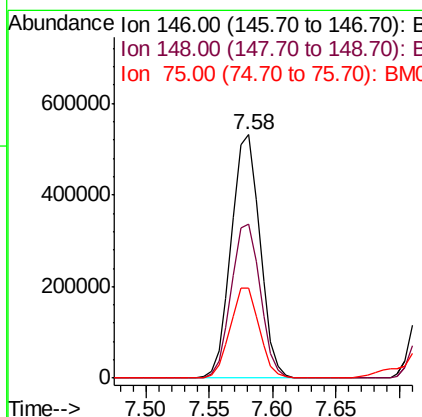
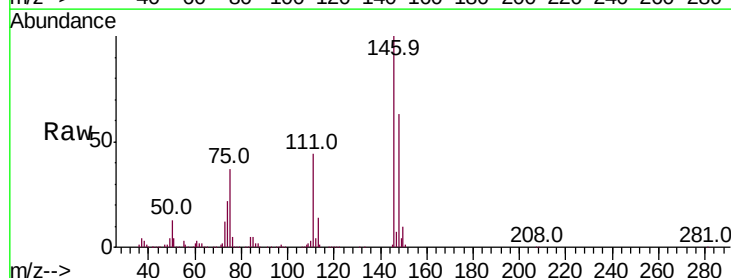
RT: 7.58 min Scan# 764

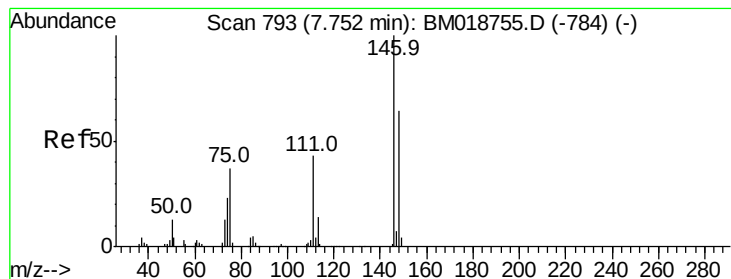
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion:	146	Resp:	833939
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.7	77.5
75	36.8	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 39.807 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

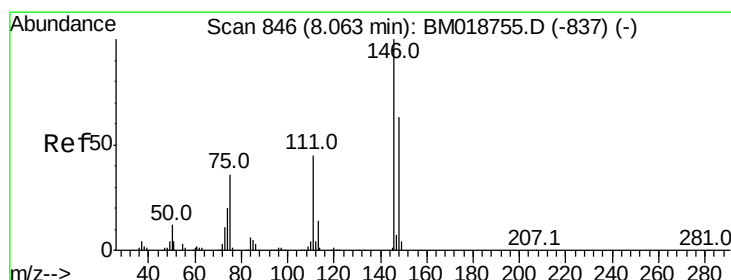
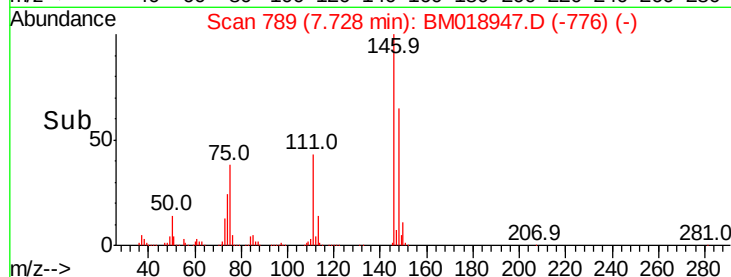
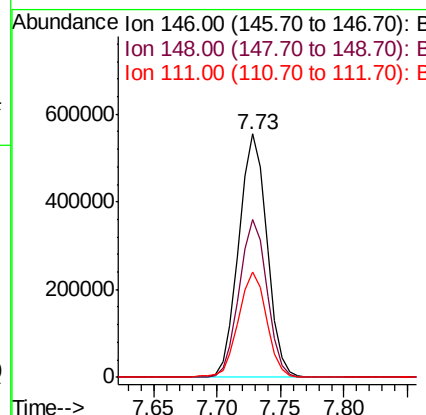
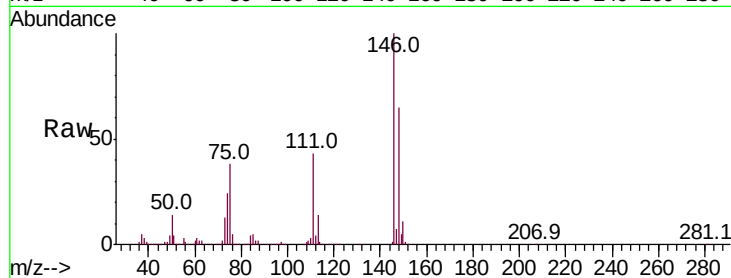
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	850844
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.4	77.2
111	43.0	34.6	52.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.646 ng

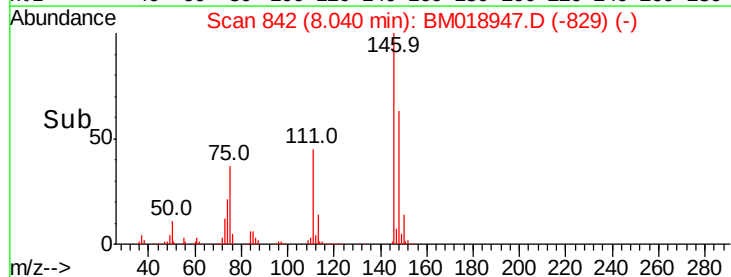
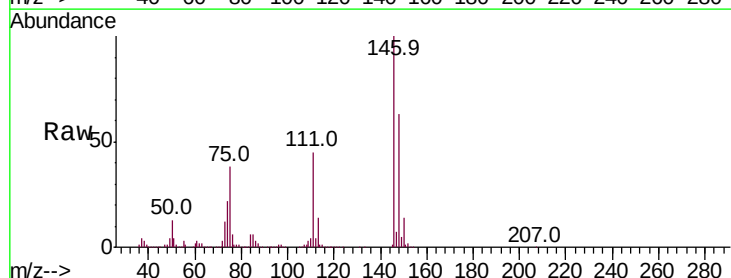
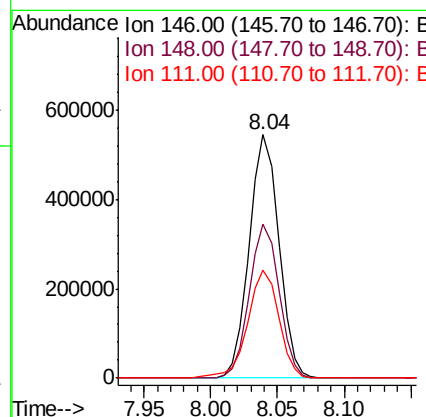
RT: 8.04 min Scan# 842

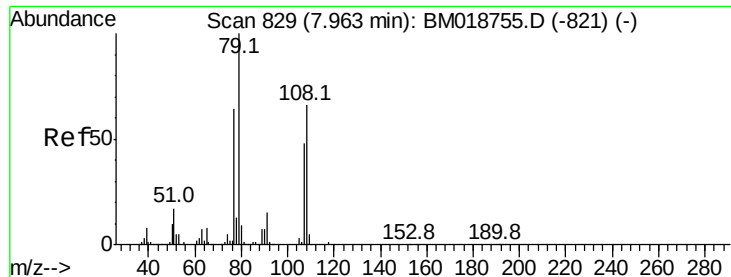
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion:	146	Resp:	834506
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.7	76.1
111	44.6	35.9	53.9





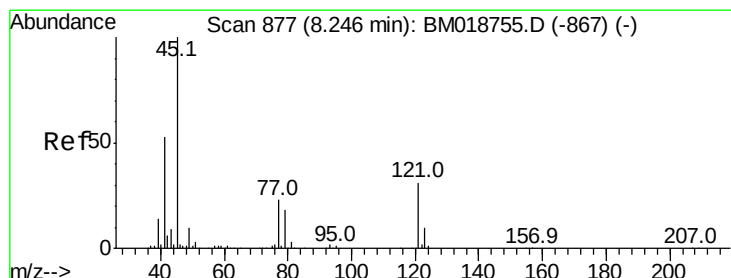
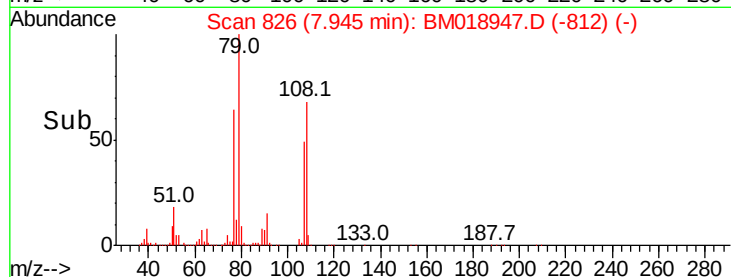
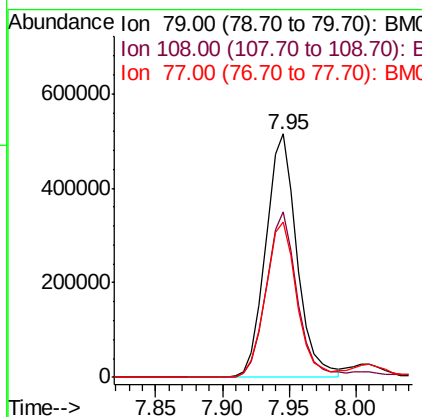
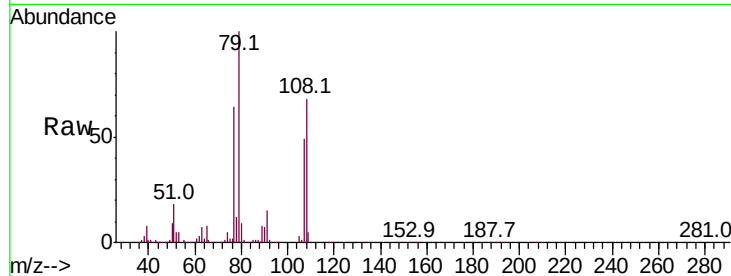
#15
Benzyl Alcohol
Concen: 43.909 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.0	52.7	79.1
77	64.0	51.0	76.4

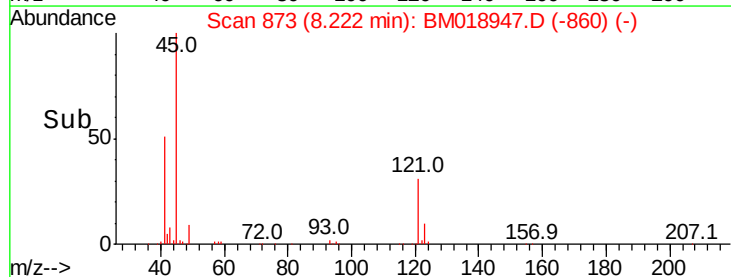
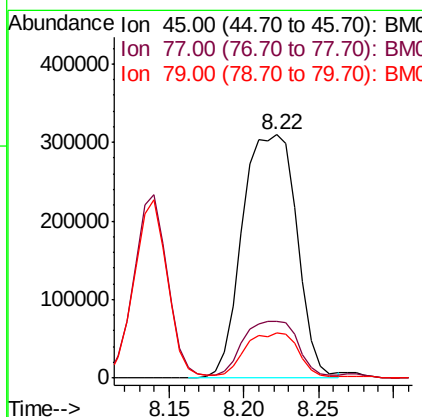
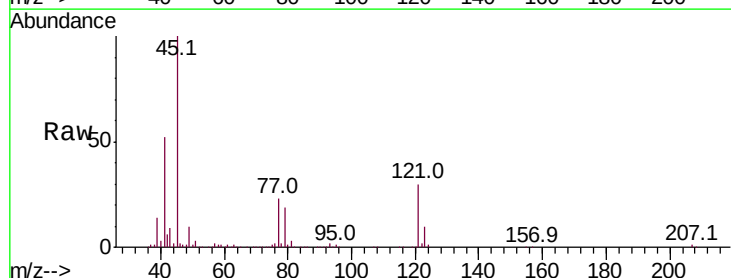
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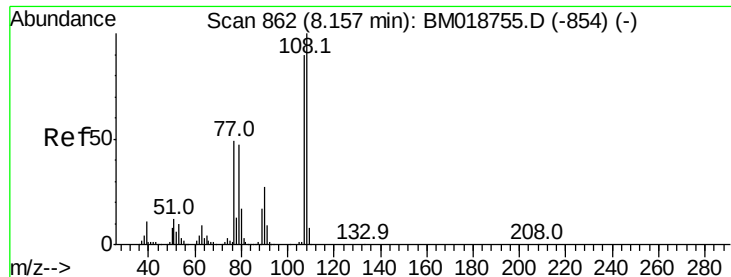
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.931 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.2	5.0	45.0
79	18.6	0.0	39.3





#17

2-Methylphenol

Concen: 42.925 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

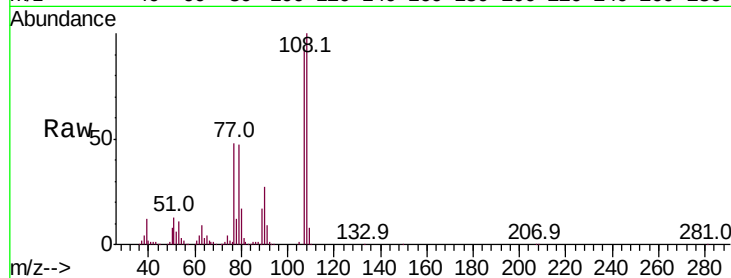
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	688704		
108	109.0	88.8	133.2	
77	52.7	44.0	66.0	
79	51.3	42.4	63.6	

Manual Integrations
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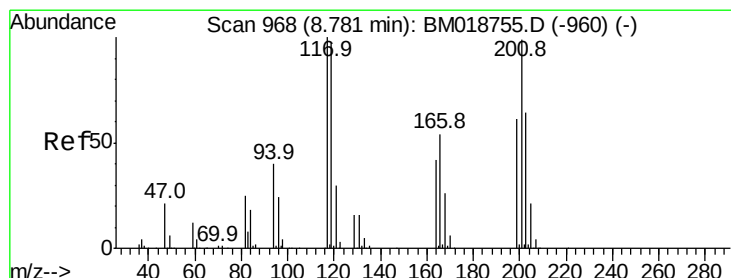
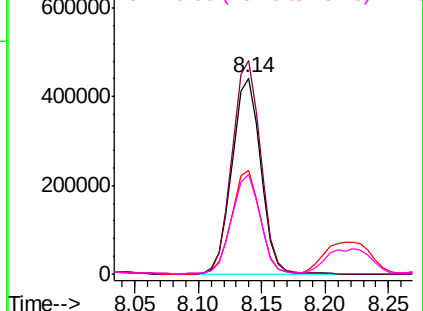
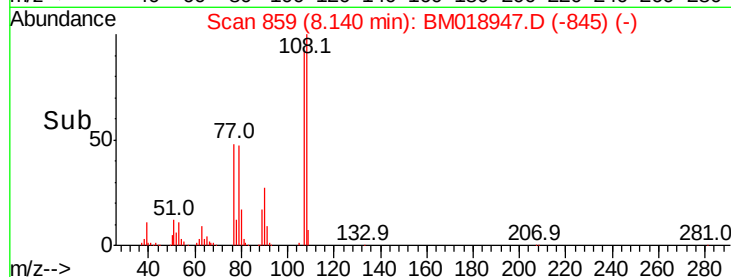
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 40.827 ng

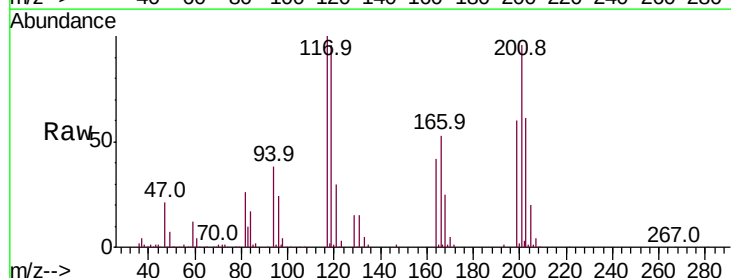
RT: 8.75 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	318557		
119	96.4	77.9	116.9	
201	95.6	79.2	118.8	

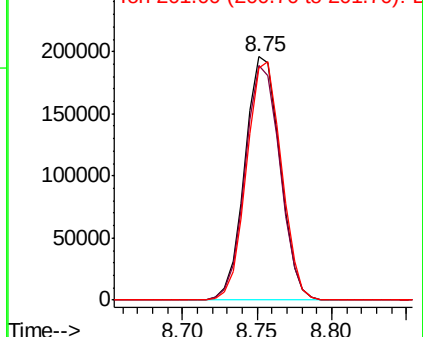
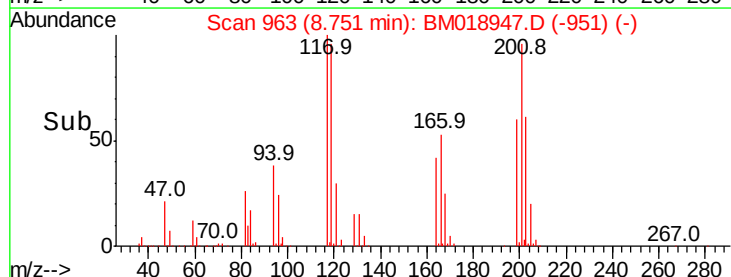


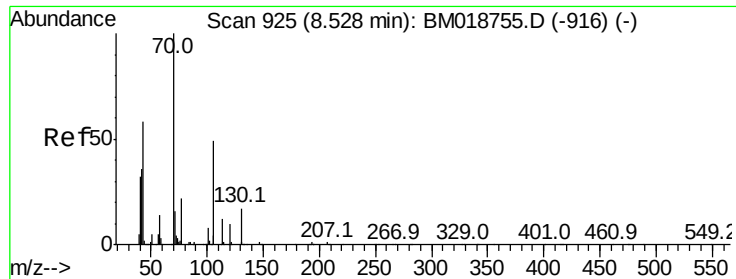
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





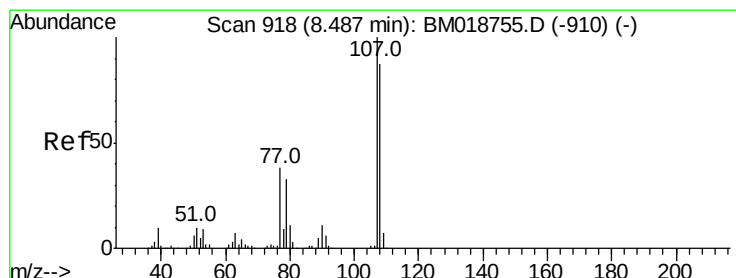
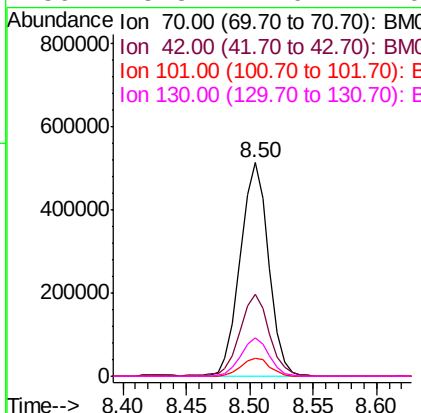
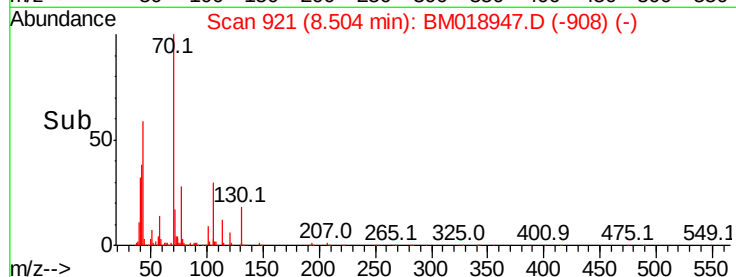
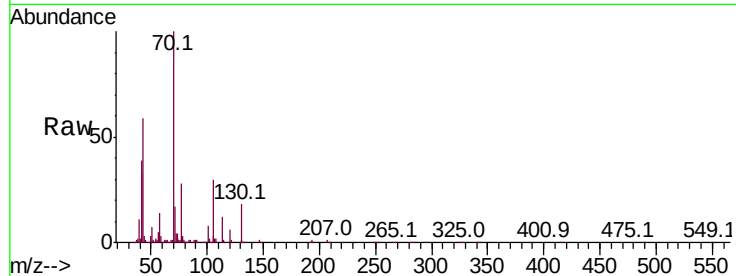
#19
n-Nitroso-di-n-propylamine
Concen: 42.780 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.6	29.4	44.0		
101	8.5	6.7	10.1		
130	18.3	14.0	21.0		

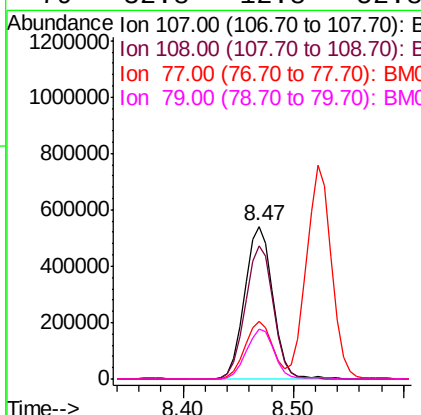
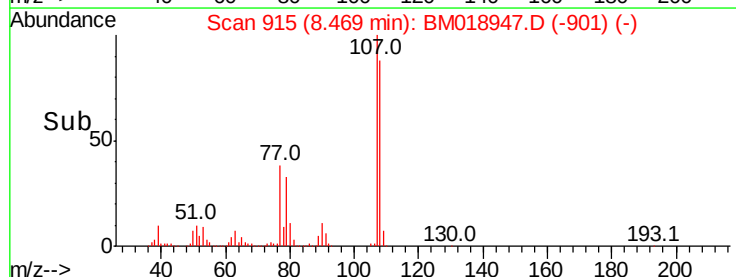
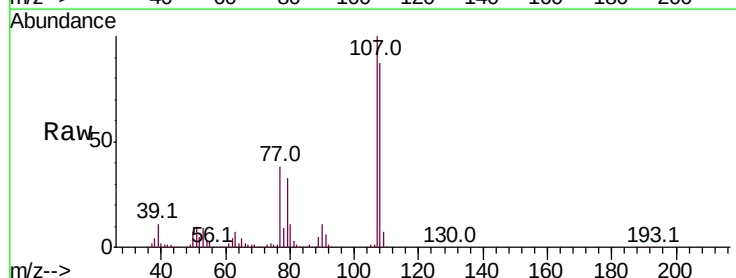
Manual Integrations
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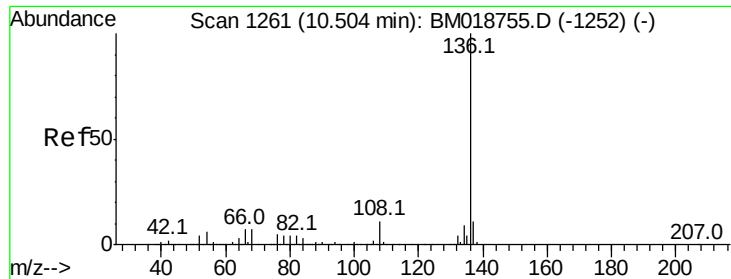
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#20
3+4-Methylphenols
Concen: 43.675 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.4	67.3	107.3		
77	37.9	18.0	58.0		
79	32.8	12.8	52.8		





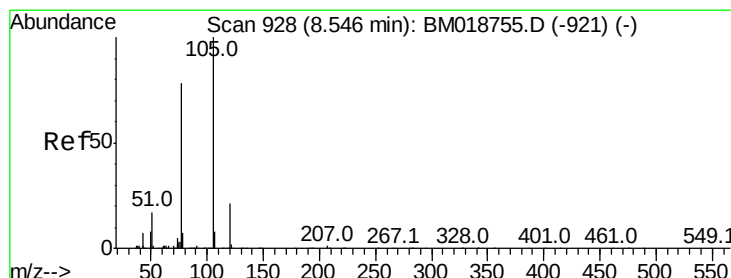
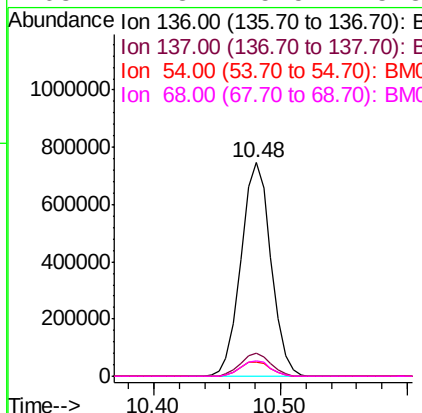
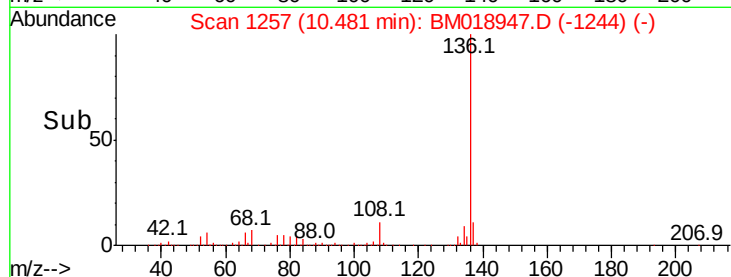
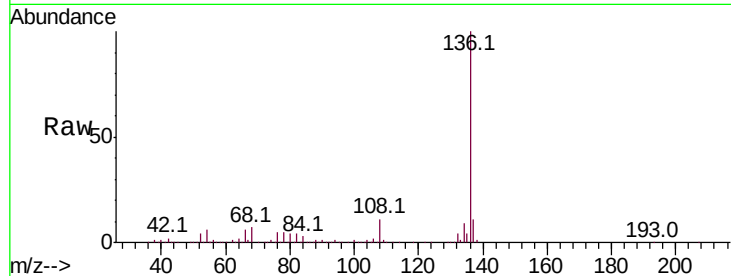
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.0	7.6
68	7.3	5.5	8.3

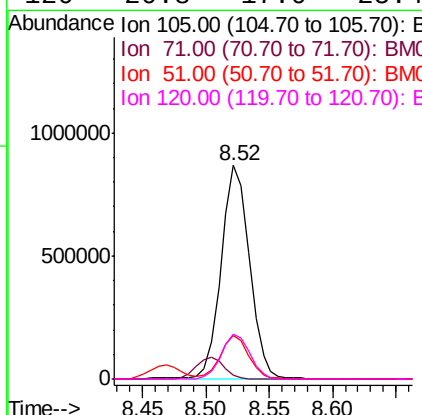
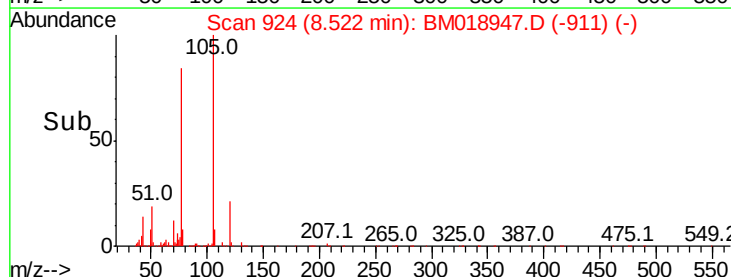
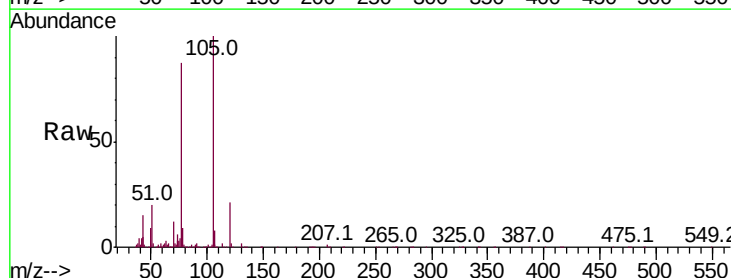
Manual Integrations
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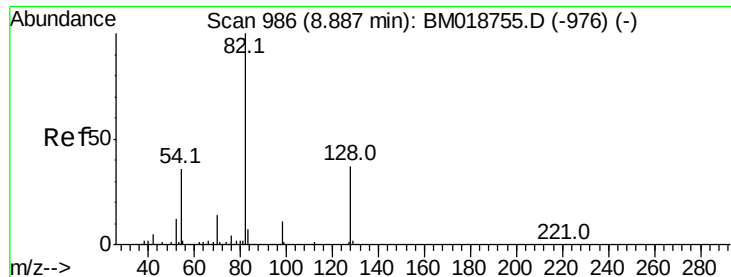
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#22
Acetophenone
Concen: 39.912 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.1	1.7#
51	20.2	15.5	23.3
120	20.8	17.0	25.4





#23

Nitrobenzene-d5

Concen: 81.248 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

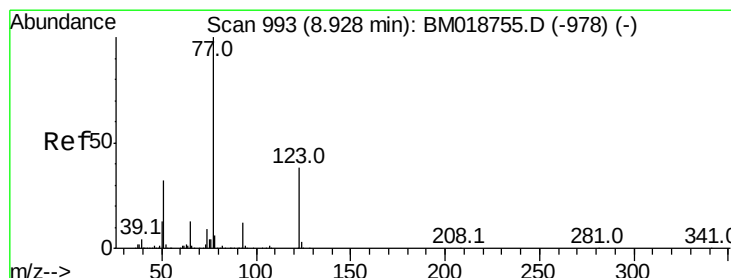
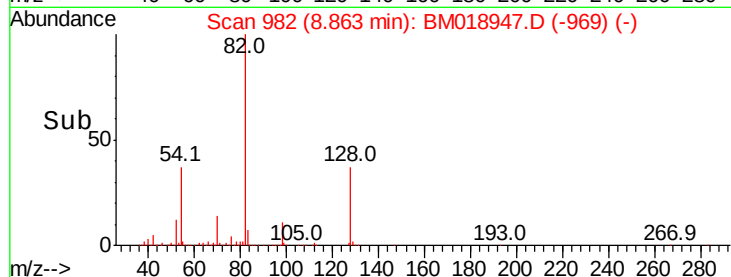
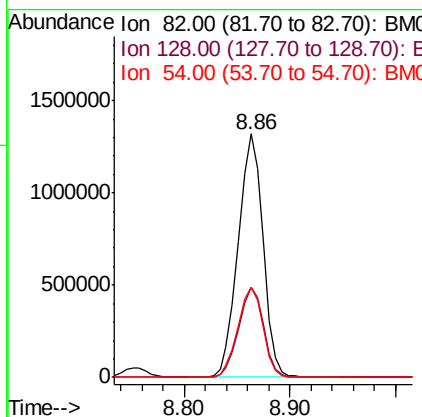
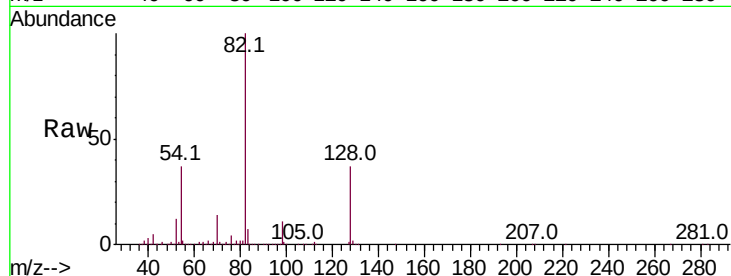
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	2147123
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.9	44.9
54	37.0	29.1	43.7

Manual Integrations
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#24

Nitrobenzene

Concen: 39.697 ng

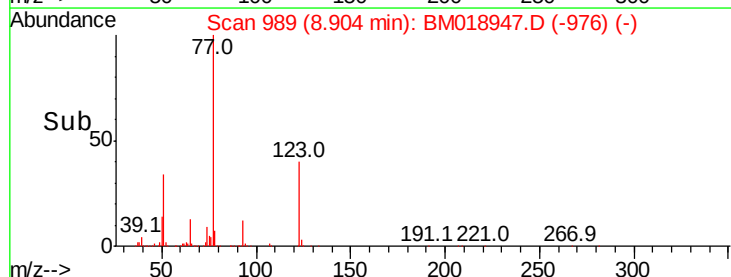
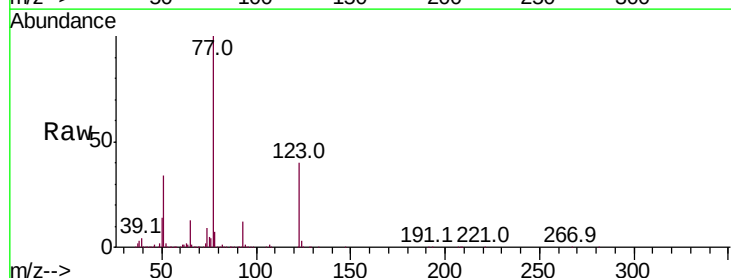
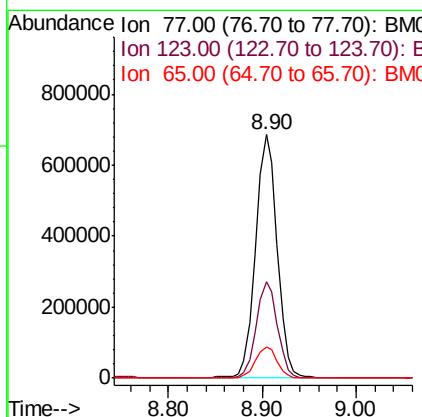
RT: 8.90 min Scan# 989

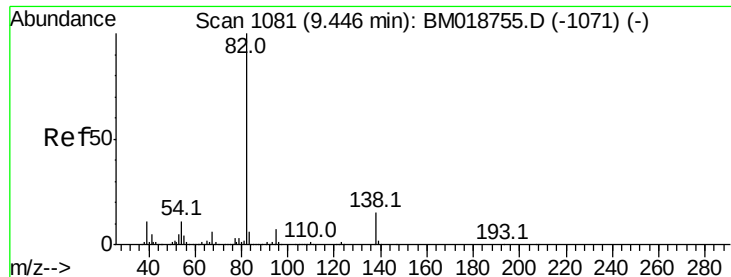
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion:	77	Resp:	1088936
Ion	Ratio	Lower	Upper
77	100		
123	39.5	30.7	46.1
65	13.0	10.5	15.7





#25

Isophorone

Concen: 41.301 ng

RT: 9.42 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1741540

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

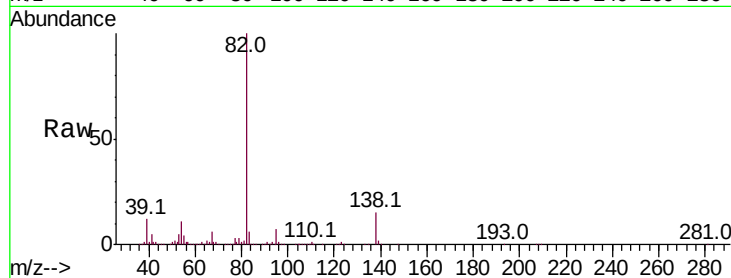
138 15.5 12.3 18.5

Manual Integrations

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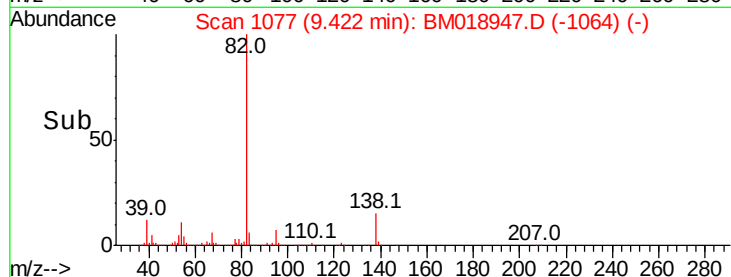


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

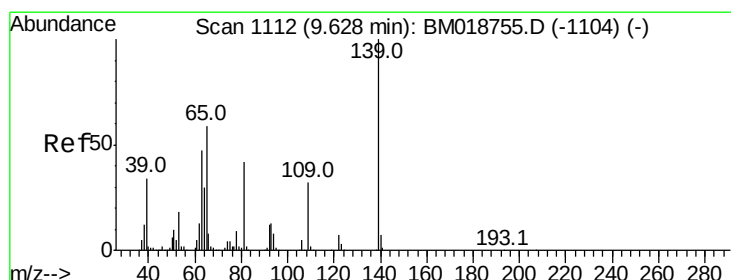
Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

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

Time-->



Time-->



#26

2-Nitrophenol

Concen: 43.948 ng

RT: 9.61 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

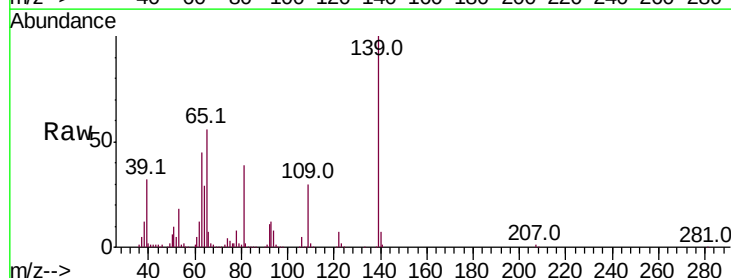
Tgt Ion: 139 Resp: 480088

Ion Ratio Lower Upper

139 100

109 30.1 25.2 37.8

65 56.4 47.0 70.4

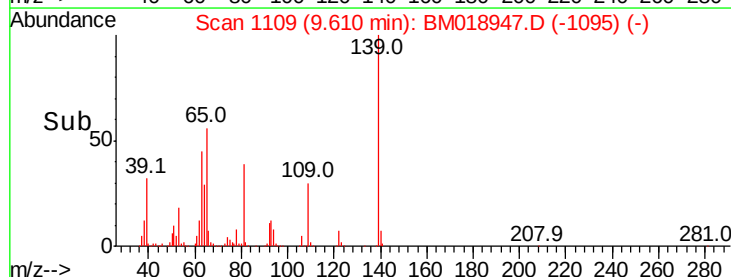


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

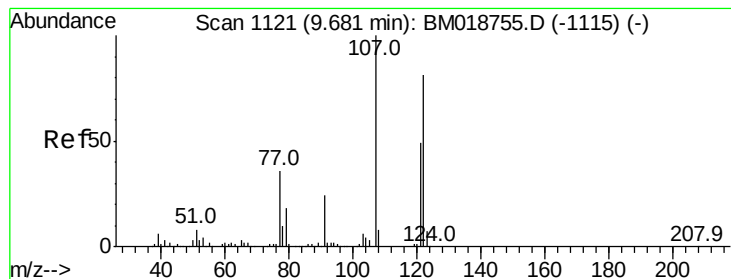
Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

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

Time-->



Time-->



#27

2,4-Dimethylphenol

Concen: 40.955 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

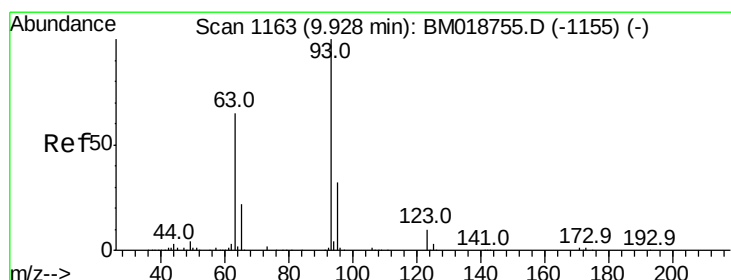
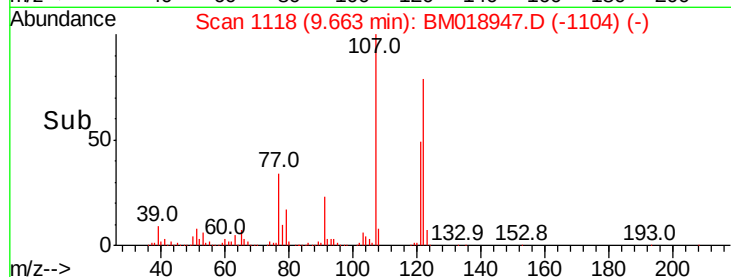
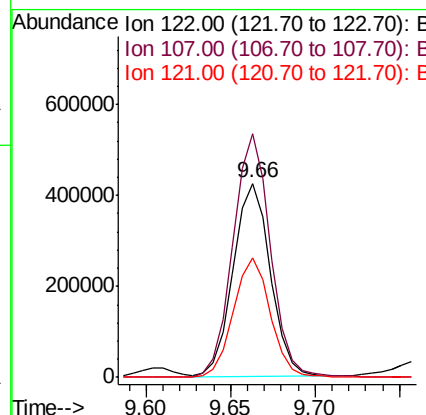
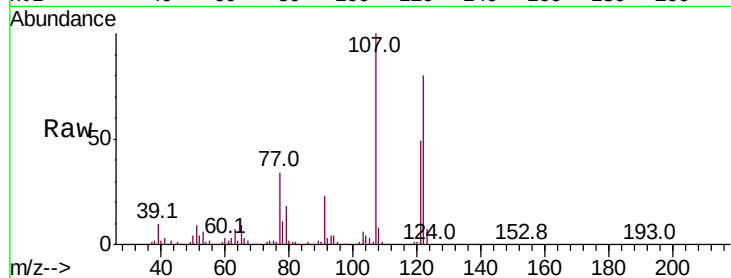
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.6	97.6	146.4
121	61.4	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.137 ng

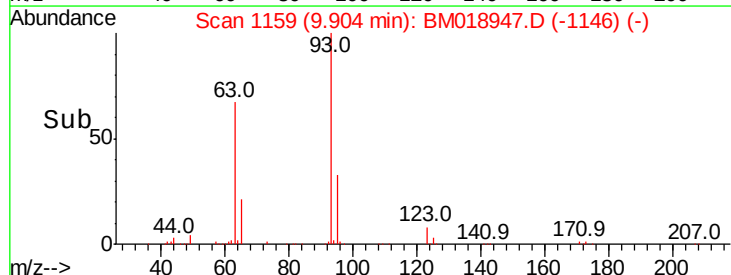
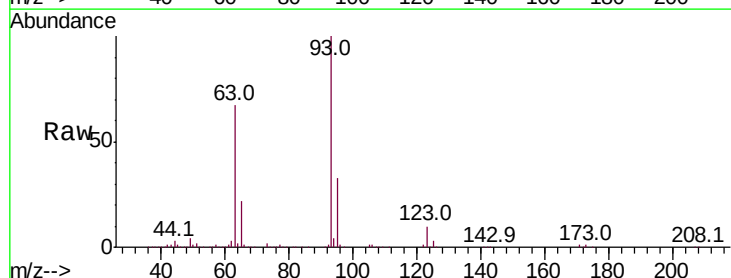
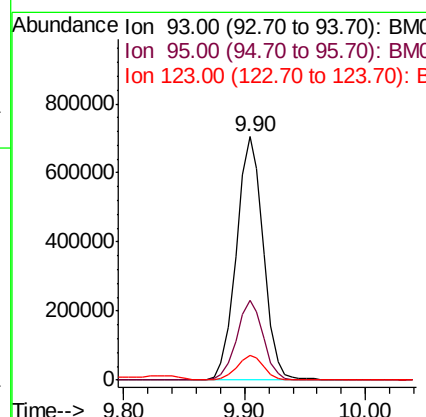
RT: 9.90 min Scan# 1159

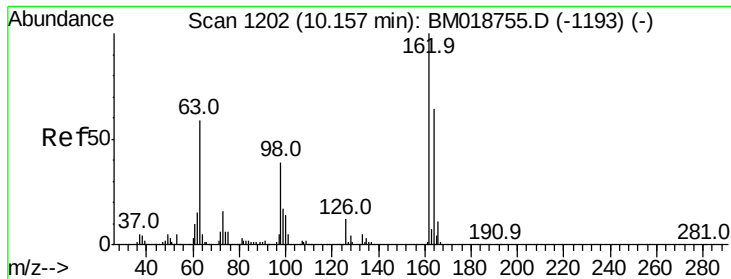
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.6	38.4
123	10.2	8.2	12.4





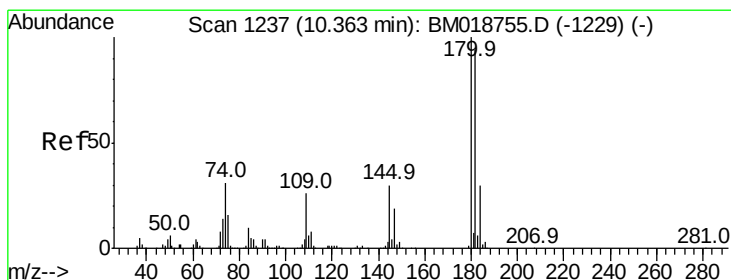
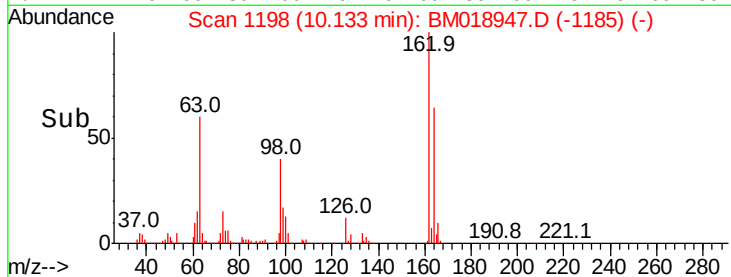
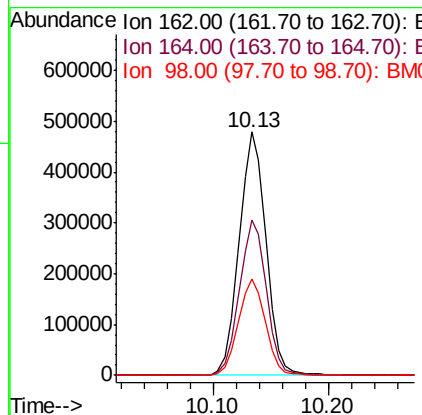
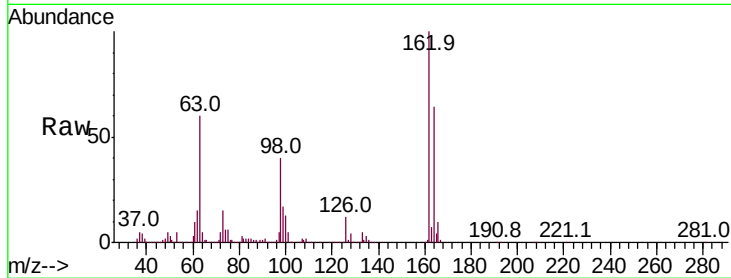
#29
2,4-Dichlorophenol
Concen: 42.154 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.7	44.1	84.1
98	39.6	19.4	59.4

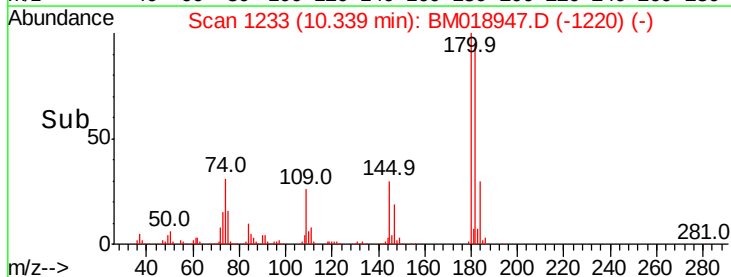
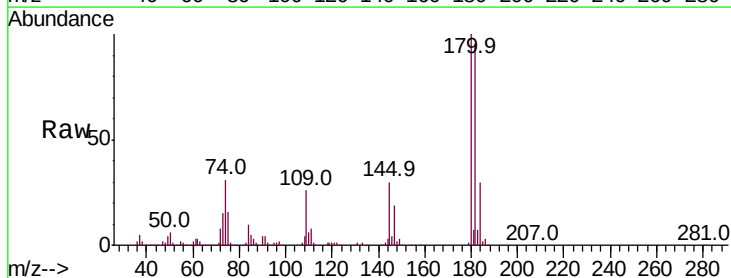
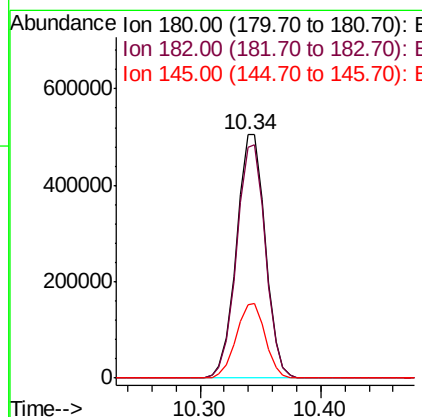
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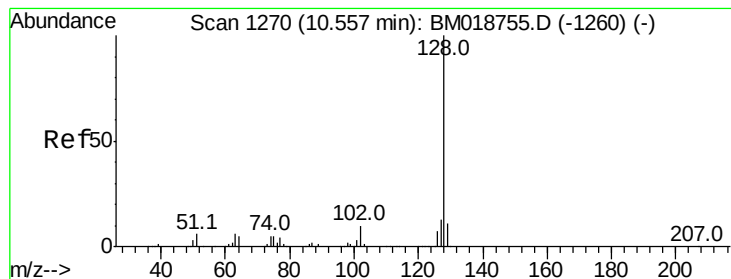
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.901 ng
RT: 10.34 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	75.0	112.6
145	30.3	24.1	36.1





#31

Naphthalene

Concen: 39.780 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2370679

Ion Ratio Lower Upper

128 100

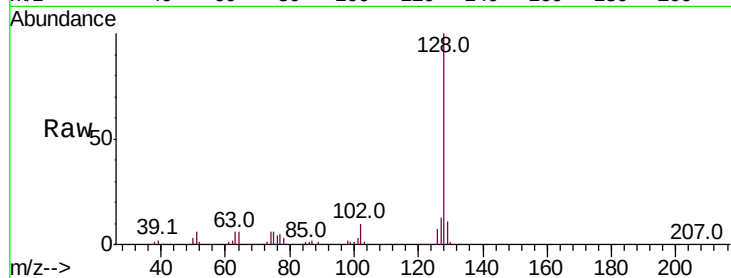
129 10.7 9.0 13.4

127 13.1 10.7 16.1

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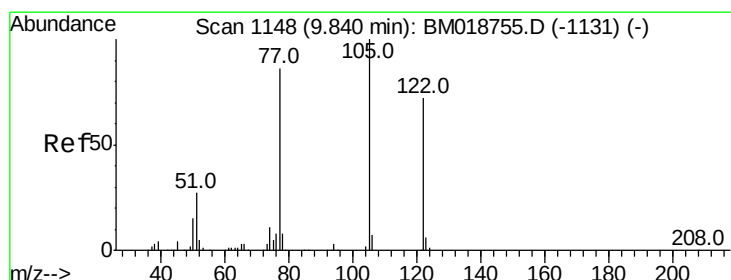
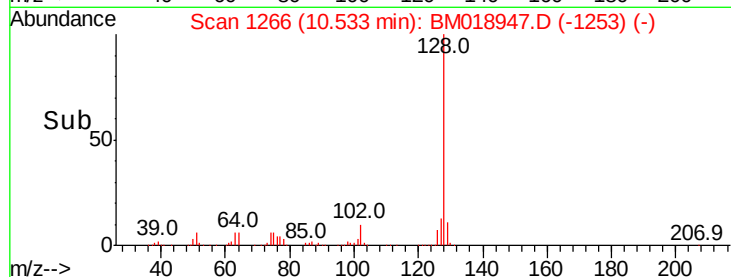
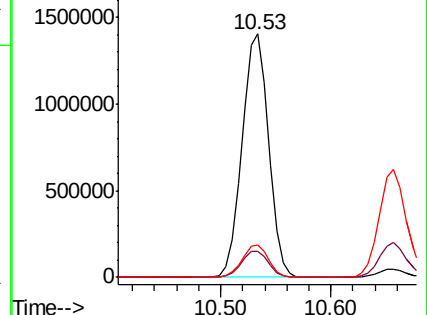
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.344 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

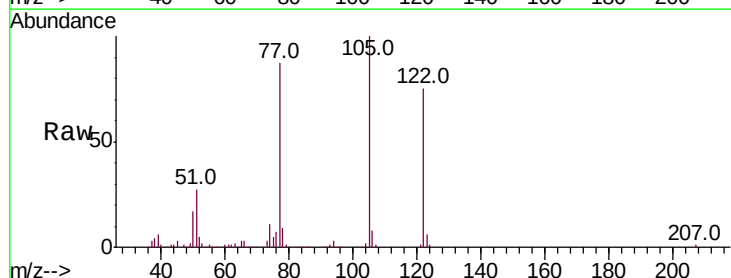
Tgt Ion:122 Resp: 589342

Ion Ratio Lower Upper

122 100

105 134.0 117.5 157.5

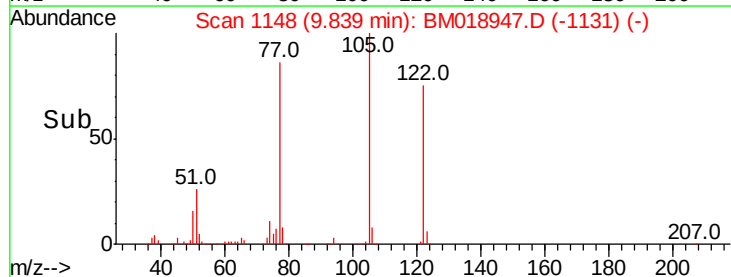
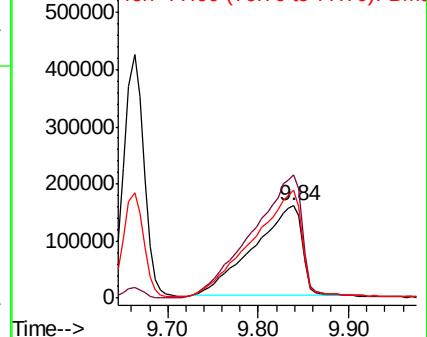
77 116.1 98.5 138.5

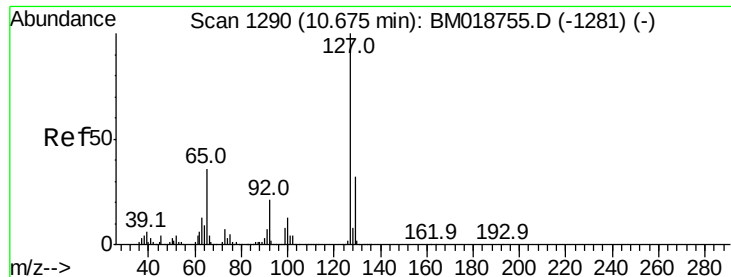


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





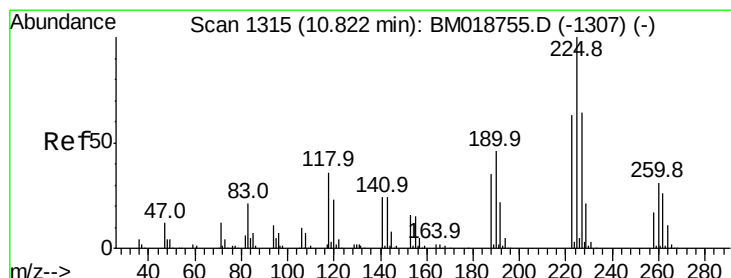
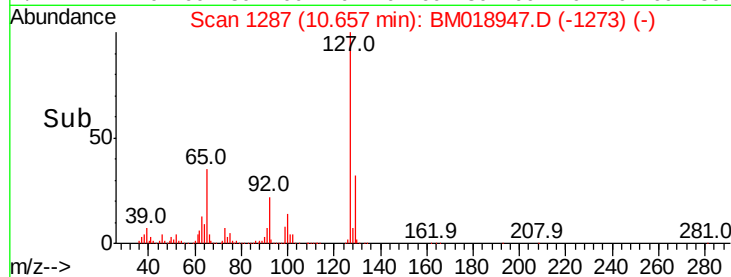
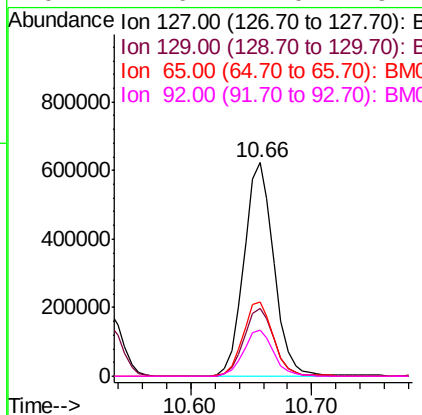
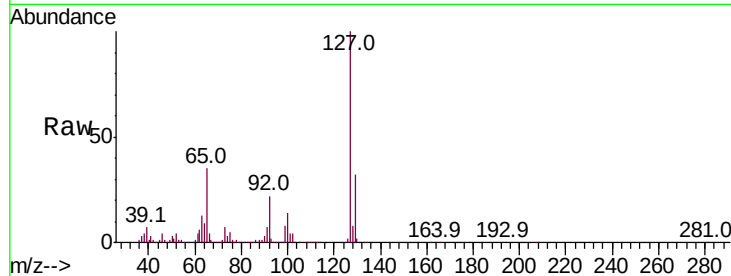
#33
4-Chloroaniline
Concen: 40.361 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	35.0	28.7	43.1
92	21.6	17.0	25.4

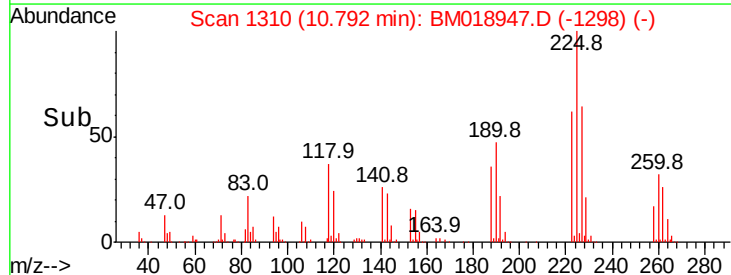
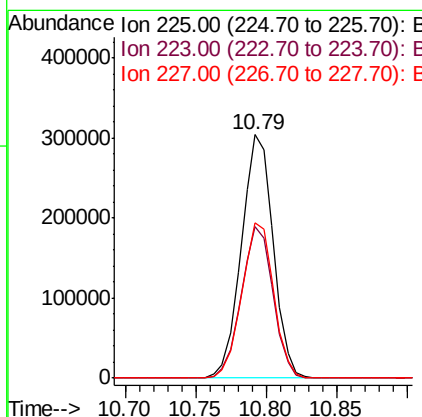
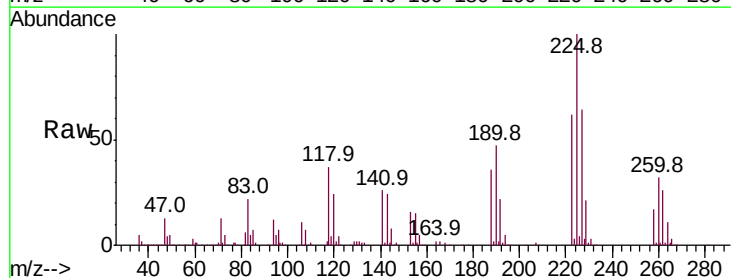
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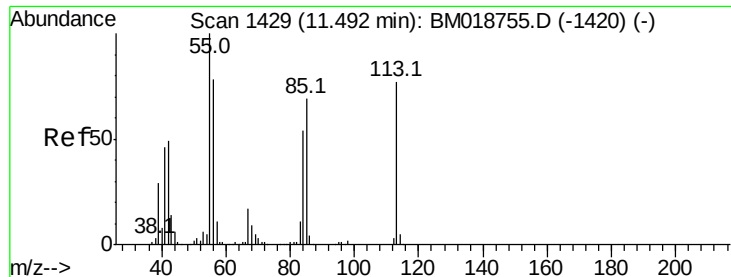
Sohil
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#34
Hexachlorobutadiene
Concen: 38.942 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	63.9	51.4	77.0





#35

Caprolactam

Concen: 41.744 ng/mL

RT: 11.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

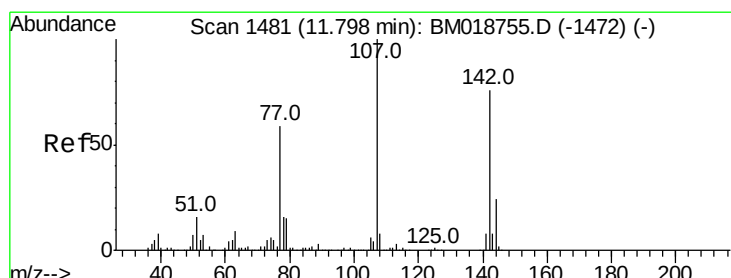
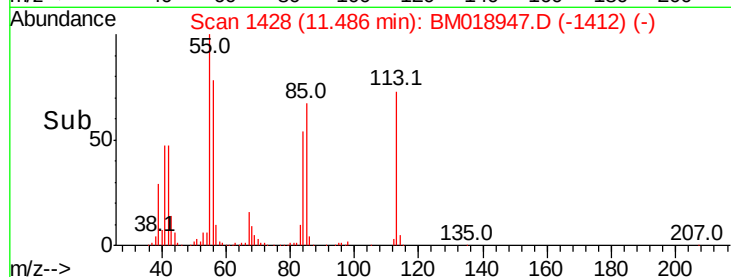
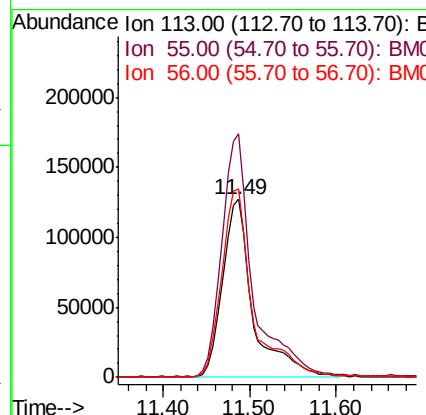
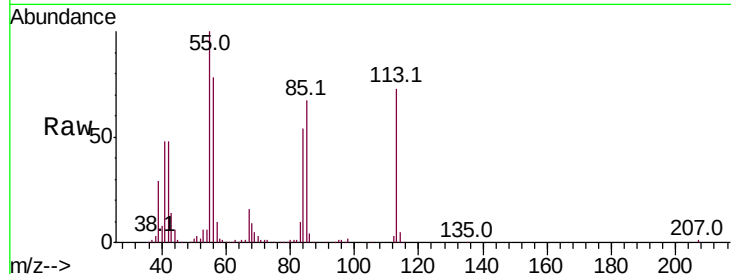
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	312114
Ion Ratio	Lower	Upper	
113	100		
55	137.0	110.7	150.7
56	106.2	82.4	122.4

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#36

4-Chloro-3-methylphenol

Concen: 41.469 ng/mL

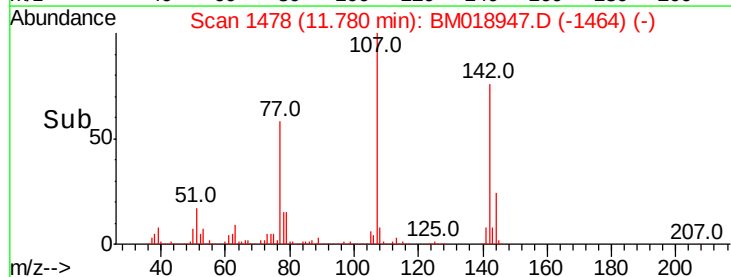
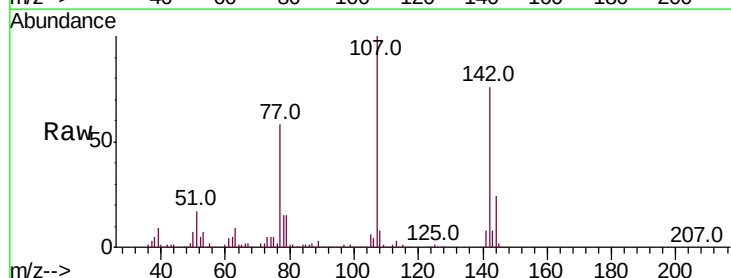
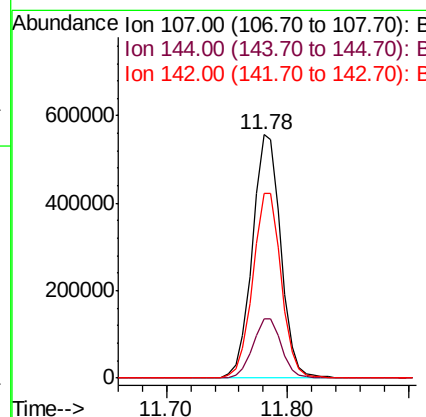
RT: 11.78 min Scan# 1478

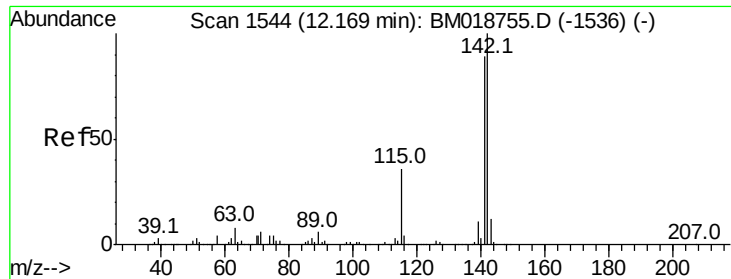
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion:	107	Resp:	915993
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.3	28.9
142	75.8	60.5	90.7





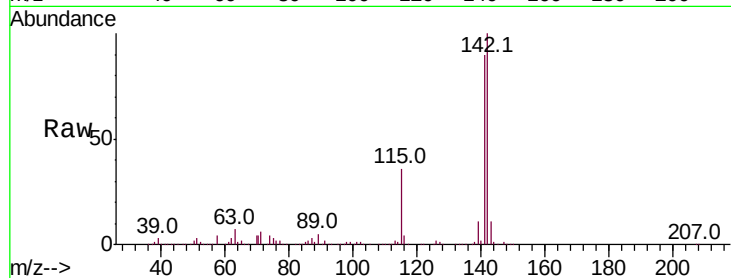
#37
2-Methylnaphthalene
Concen: 40.379 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.2	106.8
115	35.5	29.1	43.7

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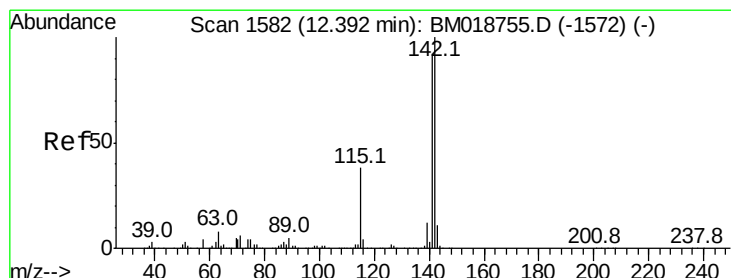
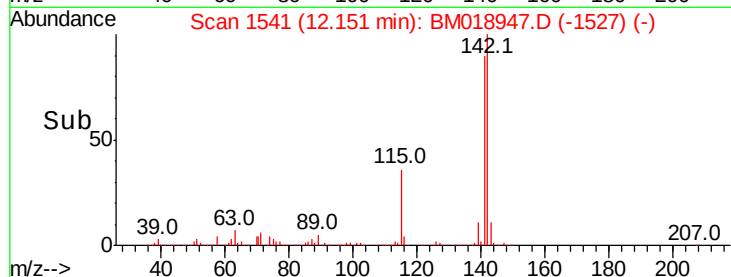
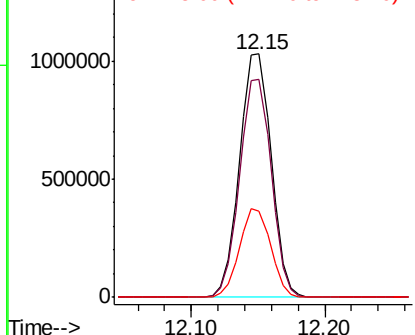


Abundance

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: 40.230 ng
RT: 12.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

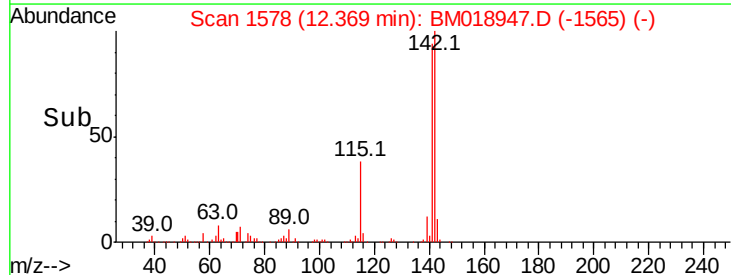
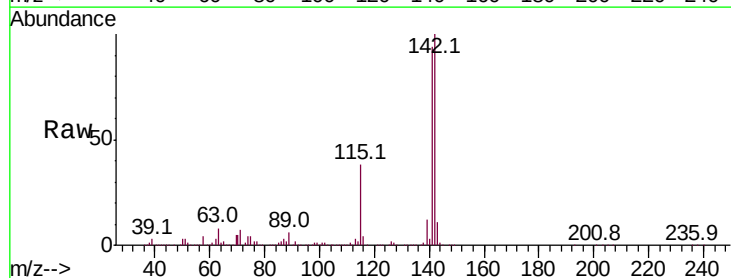
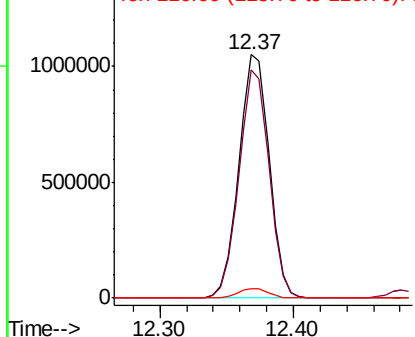
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.9	110.9
116	3.8	3.0	4.4

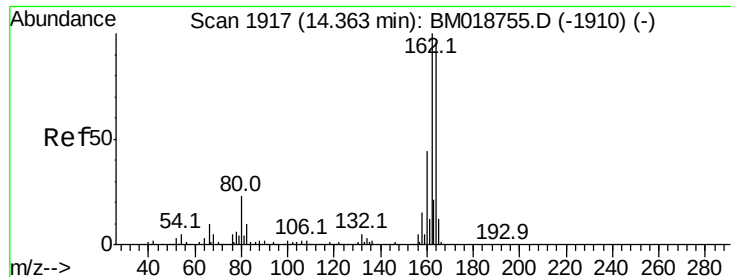
Abundance

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





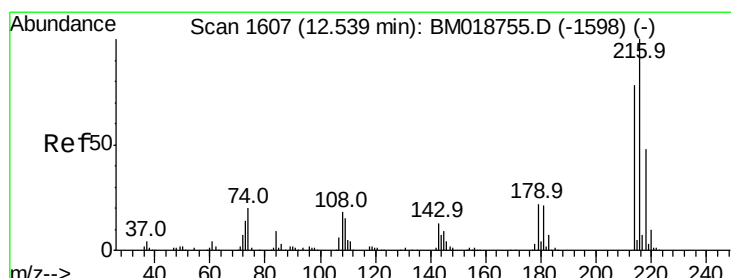
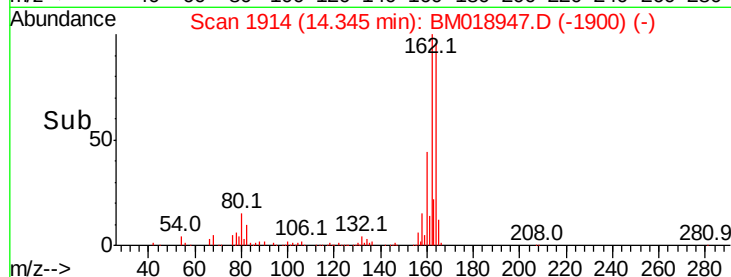
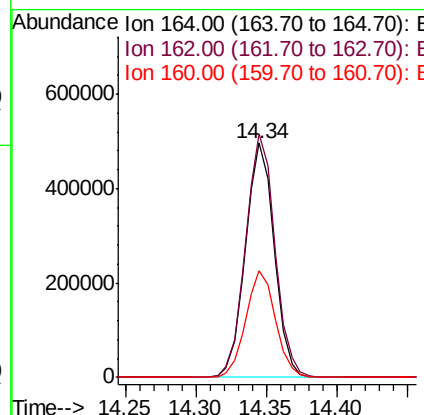
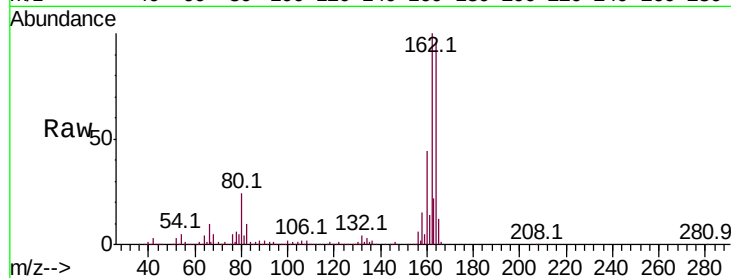
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.4	125.0
160	45.3	36.6	55.0

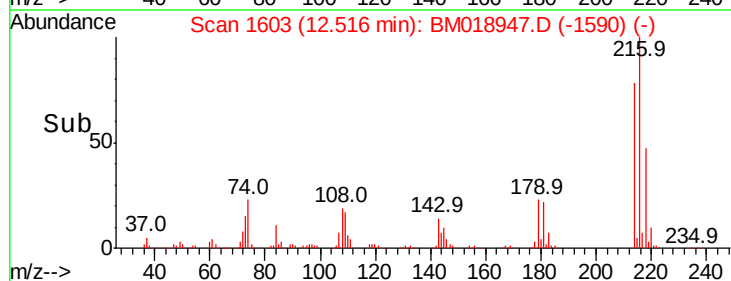
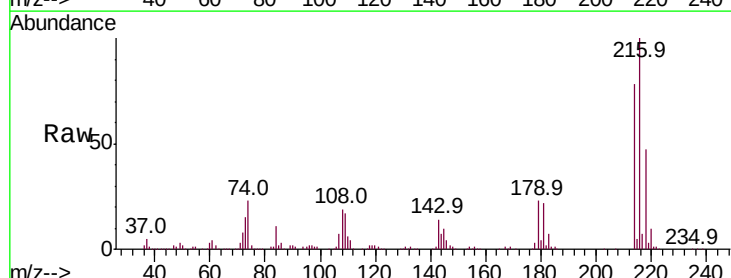
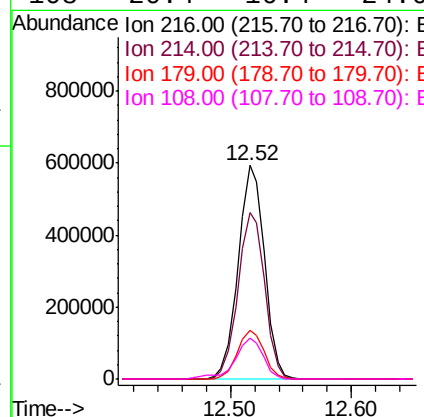
Manual Integrations
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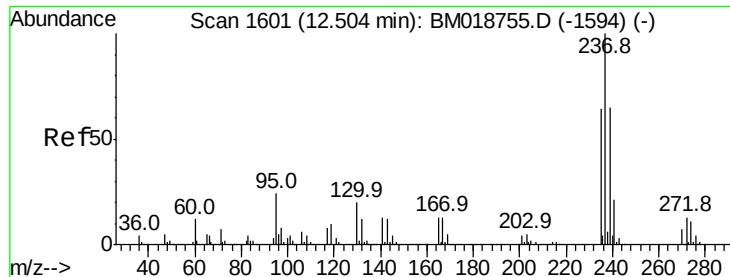
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2/28/2019 1:33:17 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.747 ng
RT: 12.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	22.9	17.8	26.8
108	20.4	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 32.767 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

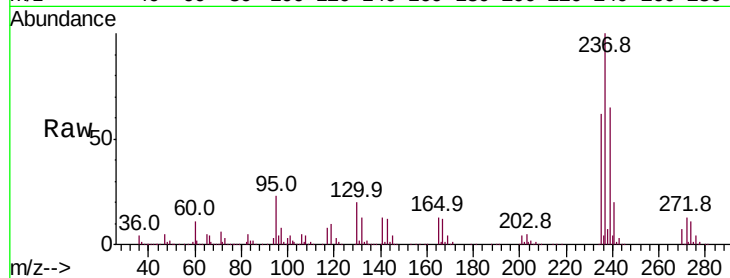
ClientSampleId :

SSTDCCC040

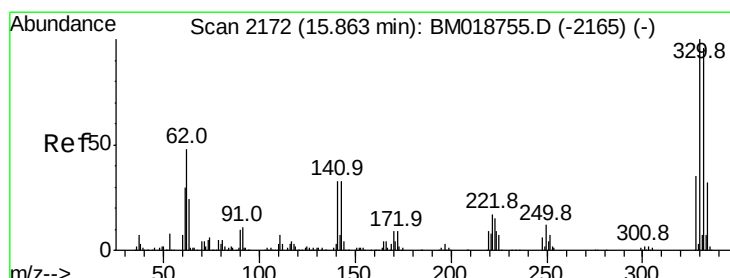
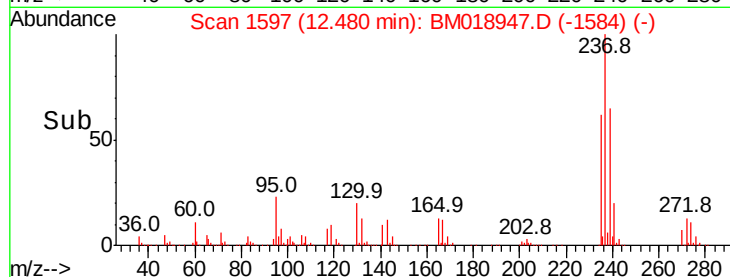
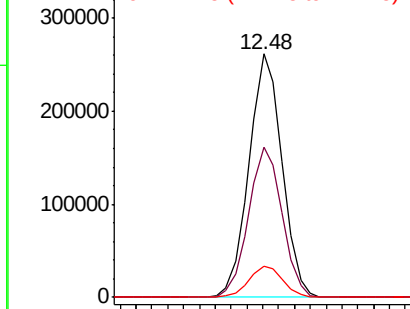
Tot Ion:	237	Resp:	379599
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.7	83.7
272	12.9	0.0	33.3

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: 83.020 ng

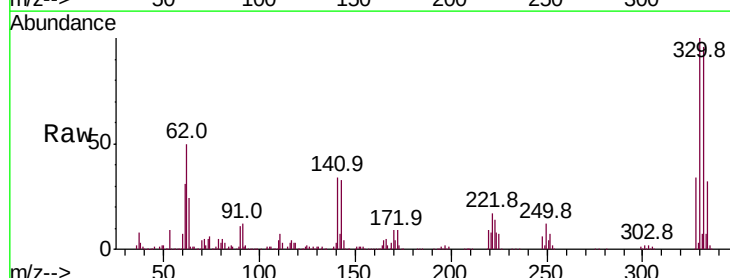
RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

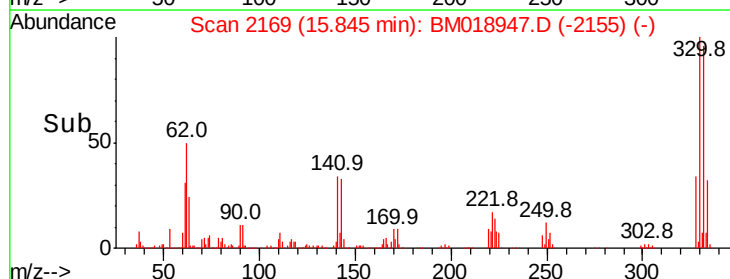
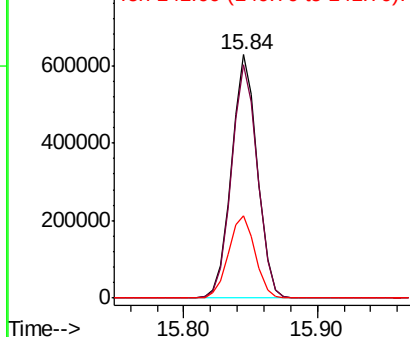
Lab File: BM018947.D

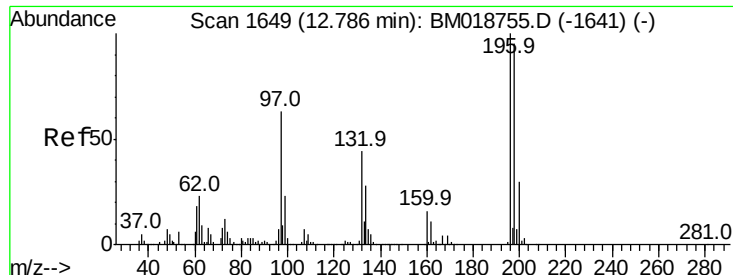
Acq: 27 Feb 2019 13:43

Tgt Ion:	330	Resp:	847658
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.9	115.3
141	34.9	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





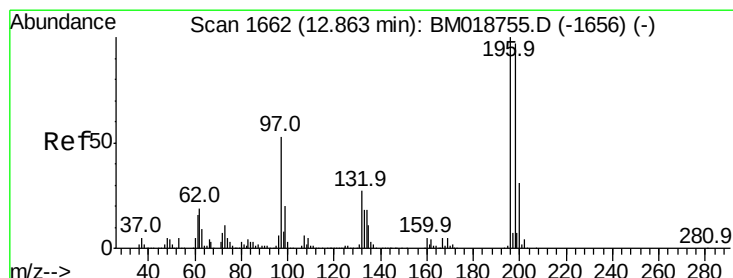
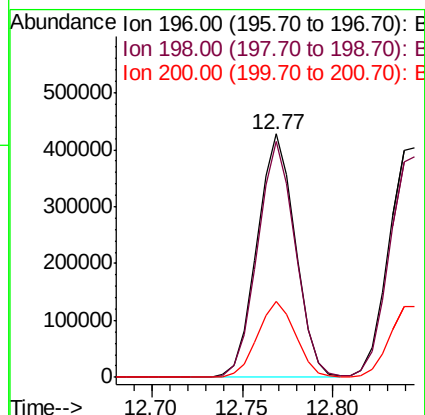
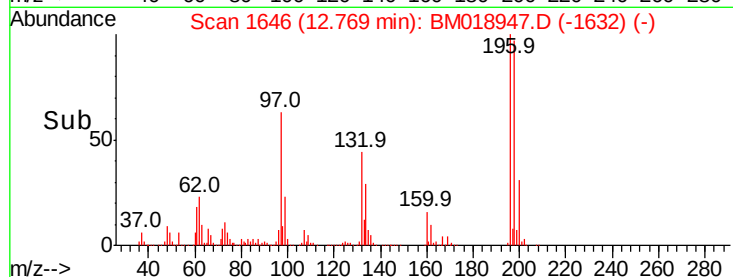
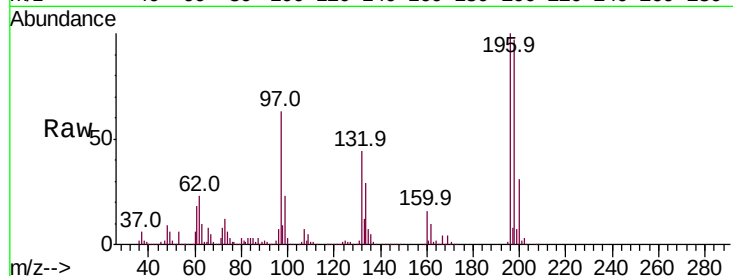
#43
 2,4,6-Trichlorophenol
 Concen: 41.731 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

Instrument :
 BNA_M
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	625962		
198	96.8	76.2	114.2	
200	31.0	24.2	36.2	

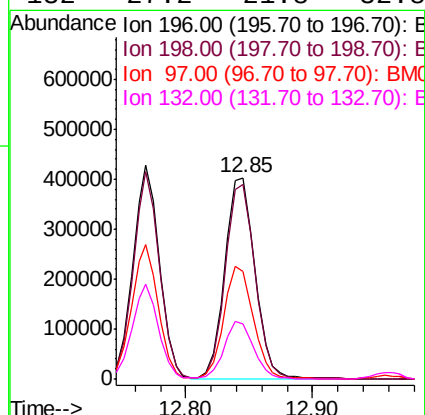
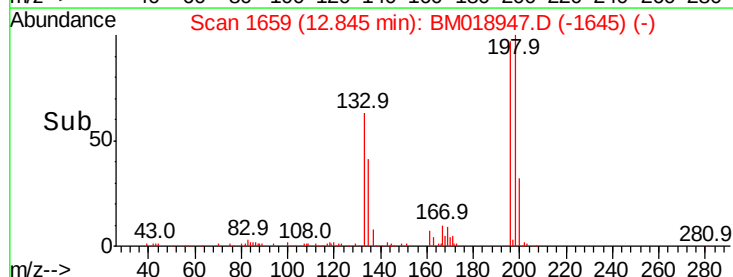
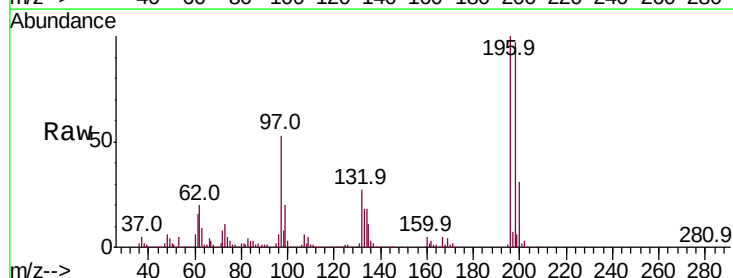
Manual Integrations
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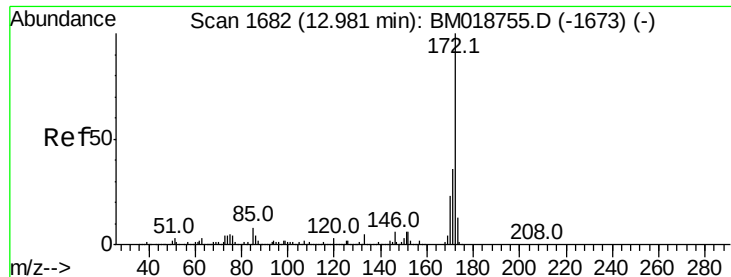
Sohil
 2/28/2019 1:33:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.809 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	657329		
198	96.5	77.6	116.4	
97	53.2	42.8	64.2	
132	27.2	21.8	32.8	





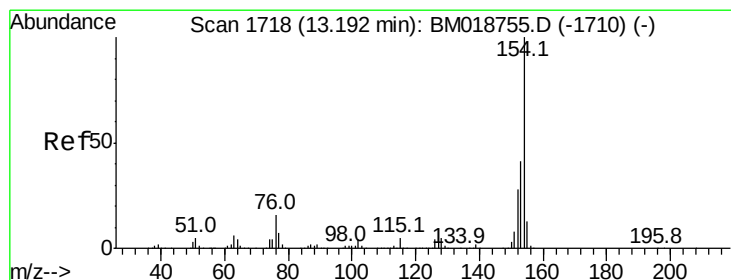
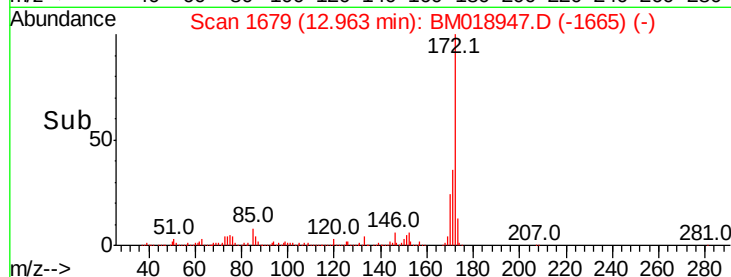
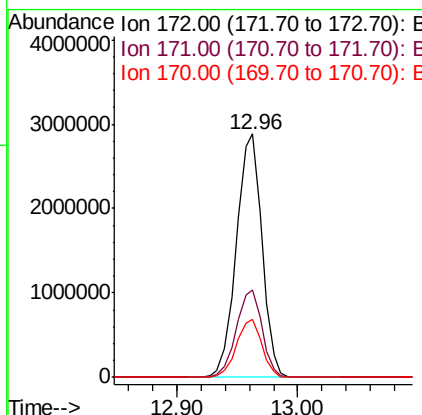
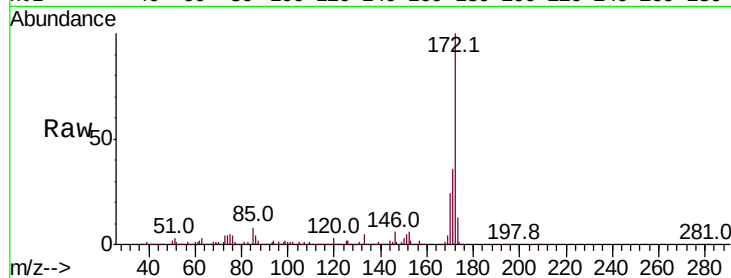
#45
2-Fluorobiphenyl
Concen: 80.005 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.6	18.6	28.0

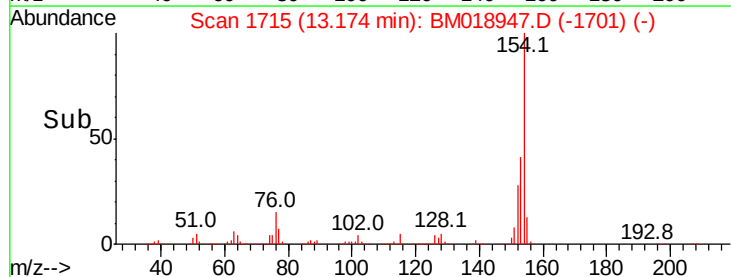
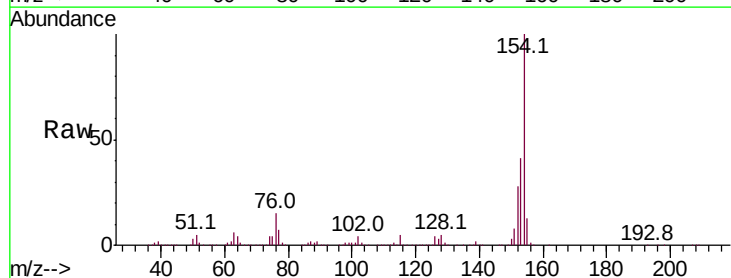
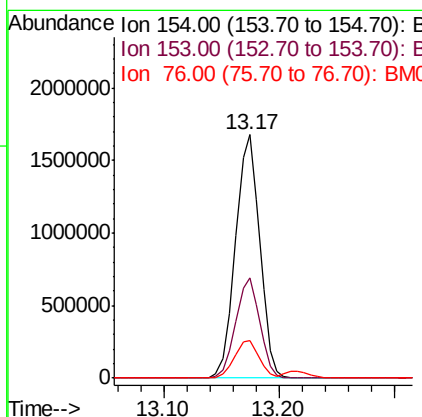
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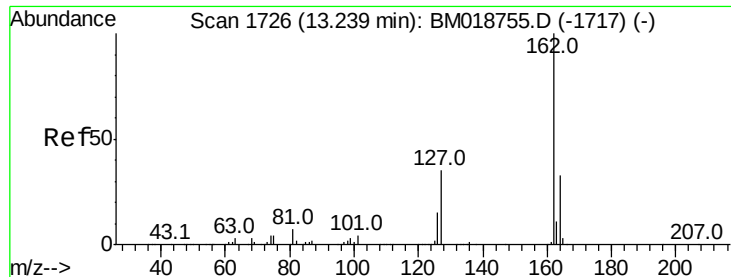
Sohil
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#46
1,1'-Biphenyl
Concen: 39.866 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	15.5	0.0	35.7





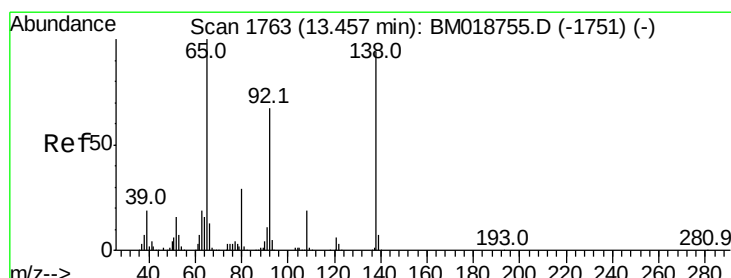
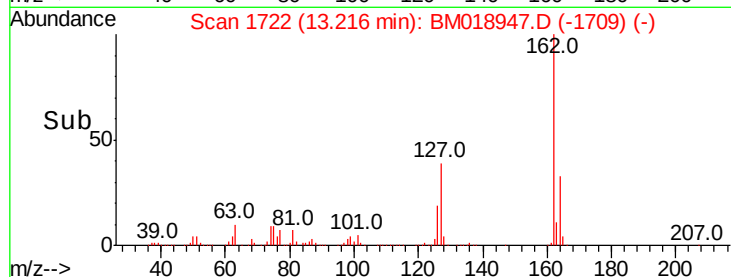
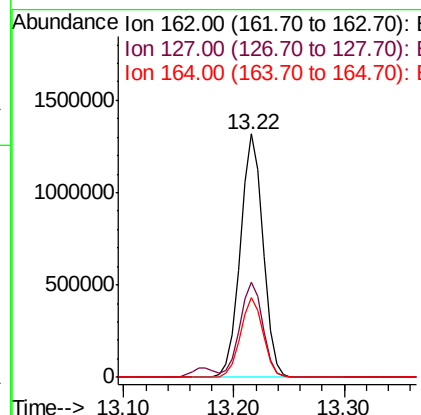
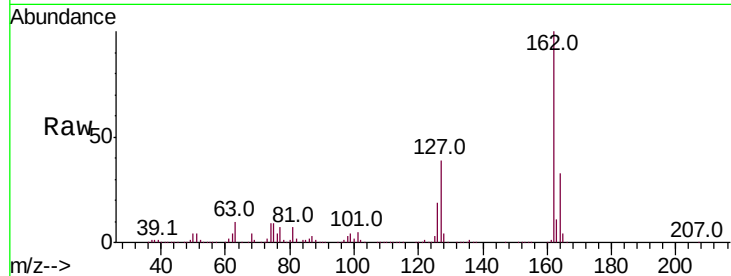
#47
2-Chloronaphthalene
Concen: 40.515 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	33.0	26.4	39.6

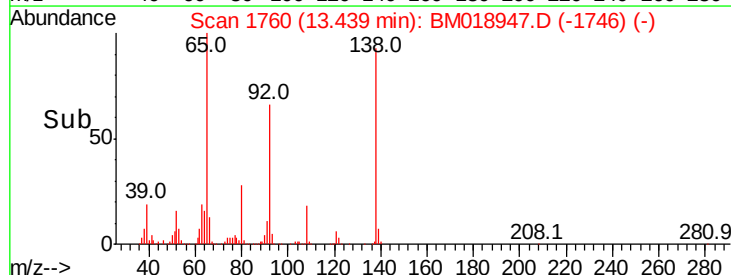
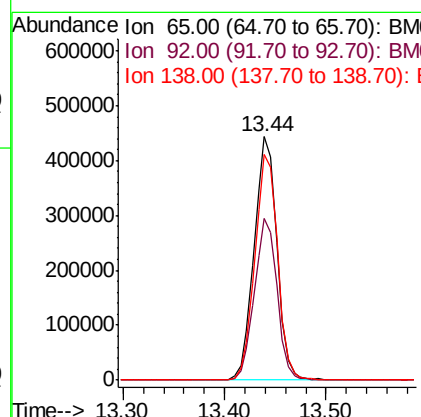
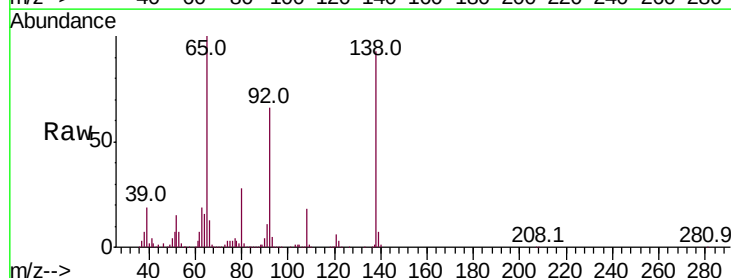
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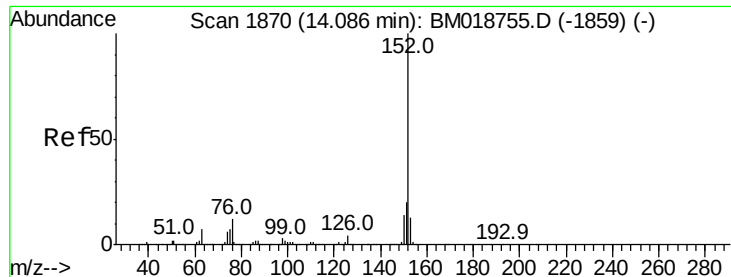
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#48
2-Nitroaniline
Concen: 44.067 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.0	81.0
138	92.7	74.9	112.3





#49

Acenaphthylene

Concen: 40.622 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

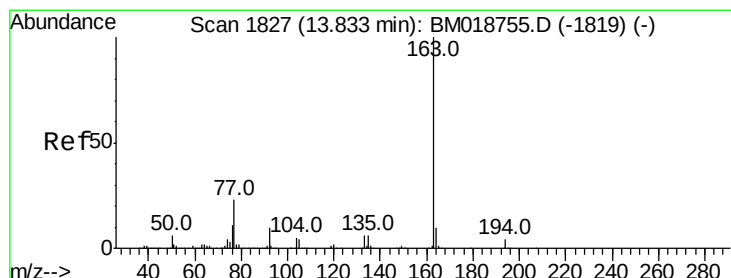
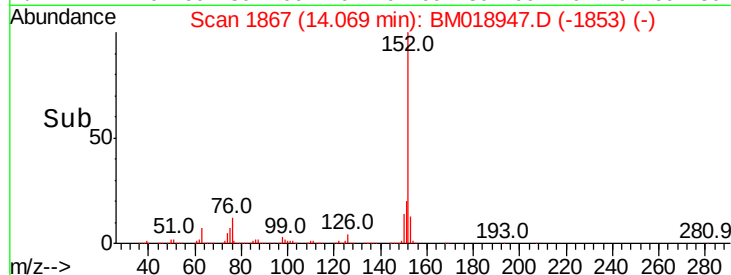
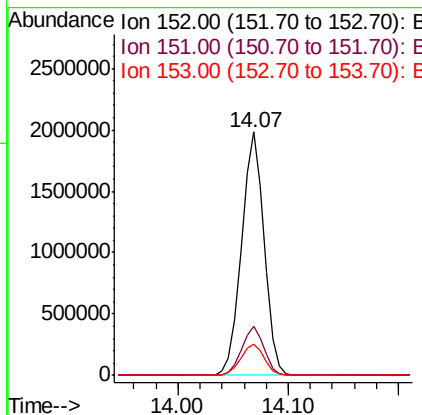
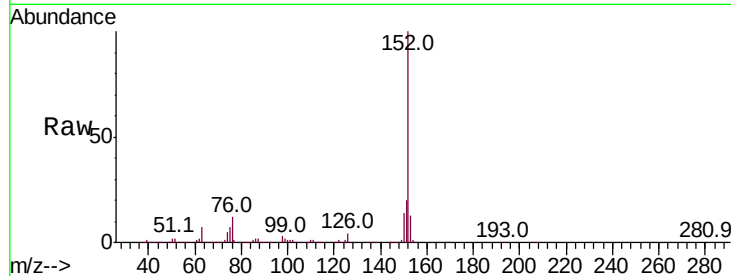
ClientSampled :

SSTDCCC040

Tot Ion:	152	Resp:	2848501
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.557 ng

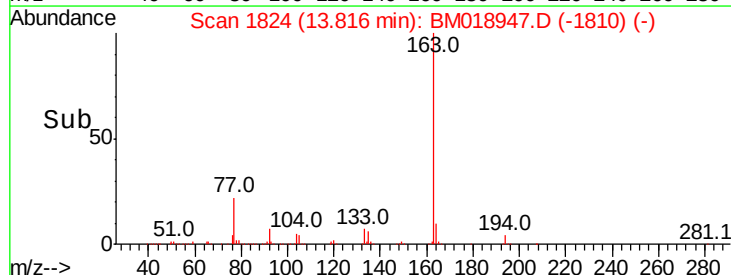
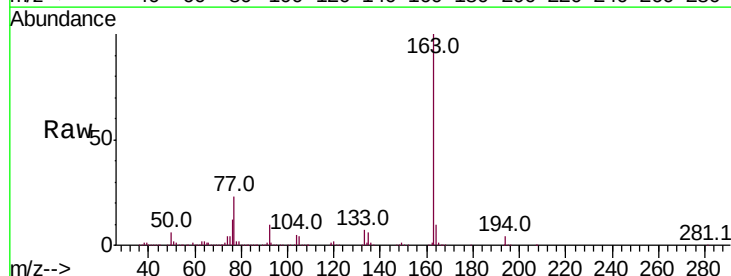
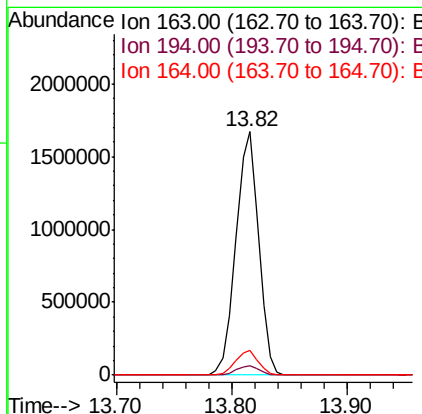
RT: 13.82 min Scan# 1824

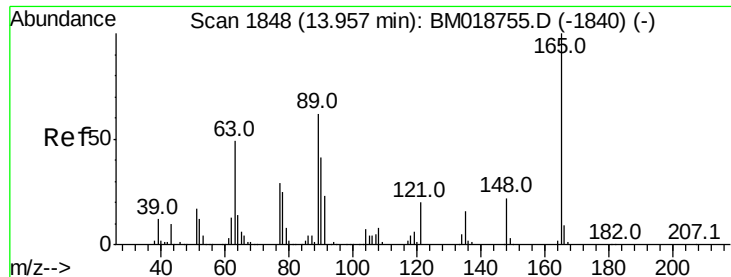
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion:	163	Resp:	2276108
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.8	11.8





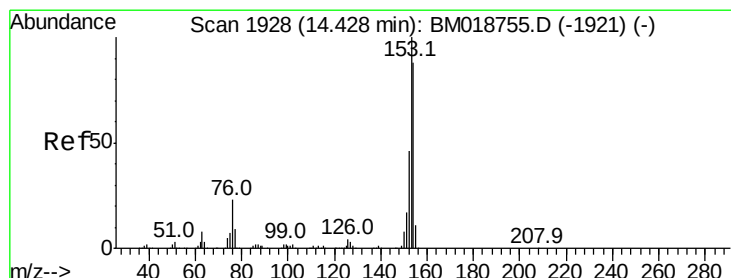
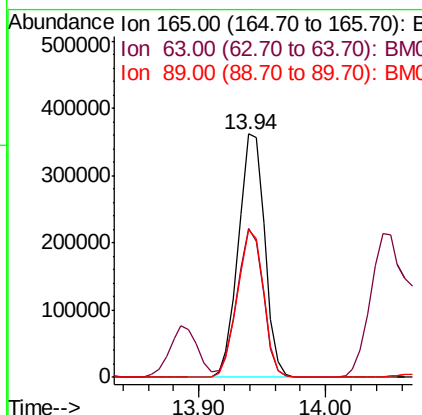
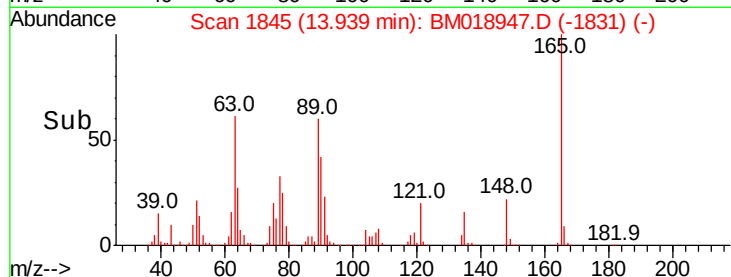
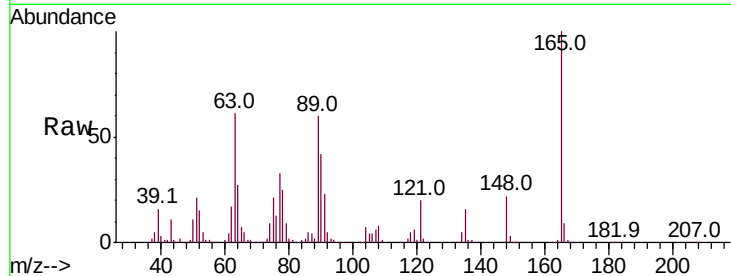
#51
2,6-Dinitrotoluene
Concen: 40.733 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.3	48.9	73.3
89	60.5	49.4	74.0

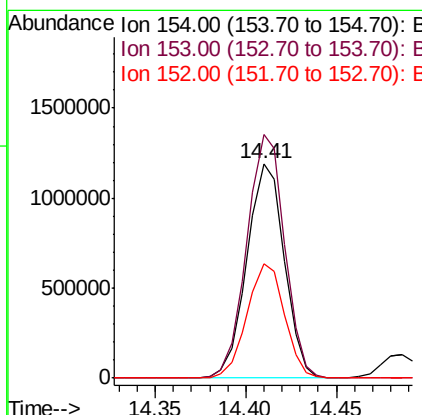
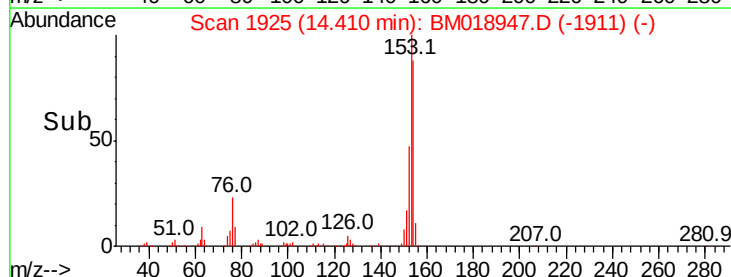
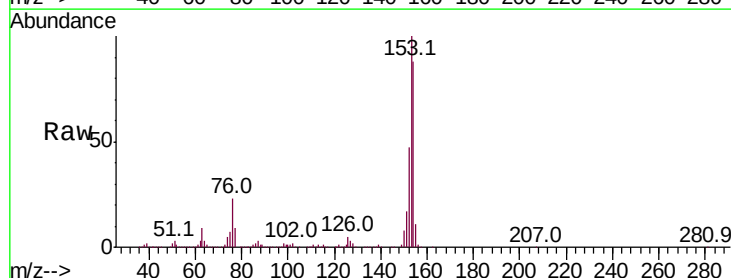
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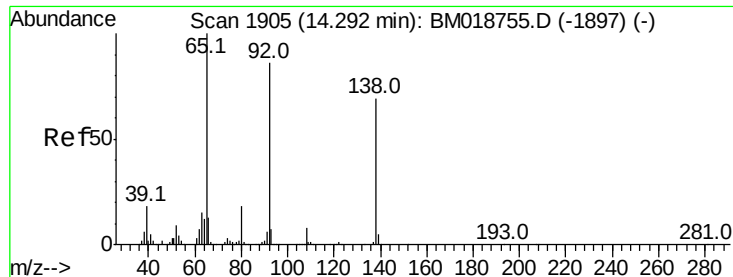
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#52
Acenaphthene
Concen: 39.902 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.3	136.9
152	53.4	42.2	63.4





#53

3-Nitroaniline

Concen: 38.892 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

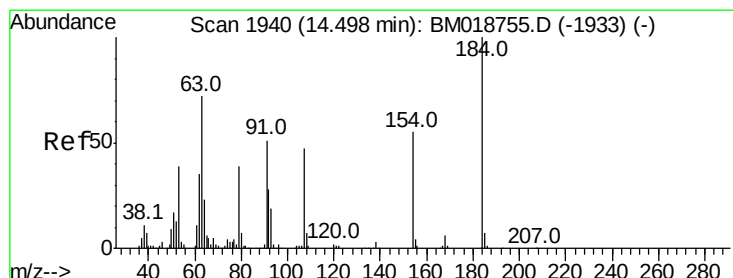
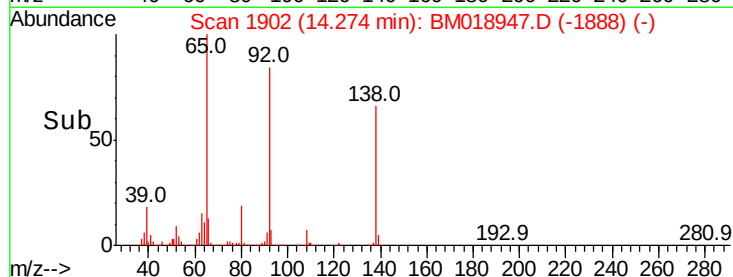
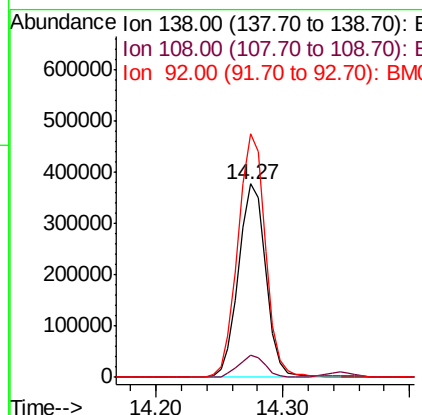
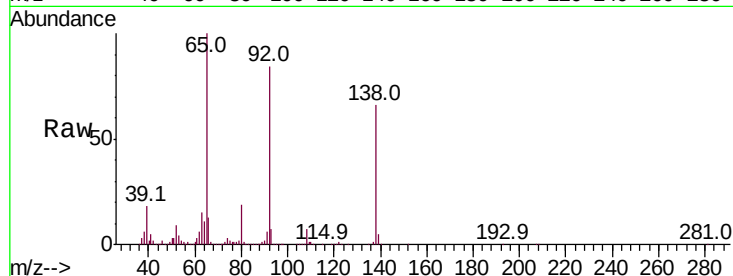
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.1	13.7
92	126.0	99.7	149.5

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 41.685 ng

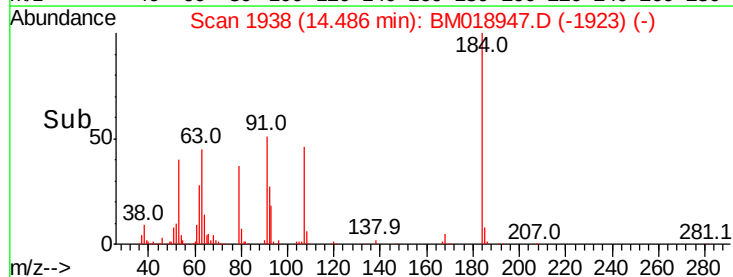
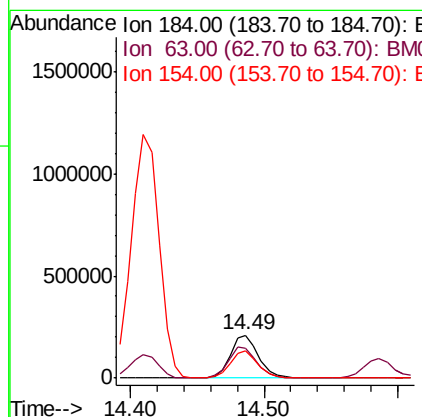
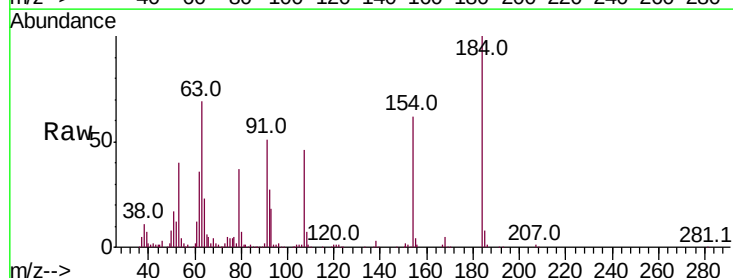
RT: 14.49 min Scan# 1938

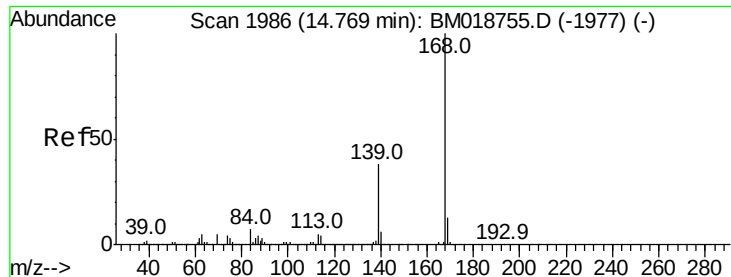
Delta R.T. -0.01 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.9	58.0	87.0
154	61.9	50.3	75.5





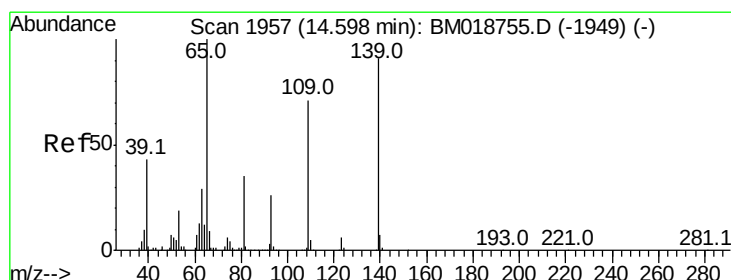
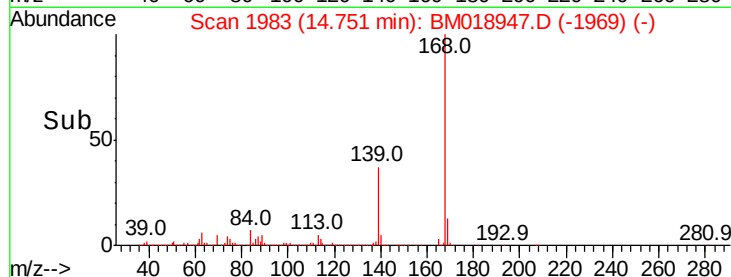
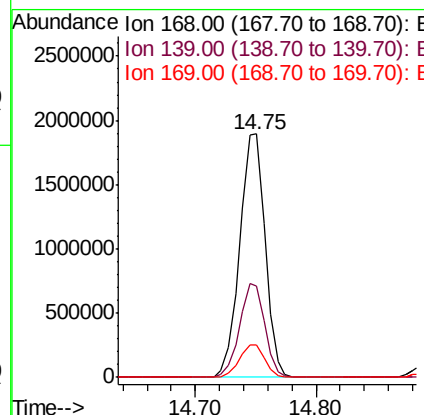
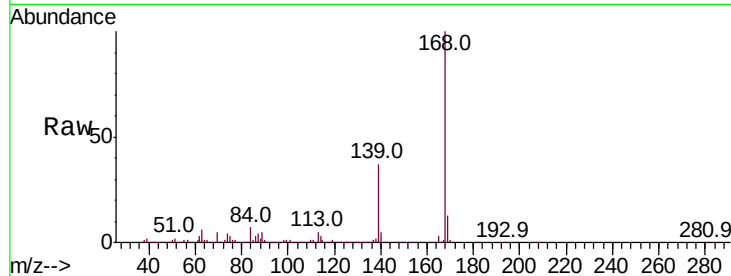
#55
Dibenzofuran
Concen: 39.432 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.7	46.1
169	13.1	10.3	15.5

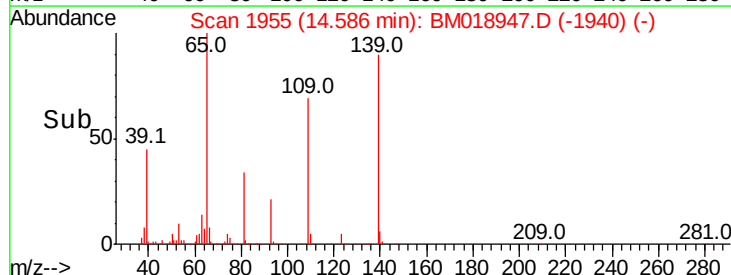
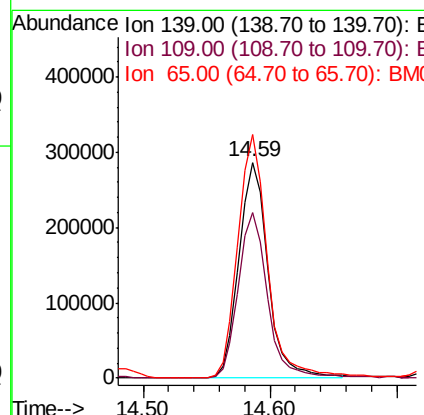
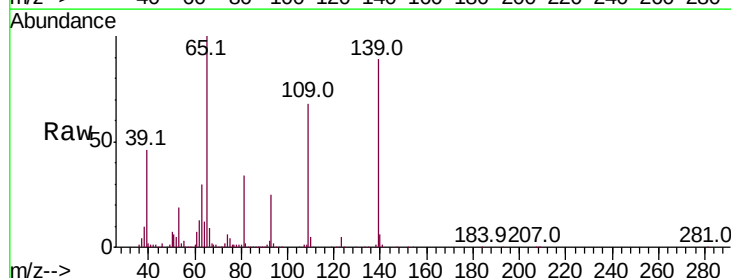
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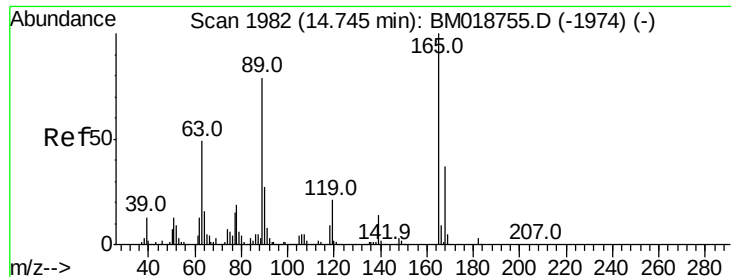
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#56
4-Nitrophenol
Concen: 39.599 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	58.4	98.4
65	112.9	89.8	129.8





#57

2,4-Dinitrotoluene

Concen: 41.484 ng

RT: 14.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

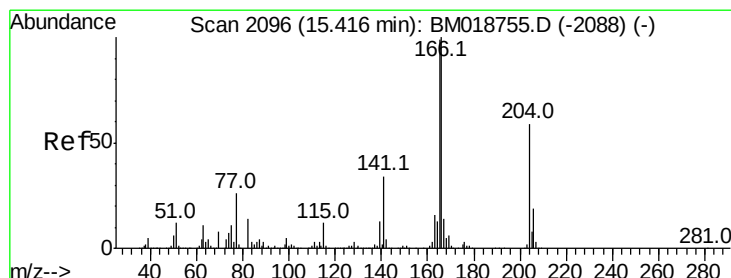
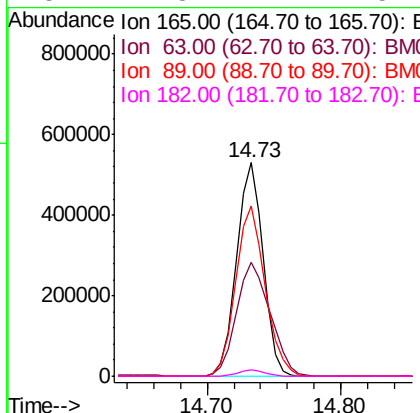
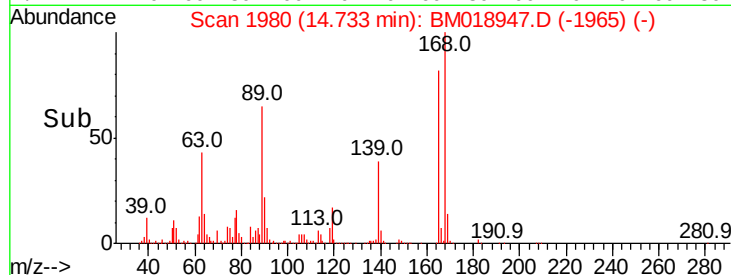
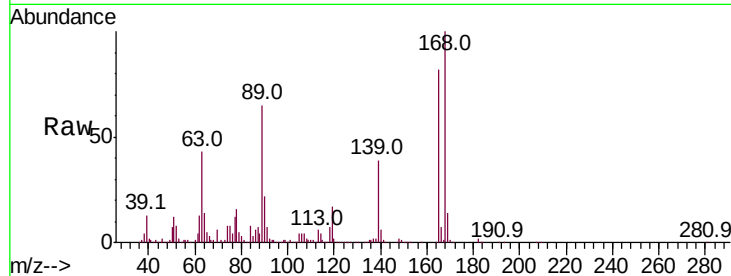
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	730900
Ion Ratio	Lower	Upper	
165	100		
63	53.1	39.6	59.4
89	80.0	63.5	95.3
182	2.8	2.2	3.4

Manual Integrations
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#58

Fluorene

Concen: 39.548 ng

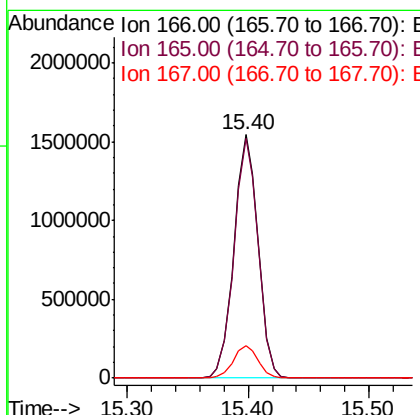
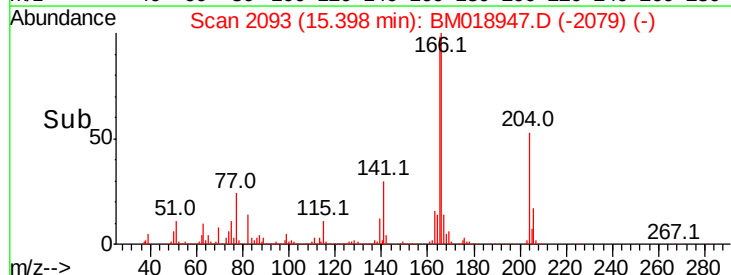
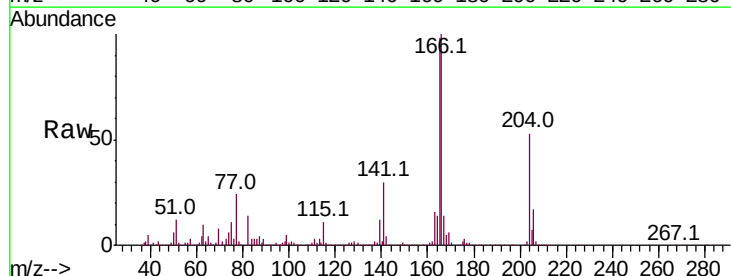
RT: 15.40 min Scan# 2093

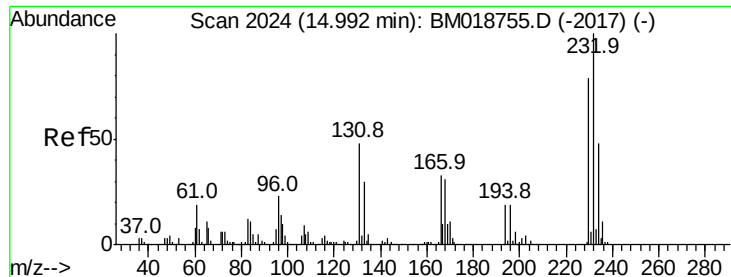
Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion:	166	Resp:	2138230
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.1	118.7
167	13.5	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.086 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

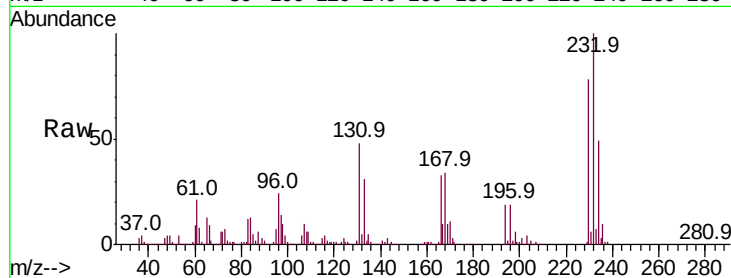
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.4	38.6	57.8
130	2.6	2.0	3.0
166	34.0	26.9	40.3

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2/28/2019 1:33:17 PM



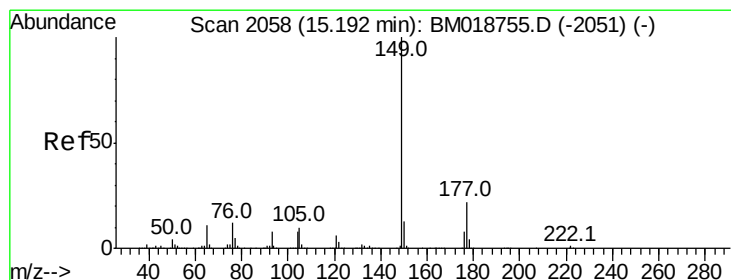
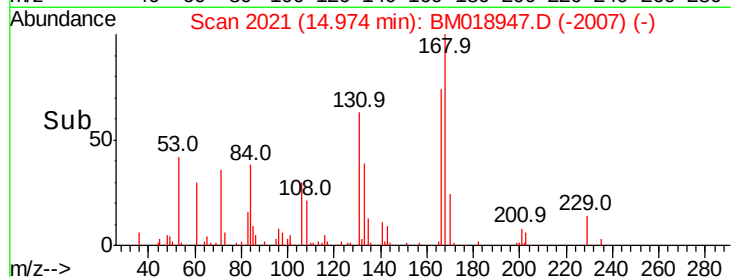
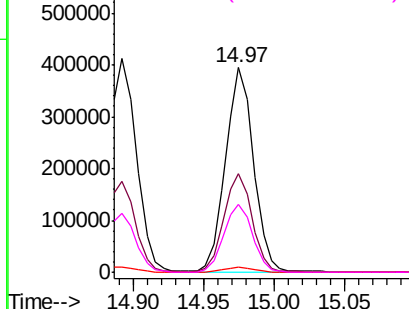
Abundance

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: 39.004 ng

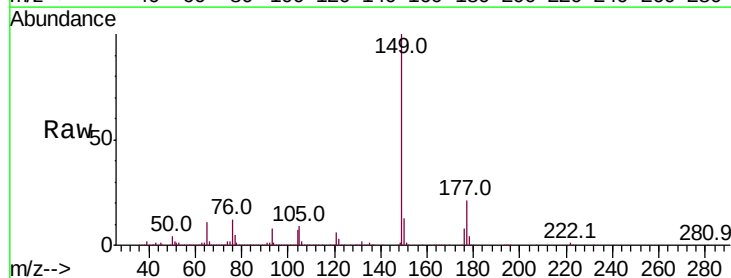
RT: 15.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.6	10.2	15.2

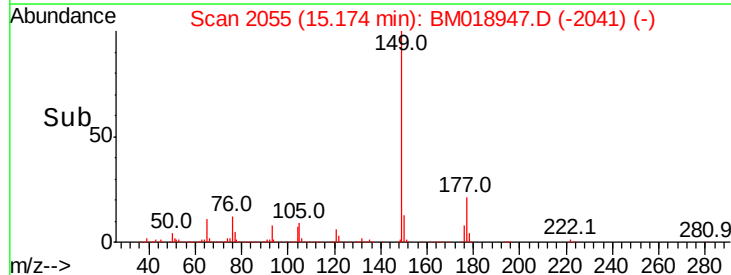
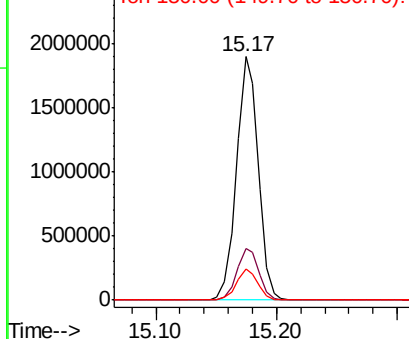


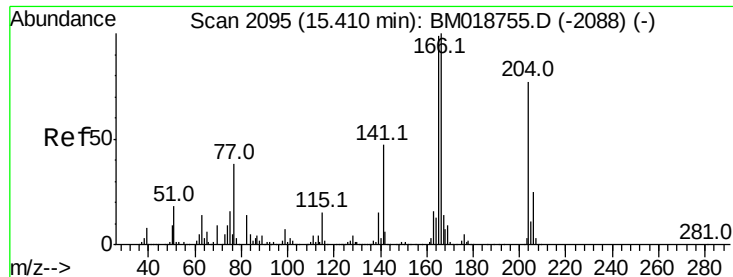
Abundance

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: 38.424 ng

RT: 15.39 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:204 Resp: 1164810

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

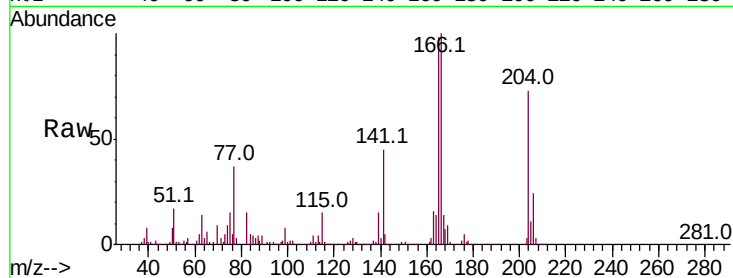
141 61.2 49.2 73.8

Manual Integrations

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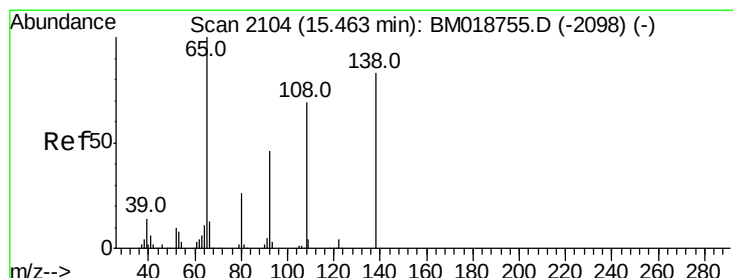
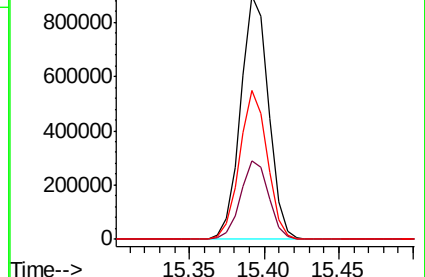
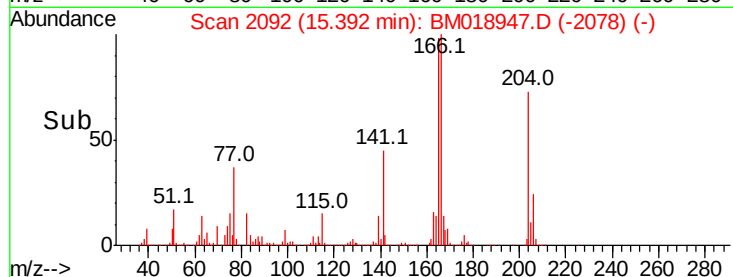
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 38.219 ng

RT: 15.44 min Scan# 2101

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

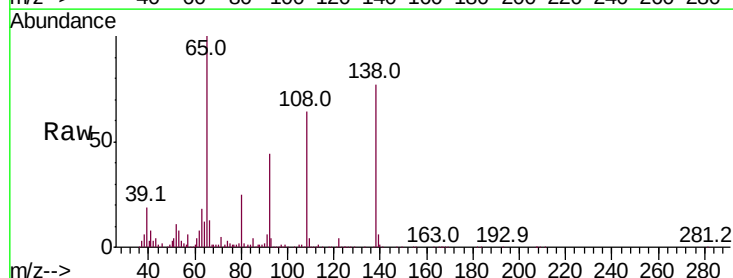
Tgt Ion:138 Resp: 541365

Ion Ratio Lower Upper

138 100

92 57.7 35.5 75.5

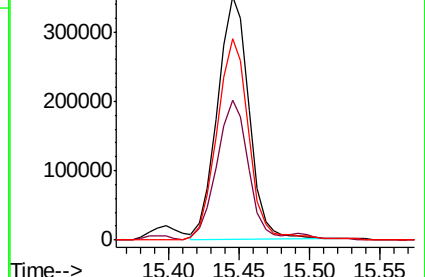
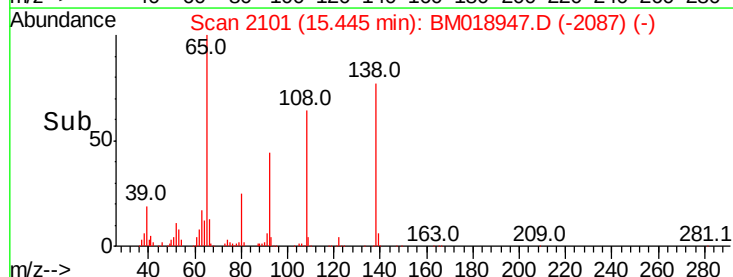
108 82.9 62.4 102.4

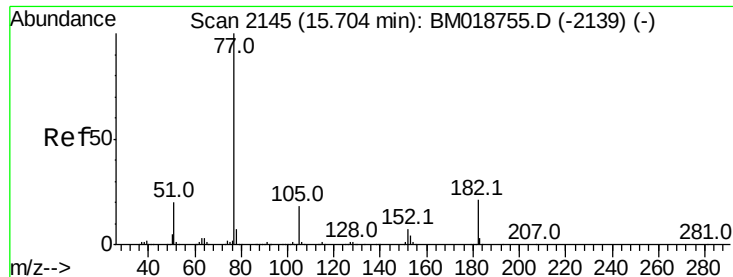


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.162 ng

RT: 15.69 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 2622239

Ion Ratio Lower Upper

77 100

182 20.9 1.0 41.0

105 17.9 0.0 37.7

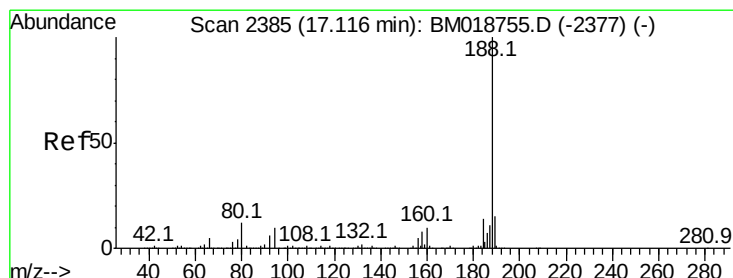
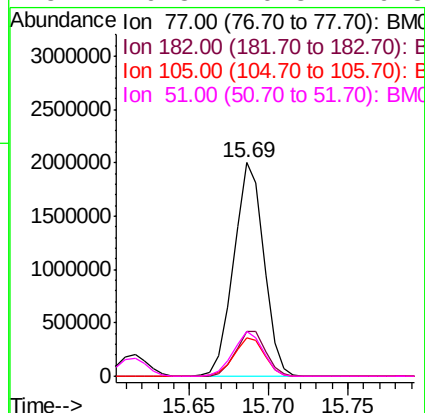
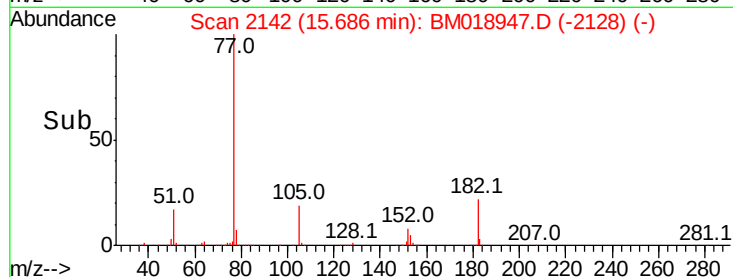
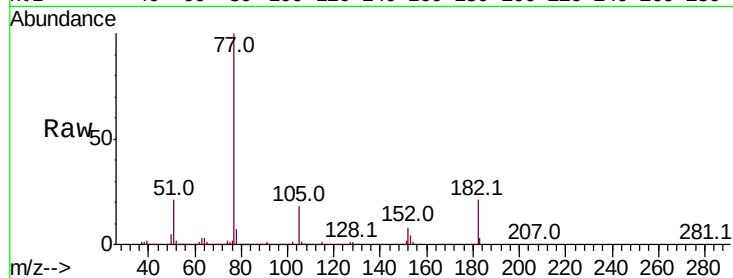
51 20.8 0.3 40.3

Manual Integrations

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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: BM018947.D

Acq: 27 Feb 2019 13:43

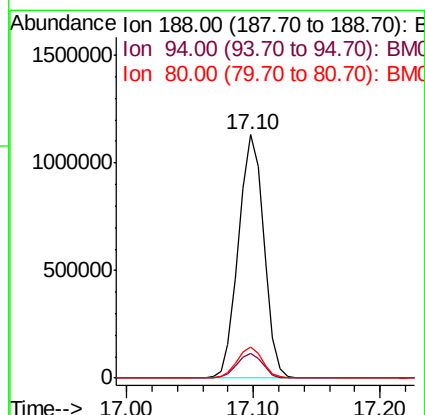
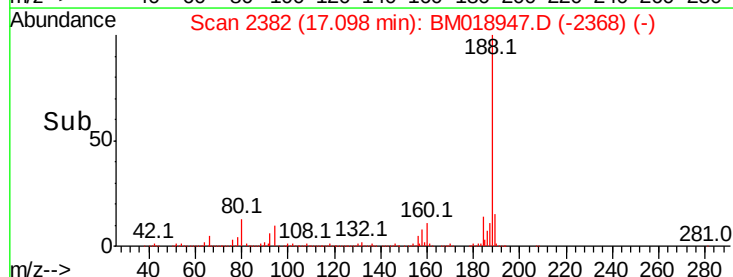
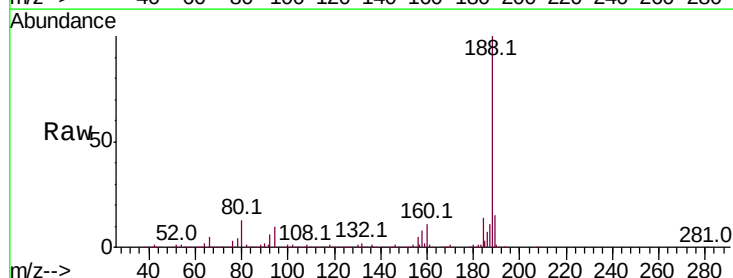
Tgt Ion: 188 Resp: 1565619

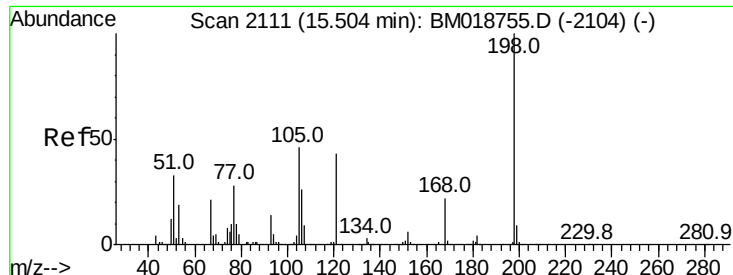
Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 12.6 9.7 14.5





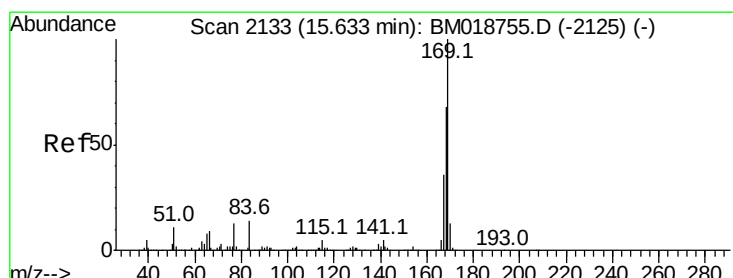
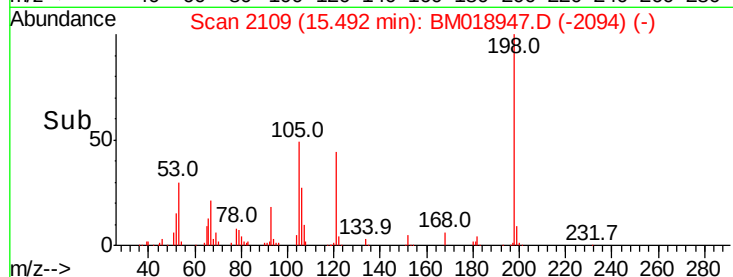
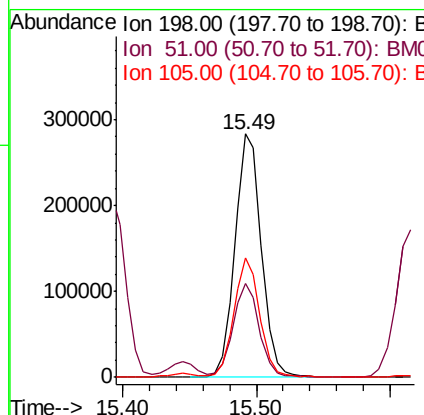
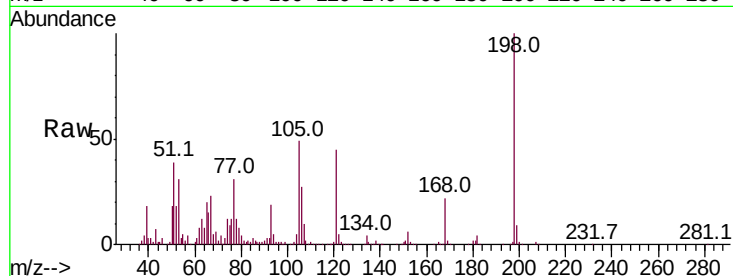
#65
4,6-Dinitro-2-methylphenol
Concen: 35.652 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	391899		
51	38.7		18.4	58.4
105	48.8		27.2	67.2

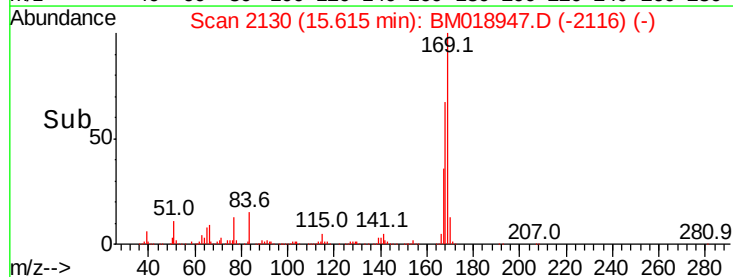
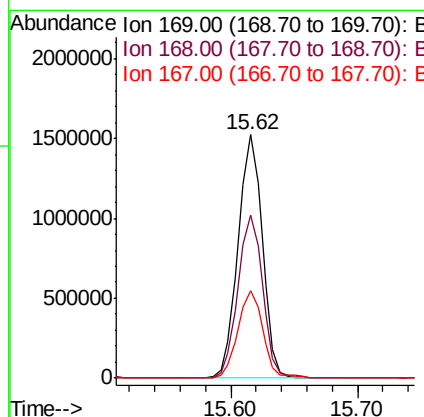
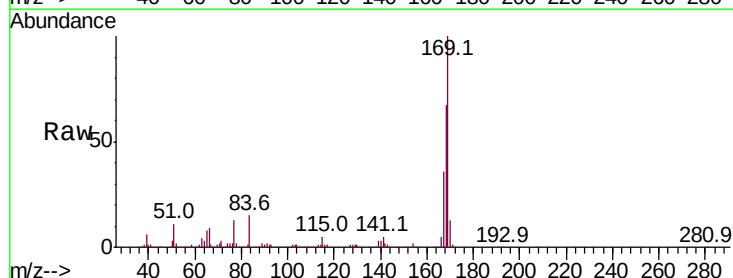
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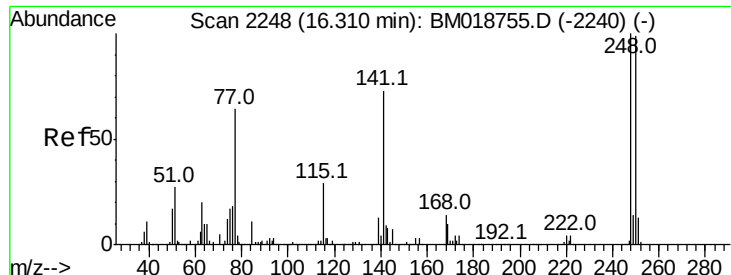
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#66
n-Nitrosodiphenylamine
Concen: 40.587 ng
RT: 15.62 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2007623		
168	67.1		54.4	81.6
167	36.0		29.0	43.6





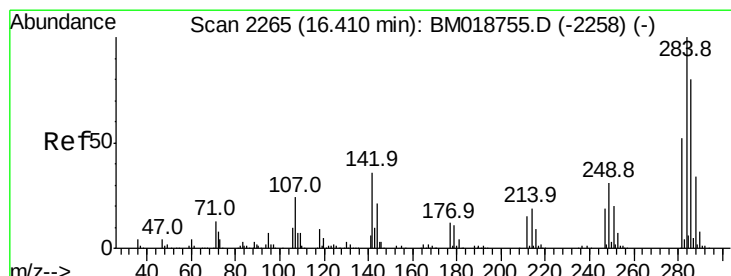
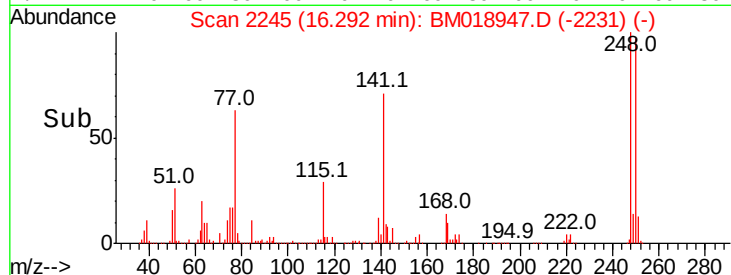
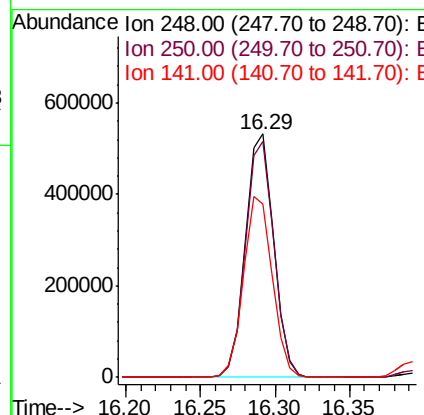
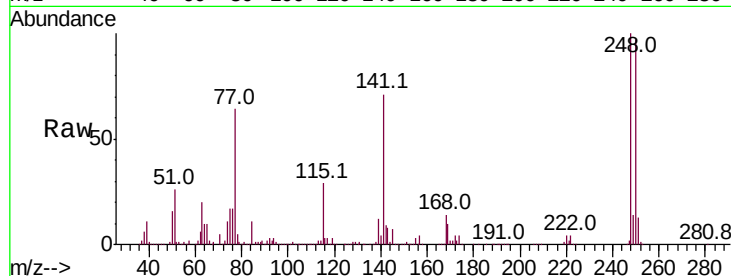
#67
4-Bromophenyl-phenylether
Concen: 39.874 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.0	118.6
141	71.4	58.6	88.0

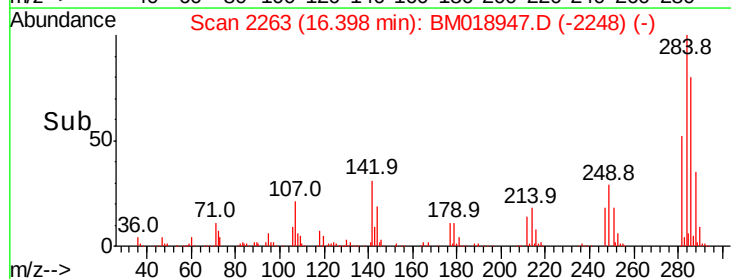
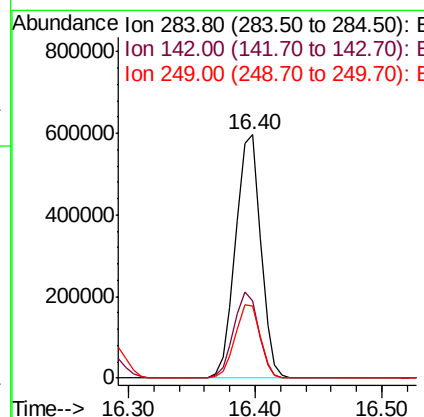
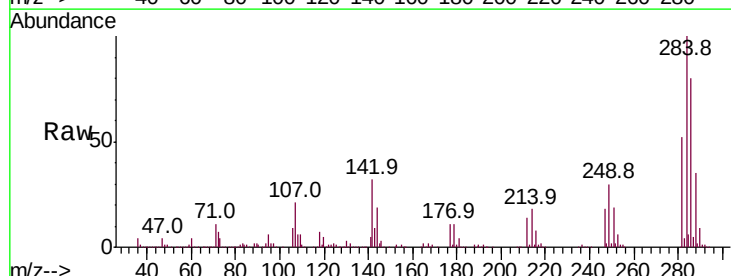
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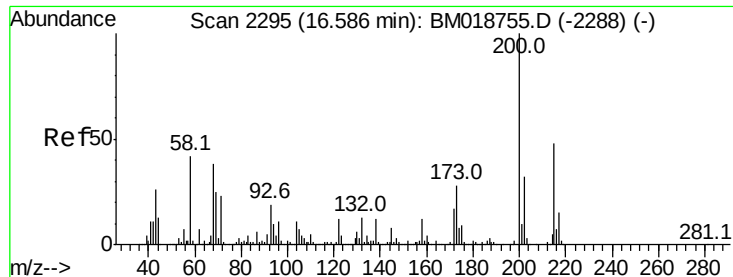
Sohil
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#68
Hexachlorobenzene
Concen: 40.048 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	28.9	43.3
249	29.7	24.8	37.2





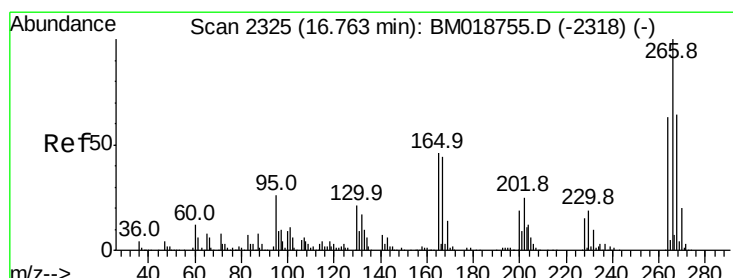
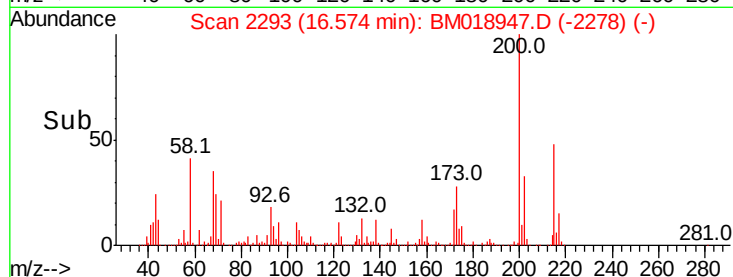
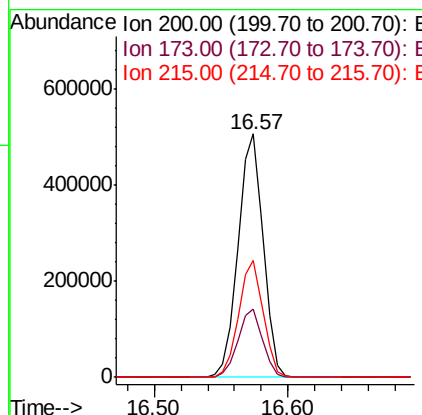
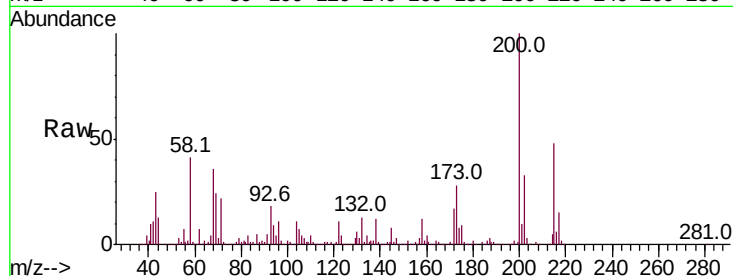
#69
Atrazine
Concen: 41.355 ng
RT: 16.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.6	47.6
215	48.1	27.6	67.6

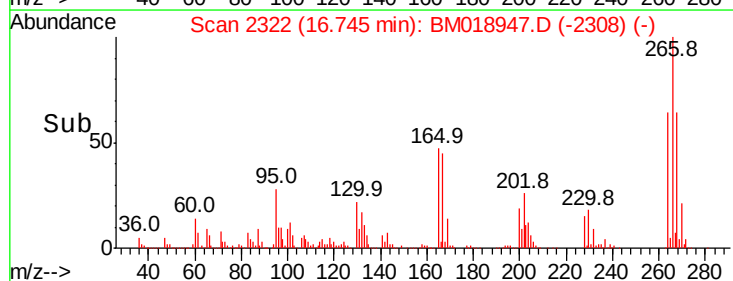
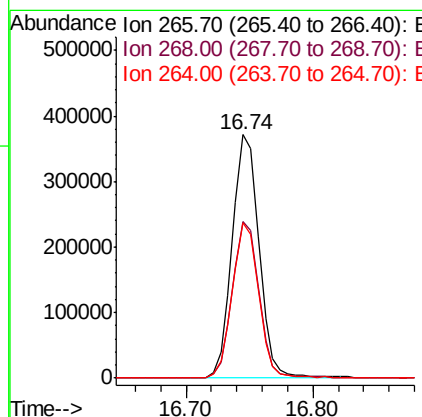
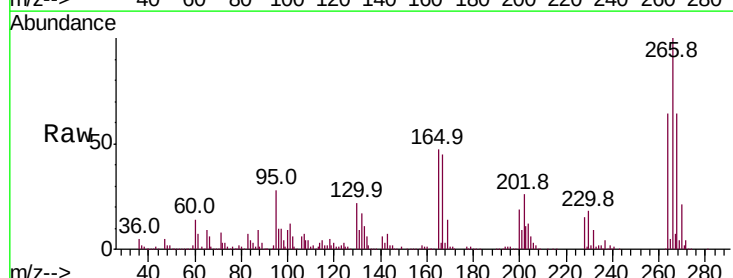
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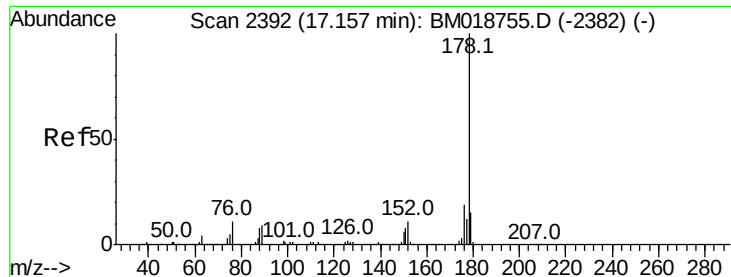
Sohil
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#70
Pentachlorophenol
Concen: 41.416 ng
RT: 16.74 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.3	76.9
264	63.6	50.6	75.8





#71

Phenanthrene

Concen: 39.611 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3332834

Ion Ratio Lower Upper

178 100

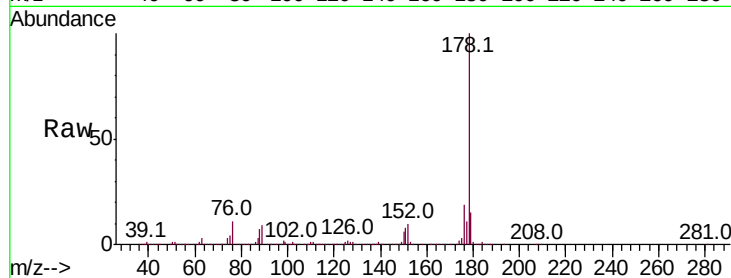
176 19.0 15.4 23.0

179 15.1 12.3 18.5

Manual Integrations
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Sohil

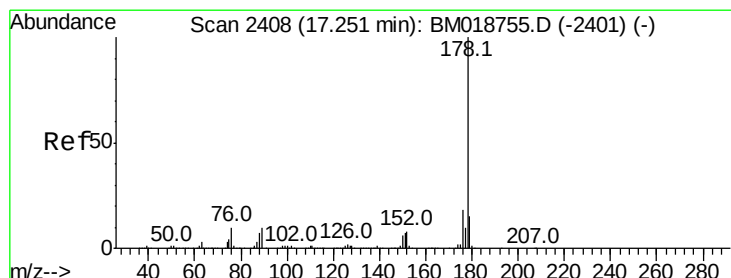
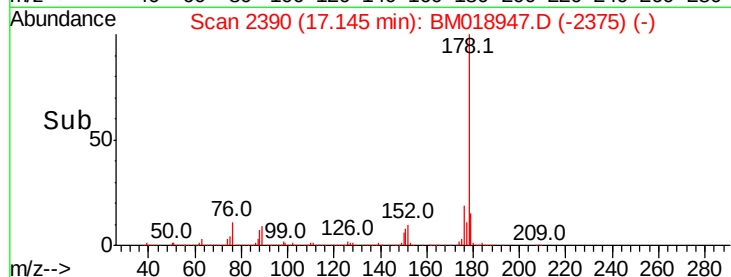
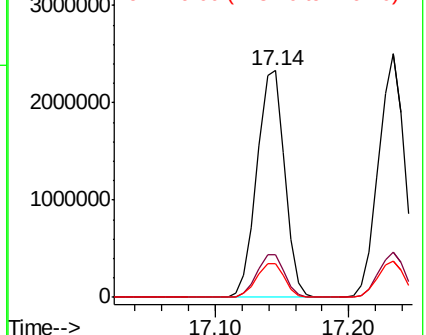
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.952 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

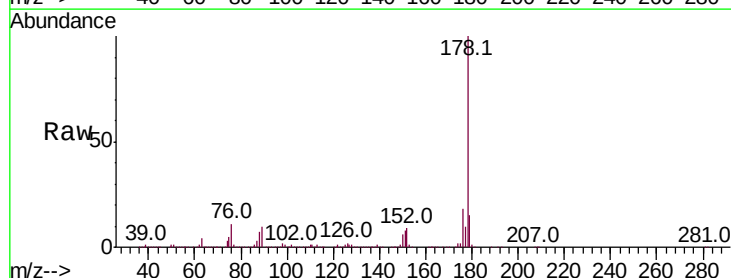
Tgt Ion:178 Resp: 3353726

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

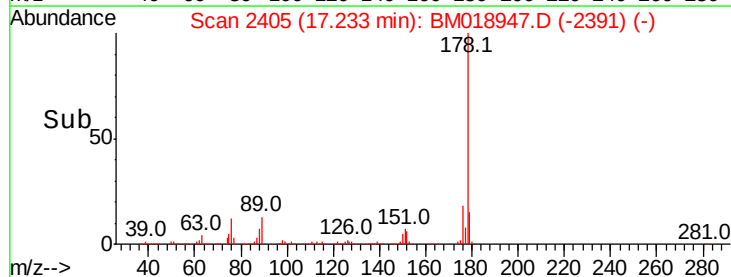
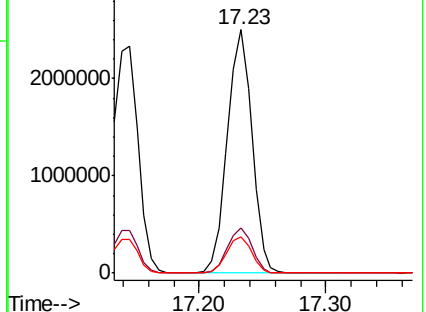
179 15.1 12.1 18.1

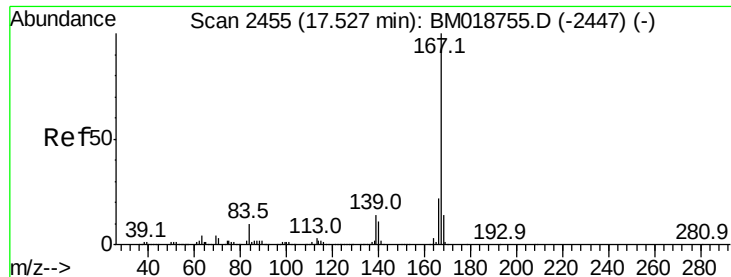


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





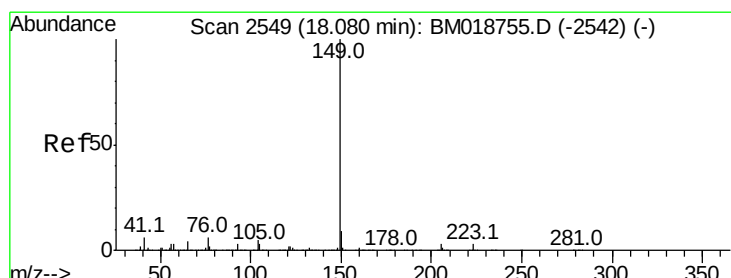
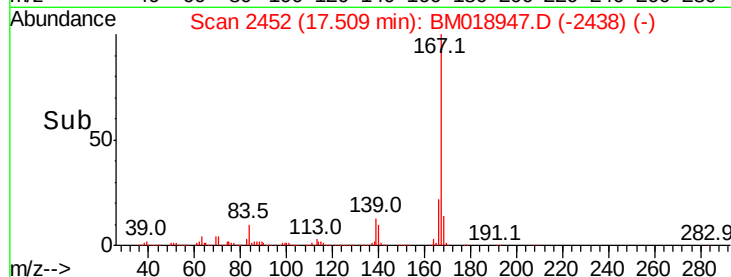
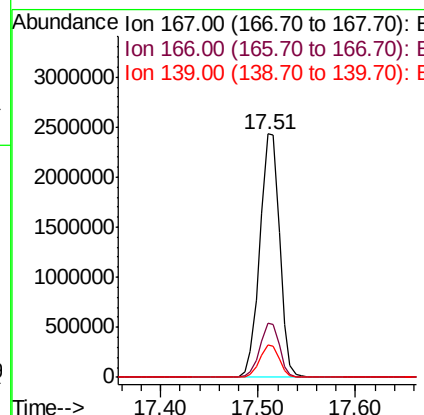
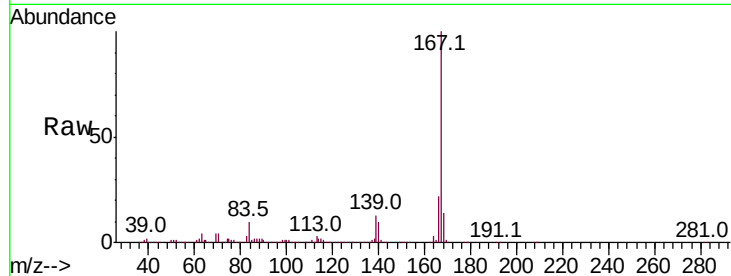
#73
 Carbazole
 Concen: 40.258 ng
 RT: 17.51 min Scan# 2452
 Delta R.T. -0.02 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.4	10.9	16.3

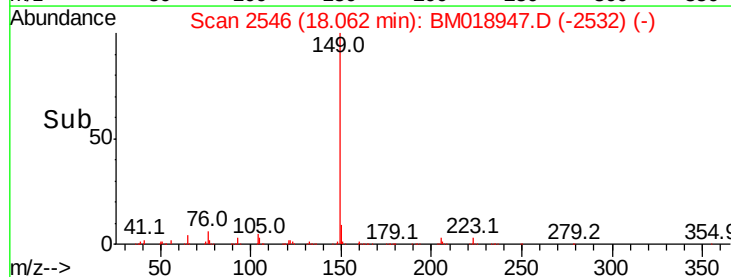
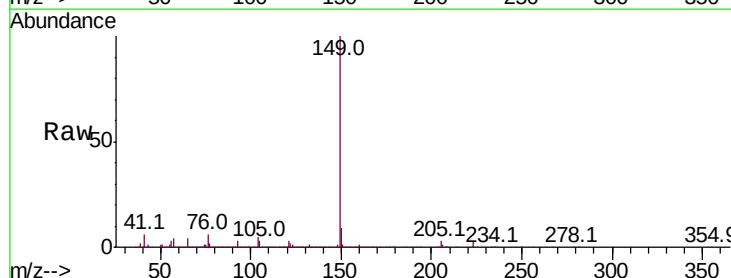
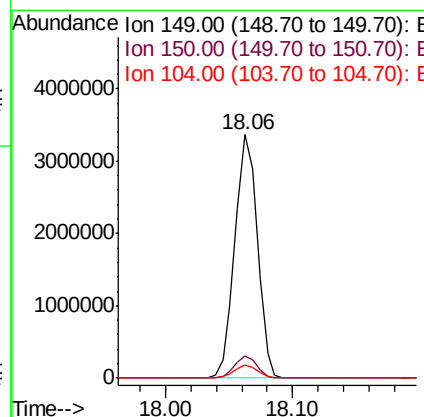
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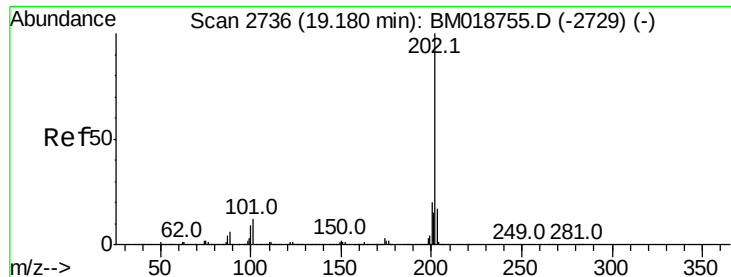
Sohil
 2/28/2019 1:33:17 PM



#74
 Di-n-butylphthalate
 Concen: 41.930 ng
 RT: 18.06 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.3	6.5





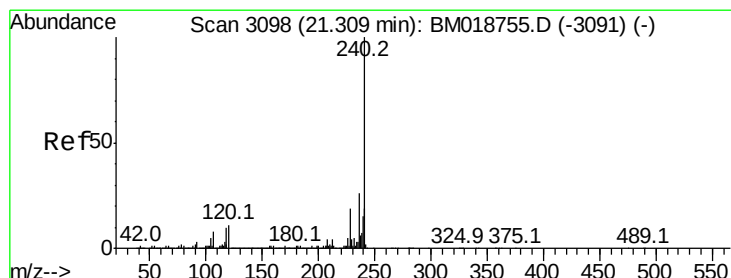
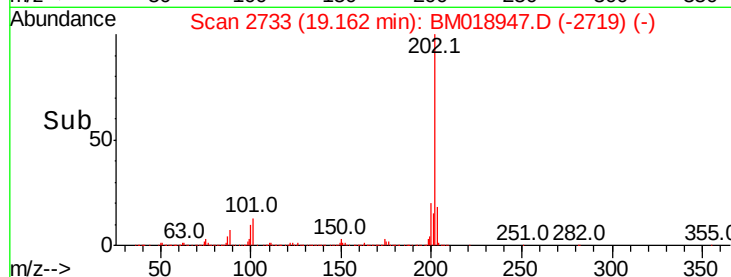
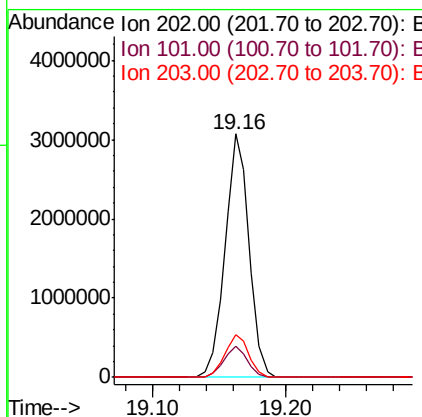
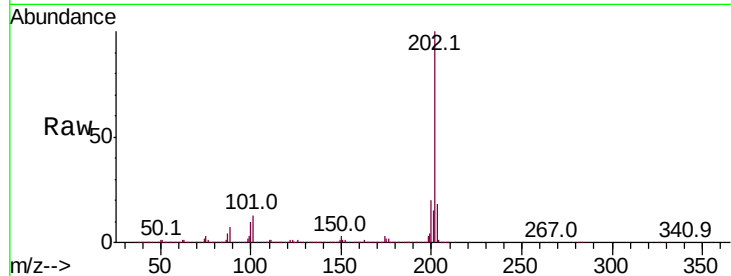
#75
Fluoranthene
Concen: 39.694 ng
RT: 19.16 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	17.7	0.0	37.3

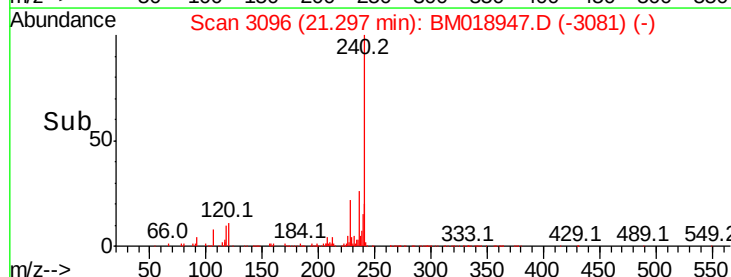
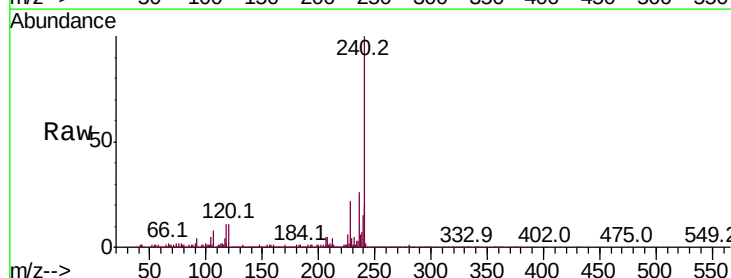
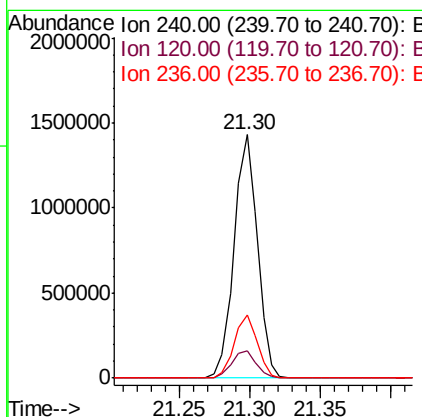
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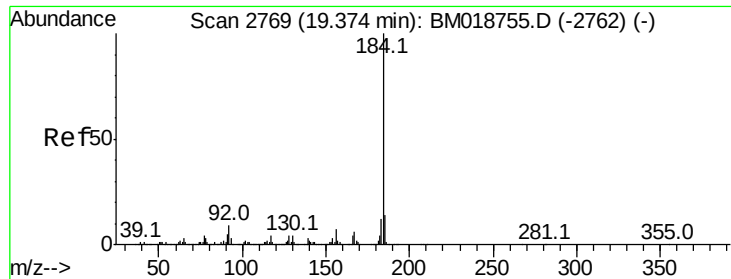
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.1	20.9	31.3





#77

Benzidine

Concen: 33.414 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1243097

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.2	16.8
183	12.6	9.7	14.5

184 100

185 13.6 11.2 16.8

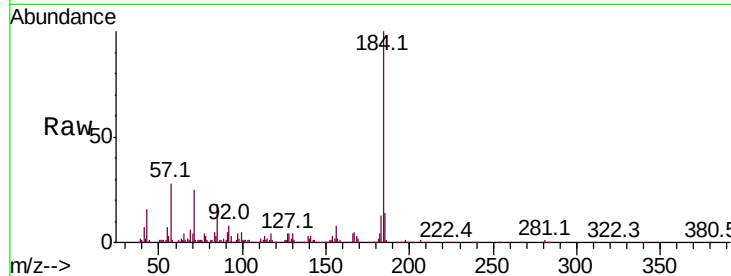
183 12.6 9.7 14.5

Manual Integrations

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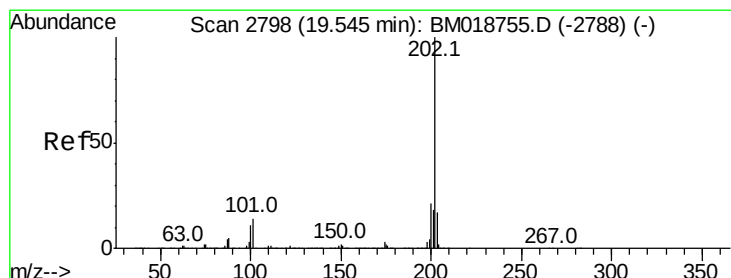
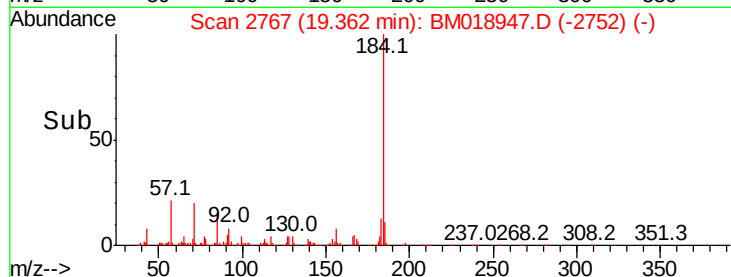
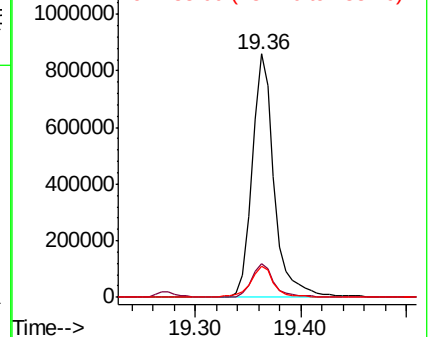


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.723 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

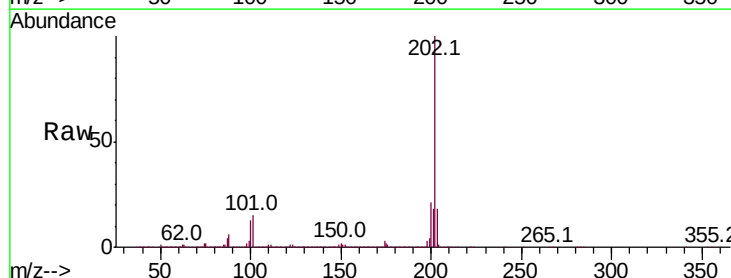
Tgt Ion:202 Resp: 4002965

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.6	13.8	20.8

202 100

200 21.3 16.9 25.3

203 17.6 13.8 20.8

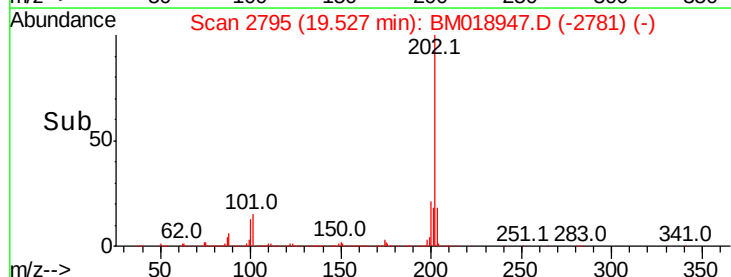
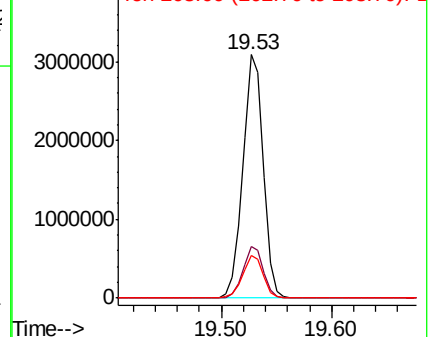


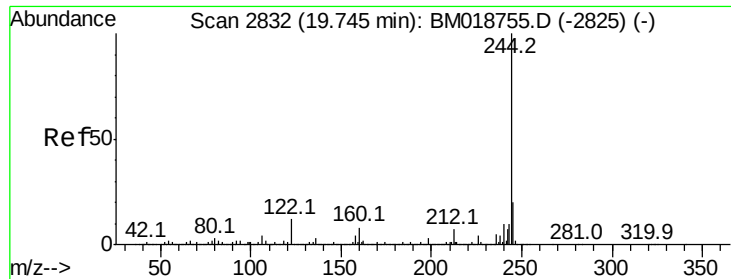
Abundance

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: 86.642 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

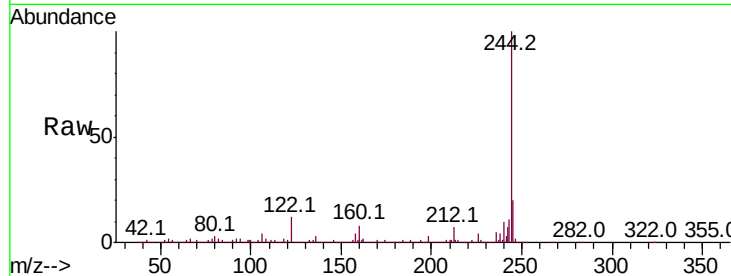
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 6938050

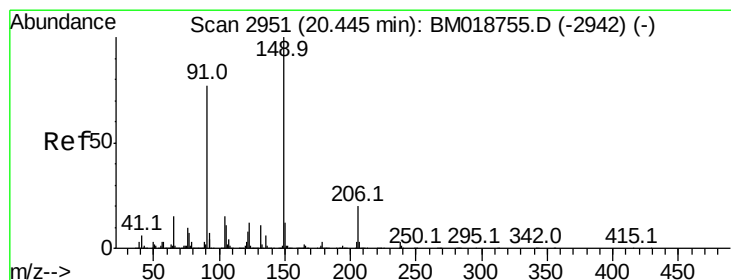
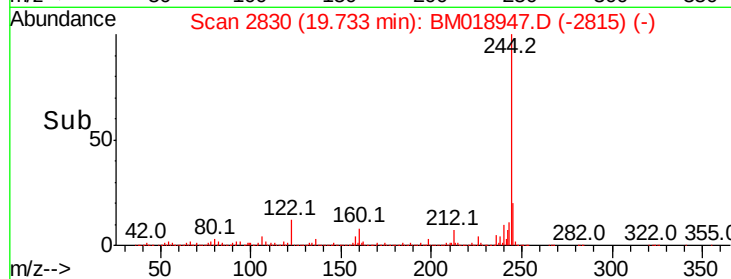
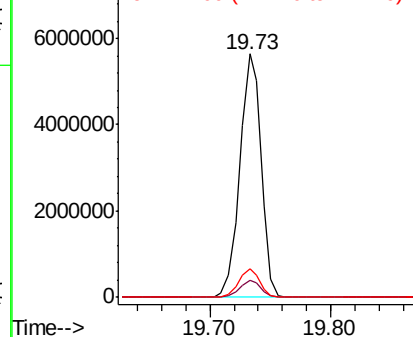
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	9.3	13.9

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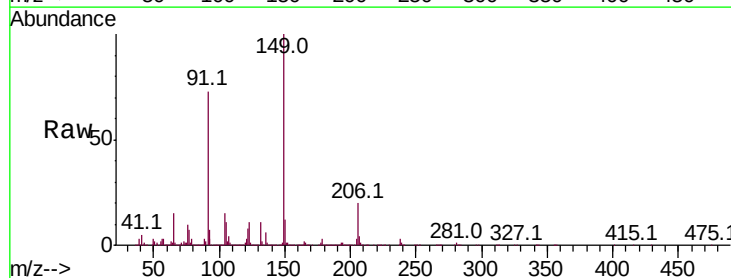
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



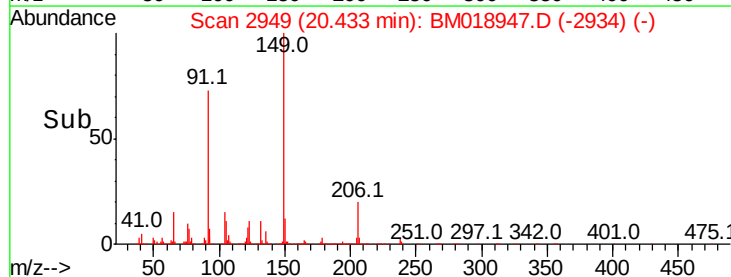
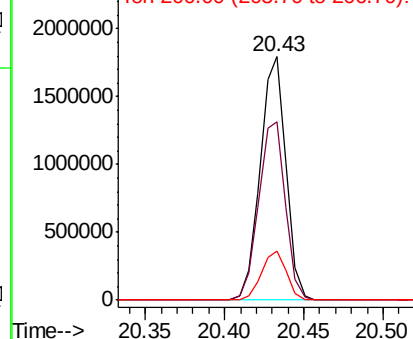
#80
 Butylbenzylphthalate
 Concen: 46.355 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BM018947.D
 Acq: 27 Feb 2019 13:43

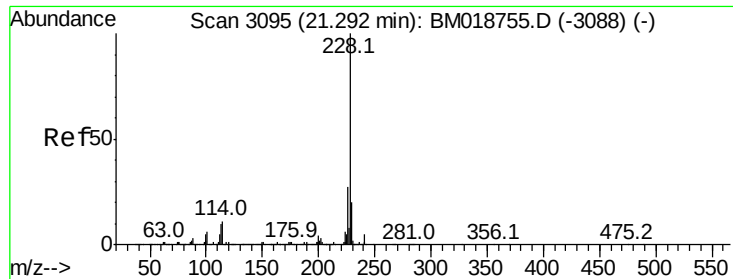
Tgt Ion:149 Resp: 2026853

Ion	Ratio	Lower	Upper
149	100		
91	73.4	61.4	92.0
206	20.1	15.8	23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.348 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 3885200

Ion Ratio Lower Upper

228 100

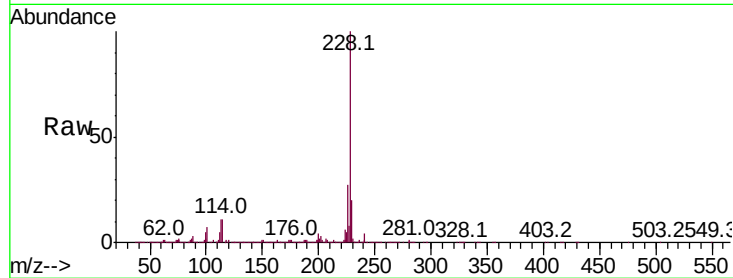
226 27.3 21.9 32.9

229 20.1 15.9 23.9

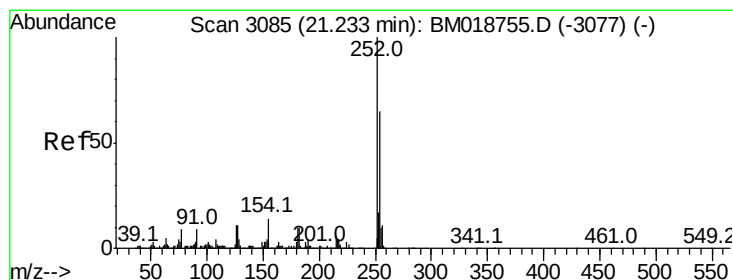
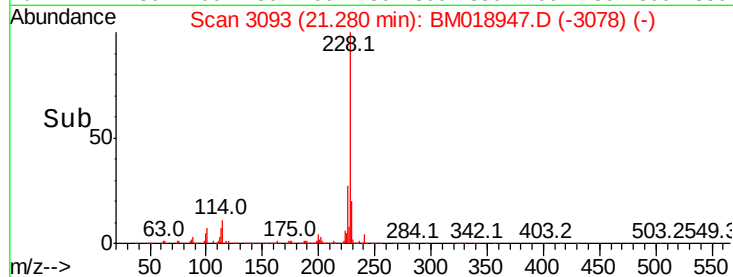
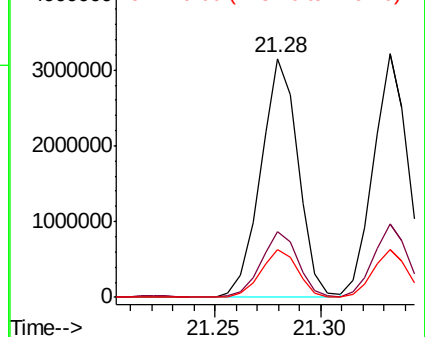
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.807 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

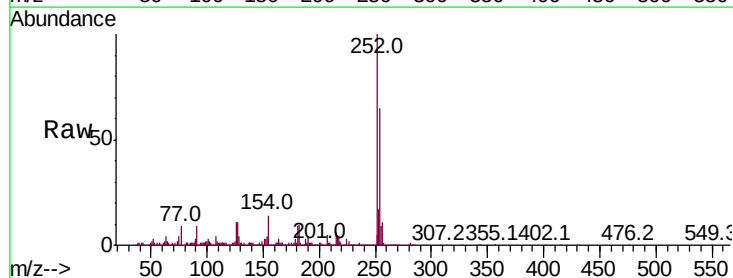
Tgt Ion:252 Resp: 1591030

Ion Ratio Lower Upper

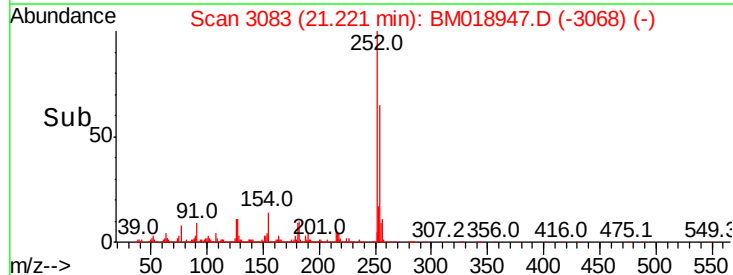
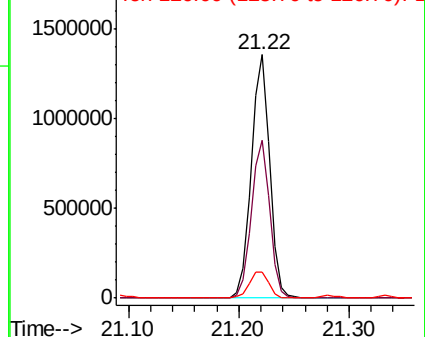
252 100

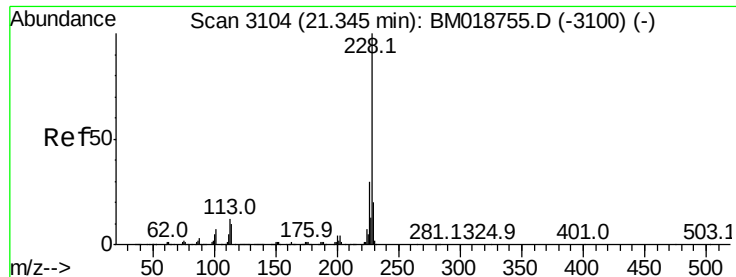
254 65.0 51.8 77.8

126 10.6 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





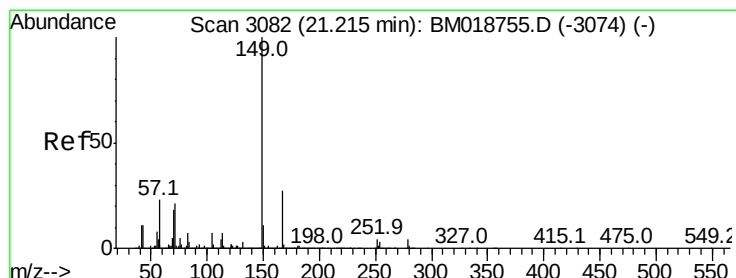
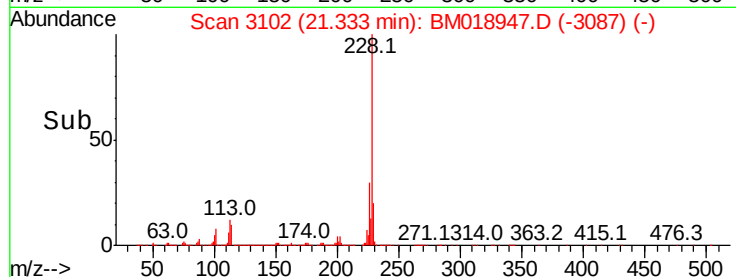
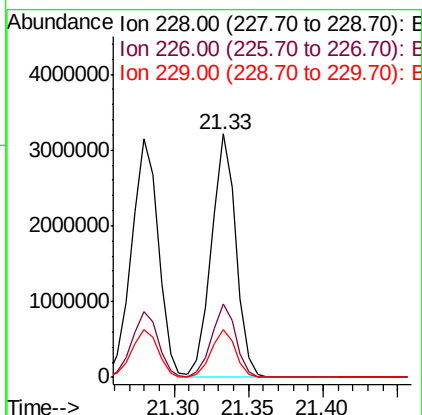
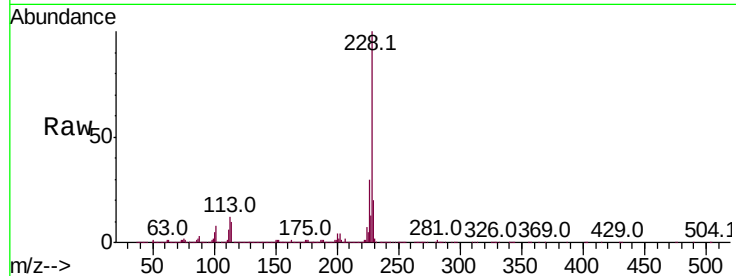
#83
Chrysene
Concen: 39.609 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 3655742
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.9 16.0 24.0

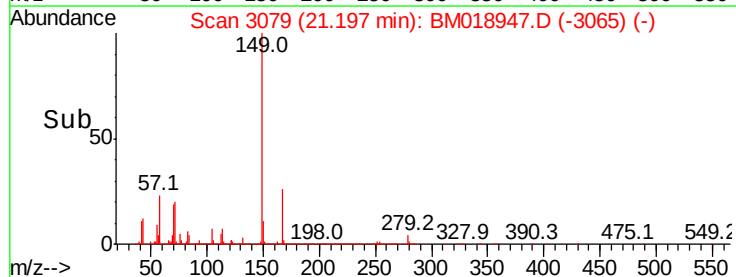
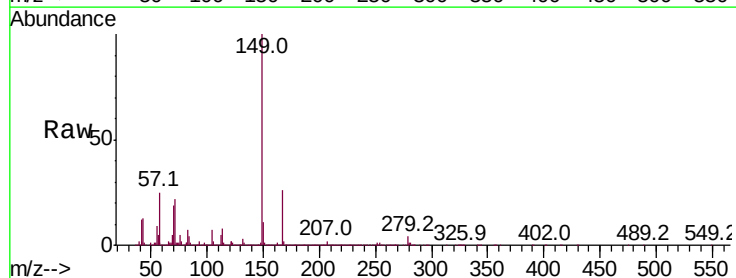
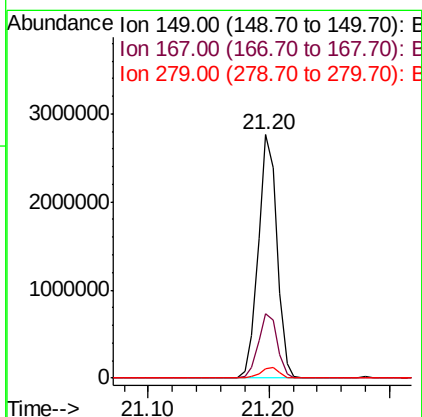
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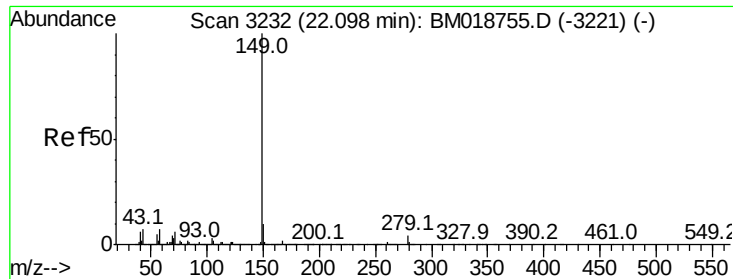
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.689 ng
RT: 21.20 min Scan# 3079
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion:149 Resp: 2987848
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.6
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.039 ng

RT: 22.08 min Scan# 3229

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 4951871

Ion Ratio Lower Upper

149 100

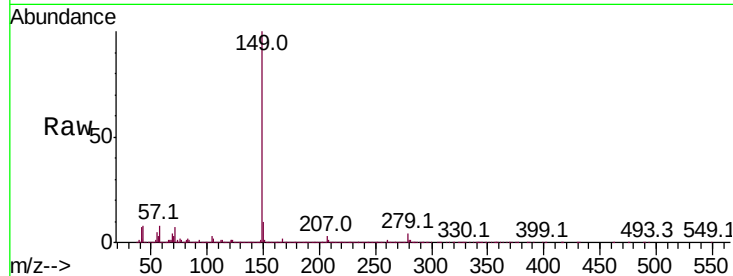
167 1.6 1.3 1.9

43 7.5 6.0 9.0

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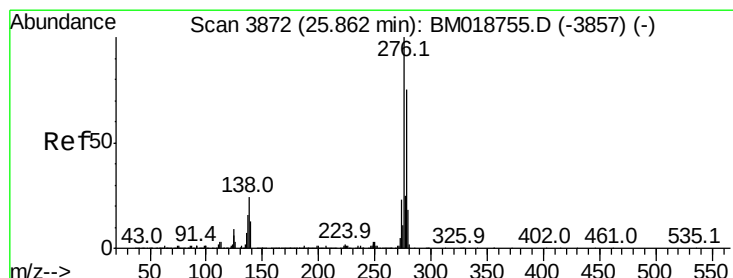
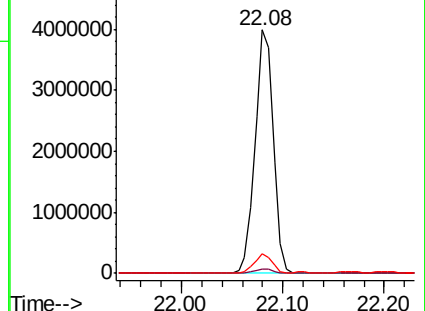
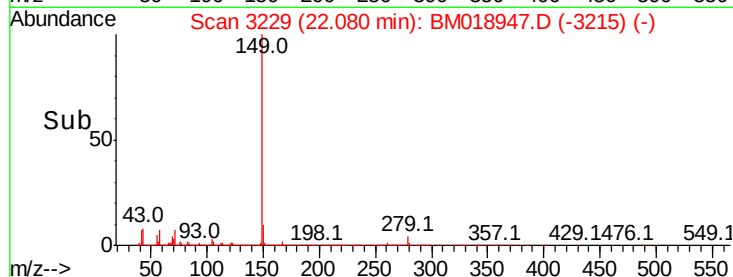
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.245 ng m

RT: 25.83 min Scan# 3867

Delta R.T. -0.03 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

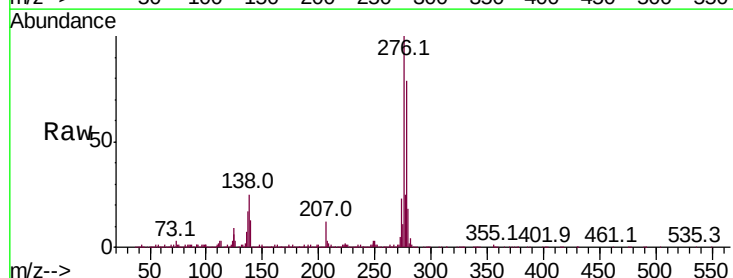
Tgt Ion:276 Resp: 3435982

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.4

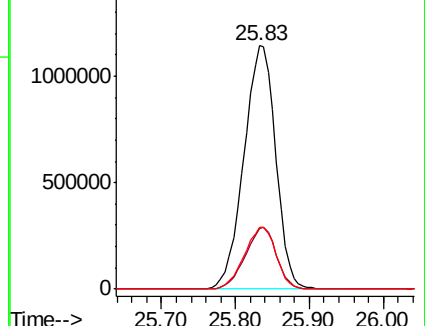
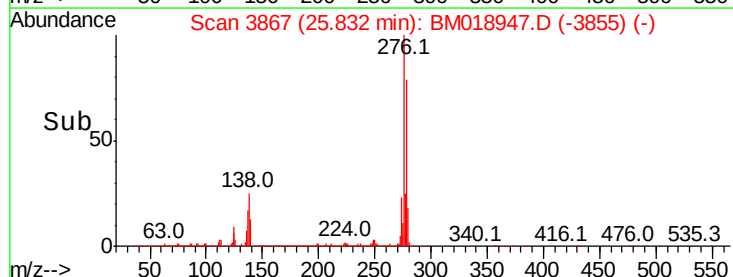
277 25.1 20.3 30.5

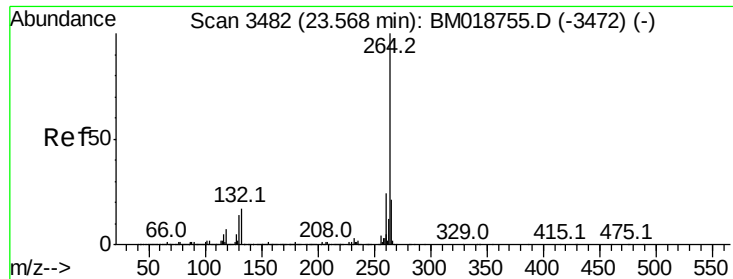


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1452449

Ion Ratio Lower Upper

264 100

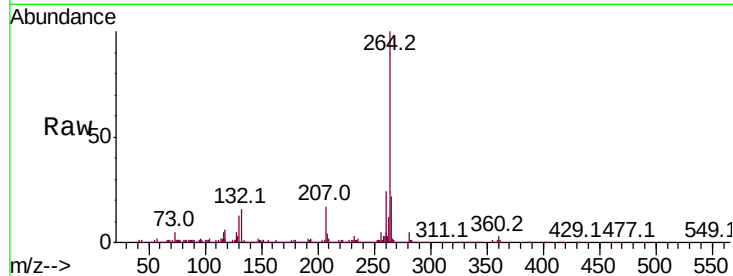
260 23.8 18.9 28.3

265 21.9 17.3 25.9

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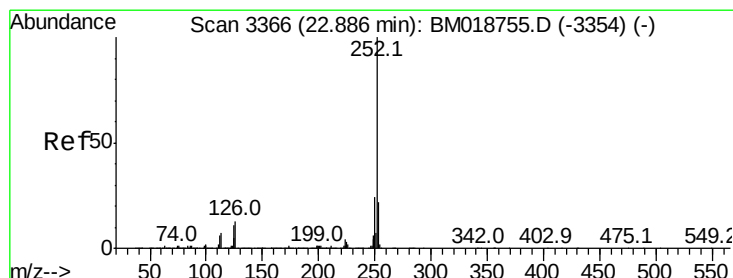
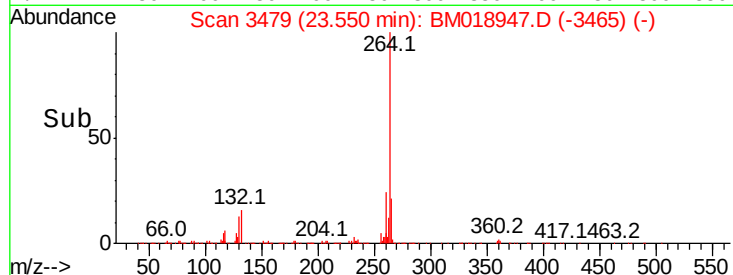
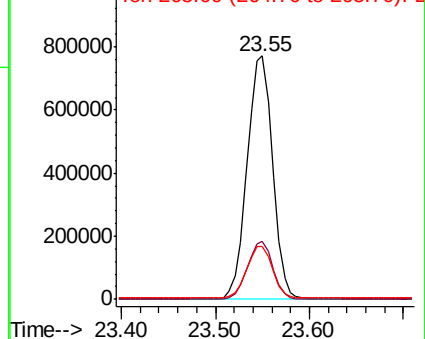


Abundance

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: 41.056 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BM018947.D

Acq: 27 Feb 2019 13:43

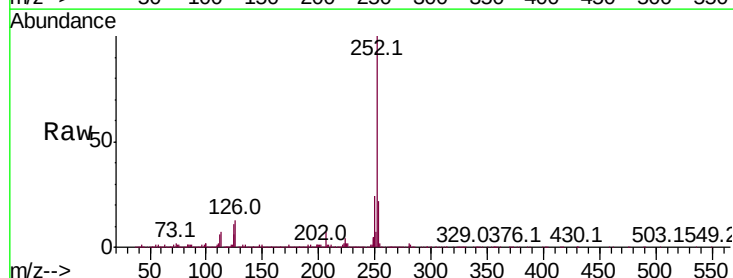
Tgt Ion:252 Resp: 3411767

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.6 8.6 12.8

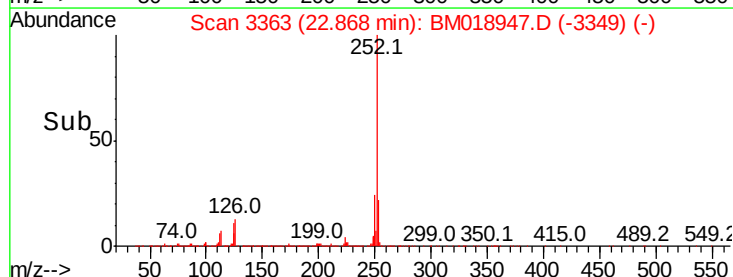
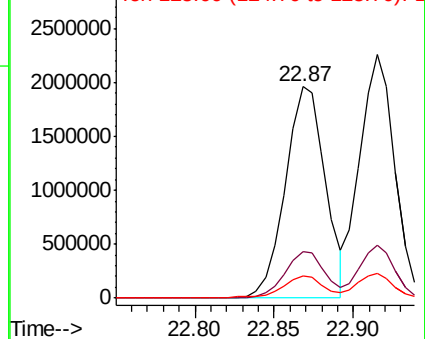


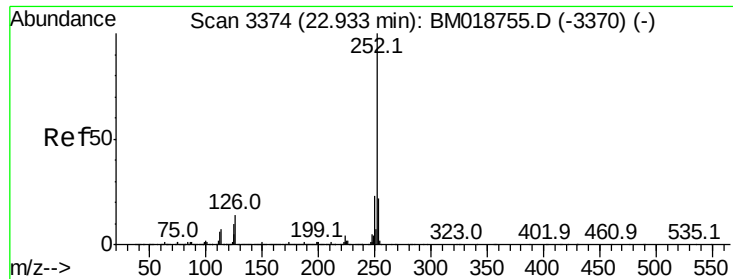
Abundance

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





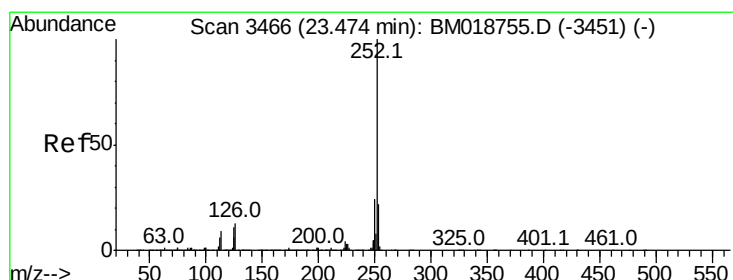
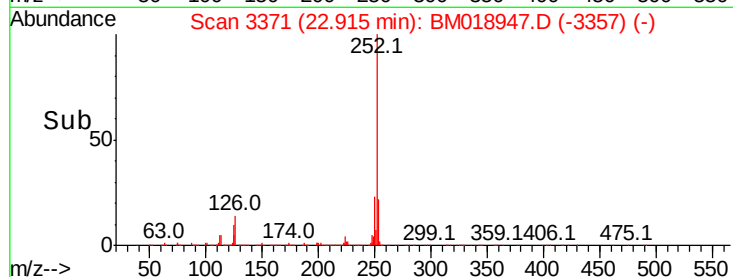
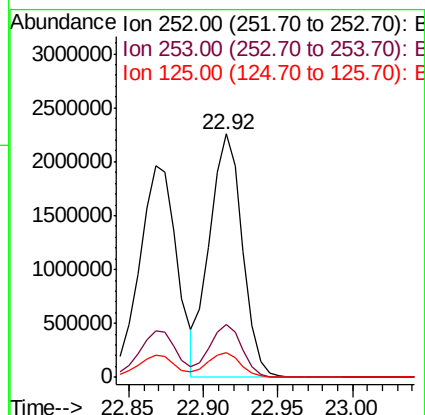
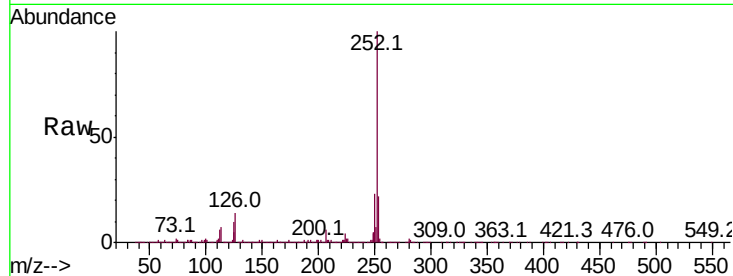
#89
Benzo(k)fluoranthene
Concen: 41.753 ng
RT: 22.92 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.3	8.2	12.4

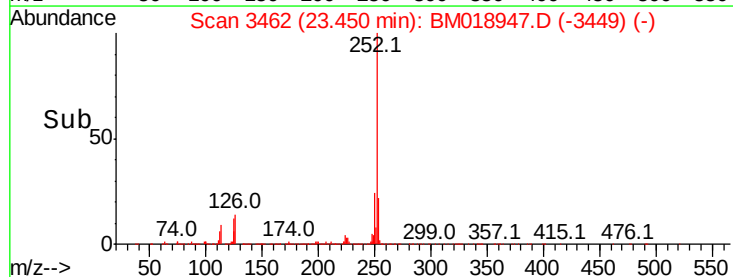
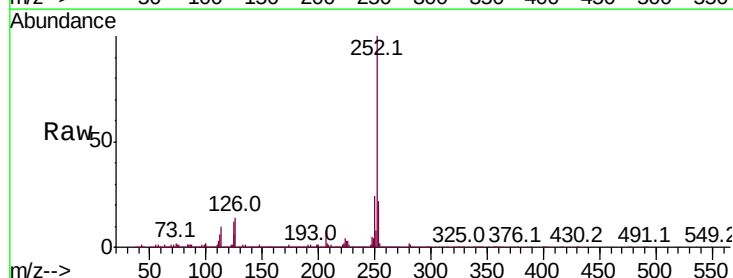
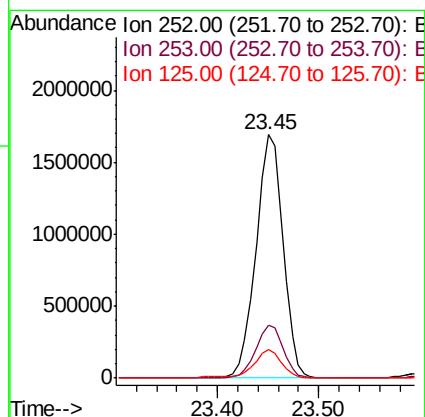
Manual Integrations
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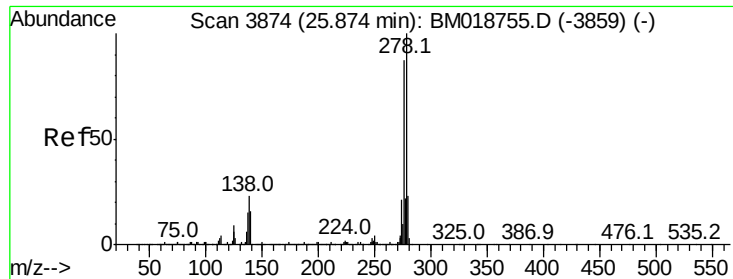
Sohil
2/28/2019 1:33:17 PM



#90
Benzo(a)pyrene
Concen: 39.848 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	11.8	8.6	13.0





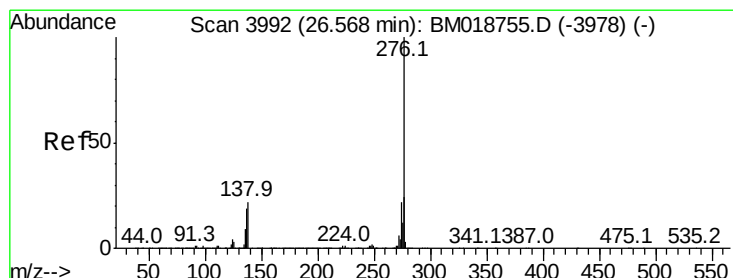
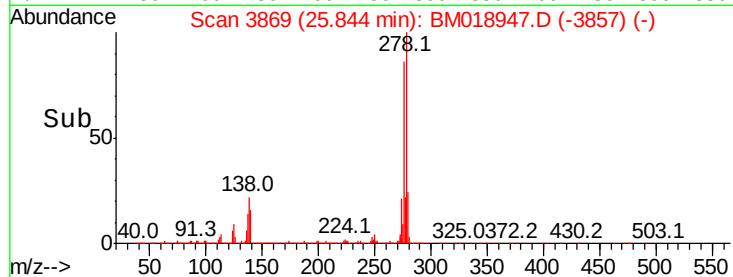
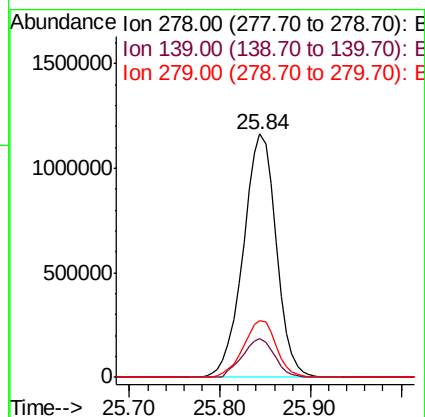
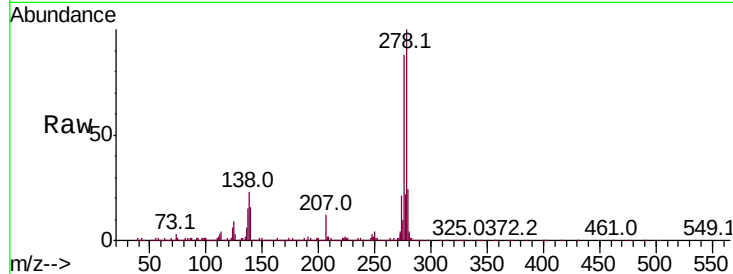
#91
Dibenzo(a,h)anthracene
Concen: 37.575 ng
RT: 25.84 min Scan# 3869
Delta R.T. -0.03 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	18.8
279	23.5	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:17 PM



#92
Benzo(g,h,i)perylene
Concen: 37.322 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018947.D
Acq: 27 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	21.7	17.3	25.9

