

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018564.D
 Acq On : 15 Jan 2019 16:57
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:07:30 PM

Quant Time: Jan 16 00:11:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	272828	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1241531	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	787240	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1940727	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2306133	20.00	ng	0.00
87) Perylene-d12	23.63	264	2346263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1124856	76.13	ng	-0.01
7) Phenol-d6	6.93	99	1646137	87.72	ng	0.00
23) Nitrobenzene-d5	8.92	82	1678341	78.37	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	954525	95.23	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4600065	76.25	ng	0.00
79) Terphenyl-d14	19.79	244	8463121	77.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	215415	35.771	ng	95
3) Pyridine	3.68	79	594503	39.597	ng	96
4) n-Nitrosodimethylamine	3.60	42	251476	40.505	ng	# 95
6) Aniline	7.09	93	990610	47.321	ng	98
8) 2-Chlorophenol	7.32	128	727745	42.172	ng	94
9) Benzaldehyde	6.91	77	434549	40.325	ng	98
10) Phenol	6.96	94	824714	43.247	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	640431	42.740	ng	94
12) 1,3-Dichlorobenzene	7.64	146	799631	38.910	ng	100
13) 1,4-Dichlorobenzene	7.79	146	820390	39.386	ng	99
14) 1,2-Dichlorobenzene	8.10	146	799410	40.475	ng	99
15) Benzyl Alcohol	8.00	79	662301	48.862	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	807781	42.184	ng	94
17) 2-Methylphenol	8.20	107	599051	46.278	ng	99
18) Hexachloroethane	8.82	117	294100	39.600	ng	94
19) n-Nitroso-di-n-propylamine	8.56	70	587049	48.068	ng	92
20) 3+4-Methylphenols	8.53	107	853689	47.773	ng	98
22) Acetophenone	8.58	105	1205786	39.261	ng	98
24) Nitrobenzene	8.96	77	816393	38.742	ng	98
25) Isophorone	9.48	82	1435013	44.249	ng	97
26) 2-Nitrophenol	9.67	139	471197	46.245	ng	95
27) 2,4-Dimethylphenol	9.72	122	641590	42.010	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	916786	40.922	ng	98
29) 2,4-Dichlorophenol	10.20	162	787050	43.278	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	861632	38.172	ng	99
31) Naphthalene	10.60	128	2349349	39.292	ng	99
32) Benzoic acid	9.89	122	551842m	52.899	ng	
33) 4-Chloroaniline	10.72	127	1120546	47.586	ng	99
34) Hexachlorobutadiene	10.86	225	545163	38.229	ng	98
35) Caprolactam	11.53	113	325757	52.686	ng	87
36) 4-Chloro-3-methylphenol	11.84	107	887314	46.507	ng	99
37) 2-Methylnaphthalene	12.21	142	1762283	41.715	ng	100
38) 1-Methylnaphthalene	12.43	142	1719430	42.065	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	1045763	37.987	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC040

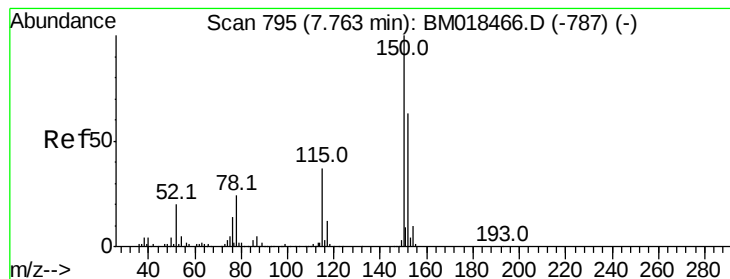
Manual Integrations
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Quant Time: Jan 16 00:11:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	522853	34.606	nq	100
43) 2,4,6-Trichlorophenol	12.83	196	721358	43.150	nq	99
44) 2,4,5-Trichlorophenol	12.90	196	761725	43.324	nq	98
46) 1,1'-Biphenyl	13.23	154	2622974	38.159	nq	99
47) 2-Chloronaphthalene	13.27	162	2034429	38.167	nq	100
48) 2-Nitroaniline	13.49	65	583163	44.469	nq	92
49) Acenaphthylene	14.13	152	3139233	40.413	nq	100
50) Dimethylphthalate	13.87	163	2678141	41.423	nq	100
51) 2,6-Dinitrotoluene	13.99	165	607171	44.335	nq	91
52) Acenaphthene	14.47	154	1883838	39.635	nq	98
53) 3-Nitroaniline	14.33	138	656183	47.526	nq	96
54) 2,4-Dinitrophenol	14.53	184	324089	46.980	nq	93
55) Dibenzofuran	14.80	168	3128693	39.840	nq	99
56) 4-Nitrophenol	14.64	139	548415	45.978	nq	95
57) 2,4-Dinitrotoluene	14.78	165	861326	44.451	nq	99
58) Fluorene	15.45	166	2425153	41.455	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	711859	45.678	nq	96
60) Diethylphthalate	15.23	149	2803560	42.954	nq	99
61) 4-Chlorophenyl-phenylether	15.45	204	1368183	40.579	nq	98
62) 4-Nitroaniline	15.50	138	671426	44.584	nq	98
63) Azobenzene	15.74	77	2243811	42.165	nq	95
65) 4,6-Dinitro-2-methylphenol	15.54	198	485713	40.247	nq	90
66) n-Nitrosodiphenylamine	15.67	169	2355362	39.125	nq	99
67) 4-Bromophenyl-phenylether	16.34	248	870397	40.078	nq	98
68) Hexachlorobenzene	16.44	284	960547	39.508	nq	98
69) Atrazine	16.62	200	912482	41.927	nq	99
70) Pentachlorophenol	16.80	266	730020	45.847	nq	98
71) Phenanthrene	17.20	178	4037964	39.117	nq	100
72) Anthracene	17.29	178	4045229	40.752	nq	100
73) Carbazole	17.56	167	4254497	41.718	nq	99
74) Di-n-butylphthalate	18.12	149	5019845	44.937	nq	99
75) Fluoranthene	19.22	202	5043457	42.377	nq	98
77) Benzidine	19.41	184	2433000	42.728	nq	99
78) Pyrene	19.58	202	5321119	38.927	nq	99
80) Butylbenzylphthalate	20.48	149	2490858	42.703	nq	99
81) Benzo(a)anthracene	21.33	228	5401357	39.757	nq	100
82) 3,3'-Dichlorobenzidine	21.27	252	2151354	41.876	nq	99
83) Chrysene	21.39	228	5180948	39.491	nq	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	3650264	43.338	nq	99
85) Di-n-octyl phthalate	22.14	149	6287778	44.385	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5642247	37.297	nq	97
88) Benzo(b)fluoranthene	22.94	252	5351688	40.177	nq	98
89) Benzo(k)fluoranthene	22.99	252	5282337	39.350	nq	98
90) Benzo(a)pyrene	23.54	252	5032198	39.461	nq	98
91) Dibenzo(a,h)anthracene	25.97	278	4771410	36.927	nq	98
92) Benzo(g,h,i)perylene	26.67	276	4579266	36.419	nq	97

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



#1

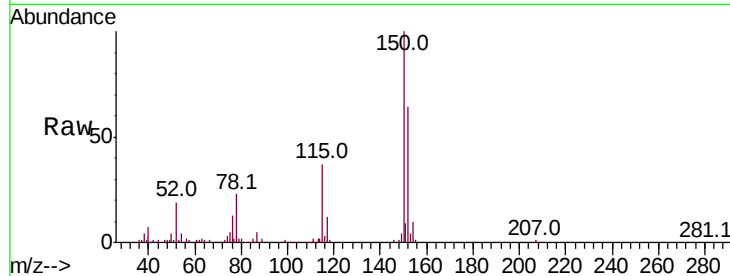
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.9	190.3
115	57.8	45.5	68.3

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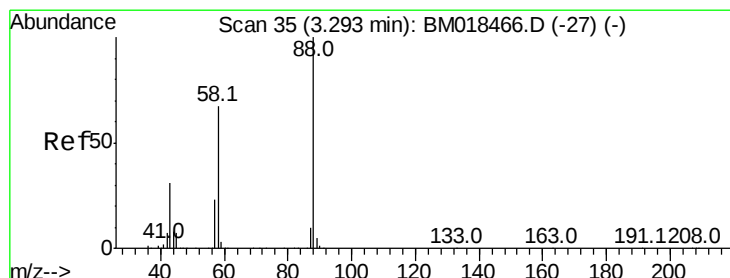
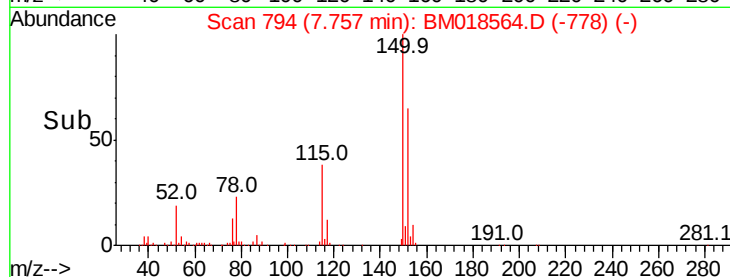
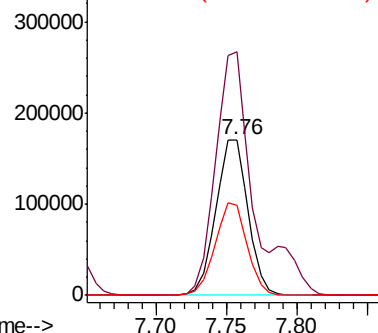


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

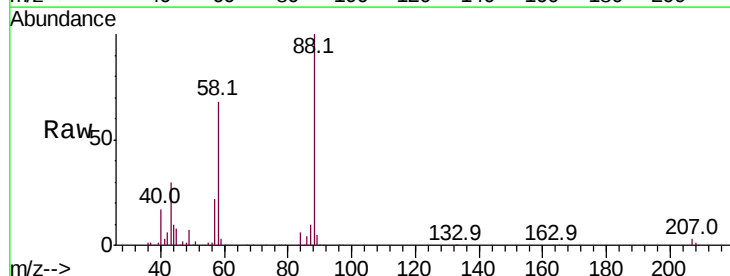
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.771 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	58.4	87.6
43	30.6	26.2	39.4

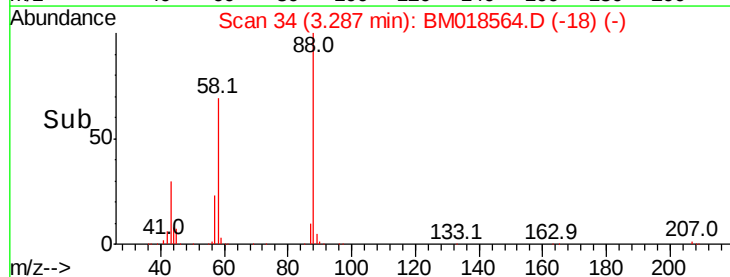
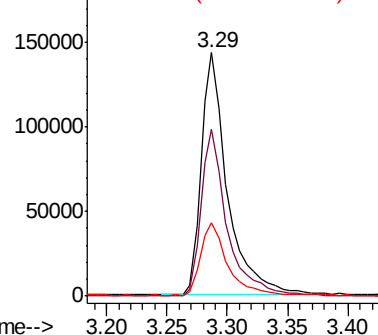


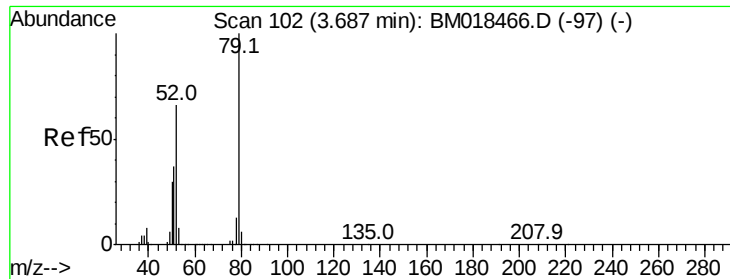
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.597 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

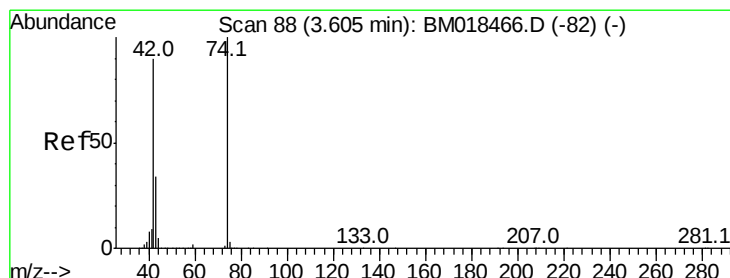
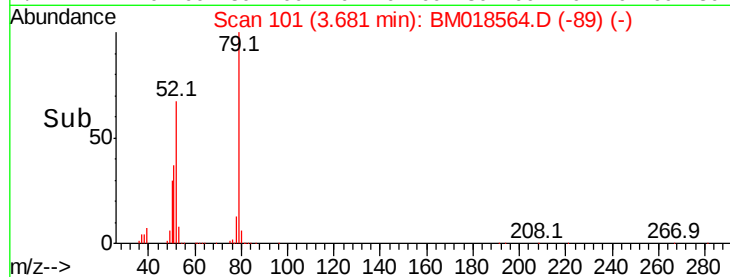
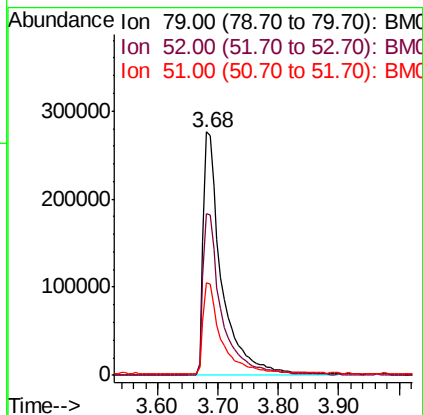
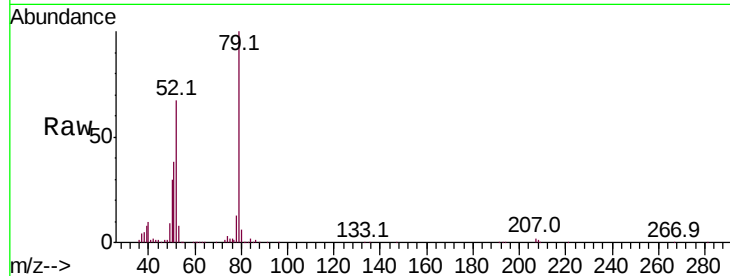
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	594503
Ion Ratio	Lower	Upper	
79	100		
52	66.6	56.4	84.6
51	37.8	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 40.505 ng

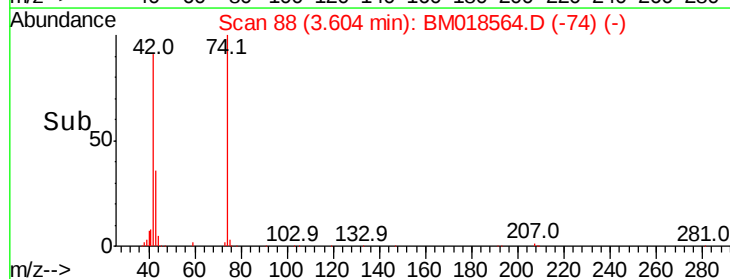
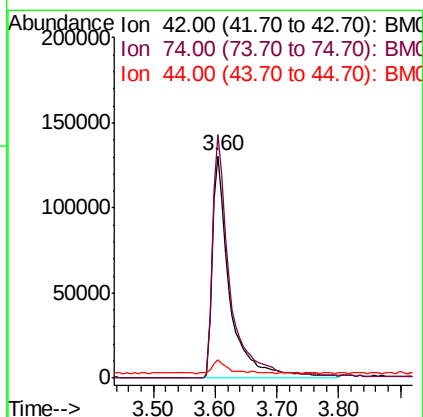
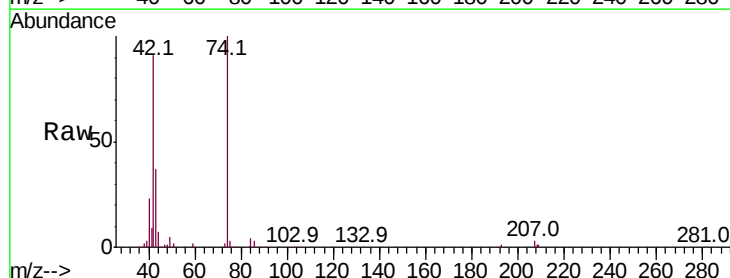
RT: 3.60 min Scan# 88

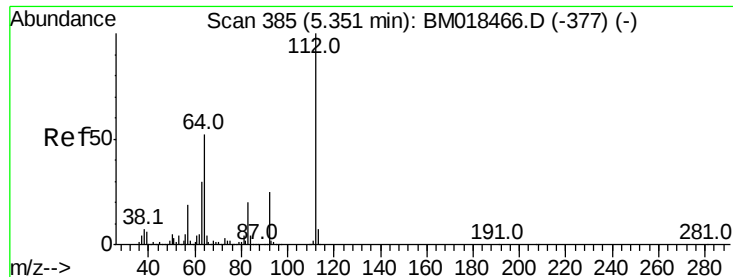
Delta R.T. -0.02 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:	42	Resp:	251476
Ion Ratio	Lower	Upper	
42	100		
74	109.5	88.6	132.8
44	8.1	16.9	25.3#





#5

2-Fluorophenol

Concen: 76.130 ng

RT: 5.34 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

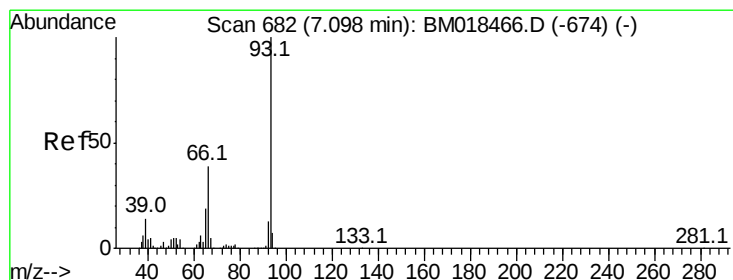
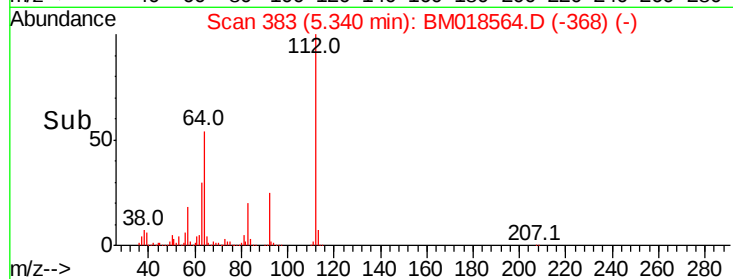
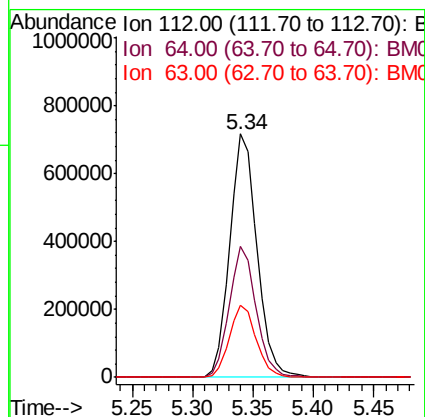
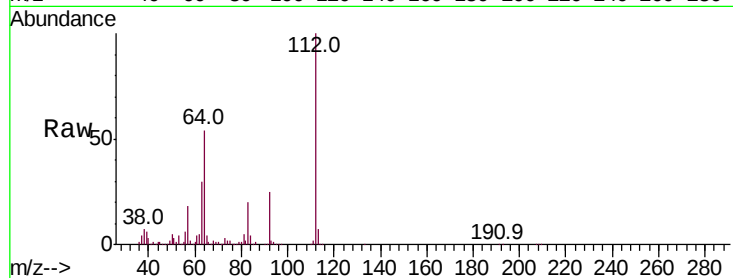
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1124856
Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.5	69.7
63	29.6	25.2	37.8

Manual Integrations
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#6

Aniline

Concen: 47.321 ng

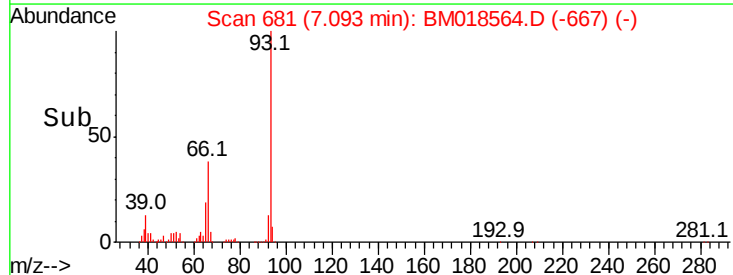
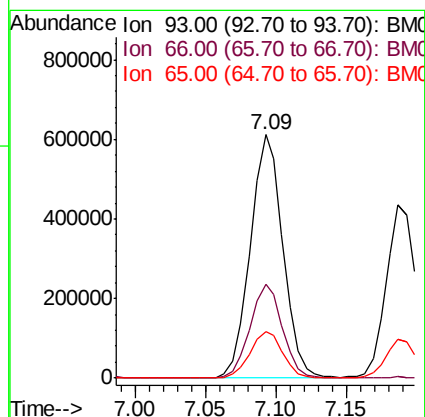
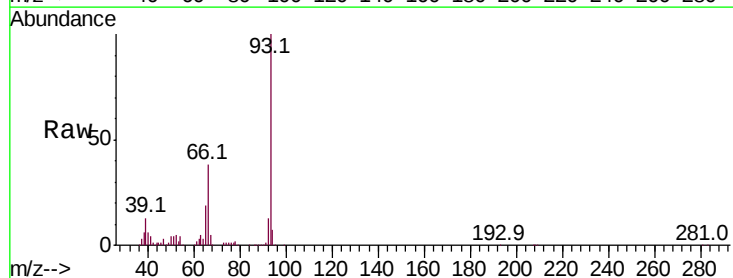
RT: 7.09 min Scan# 681

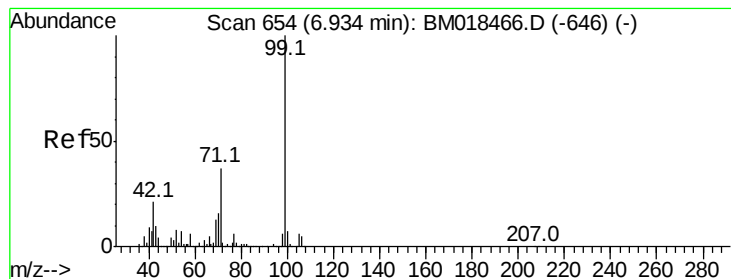
Delta R.T. -0.02 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:	93	Resp:	990610
Ion	Ratio	Lower	Upper
93	100		
66	38.5	31.7	47.5
65	19.2	15.9	23.9





#7

Phenol-d6

Concen: 87.716 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1646137

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

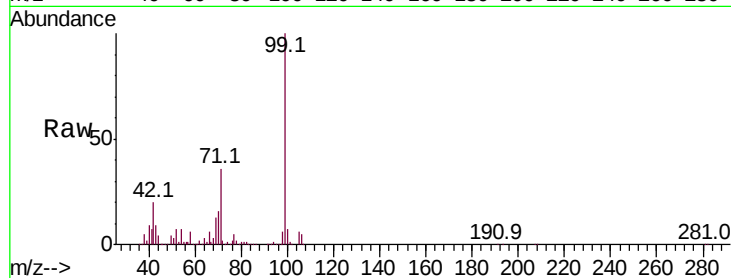
71 36.3 28.0 42.0

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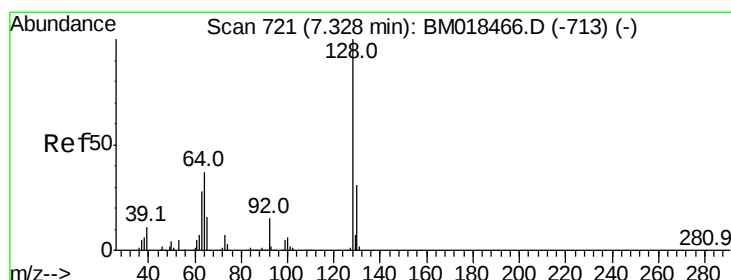
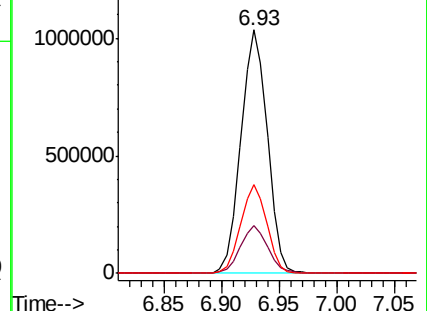
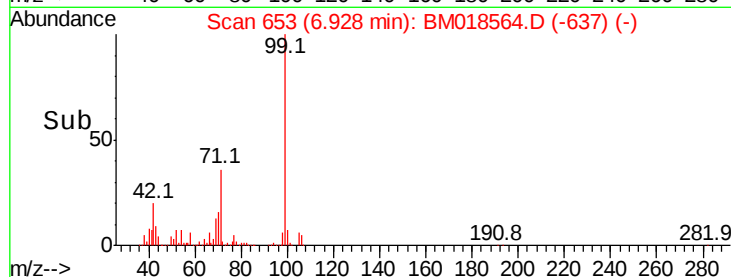
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

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

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



#8

2-Chlorophenol

Concen: 42.172 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

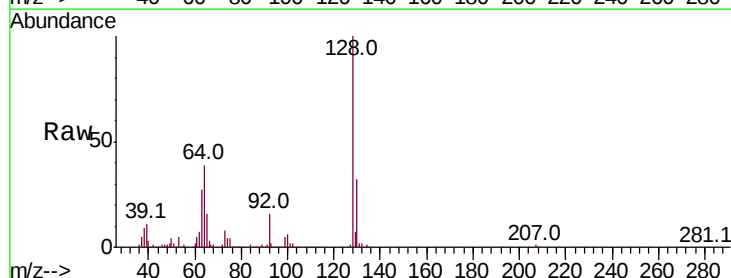
Tgt Ion: 128 Resp: 727745

Ion Ratio Lower Upper

128 100

130 32.0 13.6 53.6

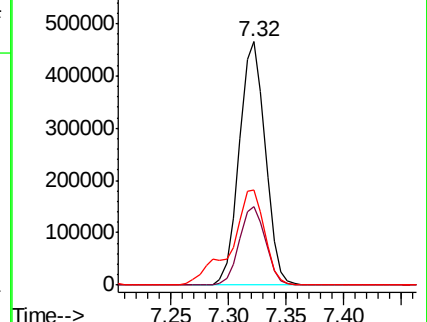
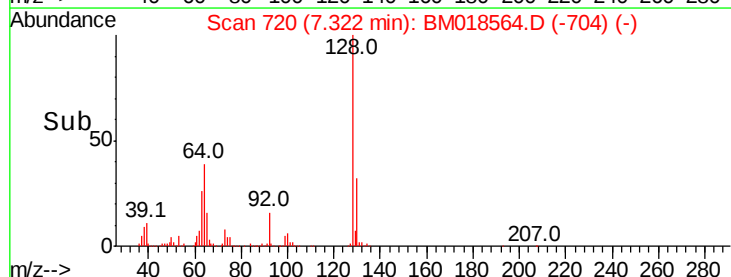
64 39.0 24.8 64.8

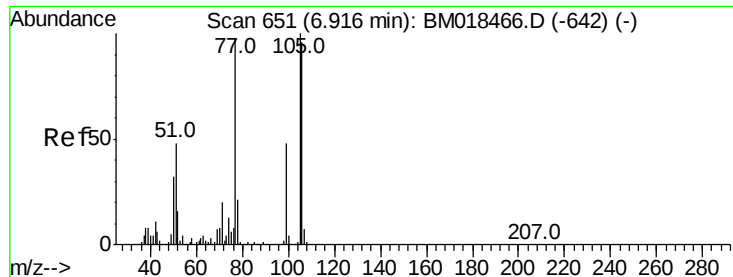


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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

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





#9

Benzaldehyde

Concen: 40.325 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 434549

Ion Ratio Lower Upper

77 100

105 101.3 79.7 119.7

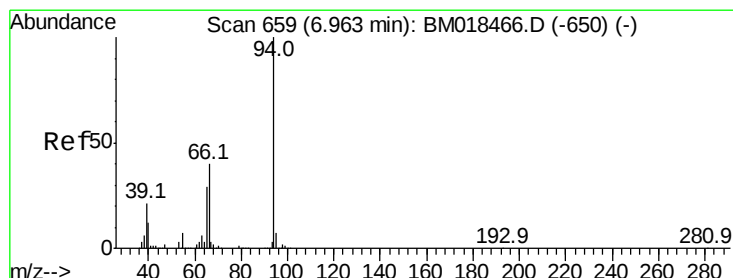
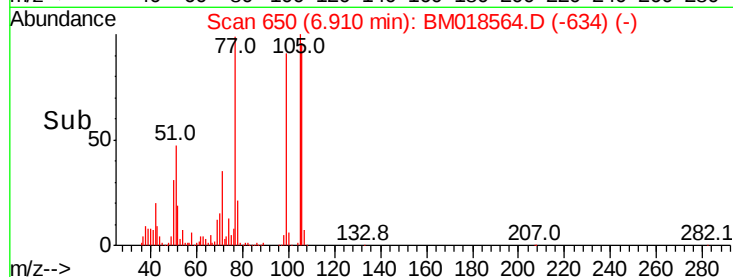
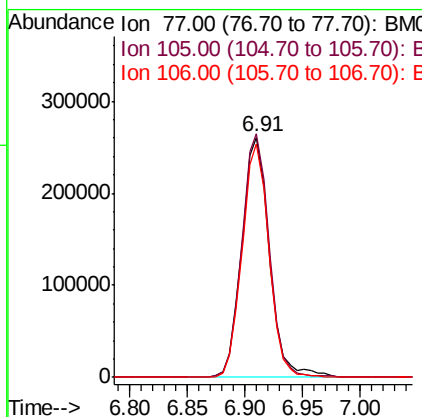
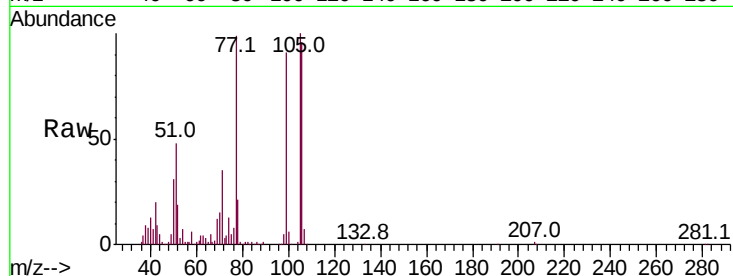
106 97.1 75.2 115.2

Manual Integrations

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#10

Phenol

Concen: 43.247 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

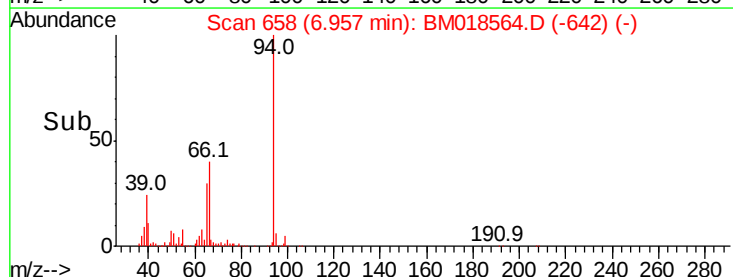
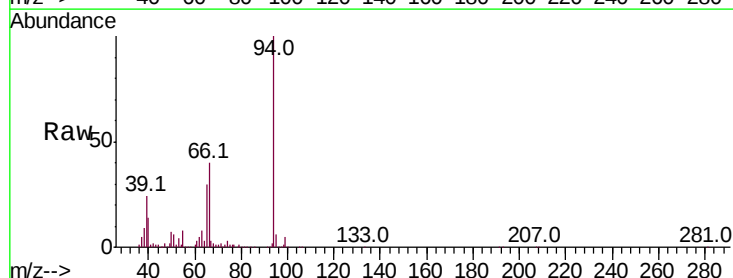
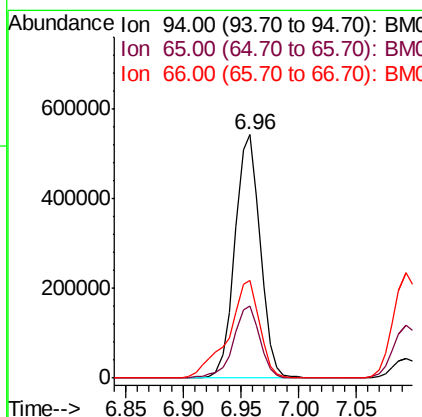
Tgt Ion: 94 Resp: 824714

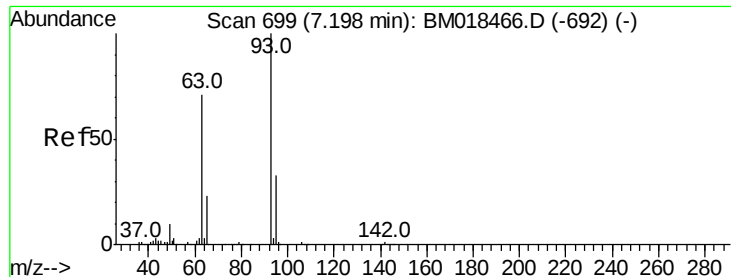
Ion Ratio Lower Upper

94 100

65 29.6 9.4 49.4

66 40.2 19.1 59.1





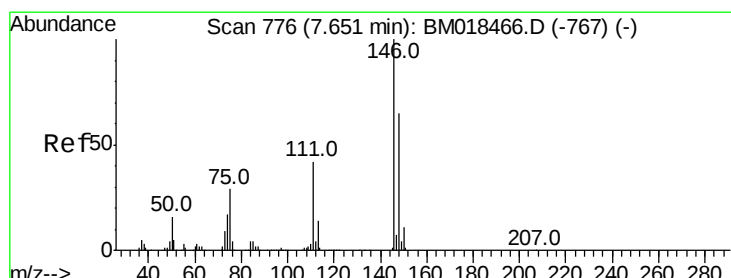
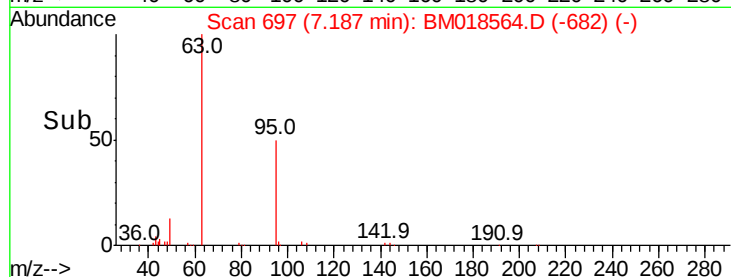
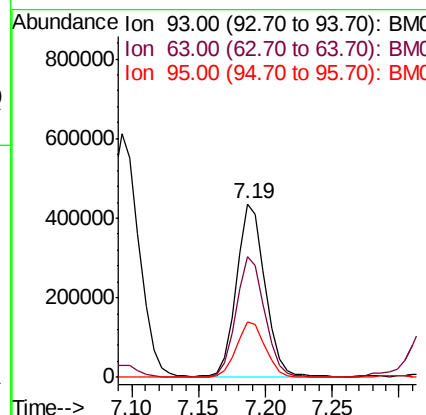
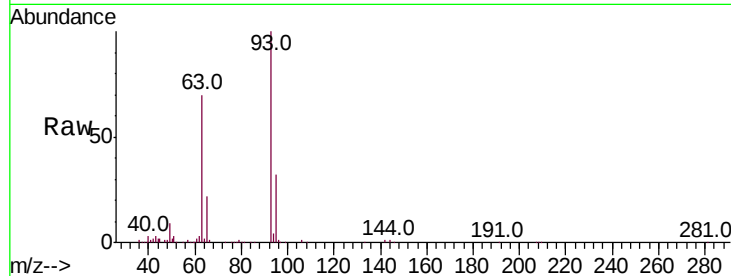
#11
bis(2-Chloroethyl)ether
Concen: 42.740 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	640431
Ion Ratio	Lower	Upper	
93	100		
63	70.0	56.4	96.4
95	32.1	12.7	52.7

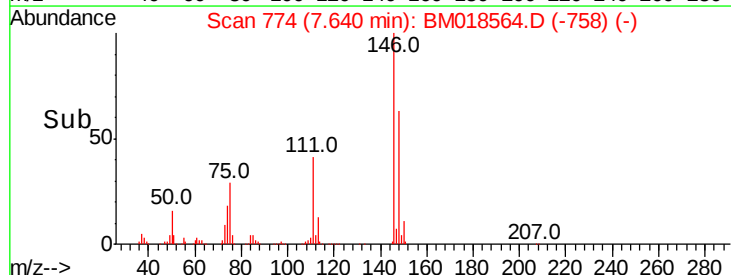
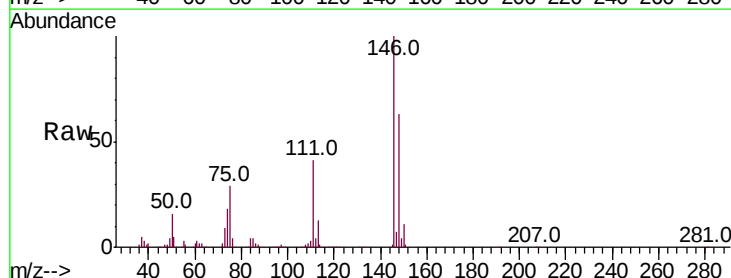
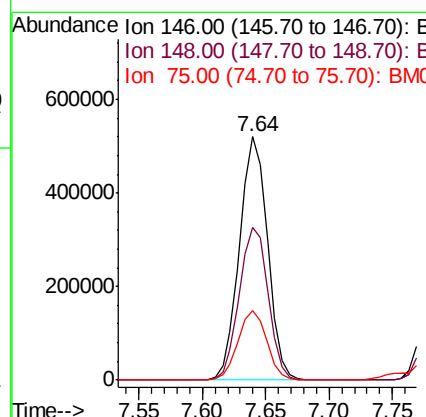
Manual Integrations
APPROVED

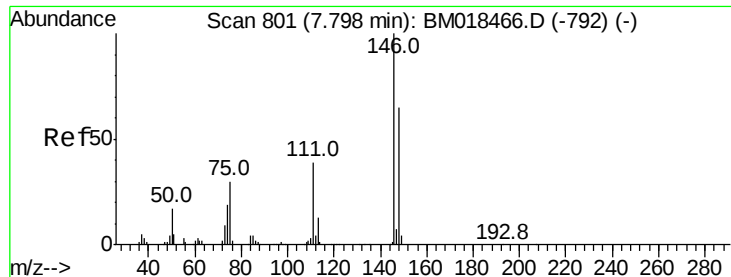
Sohil
1/16/2019 2:07:30 PM



#12
1,3-Dichlorobenzene
Concen: 38.910 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion:	146	Resp:	799631
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.5	75.7
75	28.5	23.0	34.6





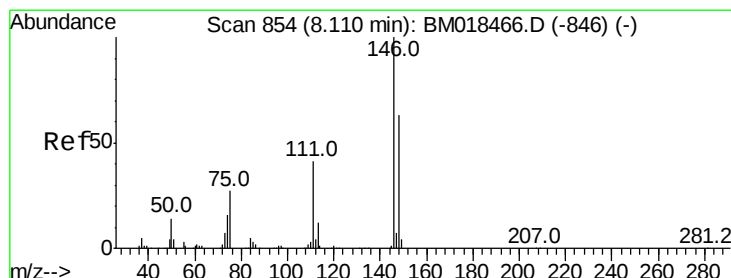
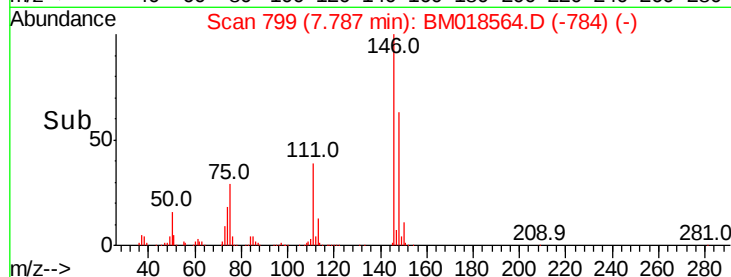
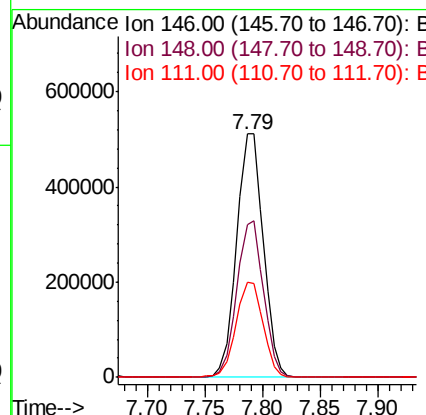
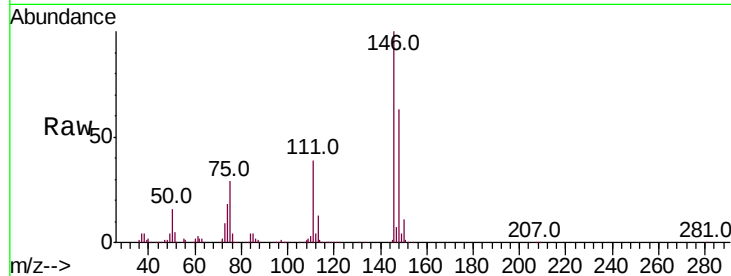
#13
1,4-Dichlorobenzene
Concen: 39.386 ng
RT: 7.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	39.3	32.2	48.2

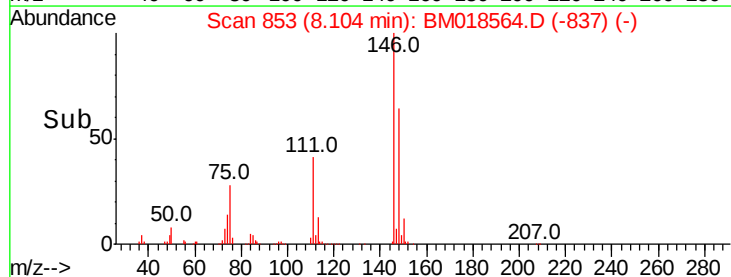
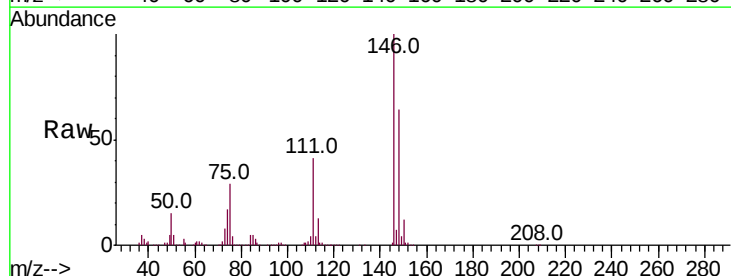
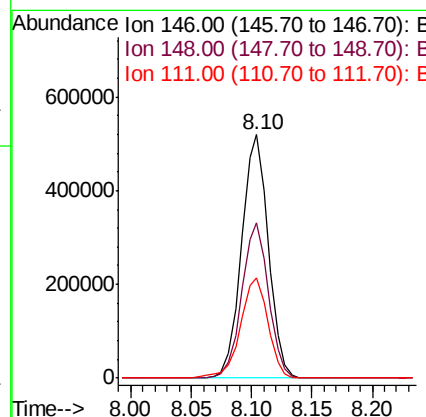
Manual Integrations
APPROVED

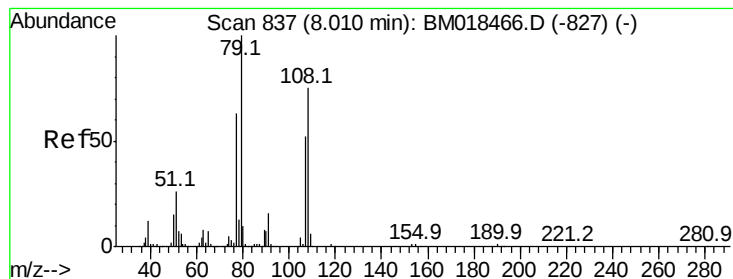
Sohil
1/16/2019 2:07:30 PM



#14
1,2-Dichlorobenzene
Concen: 40.475 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	41.2	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.862 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

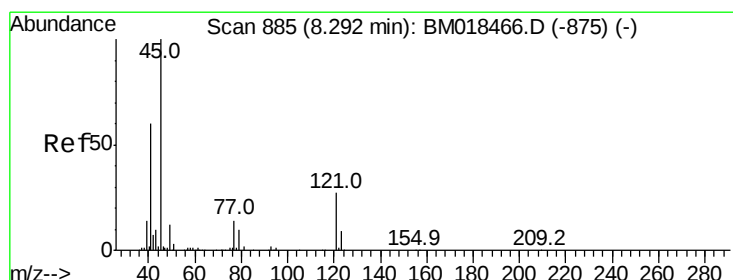
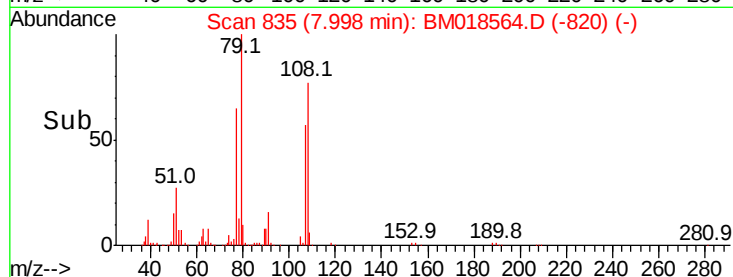
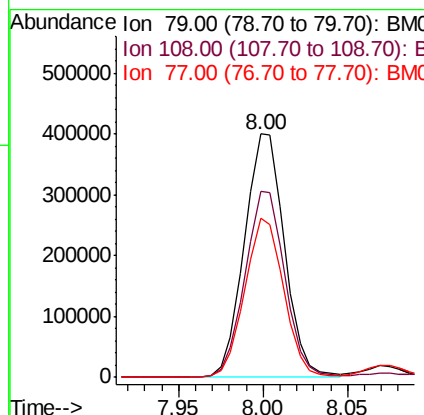
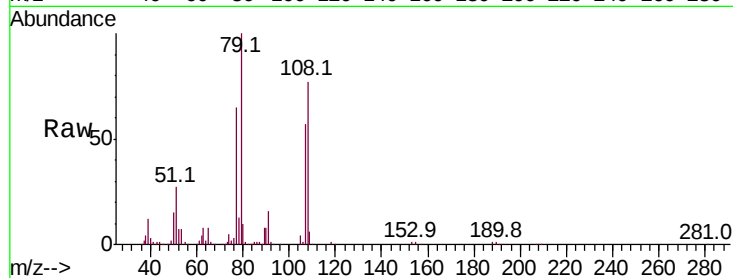
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	662301
Ion Ratio	Lower	Upper	
79	100		
108	76.7	60.4	90.6
77	65.4	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.184 ng

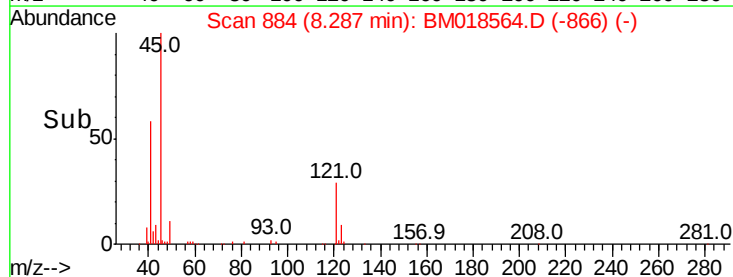
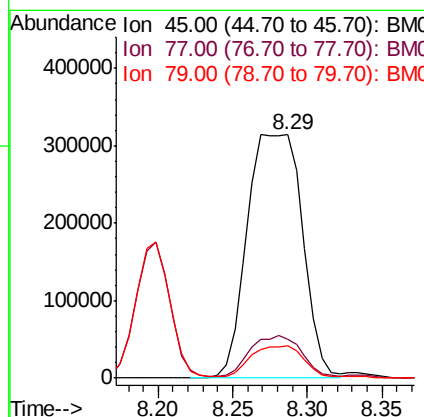
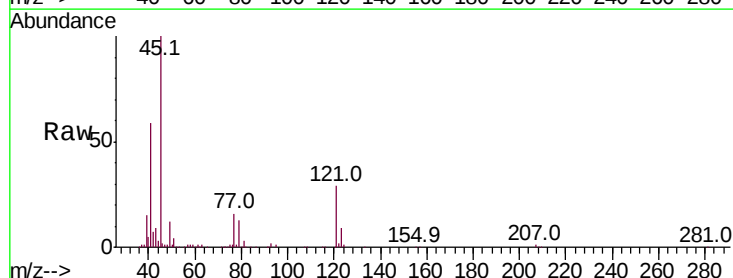
RT: 8.29 min Scan# 884

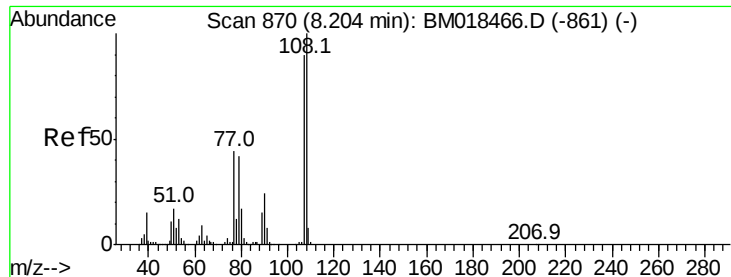
Delta R.T. 0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:	45	Resp:	807781
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	33.4
79	13.3	0.0	31.1





#17

2-Methylphenol

Concen: 46.278 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

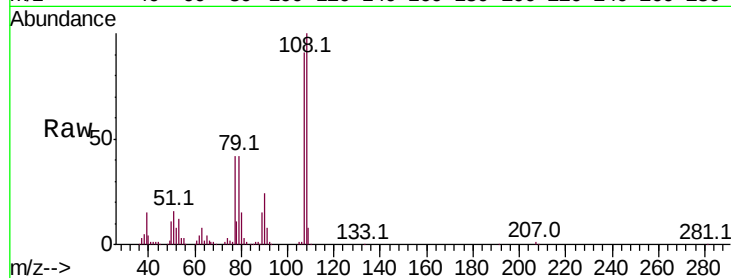
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	87.5	131.3	
77	45.9	37.3	55.9	
79	45.9	36.4	54.6	

Manual Integrations
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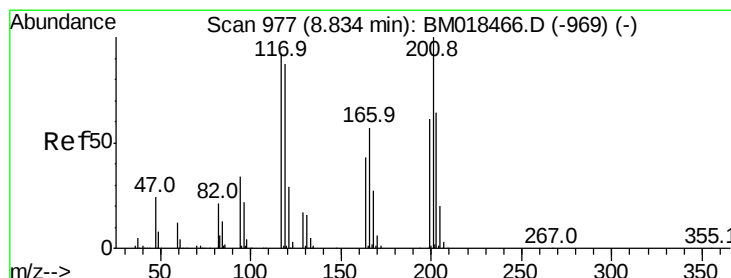
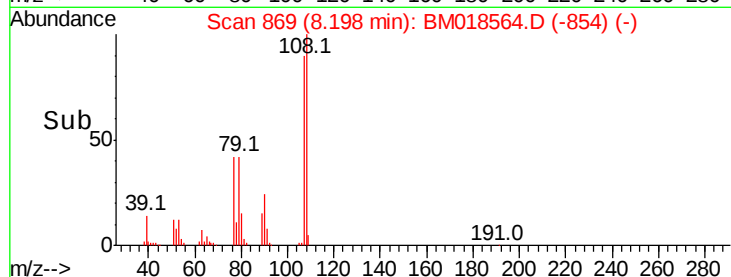
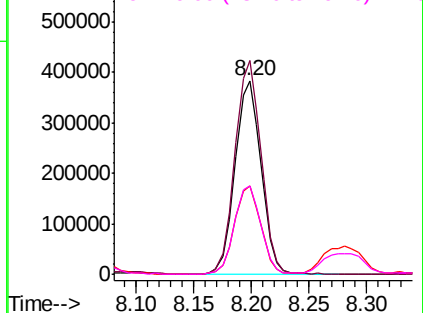
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.600 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

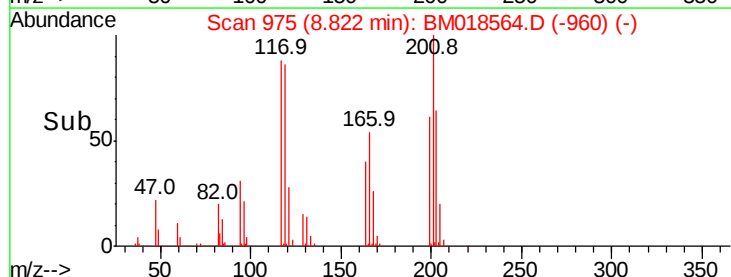
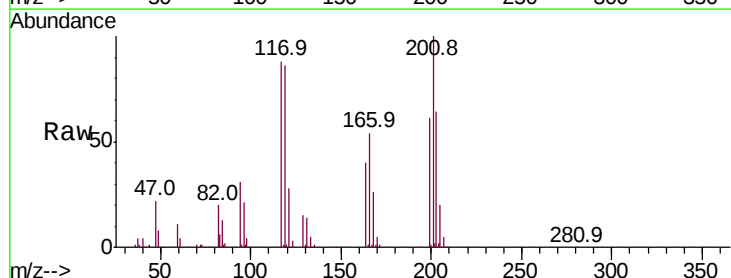
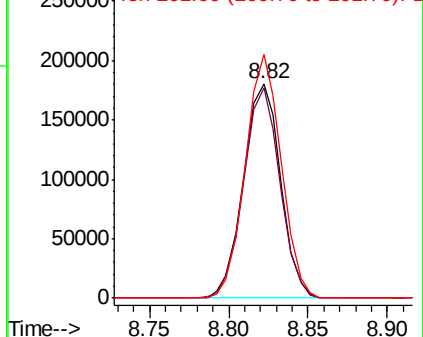
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	78.3	117.5	
201	113.3	81.4	122.0	

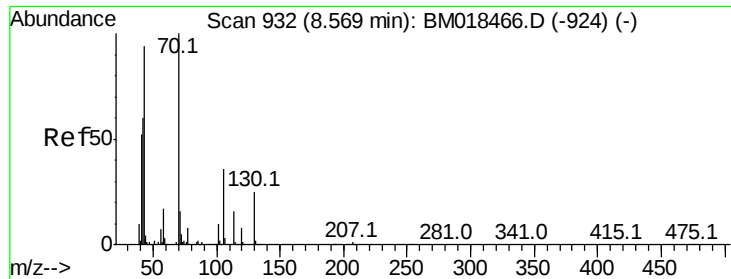
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





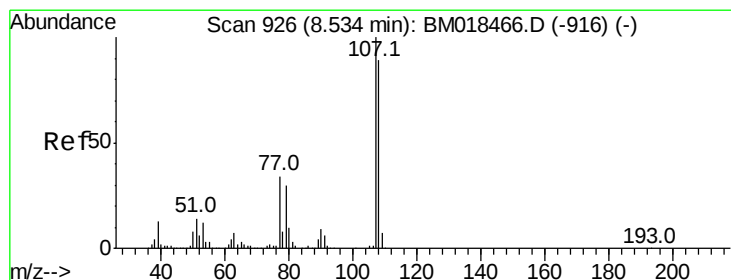
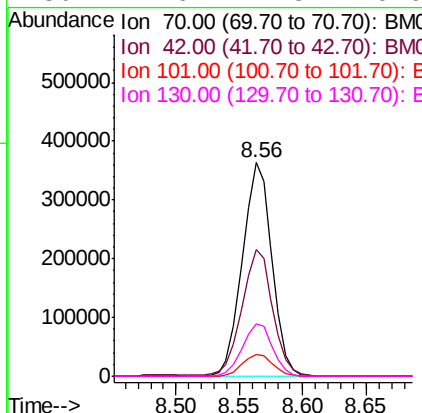
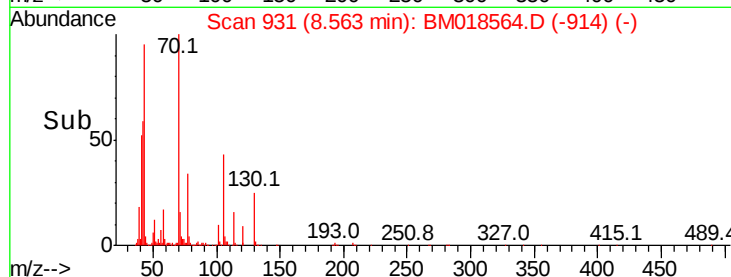
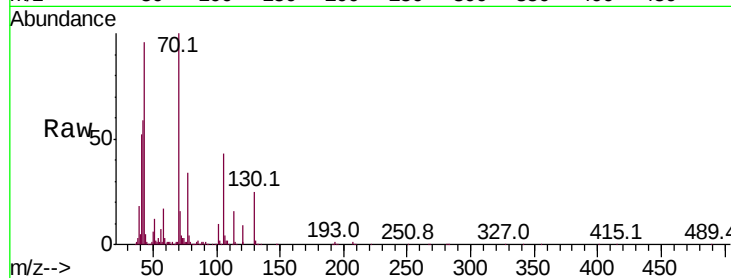
#19
n-Nitroso-di-n-propylamine
Concen: 48.068 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.5	54.0	81.0	
101	10.2	8.1	12.1	
130	24.6	17.8	26.6	

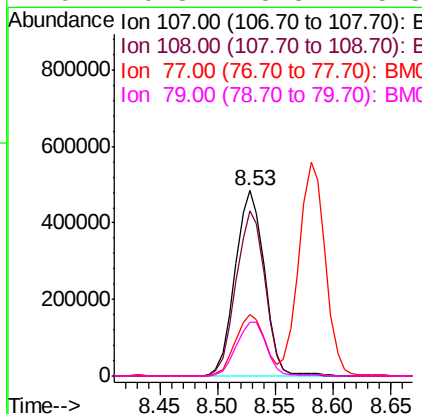
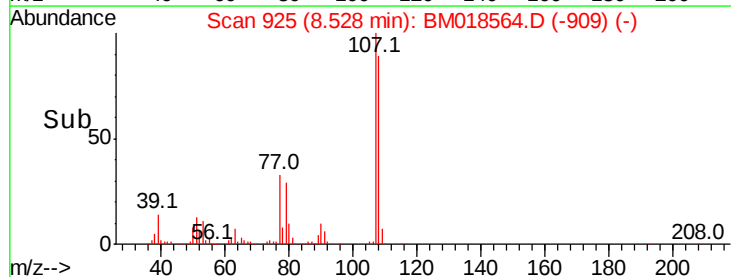
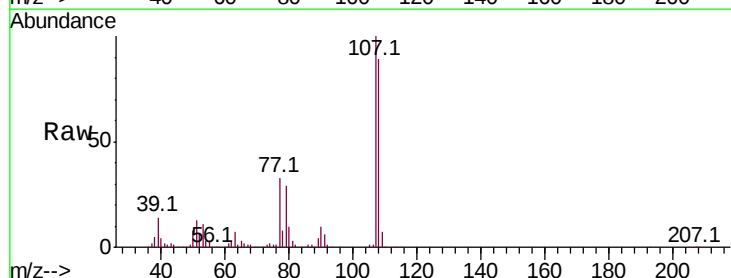
Manual Integrations
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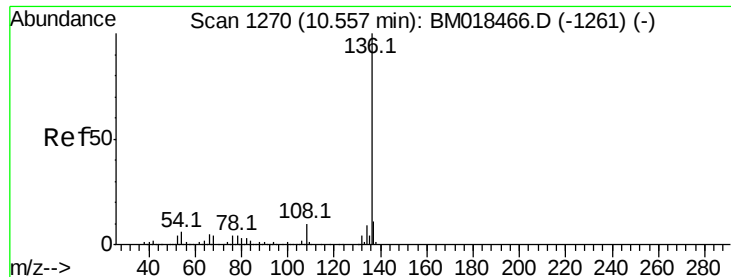
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#20
3+4-Methylphenols
Concen: 47.773 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	66.8	106.8	
77	33.5	13.3	53.3	
79	29.3	8.8	48.8	





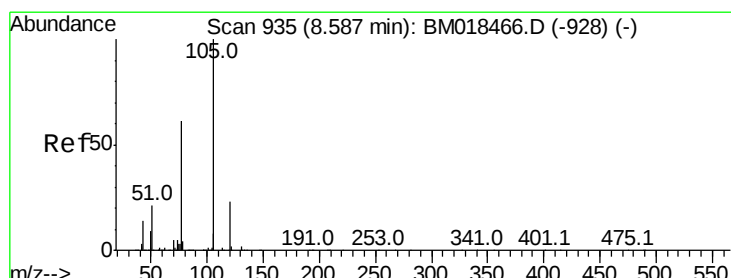
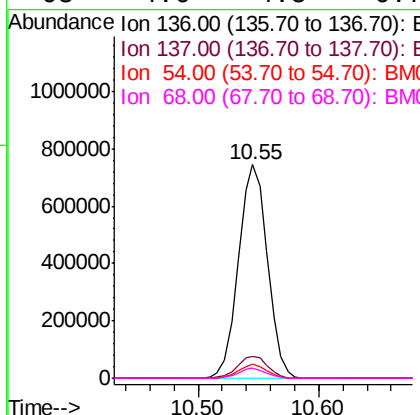
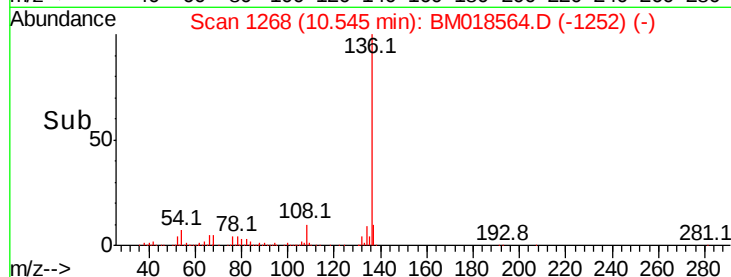
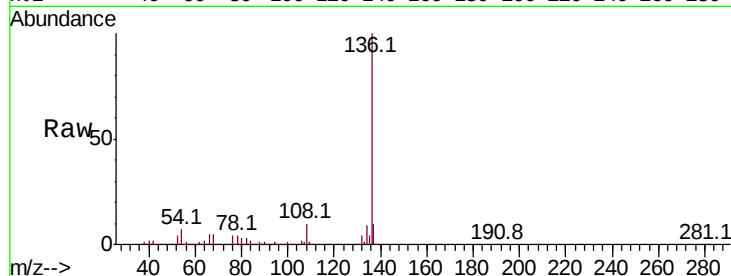
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7

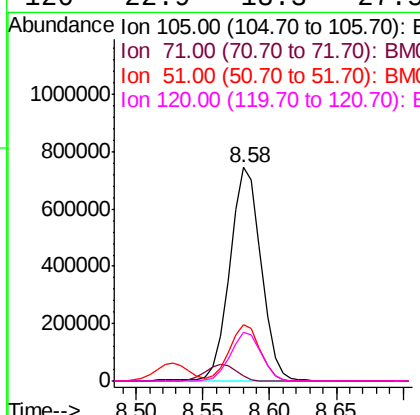
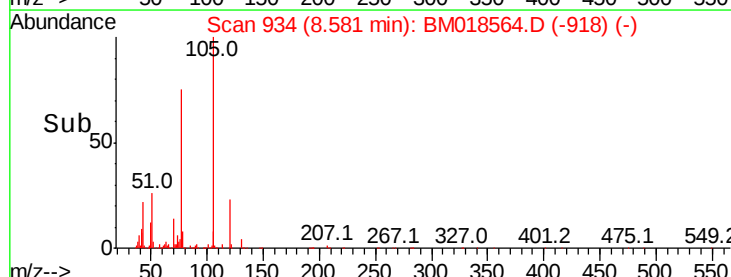
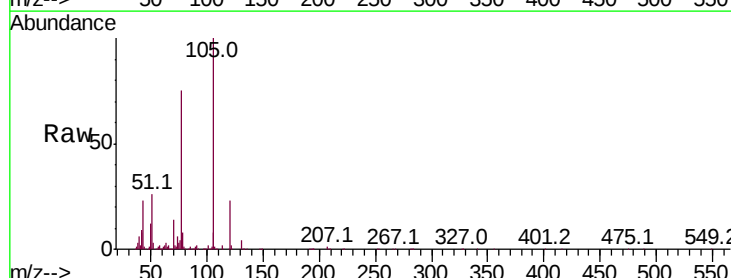
Manual Integrations
APPROVED

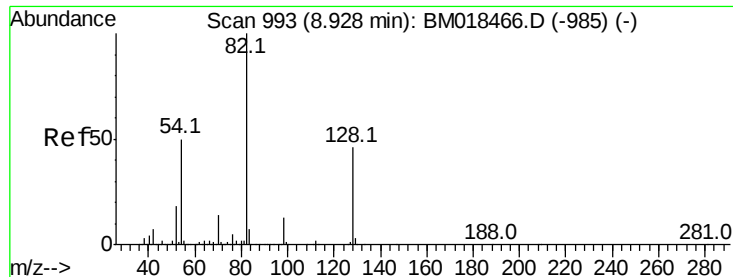
Sohil
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#22
Acetophenone
Concen: 39.261 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.7	2.5
51	26.1	22.6	34.0
120	22.9	18.3	27.5





#23

Nitrobenzene-d5

Concen: 78.367 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1678341

Ion Ratio Lower Upper

82 100

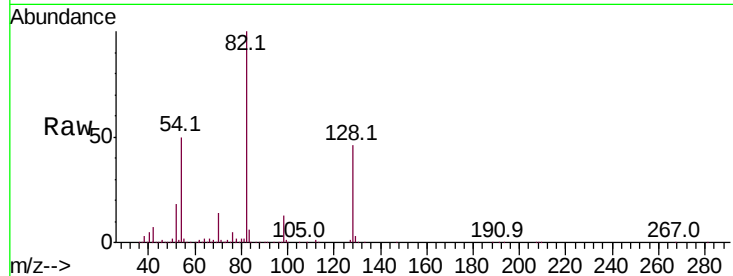
128 46.4 36.3 54.5

54 49.7 41.7 62.5

Manual Integrations
APPROVED

Sohil

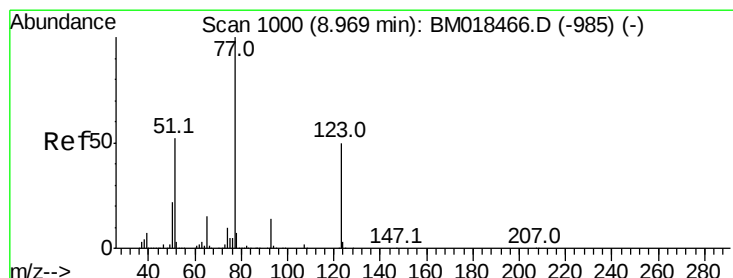
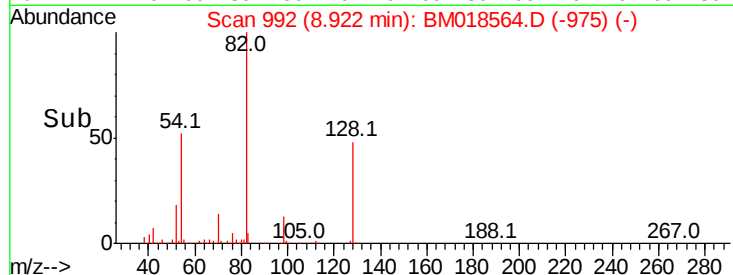
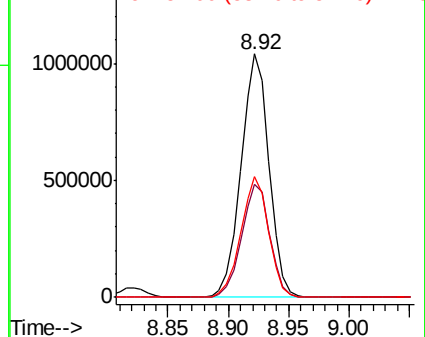
1/16/2019 2:07:30 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#24

Nitrobenzene

Concen: 38.742 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

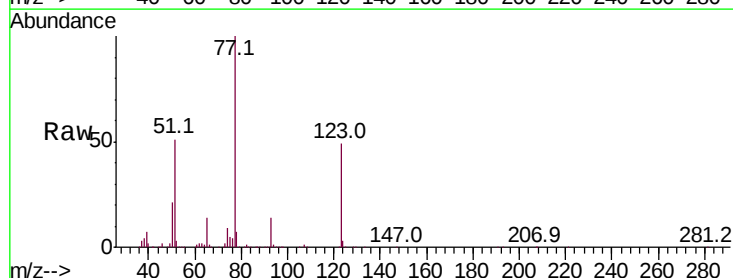
Tgt Ion: 77 Resp: 816393

Ion Ratio Lower Upper

77 100

123 48.9 37.7 56.5

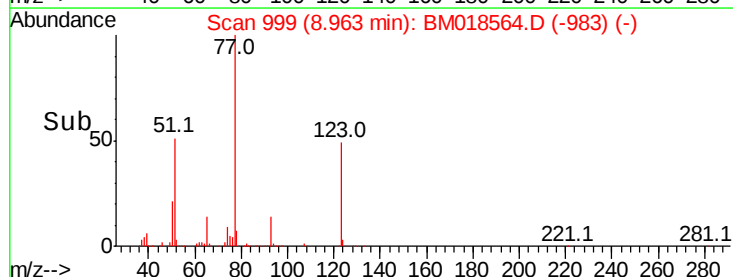
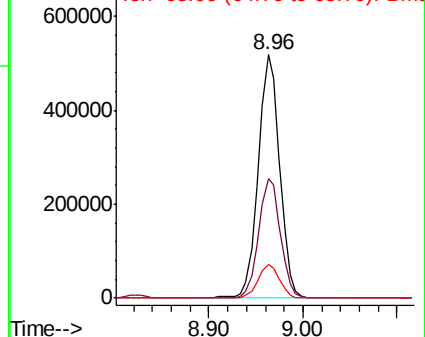
65 13.7 11.0 16.6

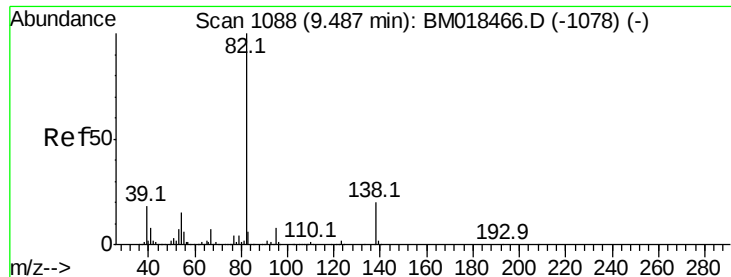


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-985) (-)

Ion 123.00 (122.70 to 123.70): BM018466.D (-985) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-985) (-)





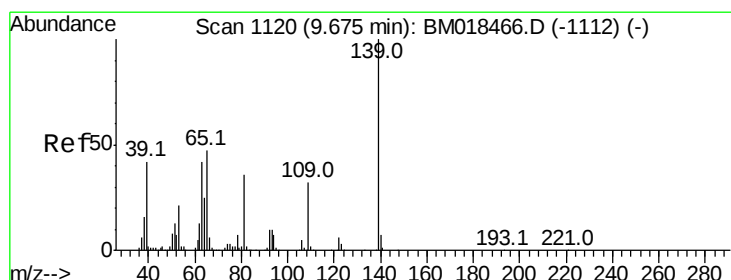
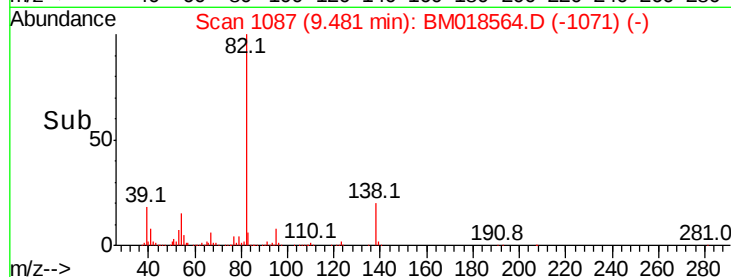
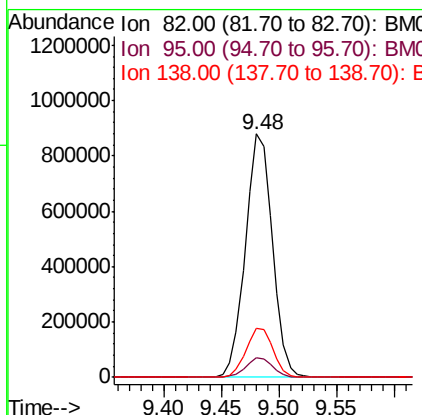
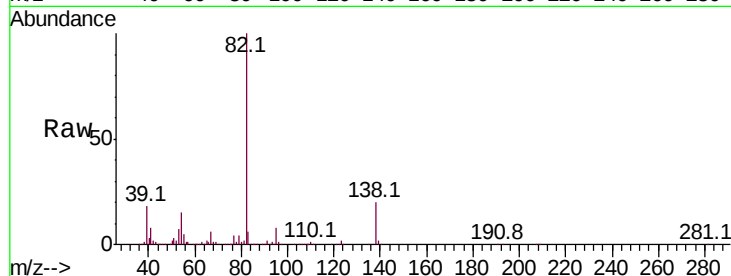
#25
Isophorone
Concen: 44.249 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	20.3	15.1	22.7

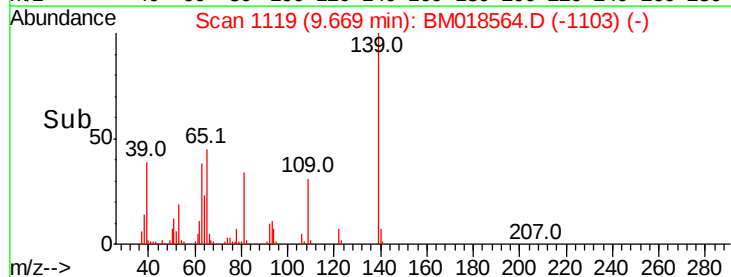
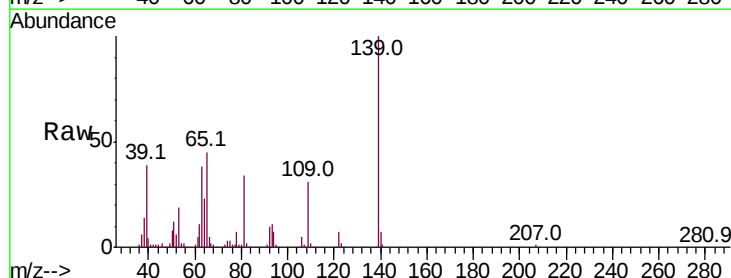
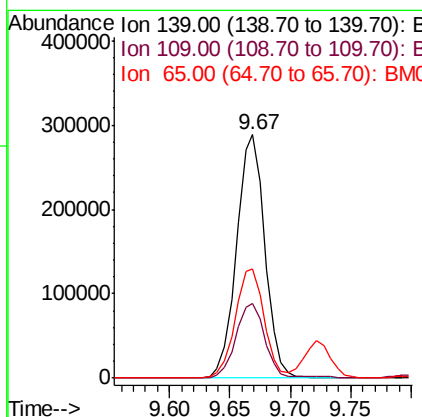
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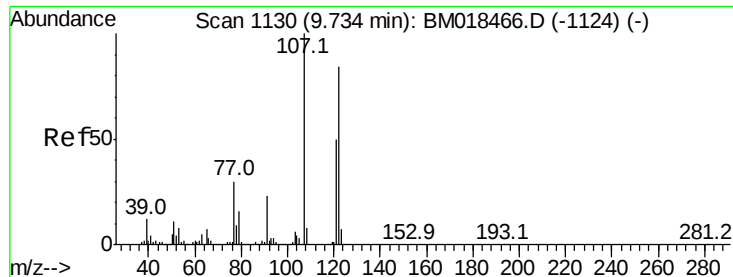
Sohil
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#26
2-Nitrophenol
Concen: 46.245 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.4	35.2
65	44.6	39.4	59.2





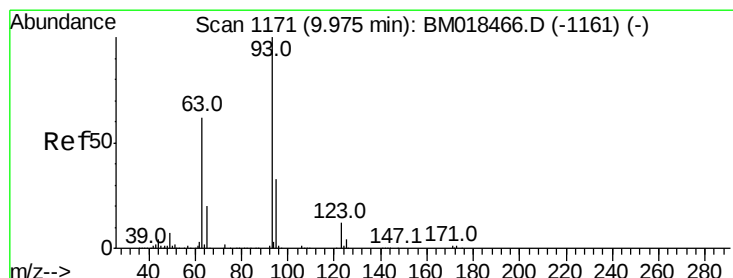
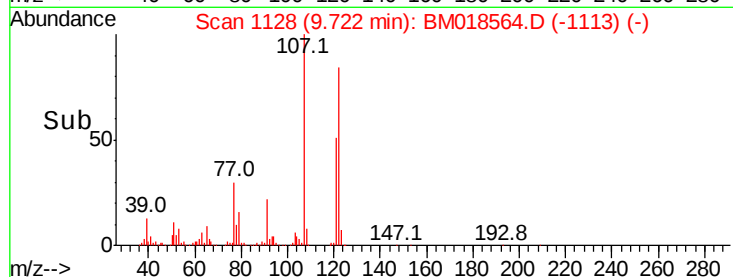
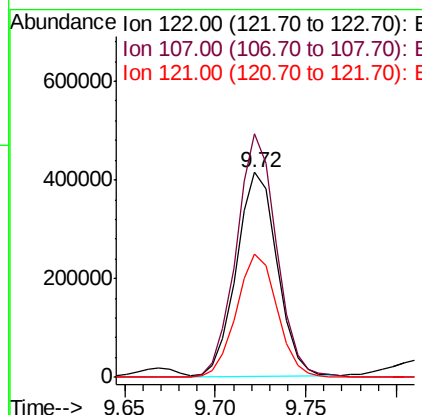
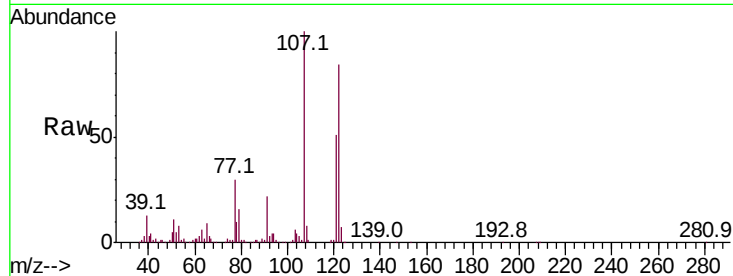
#27
2,4-Dimethylphenol
Concen: 42.010 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	641590		
107	118.9	91.9	137.9	
121	60.2	47.5	71.3	

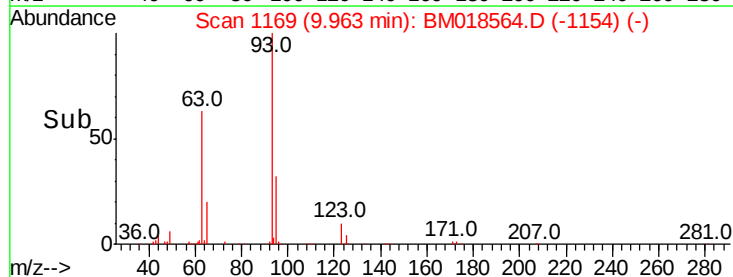
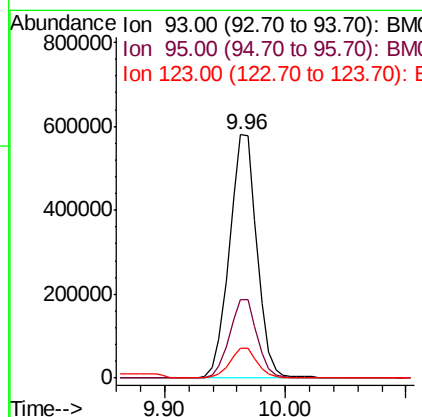
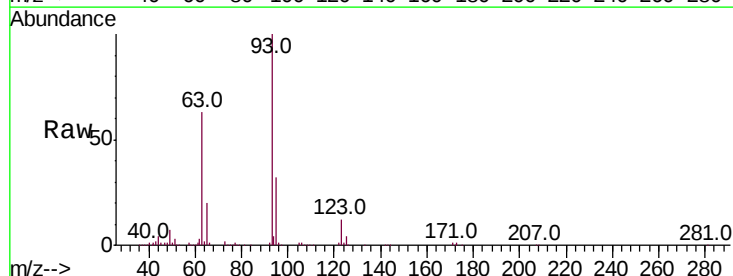
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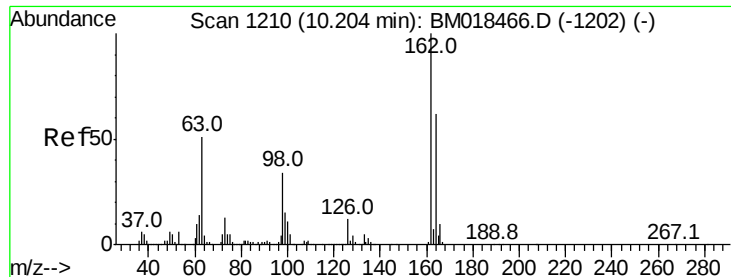
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#28
bis(2-Chloroethoxy)methane
Concen: 40.922 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	916786		
95	32.1	26.6	39.8	
123	12.3	9.9	14.9	





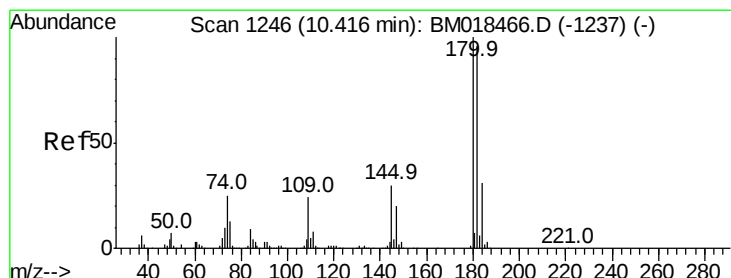
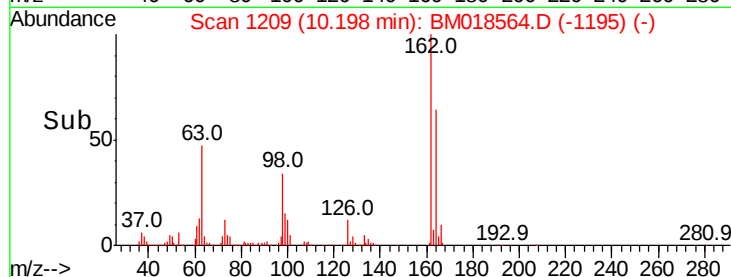
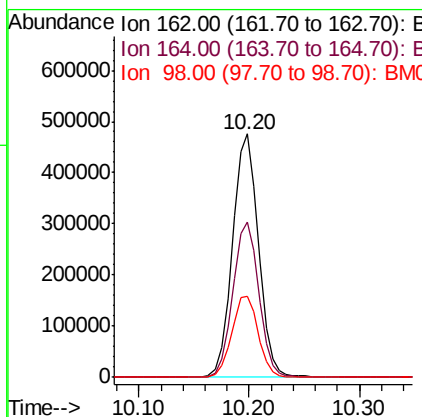
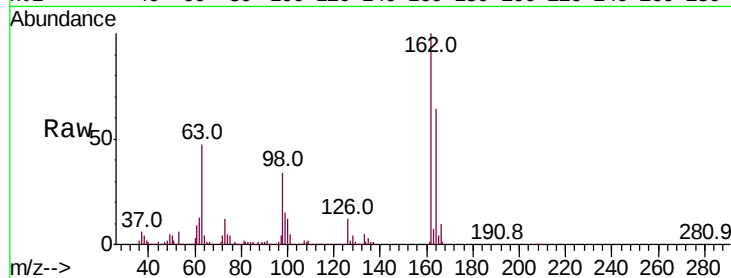
#29
 2,4-Dichlorophenol
 Concen: 43.278 ng
 RT: 10.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.9	45.6	85.6	
98	33.5	14.7	54.7	

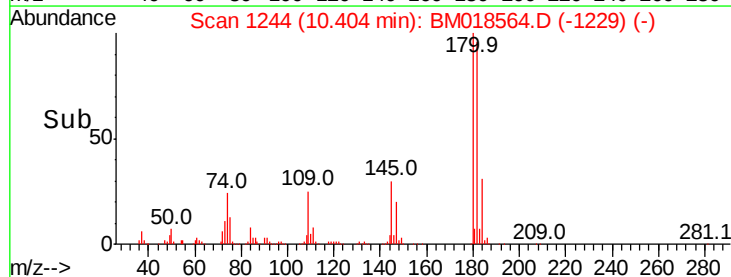
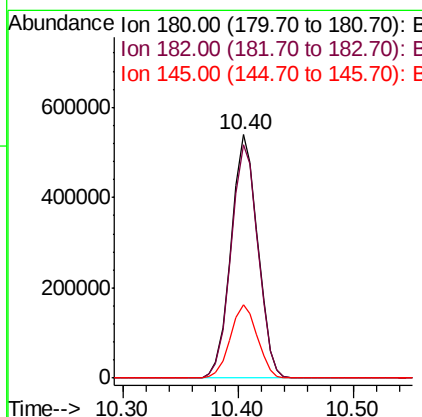
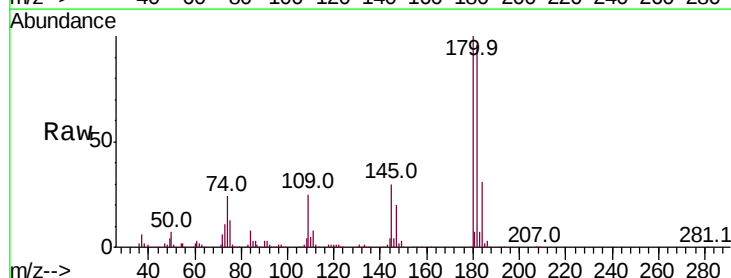
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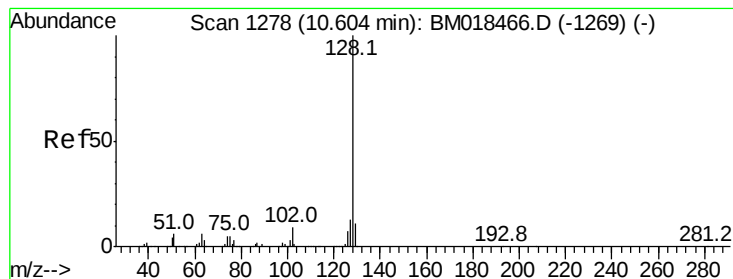
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.172 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	77.4	116.2	
145	30.4	24.6	37.0	





#31

Naphthalene

Concen: 39.292 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2349349

Ion Ratio Lower Upper

128 100

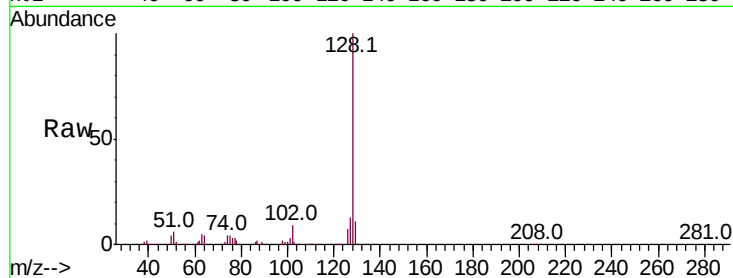
129 10.7 8.7 13.1

127 13.0 10.8 16.2

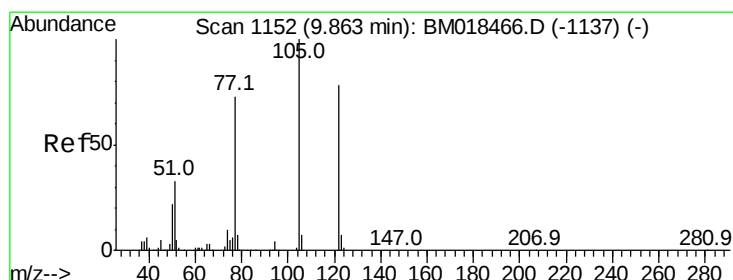
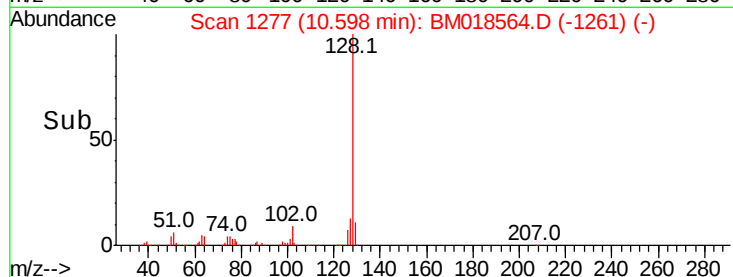
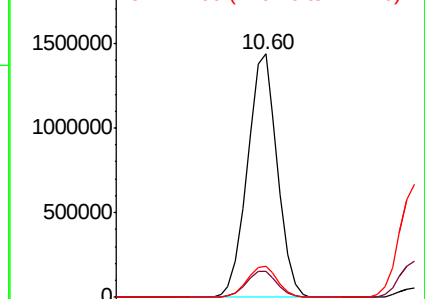
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.899 ng m

RT: 9.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

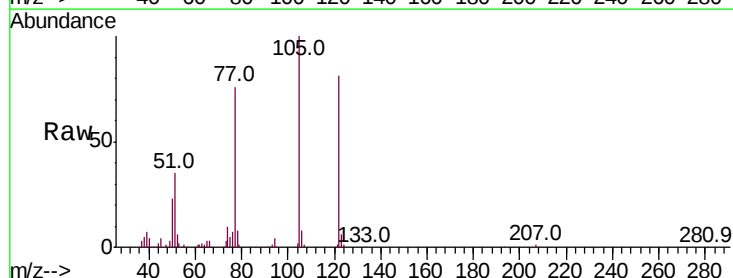
Tgt Ion:122 Resp: 551842

Ion Ratio Lower Upper

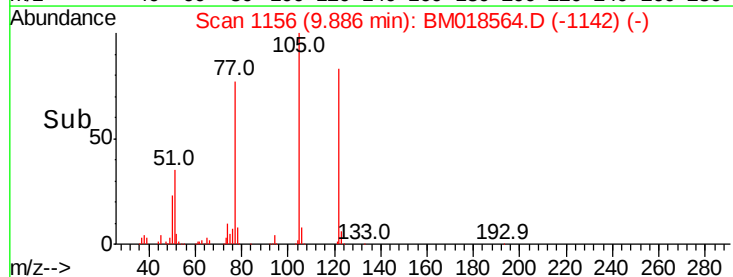
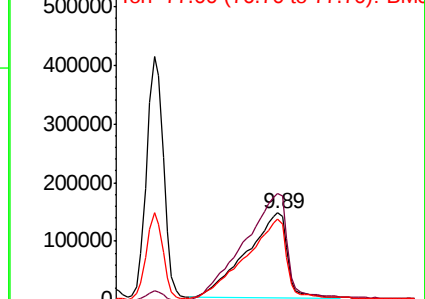
122 100

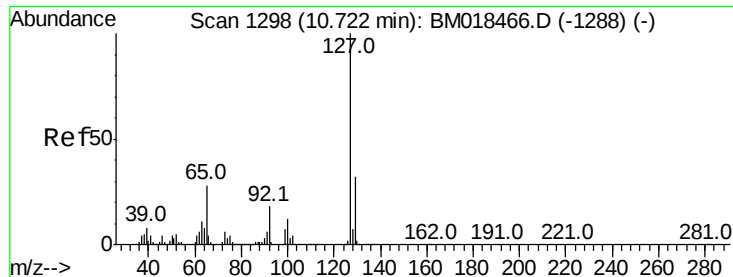
105 122.8 100.4 140.4

77 93.3 71.7 111.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





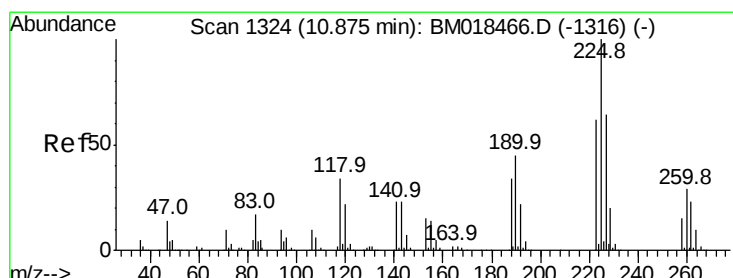
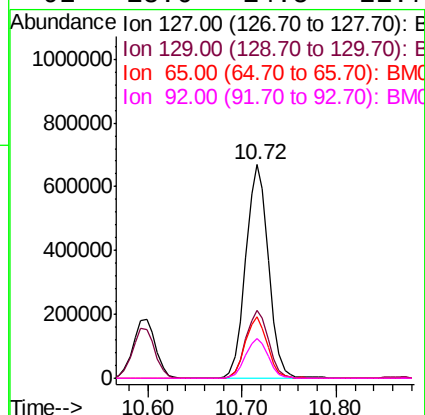
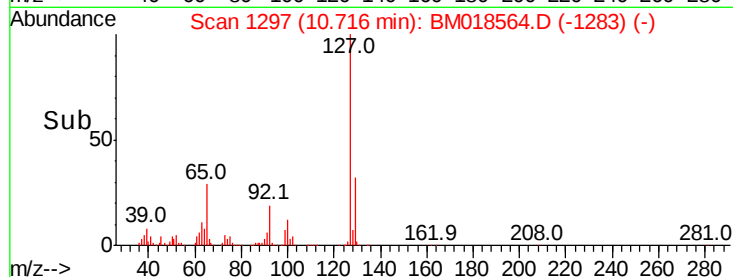
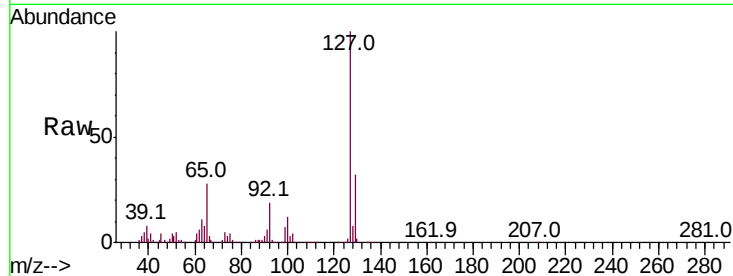
#33
4-Chloroaniline
Concen: 47.586 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.5	23.4	35.2
92	18.6	14.5	21.7

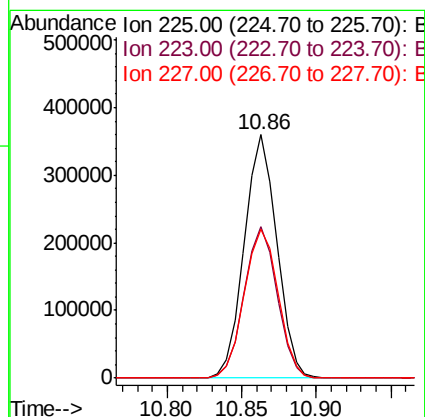
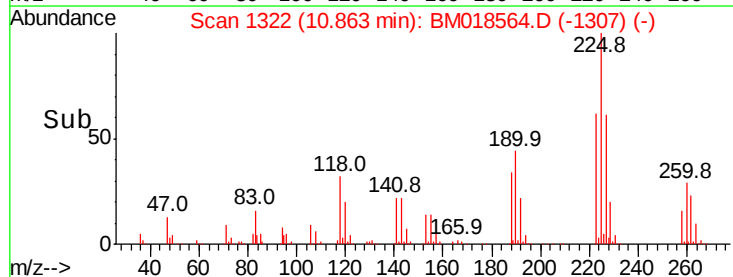
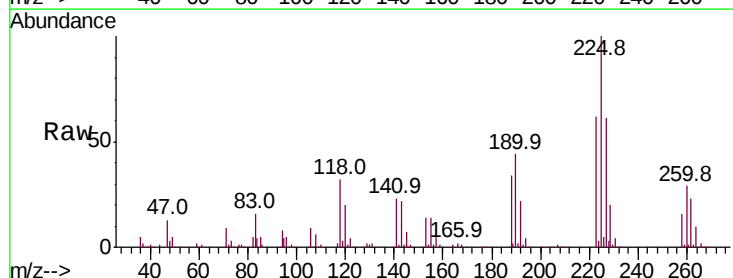
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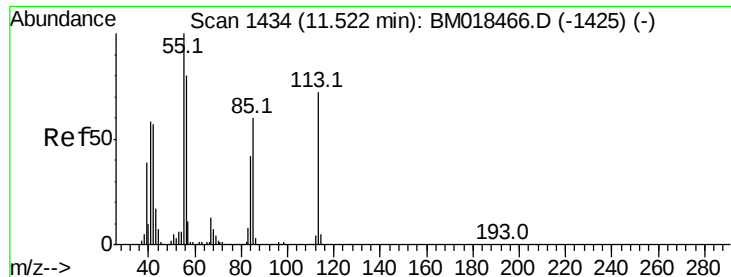
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#34
Hexachlorobutadiene
Concen: 38.229 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.8	76.2
227	61.2	50.4	75.6





#35

Caprolactam

Concen: 52.686 ng

RT: 11.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

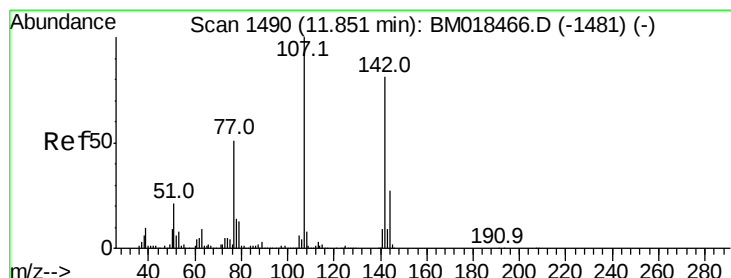
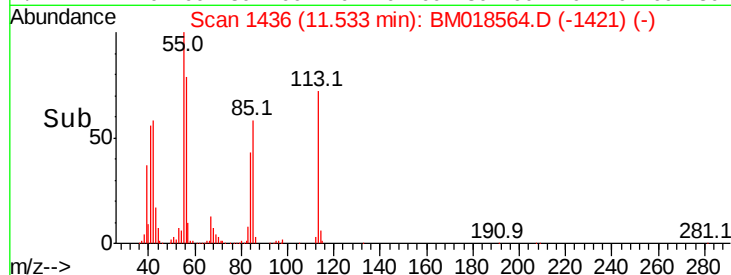
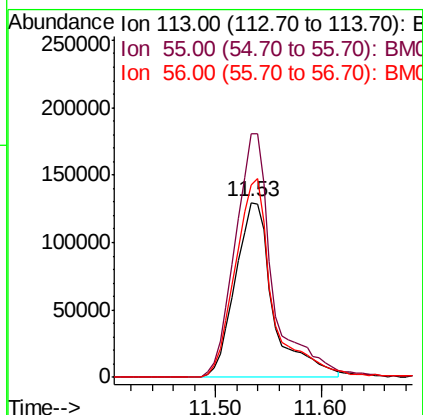
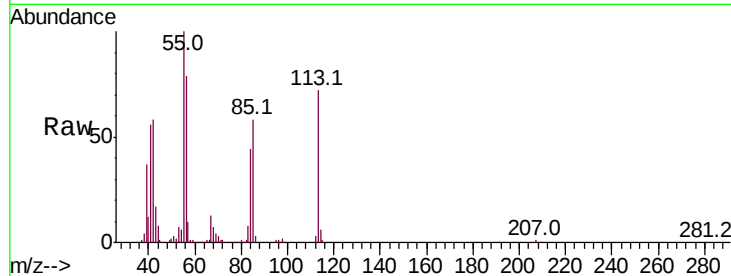
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	325757
Ion Ratio	Lower	Upper	
113	100		
55	139.3	139.3	179.3
56	110.2	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 46.507 ng

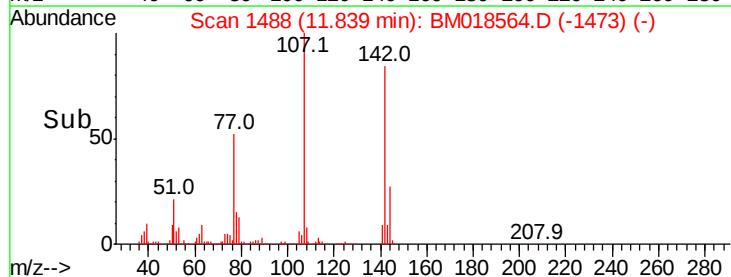
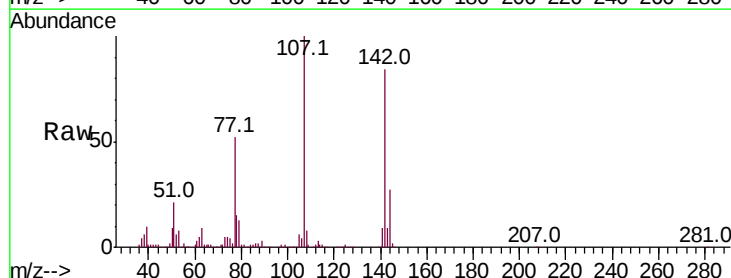
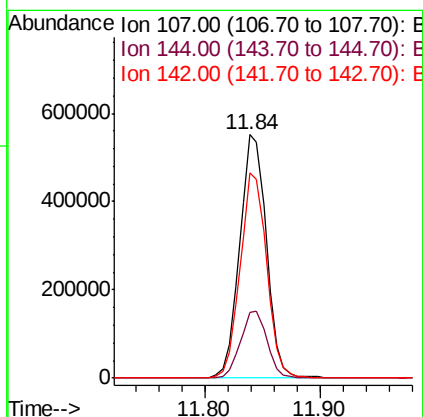
RT: 11.84 min Scan# 1488

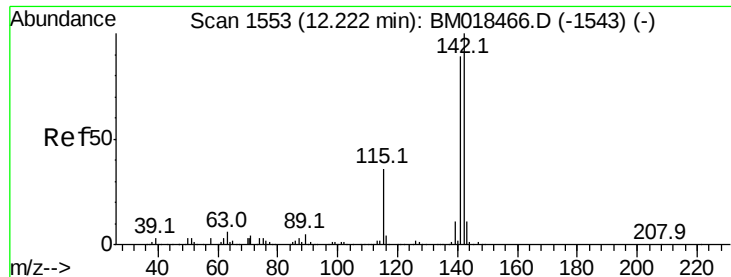
Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:	107	Resp:	887314
Ion Ratio	Lower	Upper	
107	100		
144	26.8	21.9	32.9
142	84.1	67.9	101.9





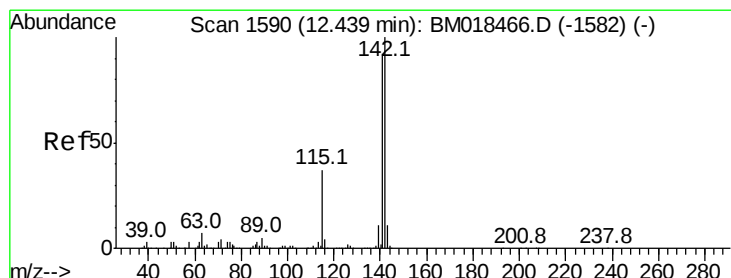
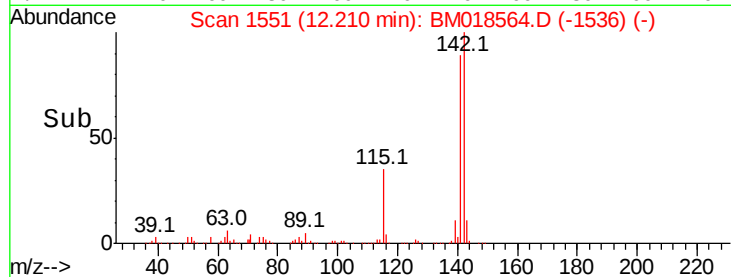
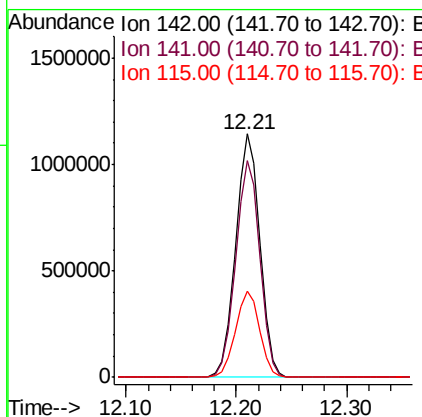
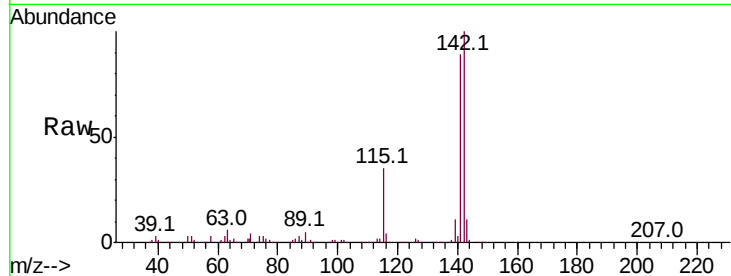
#37
2-Methylnaphthalene
Concen: 41.715 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.2	28.0	42.0

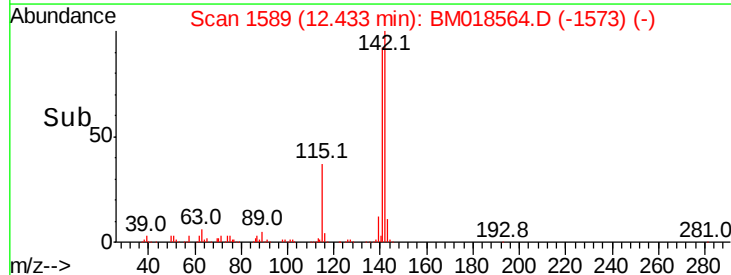
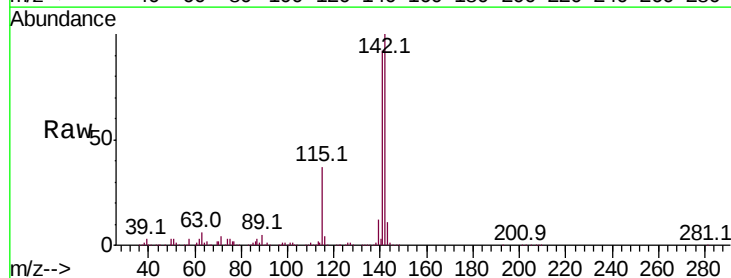
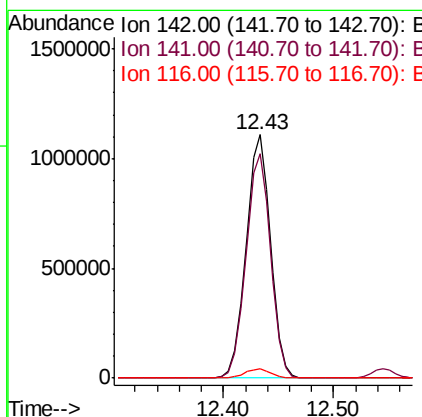
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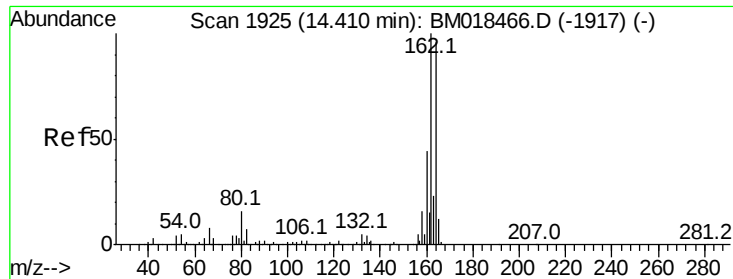
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#38
1-Methylnaphthalene
Concen: 42.065 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.6	113.4
116	3.8	3.0	4.6





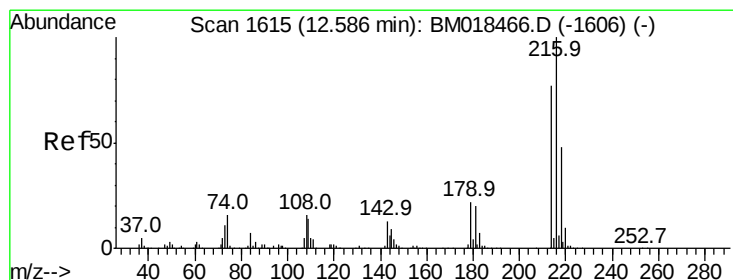
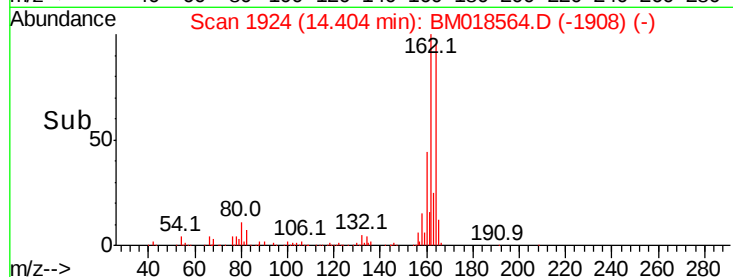
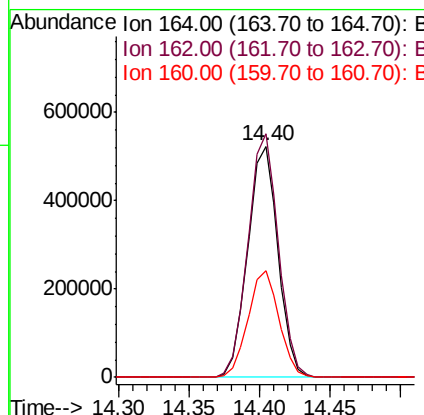
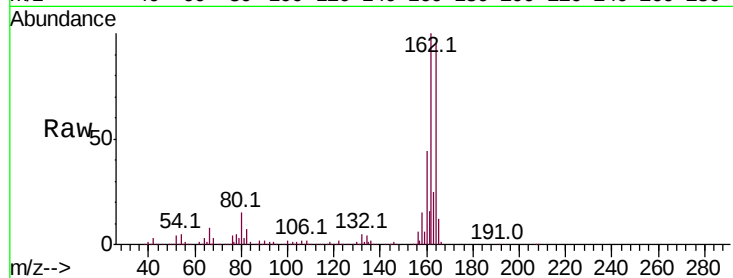
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.4
160	46.2	37.1	55.7

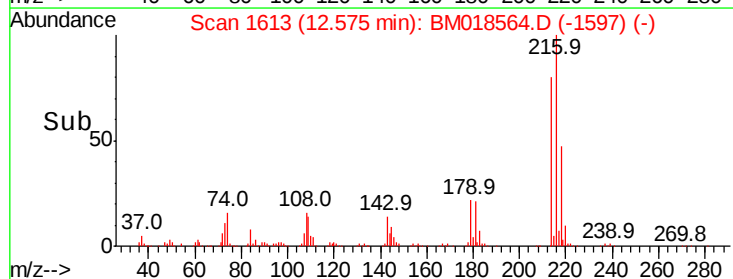
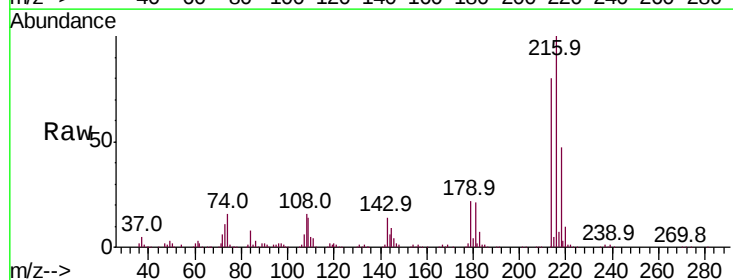
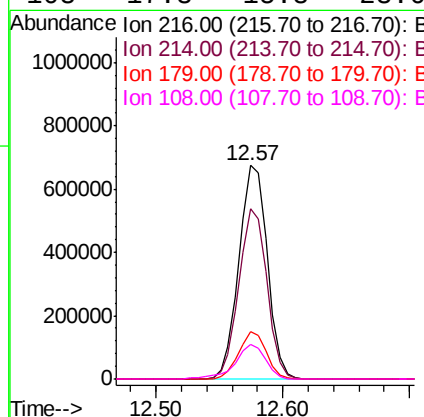
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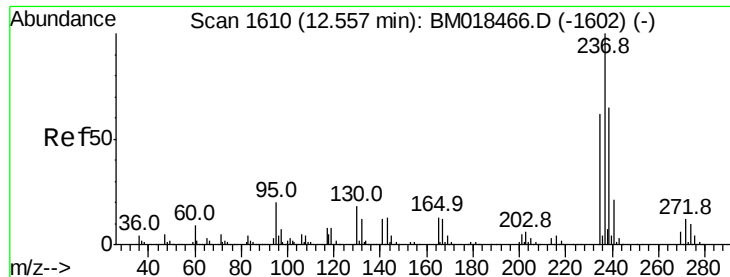
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.987 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	21.4	17.9	26.9
108	17.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 34.606 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

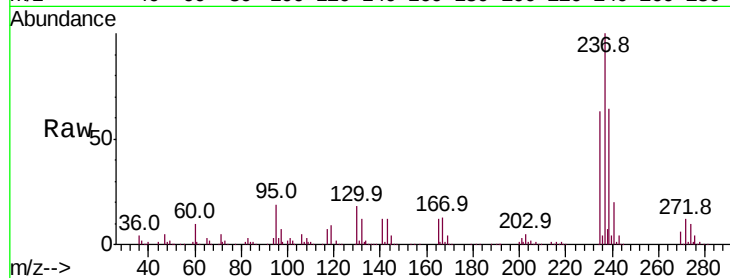
ClientSampleId :

SSTDCCC040

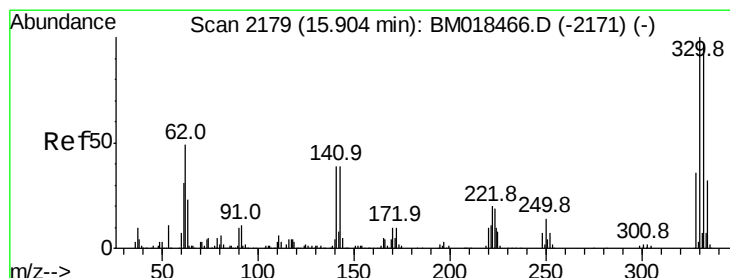
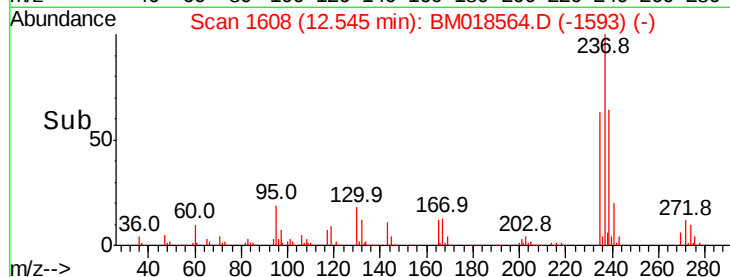
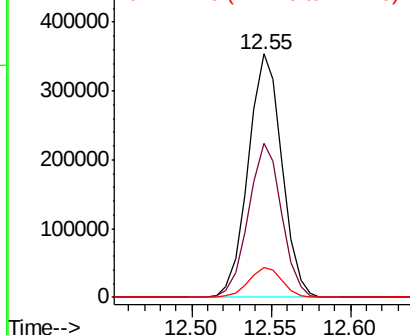
Tot Ion:	237	Resp:	522853
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.8	82.8
272	12.2	0.0	31.9

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: 95.226 ng

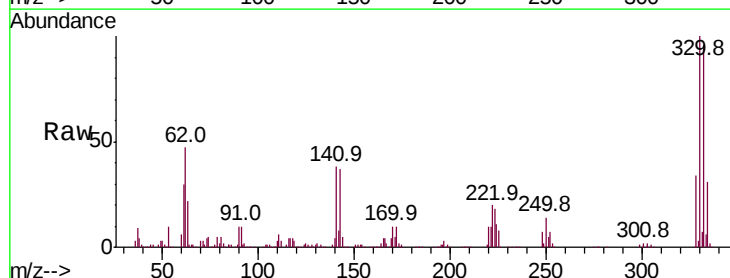
RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

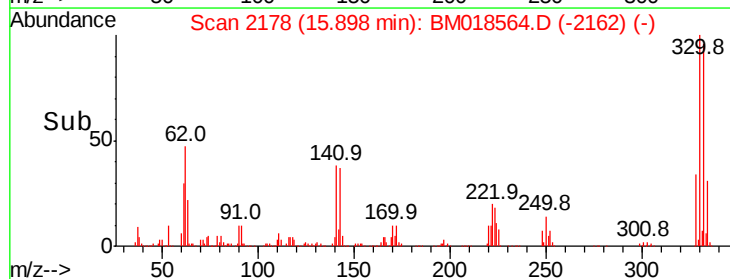
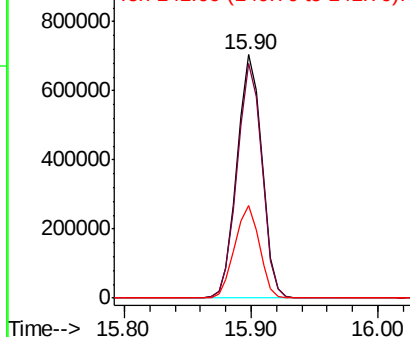
Lab File: BM018564.D

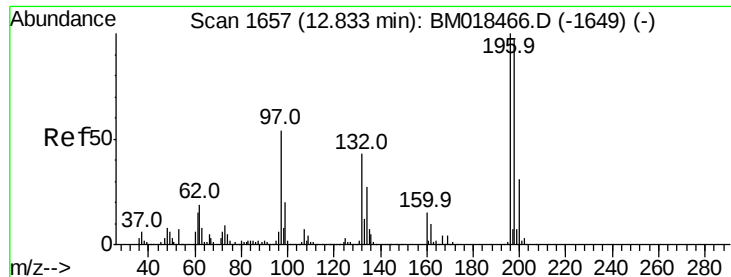
Acq: 15 Jan 2019 16:57

Tgt Ion:	330	Resp:	954525
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.6	116.4
141	38.0	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





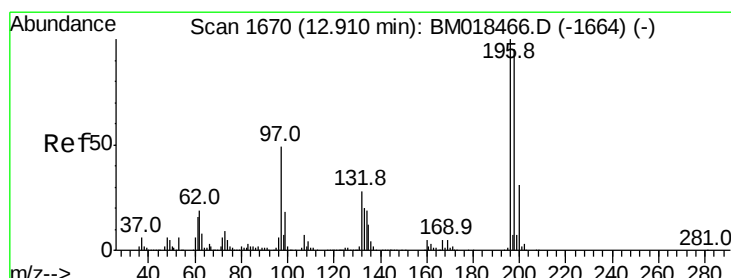
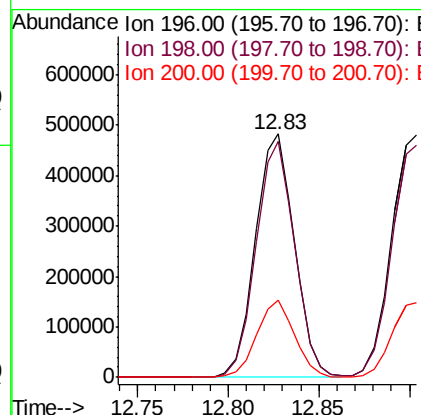
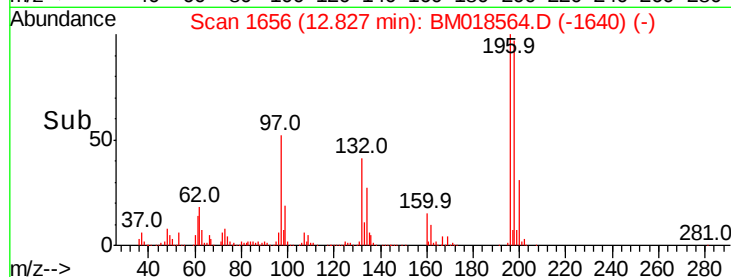
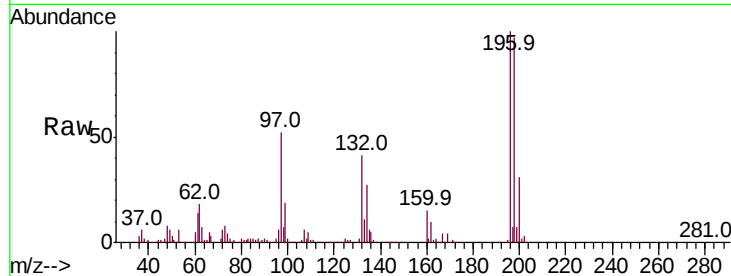
#43
 2,4,6-Trichlorophenol
 Concen: 43.150 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	721358		
198	96.7	76.6	115.0	
200	31.5	24.2	36.4	

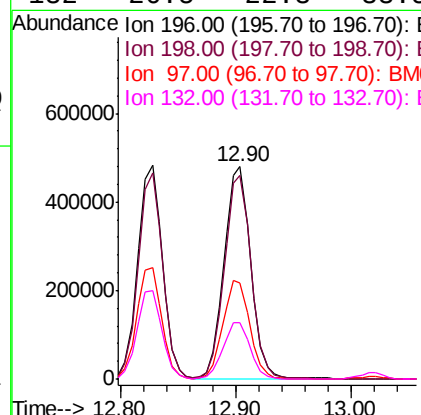
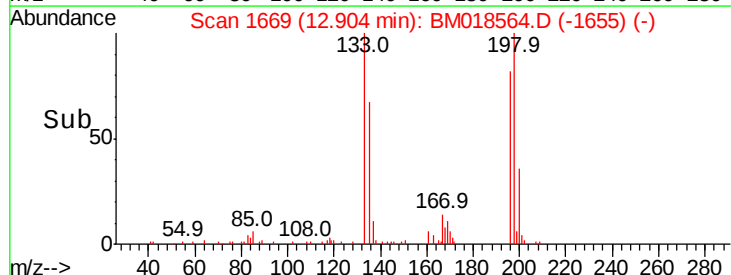
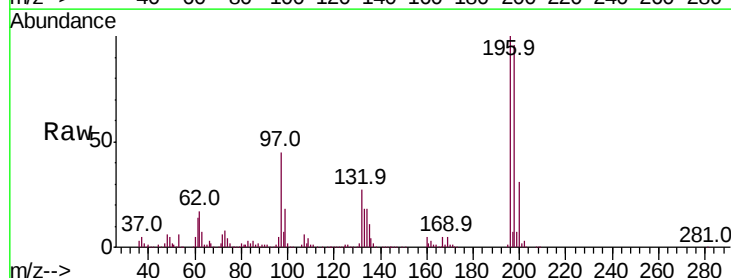
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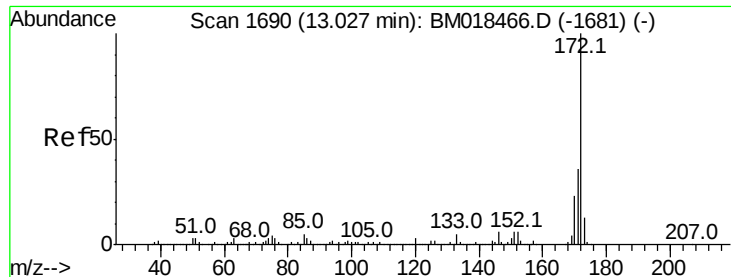
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#44
 2,4,5-Trichlorophenol
 Concen: 43.324 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	761725		
198	96.2	76.7	115.1	
97	45.2	39.2	58.8	
132	26.5	22.3	33.5	





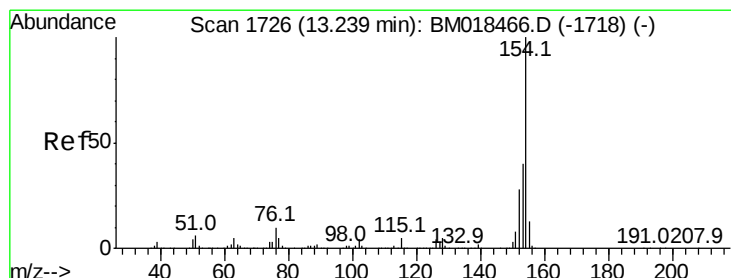
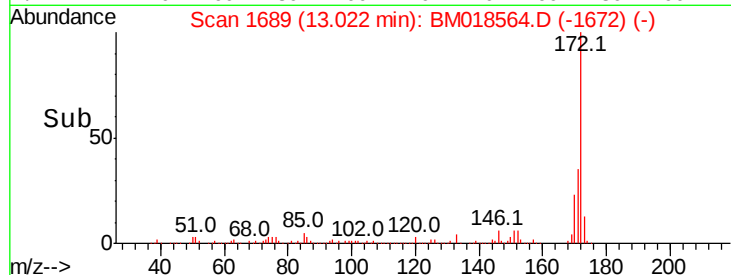
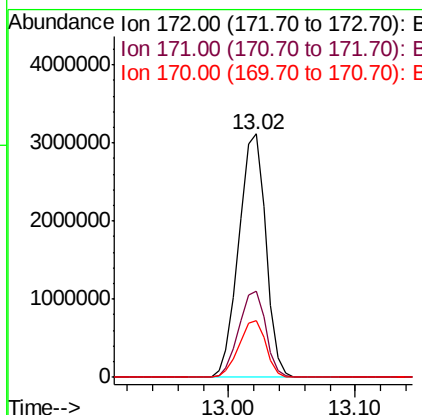
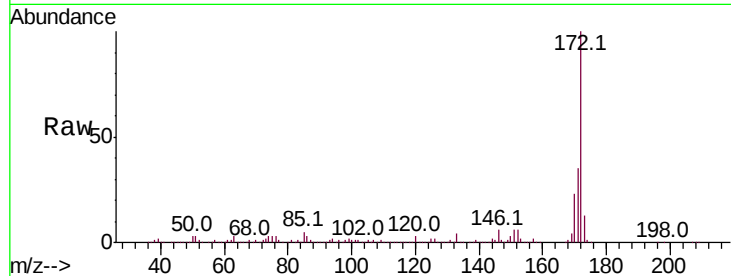
#45
2-Fluorobiphenyl
Concen: 76.247 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 4600065
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.2 18.9 28.3

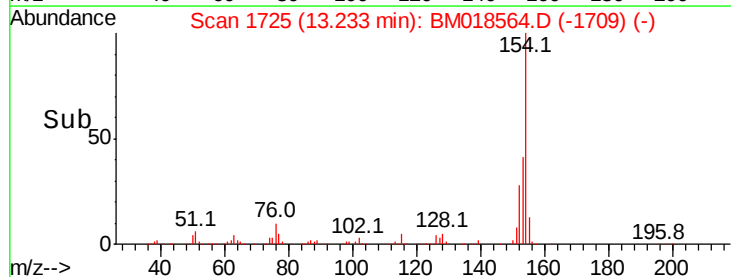
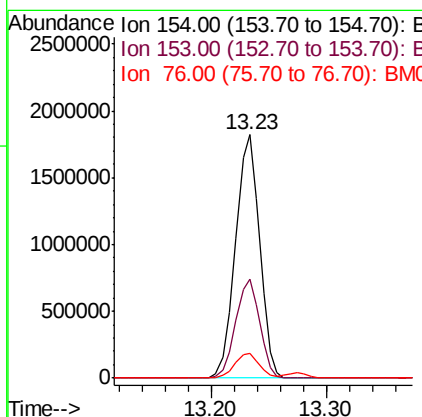
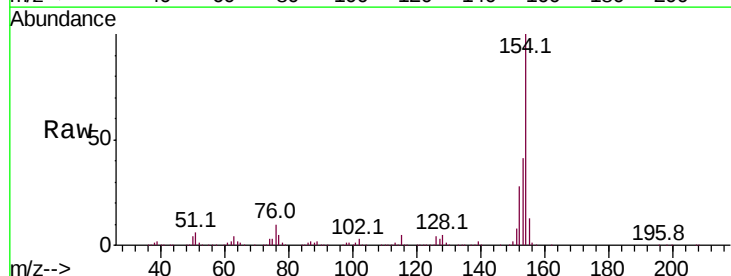
Manual Integrations
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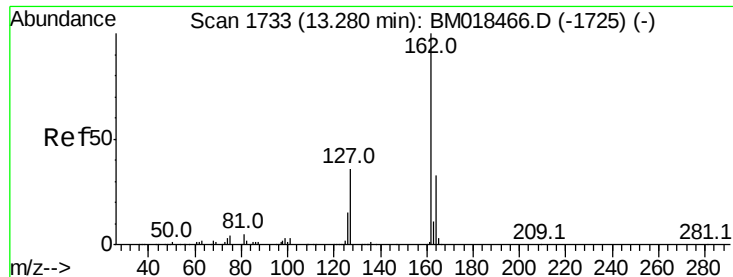
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#46
1,1'-Biphenyl
Concen: 38.159 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion:154 Resp: 2622974
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 10.3 0.0 31.9





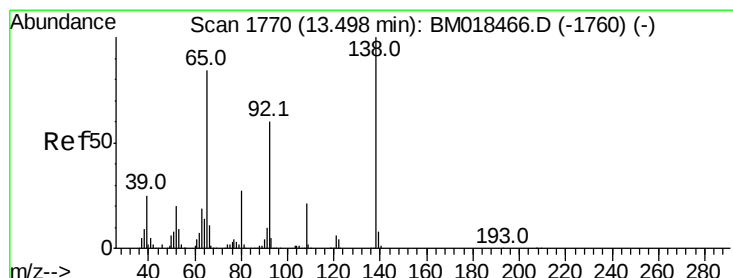
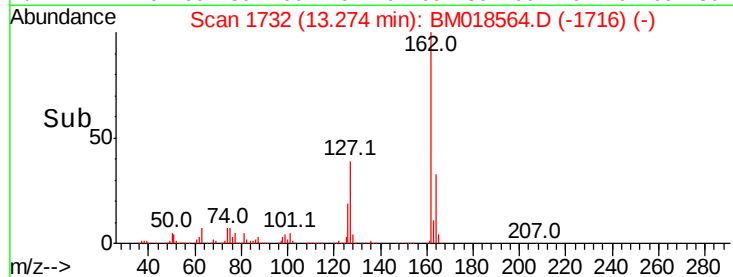
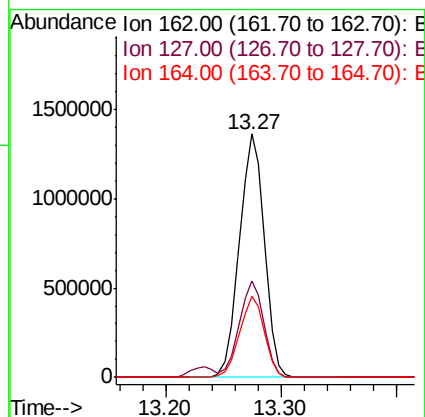
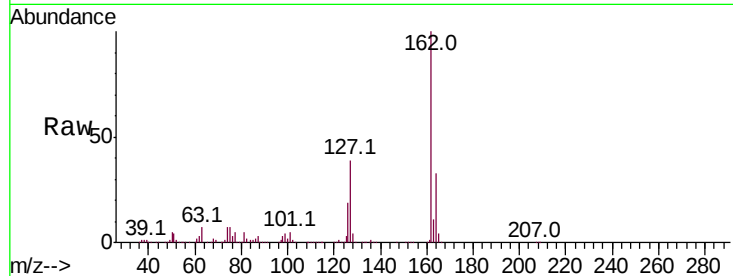
#47
2-Chloronaphthalene
Concen: 38.167 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.4	47.0
164	33.0	26.2	39.4

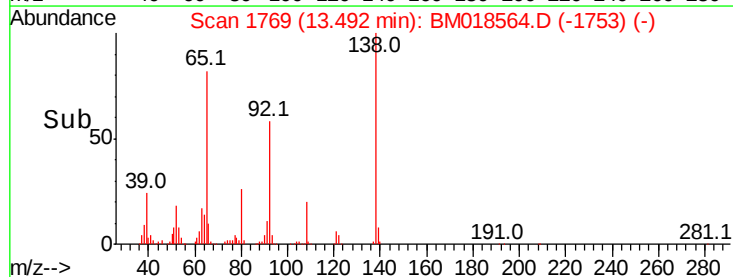
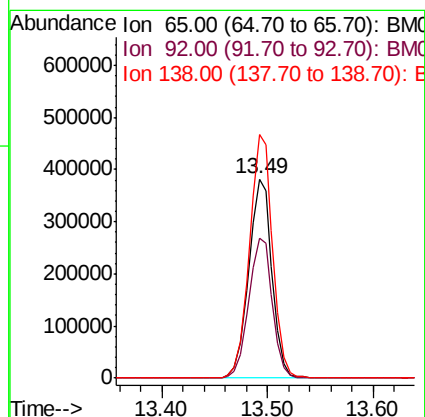
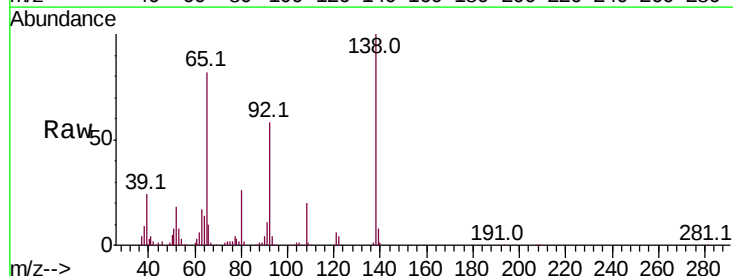
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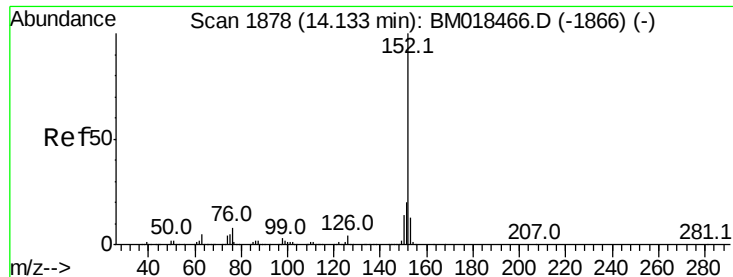
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#48
2-Nitroaniline
Concen: 44.469 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.4	80.2
138	122.5	88.9	133.3





#49

Acenaphthylene

Concen: 40.413 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

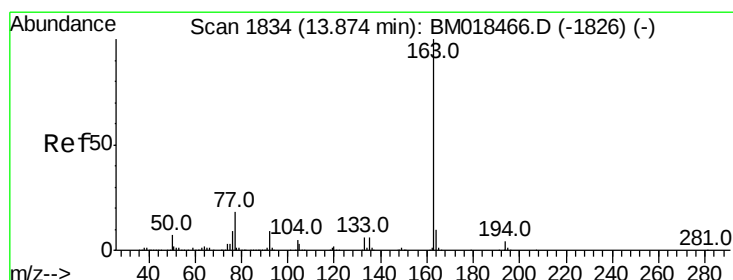
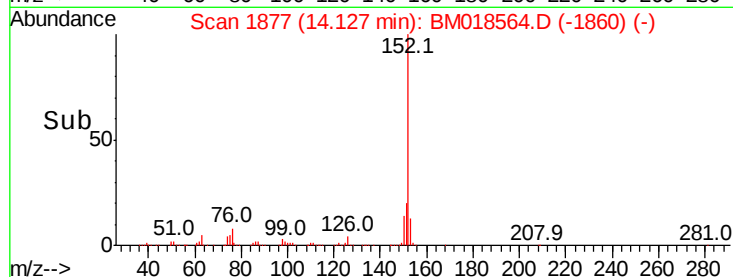
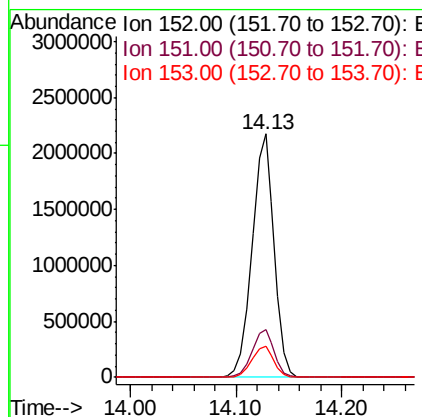
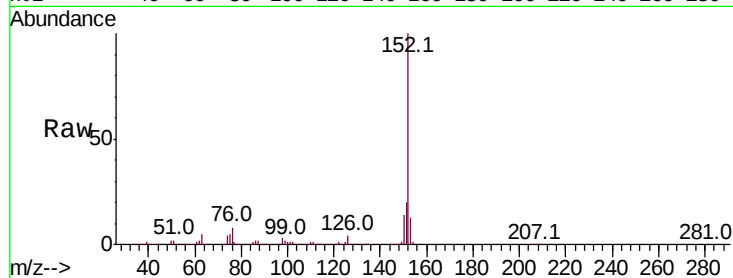
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	3139233
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.423 ng

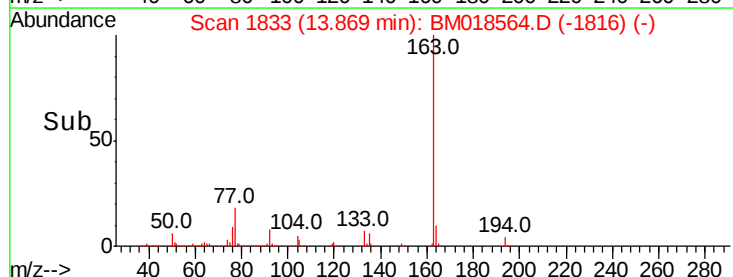
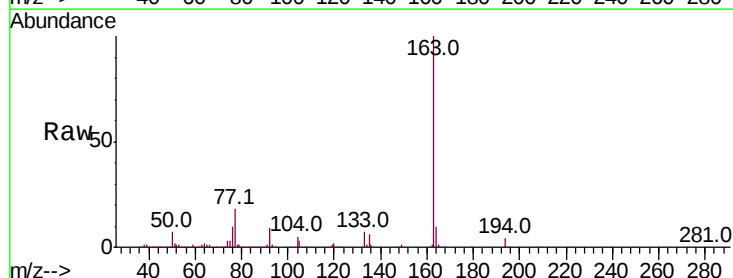
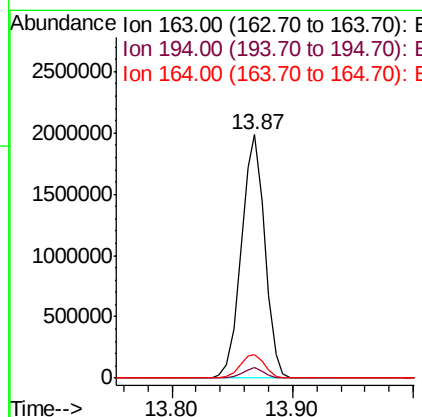
RT: 13.87 min Scan# 1833

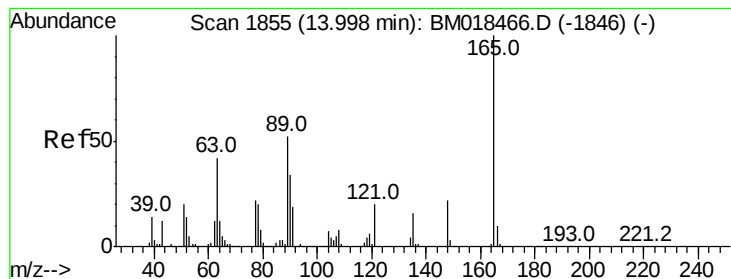
Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:	163	Resp:	2678141
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.9	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 44.335 ng

RT: 13.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

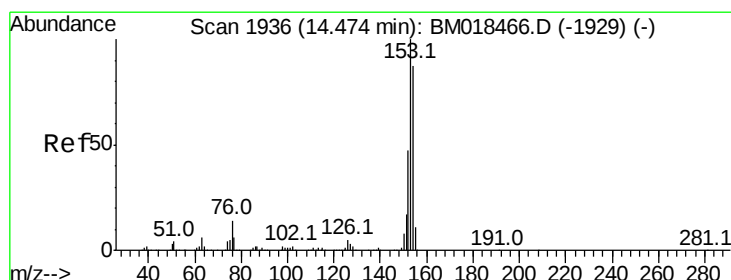
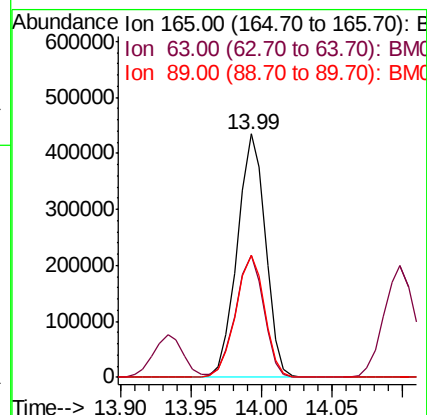
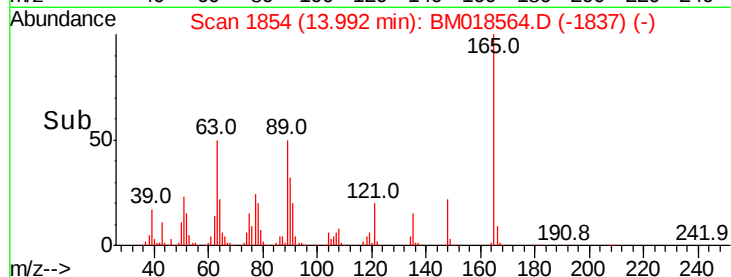
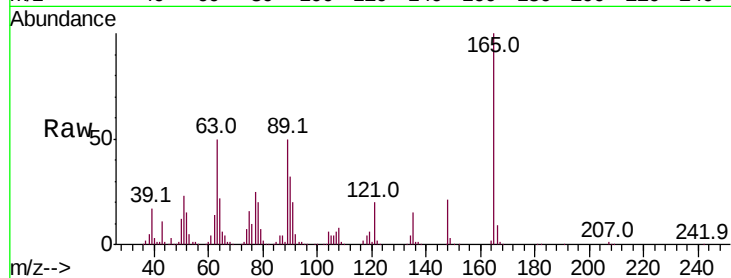
SSTDCCC040

Tot Ion:165 Resp: 607171
Ion Ratio Lower Upper

165	100		
63	49.9	45.6	68.4
89	50.0	44.6	66.8

Manual Integrations
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#52

Acenaphthene

Concen: 39.635 ng

RT: 14.47 min Scan# 1935

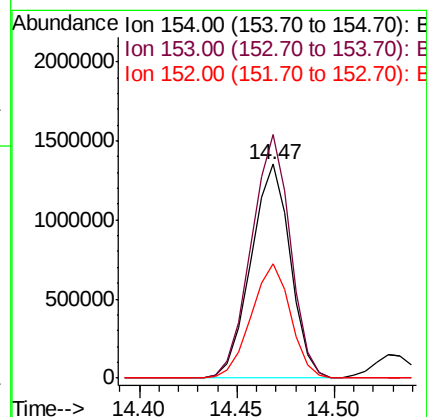
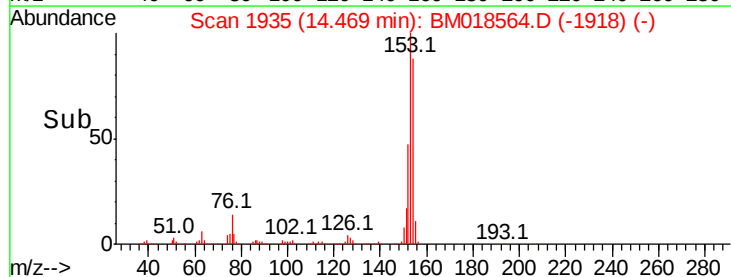
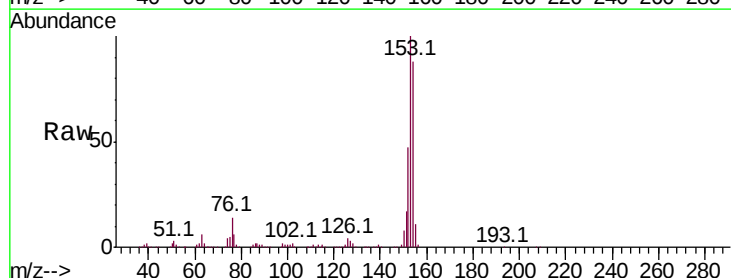
Delta R.T. -0.00 min

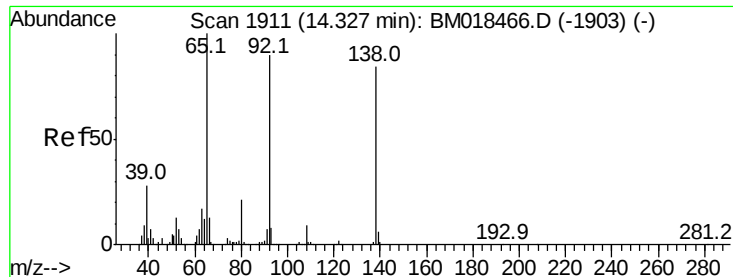
Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:154 Resp: 1883838
Ion Ratio Lower Upper

154	100		
153	114.0	92.3	138.5
152	53.3	43.8	65.6





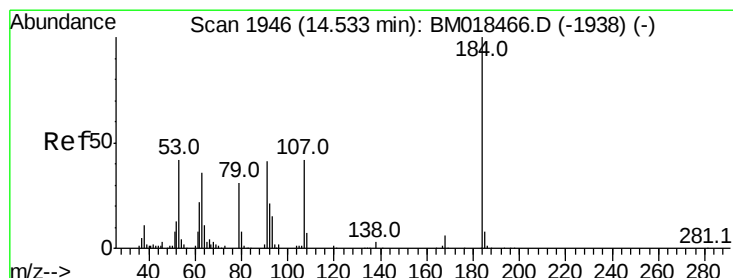
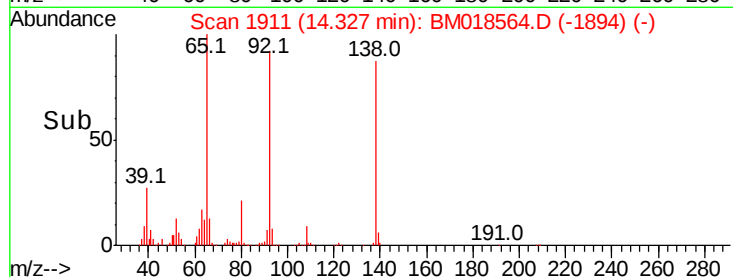
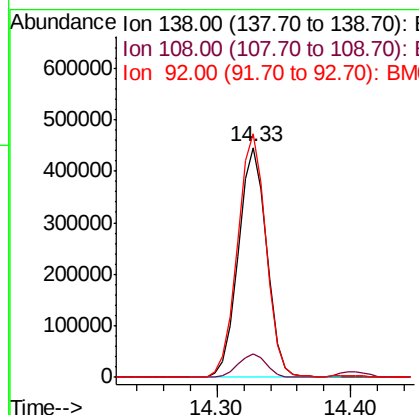
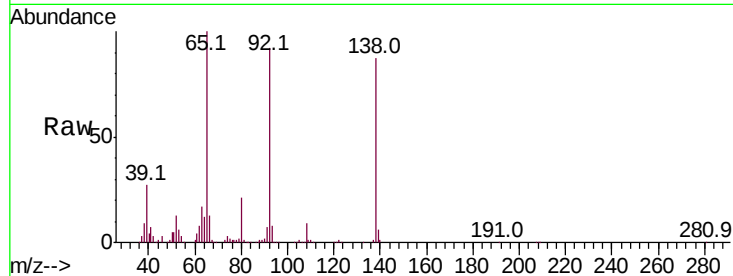
#53
3-Nitroaniline
Concen: 47.526 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	105.9	88.2	132.2

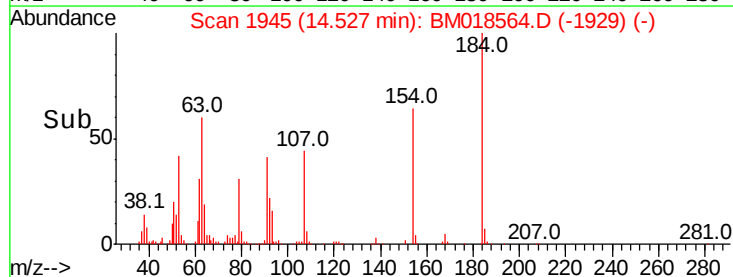
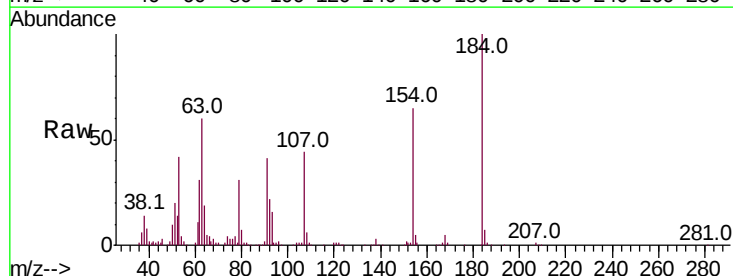
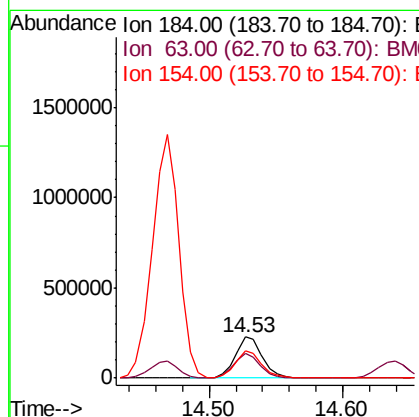
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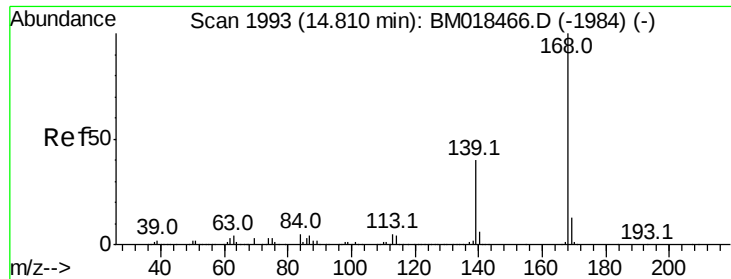
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#54
2,4-Dinitrophenol
Concen: 46.980 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	55.9	83.9
154	65.5	54.2	81.4





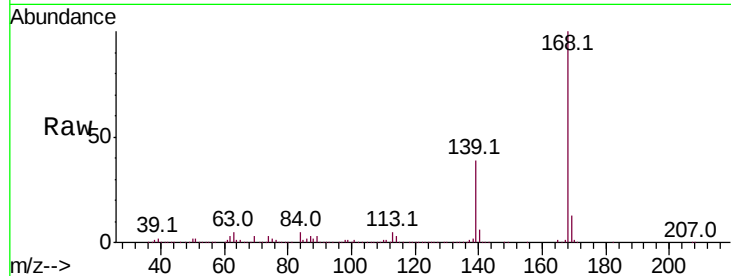
#55
Dibenzofuran
Concen: 39.840 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.3	45.5
169	13.4	10.6	16.0

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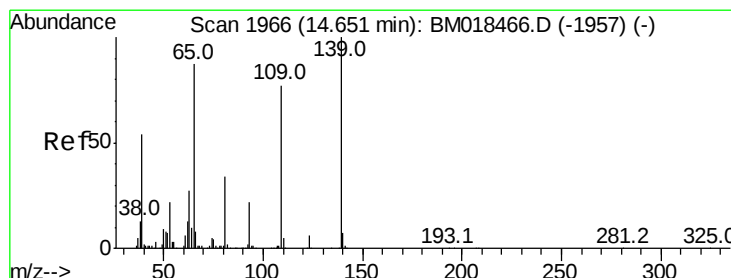
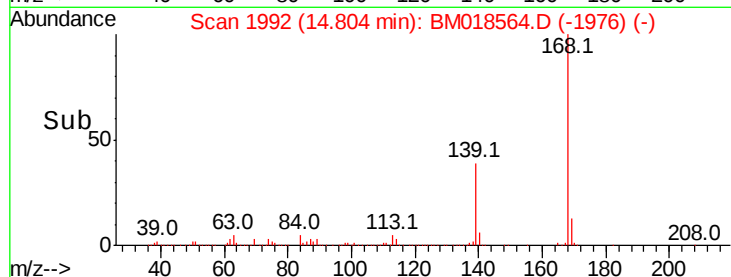
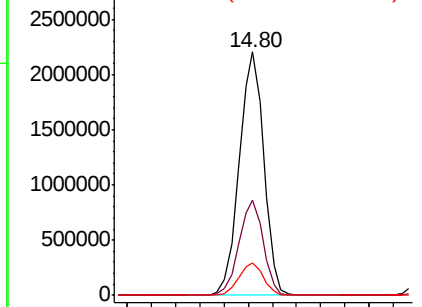


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 45.978 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

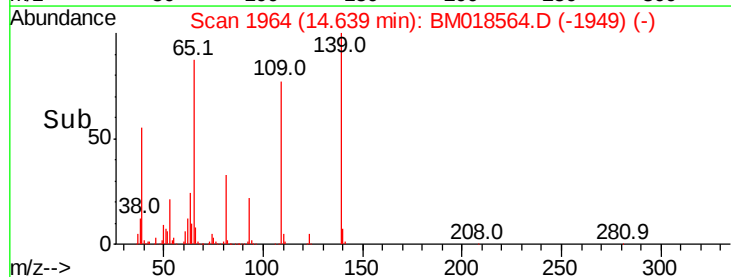
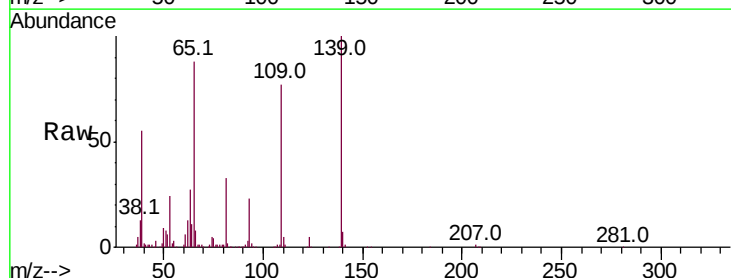
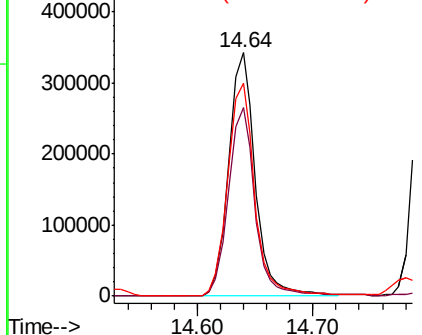
Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	51.7	91.7
65	87.5	71.4	111.4

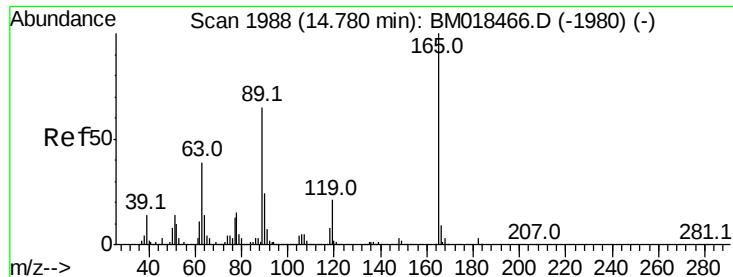
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 44.451 ng

RT: 14.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

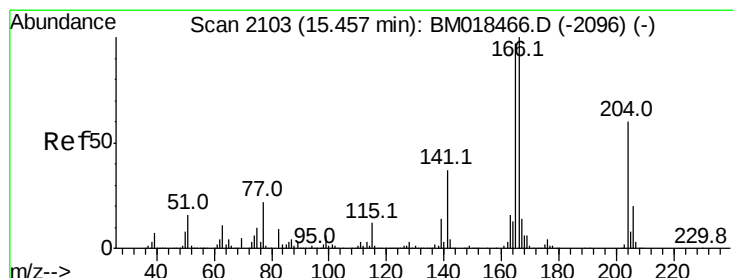
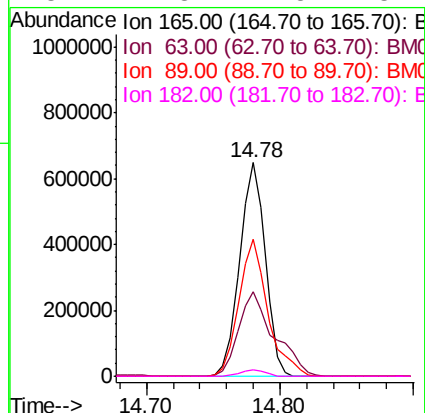
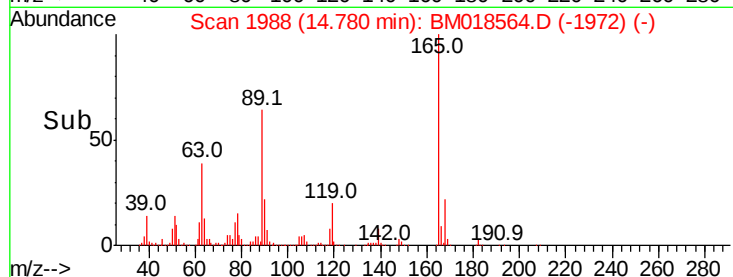
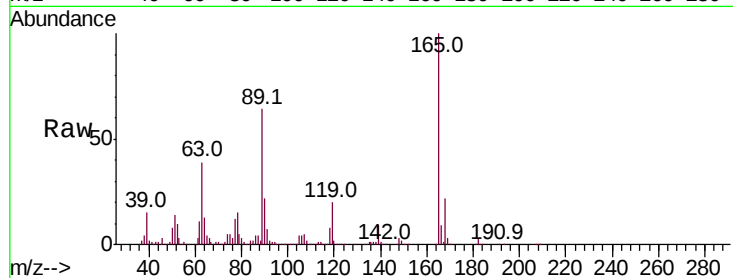
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	861326		
63	39.4	32.2	48.2	
89	64.2	52.1	78.1	
182	2.8	2.5	3.7	

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#58

Fluorene

Concen: 41.455 ng

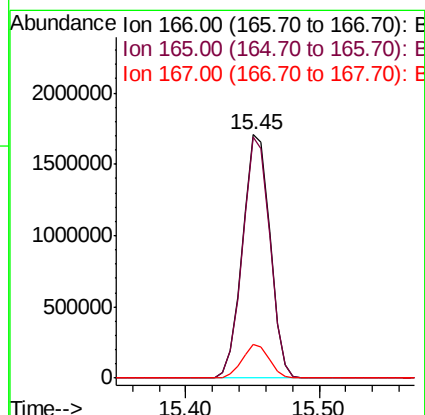
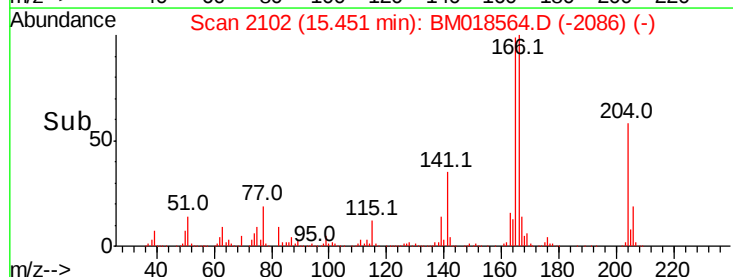
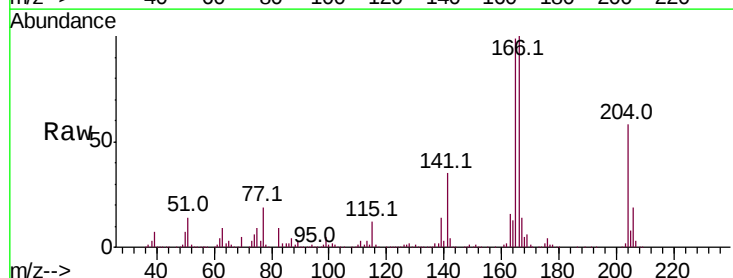
RT: 15.45 min Scan# 2102

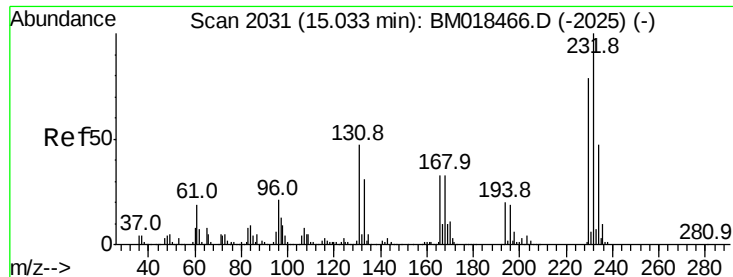
Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2425153		
165	98.8	78.3	117.5	
167	13.8	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.678 ng

RT: 15.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 711859

Ion Ratio Lower Upper

232 100

131 45.3 38.6 57.8

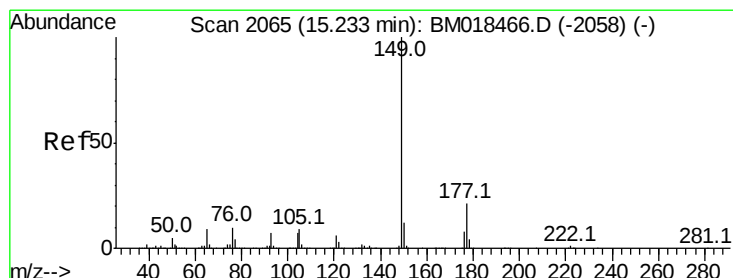
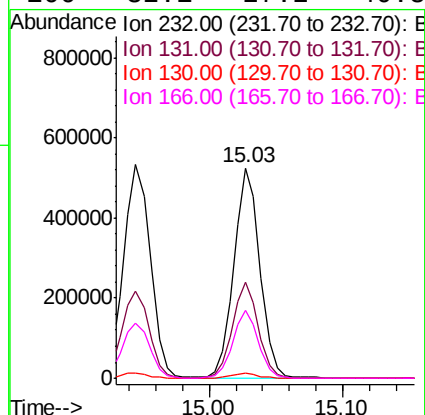
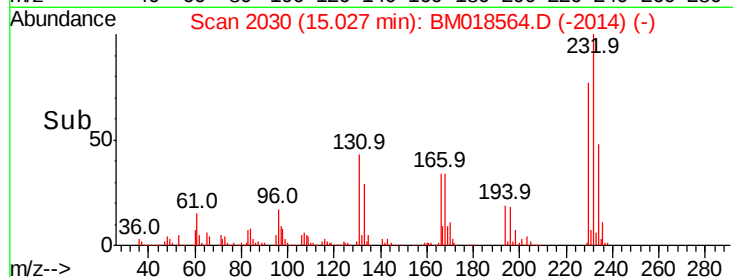
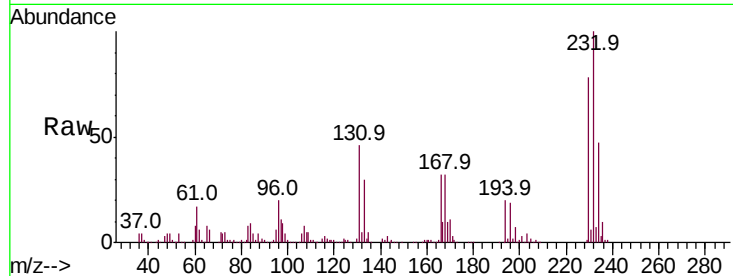
130 2.4 2.2 3.4

166 32.1 27.2 40.8

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#60

Diethylphthalate

Concen: 42.954 ng

RT: 15.23 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

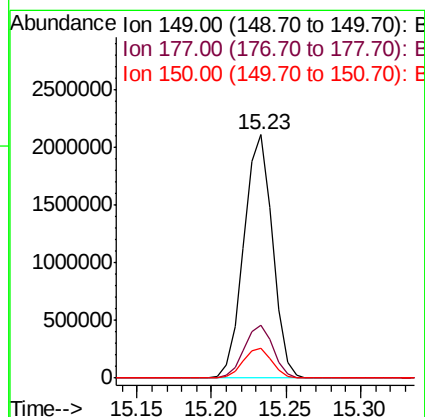
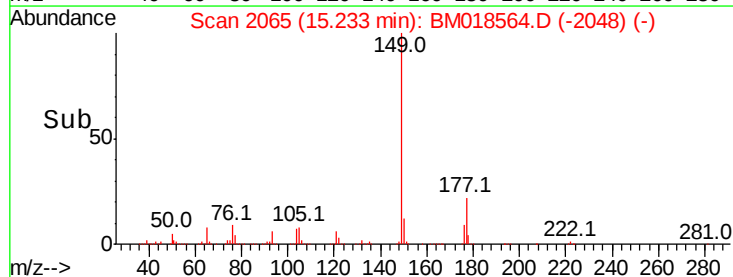
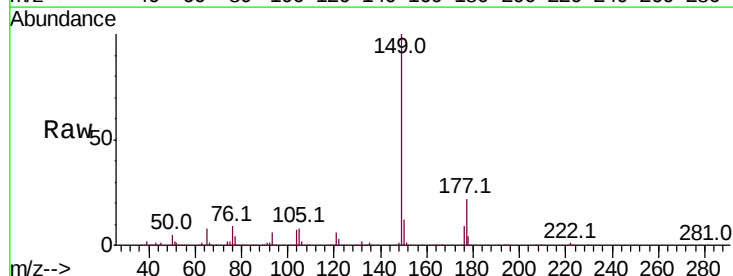
Tgt Ion:149 Resp: 2803560

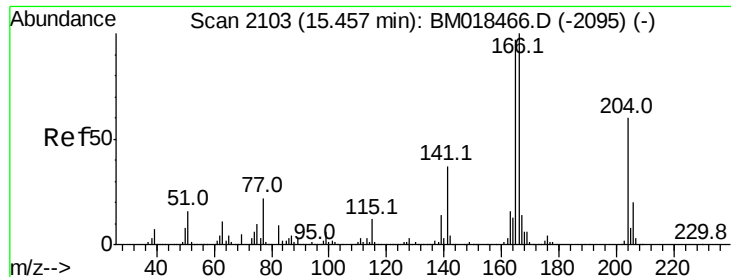
Ion Ratio Lower Upper

149 100

177 21.8 17.1 25.7

150 12.5 9.8 14.6





#61

4-Chlorophenyl-phenylether

Concen: 40.579 ng

RT: 15.45 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:204 Resp: 1368183

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

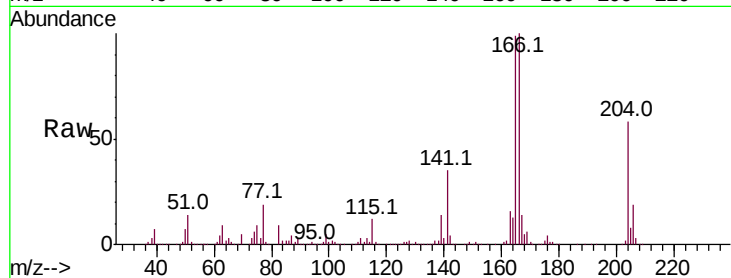
141 59.9 49.5 74.3

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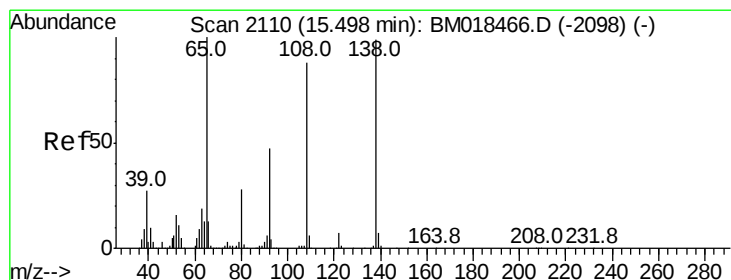
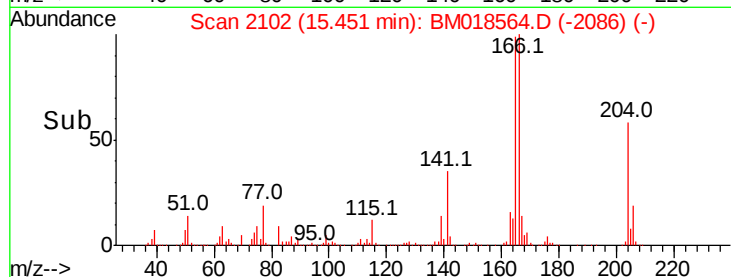
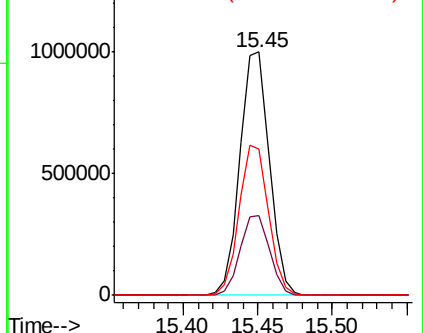
1/16/2019 2:07:30 PM



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.584 ng

RT: 15.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

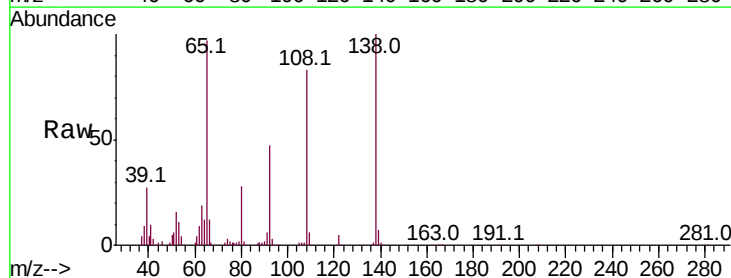
Tgt Ion:138 Resp: 671426

Ion Ratio Lower Upper

138 100

92 47.1 29.0 69.0

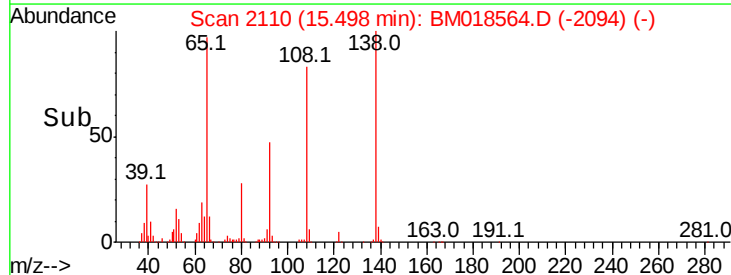
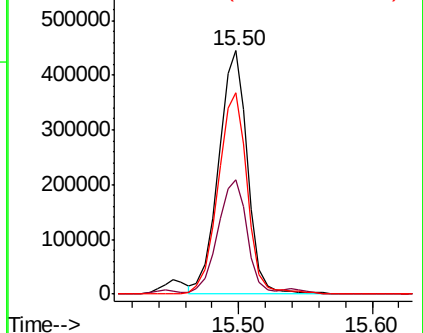
108 82.8 63.9 103.9

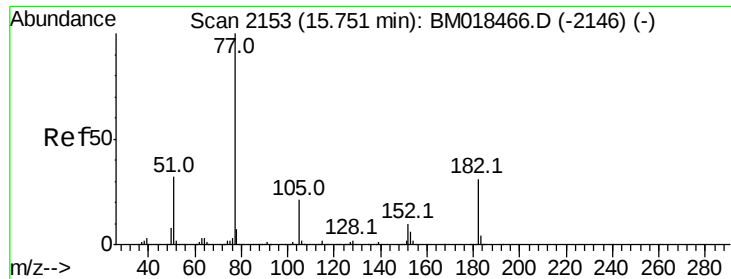


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





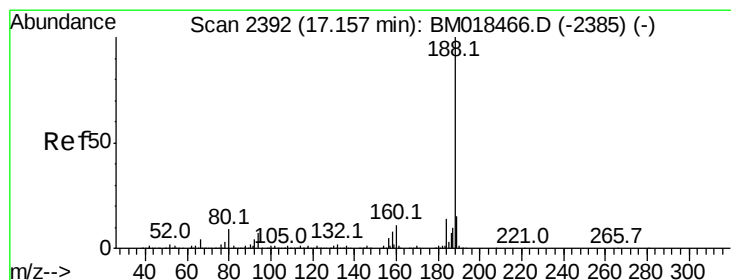
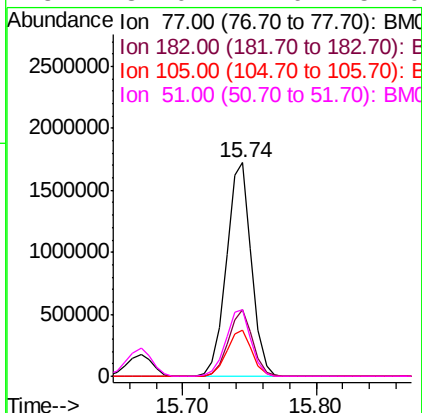
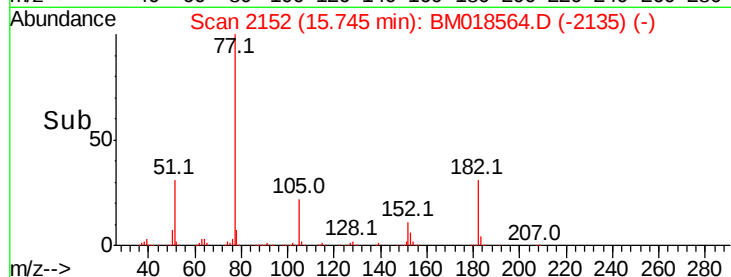
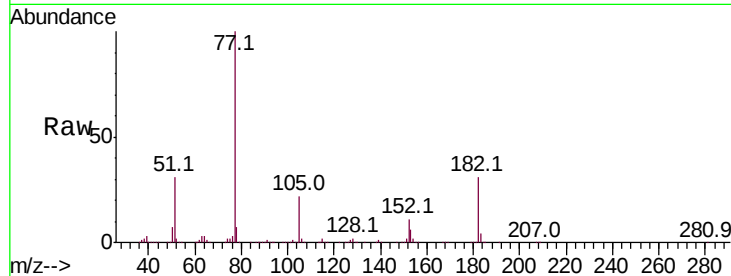
#63
Azobenzene
Concen: 42.165 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.3	7.4	47.4	
105	21.9	0.0	39.6	
51	31.0	12.0	52.0	

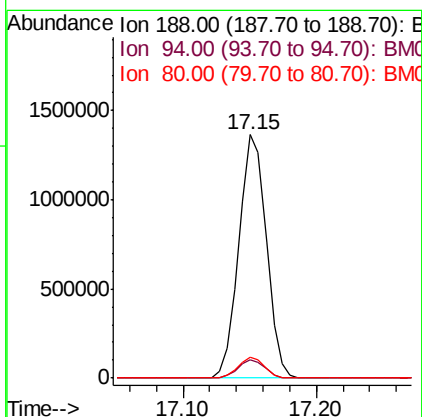
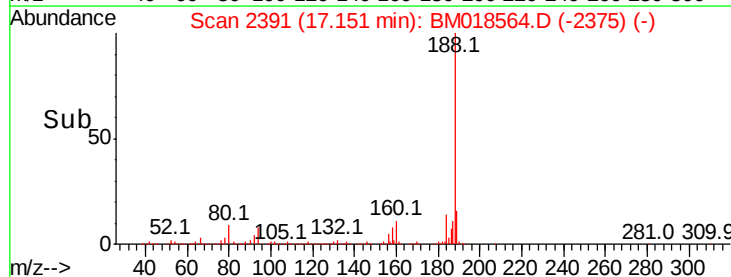
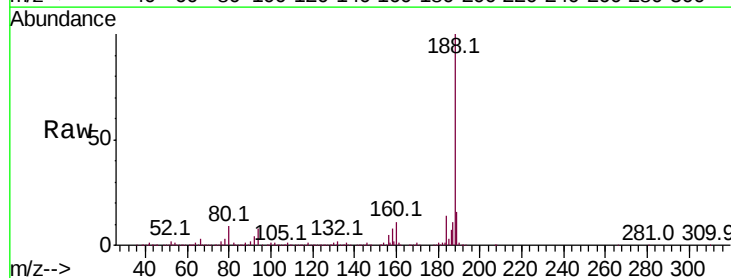
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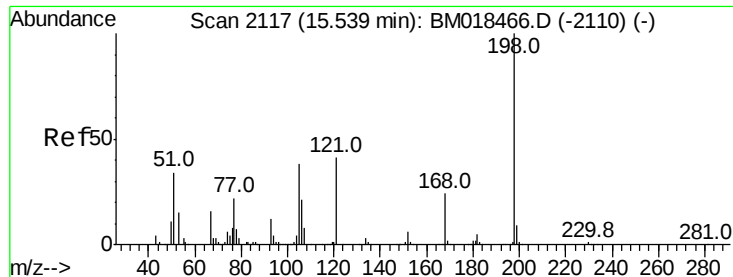
Sohil
1/16/2019 2:07:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	7.1	10.7	
80	8.6	7.6	11.4	





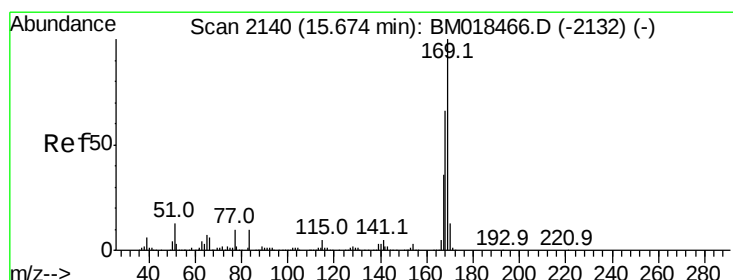
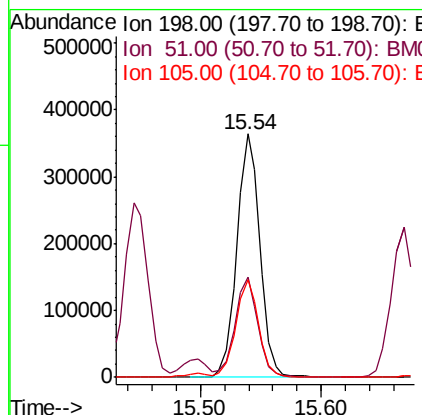
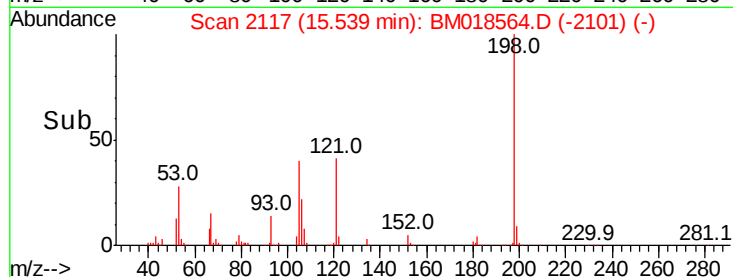
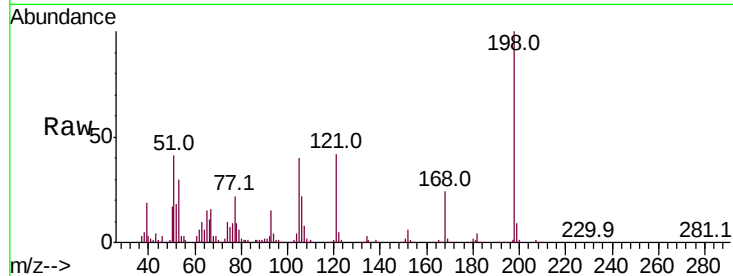
#65
4,6-Dinitro-2-methylphenol
Concen: 40.247 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	485713		
51	40.9	29.6	69.6	
105	40.3	25.5	65.5	

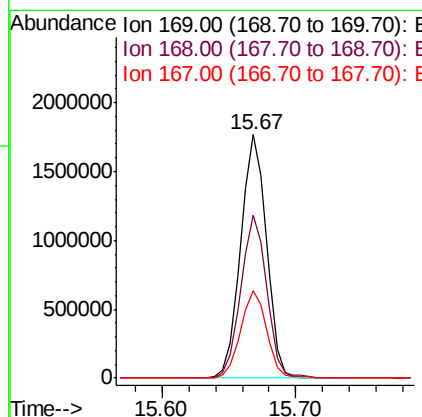
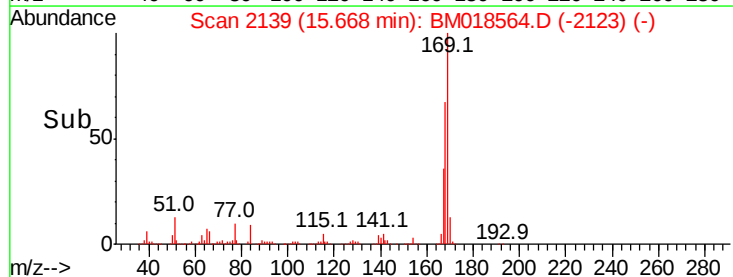
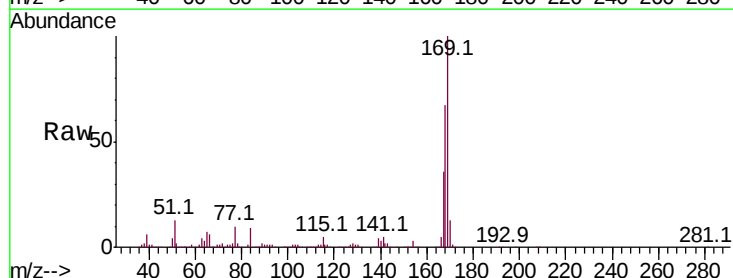
Manual Integrations
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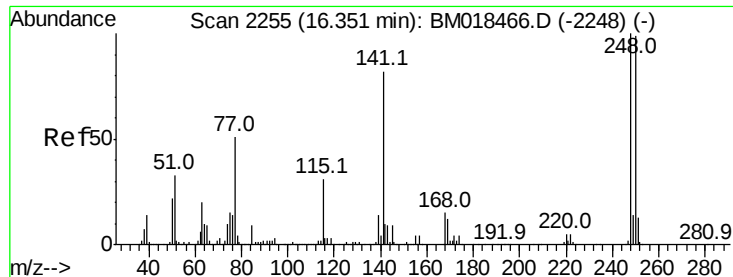
Sohil
1/16/2019 2:07:30 PM



#66
n-Nitrosodiphenylamine
Concen: 39.125 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2355362		
168	67.1	54.1	81.1	
167	36.0	28.6	42.8	





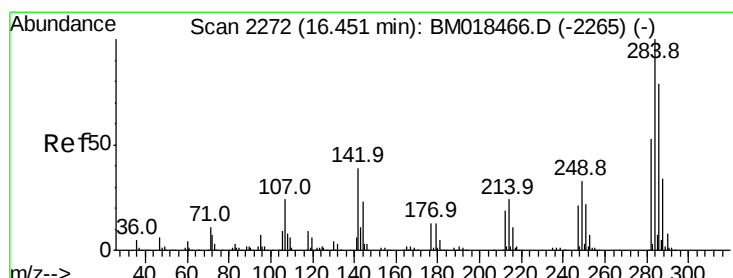
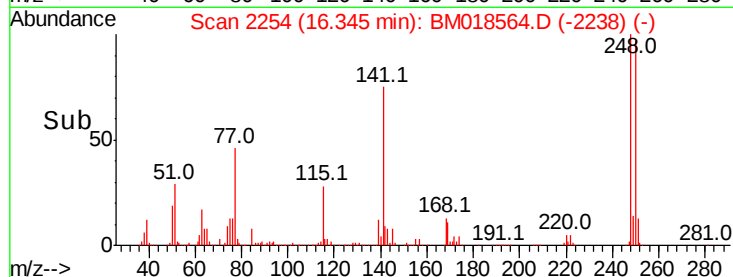
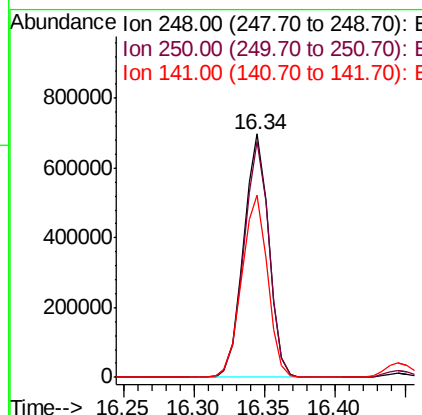
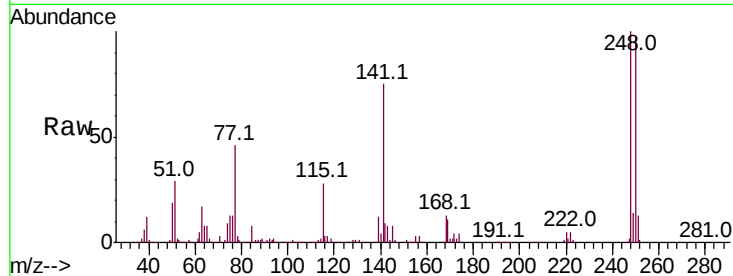
#67
4-Bromophenyl-phenylether
Concen: 40.078 ng
RT: 16.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.0	114.0
141	74.9	61.5	92.3

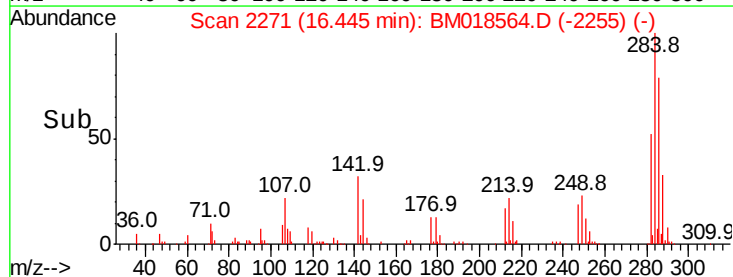
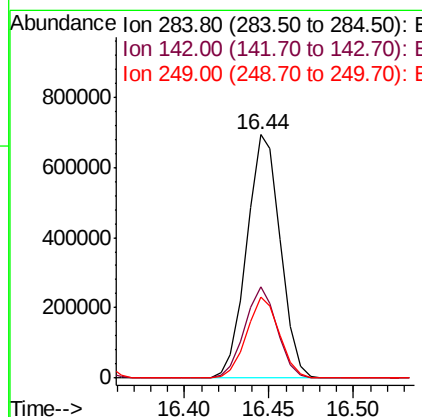
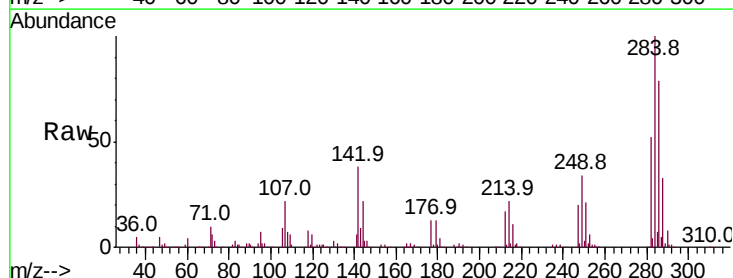
Manual Integrations
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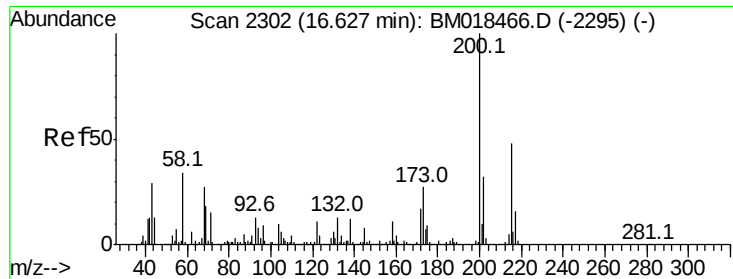
Sohil
1/16/2019 2:07:30 PM



#68
Hexachlorobenzene
Concen: 39.508 ng
RT: 16.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	29.2	43.8
249	33.5	26.1	39.1





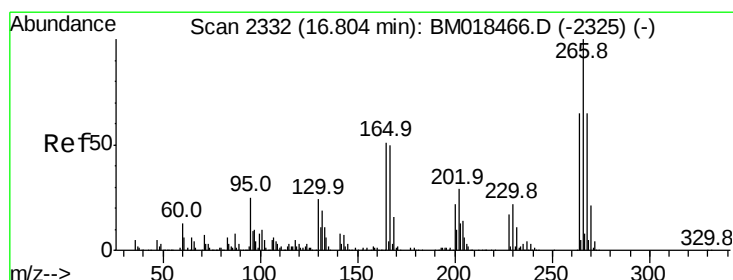
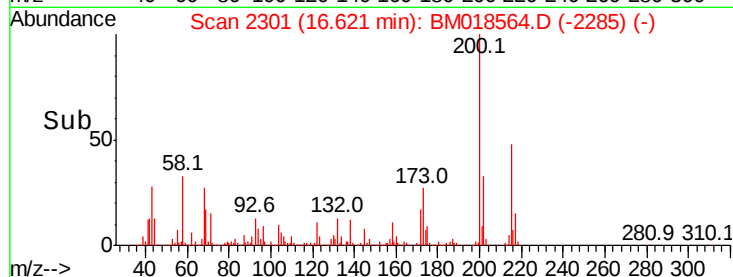
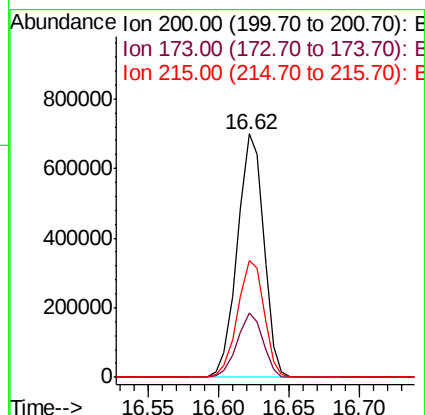
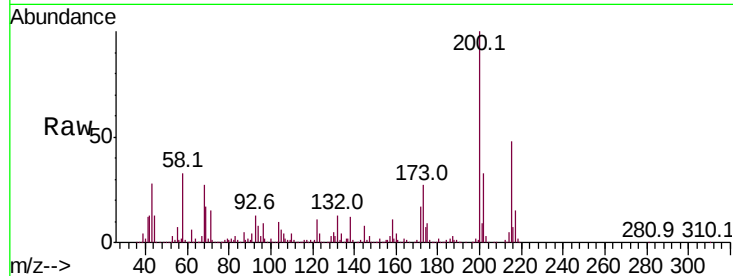
#69
Atrazine
Concen: 41.927 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.2	47.2
215	48.2	28.3	68.3

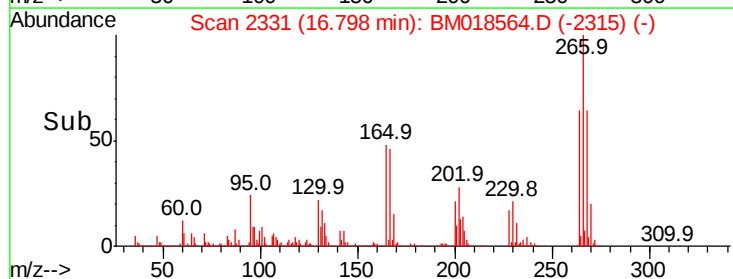
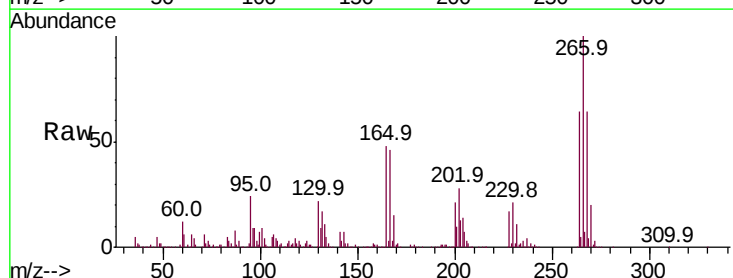
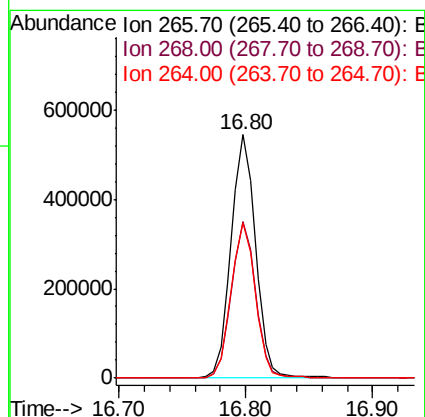
Manual Integrations
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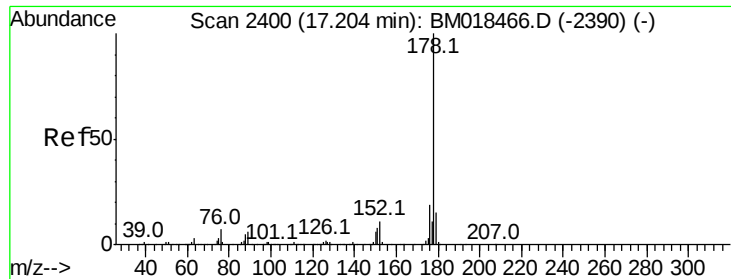
Sohil
1/16/2019 2:07:30 PM



#70
Pentachlorophenol
Concen: 45.847 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.8	74.6
264	64.0	50.1	75.1





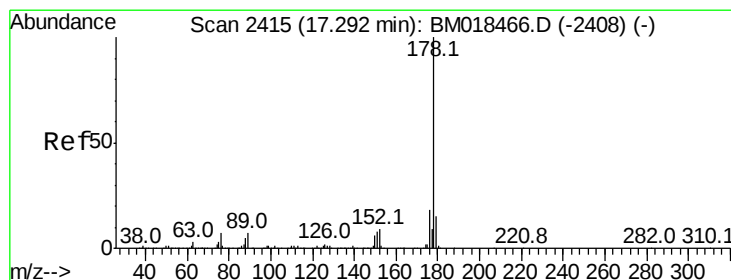
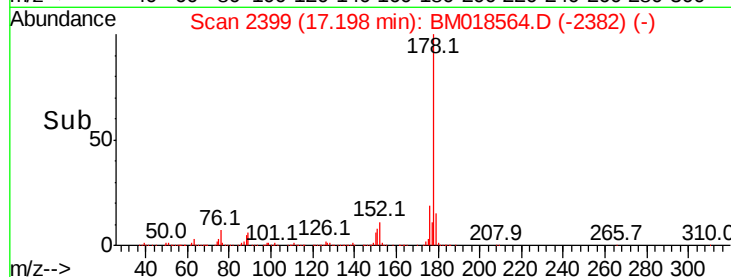
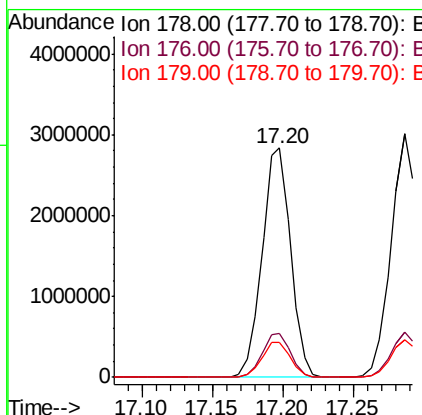
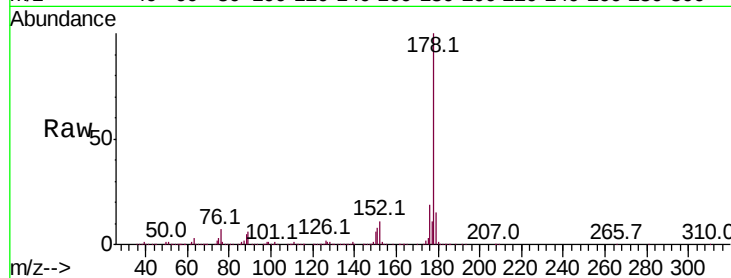
#71
Phenanthrene
Concen: 39.117 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 4037964
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.2 18.4

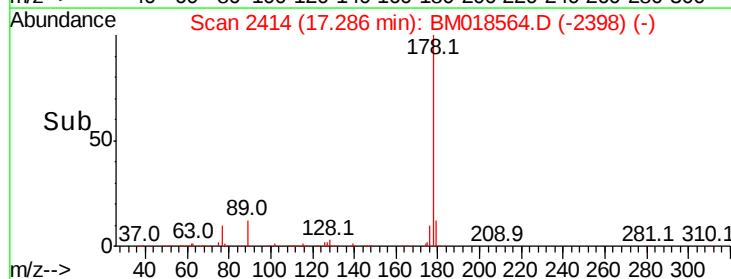
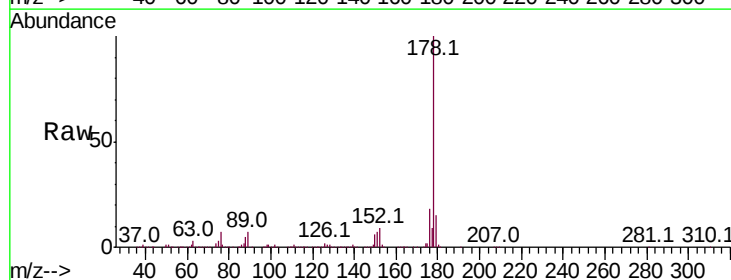
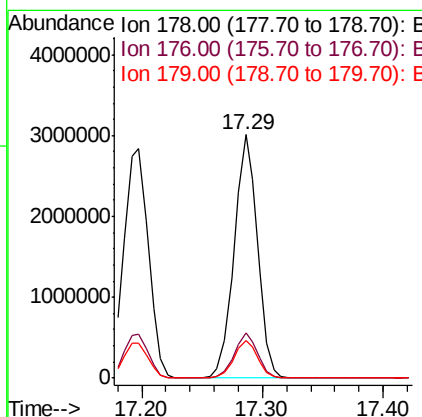
Manual Integrations
APPROVED

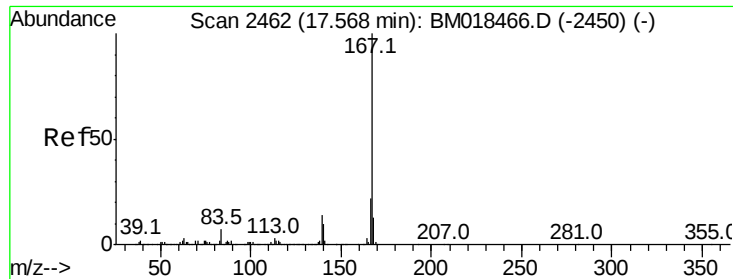
Sohil
1/16/2019 2:07:30 PM



#72
Anthracene
Concen: 40.752 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion:178 Resp: 4045229
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.4





#73

Carbazole

Concen: 41.718 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 4254497

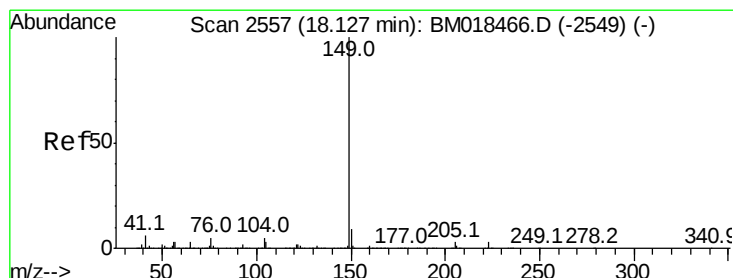
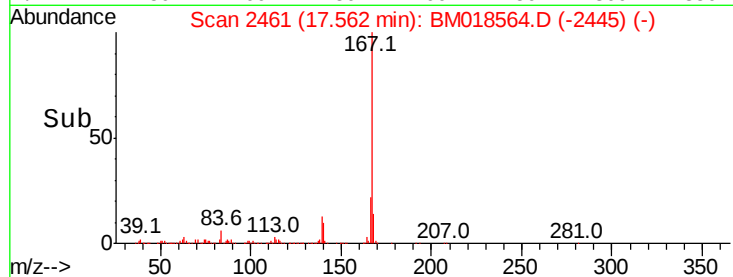
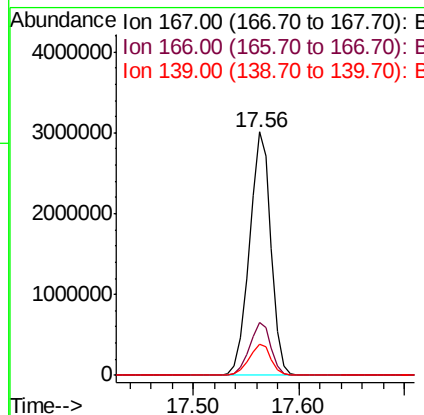
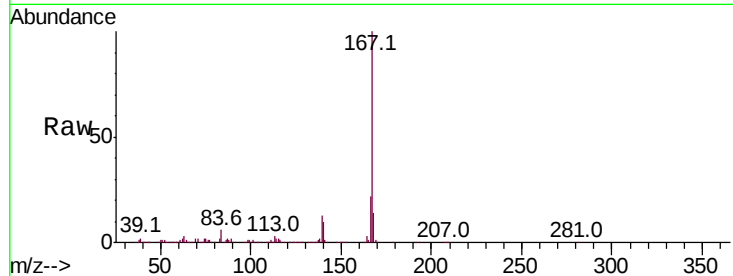
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.0	10.6	16.0

Manual Integrations

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Sohil

1/16/2019 2:07:30 PM



#74

Di-n-butylphthalate

Concen: 44.937 ng

RT: 18.12 min Scan# 2555

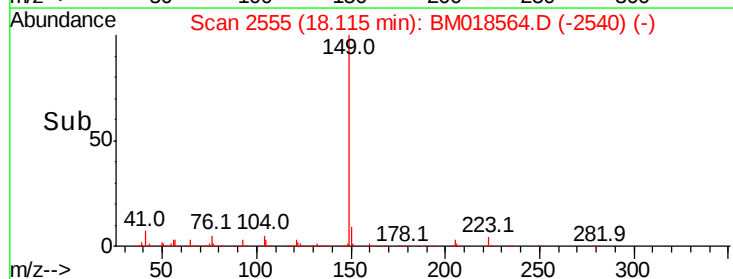
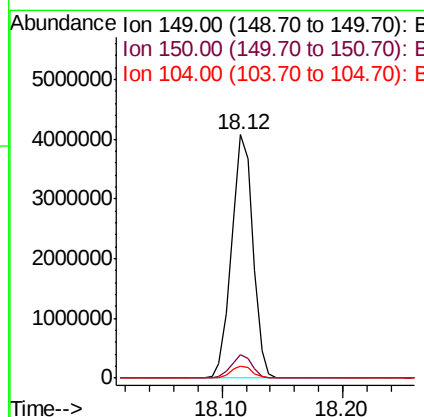
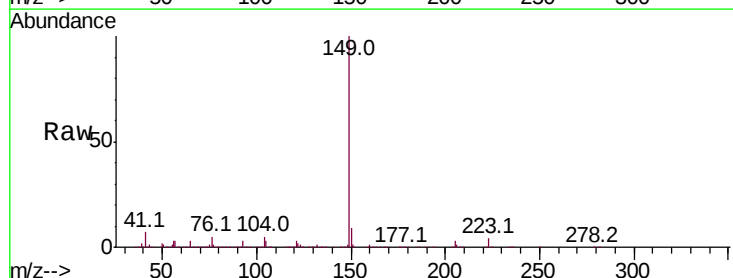
Delta R.T. -0.01 min

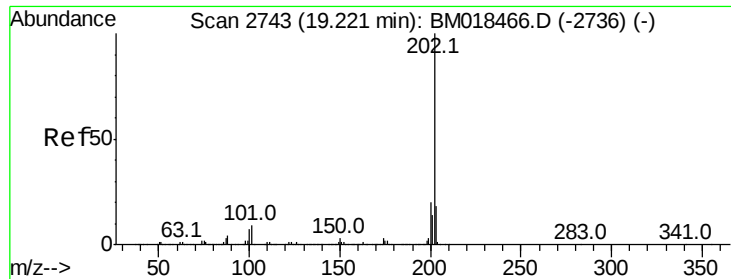
Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:149 Resp: 5019845

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.1	4.2	6.4





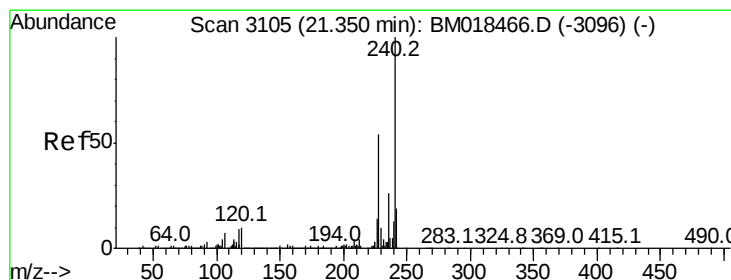
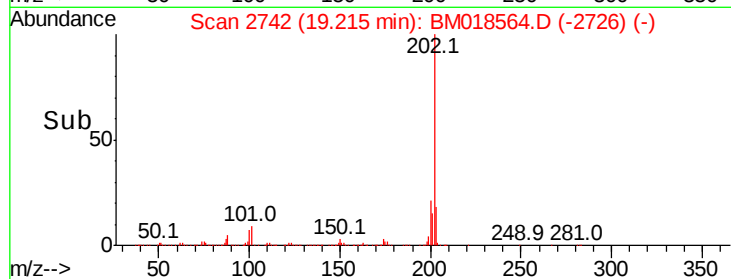
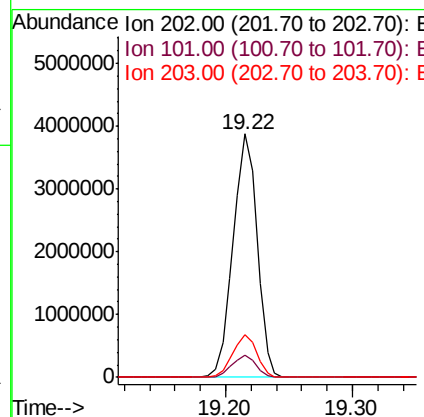
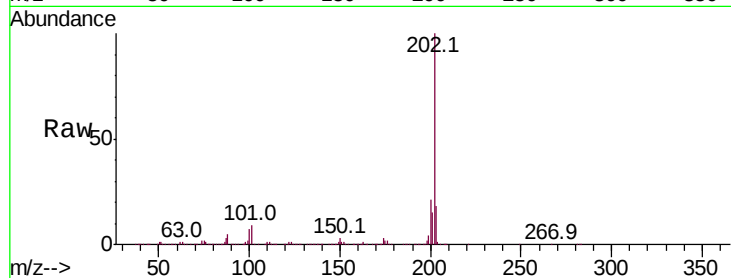
#75
 Fluoranthene
 Concen: 42.377 ng
 RT: 19.22 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.9
203	17.5	0.0	37.4

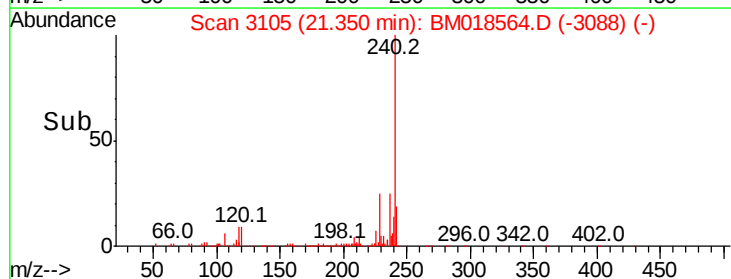
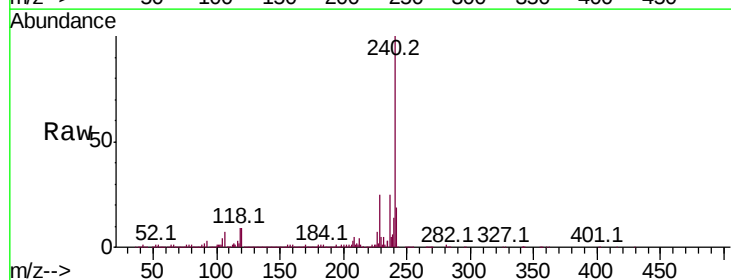
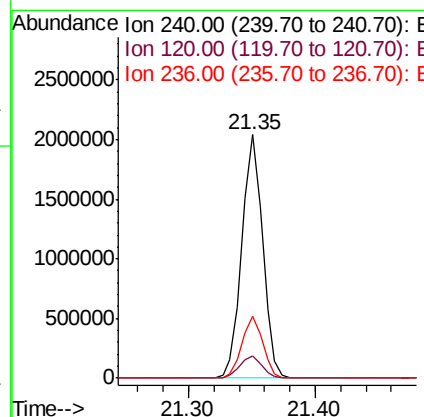
Manual Integrations
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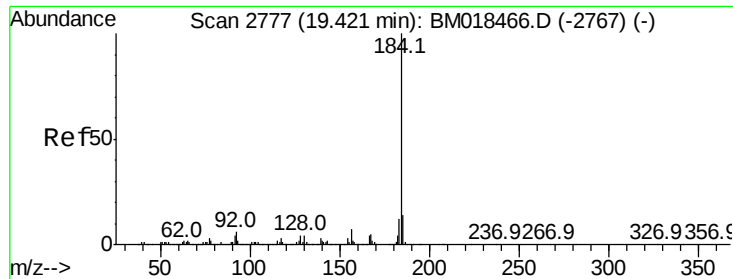
Sohil
 1/16/2019 2:07:30 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.3	20.7	31.1





#77

Benzidine

Concen: 42.728 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 2433000

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.0

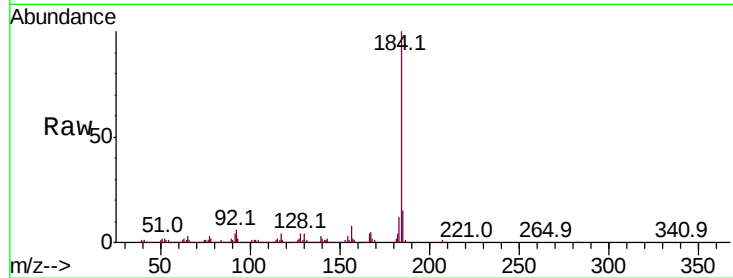
183 11.8 9.5 14.3

Manual Integrations

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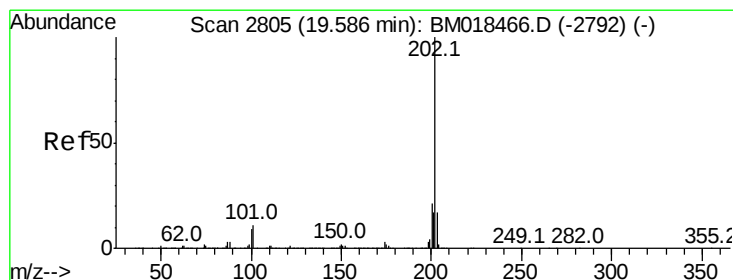
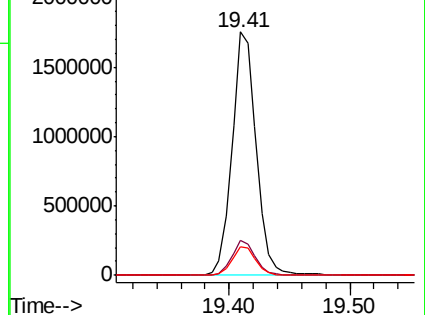
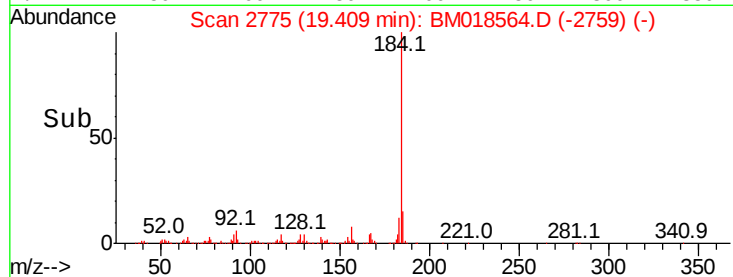
1/16/2019 2:07:30 PM



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: 38.927 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

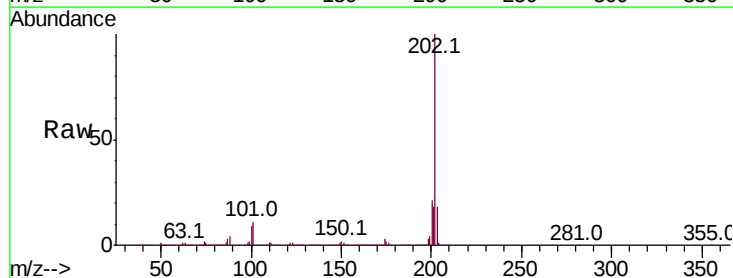
Tgt Ion:202 Resp: 5321119

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

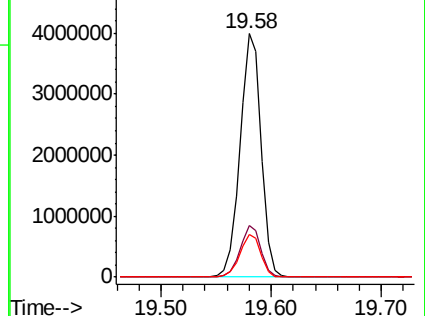
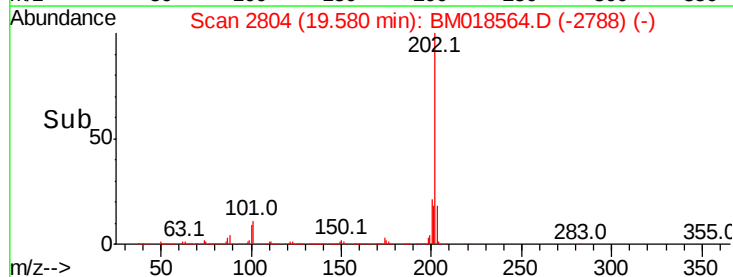
203 17.8 13.8 20.8

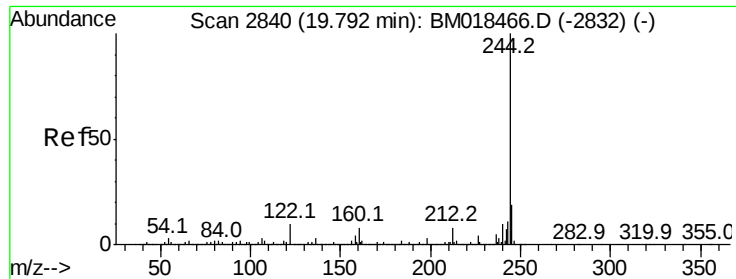


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





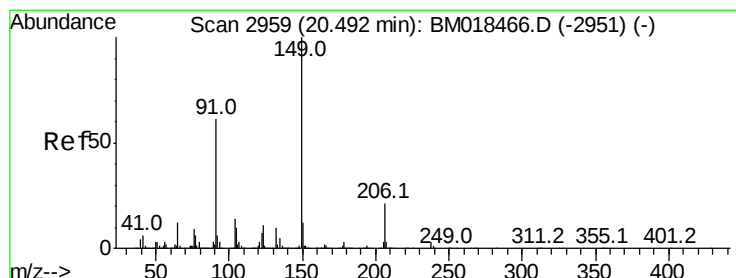
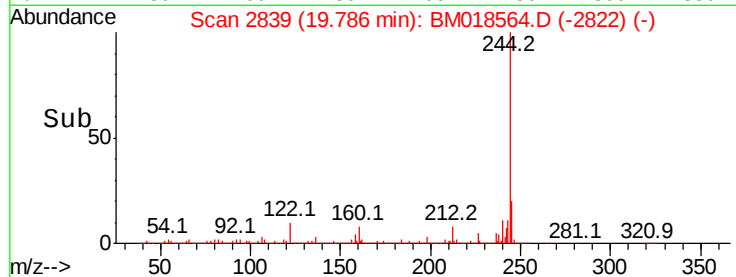
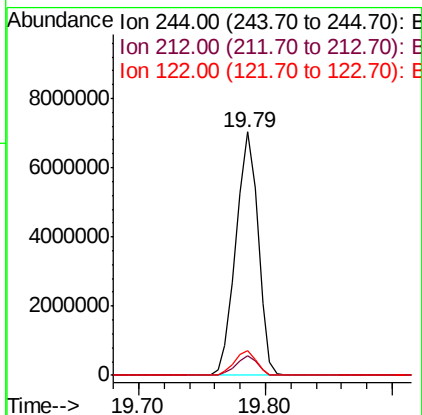
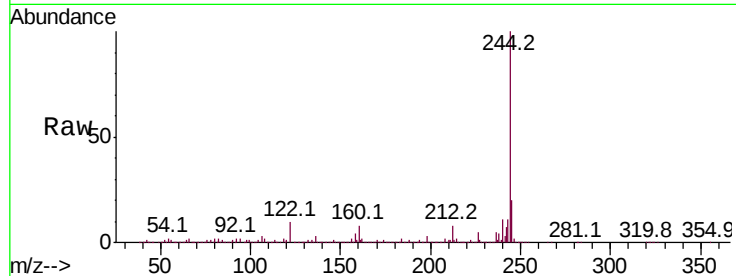
#79
 Terphenyl-d14
 Concen: 77.361 ng
 RT: 19.79 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.1	9.0	13.4

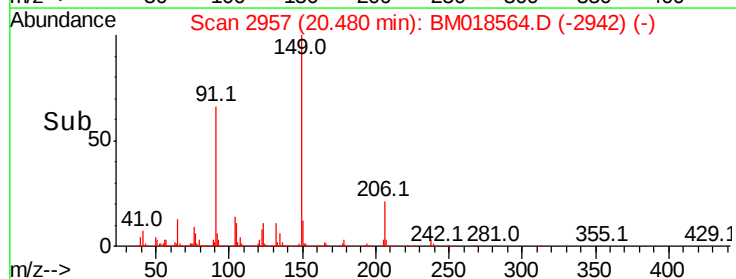
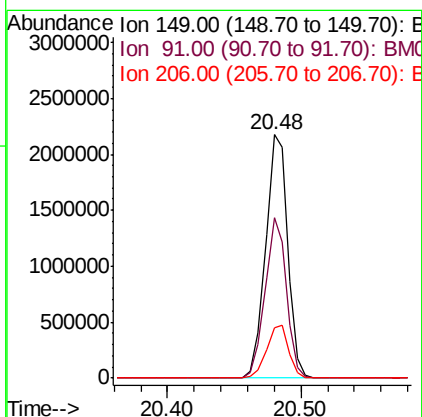
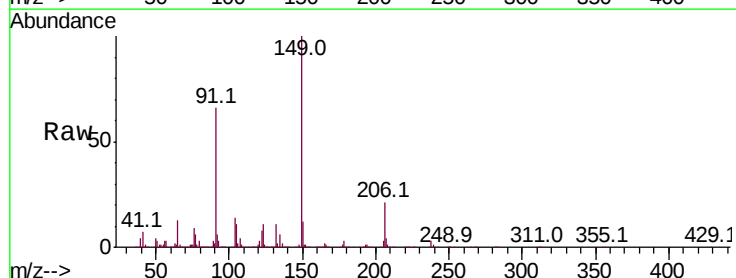
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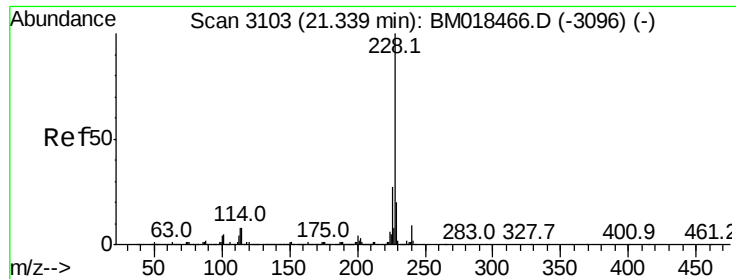
Sohil
 1/16/2019 2:07:30 PM



#80
 Butylbenzylphthalate
 Concen: 42.703 ng
 RT: 20.48 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	53.1	79.7
206	20.8	16.2	24.4





#81

Benzo(a)anthracene

Concen: 39.757 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

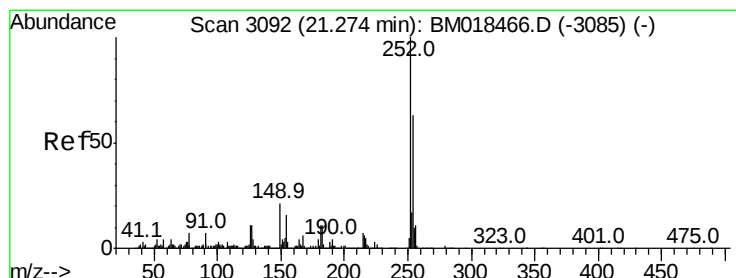
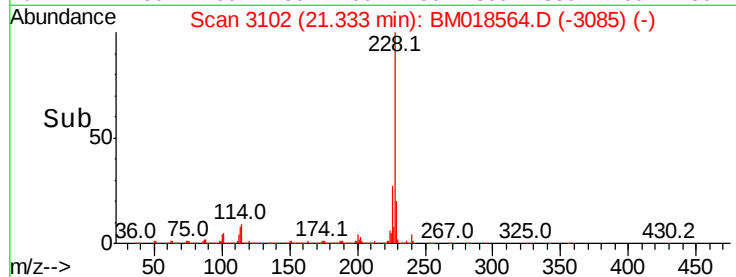
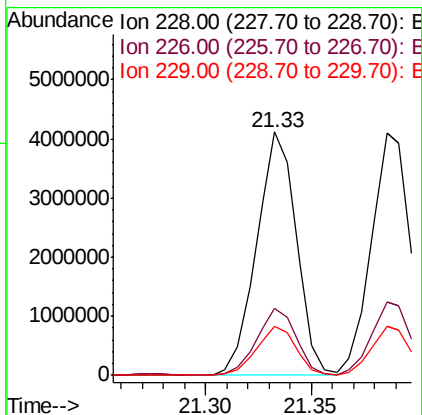
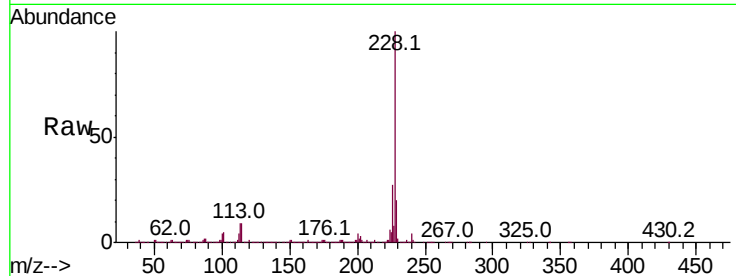
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	5401357
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.9	15.8	23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.876 ng

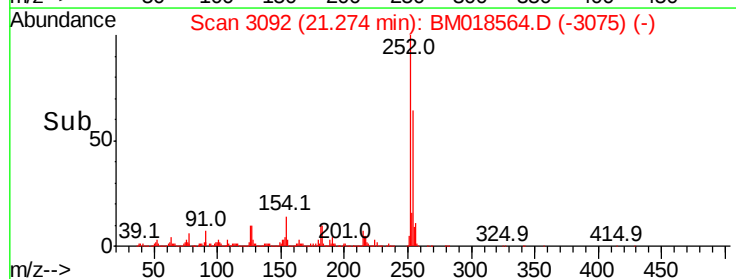
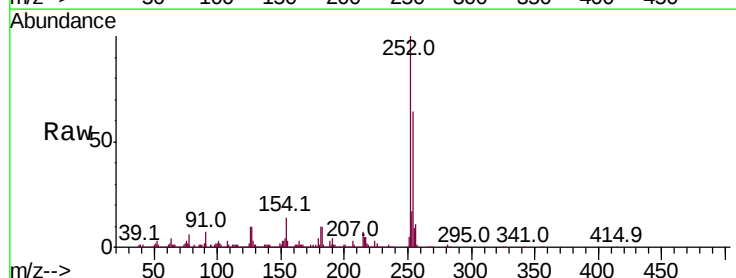
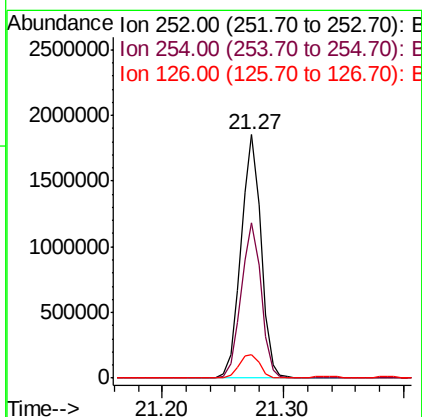
RT: 21.27 min Scan# 3092

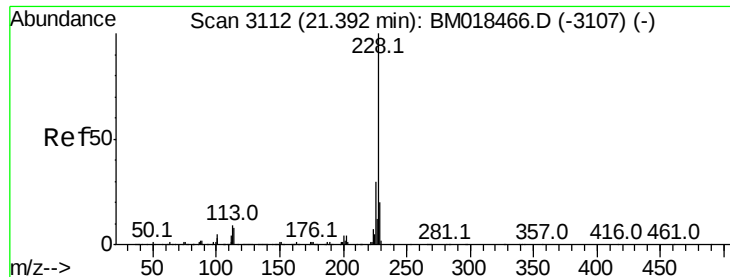
Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Tgt Ion:	252	Resp:	2151354
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	9.9	8.7	13.1





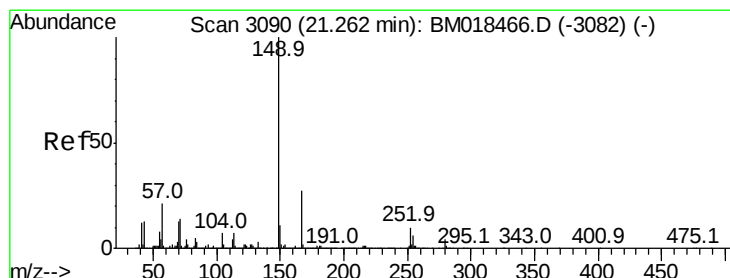
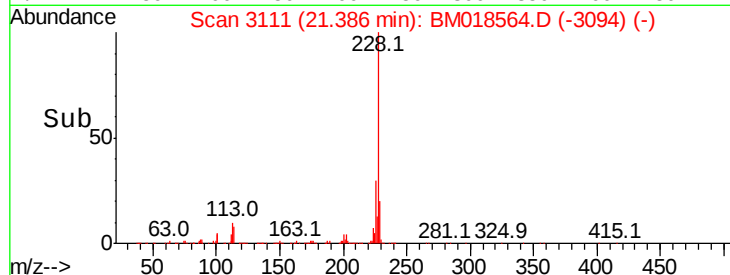
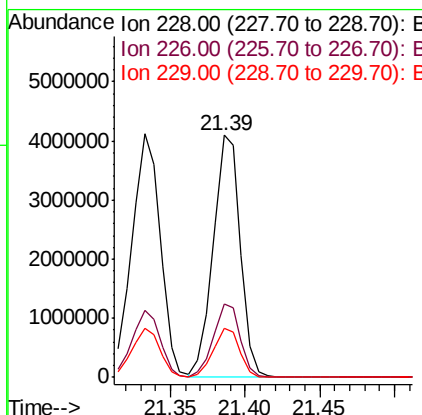
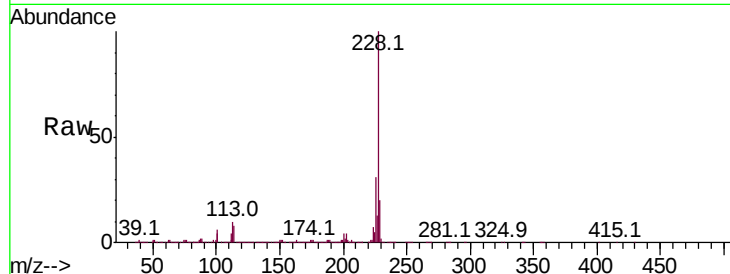
#83
 Chrvsene
 Concen: 39.491 ng
 RT: 21.39 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 5180948
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 20.1 15.6 23.4

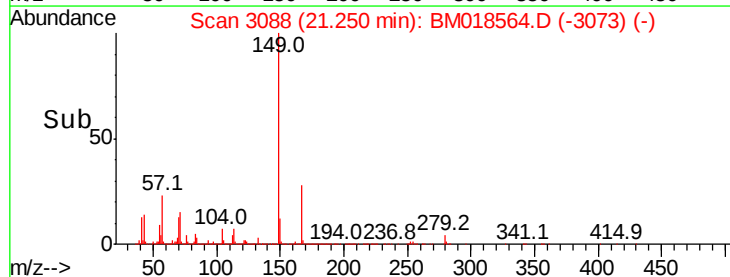
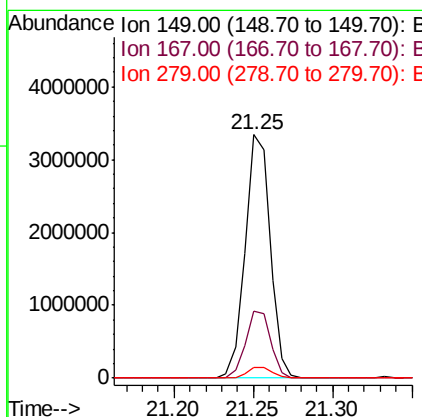
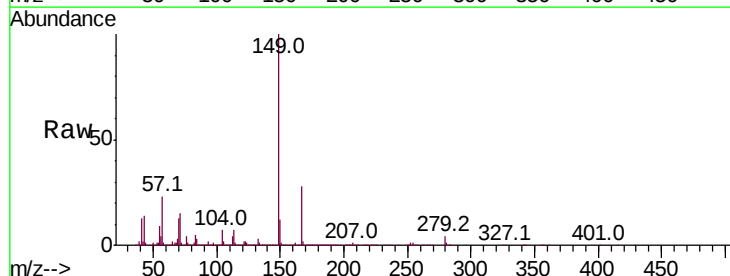
Manual Integrations
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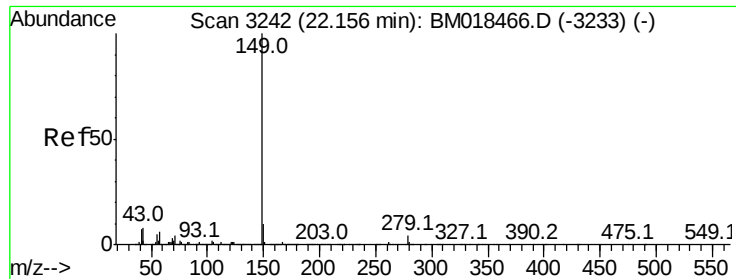
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.338 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM018564.D
 Acq: 15 Jan 2019 16:57

Tgt Ion:149 Resp: 3650264
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.385 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 6287778

Ion Ratio Lower Upper

149 100

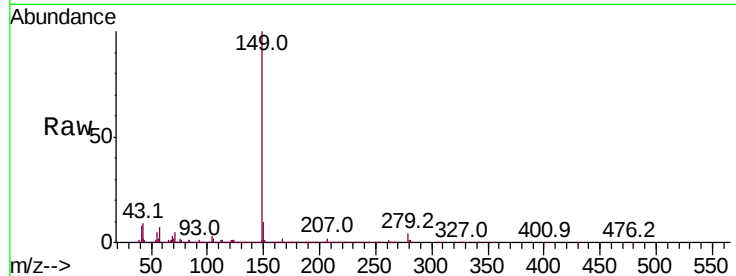
167 1.6 1.3 1.9

43 8.4 8.6 12.8#

Manual Integrations
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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

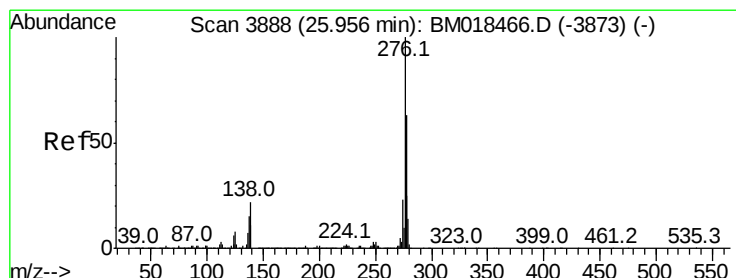
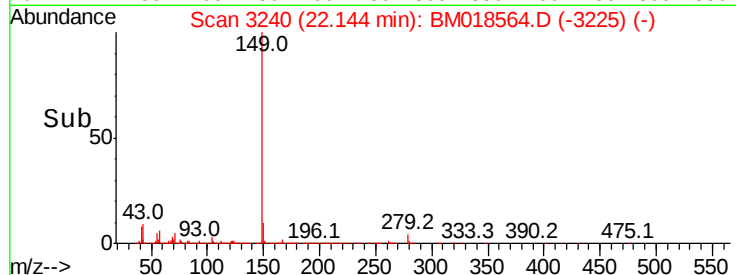
22.14

4000000

2000000

0

Time--> 22.00 22.10 22.20



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.297 ng

RT: 25.96 min Scan# 3889

Delta R.T. 0.02 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

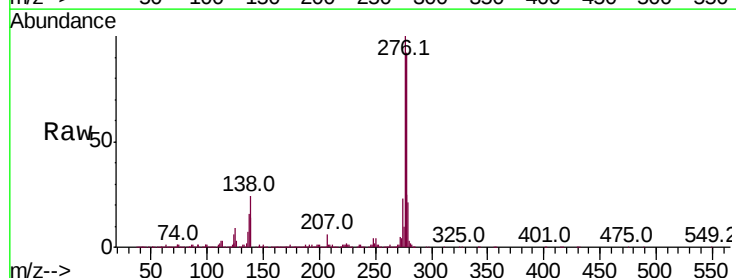
Tgt Ion:276 Resp: 5642247

Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

277 25.2 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

25.96

2000000

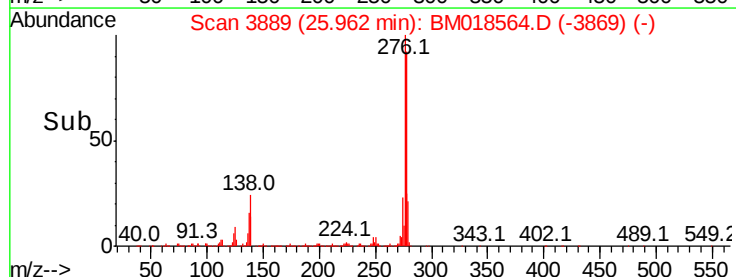
1500000

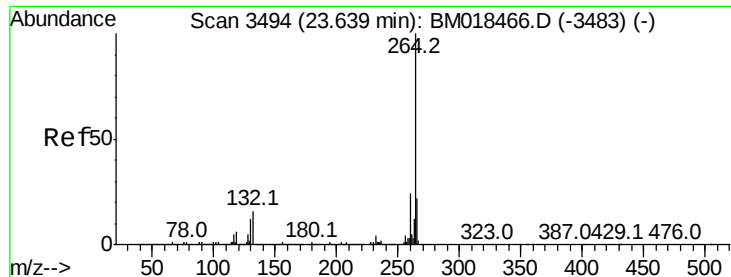
1000000

500000

0

Time--> 25.80 25.90 26.00





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 2346263

Ion Ratio Lower Upper

264 100

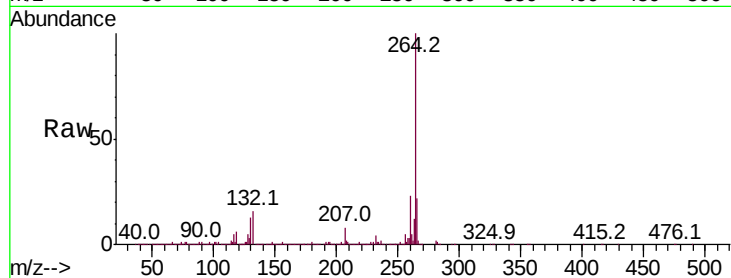
260 23.3 18.9 28.3

265 21.7 16.8 25.2

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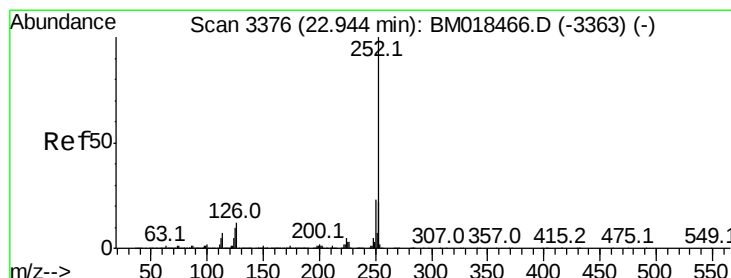
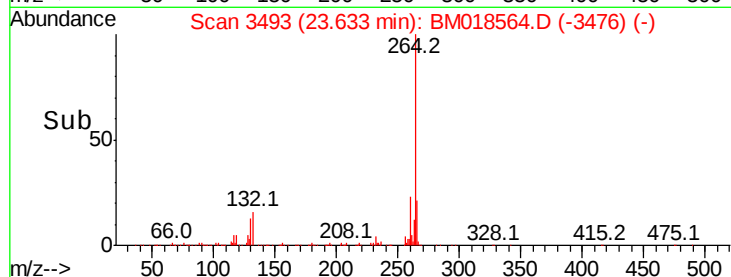
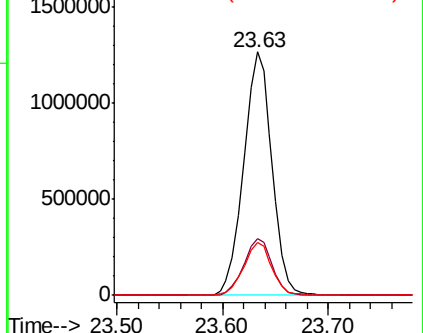
1/16/2019 2:07:30 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.177 ng

RT: 22.94 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BM018564.D

Acq: 15 Jan 2019 16:57

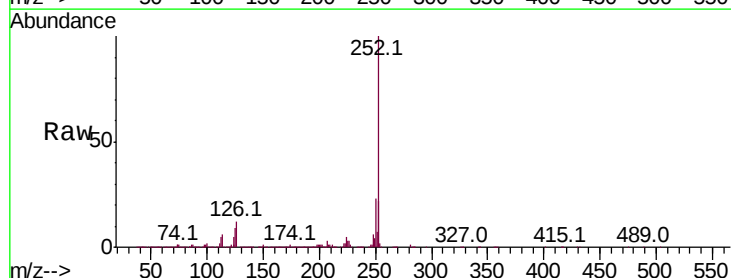
Tgt Ion:252 Resp: 5351688

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

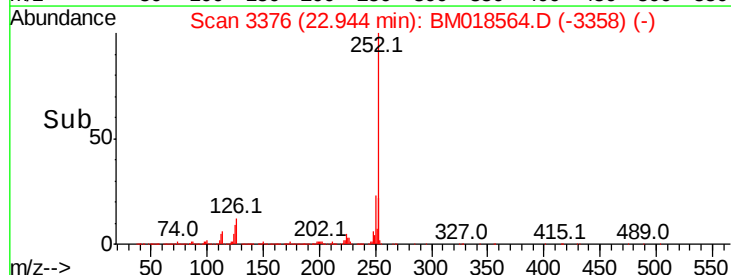
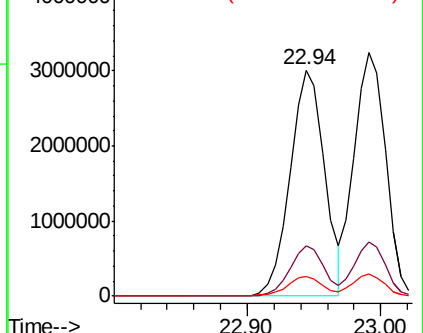
125 8.9 8.5 12.7

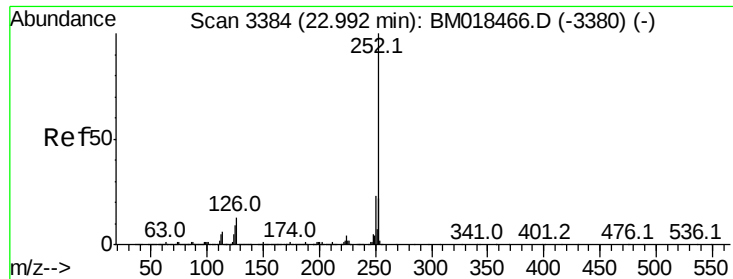


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





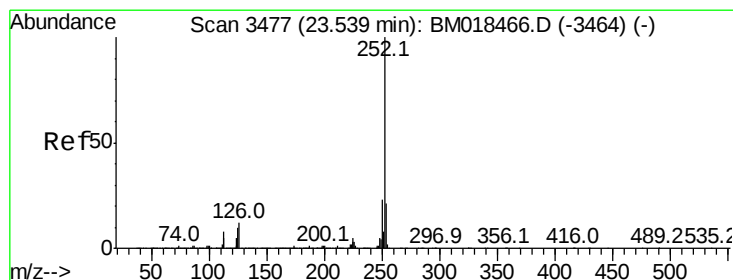
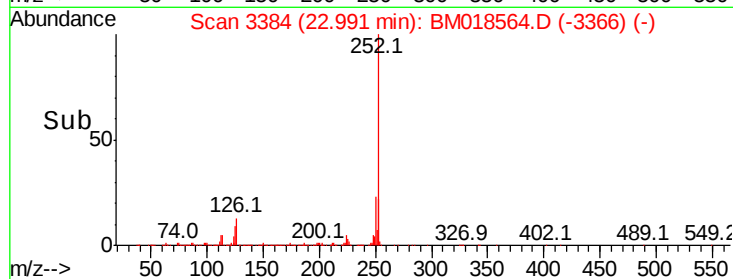
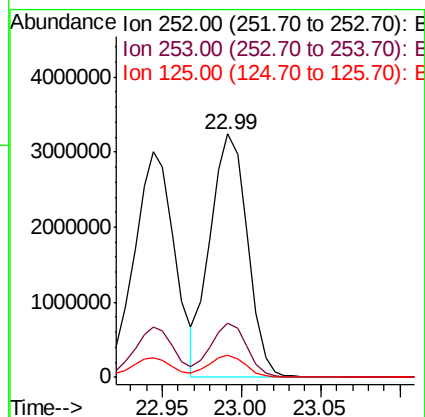
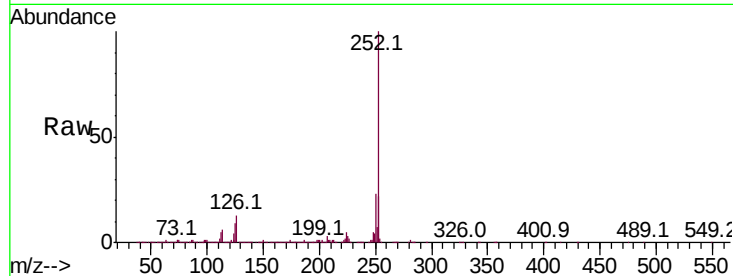
#89
Benzo(k)fluoranthene
Concen: 39.350 ng
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.3	8.6	12.8

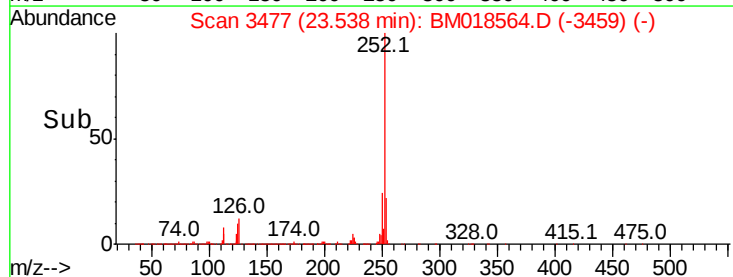
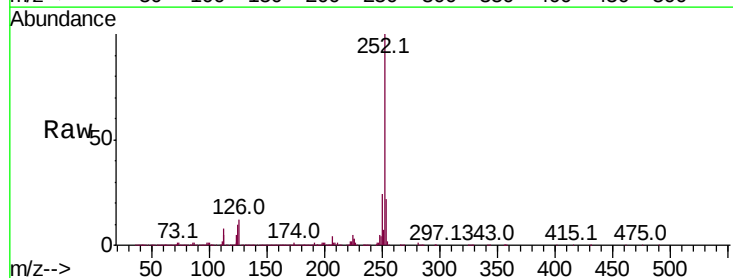
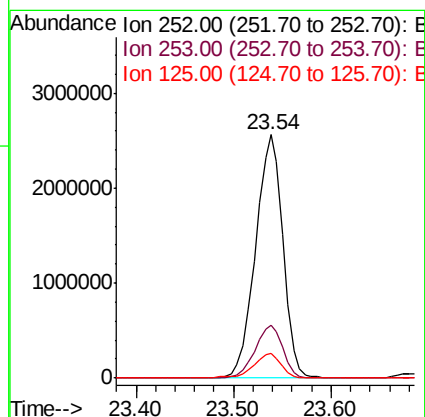
Manual Integrations
APPROVED

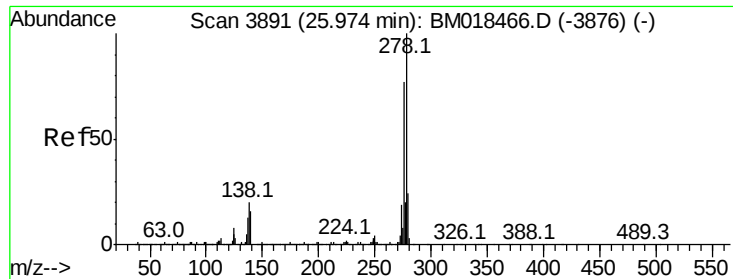
Sohil
1/16/2019 2:07:30 PM



#90
Benzo(a)pyrene
Concen: 39.461 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.0	9.7	14.5





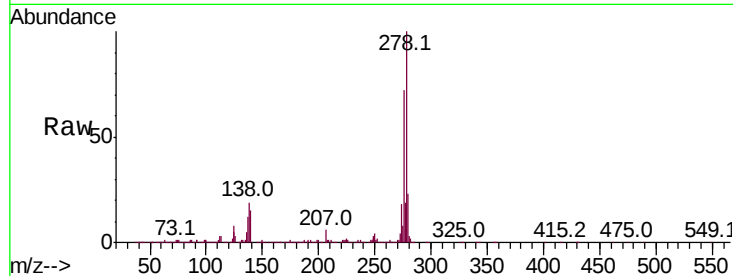
#91
Dibenzo(a,h)anthracene
Concen: 36.927 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

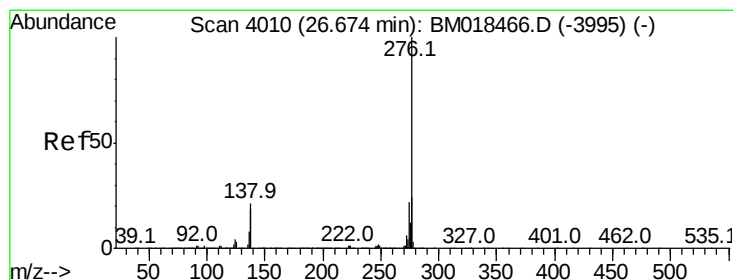
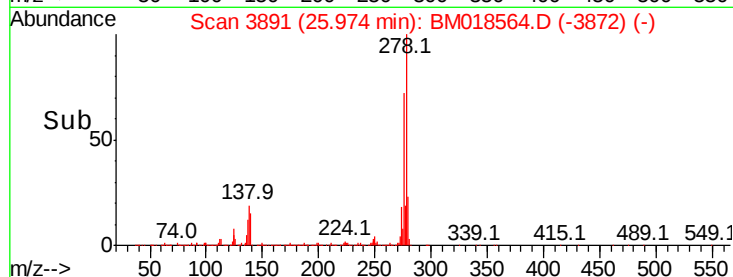
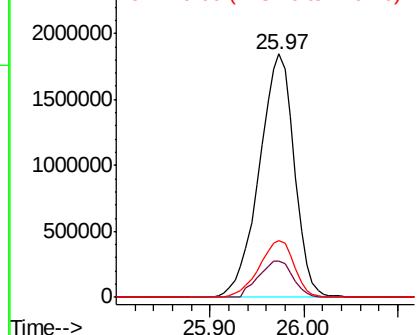
Tot Ion:278 Resp: 4771410
Ion Ratio Lower Upper
278 100
139 14.9 13.2 19.8
279 23.4 19.0 28.4

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:30 PM

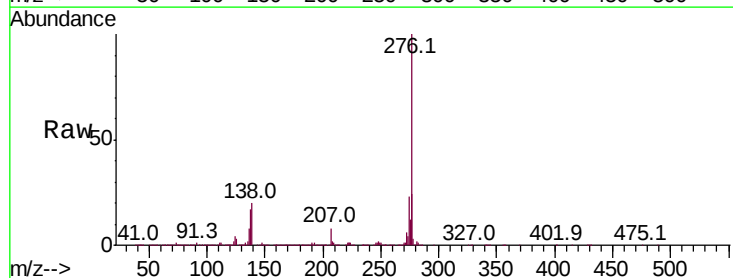


Abundance Ion 278.00 (277.70 to 278.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.419 ng
RT: 26.67 min Scan# 4010
Delta R.T. 0.02 min
Lab File: BM018564.D
Acq: 15 Jan 2019 16:57

Tgt Ion:276 Resp: 4579266
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.2 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E
2000000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

