

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018635.D
 Acq On : 18 Jan 2019 13:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/21/2019 1:58:25 PM

Quant Time: Jan 18 22:02:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 16:48:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	317079	20.00	ng	0.00
21) Naphthalene-d8	10.53	136	1267490	20.00	ng	0.00
39) Acenaphthene-d10	14.39	164	723020	20.00	ng	0.00
64) Phenanthrene-d10	17.14	188	1578753	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1369124	20.00	ng	0.00
87) Perylene-d12	23.60	264	1182865	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1389263	80.90	ng	0.00
7) Phenol-d6	6.91	99	1818513	83.38	ng	0.00
23) Nitrobenzene-d5	8.90	82	1779169	81.37	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	820625	89.14	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	4487217	80.98	ng	0.00
79) Terphenyl-d14	19.77	244	6311976m	97.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	259414	37.065	ng	95
3) Pyridine	3.67	79	711306	40.764	ng	97
4) n-Nitrosodimethylamine	3.59	42	292728	40.569	ng	# 92
6) Aniline	7.08	93	1077575	44.291	ng	98
8) 2-Chlorophenol	7.30	128	834493	41.609	ng	95
9) Benzaldehyde	6.89	77	481962	37.797	ng	97
10) Phenol	6.94	94	913082	41.198	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	731769	42.021	ng	96
12) 1,3-Dichlorobenzene	7.62	146	962485	40.298	ng	99
13) 1,4-Dichlorobenzene	7.77	146	972845	40.187	ng	98
14) 1,2-Dichlorobenzene	8.09	146	927441	40.404	ng	100
15) Benzyl Alcohol	7.99	79	701821	44.552	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	935016	42.014	ng	95
17) 2-Methylphenol	8.18	107	640561	42.579	ng	100
18) Hexachloroethane	8.80	117	349054	40.440	ng	94
19) n-Nitroso-di-n-propylamine	8.55	70	611095	43.054	ng	93
20) 3+4-Methylphenols	8.51	107	889376	42.824	ng	100
22) Acetophenone	8.56	105	1255373	40.038	ng	# 97
24) Nitrobenzene	8.95	77	865341	40.224	ng	97
25) Isophorone	9.47	82	1437861	43.429	ng	98
26) 2-Nitrophenol	9.65	139	498515	47.924	ng	96
27) 2,4-Dimethylphenol	9.70	122	657799	42.189	ng	99
28) bis(2-Chloroethoxy)methane	9.95	93	957880	41.880	ng	100
29) 2,4-Dichlorophenol	10.18	162	814342	43.862	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	933751	40.519	ng	99
31) Naphthalene	10.58	128	2464656	40.376	ng	99
32) Benzoic acid	9.87	122	530882m	50.222	ng	
33) 4-Chloroaniline	10.70	127	1093551	45.488	ng	99
34) Hexachlorobutadiene	10.85	225	601775	41.335	ng	100
35) Caprolactam	11.52	113	284703m	45.103	ng	
36) 4-Chloro-3-methylphenol	11.82	107	837666	43.005	ng	99
37) 2-Methylnaphthalene	12.19	142	1766295	40.954	ng	100
38) 1-Methylnaphthalene	12.42	142	1703952	40.832	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	1048807	41.482	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	515912	37.179	nq	98
43) 2,4,6-Trichlorophenol	12.81	196	686596	44.718	nq	100
44) 2,4,5-Trichlorophenol	12.88	196	714848	44.269	nq	99
46) 1,1'-Biphenyl	13.22	154	2544801	40.310	nq	99
47) 2-Chloronaphthalene	13.26	162	1970059	40.242	nq	99
48) 2-Nitroaniline	13.48	65	521140	43.269	nq	88
49) Acenaphthylene	14.11	152	2895819	40.590	nq	99
50) Dimethylphthalate	13.85	163	2424912	40.837	nq	99
51) 2,6-Dinitrotoluene	13.98	165	535532	42.577	nq	90
52) Acenaphthene	14.45	154	1754056	40.183	nq	98
53) 3-Nitroaniline	14.31	138	556458	43.882	nq	96
54) 2,4-Dinitrophenol	14.52	184	276787	44.192	nq	92
55) Dibenzofuran	14.79	168	2842500	39.411	nq	98
56) 4-Nitrophenol	14.62	139	441534	40.305	nq	94
57) 2,4-Dinitrotoluene	14.76	165	732239	41.145	nq	99
58) Fluorene	15.44	166	2175245	40.486	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	625082	43.672	nq	96
60) Diethylphthalate	15.22	149	2482533	41.414	nq	99
61) 4-Chlorophenyl-phenylether	15.43	204	1256419	40.574	nq	98
62) 4-Nitroaniline	15.48	138	525265	37.976	nq	97
63) Azobenzene	15.73	77	2005370	41.032	nq	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	445856	44.722	nq	85
66) n-Nitrosodiphenylamine	15.66	169	2056572	41.995	nq	99
67) 4-Bromophenyl-phenylether	16.33	248	762271	43.146	nq	99
68) Hexachlorobenzene	16.43	284	823587	41.641	nq	100
69) Atrazine	16.61	200	756888	42.752	nq	98
70) Pentachlorophenol	16.78	266	582518	44.971	nq	99
71) Phenanthrene	17.18	178	3361672	40.033	nq	100
72) Anthracene	17.27	178	3333782	41.285	nq	100
73) Carbazole	17.55	167	3326730	40.100	nq	99
74) Di-n-butylphthalate	18.10	149	4163030	45.811	nq	99
75) Fluoranthene	19.20	202	3732905	38.557	nq	98
77) Benzidine	19.40	184	1326486	39.239	nq	100
78) Pyrene	19.57	202	3818523	47.052	nq	100
80) Butylbenzylphthalate	20.47	149	1746281m	50.428	nq	
81) Benzo(a)anthracene	21.32	228	3308691	41.022	nq	99
82) 3,3'-Dichlorobenzidine	21.26	252	1281758	42.025	nq	99
83) Chrysene	21.37	228	3175053	40.765	nq	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2544653m	50.888	nq	
85) Di-n-octyl phthalate	22.13	149	3946162	46.920	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.91	276	2902295	32.315	nq	97
88) Benzo(b)fluoranthene	22.92	252	2846417	42.387	nq	99
89) Benzo(k)fluoranthene	22.96	252	2772777	40.971	nq	99
90) Benzo(a)pyrene	23.50	252	2624759	40.827	nq	98
91) Dibenzo(a,h)anthracene	25.92	278	2478079	38.041	nq	98
92) Benzo(g,h,i)perylene	26.61	276	2367189	37.342	nq	98

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

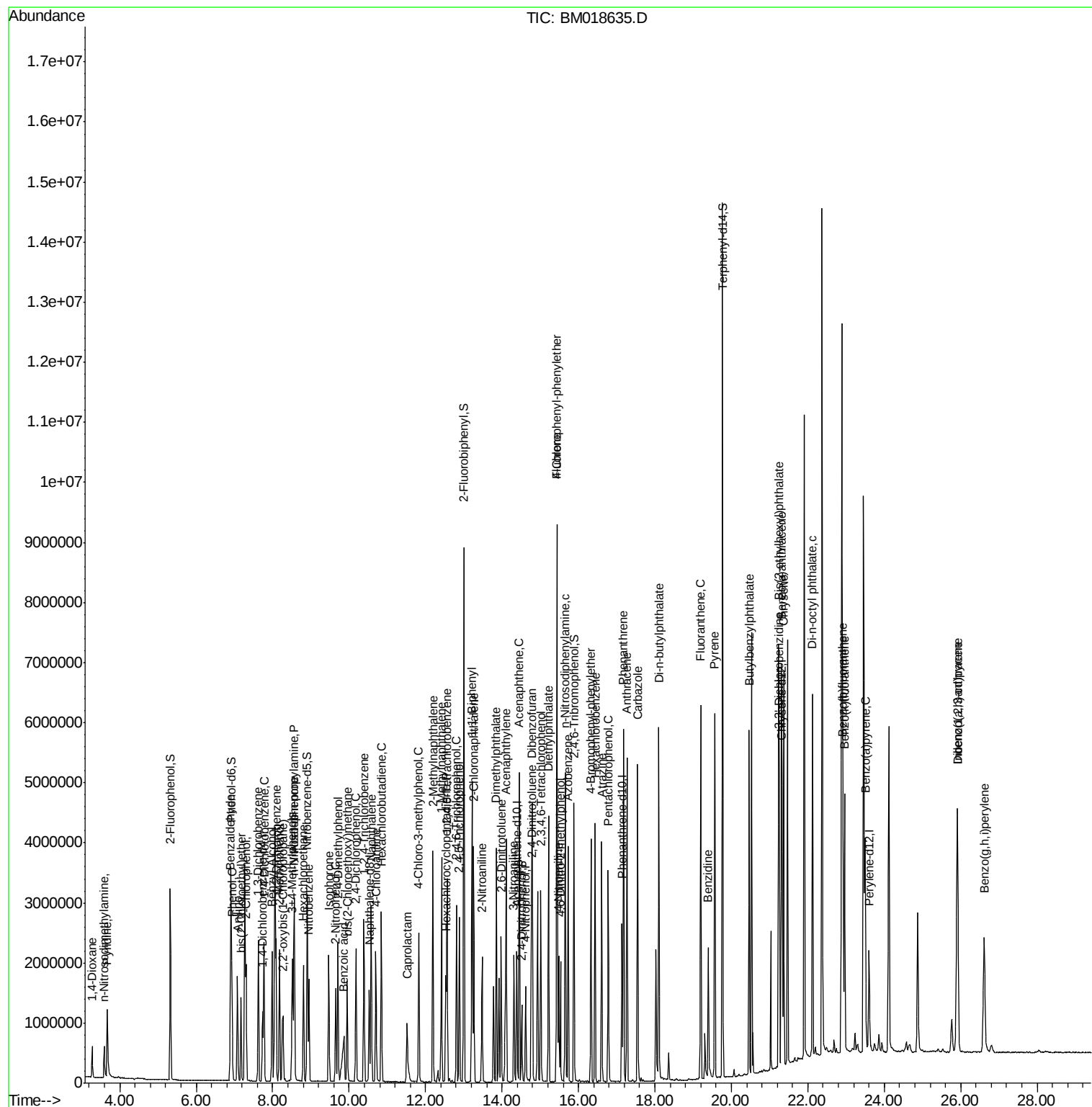
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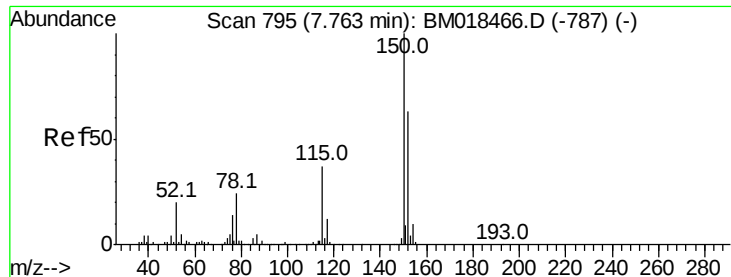
Instrument :
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#1

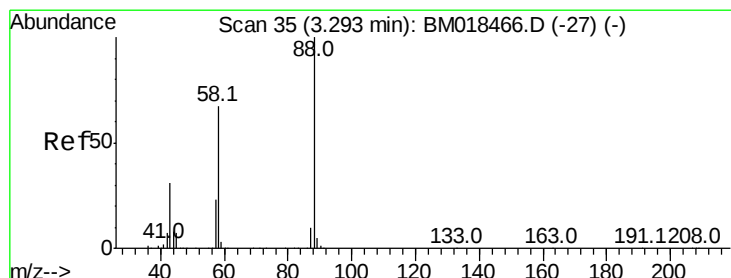
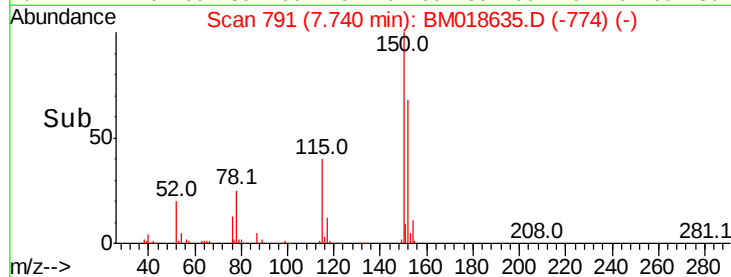
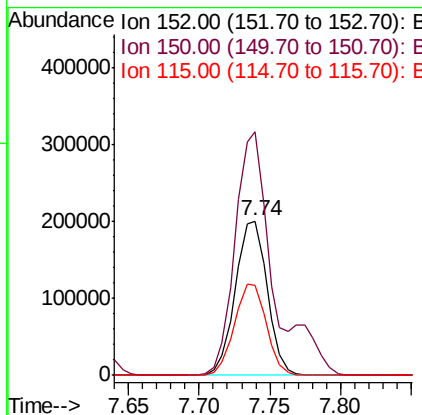
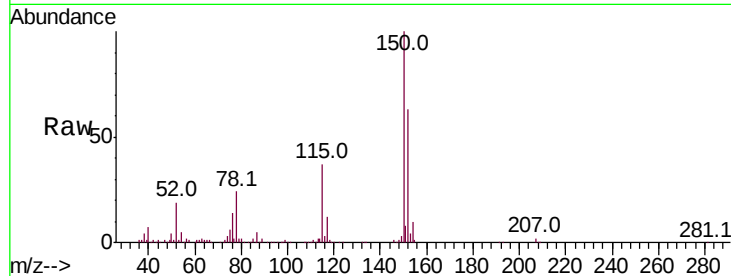
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.9	190.3
115	58.6	45.5	68.3

Manual Integrations
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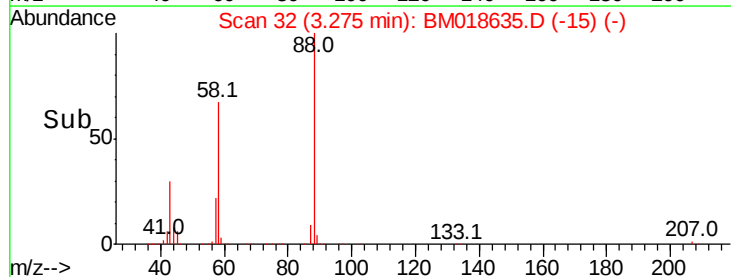
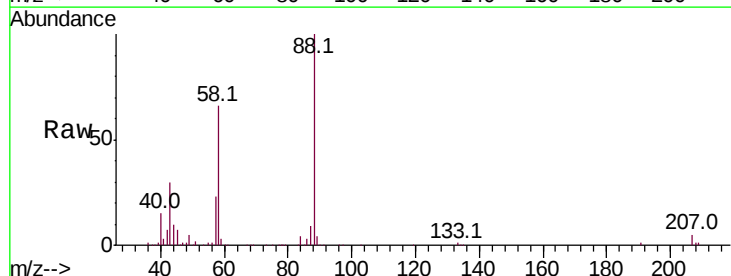
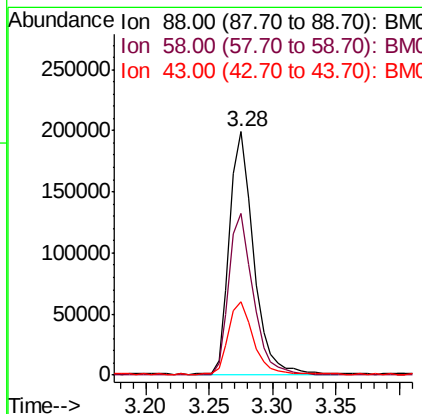
Sohil
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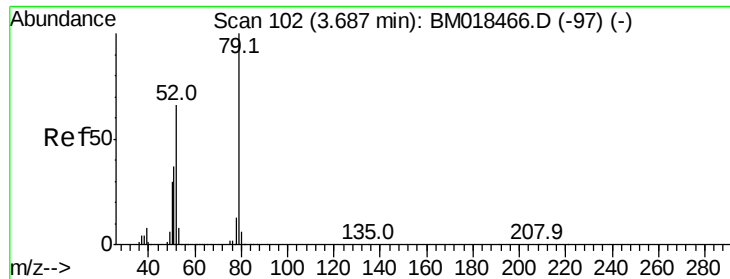


#2

1,4-Dioxane
Concen: 37.065 ng
RT: 3.28 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	58.4	87.6
43	30.8	26.2	39.4





#3

Pvridine

Concen: 40.764 ng

RT: 3.67 min Scan# 99

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

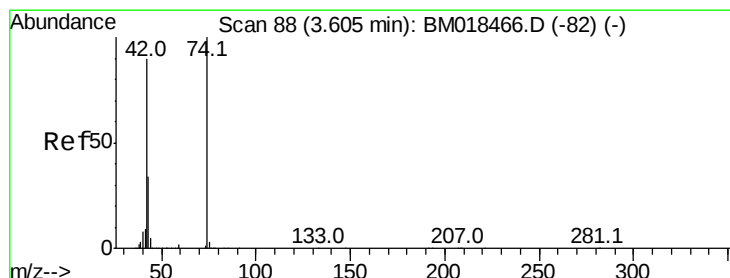
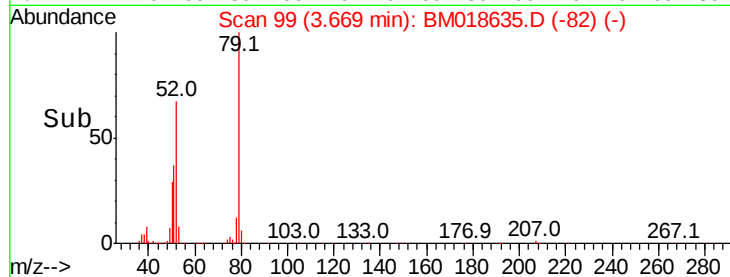
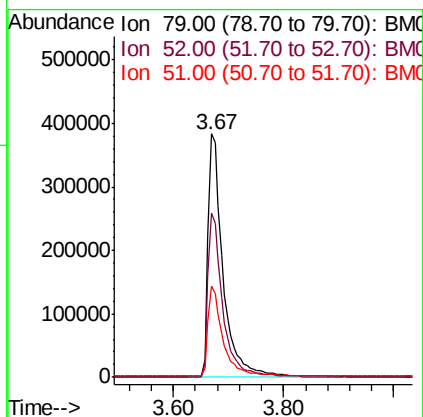
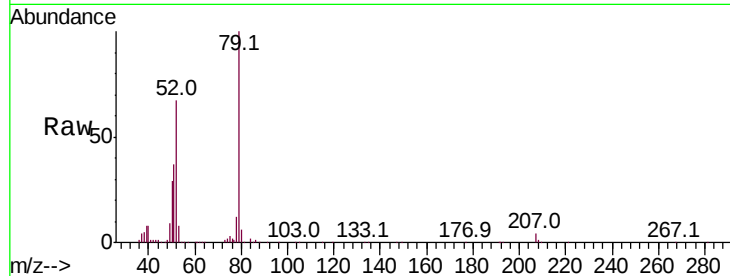
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	711306
Ion Ratio	Lower	Upper	
79	100		
52	67.4	56.4	84.6
51	37.4	31.0	46.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.569 ng

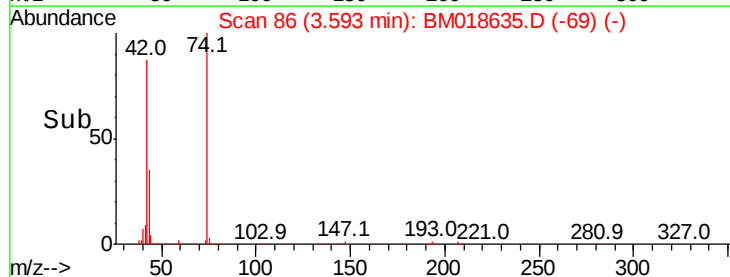
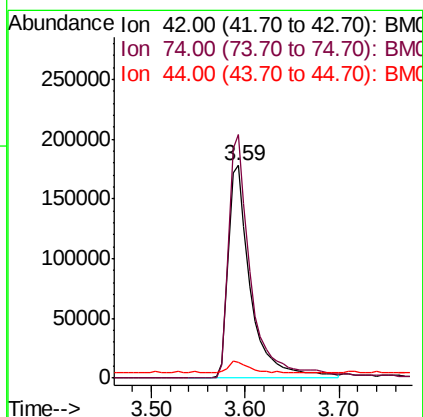
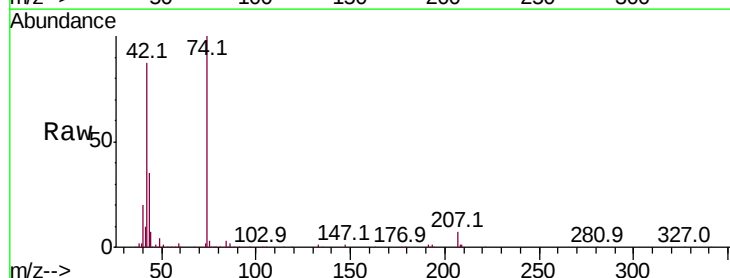
RT: 3.59 min Scan# 86

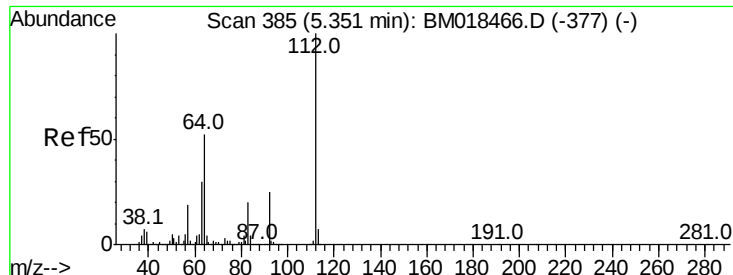
Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion:	42	Resp:	292728
Ion Ratio	Lower	Upper	
42	100		
74	114.6	88.6	132.8
44	7.6	16.9	25.3#





#5

2-Fluorophenol

Concen: 80.903 ng

RT: 5.33 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1389263

Ion Ratio Lower Upper

112 100

64 53.0 46.5 69.7

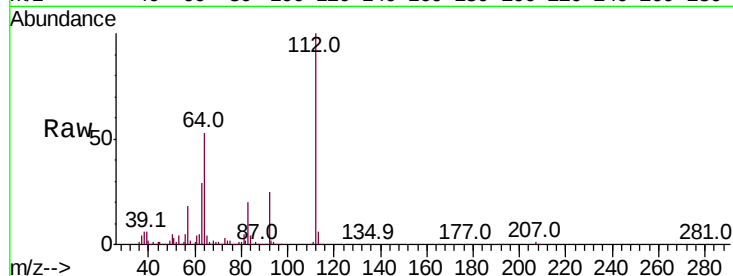
63 29.2 25.2 37.8

Manual Integrations

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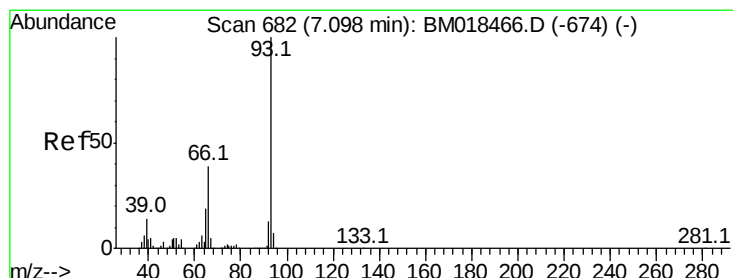
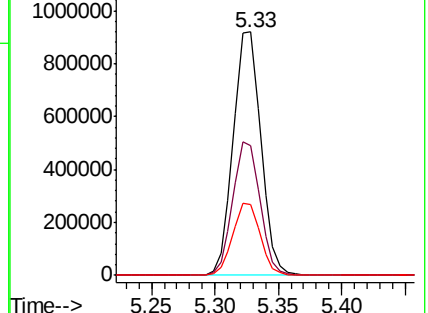
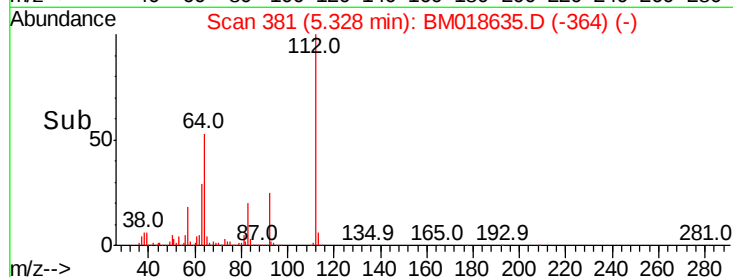
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 44.291 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

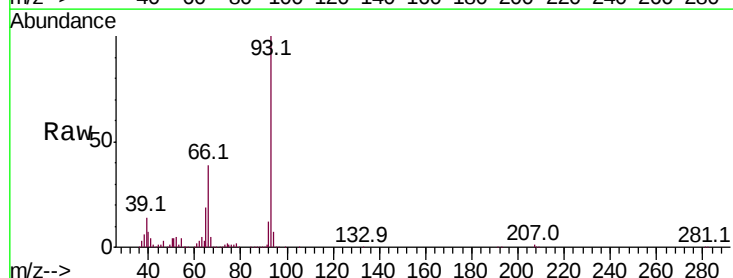
Tgt Ion: 93 Resp: 1077575

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

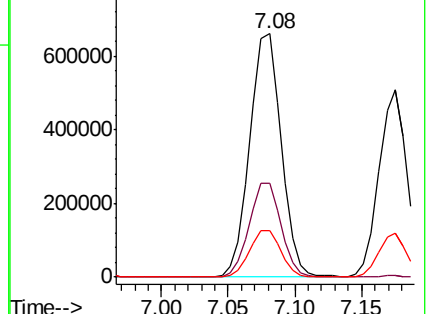
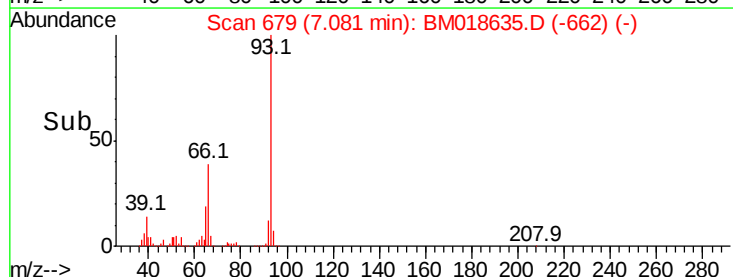
65 19.0 15.9 23.9

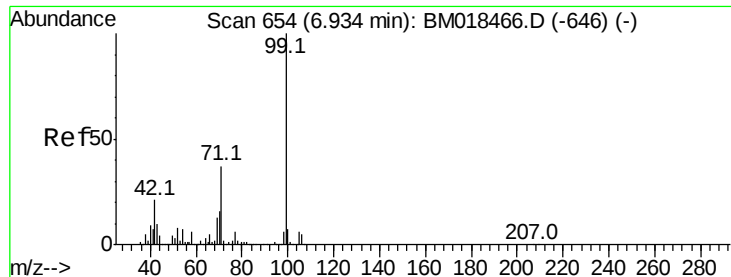


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.378 ng

RT: 6.91 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1818513

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

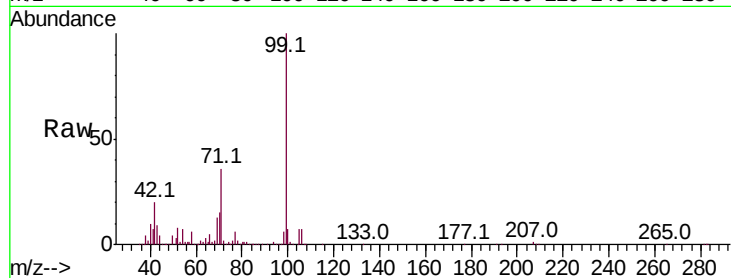
71 35.8 28.0 42.0

Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)

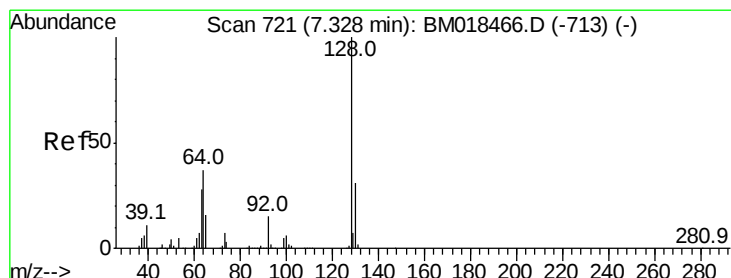
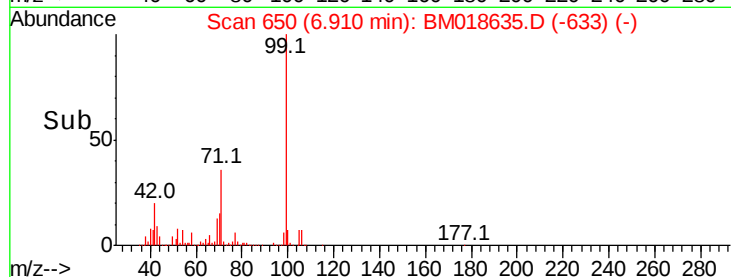
6.91

1000000

500000

0

6.80 6.85 6.90 6.95 7.00



#8

2-Chlorophenol

Concen: 41.609 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

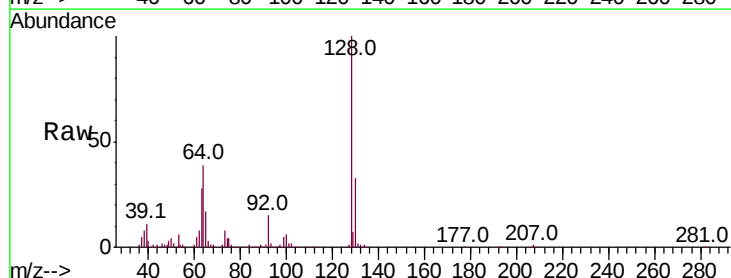
Tgt Ion: 128 Resp: 834493

Ion Ratio Lower Upper

128 100

130 33.1 13.6 53.6

64 39.3 24.8 64.8



Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)

7.30

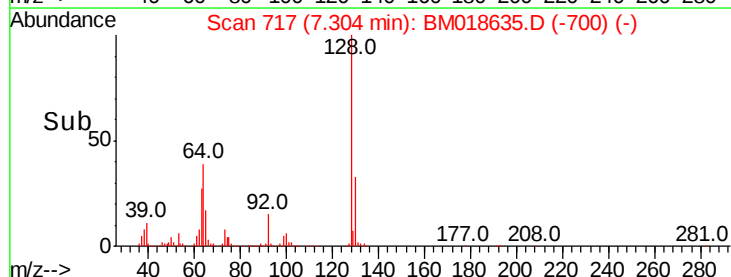
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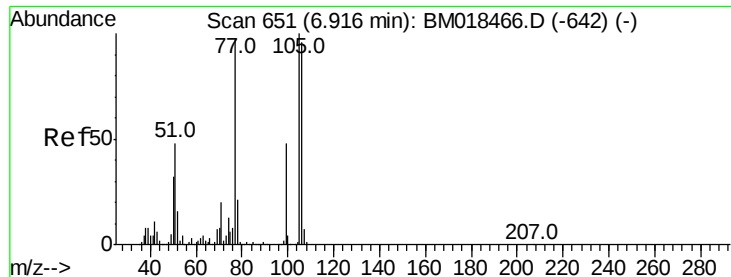
400000

200000

0

7.20 7.25 7.30 7.35 7.40





#9

Benzaldehyde

Concen: 37.797 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

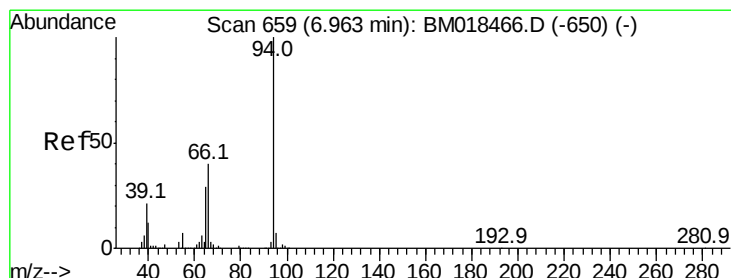
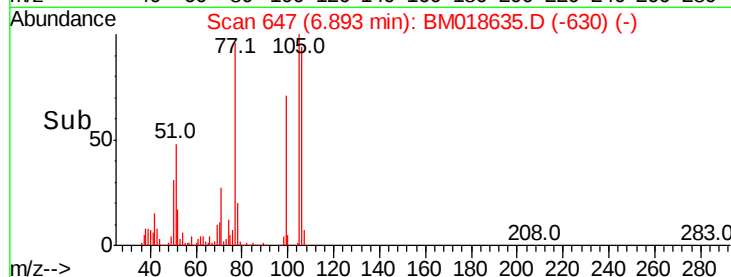
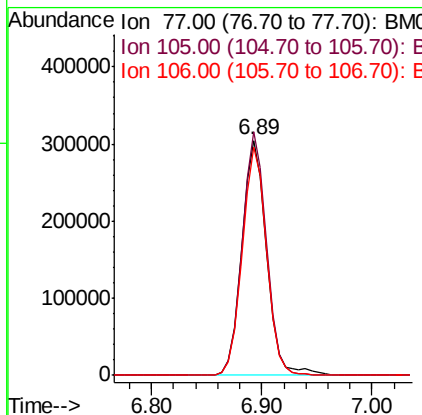
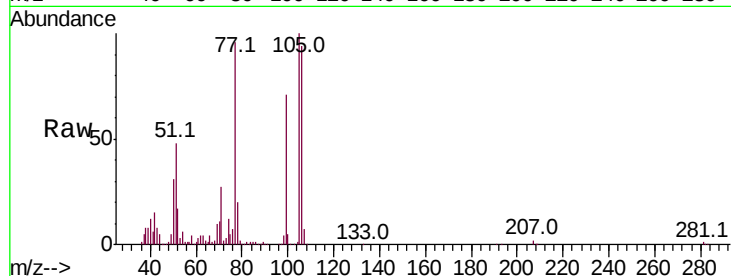
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	481962
Ion Ratio	Lower	Upper	
77	100		
105	103.7	79.7	119.7
106	97.0	75.2	115.2

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#10

Phenol

Concen: 41.198 ng

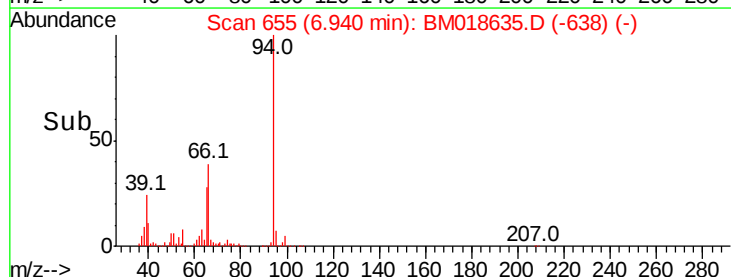
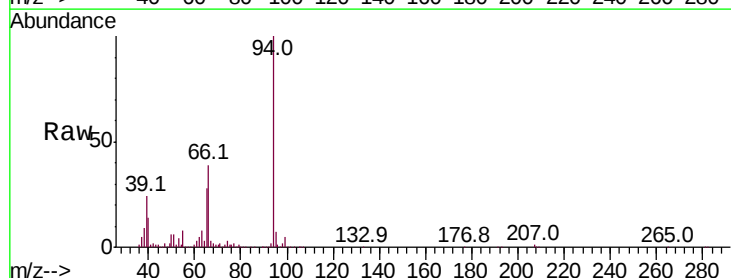
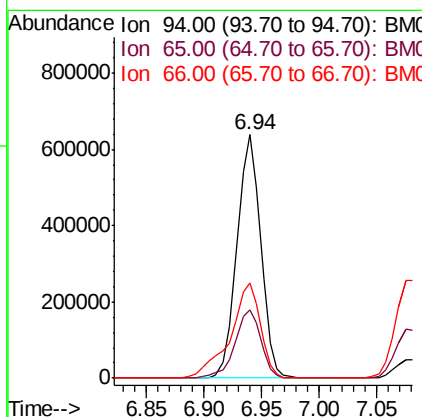
RT: 6.94 min Scan# 655

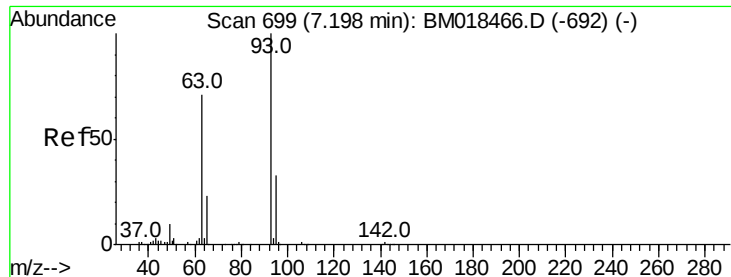
Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion:	94	Resp:	913082
Ion Ratio	Lower	Upper	
94	100		
65	28.3	9.4	49.4
66	39.3	19.1	59.1





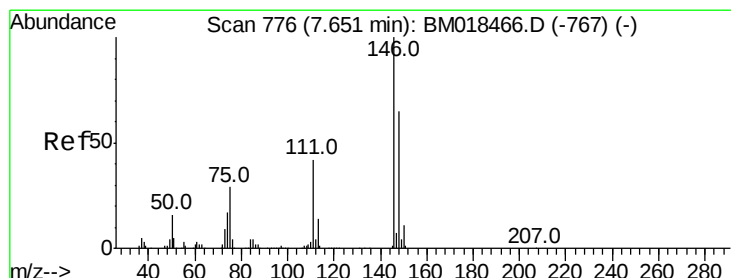
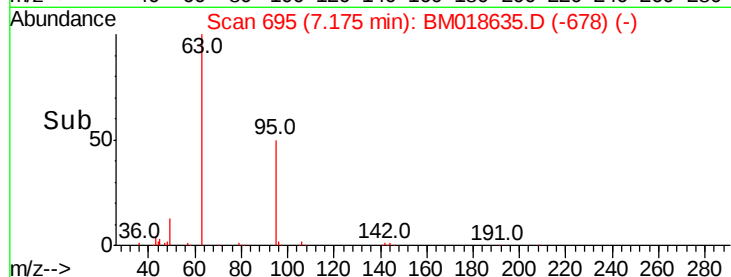
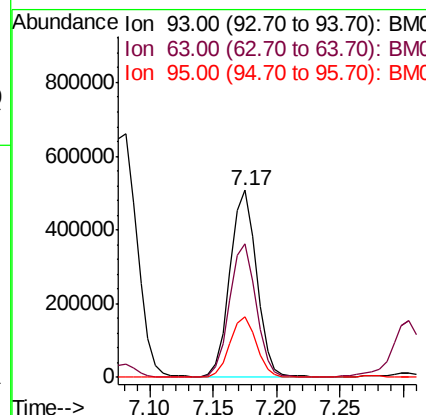
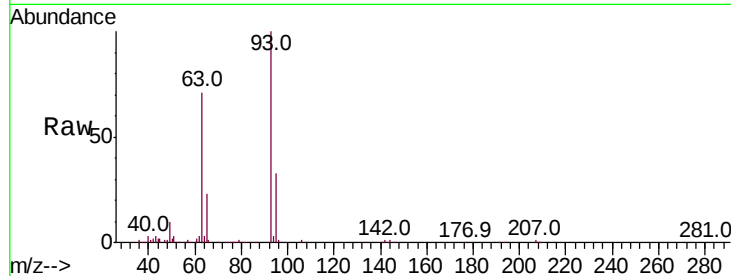
#11
bis(2-Chloroethyl)ether
Concen: 42.021 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	56.4	96.4
95	32.6	12.7	52.7

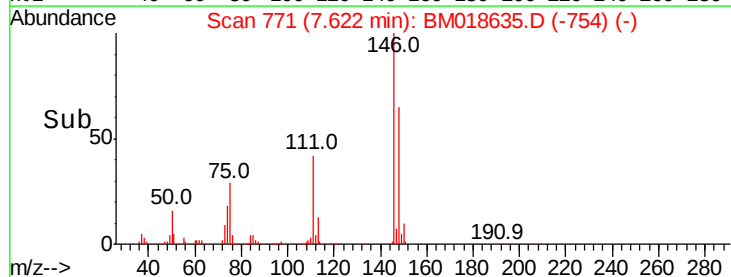
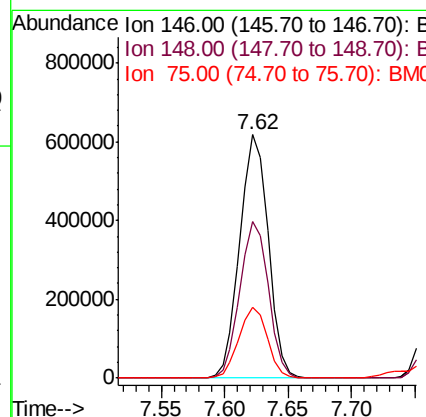
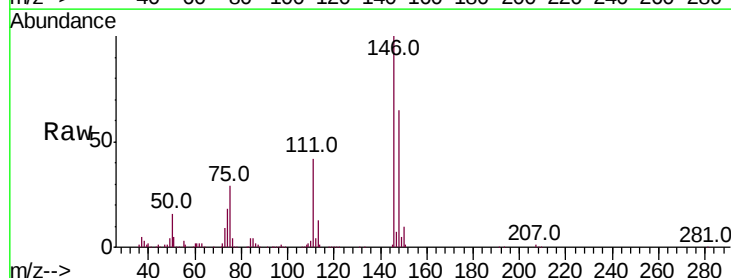
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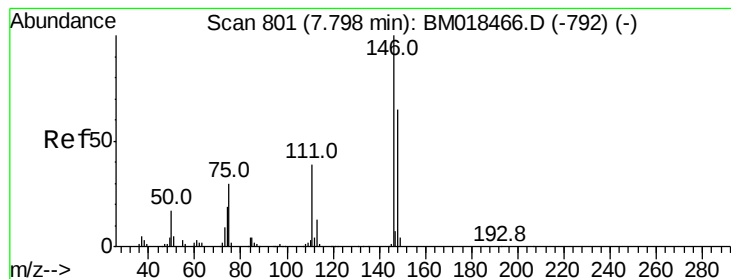
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#12
1,3-Dichlorobenzene
Concen: 40.298 ng
RT: 7.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.5	75.7
75	29.2	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 40.187 ng

RT: 7.77 min Scan# 797

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

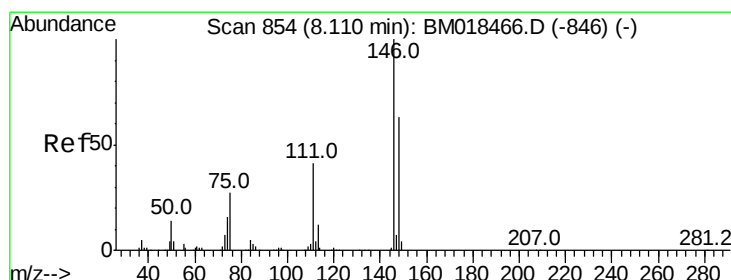
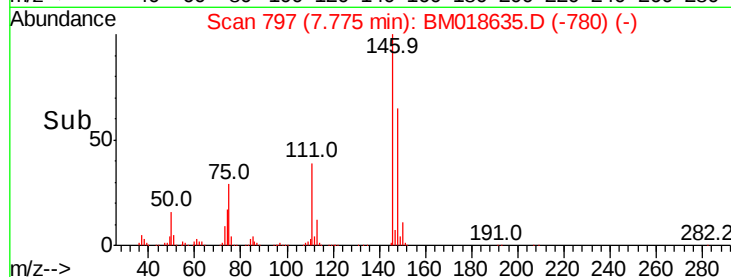
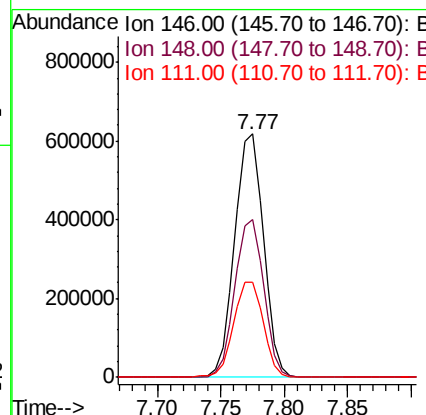
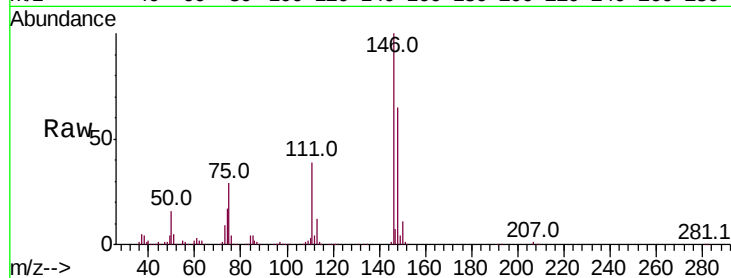
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	972845
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	38.8	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 40.404 ng

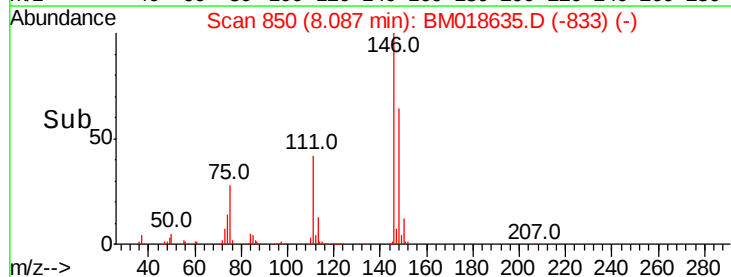
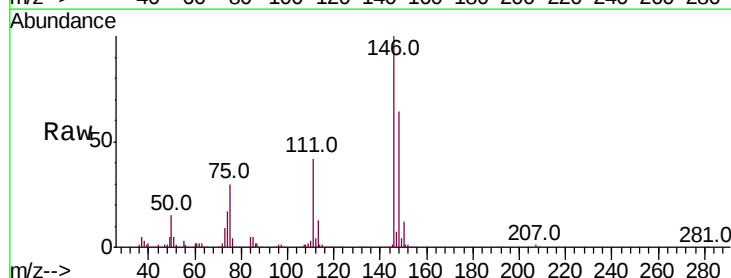
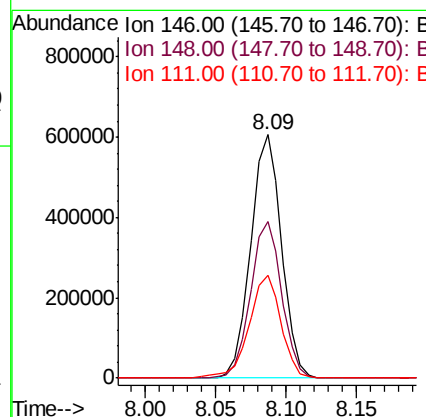
RT: 8.09 min Scan# 850

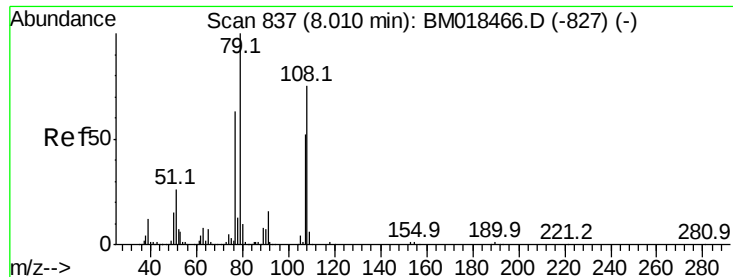
Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion:	146	Resp:	927441
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
111	42.2	33.8	50.6





#15

Benzyl Alcohol

Concen: 44.552 ng

RT: 7.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

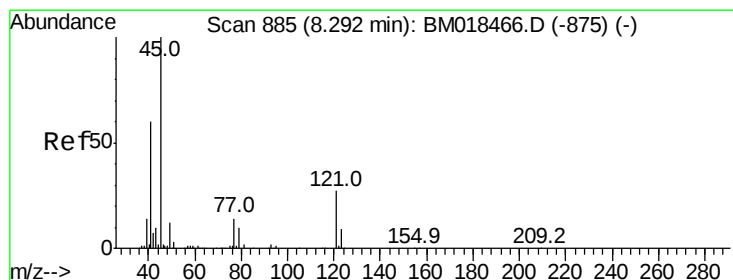
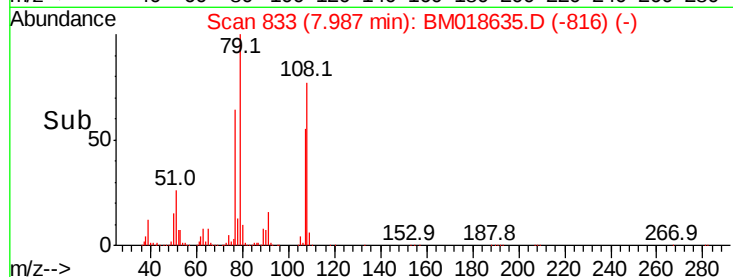
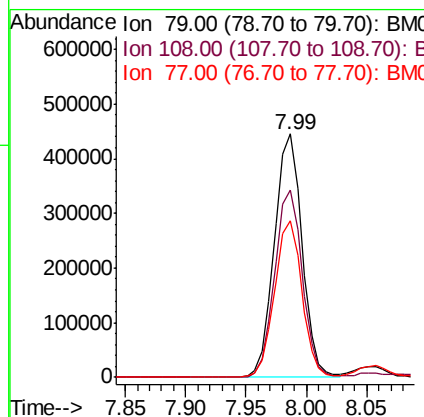
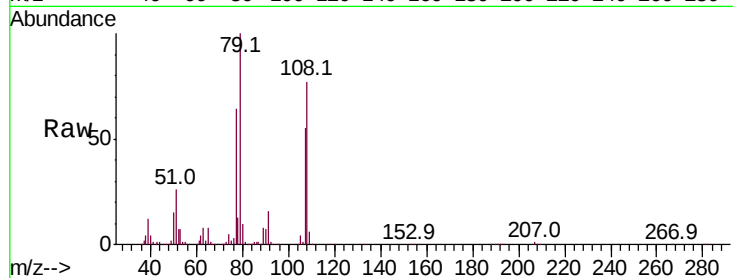
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	701821
Ion Ratio	Lower	Upper	
79	100		
108	77.0	60.4	90.6
77	64.4	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.014 ng

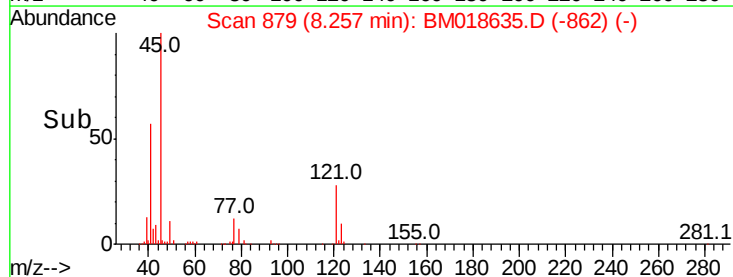
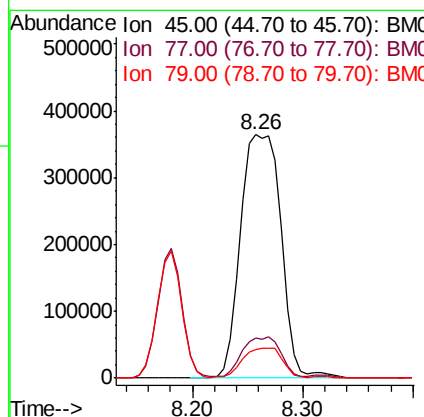
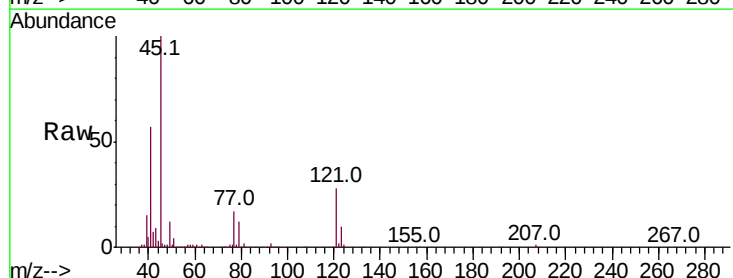
RT: 8.26 min Scan# 879

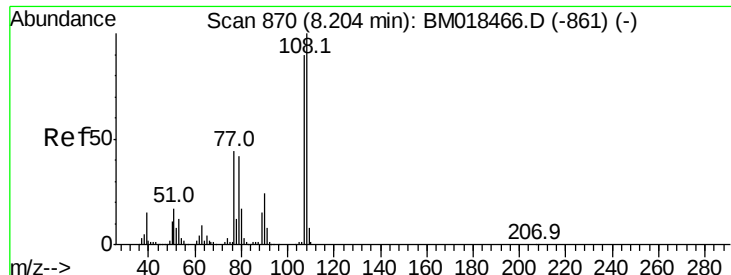
Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion:	45	Resp:	935016
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	33.4
79	11.9	0.0	31.1





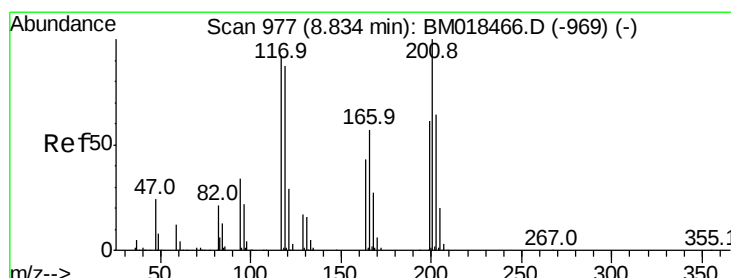
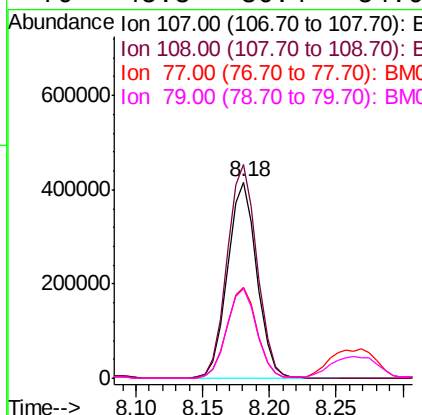
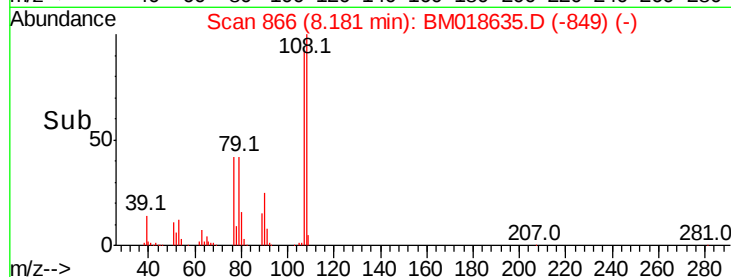
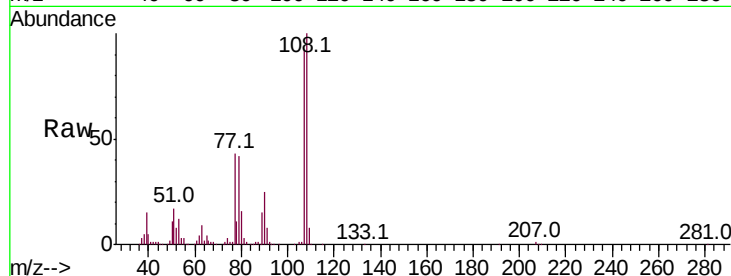
#17
2-Methylphenol
Concen: 42.579 ng
RT: 8.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	87.5	131.3	
77	46.4	37.3	55.9	
79	45.8	36.4	54.6	

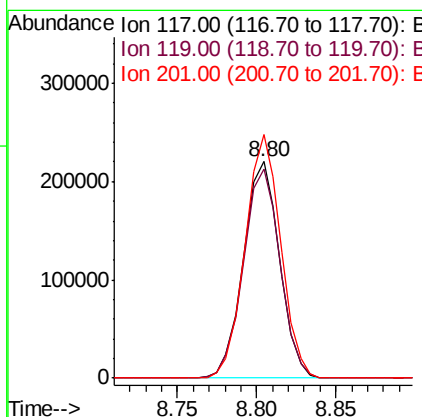
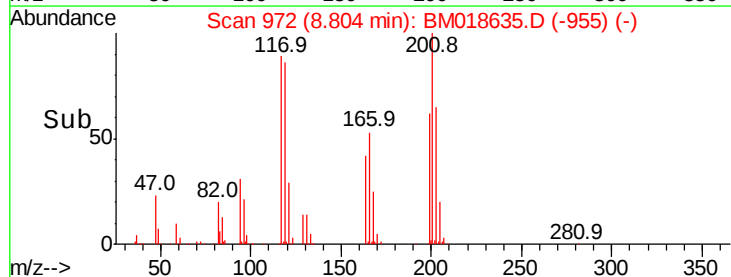
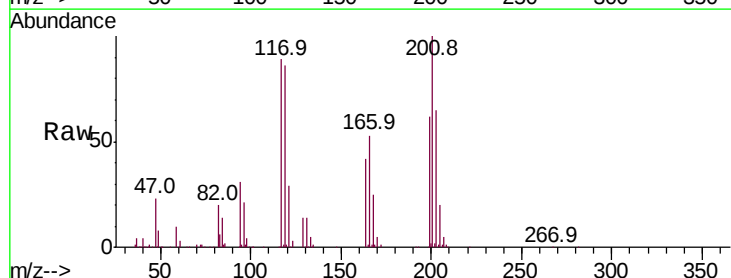
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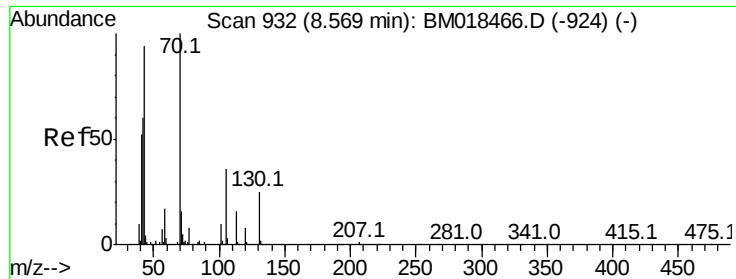
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#18
Hexachloroethane
Concen: 40.440 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.3	117.5	
201	112.6	81.4	122.0	





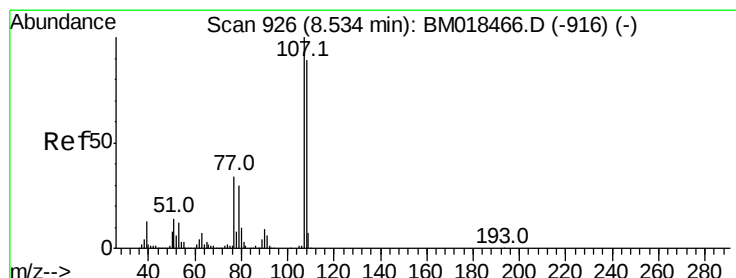
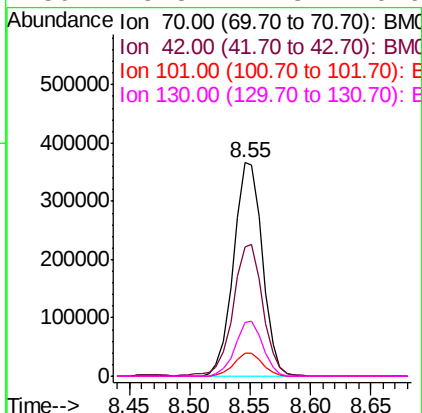
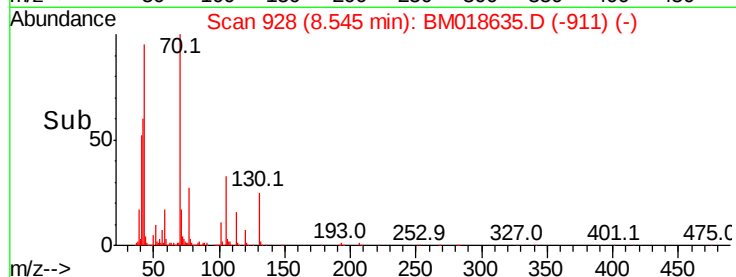
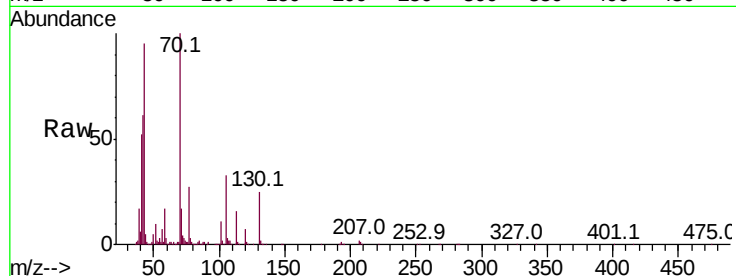
#19
n-Nitroso-di-n-propylamine
Concen: 43.054 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	54.0	81.0
101	10.8	8.1	12.1
130	25.3	17.8	26.6

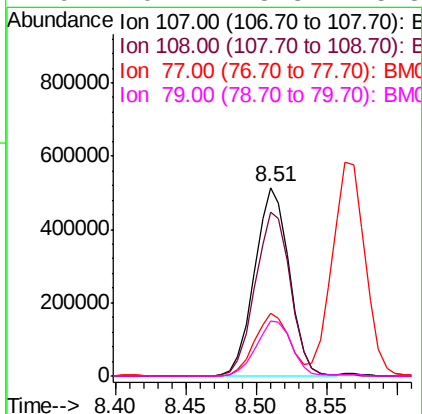
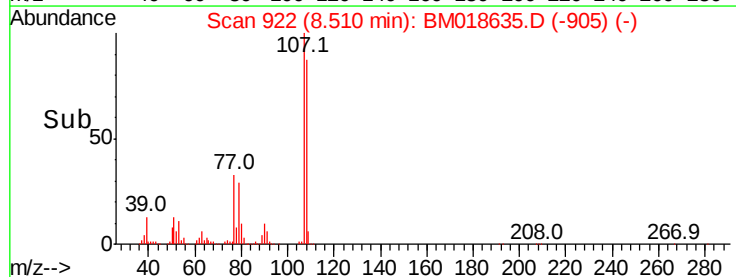
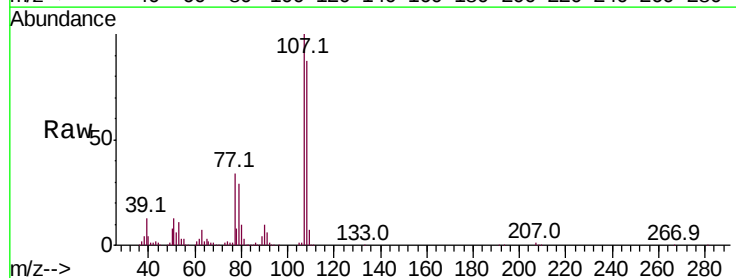
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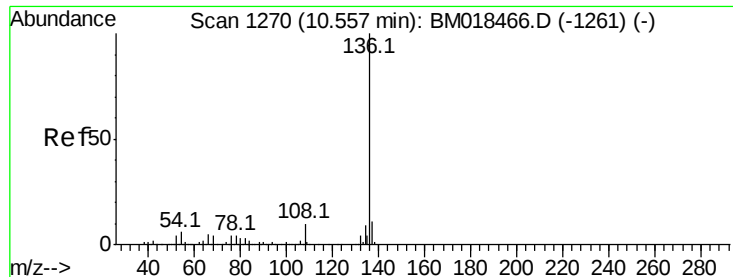
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#20
3+4-Methylphenols
Concen: 42.824 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.8	106.8
77	33.6	13.3	53.3
79	29.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

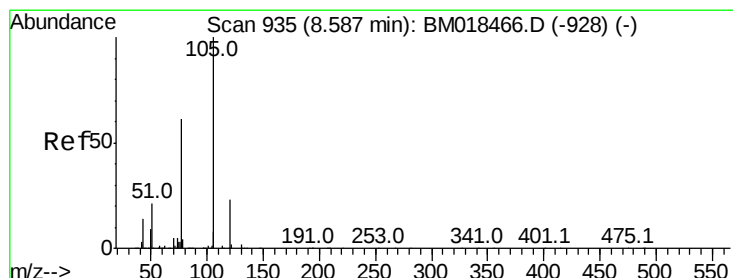
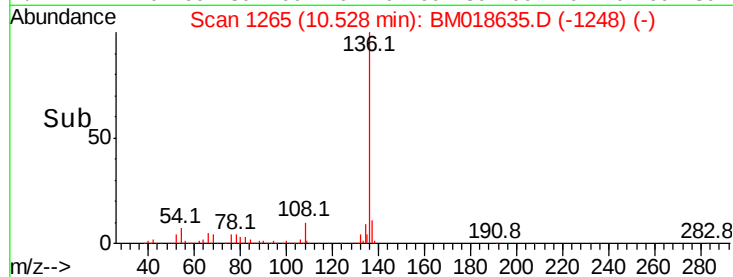
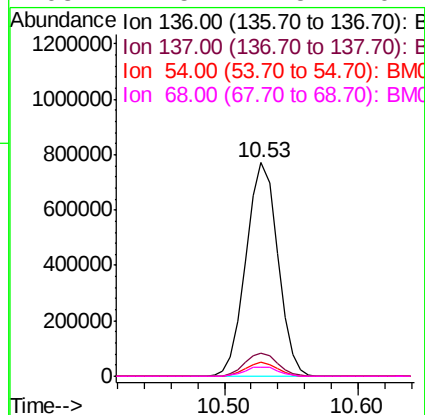
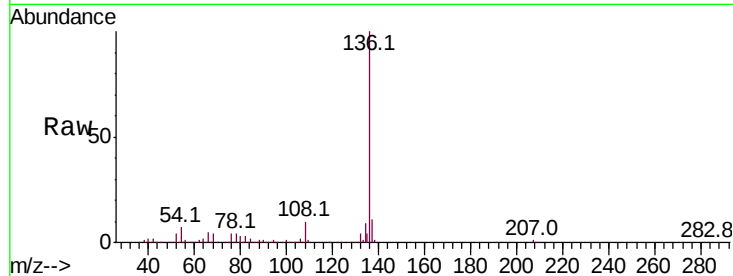
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.7	6.0	9.0
68	4.5	4.5	6.7#

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#22

Acetophenone

Concen: 40.038 ng

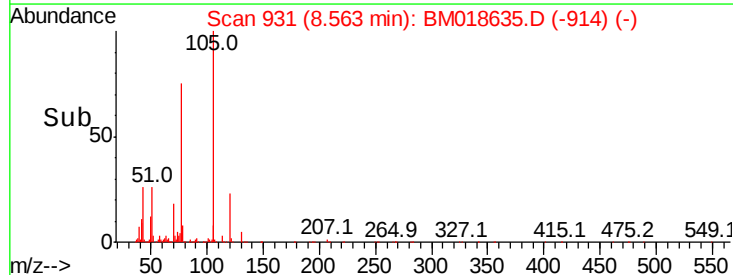
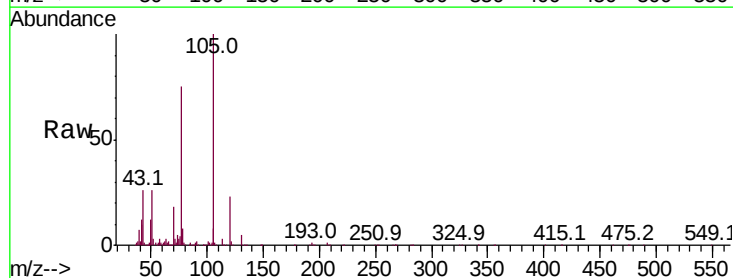
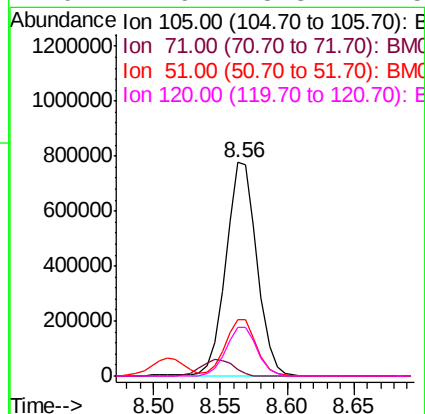
RT: 8.56 min Scan# 931

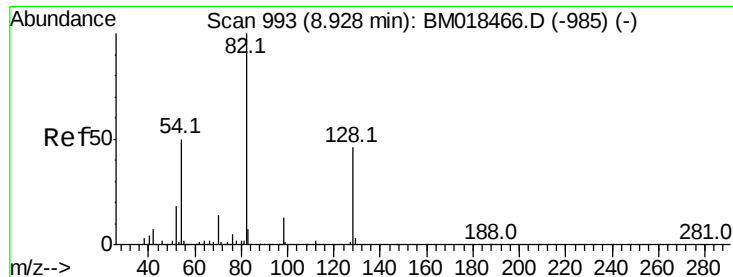
Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.7	2.5#
51	26.1	22.6	34.0
120	22.6	18.3	27.5





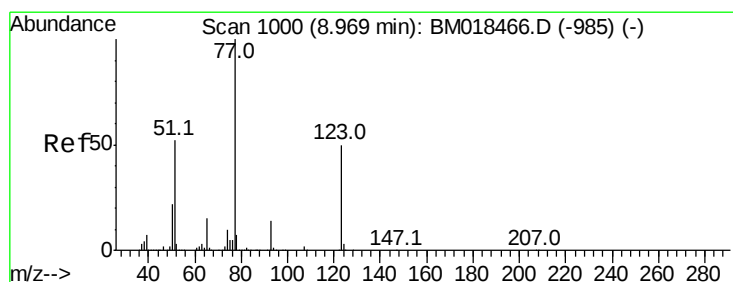
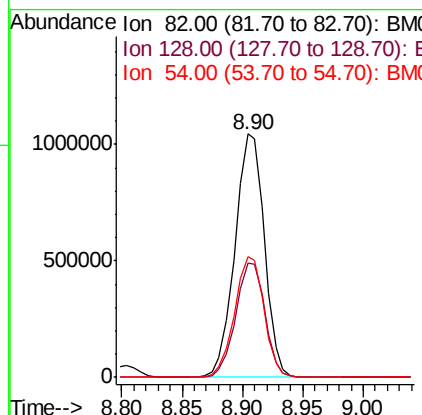
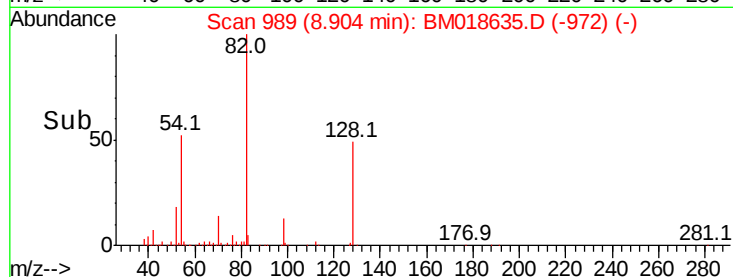
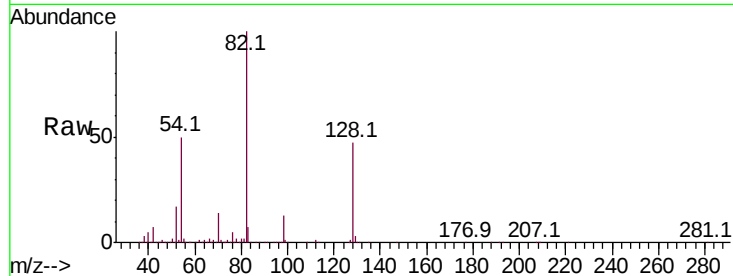
#23
Nitrobenzene-d5
Concen: 81.374 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion: 82 Resp: 1779169
Ion Ratio Lower Upper
82 100
128 46.7 36.3 54.5
54 49.6 41.7 62.5

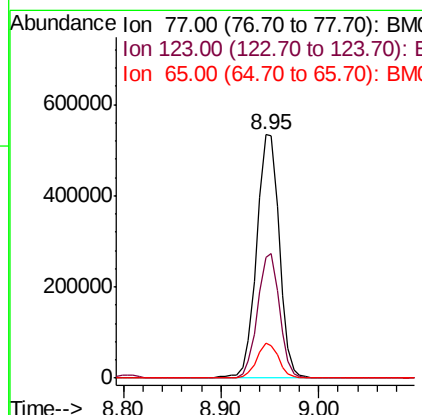
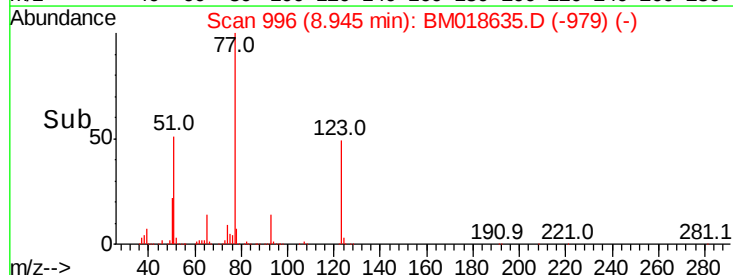
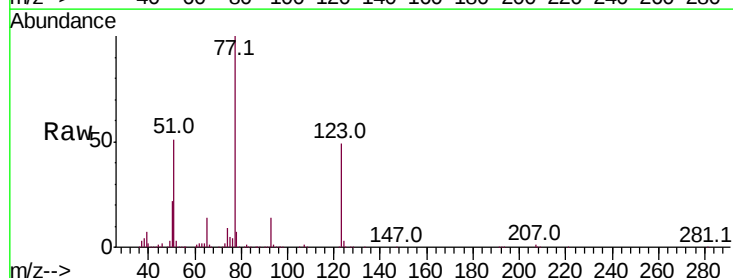
Manual Integrations
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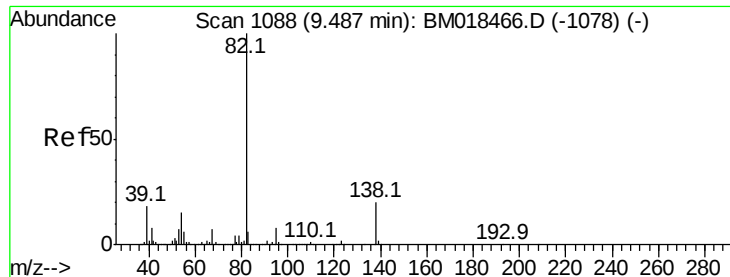
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#24
Nitrobenzene
Concen: 40.224 ng
RT: 8.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion: 77 Resp: 865341
Ion Ratio Lower Upper
77 100
123 49.4 37.7 56.5
65 14.2 11.0 16.6





#25

Isophorone

Concen: 43.429 ng

RT: 9.47 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1437861

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

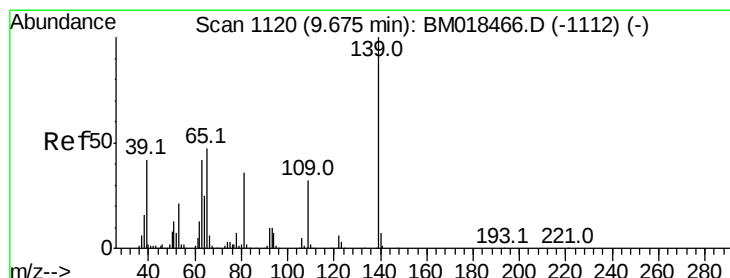
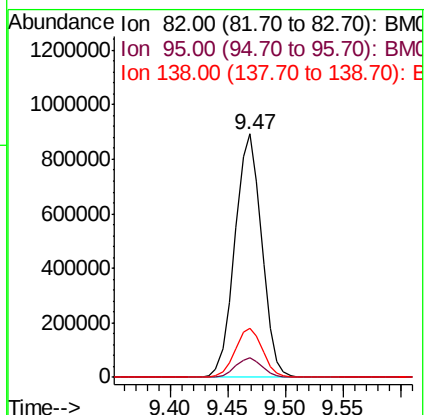
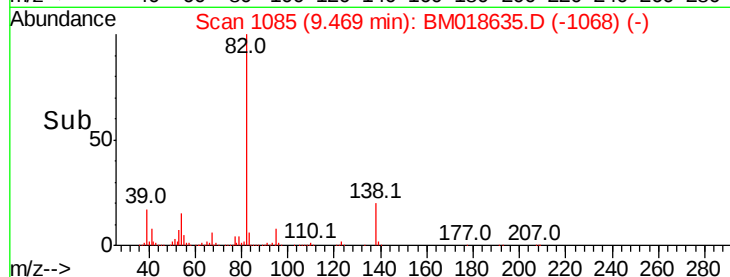
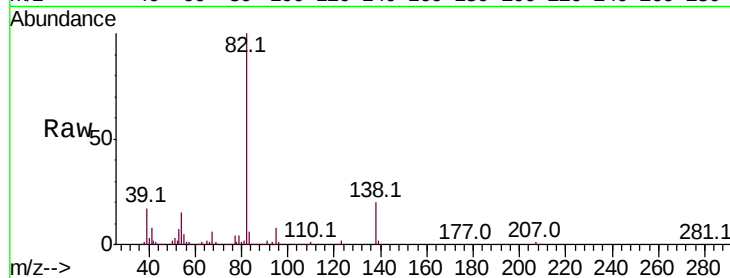
138 20.1 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.924 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

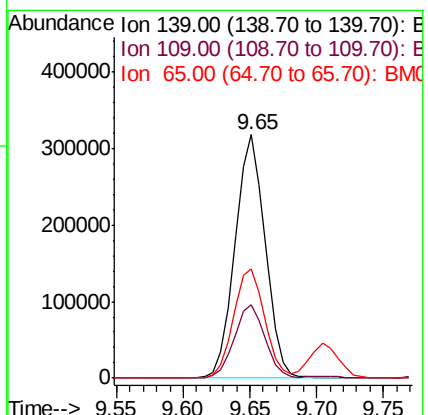
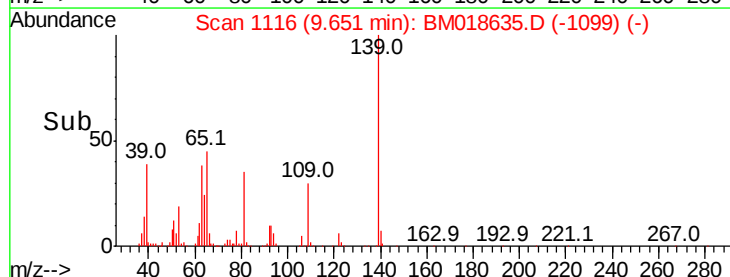
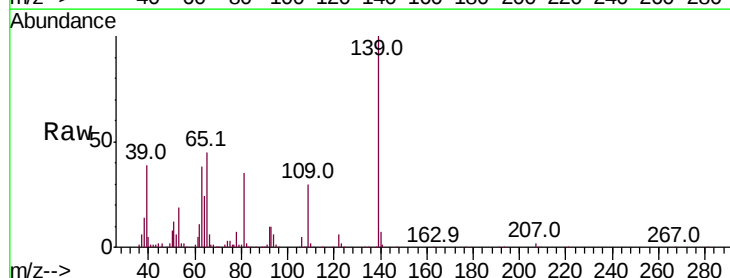
Tgt Ion: 139 Resp: 498515

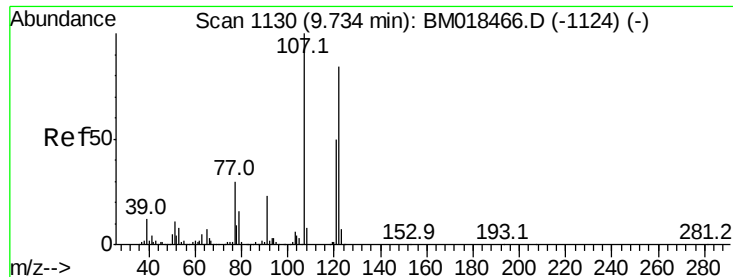
Ion Ratio Lower Upper

139 100

109 29.9 23.4 35.2

65 45.1 39.4 59.2





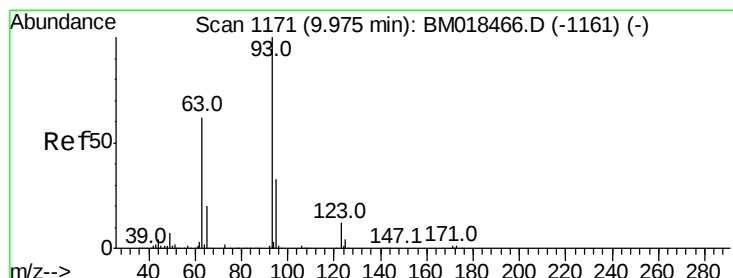
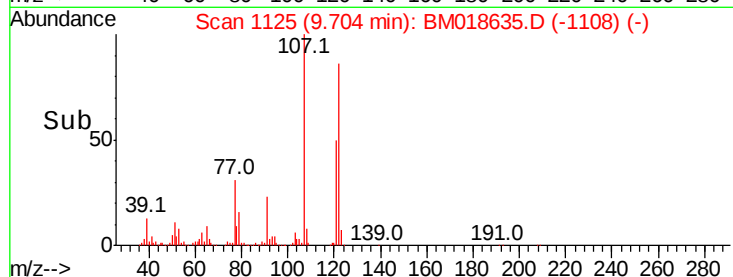
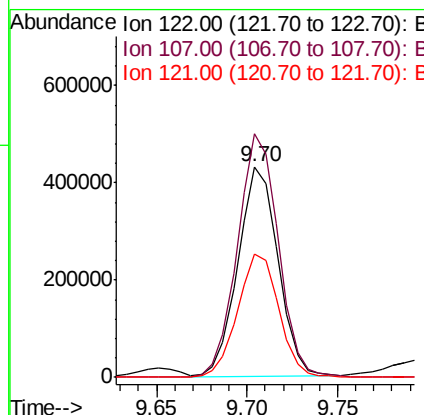
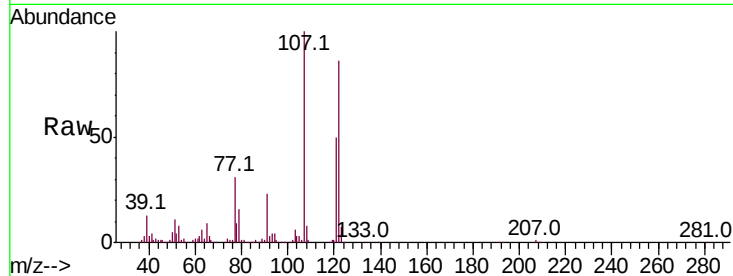
#27
2,4-Dimethylphenol
Concen: 42.189 ng
RT: 9.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.9	137.9
121	58.3	47.5	71.3

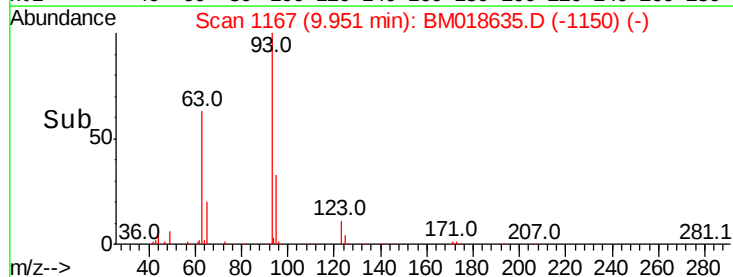
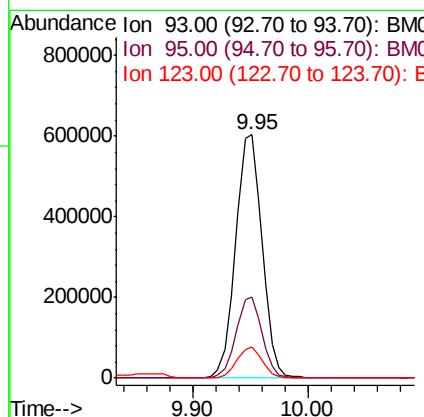
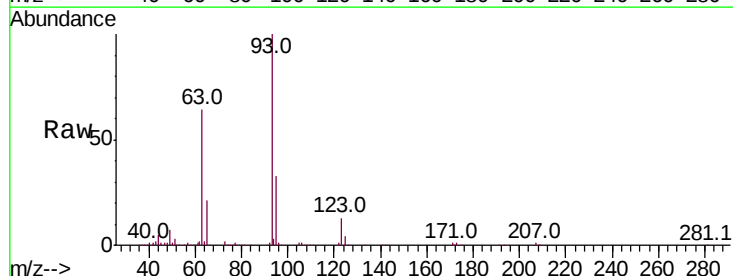
Manual Integrations
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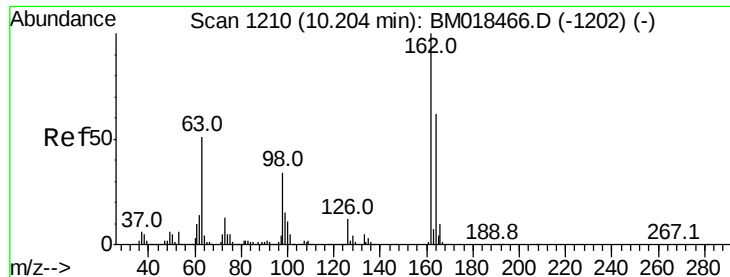
Sohil
1/21/2019 1:58:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.880 ng
RT: 9.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.7	9.9	14.9





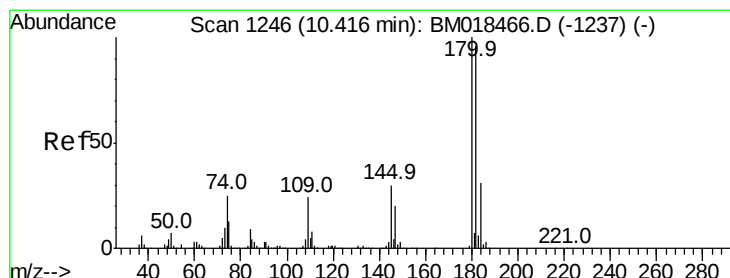
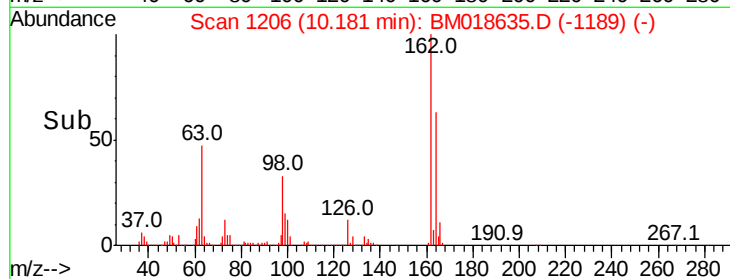
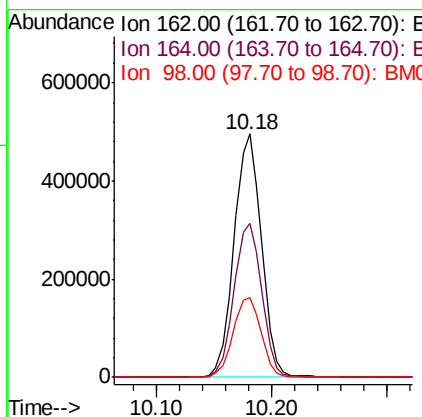
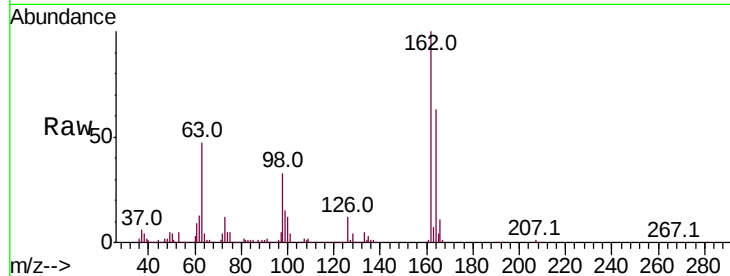
#29
2,4-Dichlorophenol
Concen: 43.862 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.4	45.6	85.6	
98	32.9	14.7	54.7	

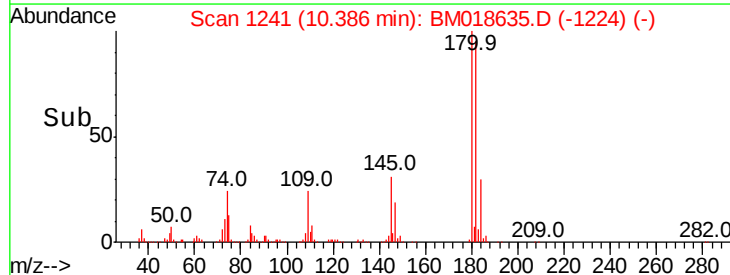
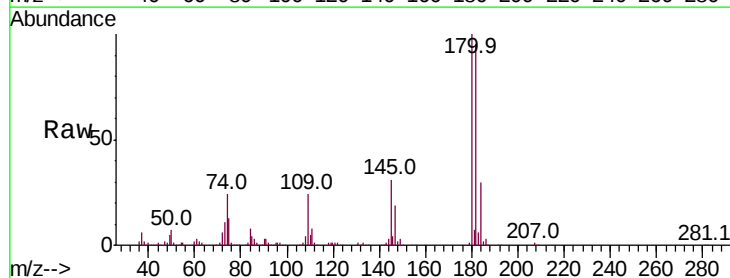
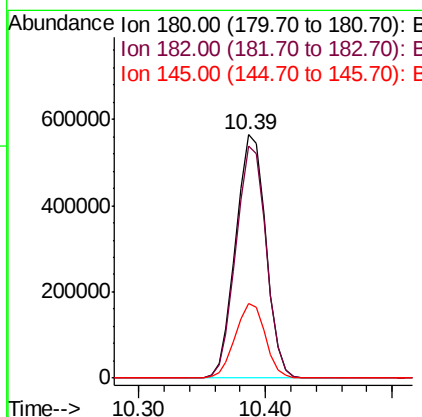
Manual Integrations
APPROVED

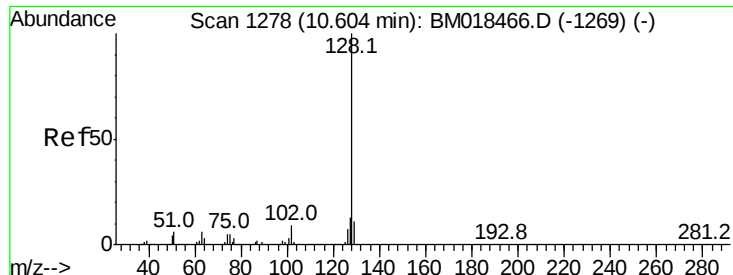
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.519 ng
RT: 10.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	77.4	116.2	
145	30.8	24.6	37.0	





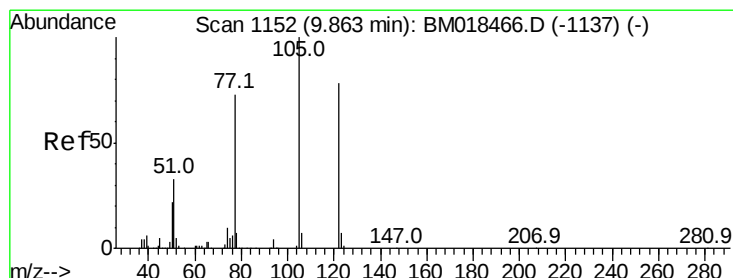
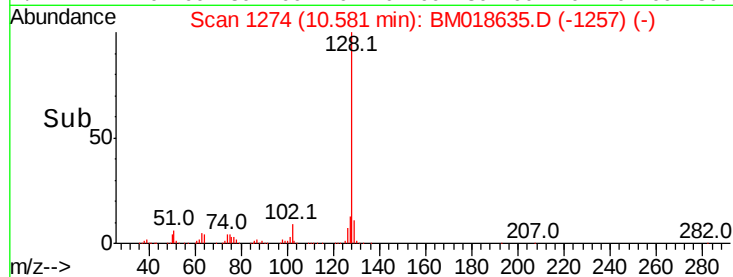
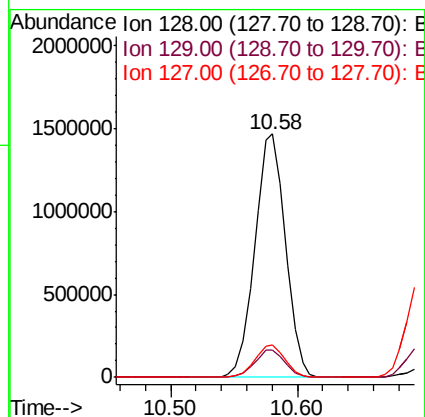
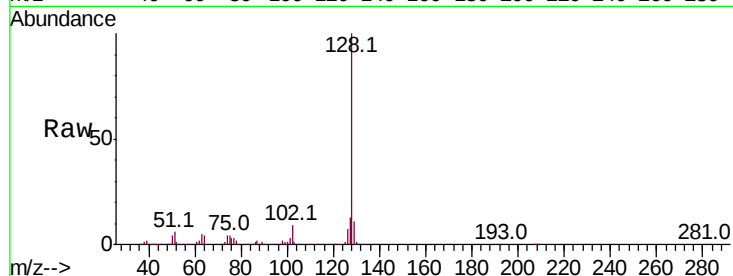
#31
Naphthalene
Concen: 40.376 ng
RT: 10.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.8	16.2

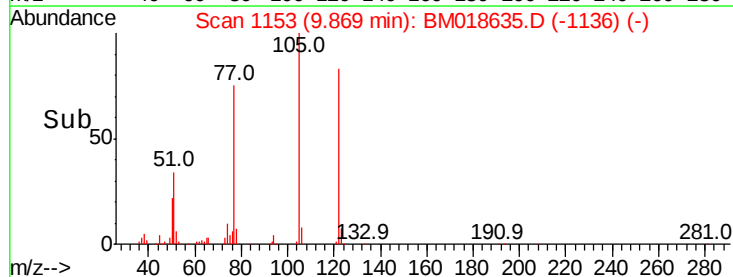
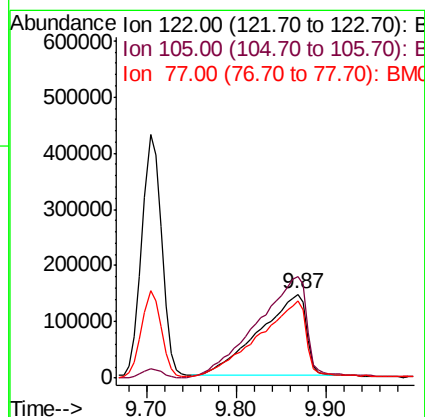
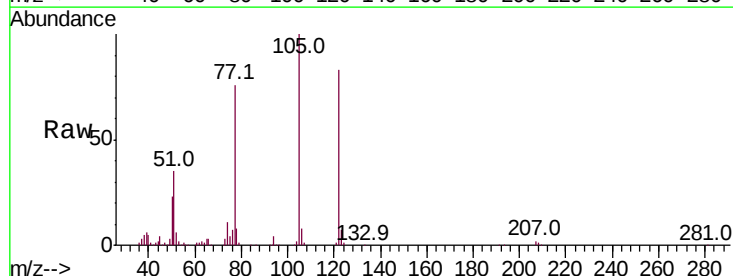
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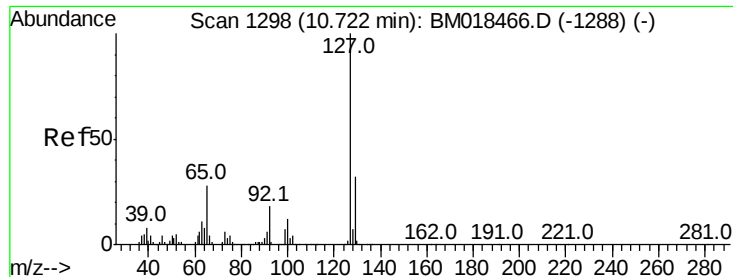
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#32
Benzoic acid
Concen: 50.222 ng m
RT: 9.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	100.4	140.4
77	91.2	71.7	111.7





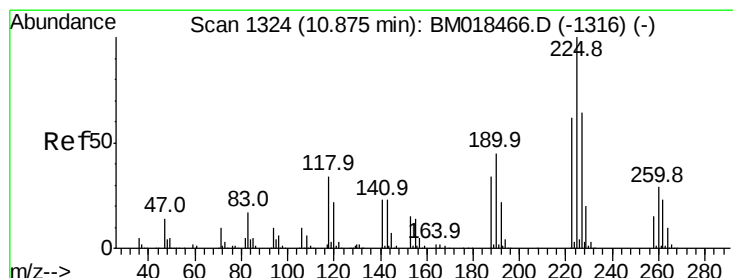
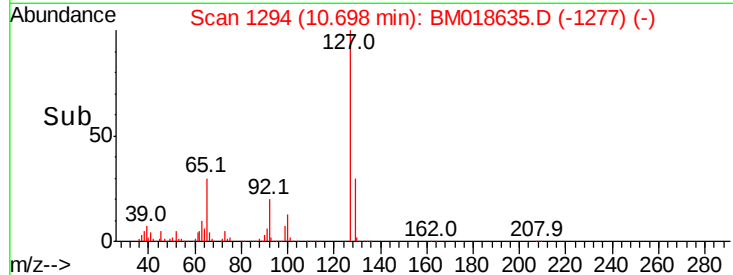
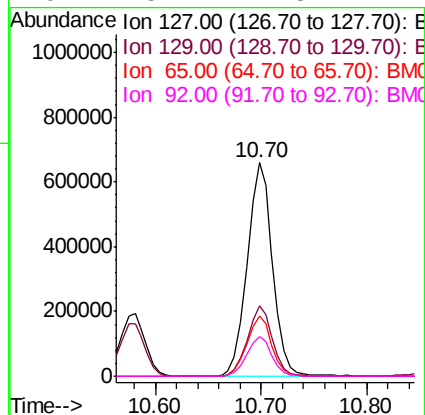
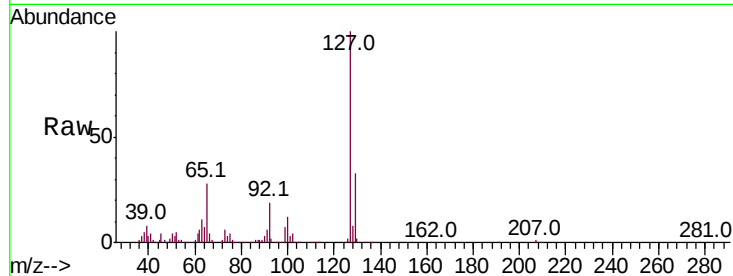
#33
4-Chloroaniline
Concen: 45.488 ng
RT: 10.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.3	23.4	35.2
92	18.7	14.5	21.7

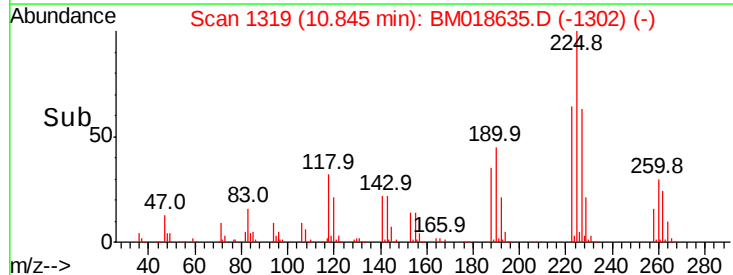
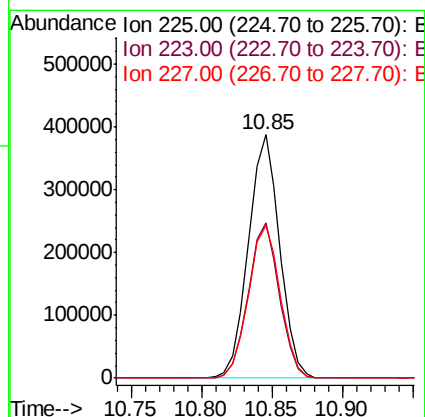
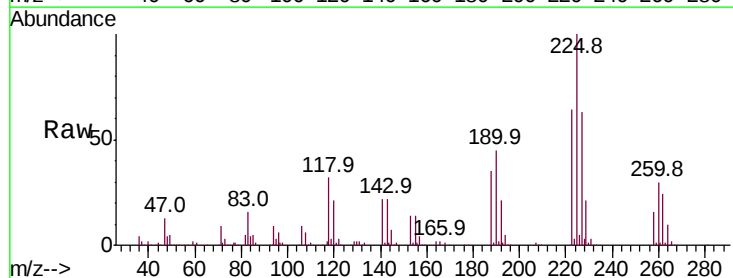
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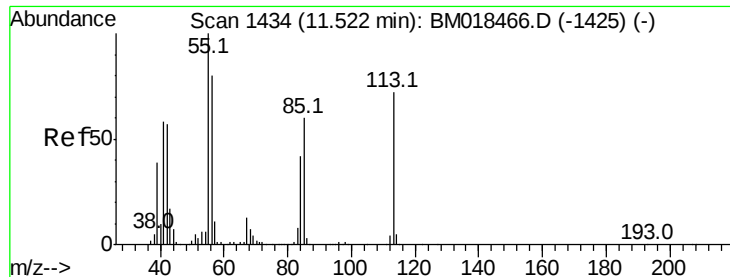
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#34
Hexachlorobutadiene
Concen: 41.335 ng
RT: 10.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.8	76.2
227	62.9	50.4	75.6





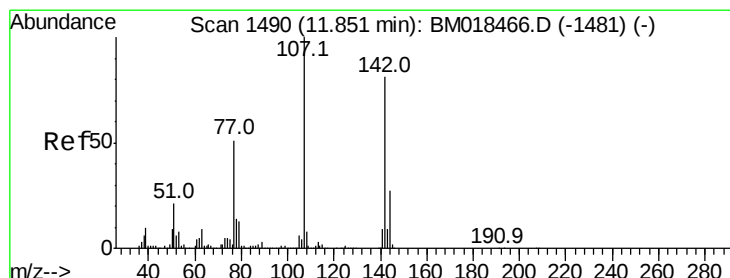
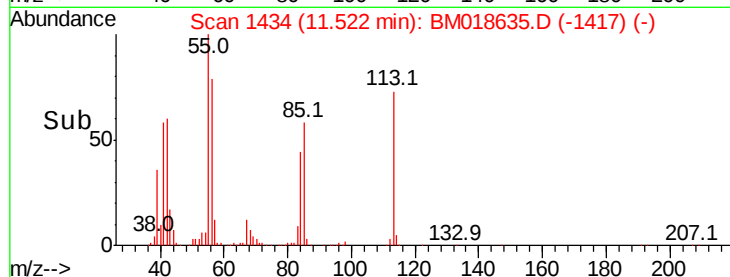
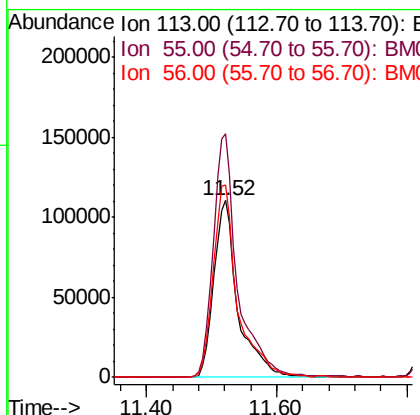
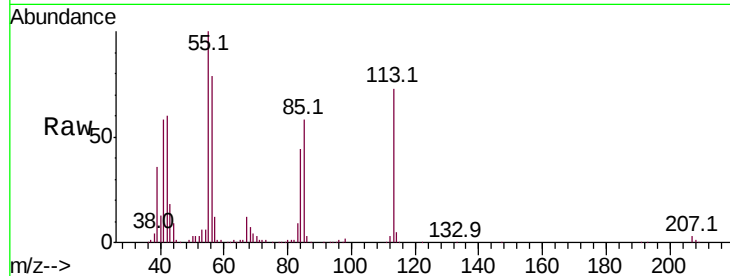
#35
 Caprolactam
 Concen: 45.103 ng/ml
 RT: 11.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.6	139.3	179.3#
56	108.9	101.4	141.4

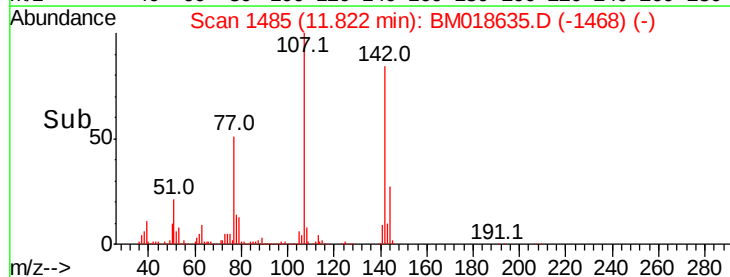
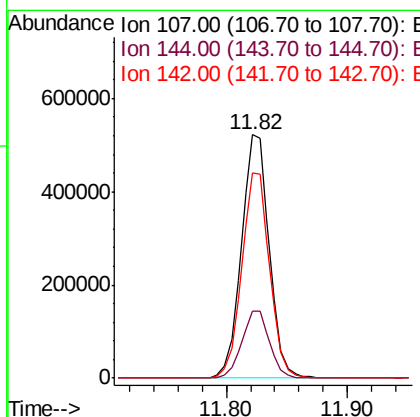
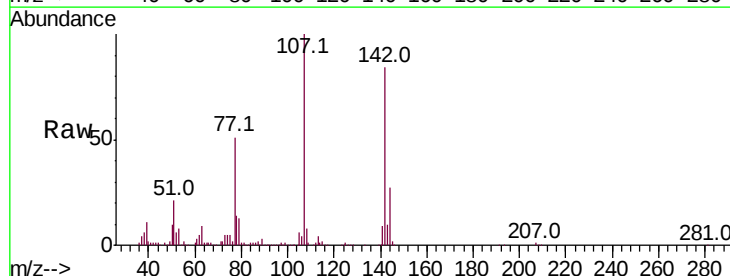
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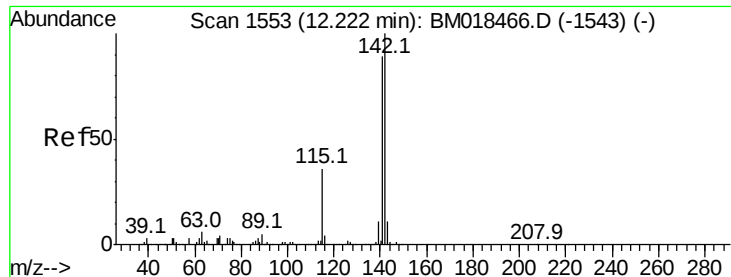
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#36
 4-Chloro-3-methylphenol
 Concen: 43.005 ng/ml
 RT: 11.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.9	32.9
142	84.1	67.9	101.9





#37

2-Methylnaphthalene

Concen: 40.954 ng

RT: 12.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

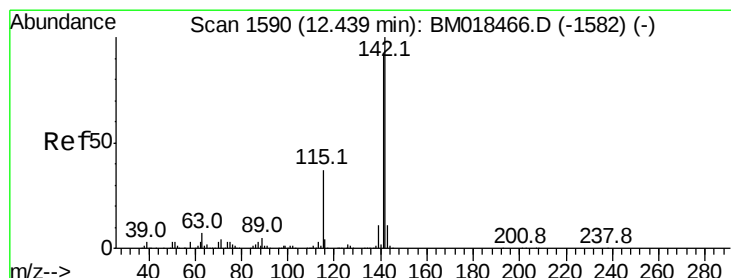
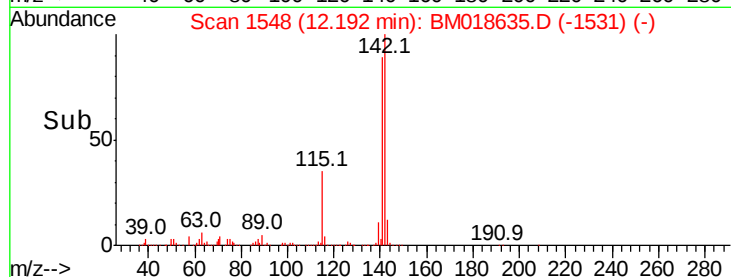
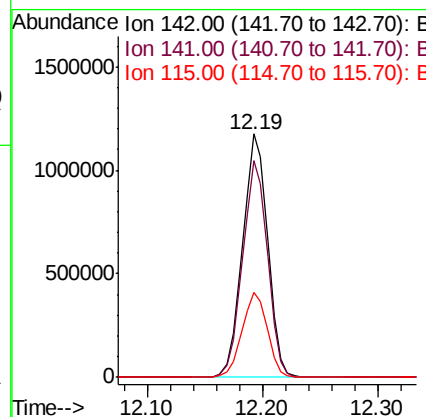
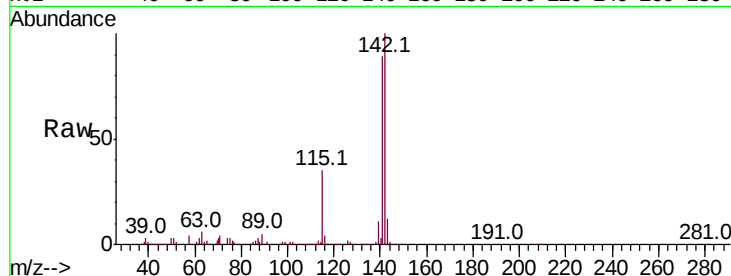
Instrument :
BNA_M

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	34.7	28.0	42.0

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 40.832 ng

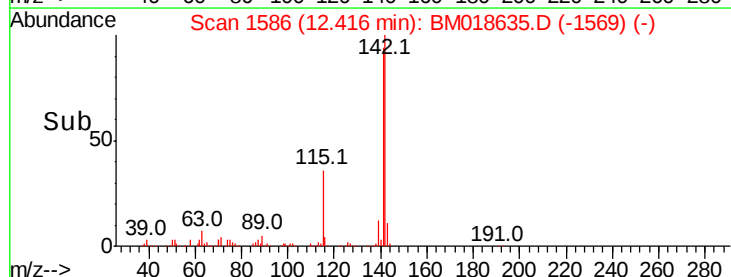
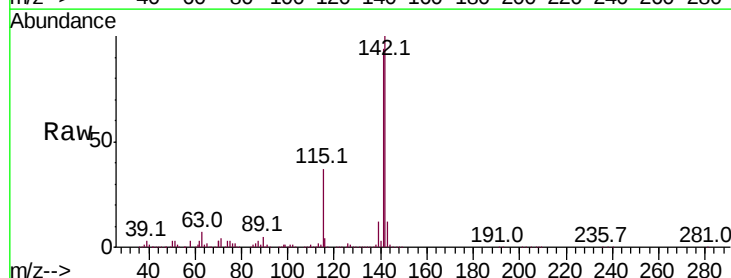
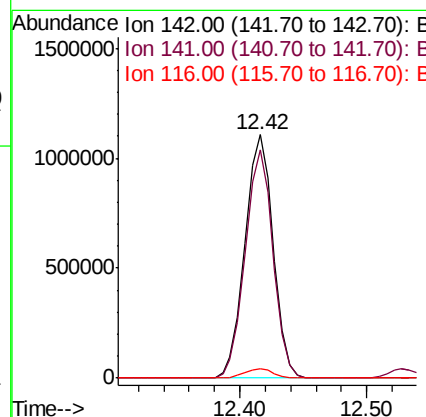
RT: 12.42 min Scan# 1586

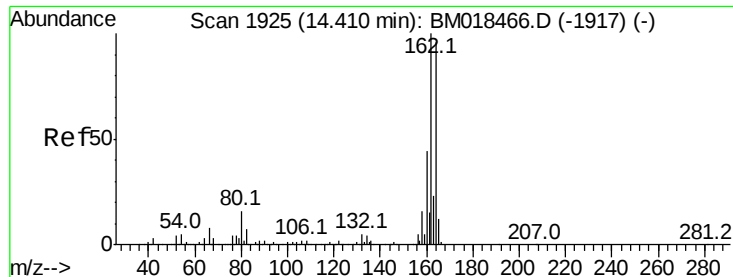
Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.6	113.4
116	3.8	3.0	4.6





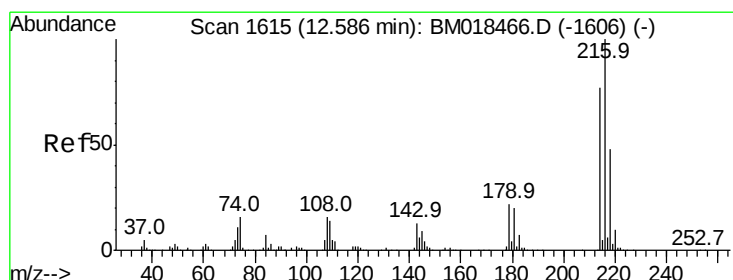
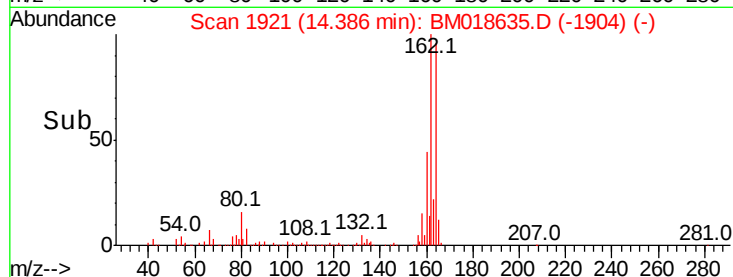
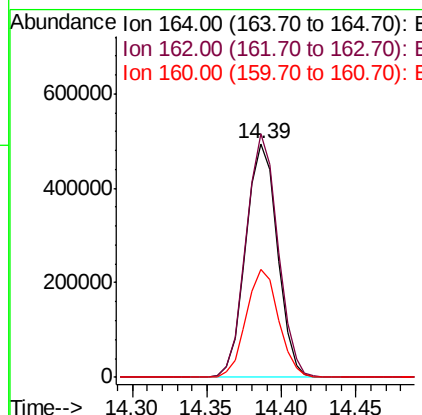
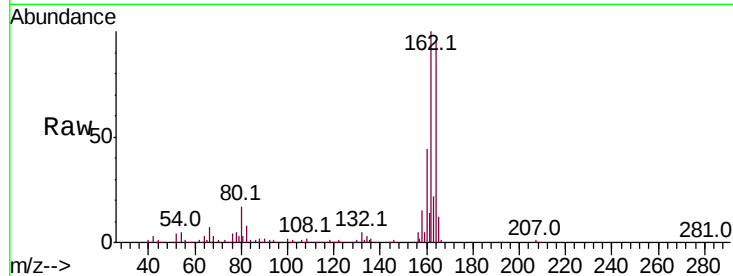
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	46.3	37.1	55.7

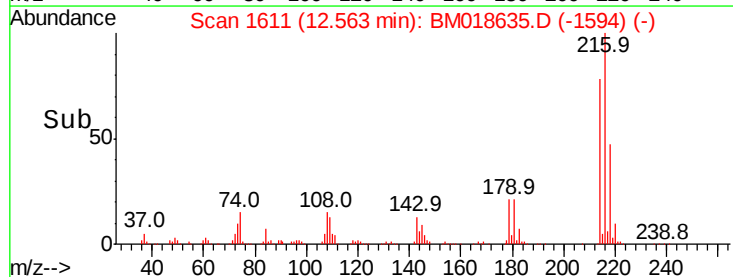
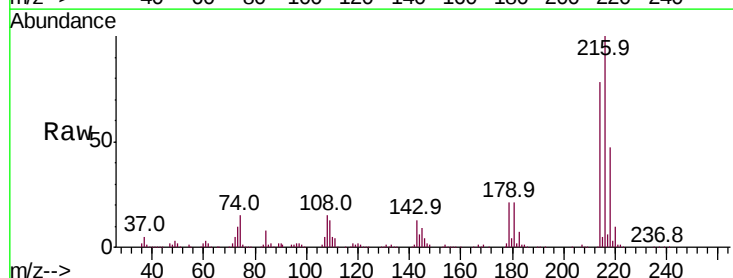
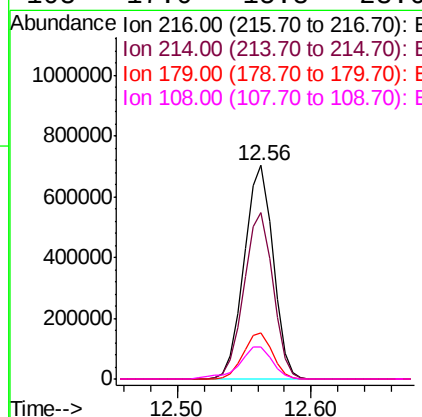
Manual Integrations
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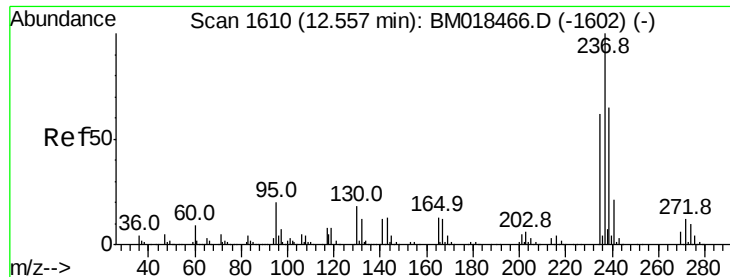
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.482 ng
RT: 12.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	21.6	17.9	26.9
108	17.0	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 37.179 ng

RT: 12.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

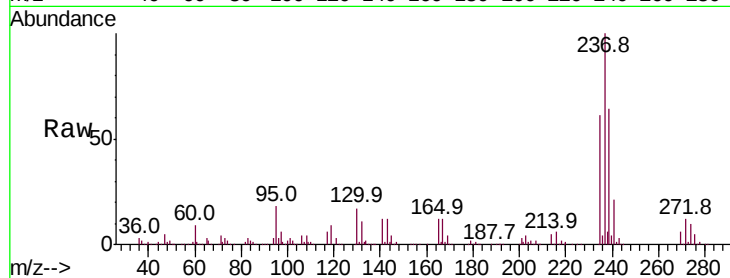
ClientSampleId :

SSTDCCC040

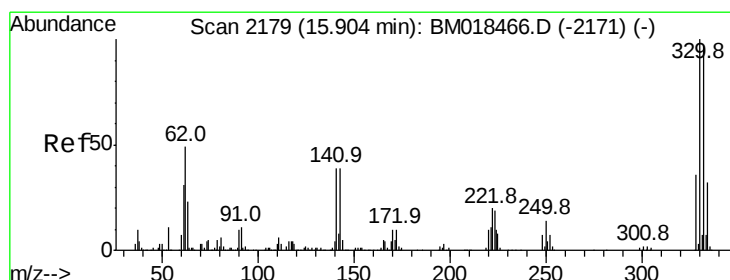
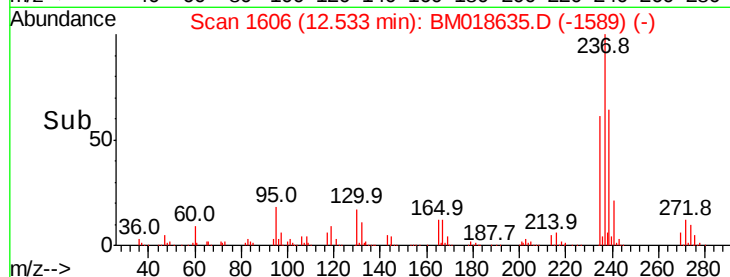
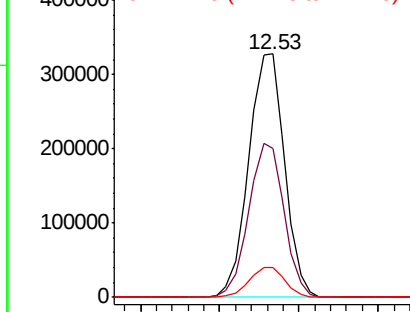
Tot Ion:	237	Resp:	515912
Ion Ratio	Lower	Upper	
237	100		
235	61.3	42.8	82.8
272	12.1	0.0	31.9

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: 89.140 ng

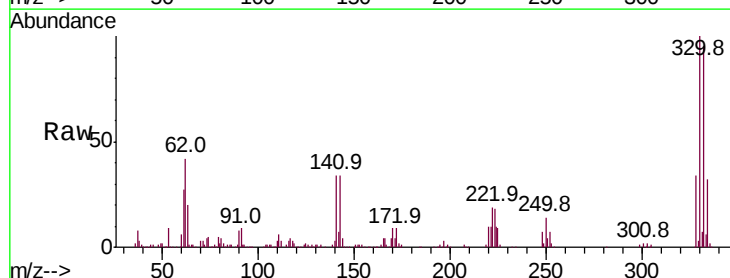
RT: 15.89 min Scan# 2176

Delta R.T. 0.00 min

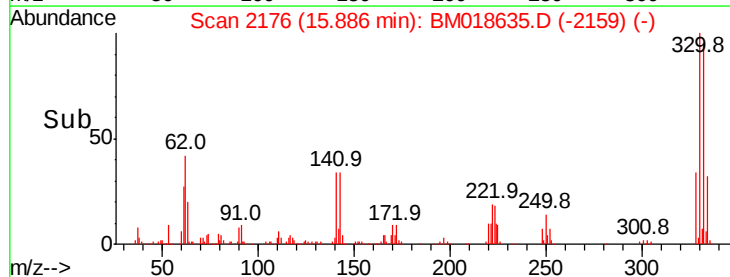
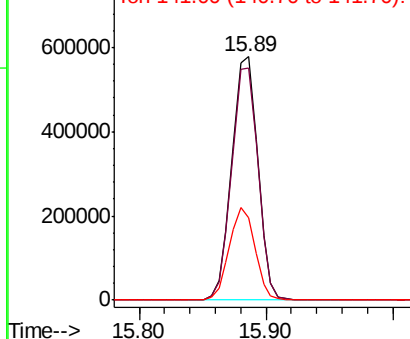
Lab File: BM018635.D

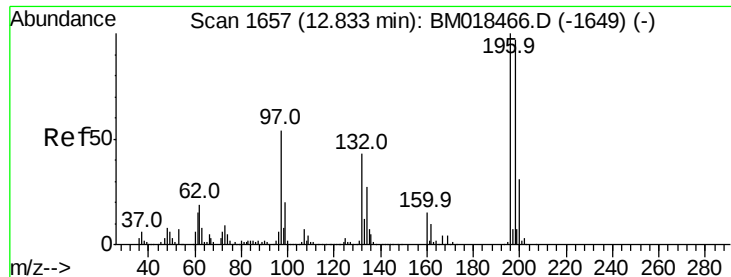
Acq: 18 Jan 2019 13:52

Tgt Ion:	330	Resp:	820625
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.6	116.4
141	37.7	31.7	47.5



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





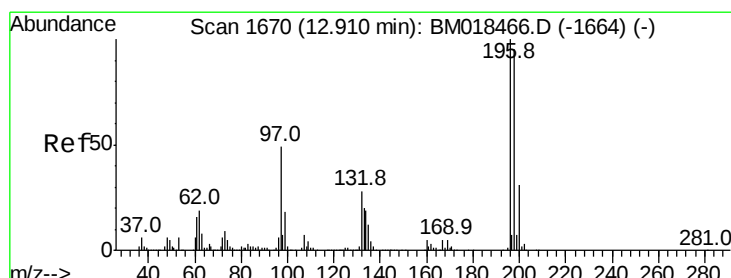
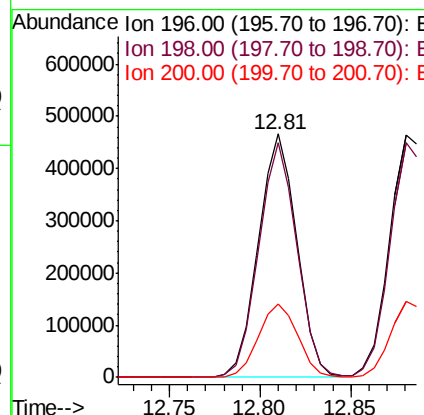
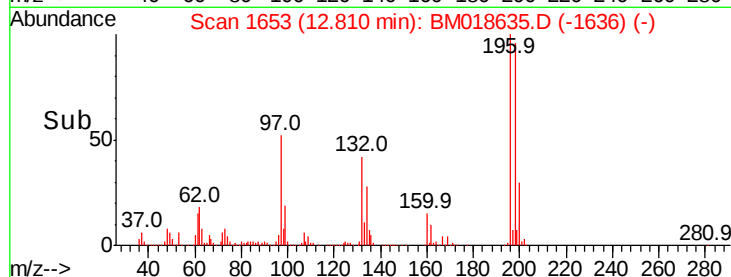
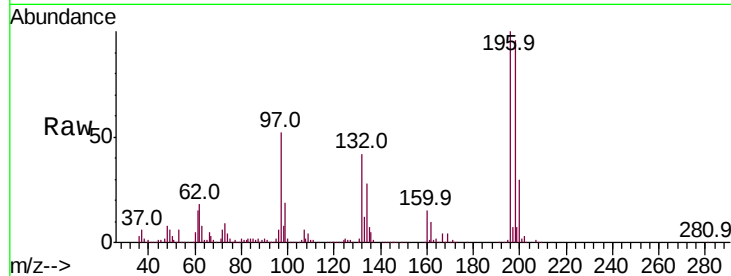
#43
2,4,6-Trichlorophenol
Concen: 44.718 ng
RT: 12.81 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	686596		
198	96.2	76.6	115.0	
200	30.4	24.2	36.4	

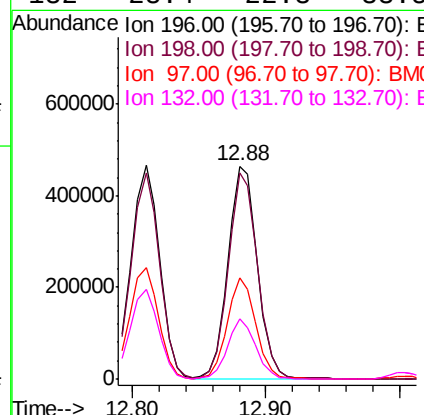
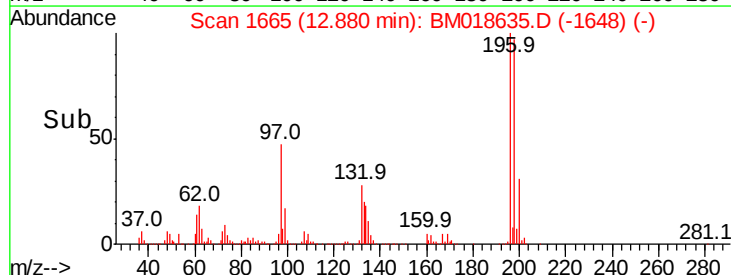
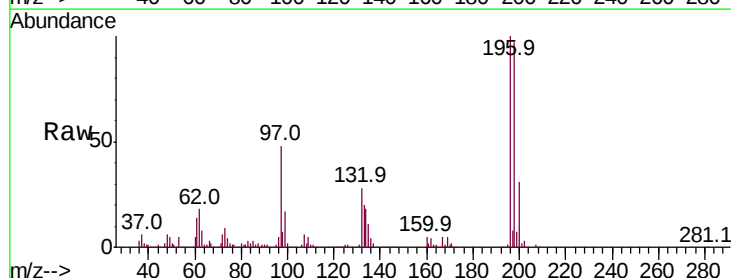
Manual Integrations
APPROVED

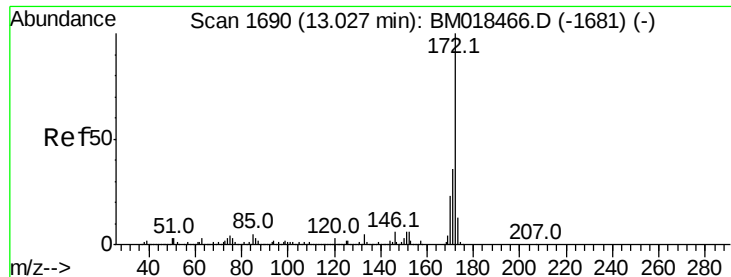
Sohil
1/21/2019 1:58:25 PM



#44
2,4,5-Trichlorophenol
Concen: 44.269 ng
RT: 12.88 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	714848		
198	96.9	76.7	115.1	
97	47.5	39.2	58.8	
132	28.4	22.3	33.5	





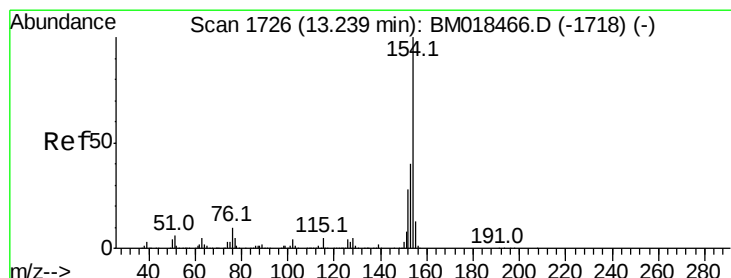
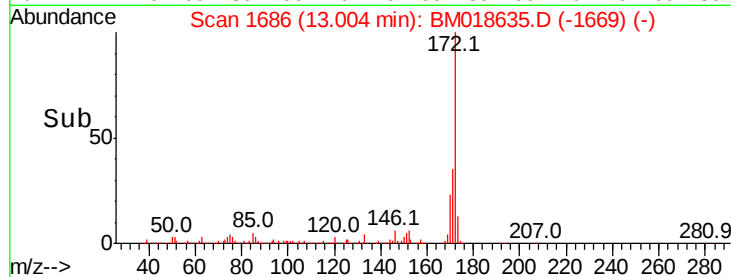
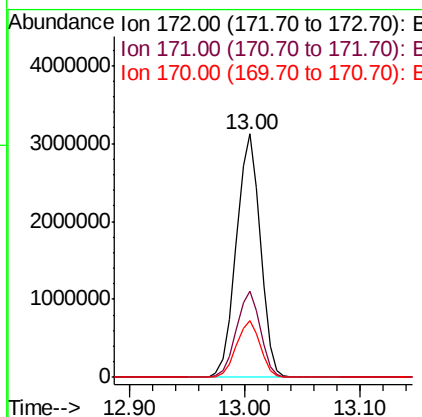
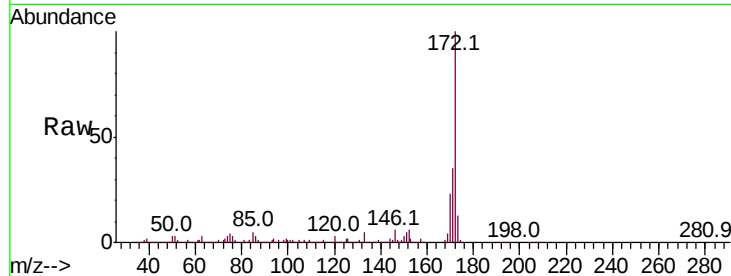
#45
2-Fluorobiphenyl
Concen: 80.983 ng
RT: 13.00 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 4487217
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.9 28.3

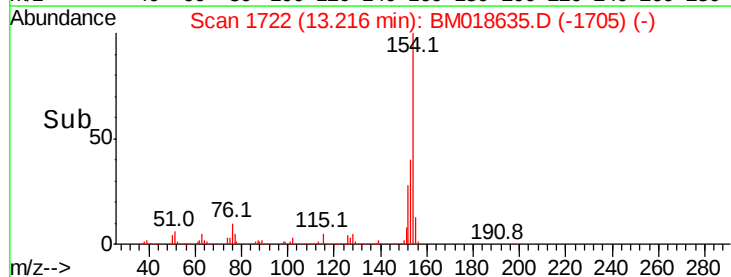
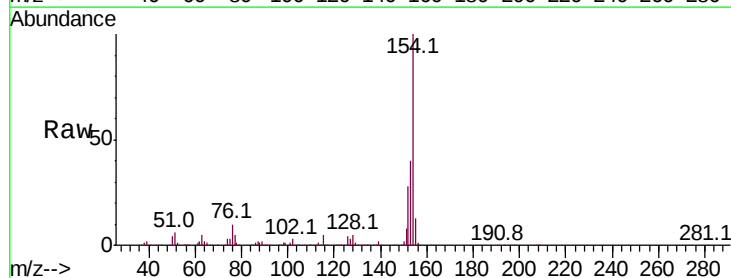
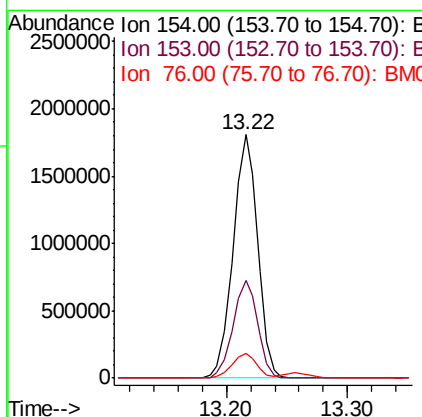
Manual Integrations
APPROVED

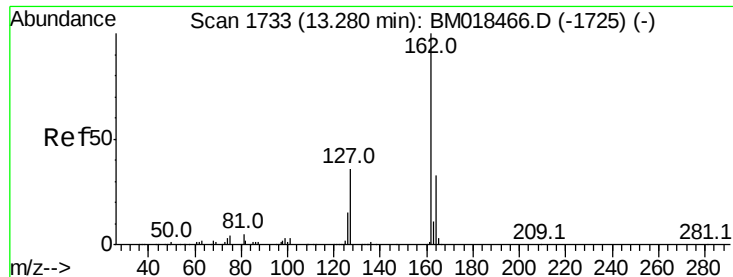
Sohil
1/21/2019 1:58:25 PM



#46
1,1'-Biphenyl
Concen: 40.310 ng
RT: 13.22 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion:154 Resp: 2544801
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 10.2 0.0 31.9





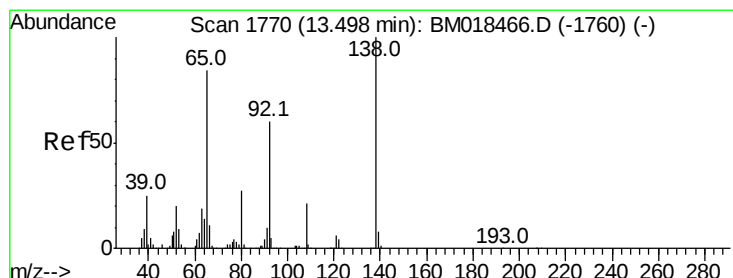
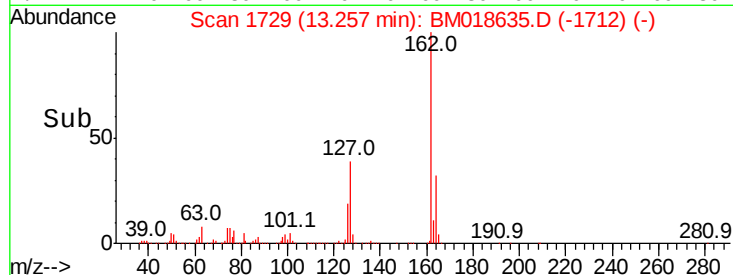
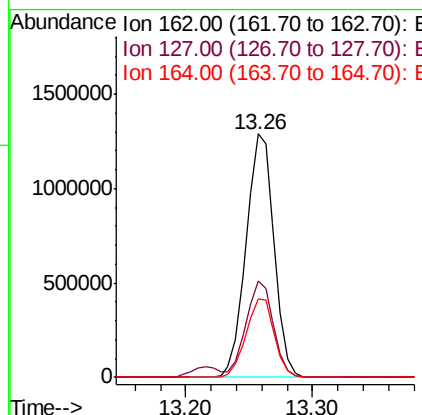
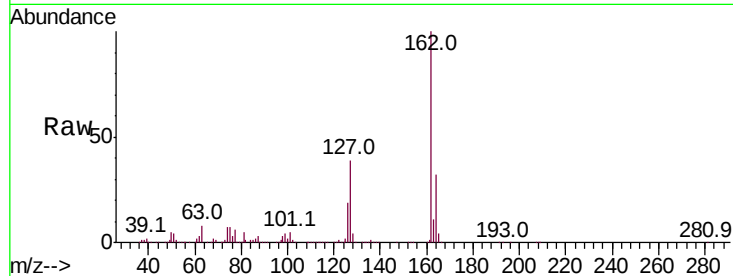
#47
2-Chloronaphthalene
Concen: 40.242 ng
RT: 13.26 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion: 162 Resp: 1970059
Ion Ratio Lower Upper
162 100
127 39.5 31.4 47.0
164 32.5 26.2 39.4

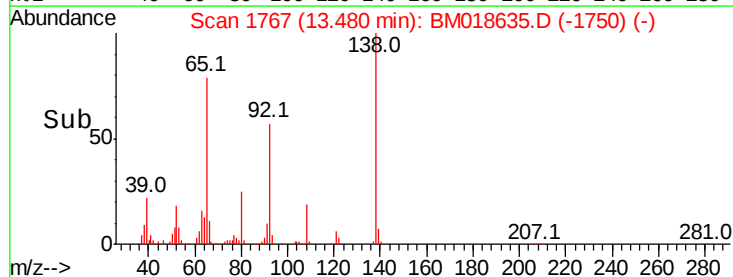
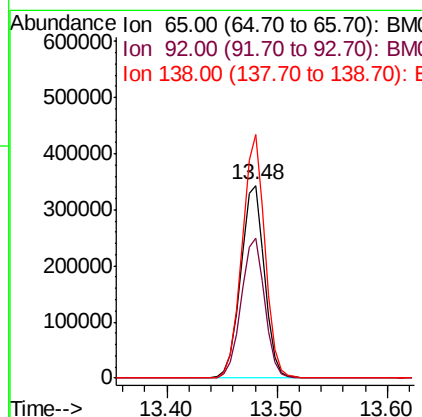
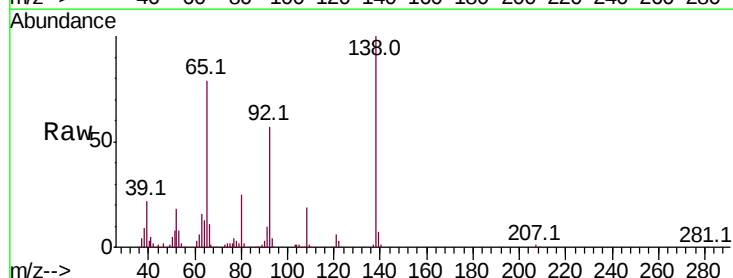
Manual Integrations
APPROVED

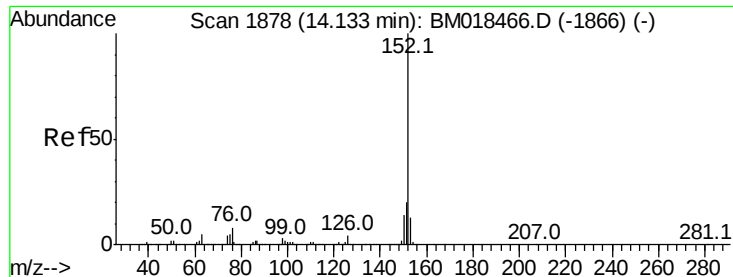
Sohil
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#48
2-Nitroaniline
Concen: 43.269 ng
RT: 13.48 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion: 65 Resp: 521140
Ion Ratio Lower Upper
65 100
92 72.4 53.4 80.2
138 126.3 88.9 133.3





#49

Acenaphthylene

Concen: 40.590 ng

RT: 14.11 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:152 Resp: 2895819

Ion Ratio Lower Upper

152 100

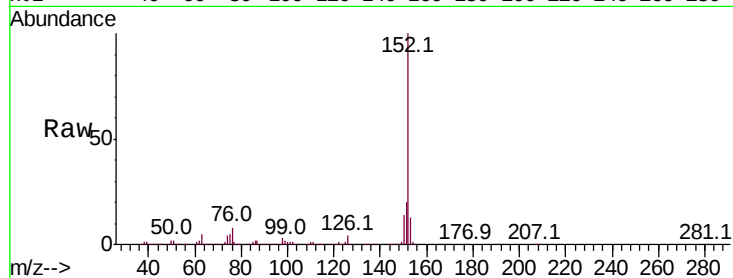
151 20.0 15.7 23.5

153 13.1 10.5 15.7

Manual Integrations
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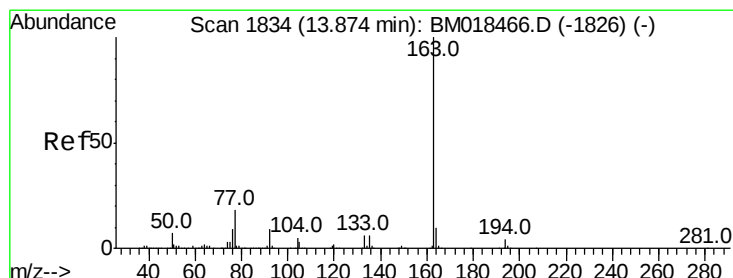
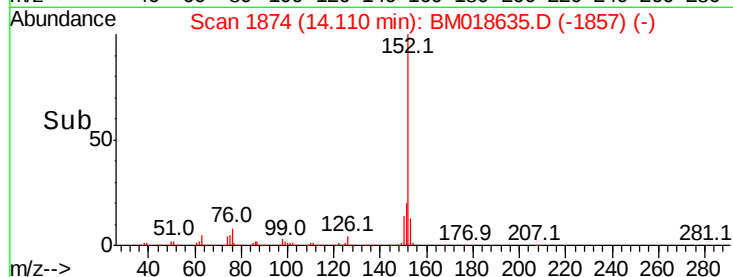
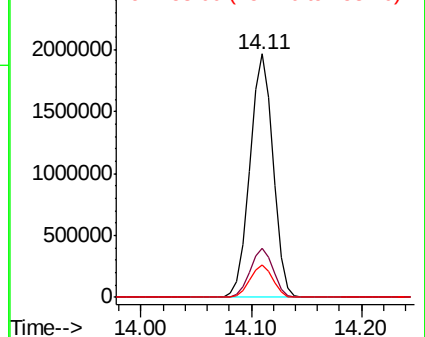


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.837 ng

RT: 13.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

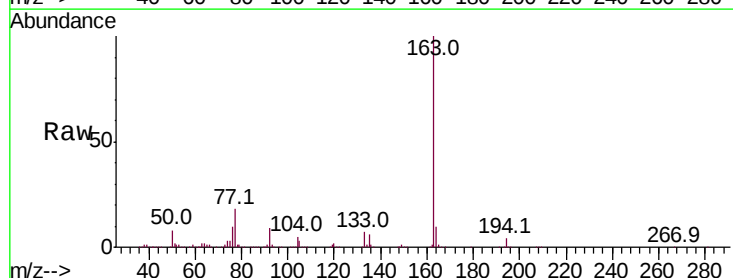
Tgt Ion:163 Resp: 2424912

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.3 7.8 11.8

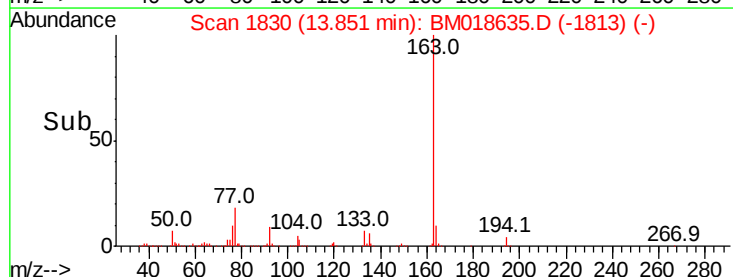
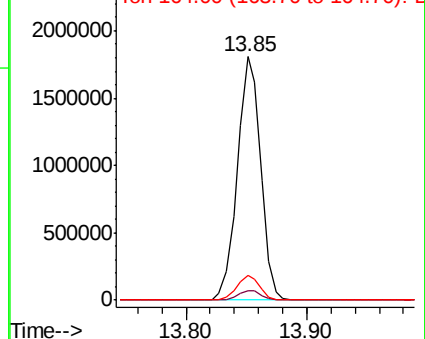


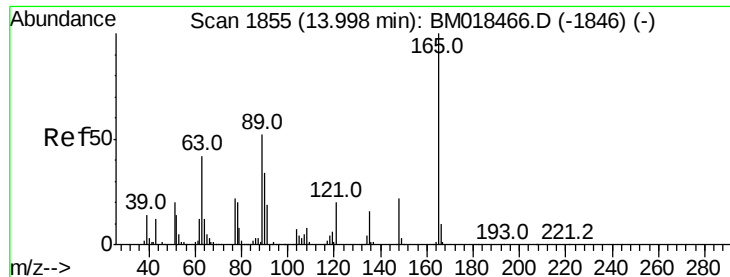
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





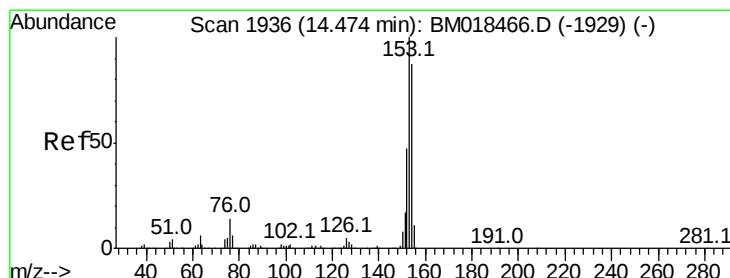
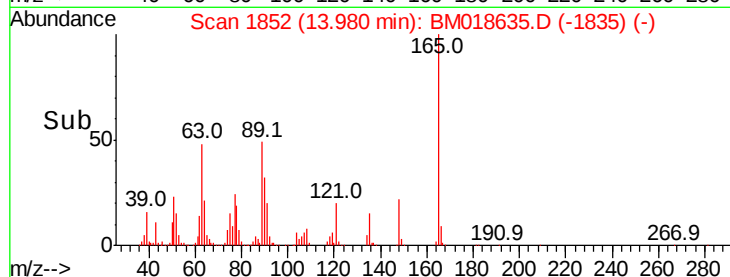
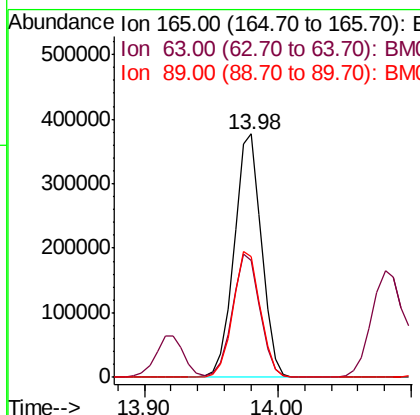
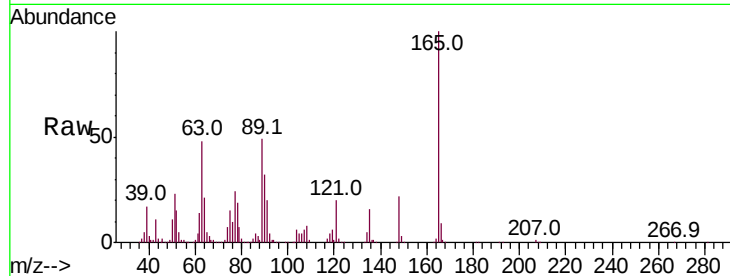
#51
2,6-Dinitrotoluene
Concen: 42.577 ng
RT: 13.98 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.2	45.6	68.4
89	49.4	44.6	66.8

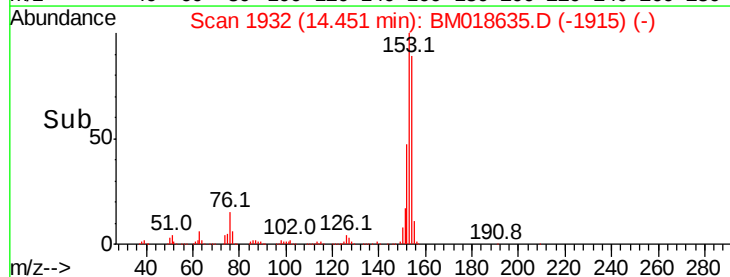
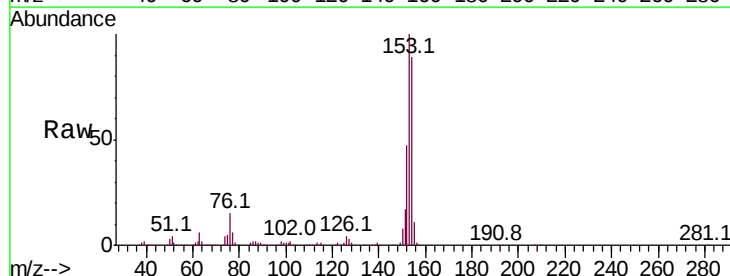
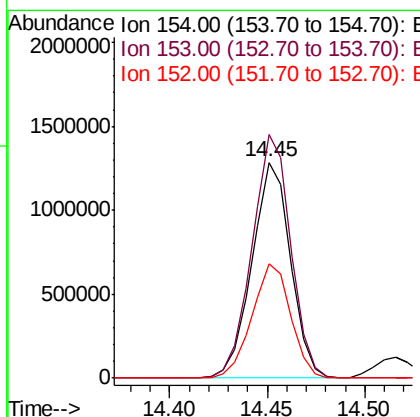
Manual Integrations
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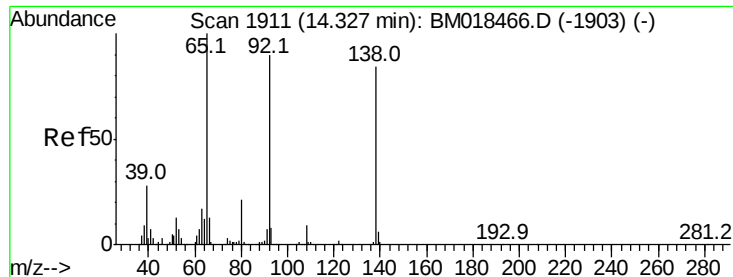
Sohil
1/21/2019 1:58:25 PM



#52
Acenaphthene
Concen: 40.183 ng
RT: 14.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	92.3	138.5
152	52.8	43.8	65.6





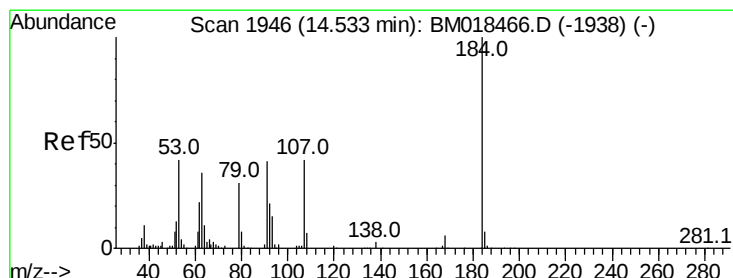
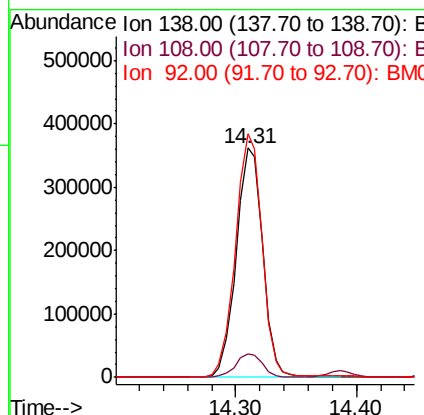
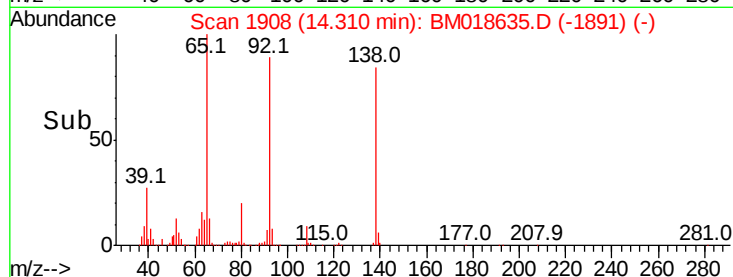
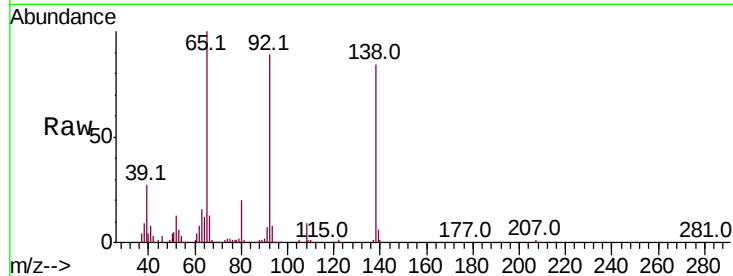
#53
3-Nitroaniline
Concen: 43.882 ng
RT: 14.31 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	106.1	88.2	132.2

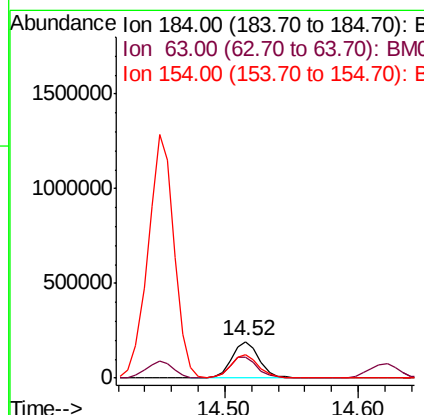
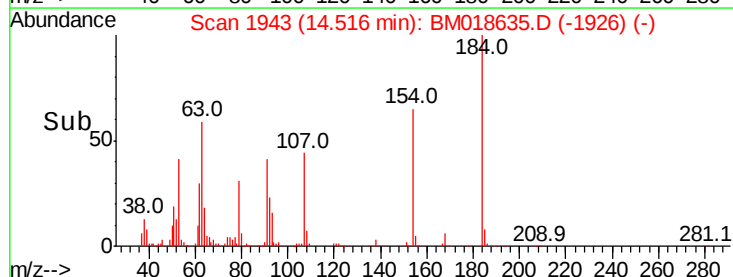
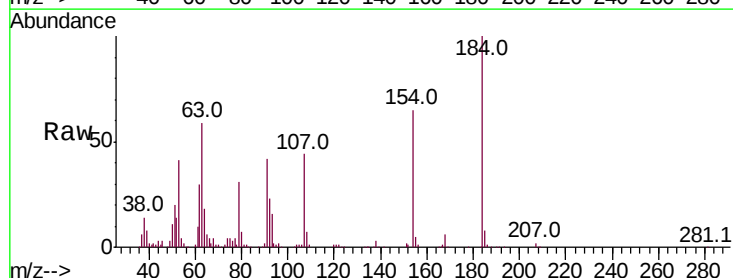
Manual Integrations
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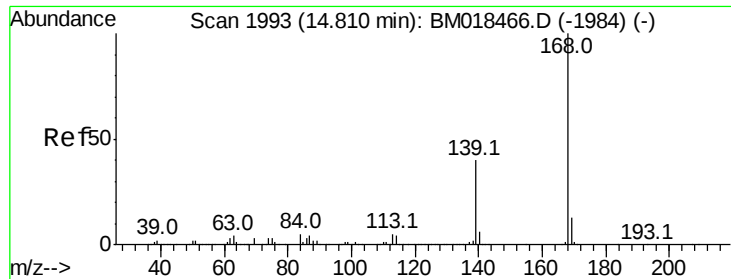
Sohil
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#54
2,4-Dinitrophenol
Concen: 44.192 ng
RT: 14.52 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	55.9	83.9
154	65.4	54.2	81.4





#55

Dibenzofuran

Concen: 39.411 ng

RT: 14.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:168 Resp: 2842500

Ion Ratio Lower Upper

168 100

139 39.1

169 13.5

30.3

45.5

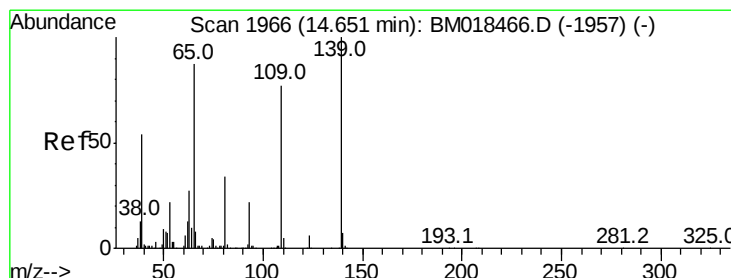
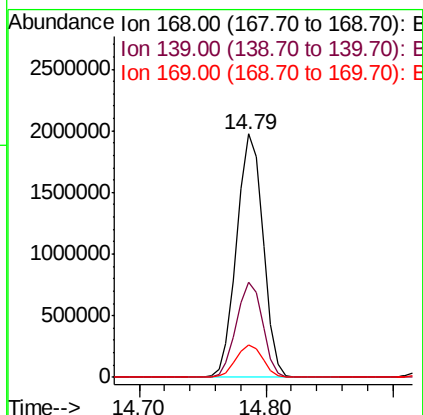
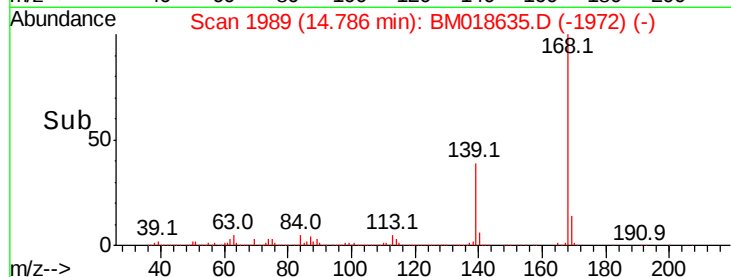
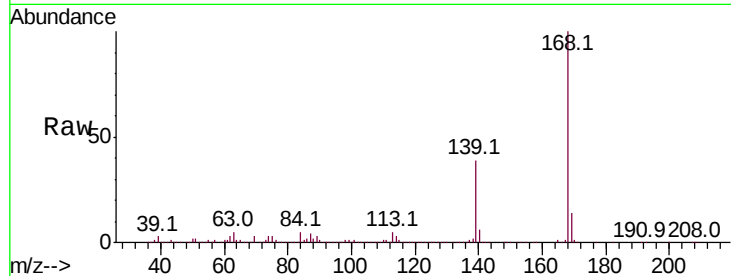
10.6

16.0

Manual Integrations
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#56

4-Nitrophenol

Concen: 40.305 ng

RT: 14.62 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion:139 Resp: 441534

Ion Ratio Lower Upper

139 100

109 76.1

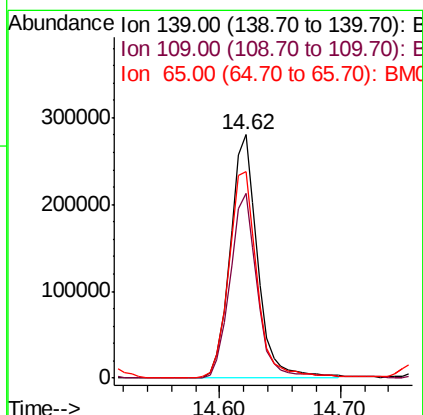
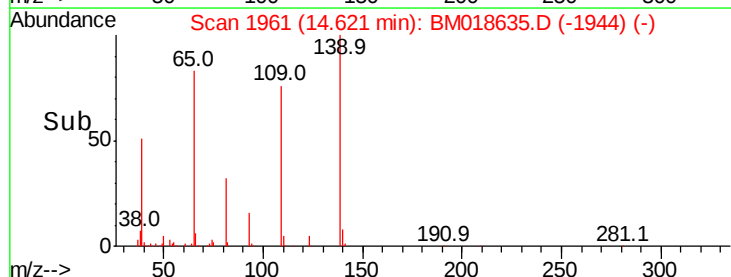
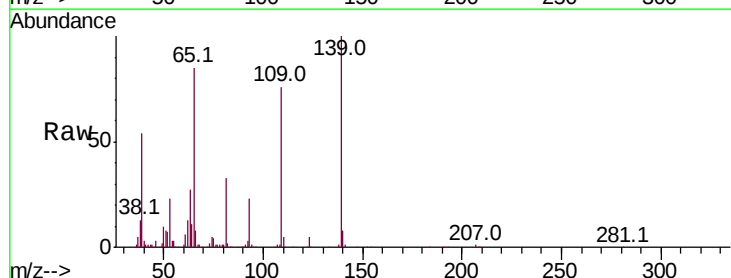
65 84.8

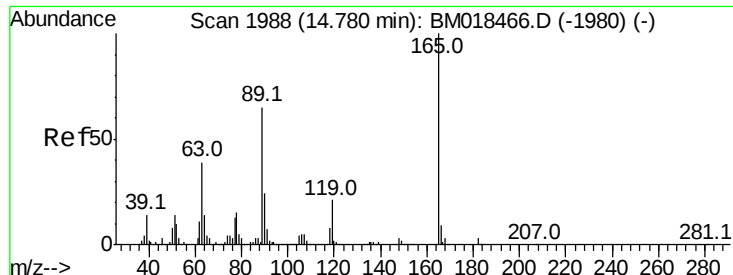
51.7

91.7

71.4

111.4





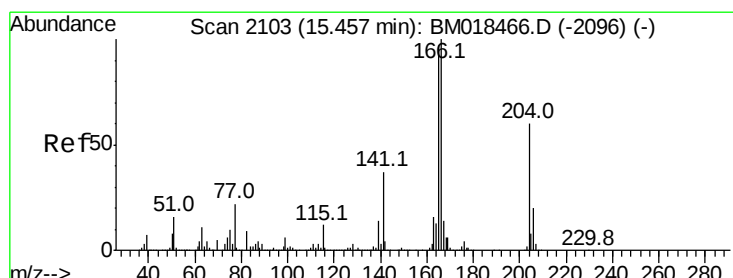
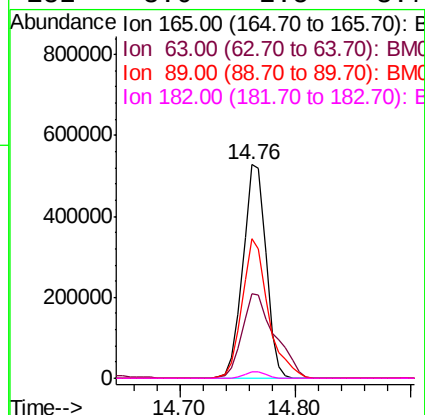
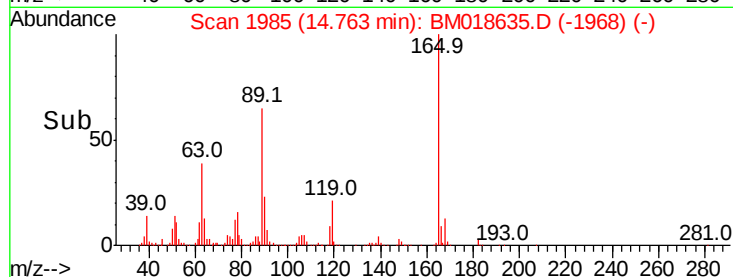
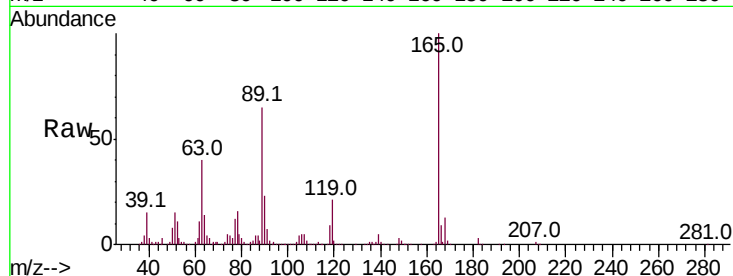
#57
2,4-Dinitrotoluene
Concen: 41.145 ng
RT: 14.76 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	732239		
63	39.7	32.2	48.2	
89	65.4	52.1	78.1	
182	3.0	2.5	3.7	

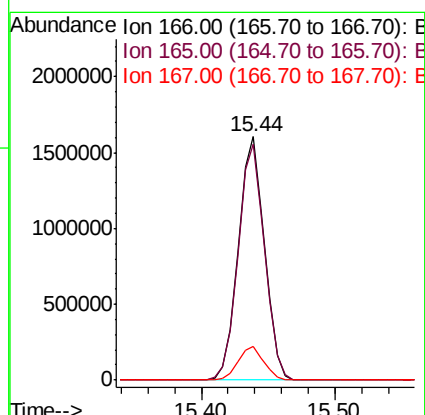
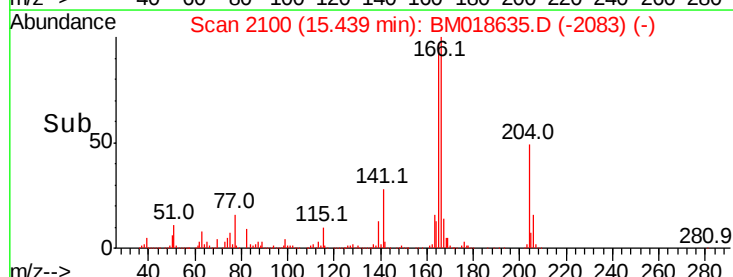
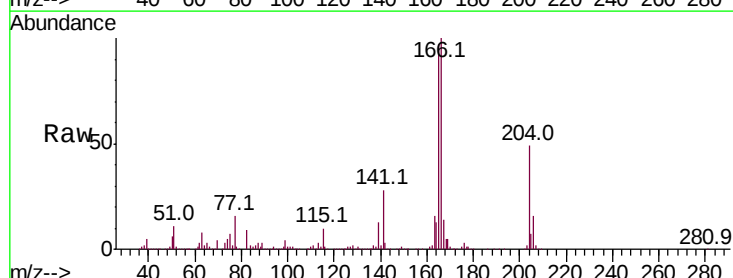
Manual Integrations
APPROVED

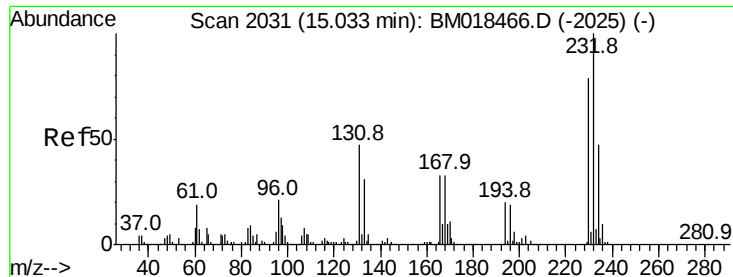
Sohil
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#58
Fluorene
Concen: 40.486 ng
RT: 15.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2175245		
165	97.0	78.3	117.5	
167	13.7	10.9	16.3	





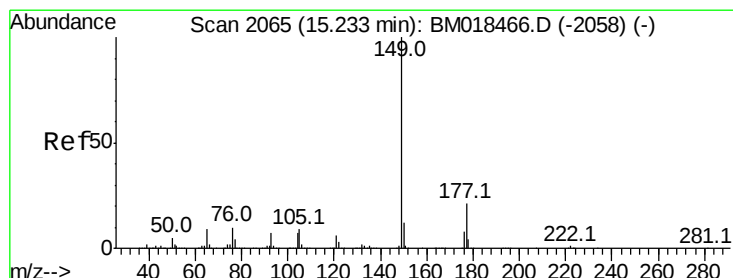
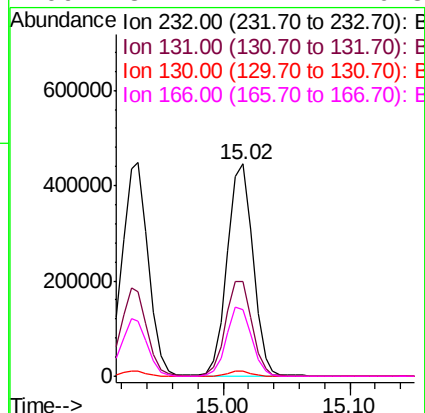
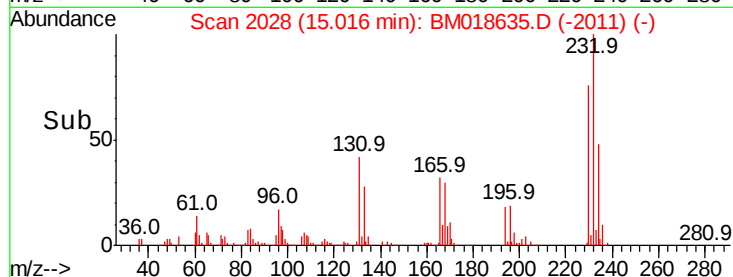
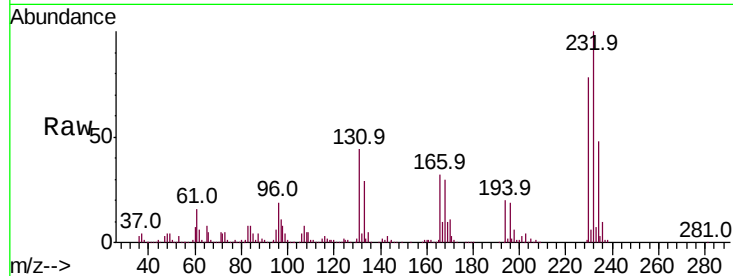
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.672 ng
 RT: 15.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	38.6	57.8
130	2.4	2.2	3.4
166	32.1	27.2	40.8

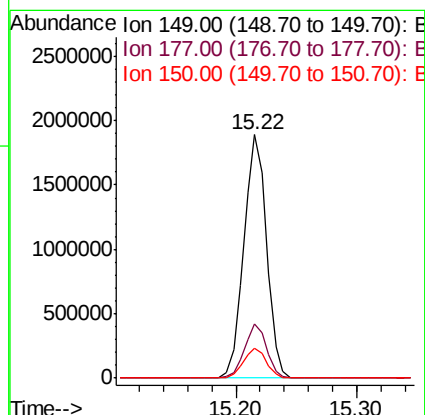
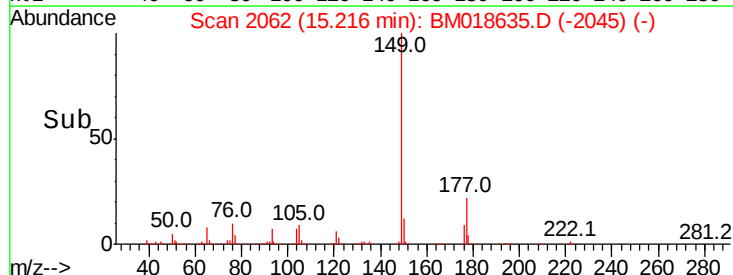
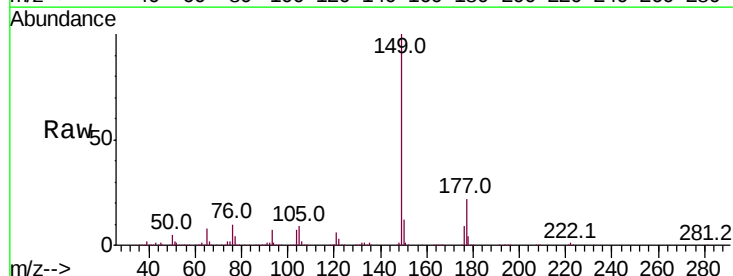
Manual Integrations
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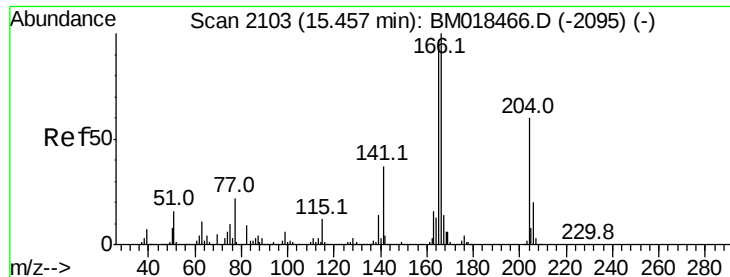
Sohil
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#60
 Diethylphthalate
 Concen: 41.414 ng
 RT: 15.22 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.1	9.8	14.6





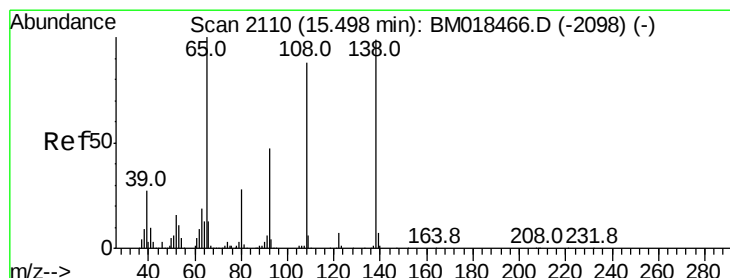
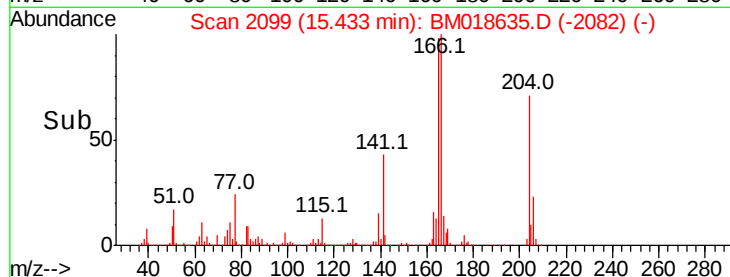
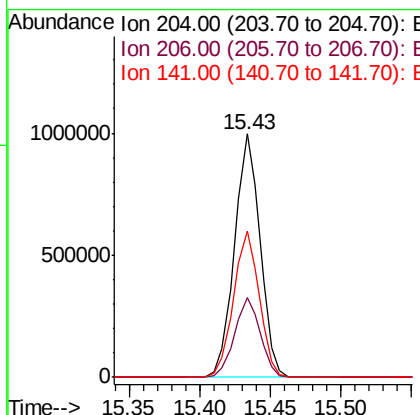
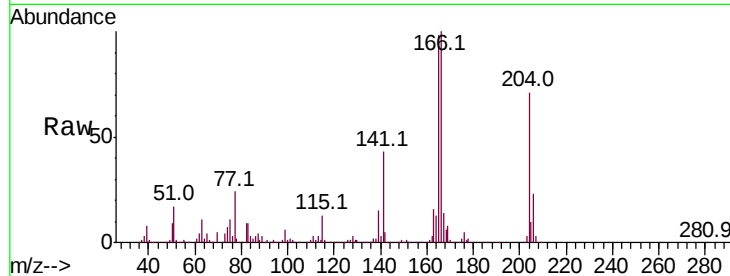
#61
4-Chlorophenyl-phenylether
Concen: 40.574 ng
RT: 15.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion:204 Resp: 1256419
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 60.0 49.5 74.3

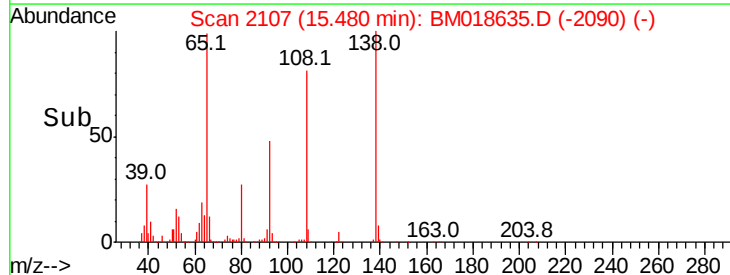
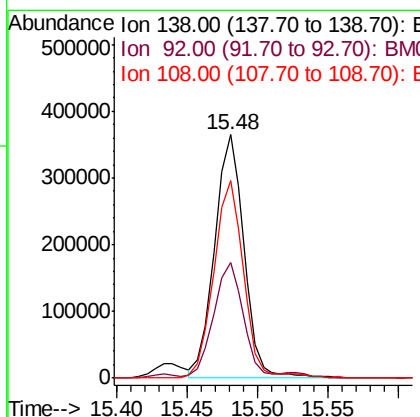
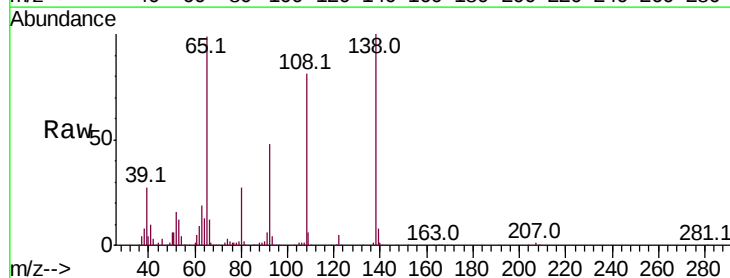
Manual Integrations
APPROVED

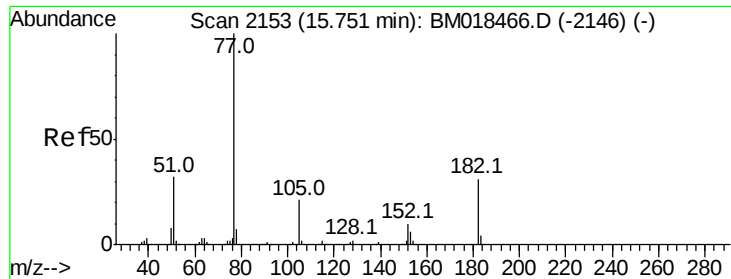
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#62
4-Nitroaniline
Concen: 37.976 ng
RT: 15.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion:138 Resp: 525265
Ion Ratio Lower Upper
138 100
92 47.6 29.0 69.0
108 80.9 63.9 103.9





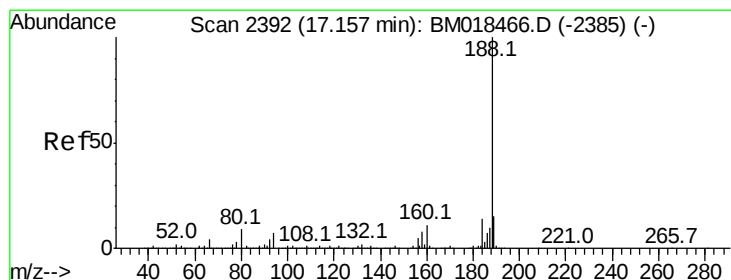
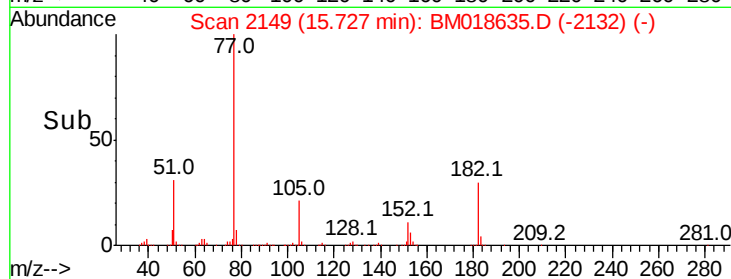
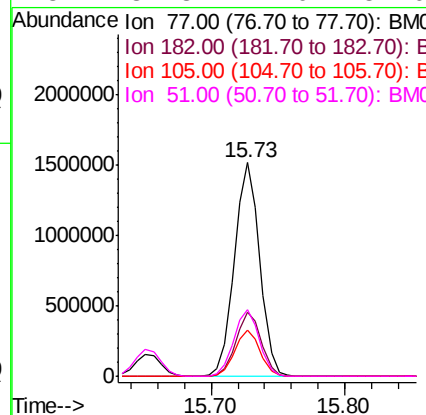
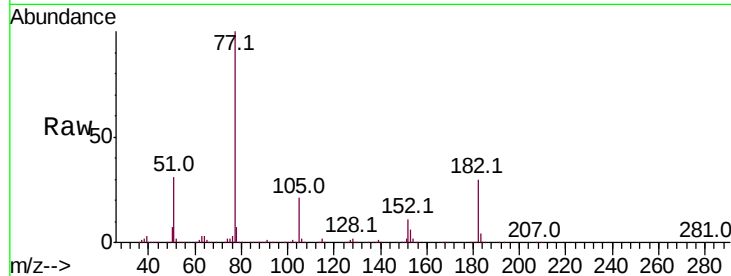
#63
Azobenzene
Concen: 41.032 ng
RT: 15.73 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 2005370
Ion Ratio Lower Upper
77 100
182 30.1 7.4 47.4
105 21.4 0.0 39.6
51 31.3 12.0 52.0

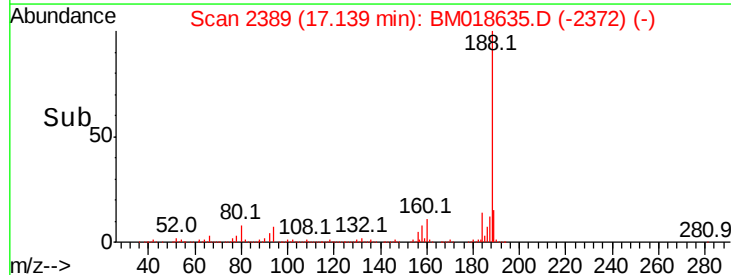
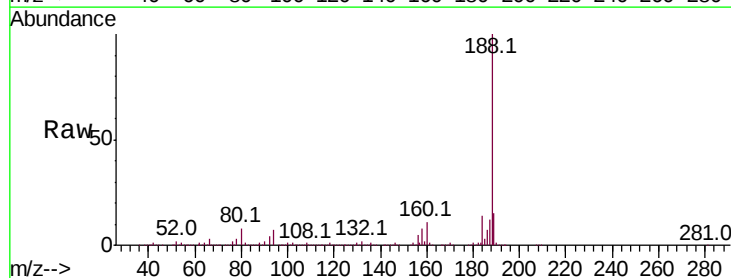
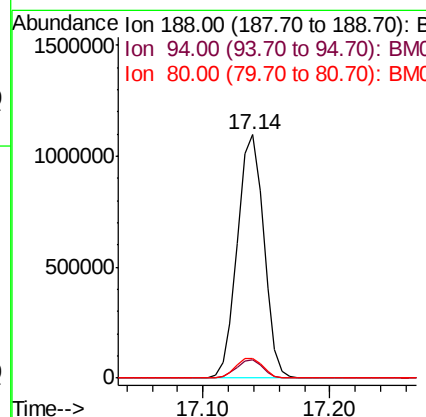
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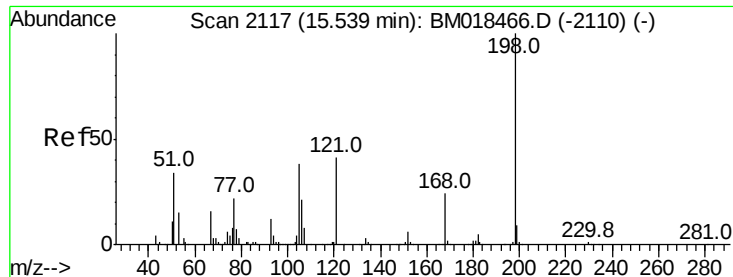
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion: 188 Resp: 1578753
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.0 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 44.722 ng

RT: 15.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

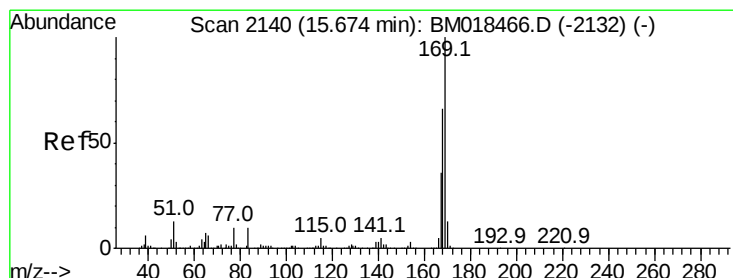
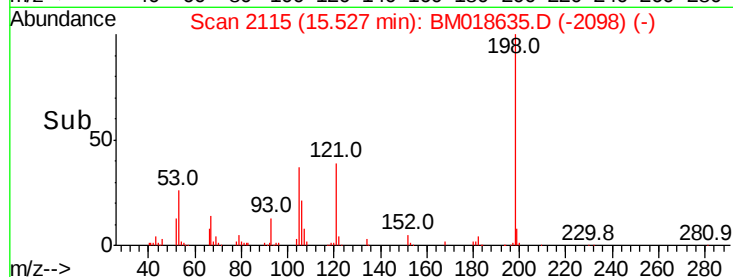
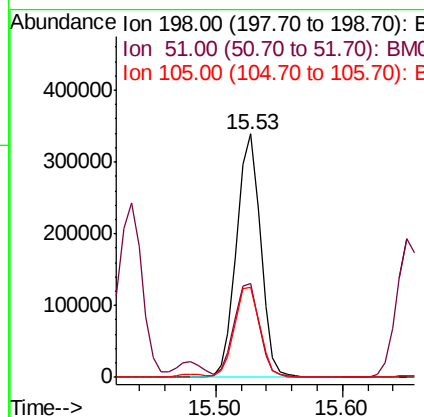
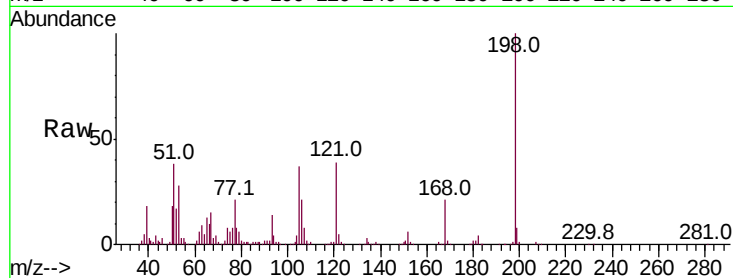
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	445856
Ion Ratio	Lower	Upper	
198	100		
51	38.4	29.6	69.6
105	36.9	25.5	65.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 41.995 ng

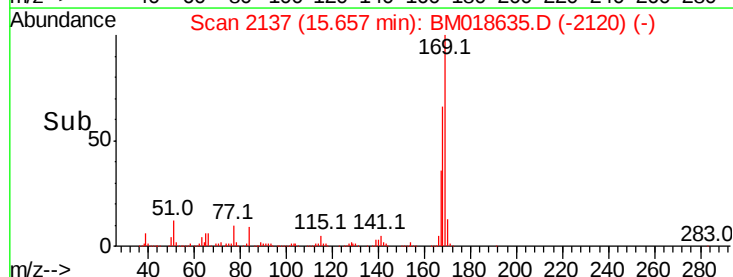
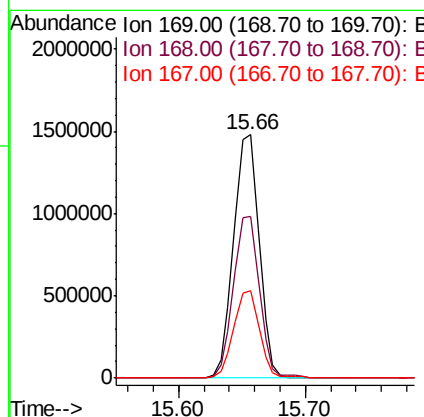
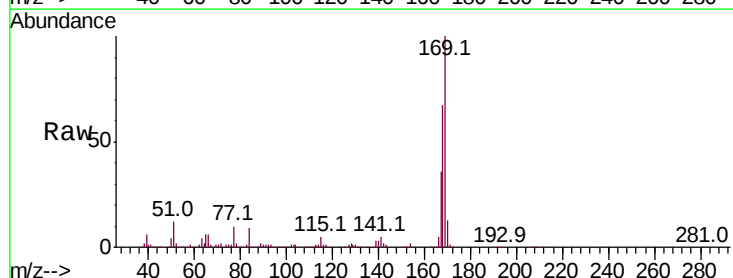
RT: 15.66 min Scan# 2137

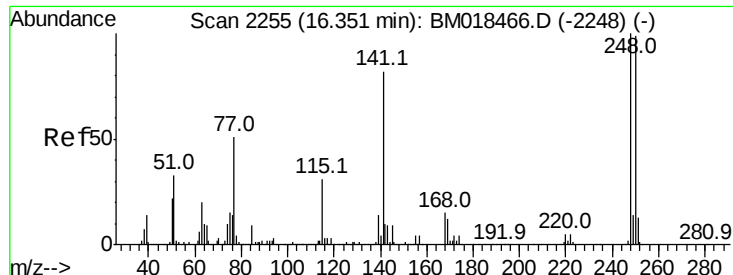
Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion:	169	Resp:	2056572
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.1	81.1
167	36.1	28.6	42.8





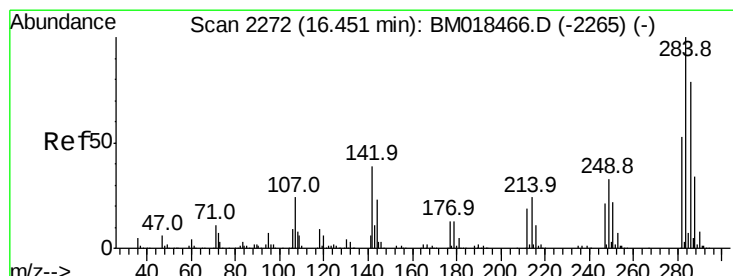
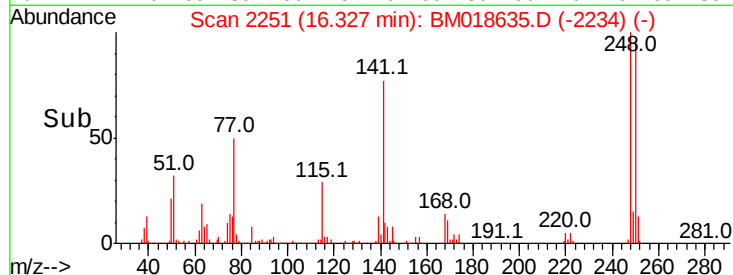
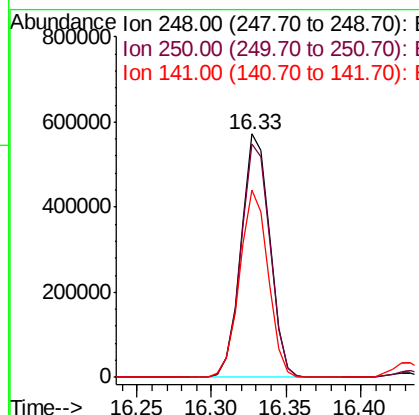
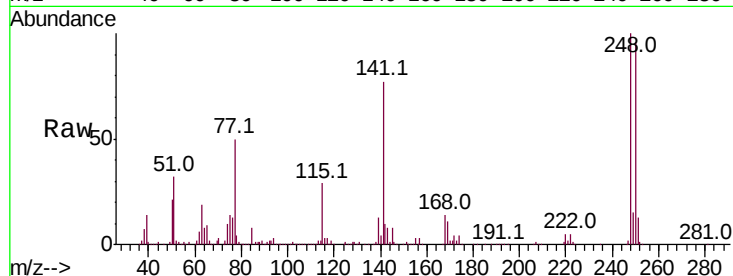
#67
 4-Bromophenyl-phenylether
 Concen: 43.146 ng
 RT: 16.33 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	762271
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.0	114.0
141	76.8	61.5	92.3

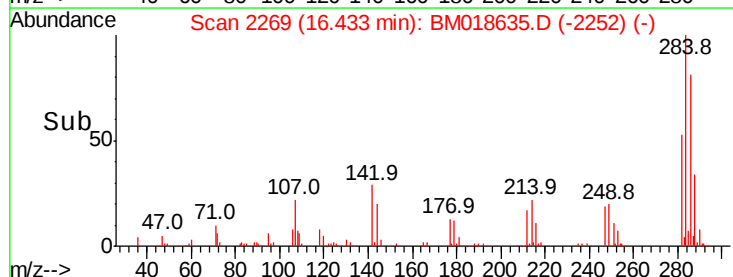
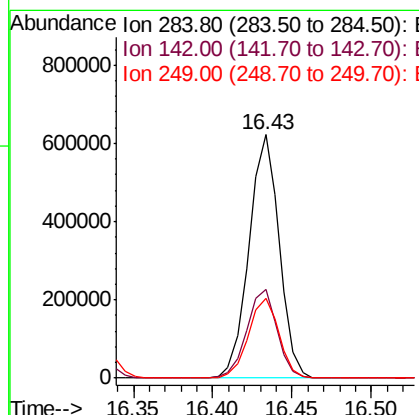
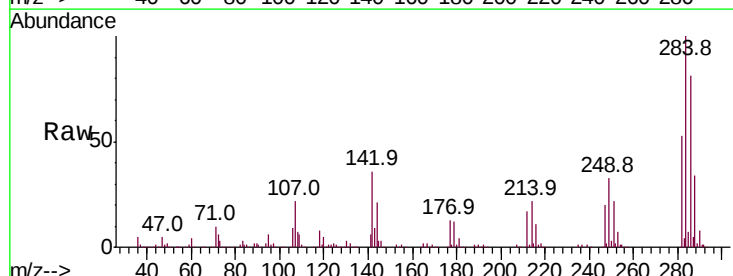
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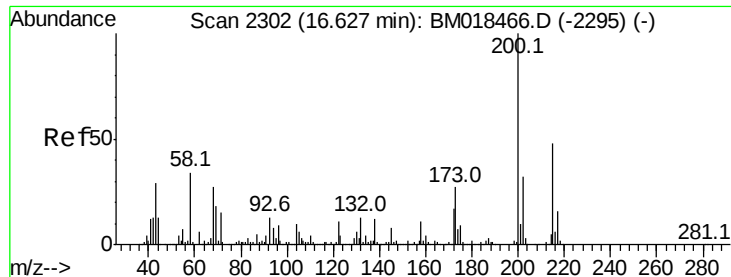
Sohil
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#68
 Hexachlorobenzene
 Concen: 41.641 ng
 RT: 16.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Tgt Ion:	284	Resp:	823587
Ion Ratio	Lower	Upper	
284	100		
142	36.3	29.2	43.8
249	32.7	26.1	39.1





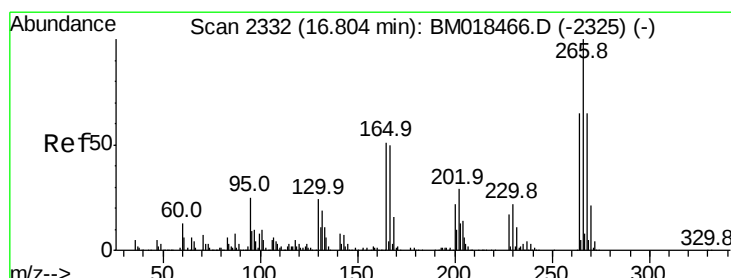
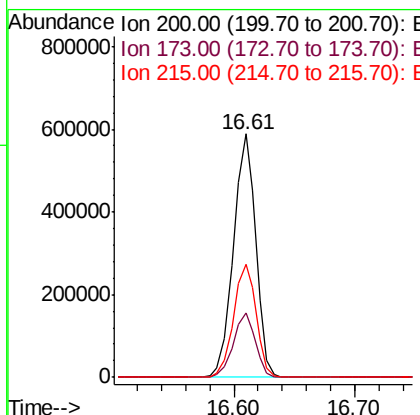
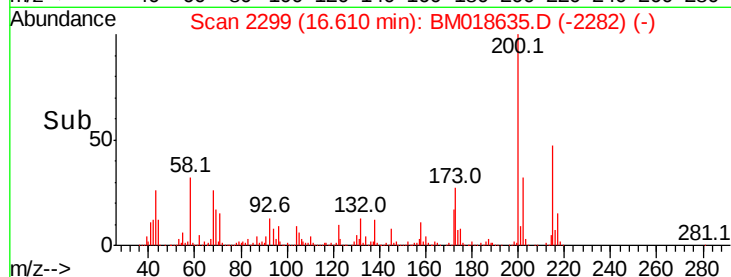
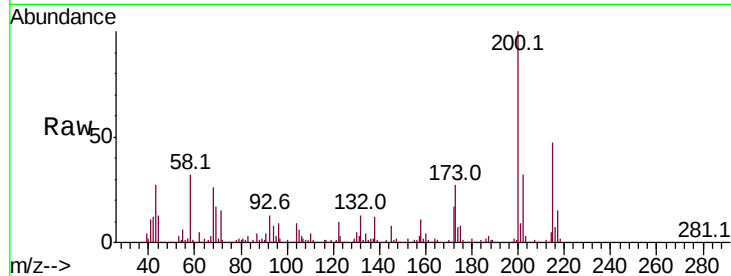
#69
Atrazine
Concen: 42.752 ng
RT: 16.61 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	7.2	47.2
215	46.7	28.3	68.3

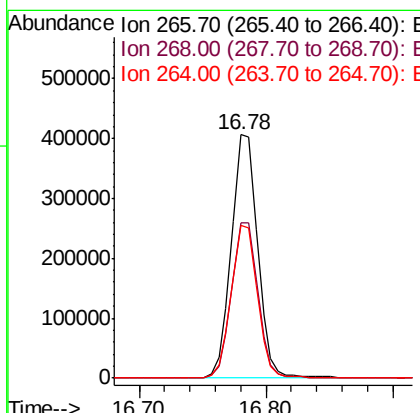
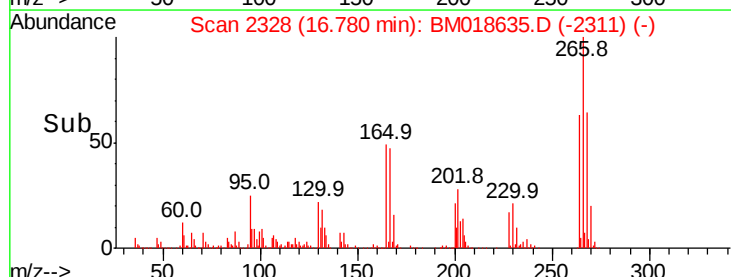
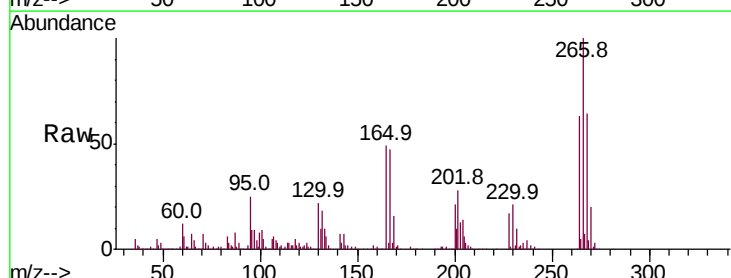
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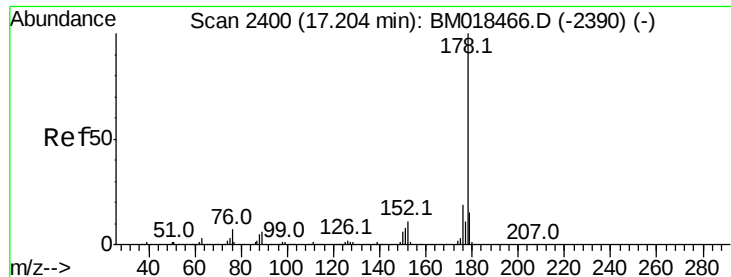
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#70
Pentachlorophenol
Concen: 44.971 ng
RT: 16.78 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	49.8	74.6
264	62.9	50.1	75.1





#71

Phenanthrene

Concen: 40.033 ng

RT: 17.18 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3361672

Ion Ratio Lower Upper

178 100

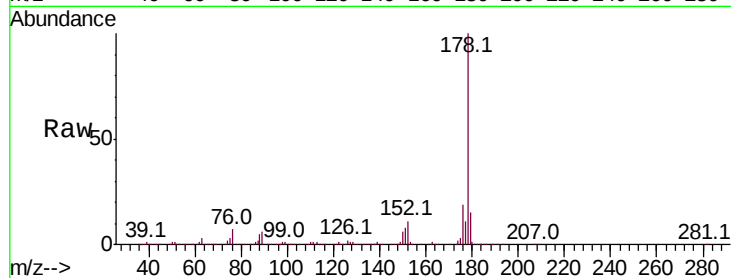
176 19.1 15.4 23.0

179 15.5 12.2 18.4

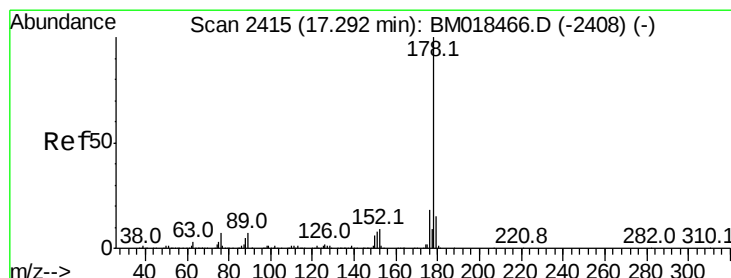
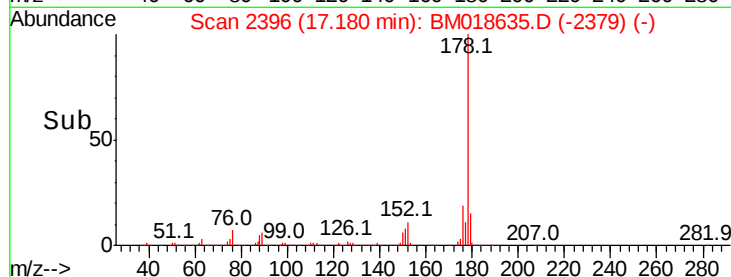
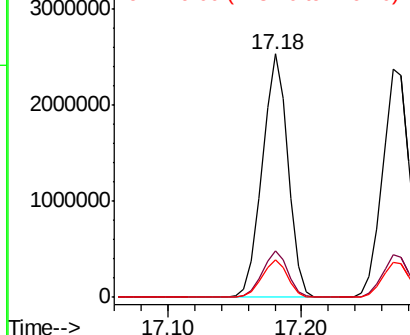
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.285 ng

RT: 17.27 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Tgt Ion:178 Resp: 3333782

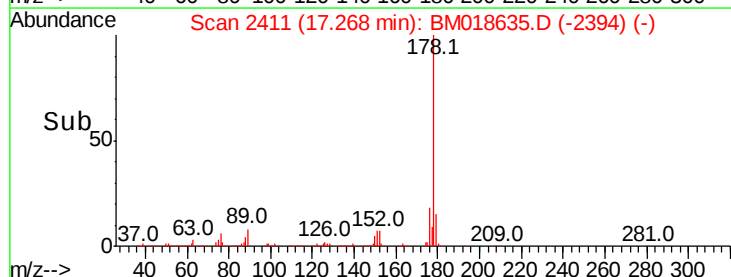
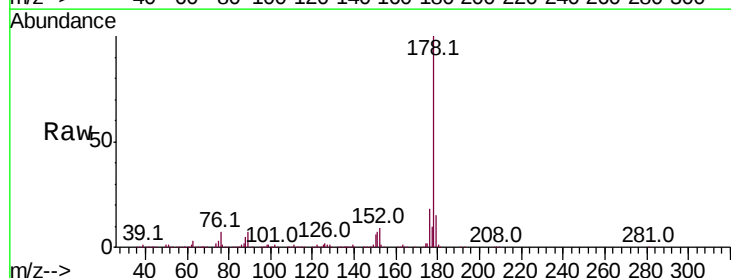
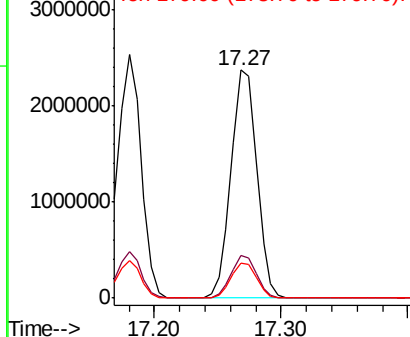
Ion Ratio Lower Upper

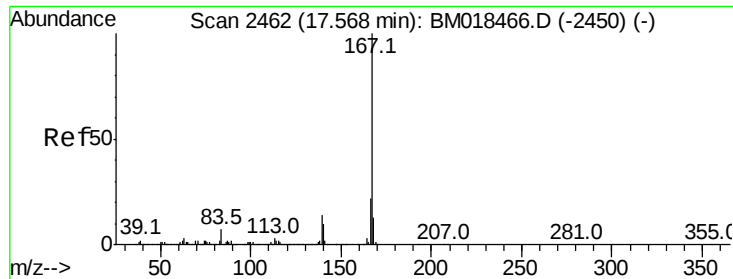
178 100

176 18.5 14.7 22.1

179 15.5 12.2 18.4

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





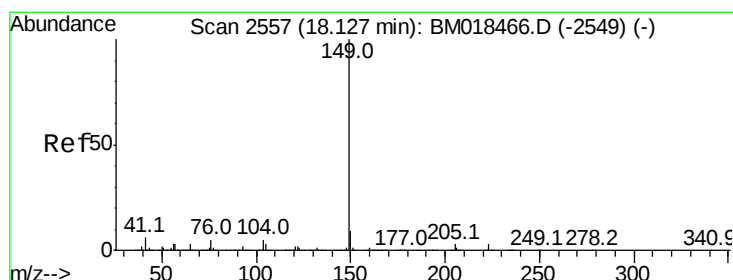
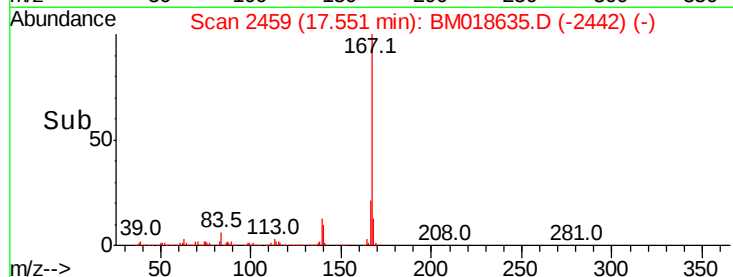
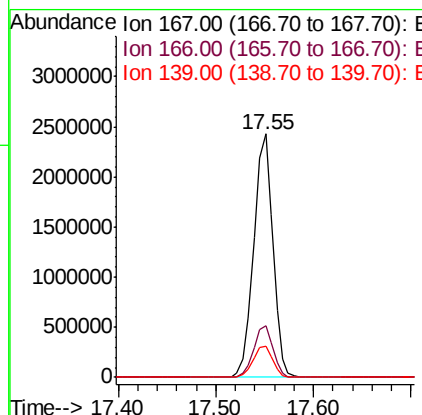
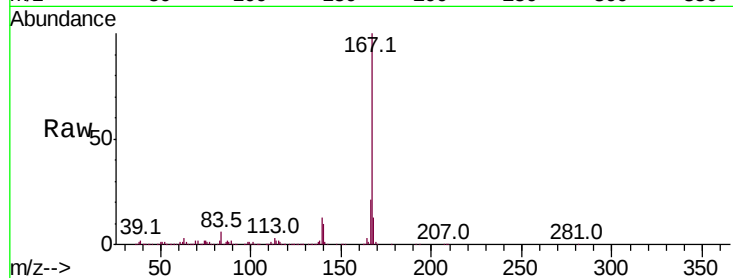
#73
 Carbazole
 Concen: 40.100 ng
 RT: 17.55 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	13.0	10.6	16.0

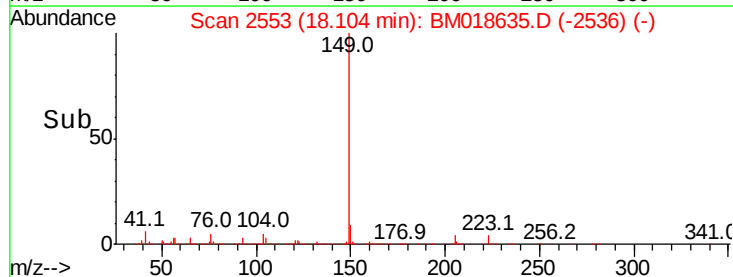
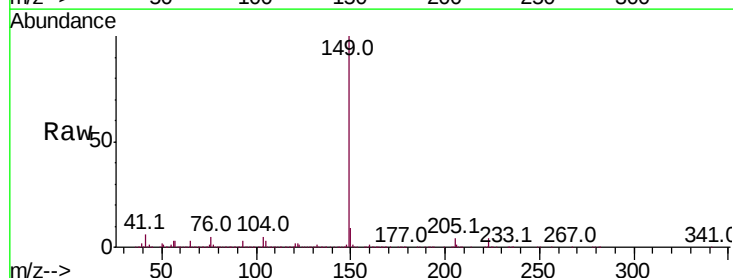
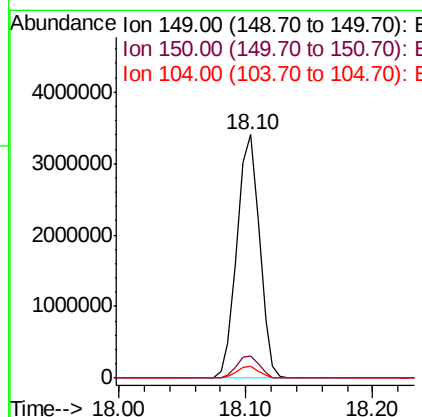
Manual Integrations
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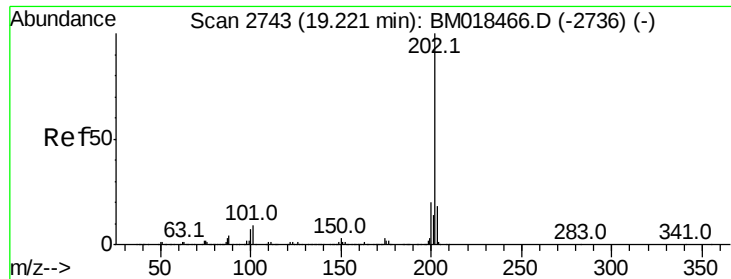
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#74
 Di-n-butylphthalate
 Concen: 45.811 ng
 RT: 18.10 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.0	4.2	6.4





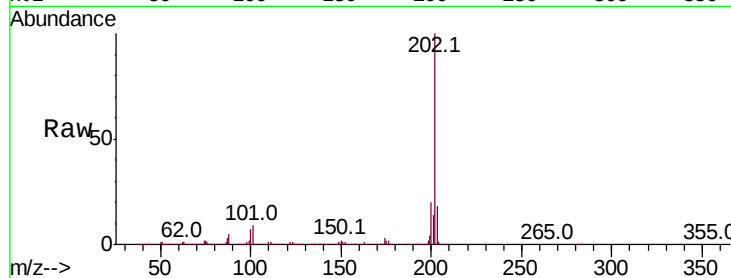
#75
 Fluoranthene
 Concen: 38.557 ng
 RT: 19.20 min Scan# 2739
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

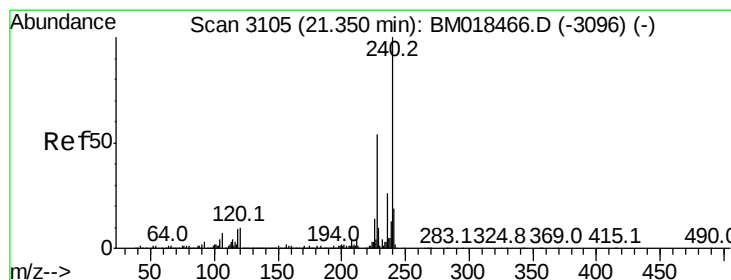
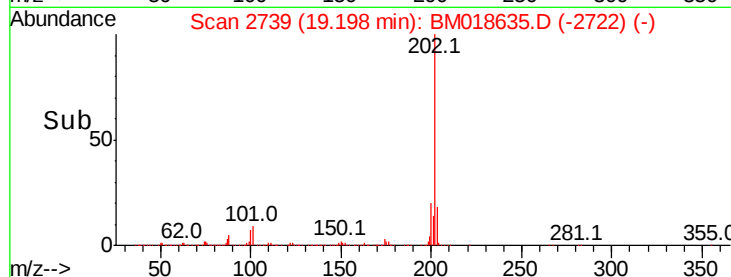
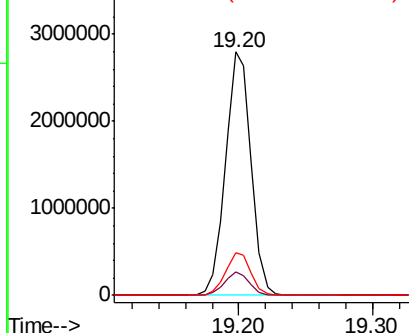
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.9
203	17.6	0.0	37.4

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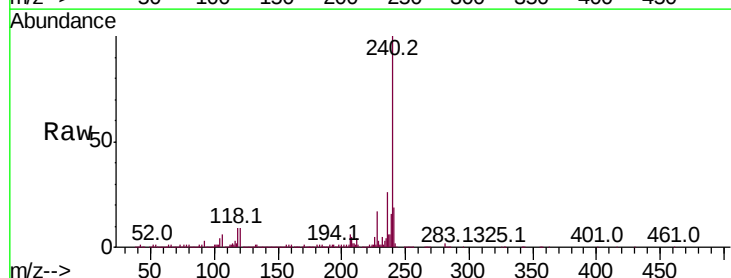


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

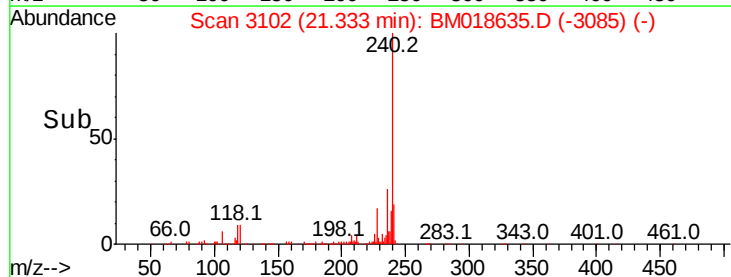
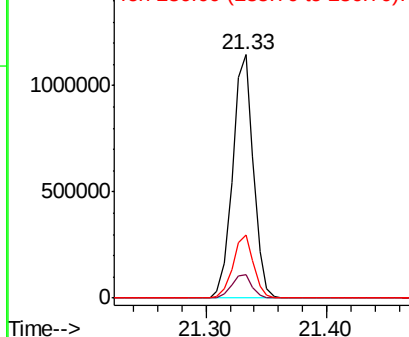


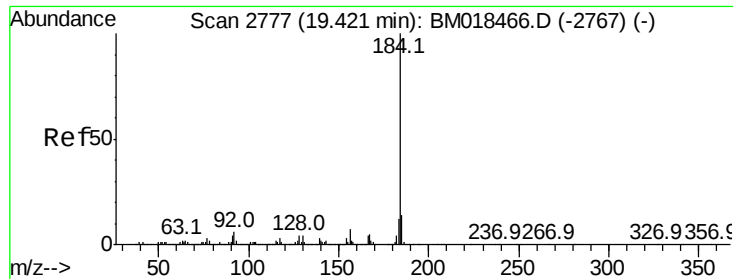
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM018635.D
 Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	25.9	20.7	31.1



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





#77

Benzidine

Concen: 39.239 ng

RT: 19.40 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1326486

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

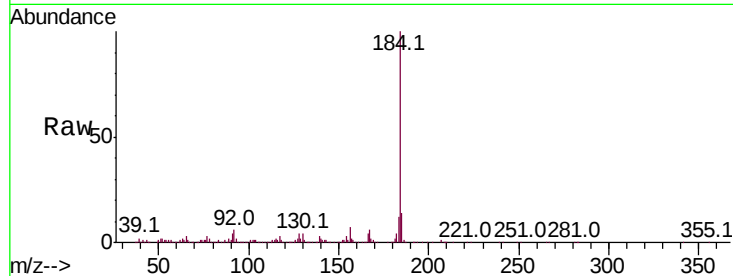
183 11.8 9.5 14.3

Manual Integrations

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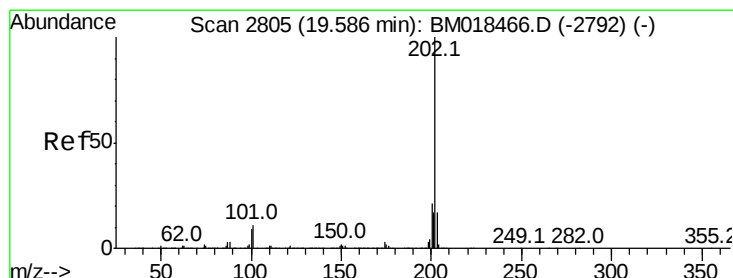
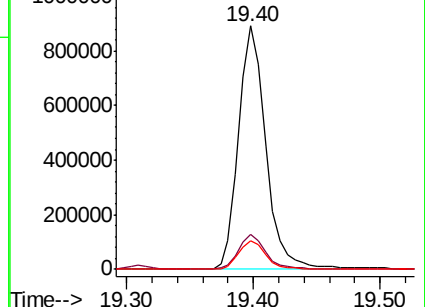
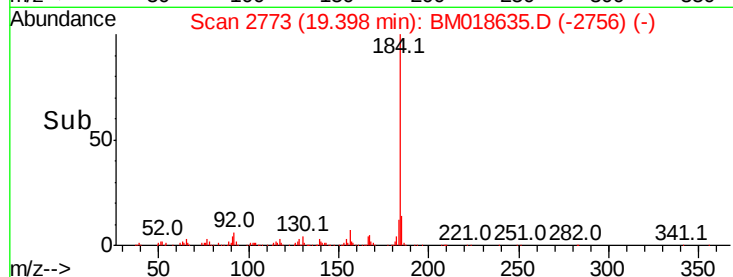
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.052 ng

RT: 19.57 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

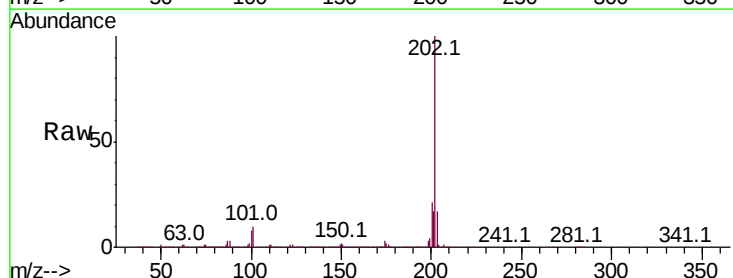
Tgt Ion:202 Resp: 3818523

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

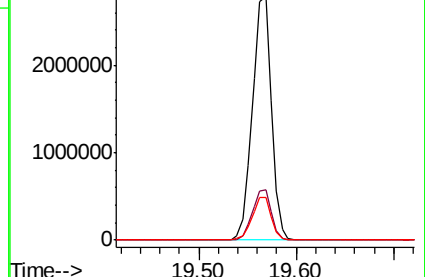
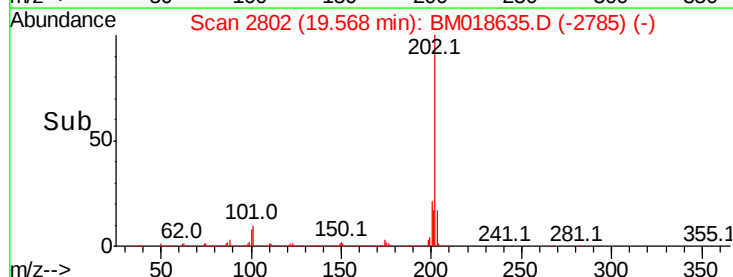
203 17.5 13.8 20.8

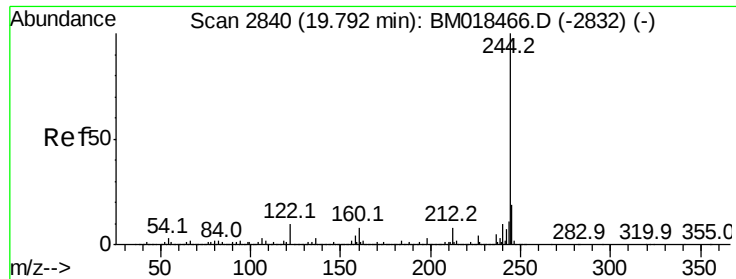


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





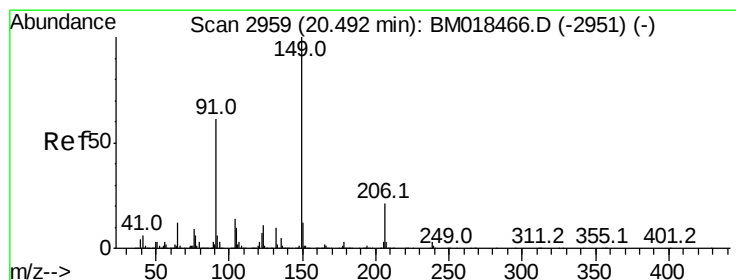
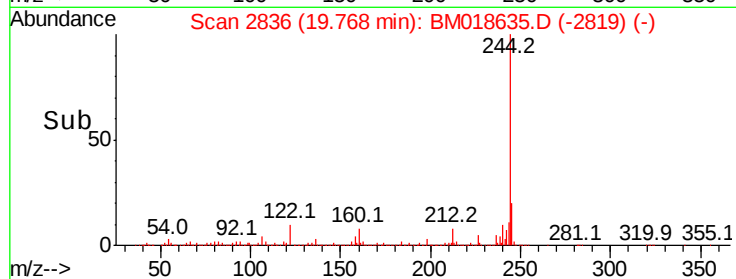
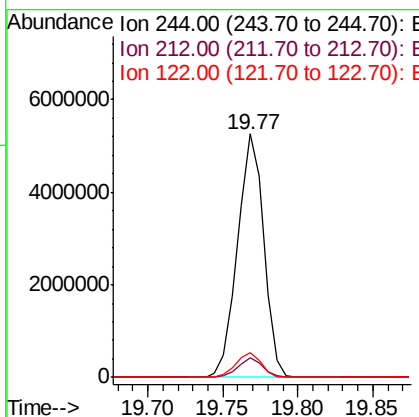
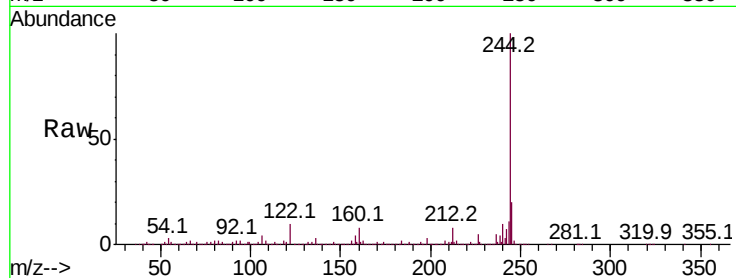
#79
Terphenyl-d14
Concen: 97.185 ng m
RT: 19.77 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:244 Resp: 6311976
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.0 9.0 13.4

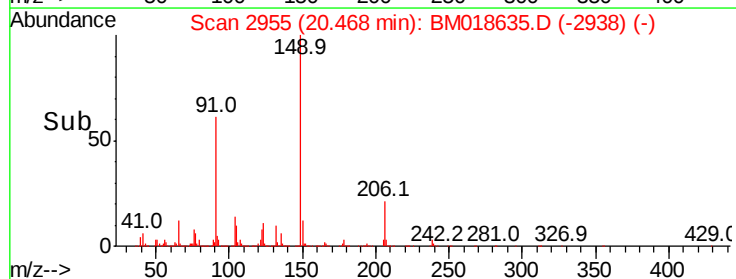
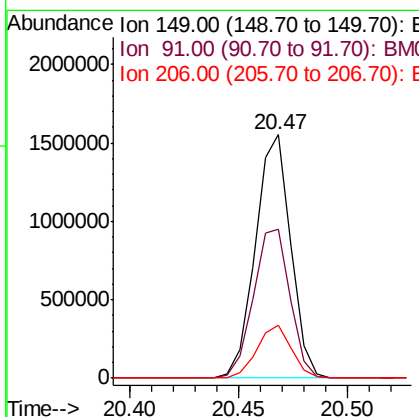
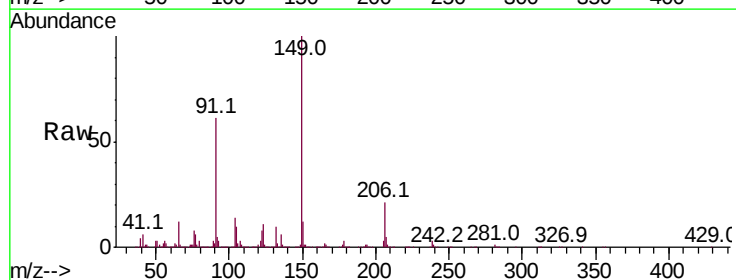
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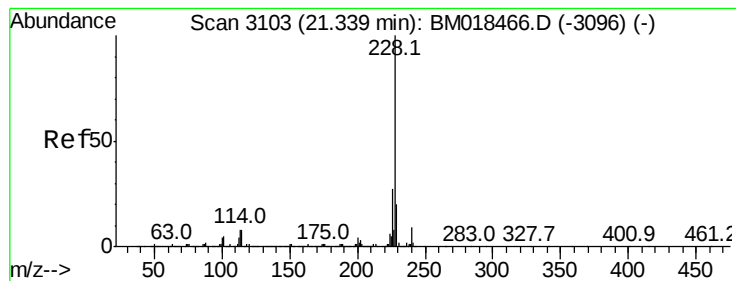
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#80
Butylbenzylphthalate
Concen: 50.428 ng m
RT: 20.47 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion:149 Resp: 1746281
Ion Ratio Lower Upper
149 100
91 61.4 53.1 79.7
206 21.5 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.022 ng

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 3308691

Ion Ratio Lower Upper

228 100

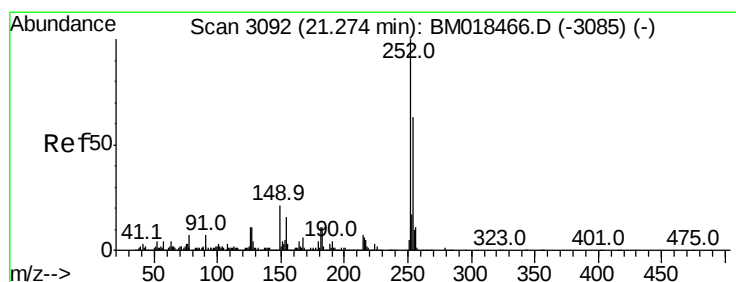
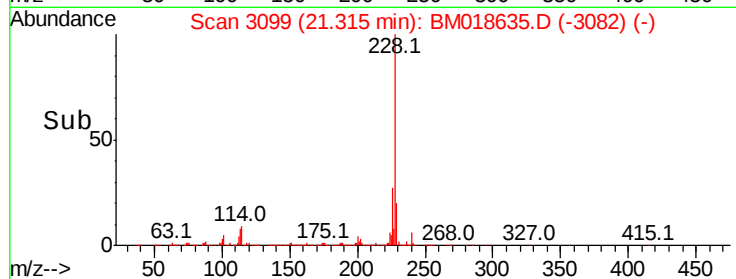
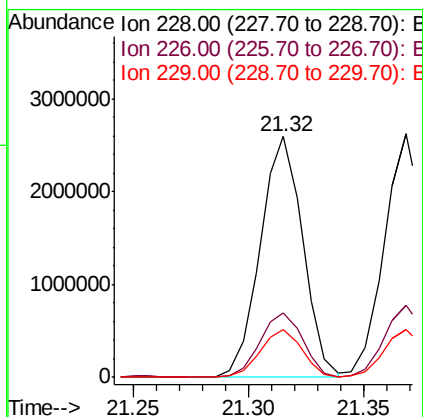
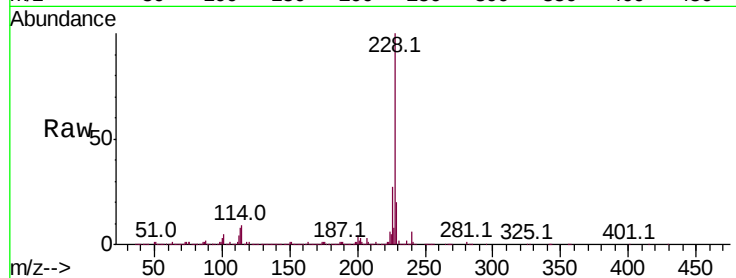
226 26.7 21.8 32.6

229 19.8 15.8 23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.025 ng

RT: 21.26 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

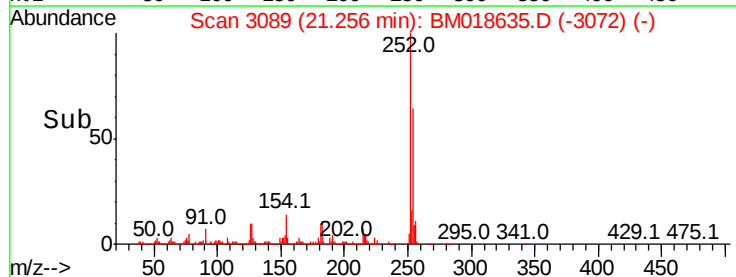
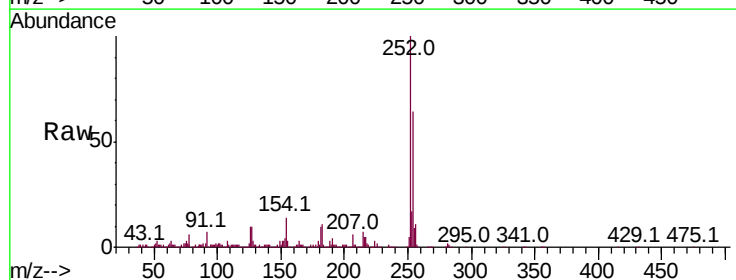
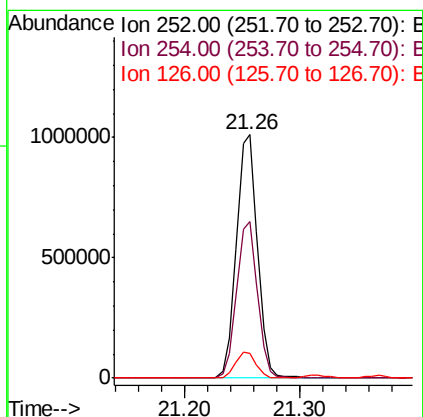
Tgt Ion:252 Resp: 1281758

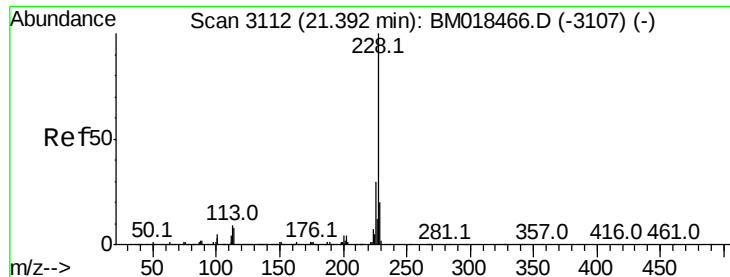
Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.0

126 10.0 8.7 13.1





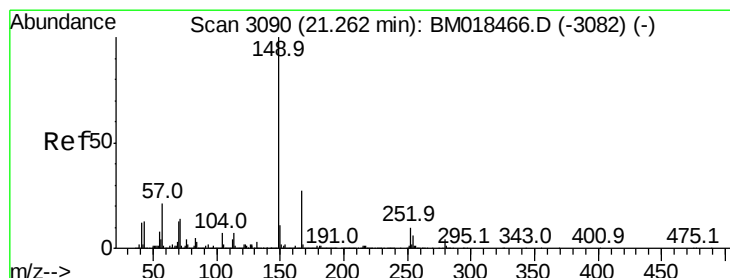
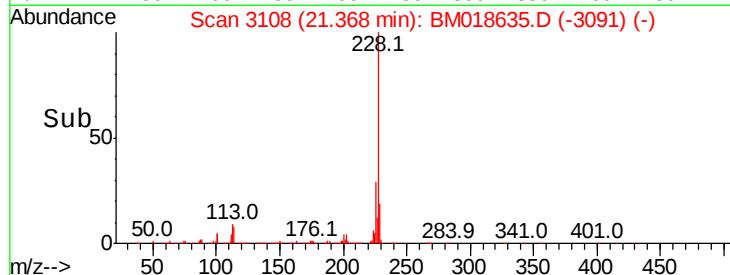
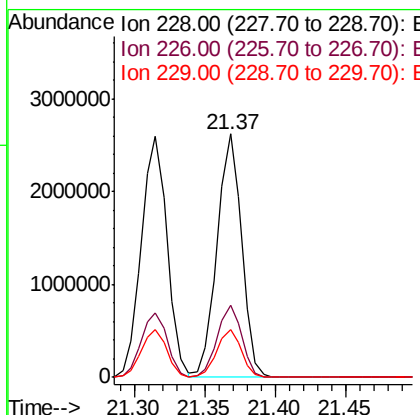
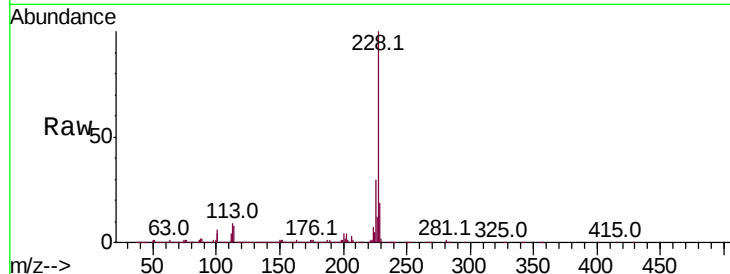
#83
Chrysene
Concen: 40.765 ng
RT: 21.37 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 3175053
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 19.4 15.6 23.4

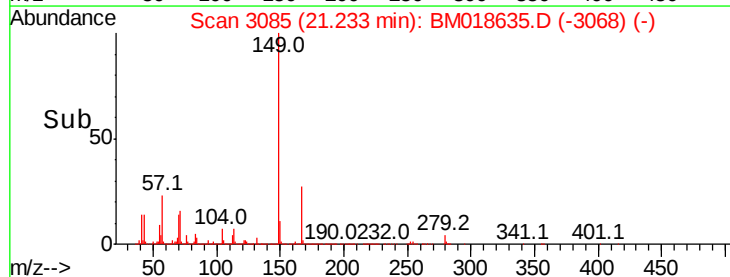
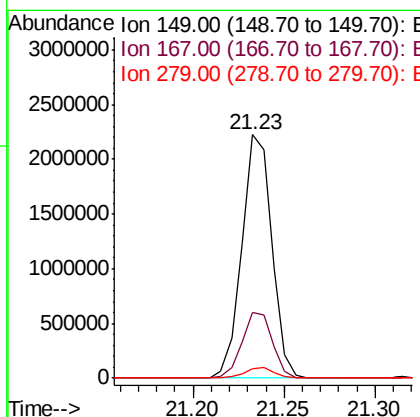
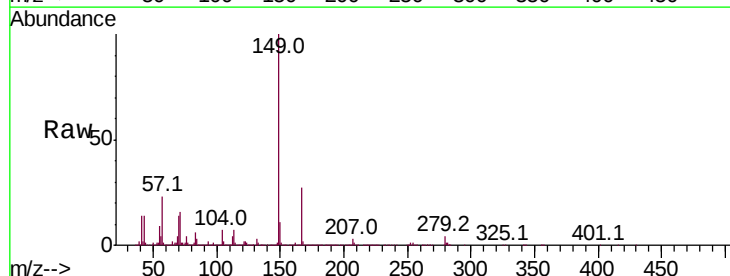
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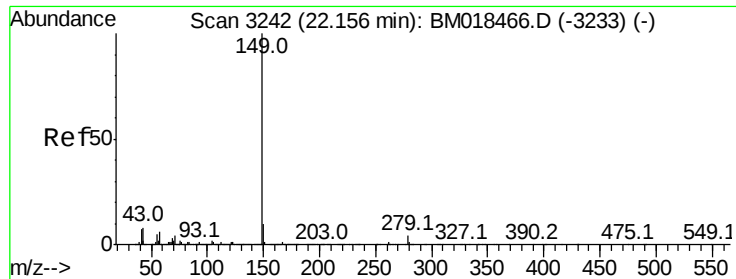
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.888 ng m
RT: 21.23 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion:149 Resp: 2544653
Ion Ratio Lower Upper
149 100
167 26.9 21.6 32.4
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.920 ng

RT: 22.13 min Scan# 3237

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 3946162

Ion Ratio Lower Upper

149 100

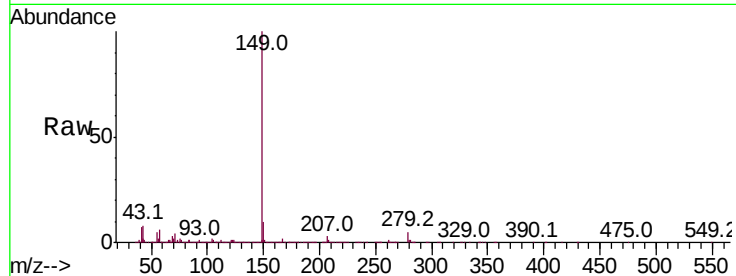
167 1.6 1.3 1.9

43 8.4 8.6 12.8#

Manual Integrations
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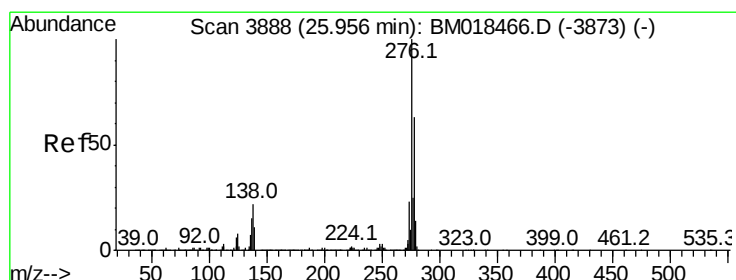
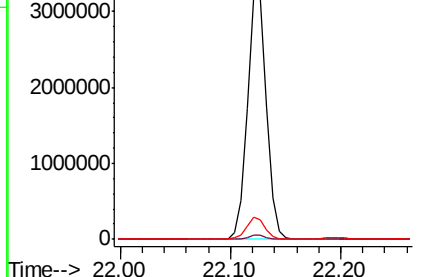
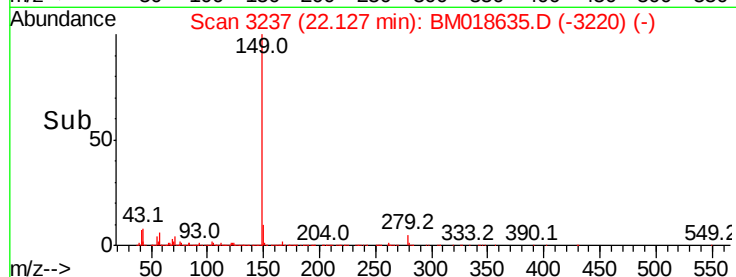
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.315 ng

RT: 25.91 min Scan# 3880

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

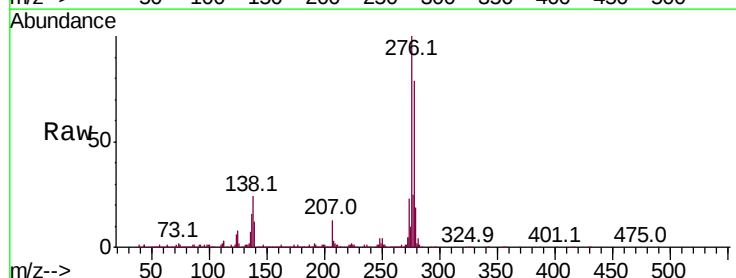
Tgt Ion:276 Resp: 2902295

Ion Ratio Lower Upper

276 100

138 23.9 21.5 32.3

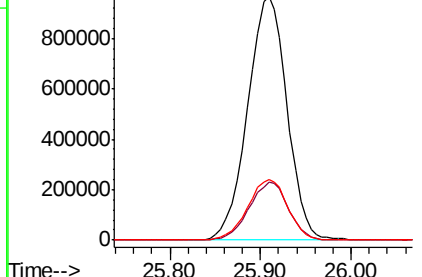
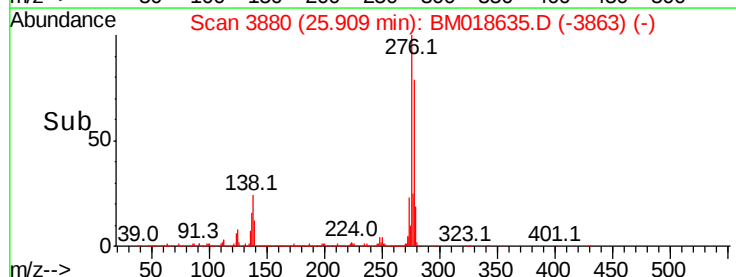
277 25.4 20.2 30.2

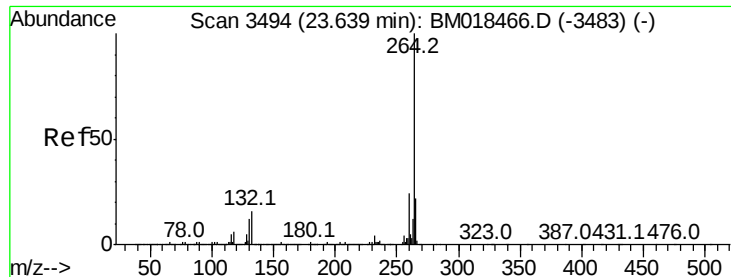


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





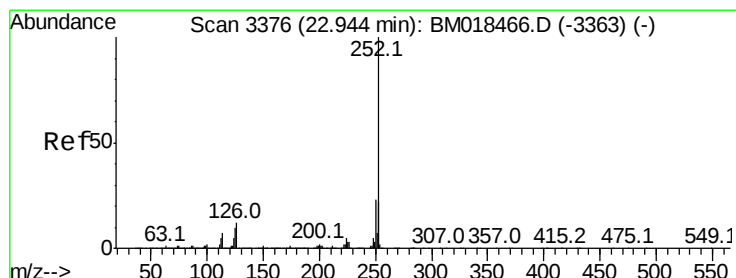
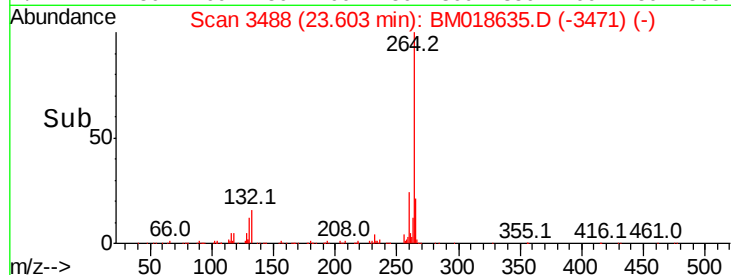
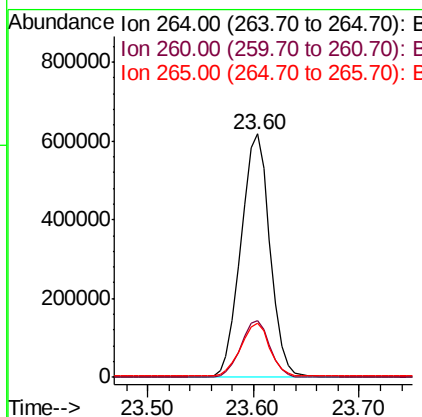
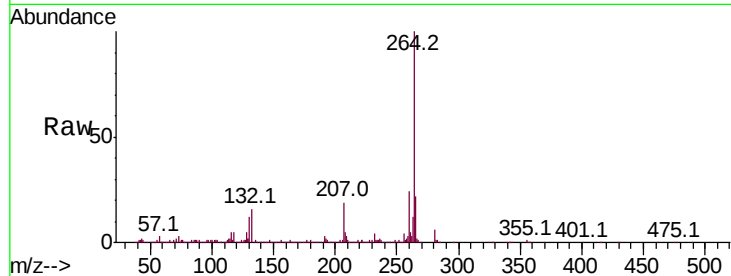
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3488
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	16.8	25.2

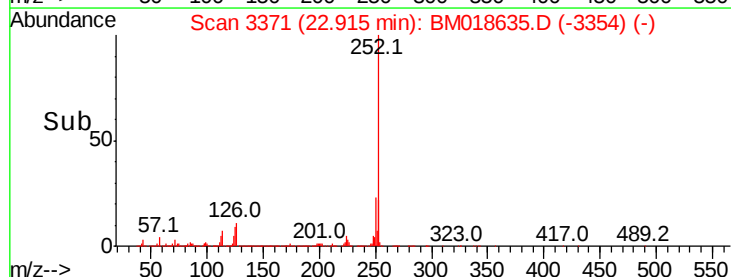
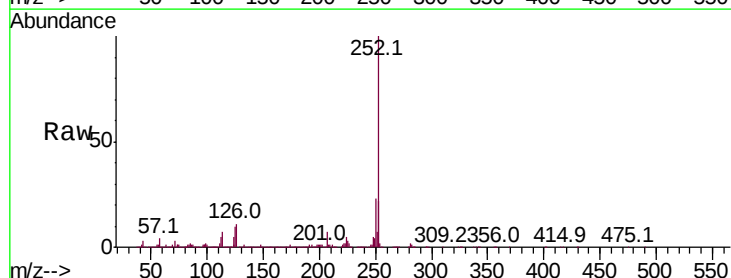
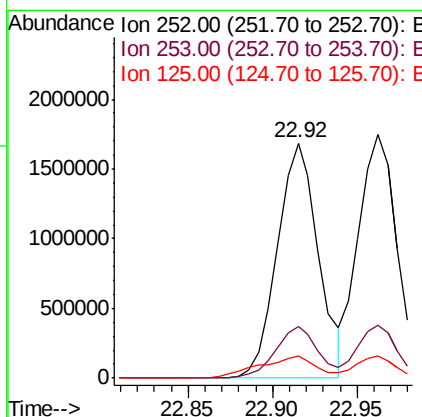
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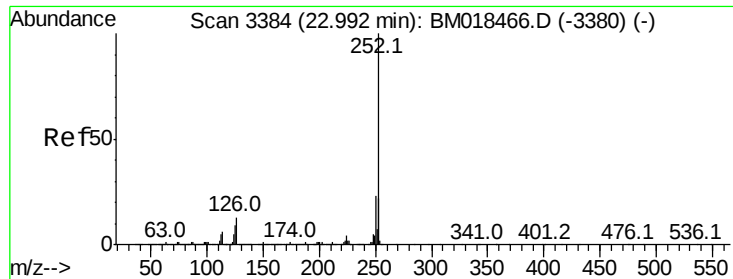
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#88
Benzo(b)fluoranthene
Concen: 42.387 ng
RT: 22.92 min Scan# 3371
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	8.5	12.7





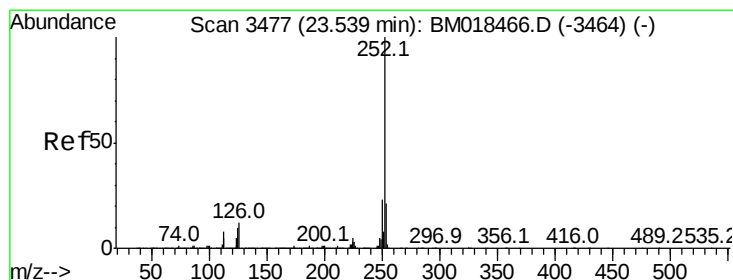
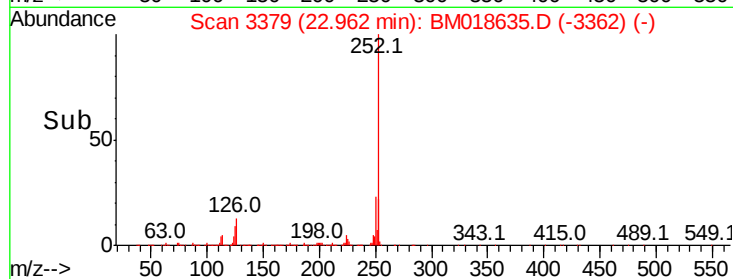
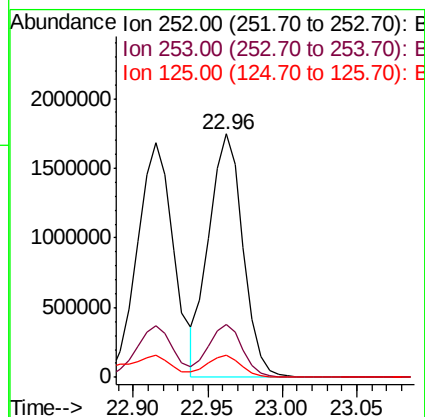
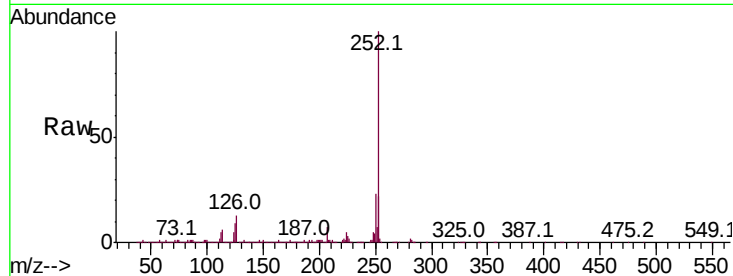
#89
Benzo(k)fluoranthene
Concen: 40.971 ng
RT: 22.96 min Scan# 3379
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	9.2	8.6	12.8

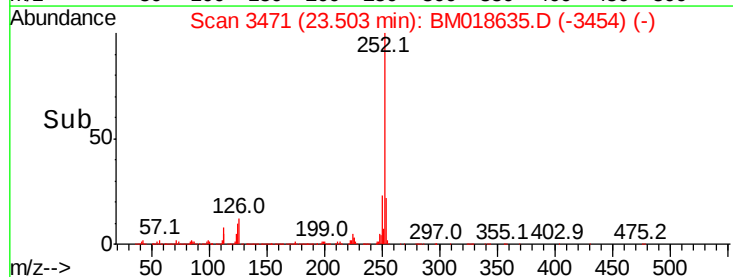
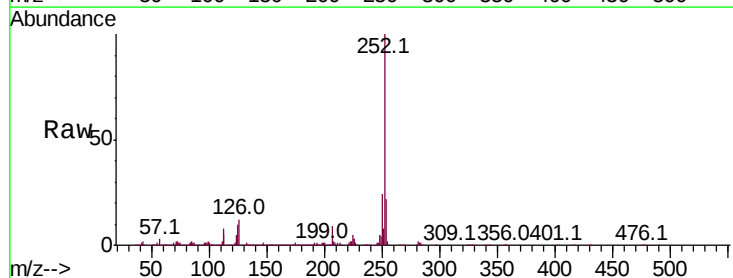
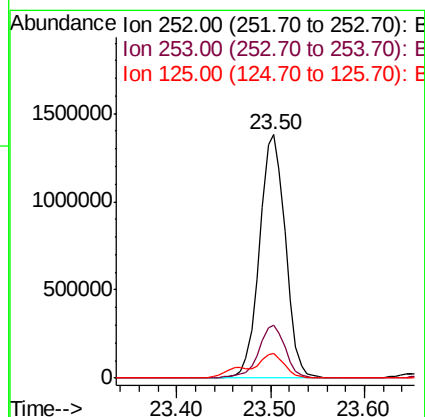
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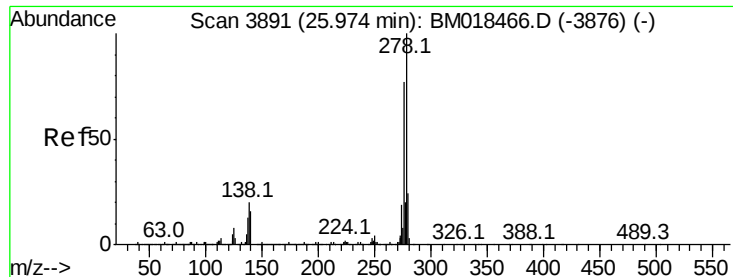
Sohil
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#90
Benzo(a)pyrene
Concen: 40.827 ng
RT: 23.50 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BM018635.D
Acq: 18 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.9	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 38.041 ng

RT: 25.92 min Scan# 3882

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 2478079

Ion Ratio Lower Upper

278 100

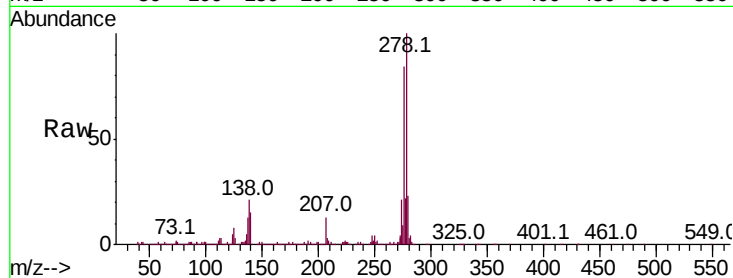
139 15.2 13.2 19.8

279 23.4 19.0 28.4

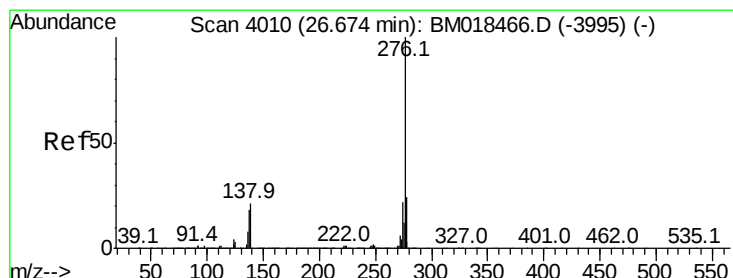
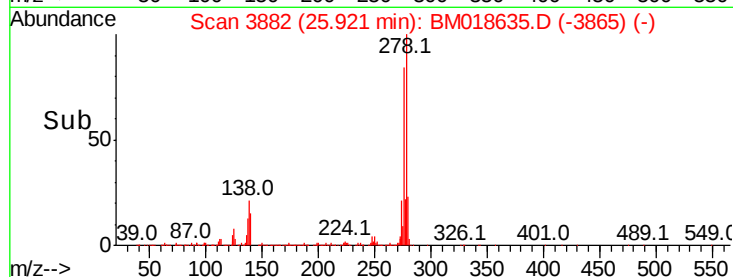
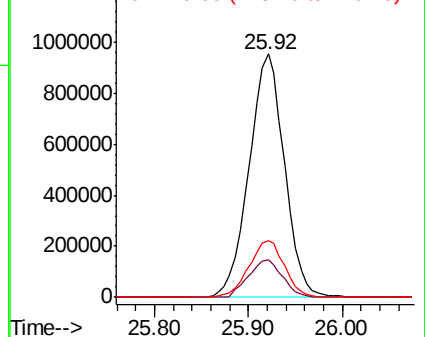
Manual Integrations
APPROVED

Sohil

1/21/2019 1:58:25 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.342 ng

RT: 26.61 min Scan# 4000

Delta R.T. 0.00 min

Lab File: BM018635.D

Acq: 18 Jan 2019 13:52

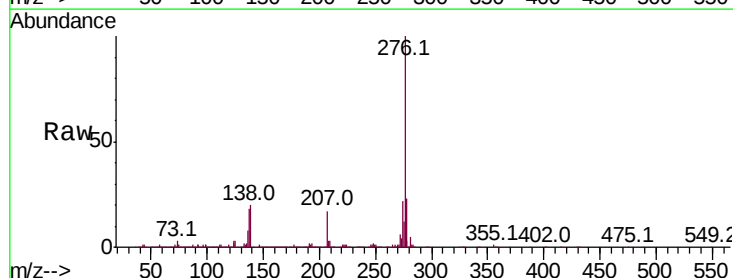
Tgt Ion:276 Resp: 2367189

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 20.4 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

