

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018644.D
 Acq On : 18 Jan 2019 19:25
 Operator : JU/SJ
 Sample : K1188-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

Manual Integrations
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 1/21/2019 1:58:29 PM

Quant Time: Jan 18 22:13:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	211046	20.00	ng	0.00
21) Naphthalene-d8	10.53	136	803215	20.00	ng	0.00
39) Acenaphthene-d10	14.39	164	435153	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	974683	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1060223	20.00	ng	0.00
87) Perylene-d12	23.60	264	1072652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1449490	126.82	ng	0.00
7) Phenol-d6	6.91	99	1795715	123.70	ng	0.00
23) Nitrobenzene-d5	8.90	82	1100476	79.43	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	731512	132.02	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	2509863	75.26	ng	0.00
79) Terphenyl-d14	19.77	244	3673632	73.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	152597	32.757	ng	97
3) Pyridine	3.67	79	406105	34.967	ng	97
4) n-Nitrosodimethylamine	3.59	42	209187	43.557	ng	# 95
6) Aniline	7.07	93	393799	24.318	ng	98
8) 2-Chlorophenol	7.30	128	541770	40.586	ng	95
9) Benzaldehyde	6.89	77	128649	12.803	ng	97
10) Phenol	6.94	94	609206	41.298	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	440443	37.999	ng	95
12) 1,3-Dichlorobenzene	7.62	146	593792	37.352	ng	98
13) 1,4-Dichlorobenzene	7.77	146	600074	37.243	ng	99
14) 1,2-Dichlorobenzene	8.09	146	575980	37.699	ng	99
15) Benzyl Alcohol	7.98	79	422371	40.283	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	559725	37.787	ng	94
17) 2-Methylphenol	8.18	107	407861	40.732	ng	99
18) Hexachloroethane	8.80	117	214974	37.419	ng	95
19) n-Nitroso-di-n-propylamine	8.55	70	349477	36.993	ng	93
20) 3+4-Methylphenols	8.50	107	548912	39.710	ng	100
22) Acetophenone	8.56	105	723090	36.392	ng	# 98
24) Nitrobenzene	8.95	77	523772	38.420	ng	96
25) Isophorone	9.46	82	943937	44.990	ng	97
26) 2-Nitrophenol	9.65	139	287946	43.681	ng	97
27) 2,4-Dimethylphenol	9.70	122	452495	45.796	ng	98
28) bis(2-Chloroethoxy)methane	9.95	93	580805	40.072	ng	99
29) 2,4-Dichlorophenol	10.17	162	491597	41.783	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	548815	37.581	ng	99
31) Naphthalene	10.57	128	1586826	41.021	ng	99
32) Benzoic acid	9.82	122	173813m	29.090	ng	
33) 4-Chloroaniline	10.70	127	249366	16.369	ng	98
34) Hexachlorobutadiene	10.84	225	335474	36.363	ng	99
35) Caprolactam	11.51	113	145141m	36.284	ng	
36) 4-Chloro-3-methylphenol	11.82	107	494831	40.089	ng	99
37) 2-Methylnaphthalene	12.19	142	1140621	41.734	ng	100
38) 1-Methylnaphthalene	12.42	142	1078437	40.781	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	589389	38.732	ng	99

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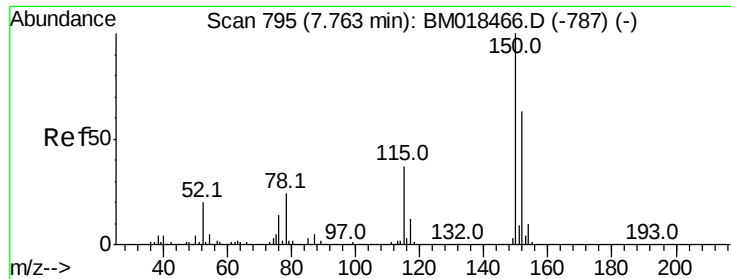
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	759705	90.965	ng	99
43) 2,4,6-Trichlorophenol	12.81	196	402736	43.583	ng	100
44) 2,4,5-Trichlorophenol	12.88	196	425526	43.785	ng	97
46) 1,1'-Biphenyl	13.22	154	1429673	37.628	ng	99
47) 2-Chloronaphthalene	13.26	162	1109858	37.668	ng	99
48) 2-Nitroaniline	13.47	65	298927	41.238	ng	92
49) Acenaphthylene	14.11	152	1793966	41.780	ng	99
50) Dimethylphthalate	13.85	163	1640429	45.902	ng	99
51) 2,6-Dinitrotoluene	13.97	165	312211	41.242	ng	92
52) Acenaphthene	14.45	154	1031930	39.278	ng	98
53) 3-Nitroaniline	14.31	138	230832	30.246	ng	97
54) 2,4-Dinitrophenol	14.51	184	361819	87.544	ng	91
55) Dibenzofuran	14.79	168	1650225	38.016	ng	98
56) 4-Nitrophenol	14.62	139	552642	83.820	ng	97
57) 2,4-Dinitrotoluene	14.76	165	440601	41.136	ng	98
58) Fluorene	15.43	166	1334276	41.262	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.01	232	388263	45.072	ng	98
60) Diethylphthalate	15.21	149	1442597	39.985	ng	100
61) 4-Chlorophenyl-phenylether	15.43	204	689682	37.005	ng	97
62) 4-Nitroaniline	15.47	138	297088	35.688	ng	98
63) Azobenzene	15.72	77	1130220	38.423	ng	98
65) 4,6-Dinitro-2-methylphenol	15.52	198	246169	40.565	ng	89
66) n-Nitrosodiphenylamine	15.65	169	1194255	39.500	ng	99
67) 4-Bromophenyl-phenylether	16.33	248	415540	38.098	ng	97
68) Hexachlorobenzene	16.43	284	464741	38.061	ng	97
69) Atrazine	16.60	200	452205	41.372	ng	96
70) Pentachlorophenol	16.78	266	610000	76.279	ng	99
71) Phenanthrene	17.18	178	2113389	40.765	ng	100
72) Anthracene	17.27	178	2146399	43.055	ng	100
73) Carbazole	17.54	167	1981881	38.695	ng	99
74) Di-n-butylphthalate	18.10	149	2474078	44.099	ng	99
75) Fluoranthene	19.20	202	2510466	42.001	ng	98
77) Benzidine	19.40	184	860503	32.871	ng	100
78) Pyrene	19.56	202	2550621	40.586	ng	100
80) Butylbenzylphthalate	20.46	149	1161504	43.313	ng	99
81) Benzo(a)anthracene	21.32	228	2551445	40.850	ng	99
82) 3,3'-Dichlorobenzidine	21.25	252	768894	32.554	ng	99
83) Chrysene	21.37	228	2409382	39.947	ng	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	1691952	43.694	ng	99
85) Di-n-octyl phthalate	22.12	149	2959564	45.442	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.90	276	2942826	42.313	ng	97
88) Benzo(b)fluoranthene	22.92	252	2585929	42.464	ng	98
89) Benzo(k)fluoranthene	22.96	252	2426801	39.543	ng	98
90) Benzo(a)pyrene	23.50	252	2448310	41.995	ng	98
91) Dibenzo(a,h)anthracene	25.92	278	2495055	42.237	ng	98
92) Benzo(g,h,i)perylene	26.61	276	2421514	42.124	ng	97

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



#1

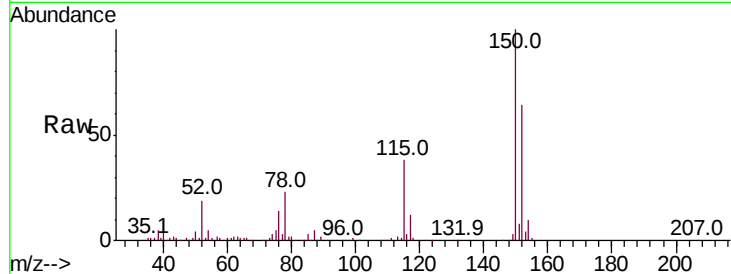
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

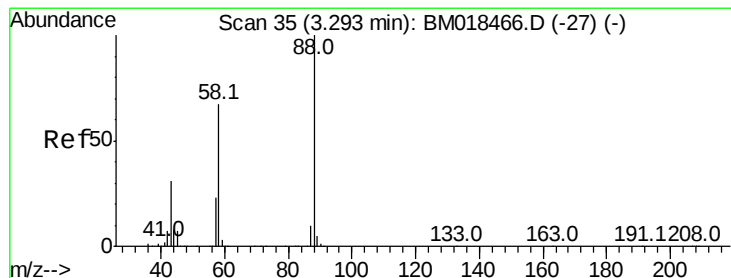
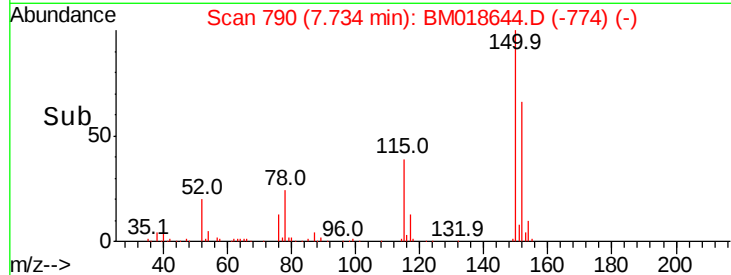
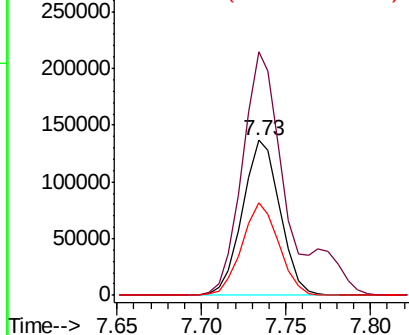
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.9	190.3
115	59.4	45.5	68.3

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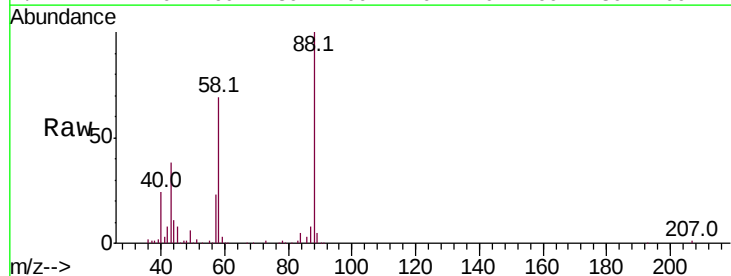
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



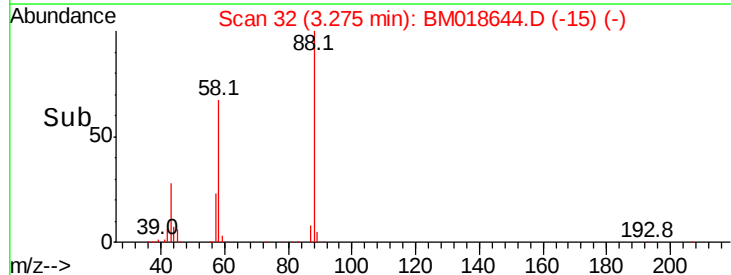
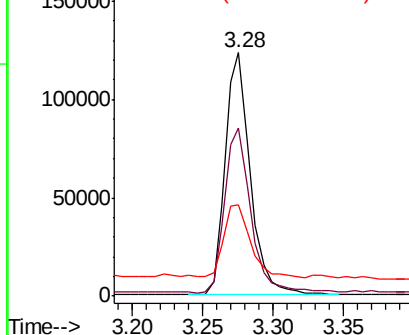
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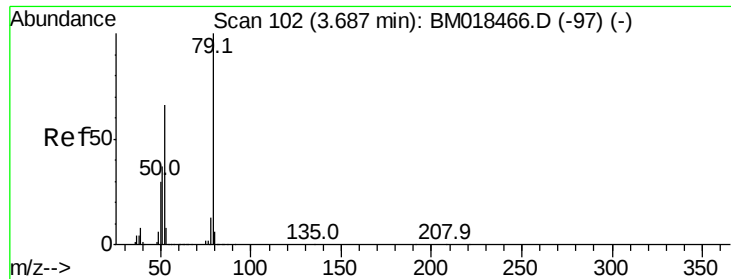
1,4-Dioxane
Concen: 32.757 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	58.4	87.6
43	31.3	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: 34.967 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

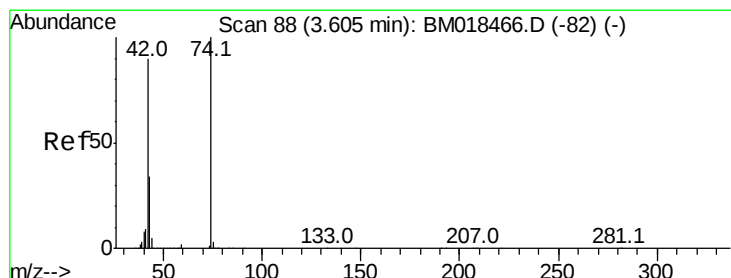
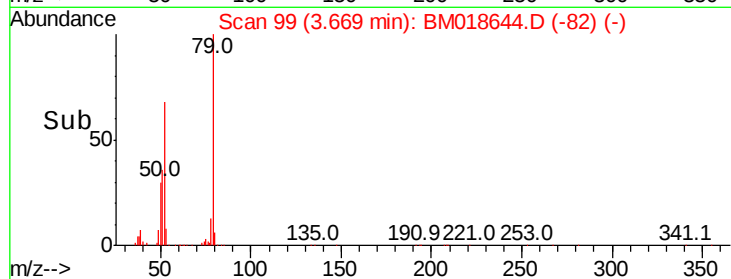
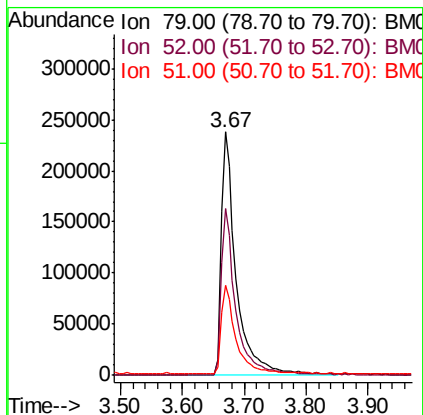
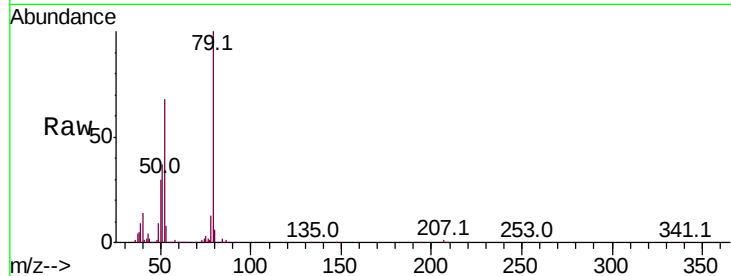
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	56.4	84.6
51	37.1	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 43.557 ng

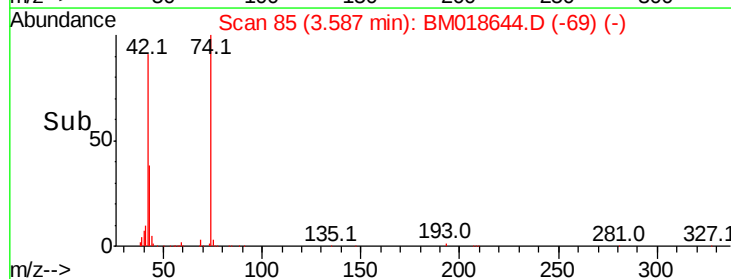
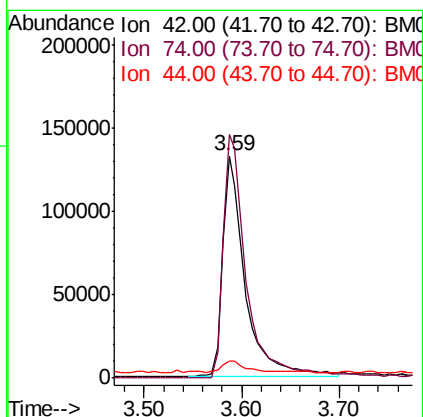
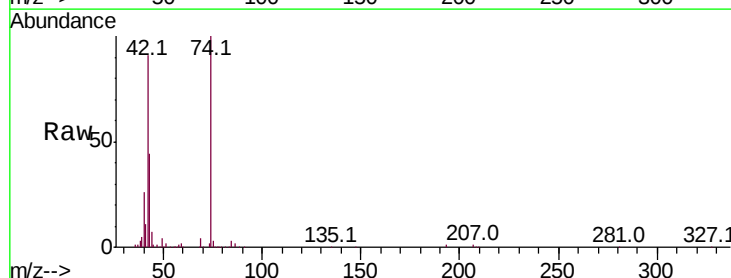
RT: 3.59 min Scan# 85

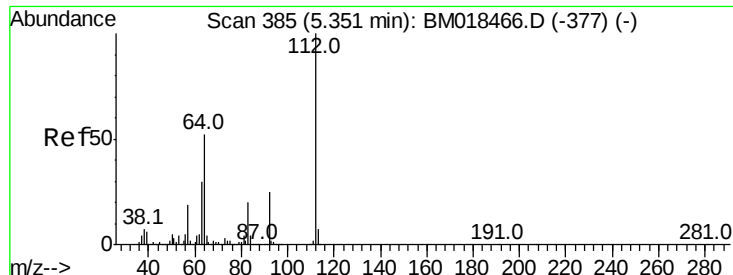
Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.4	88.6	132.8
44	7.9	16.9	25.3





#5

2-Fluorophenol

Concen: 126.819 ng

RT: 5.33 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion: 112 Resp: 1449490

Ion Ratio Lower Upper

112 100

64 52.9 46.5 69.7

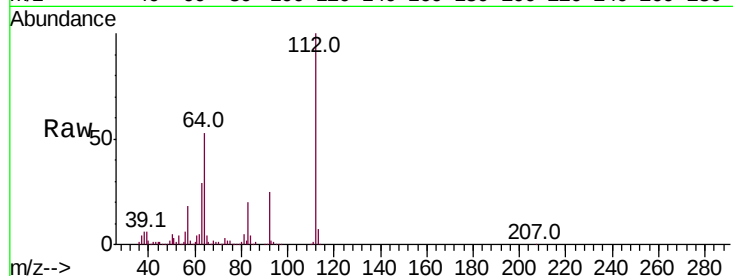
63 28.9 25.2 37.8

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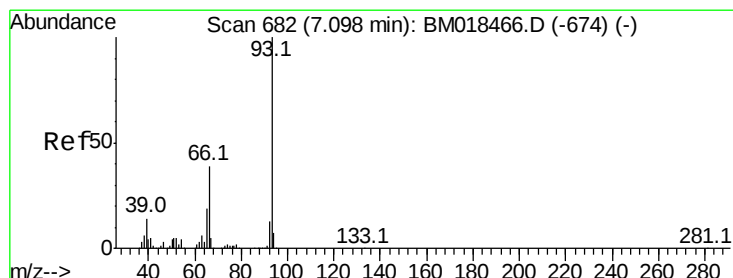
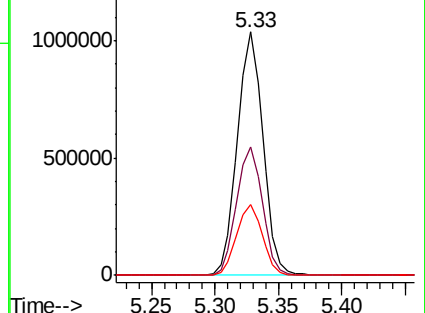
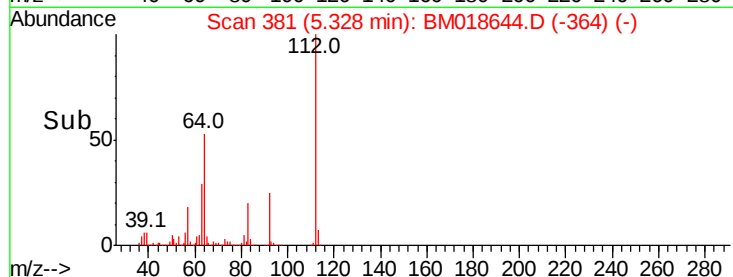
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.318 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

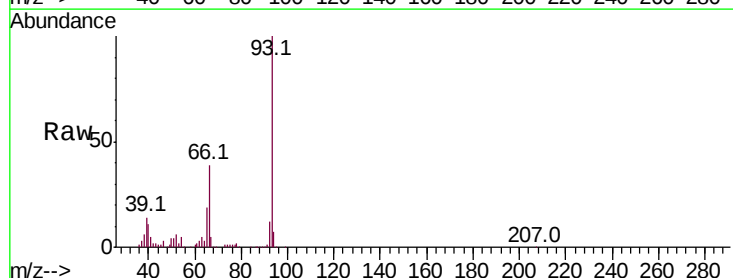
Tgt Ion: 93 Resp: 393799

Ion Ratio Lower Upper

93 100

66 38.9 31.7 47.5

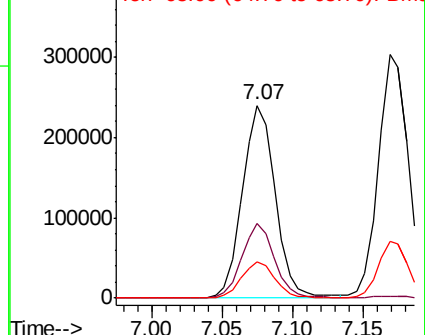
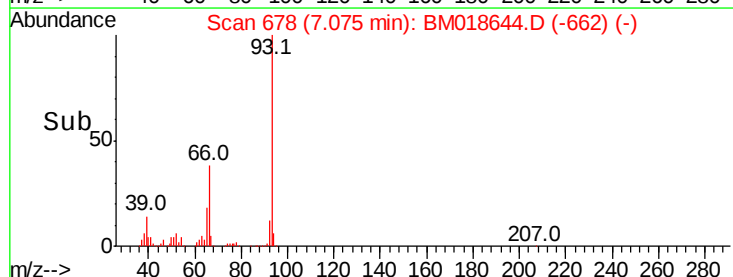
65 18.8 15.9 23.9

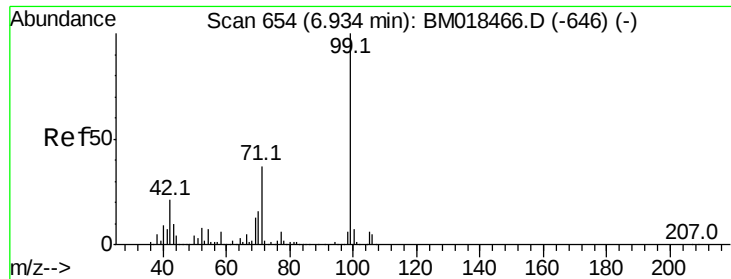


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 123.698 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

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ClientSampleId :

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Tot Ion: 99 Resp: 1795715

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

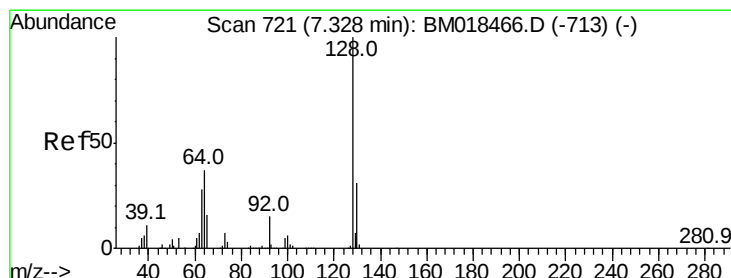
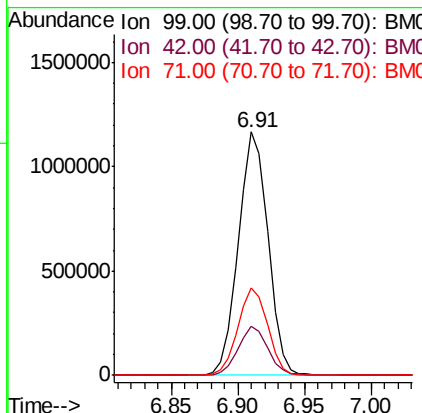
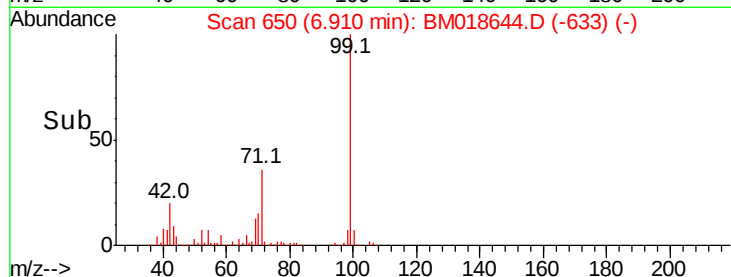
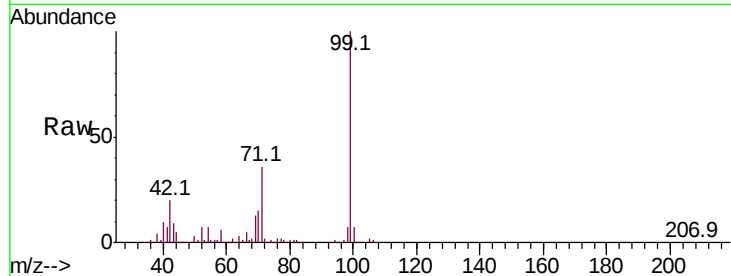
71 36.0 28.0 42.0

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#8

2-Chlorophenol

Concen: 40.586 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

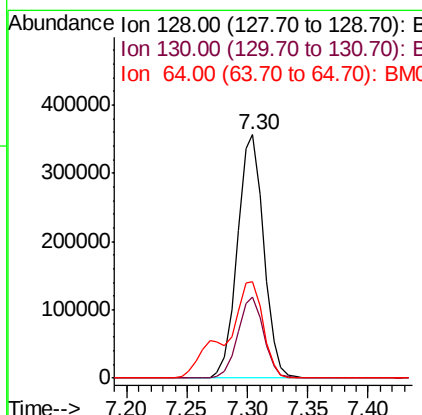
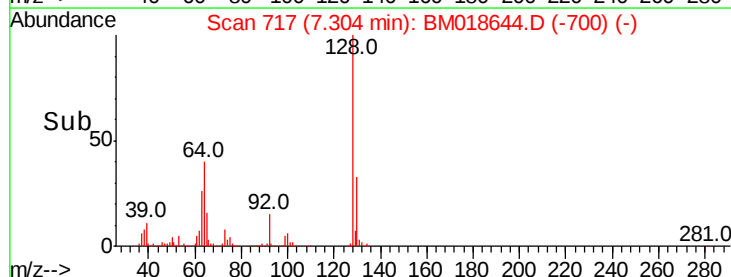
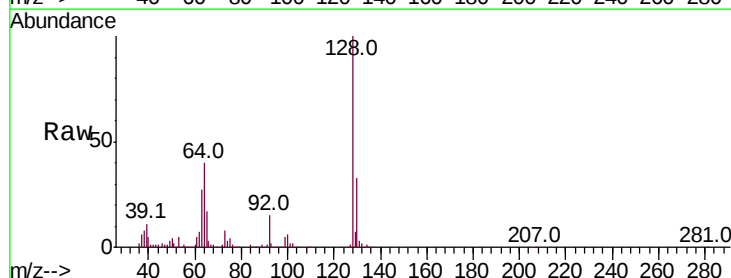
Tgt Ion: 128 Resp: 541770

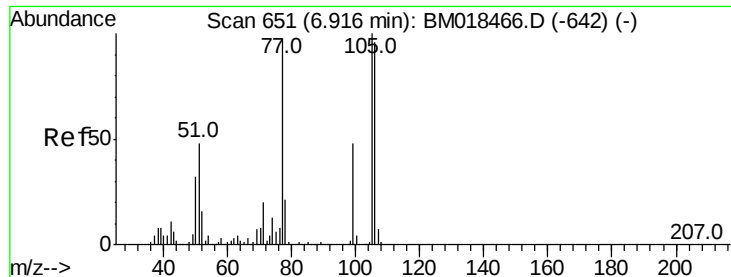
Ion Ratio Lower Upper

128 100

130 33.1 13.6 53.6

64 39.7 24.8 64.8





#9

Benzaldehyde

Concen: 12.803 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

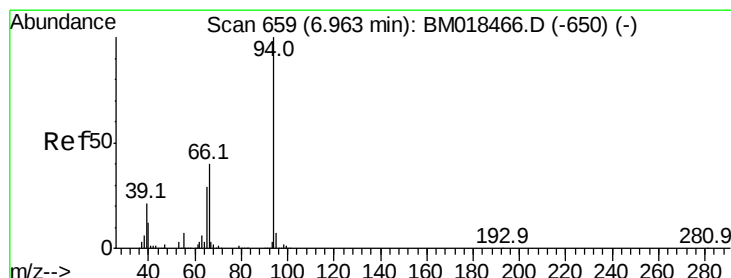
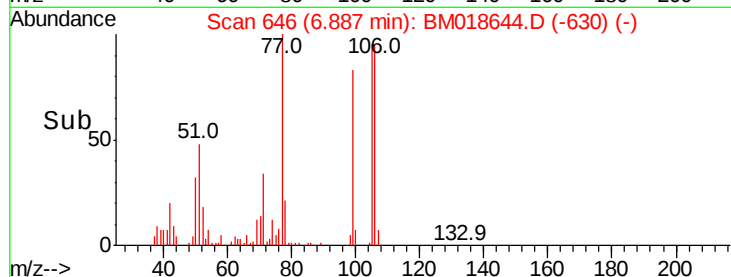
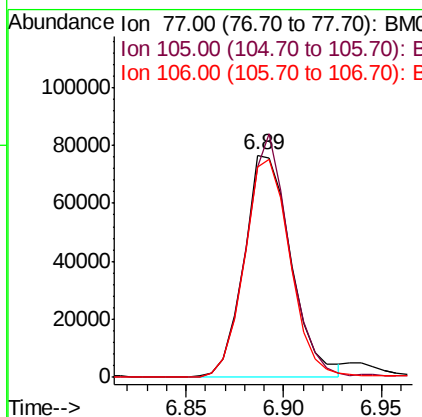
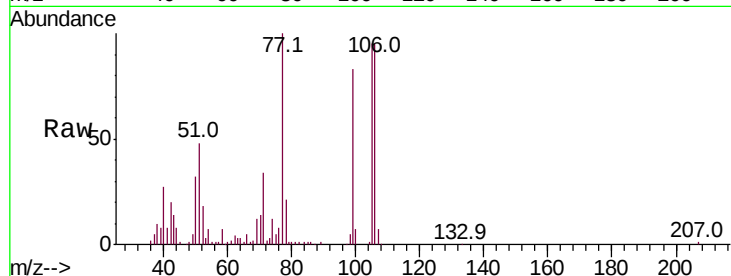
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	79.7	119.7
106	94.7	75.2	115.2

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#10

Phenol

Concen: 41.298 ng

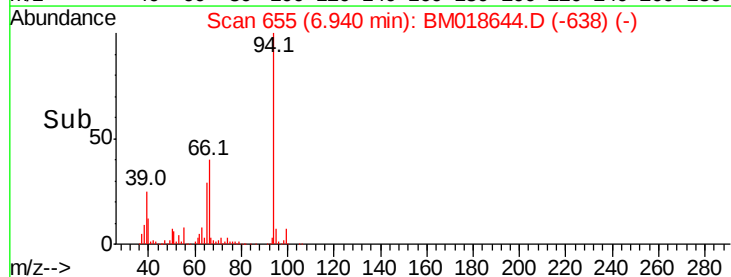
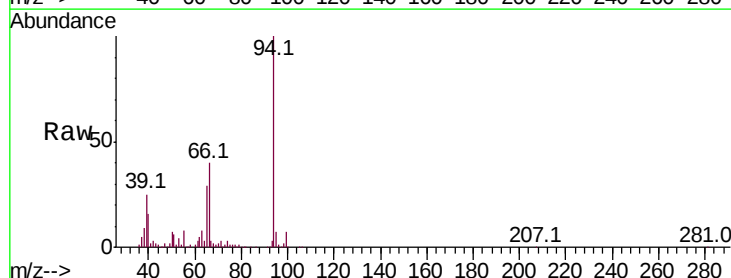
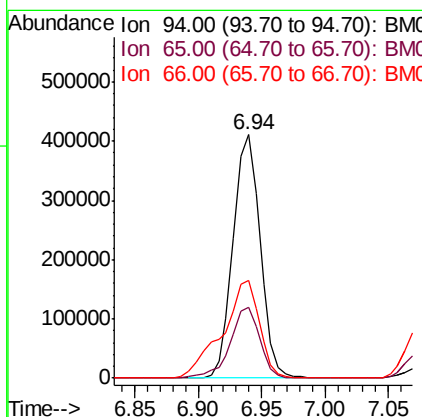
RT: 6.94 min Scan# 655

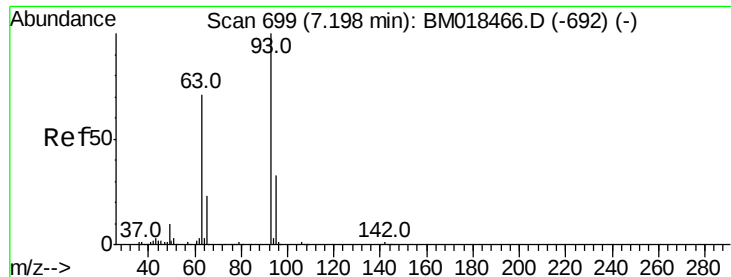
Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.4	49.4
66	39.9	19.1	59.1





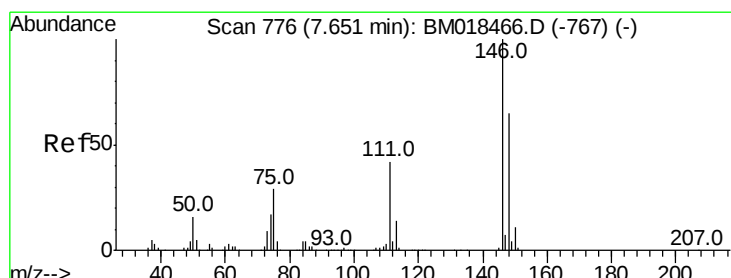
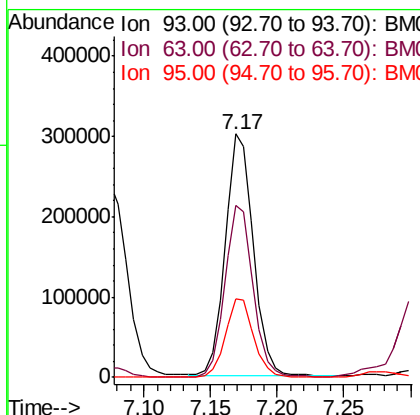
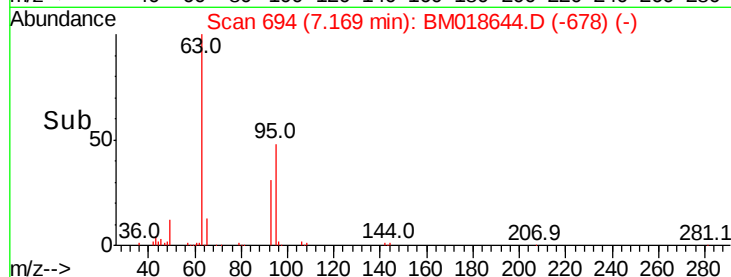
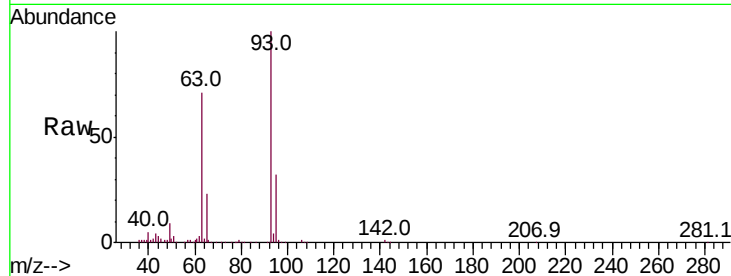
#11
bis(2-Chloroethyl)ether
Concen: 37.999 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	56.4	96.4
95	32.2	12.7	52.7

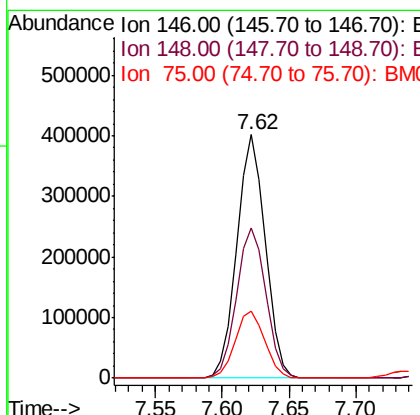
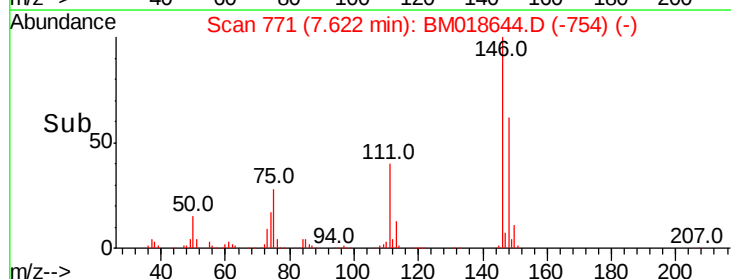
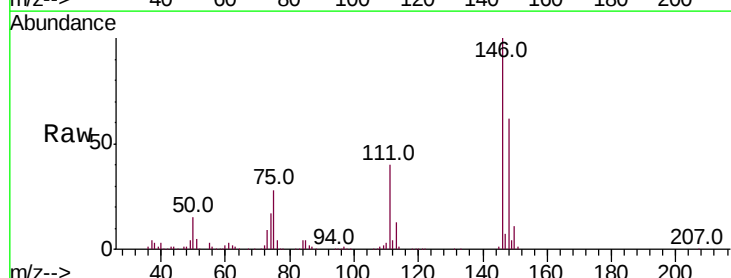
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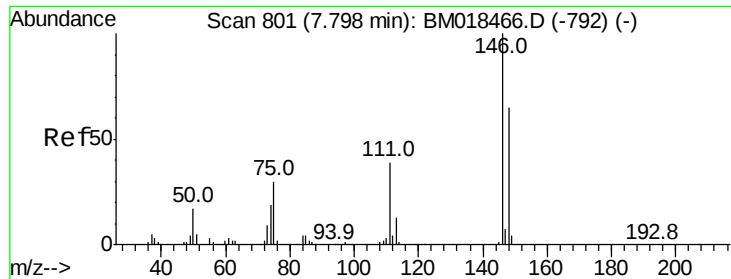
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.352 ng
RT: 7.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.5	75.7
75	27.8	23.0	34.6





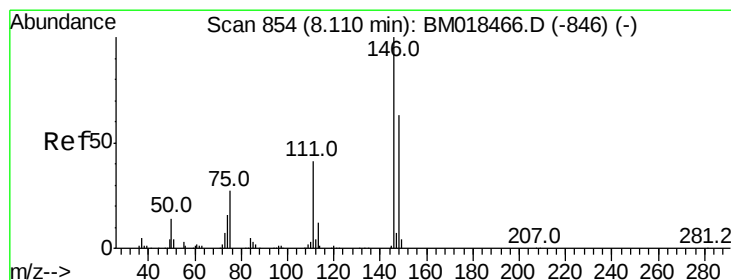
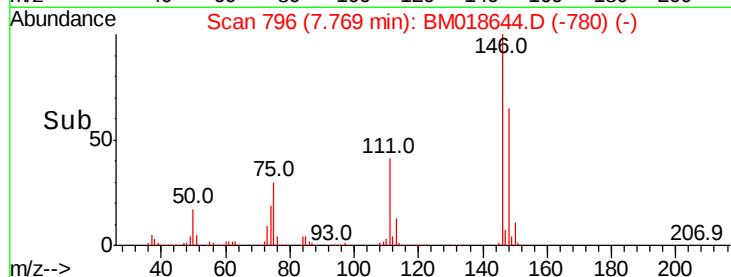
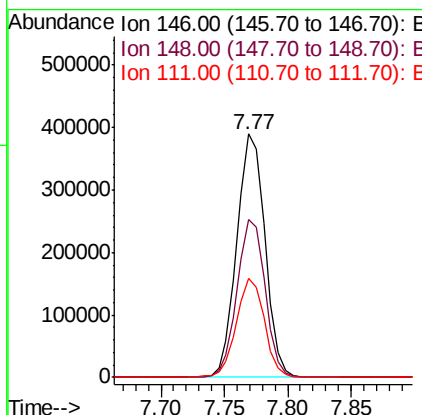
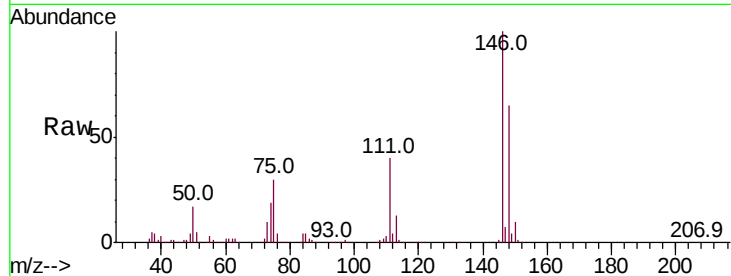
#13
1,4-Dichlorobenzene
Concen: 37.243 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	40.5	32.2	48.2

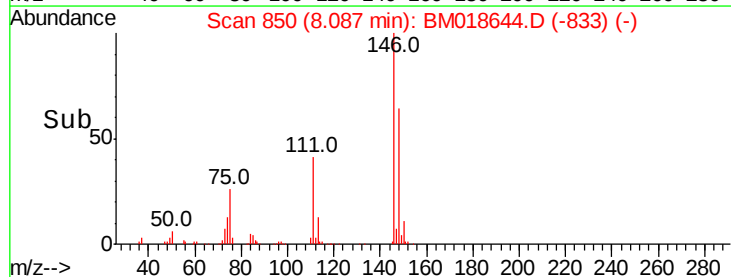
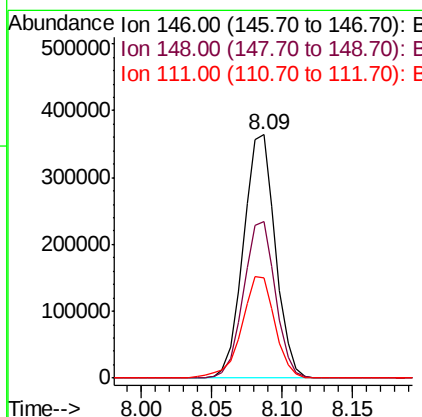
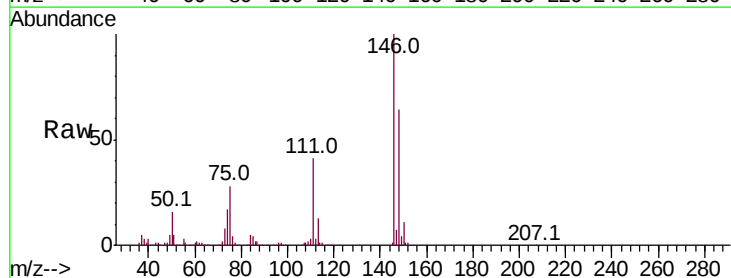
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#14
1,2-Dichlorobenzene
Concen: 37.699 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	41.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.283 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

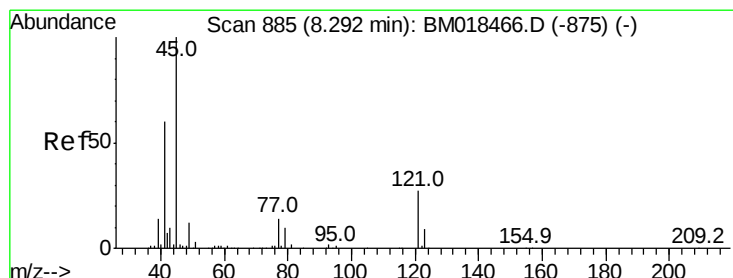
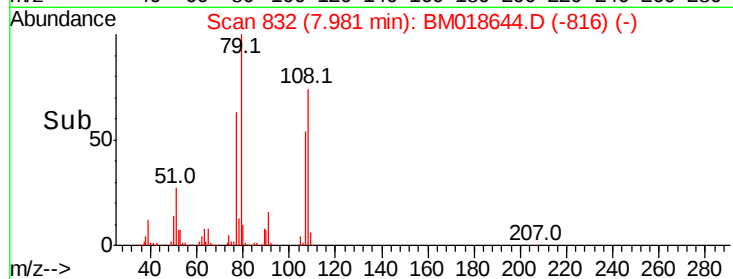
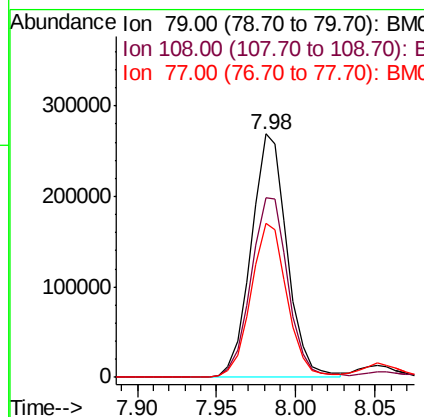
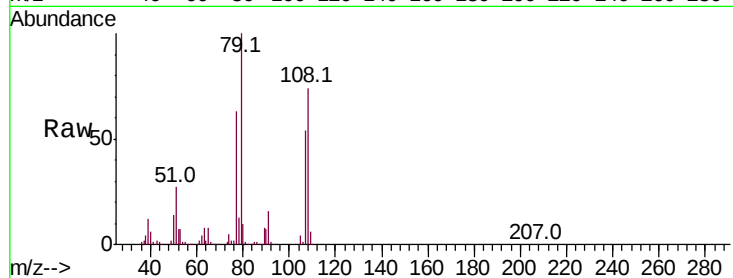
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	79	Resp:	422371
Ion Ratio	Lower	Upper	
79	100		
108	74.0	60.4	90.6
77	63.3	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.787 ng

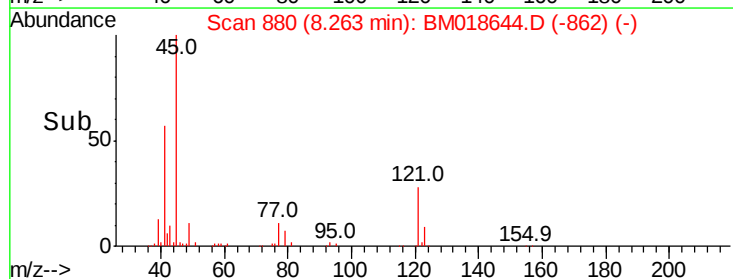
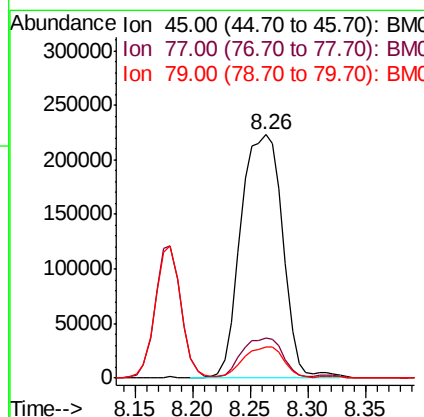
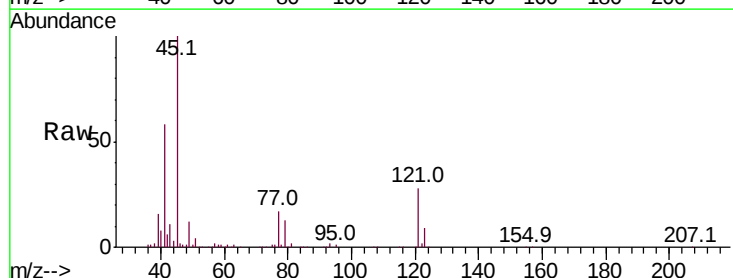
RT: 8.26 min Scan# 880

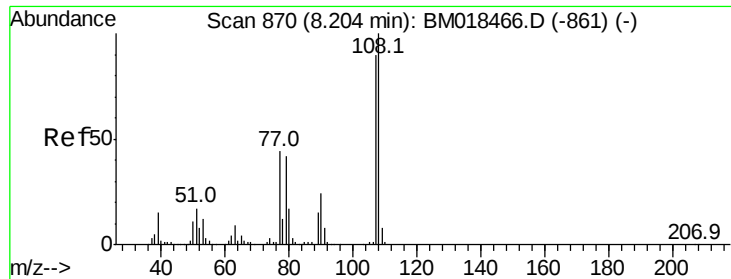
Delta R.T. 0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	45	Resp:	559725
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	33.4
79	12.7	0.0	31.1





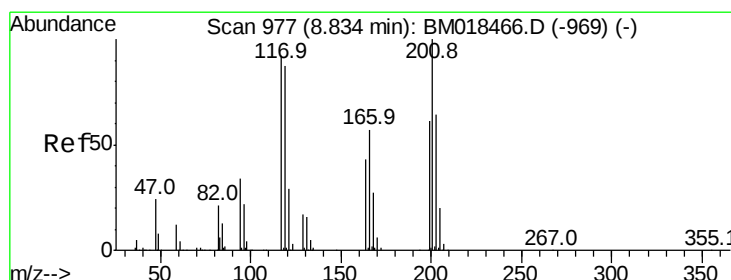
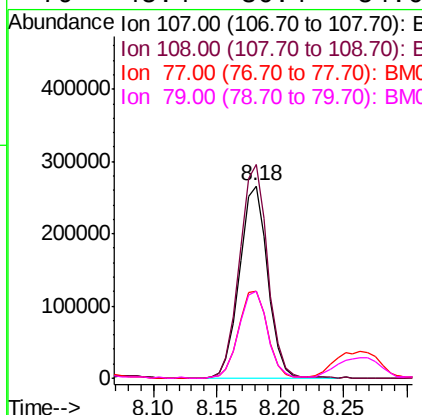
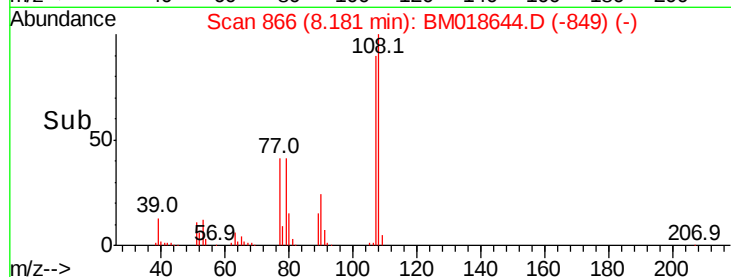
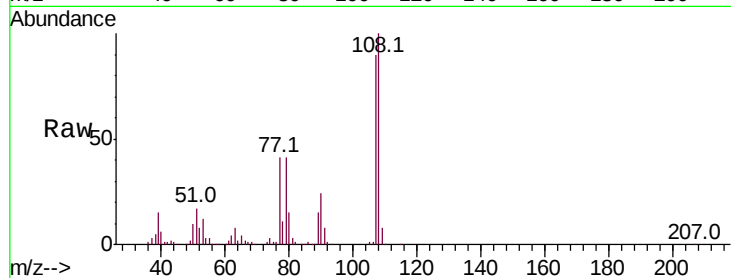
#17
2-Methylphenol
Concen: 40.732 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	87.5	131.3	
77	45.5	37.3	55.9	
79	45.4	36.4	54.6	

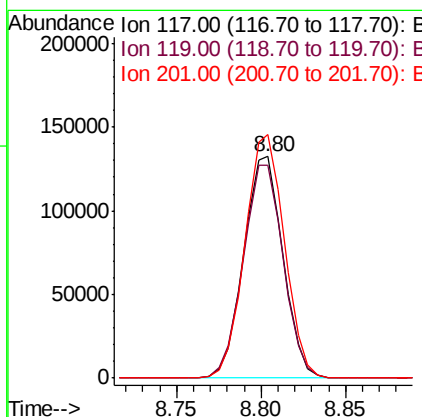
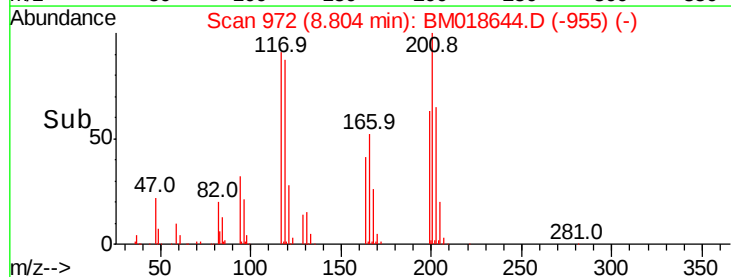
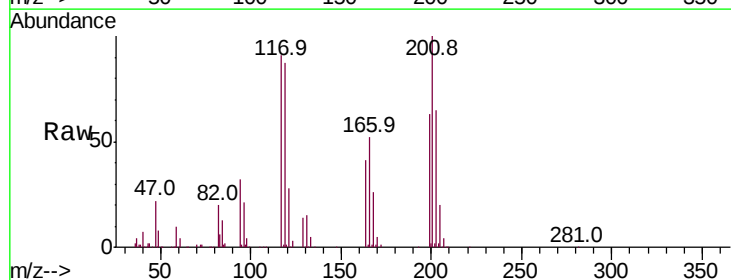
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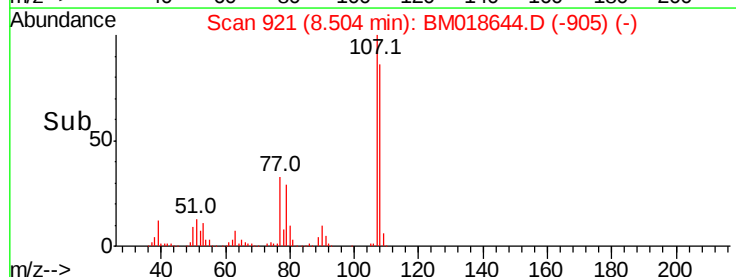
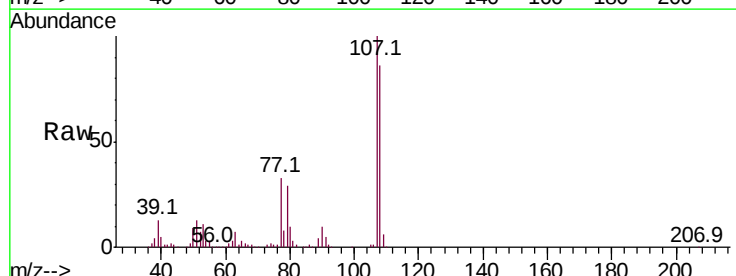
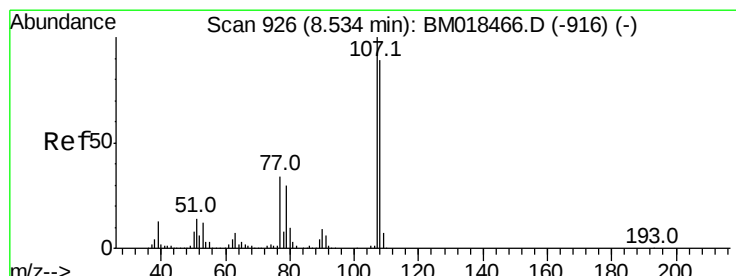
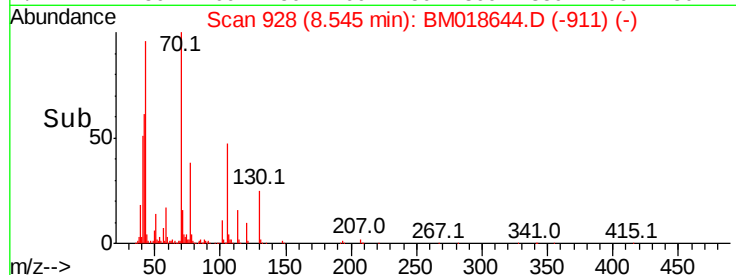
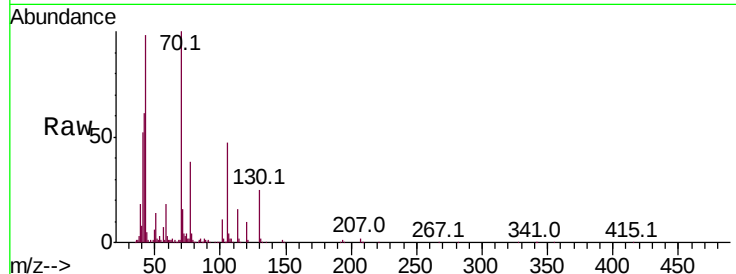
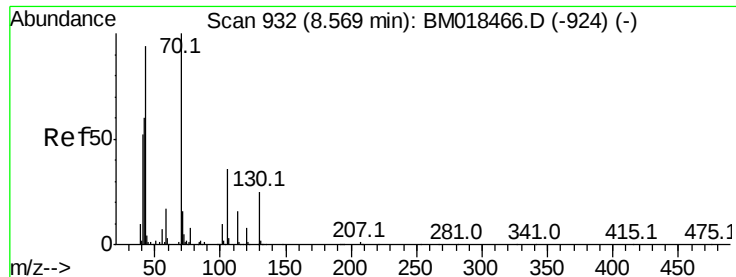
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#18
Hexachloroethane
Concen: 37.419 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

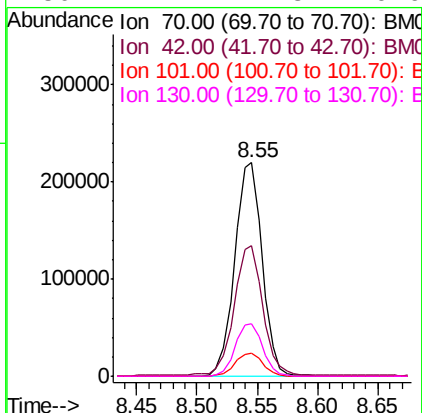
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	78.3	117.5	
201	110.0	81.4	122.0	





#19
n-Nitroso-di-n-propylamine
Concen: 36.993 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	54.0	81.0		
101	10.5	8.1	12.1		
130	24.7	17.8	26.6		



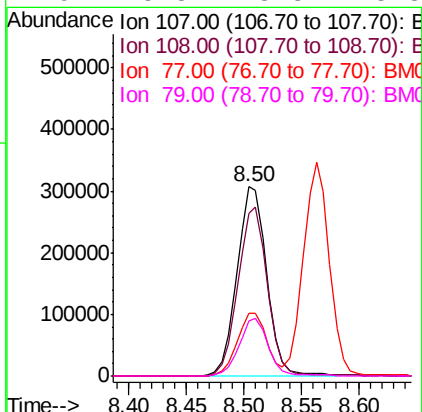
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

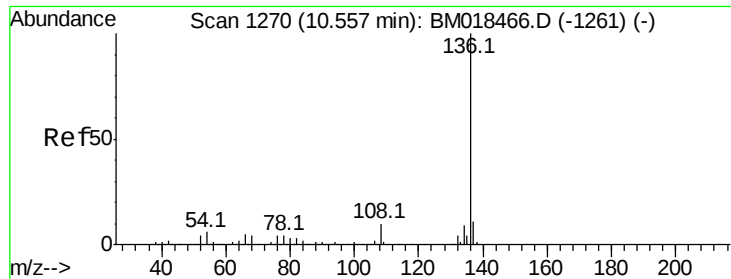
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#20
3+4-Methylphenols
Concen: 39.710 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.2	66.8	106.8		
77	33.1	13.3	53.3		
79	28.8	8.8	48.8		





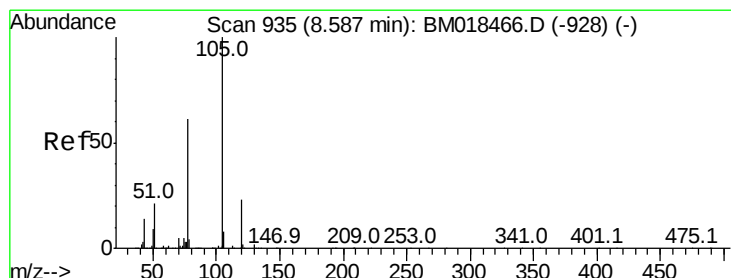
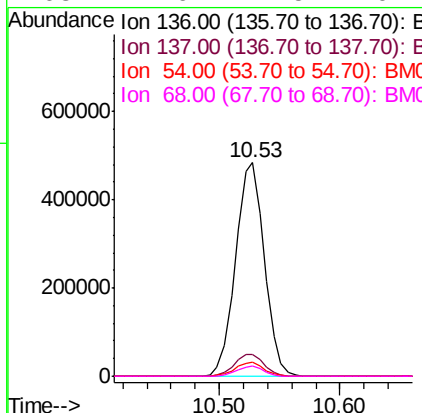
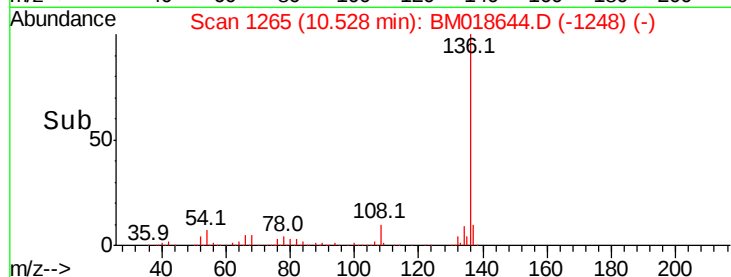
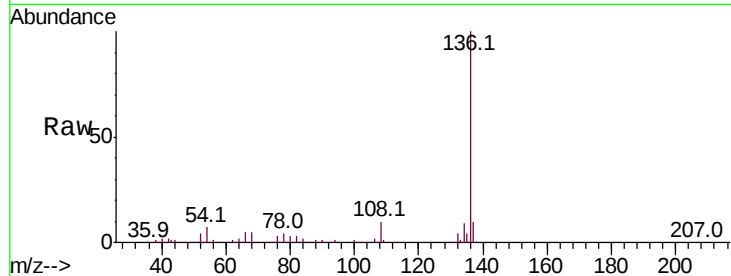
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	803215		
137	10.3		8.5	12.7
54	6.5		6.0	9.0
68	4.6		4.5	6.7

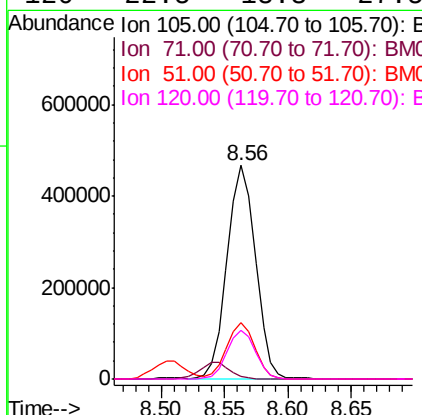
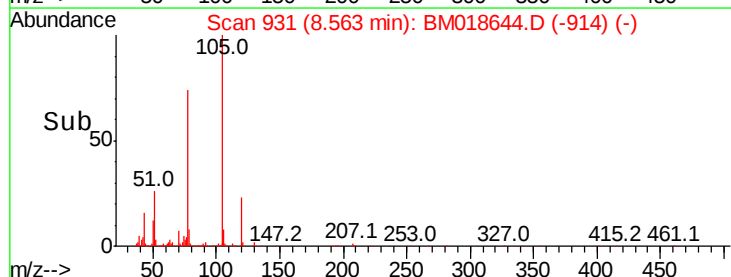
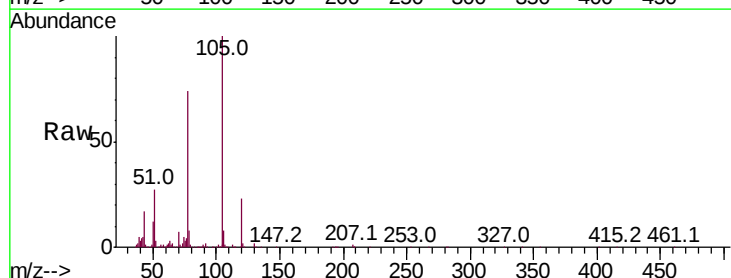
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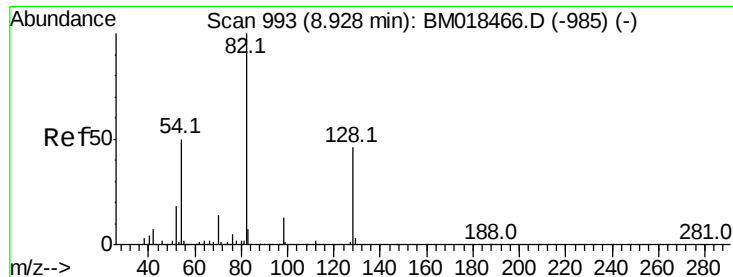
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#22
Acetophenone
Concen: 36.392 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	723090		
71	1.0		1.7	2.5#
51	26.5		22.6	34.0
120	22.5		18.3	27.5





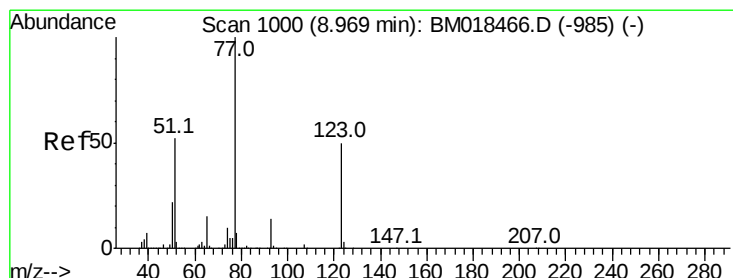
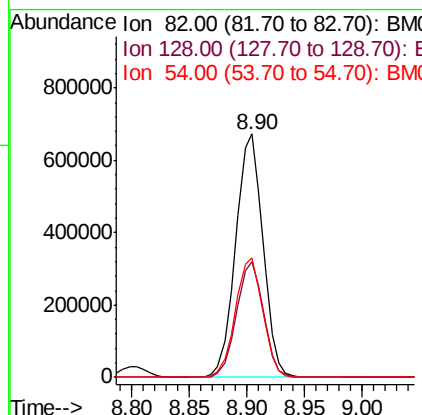
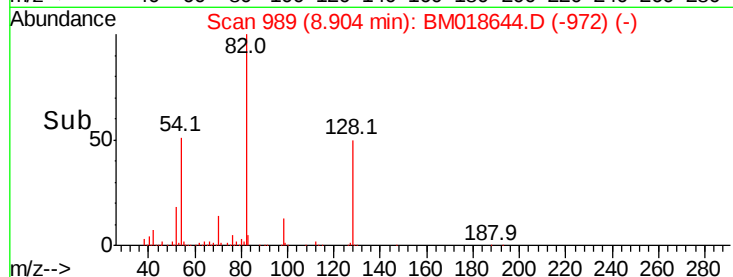
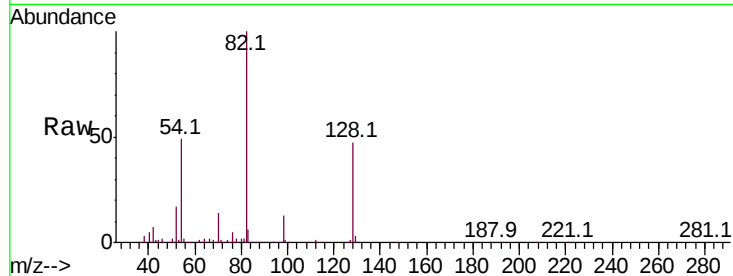
#23
 Nitrobenzene-d5
 Concen: 79.425 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

Tot Ion: 82 Resp: 1100476
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.3 54.5
 54 49.1 41.7 62.5

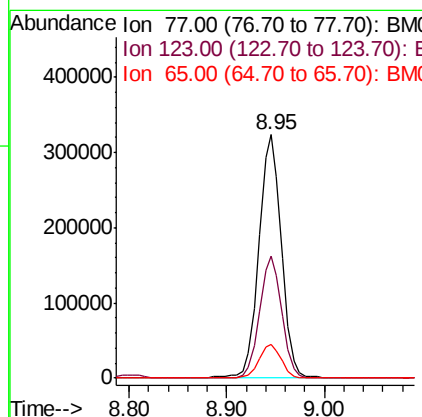
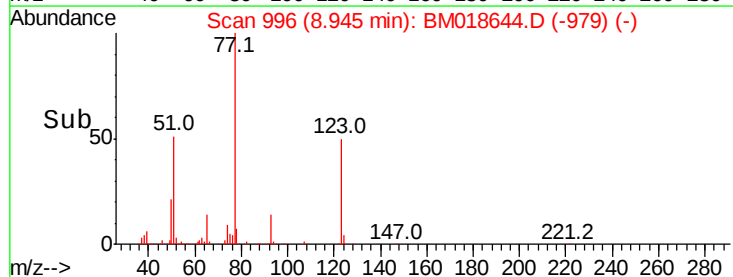
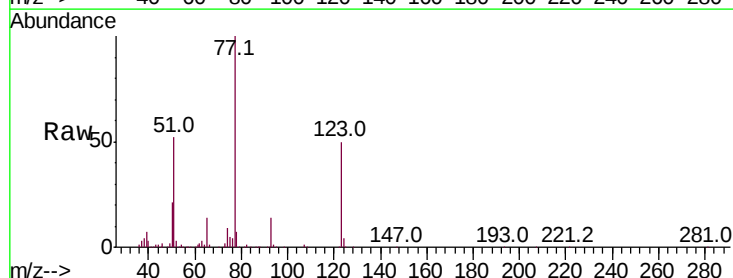
Manual Integrations
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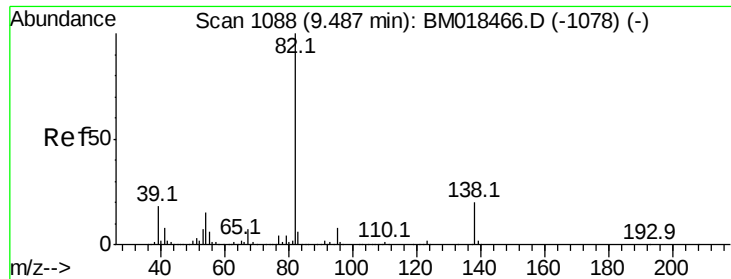
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#24
 Nitrobenzene
 Concen: 38.420 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Tgt Ion: 77 Resp: 523772
 Ion Ratio Lower Upper
 77 100
 123 50.2 37.7 56.5
 65 13.9 11.0 16.6





#25

Isophorone

Concen: 44.990 ng

RT: 9.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

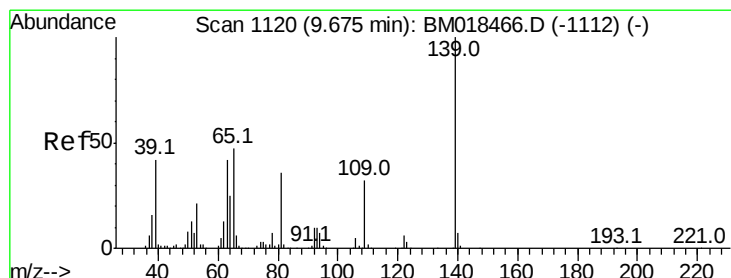
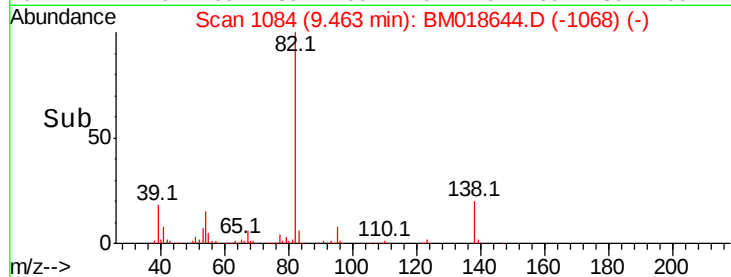
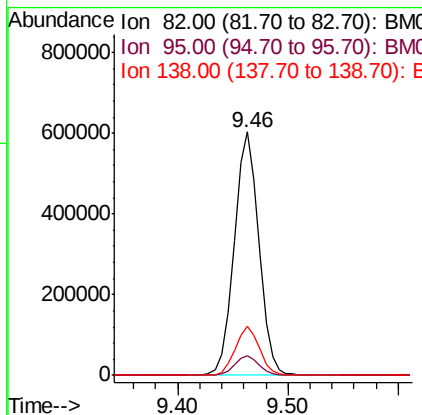
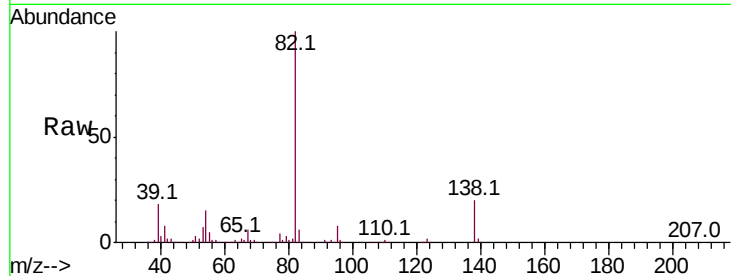
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion	82	Resp	943937
Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.1	9.1
138	20.3	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.681 ng

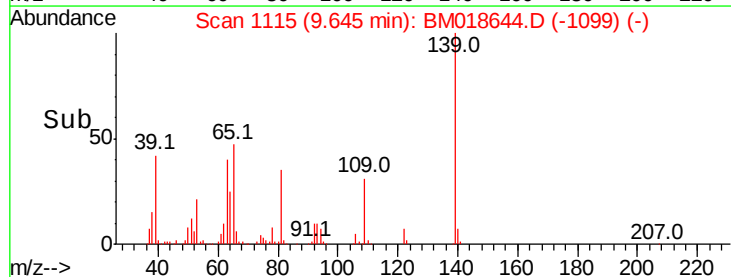
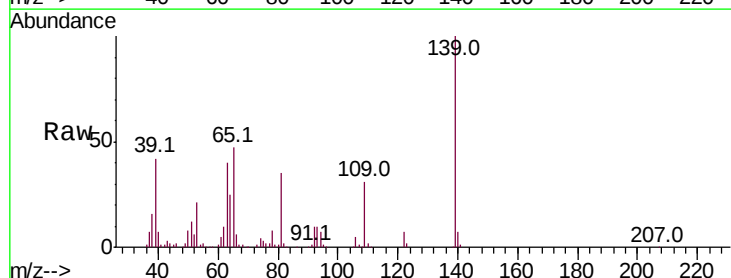
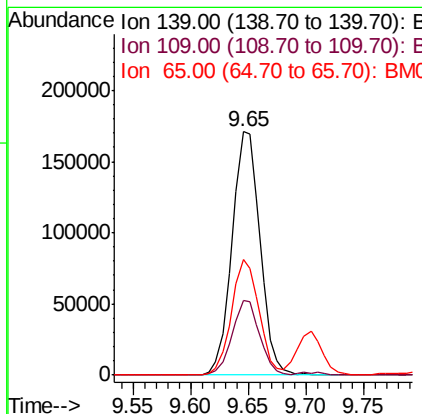
RT: 9.65 min Scan# 1115

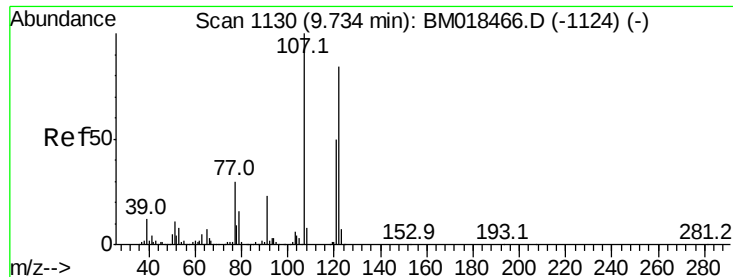
Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion	139	Resp	287946
Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.4	35.2
65	47.5	39.4	59.2





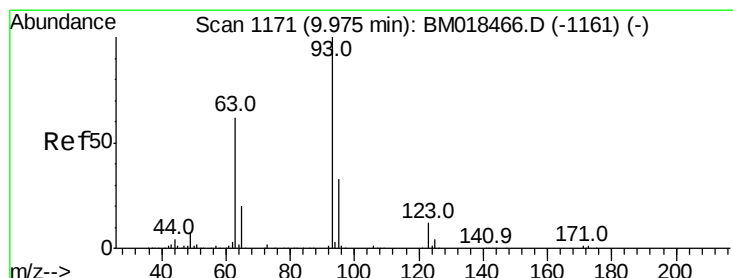
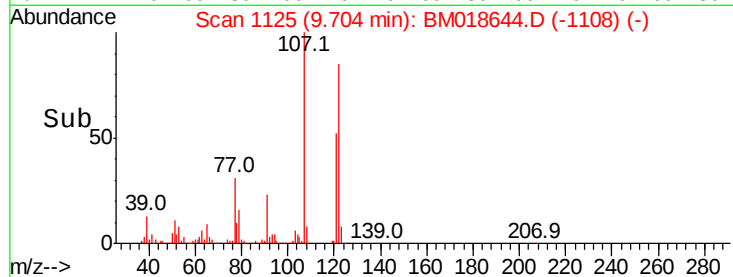
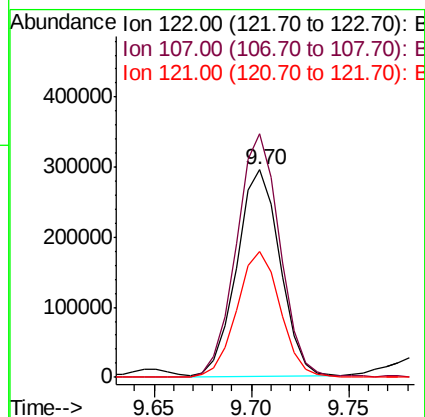
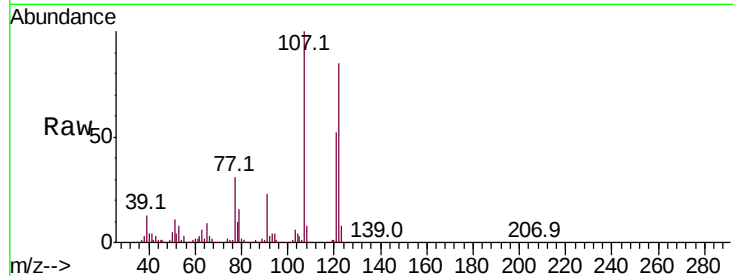
#27
2,4-Dimethylphenol
Concen: 45.796 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	452495		
107	117.4	91.9	137.9	
121	60.7	47.5	71.3	

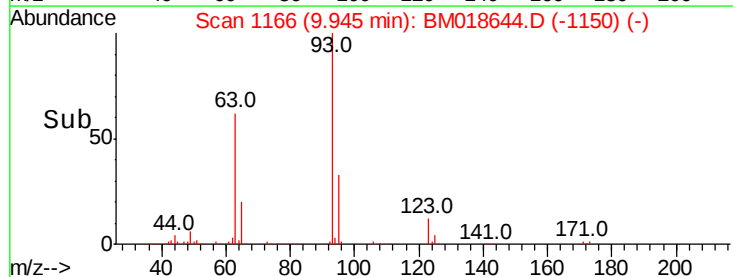
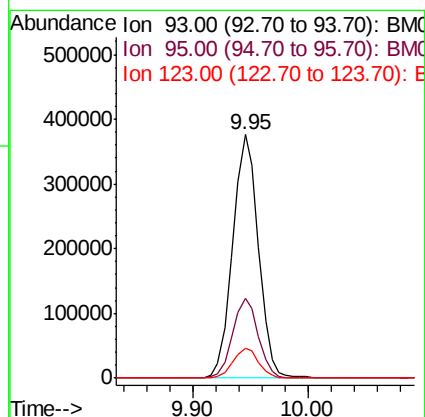
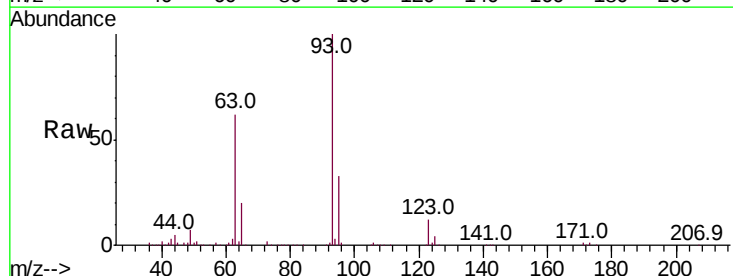
Manual Integrations
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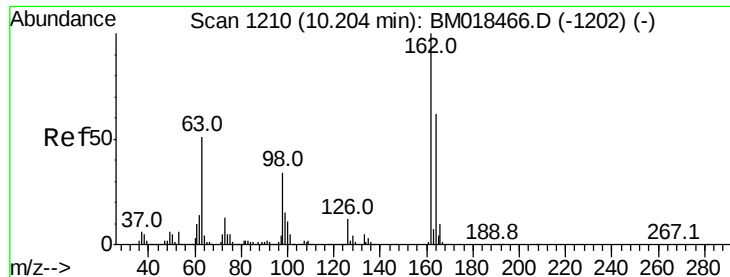
Sohil
1/21/2019 1:58:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.072 ng
RT: 9.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	580805		
95	32.6	26.6	39.8	
123	12.2	9.9	14.9	





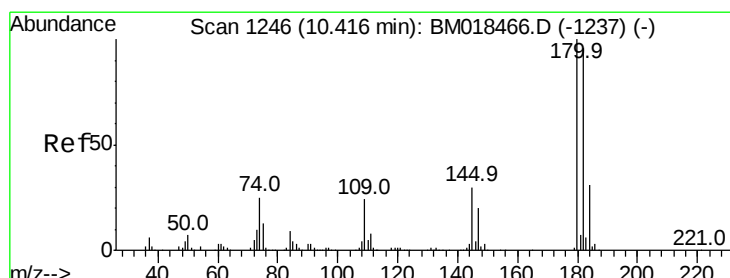
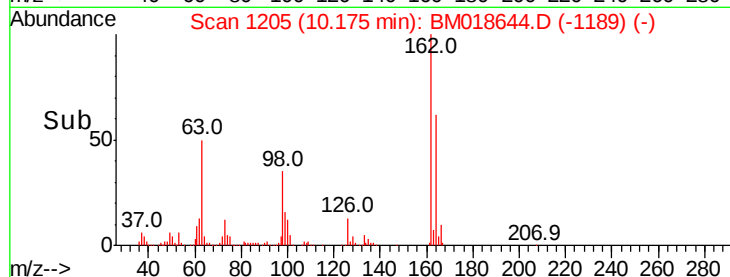
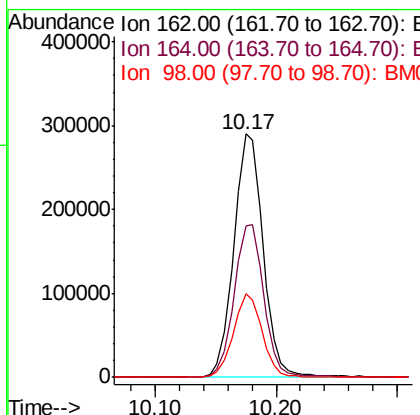
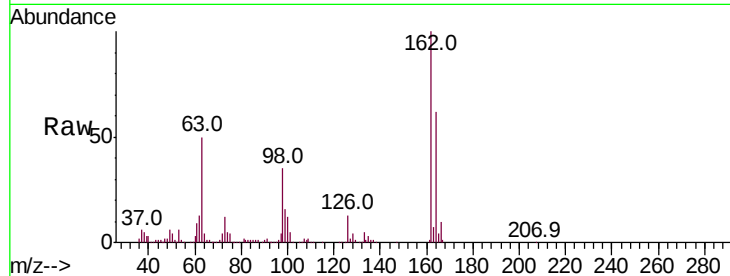
#29
 2,4-Dichlorophenol
 Concen: 41.783 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.2	45.6	85.6	
98	34.6	14.7	54.7	

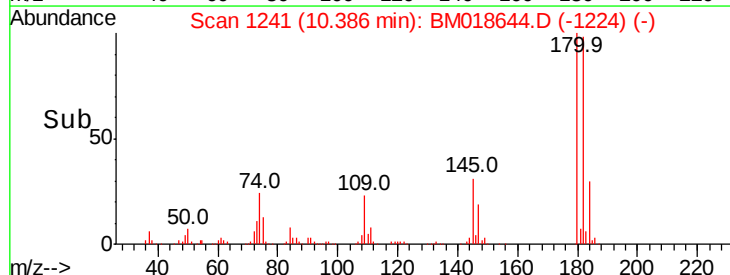
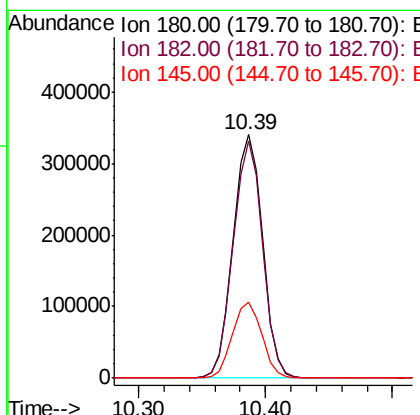
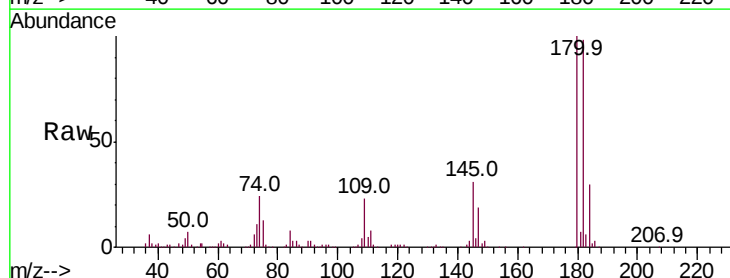
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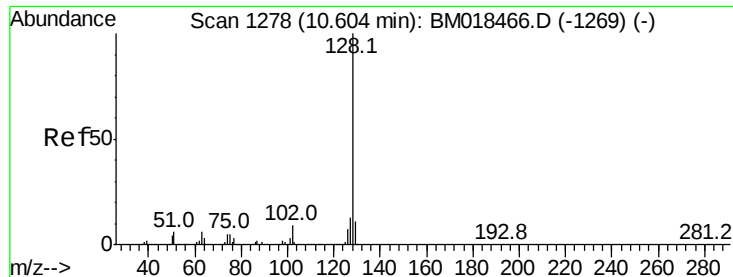
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.581 ng
 RT: 10.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.5	77.4	116.2	
145	31.2	24.6	37.0	





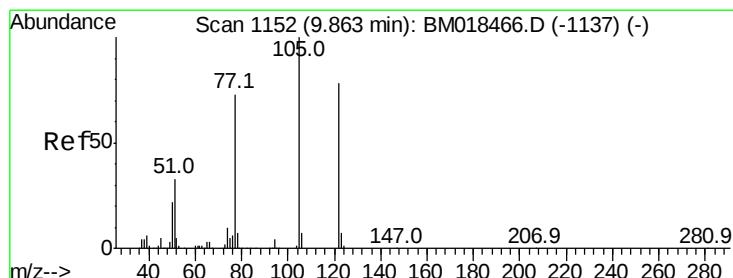
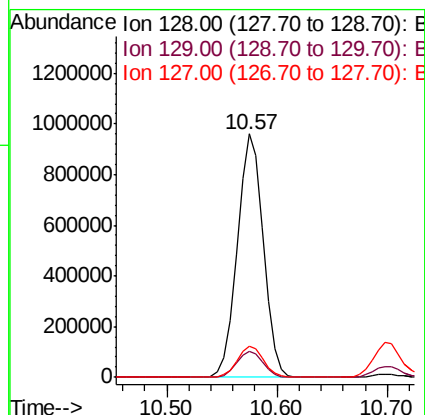
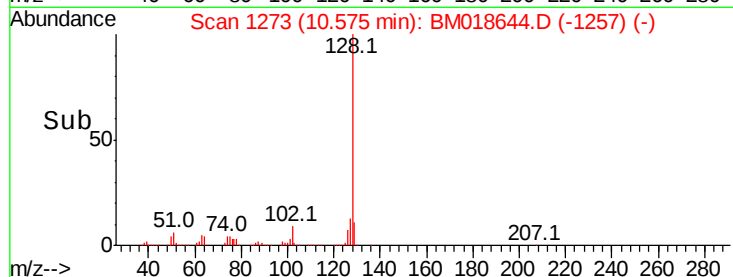
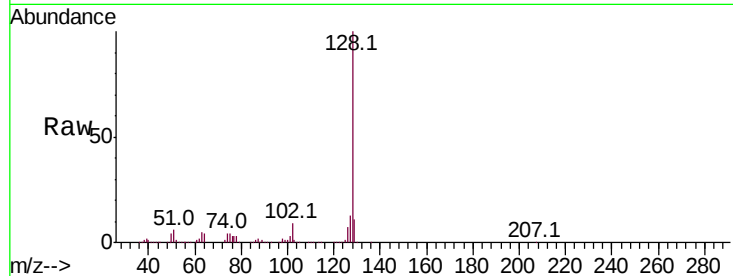
#31
Naphthalene
Concen: 41.021 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot	Ion:128	Resp:	1586826
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.7	10.8	16.2

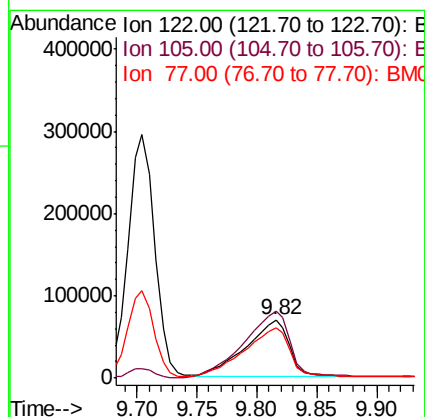
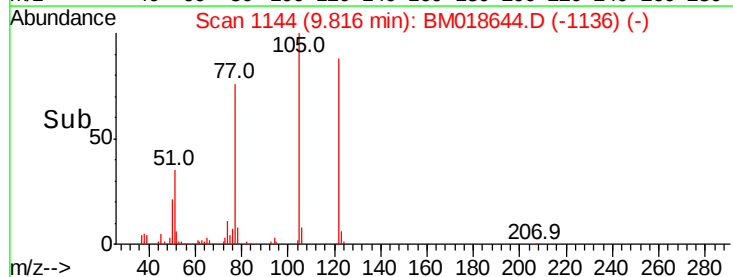
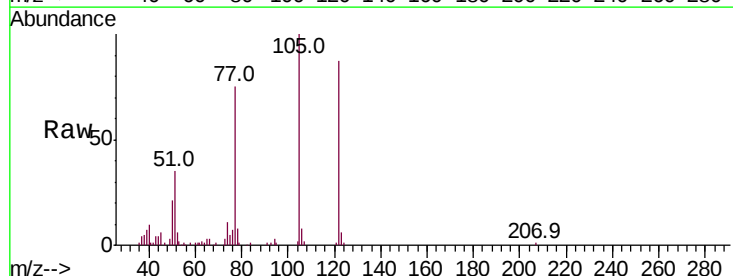
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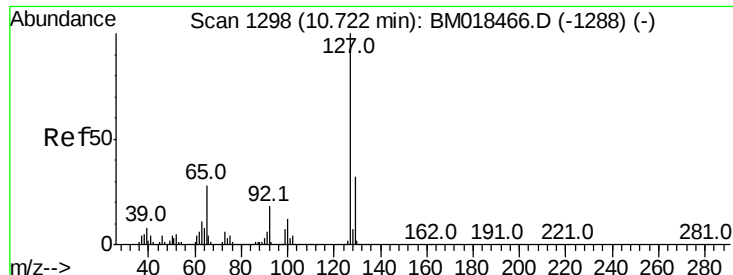
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#32
Benzoic acid
Concen: 29.090 ng m
RT: 9.82 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt	Ion:122	Resp:	173813
Ion	Ratio	Lower	Upper
122	100		
105	114.8	100.4	140.4
77	86.7	71.7	111.7





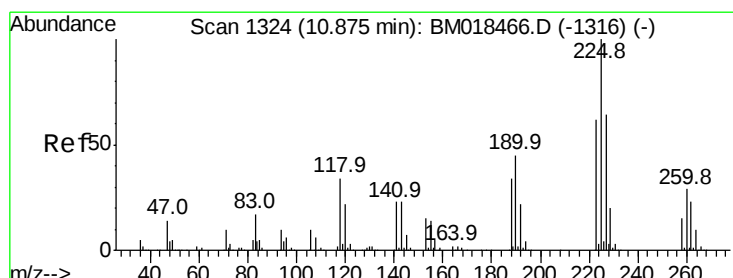
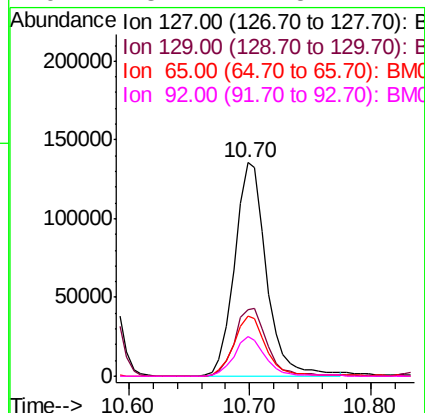
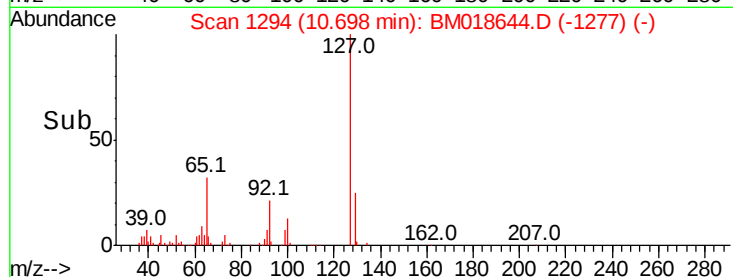
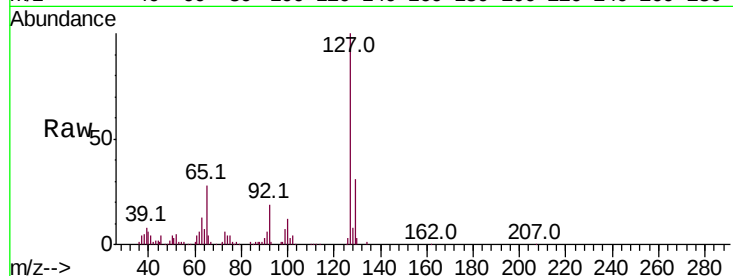
#33
4-Chloroaniline
Concen: 16.369 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.9	38.9		
65	28.4	23.4	35.2		
92	18.7	14.5	21.7		

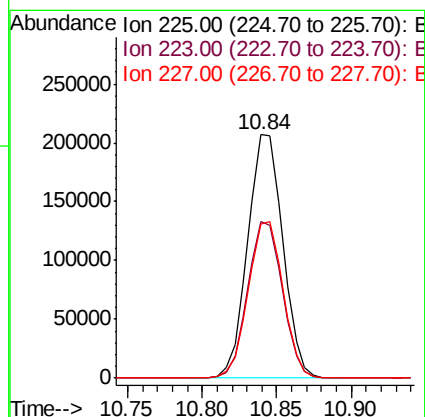
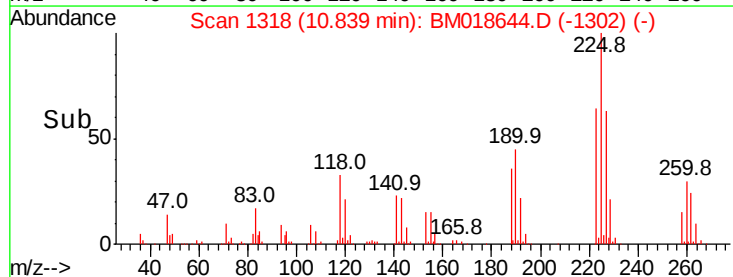
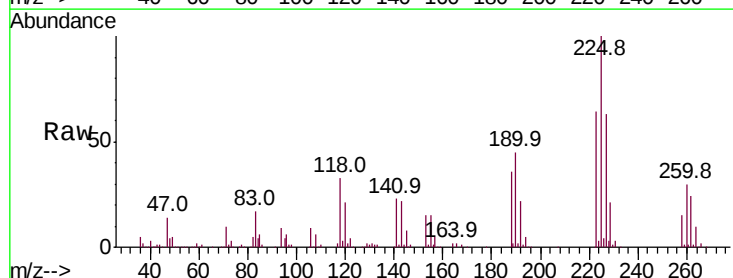
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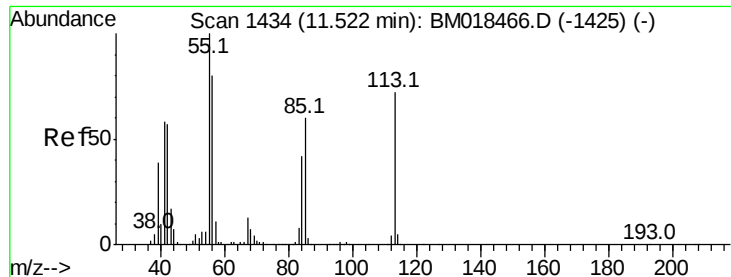
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#34
Hexachlorobutadiene
Concen: 36.363 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.8	76.2		
227	63.3	50.4	75.6		





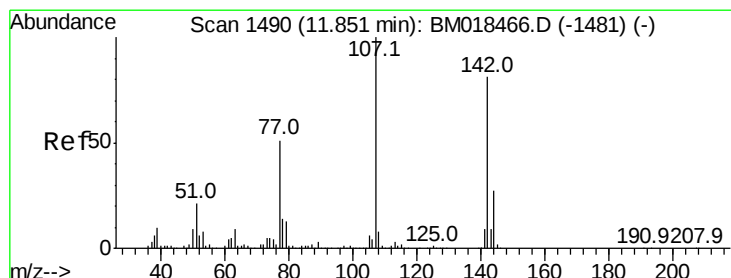
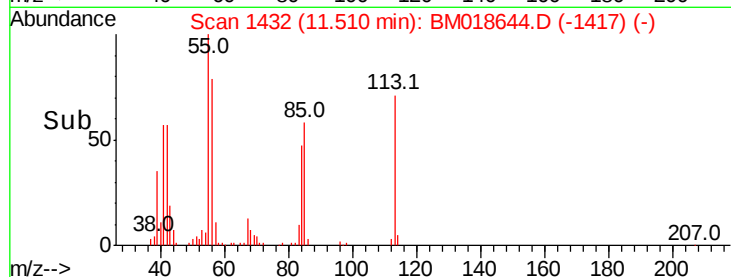
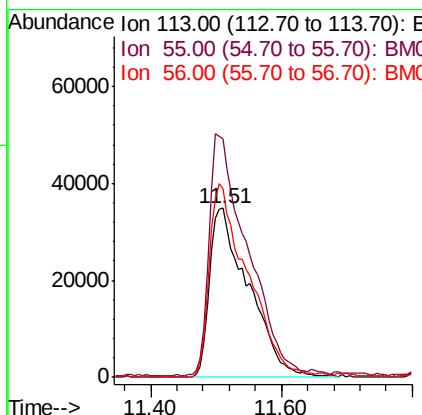
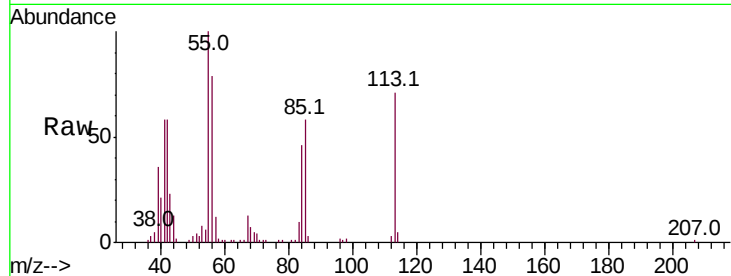
#35
Caprolactam
Concen: 36.284 ng/ml
RT: 11.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	141.2	139.3	179.3	
56	111.7	101.4	141.4	

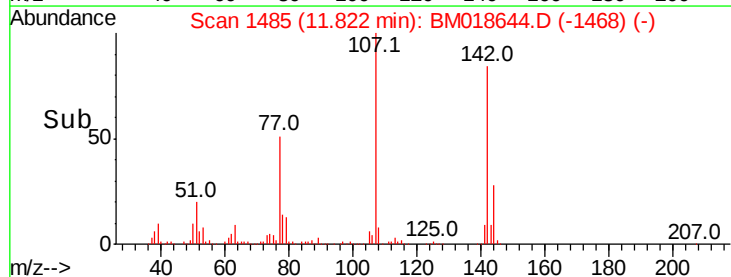
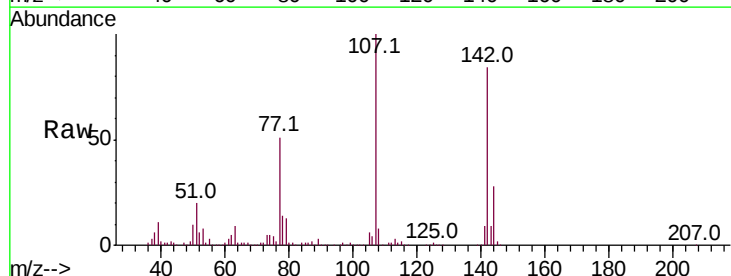
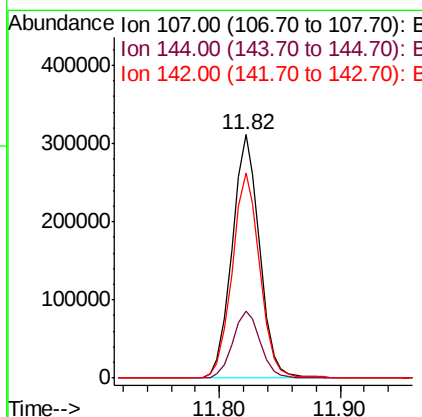
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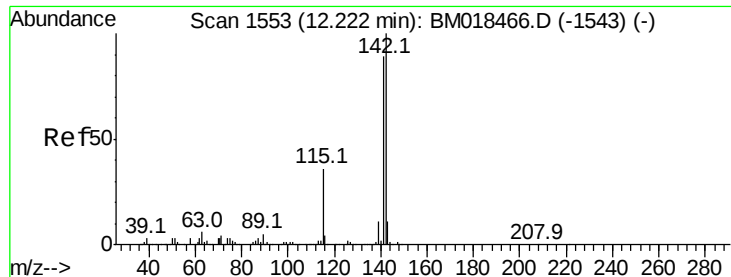
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 40.089 ng
RT: 11.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.8	21.9	32.9	
142	84.4	67.9	101.9	





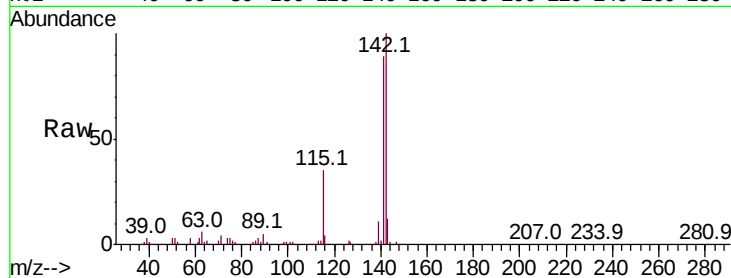
#37
2-Methylnaphthalene
Concen: 41.734 ng
RT: 12.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	34.8	28.0	42.0

Manual Integrations
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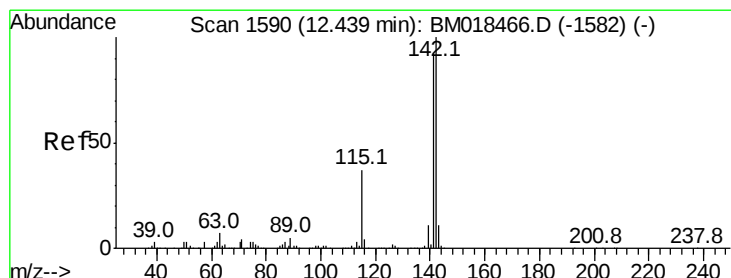
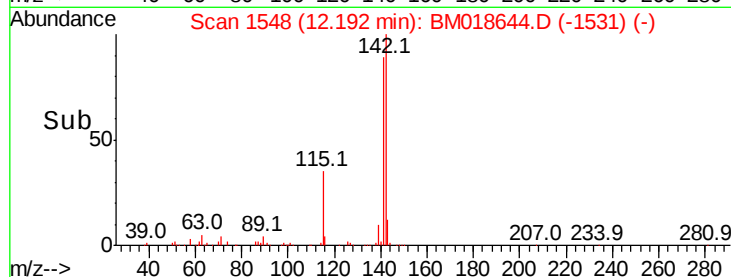
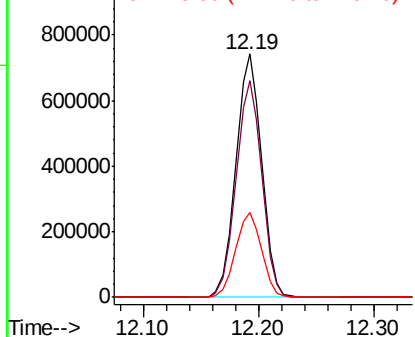


Abundance

Ion 142.00 (141.70 to 142.70): E

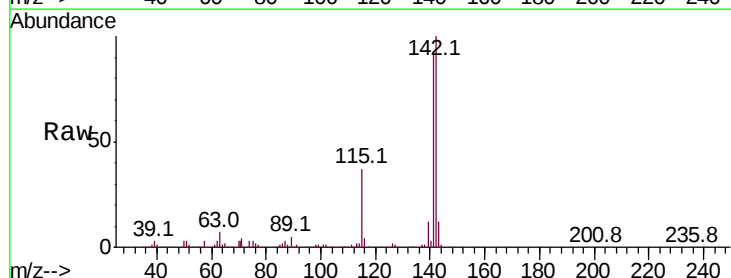
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.781 ng
RT: 12.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.6	113.4
116	3.7	3.0	4.6

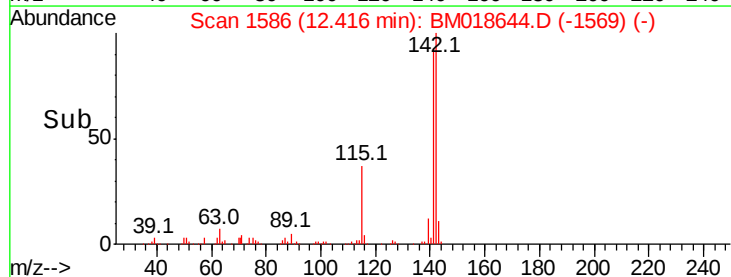
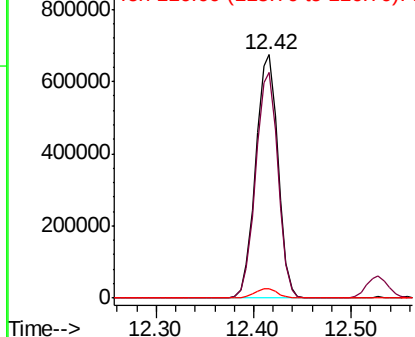


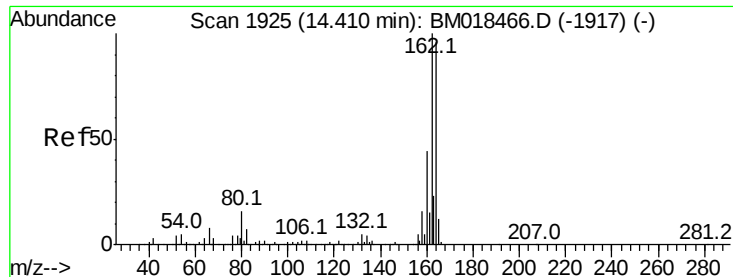
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





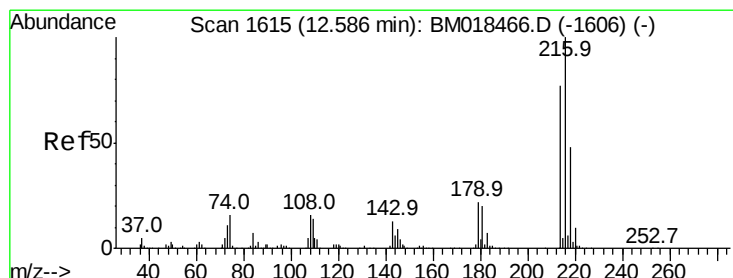
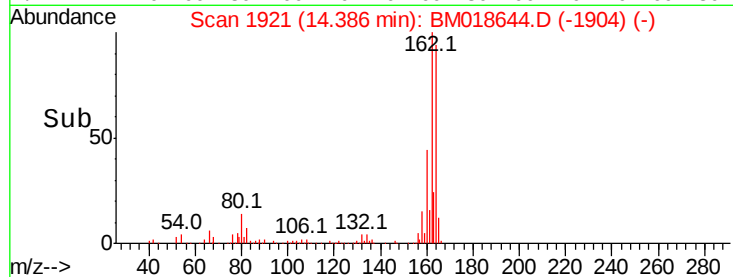
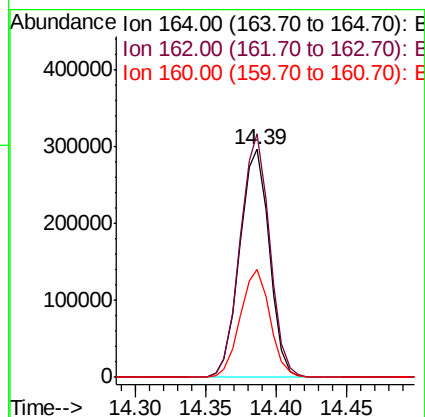
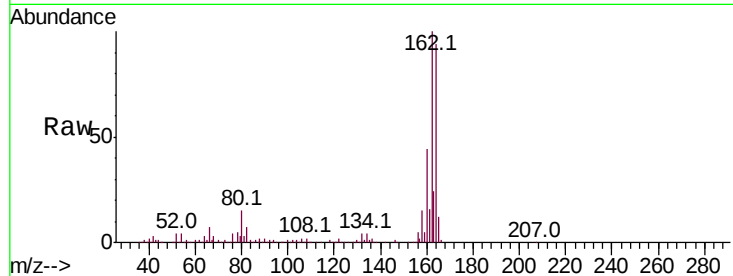
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.0	124.4
160	47.3	37.1	55.7

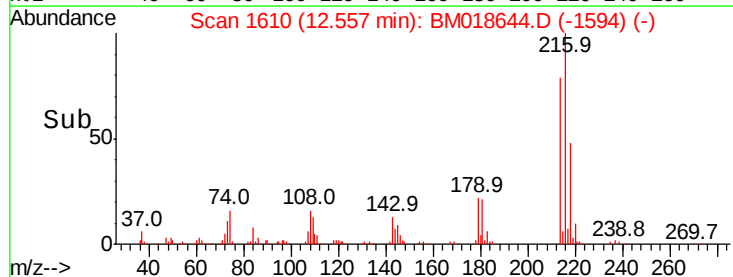
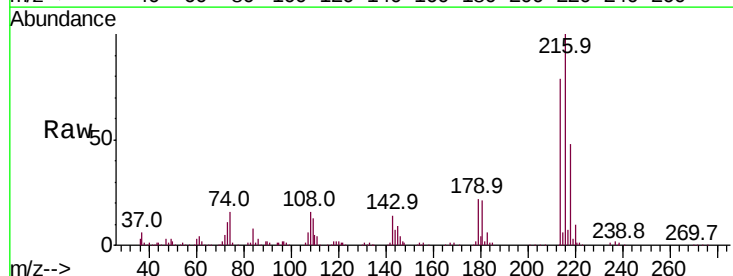
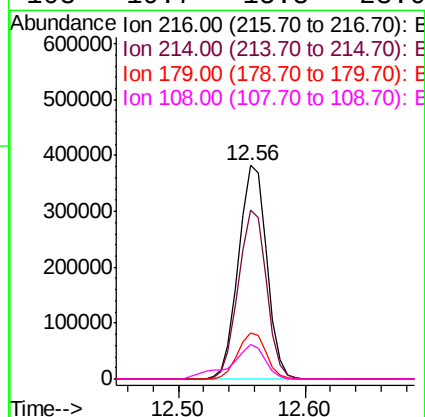
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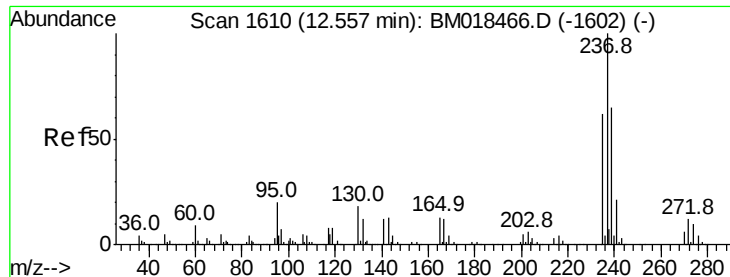
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.732 ng
RT: 12.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	21.6	17.9	26.9
108	19.7	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 90.965 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

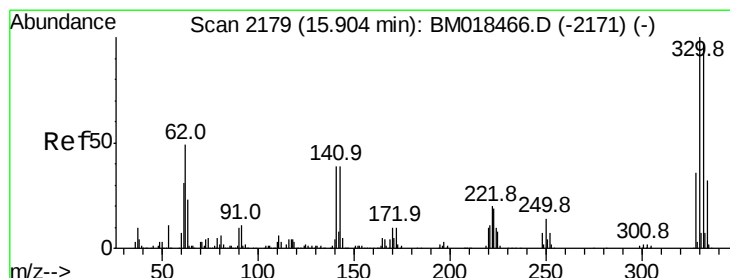
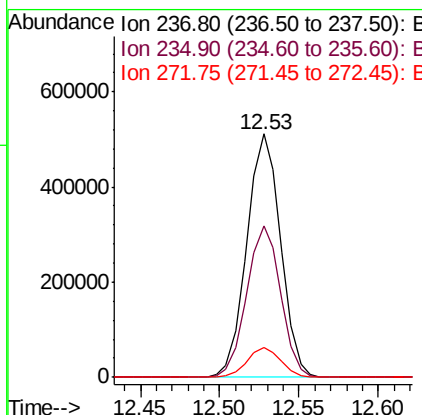
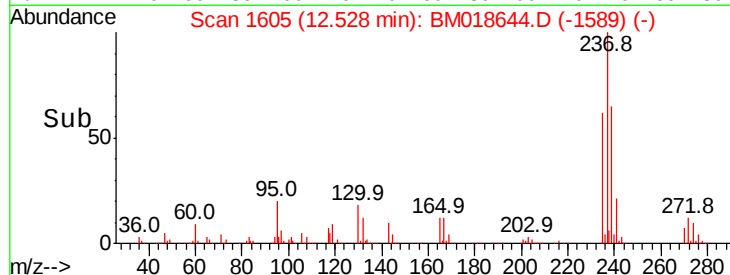
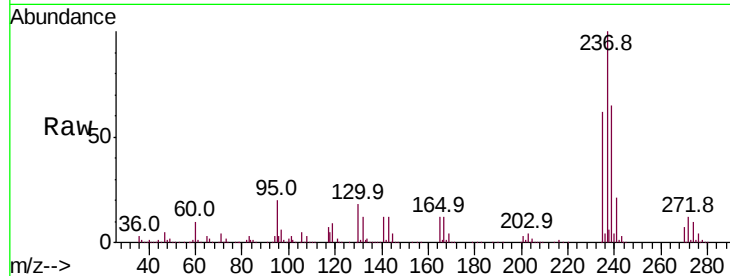
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	237	Resp:	759705
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.8	82.8
272	12.4	0.0	31.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 132.025 ng

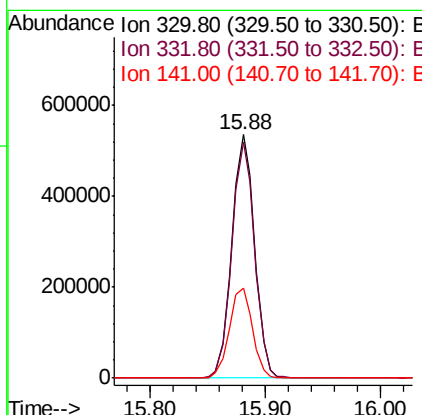
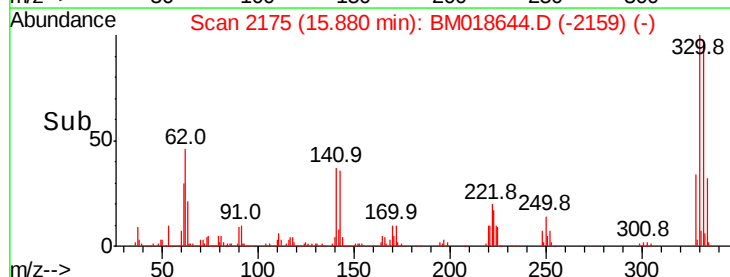
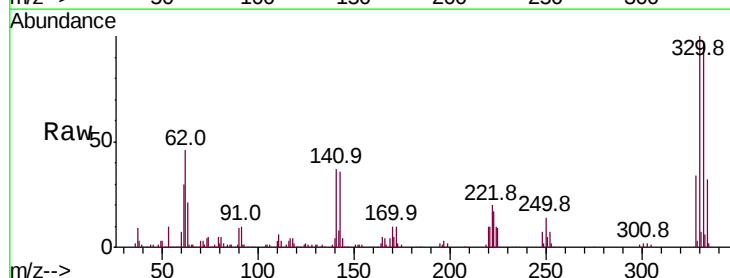
RT: 15.88 min Scan# 2175

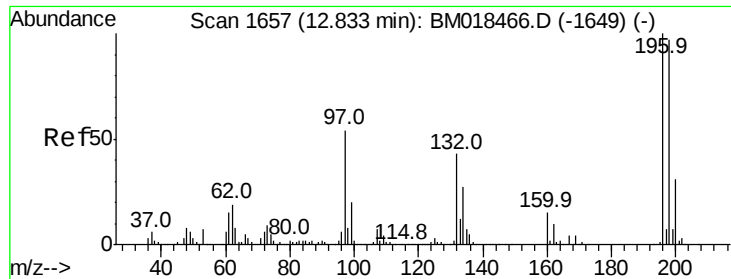
Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	330	Resp:	731512
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.6	116.4
141	37.8	31.7	47.5





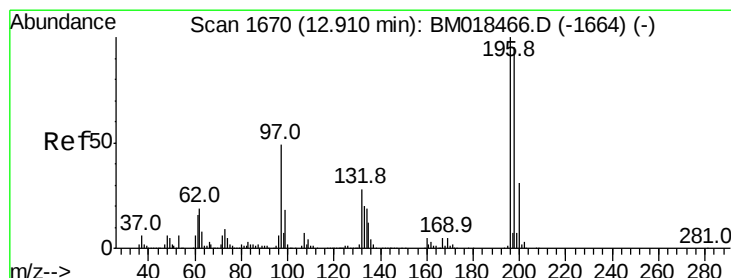
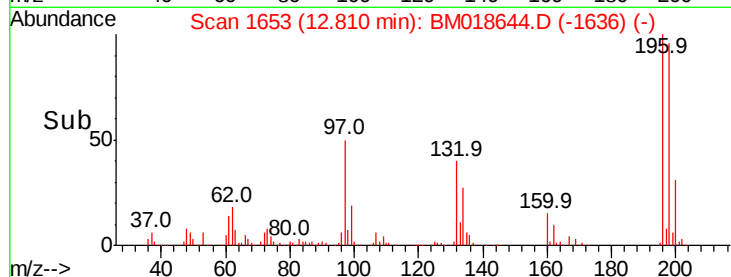
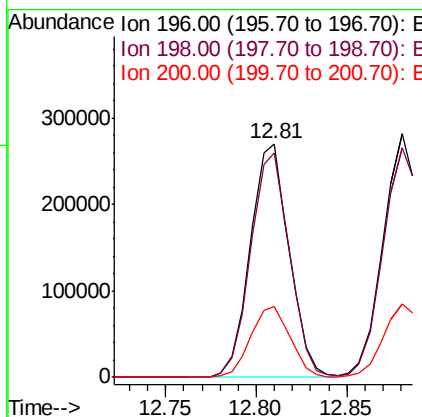
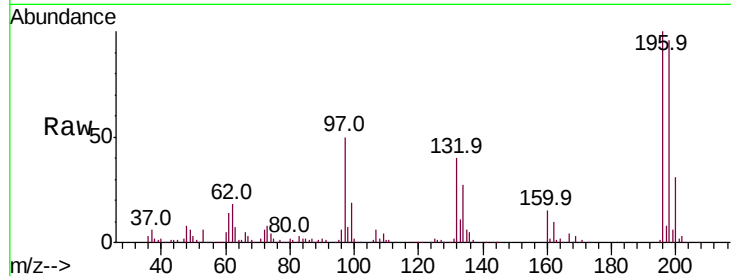
#43
 2,4,6-Trichlorophenol
 Concen: 43.583 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	402736		
198	95.8	76.6	115.0	
200	30.6	24.2	36.4	

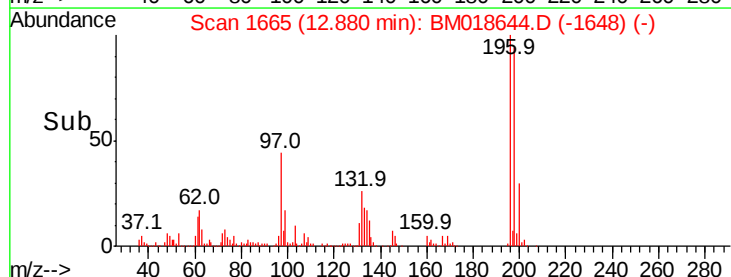
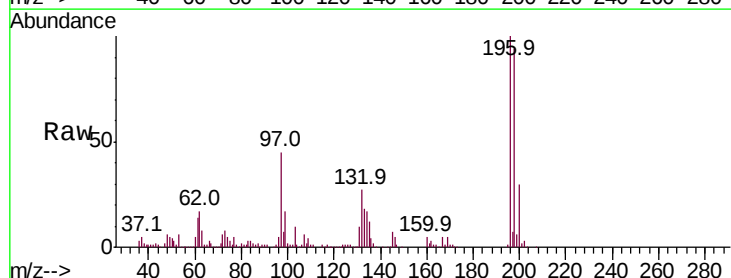
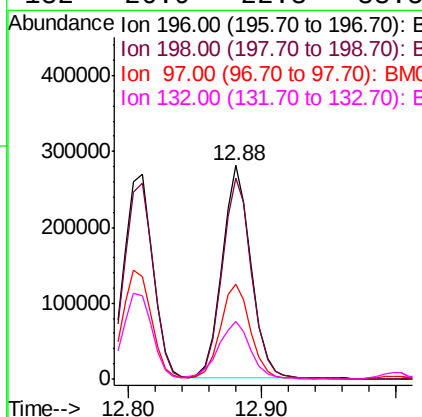
Manual Integrations
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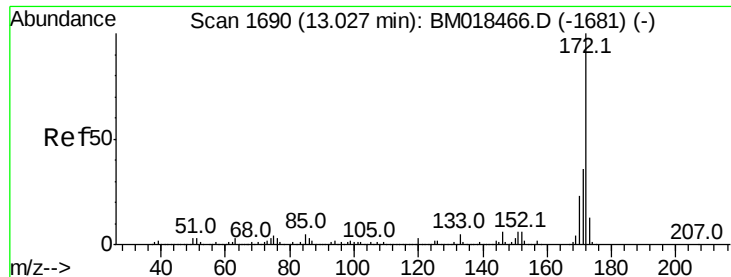
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 43.785 ng
 RT: 12.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	425526		
198	94.4	76.7	115.1	
97	44.7	39.2	58.8	
132	26.9	22.3	33.5	





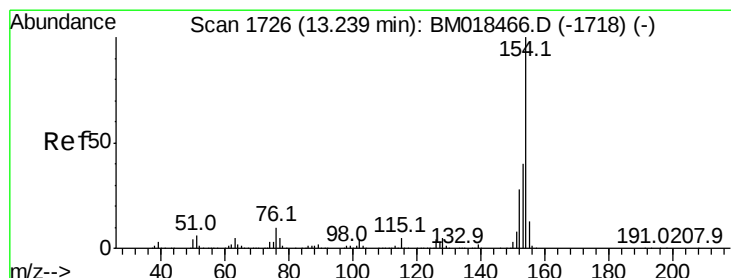
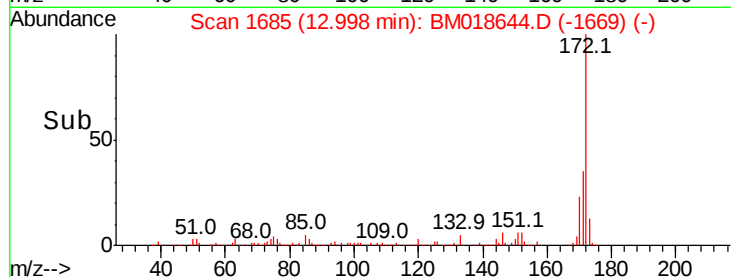
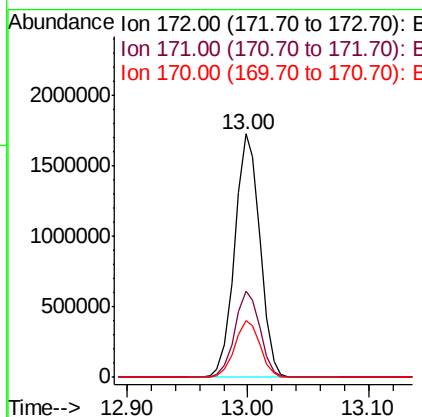
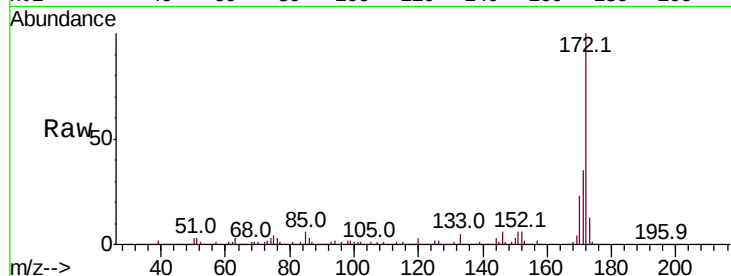
#45
2-Fluorobiphenyl
Concen: 75.262 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion:172 Resp: 2509863
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.9 28.3

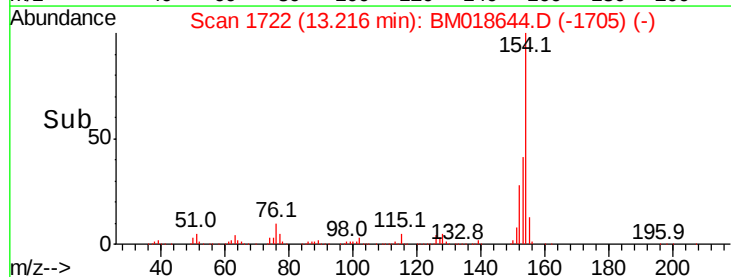
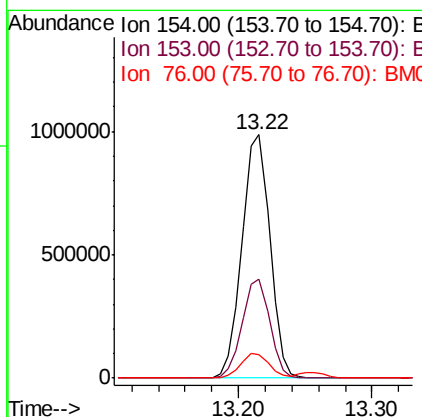
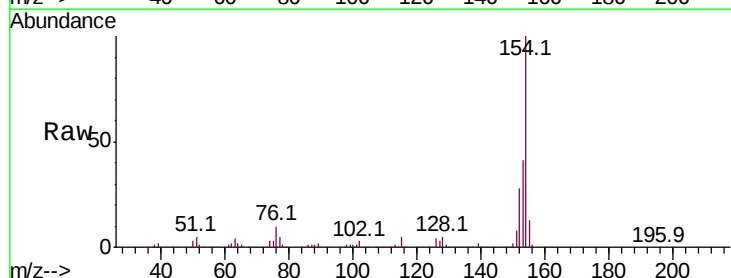
Manual Integrations
APPROVED

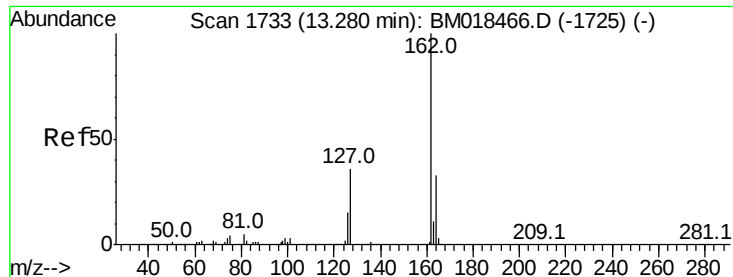
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#46
1,1'-Biphenyl
Concen: 37.628 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:154 Resp: 1429673
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 9.8 0.0 31.9





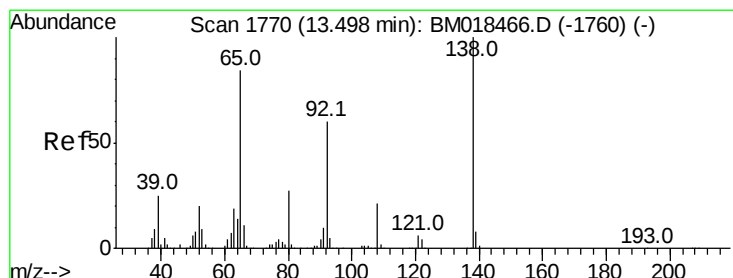
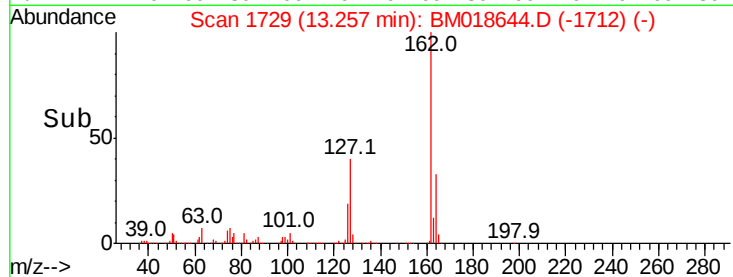
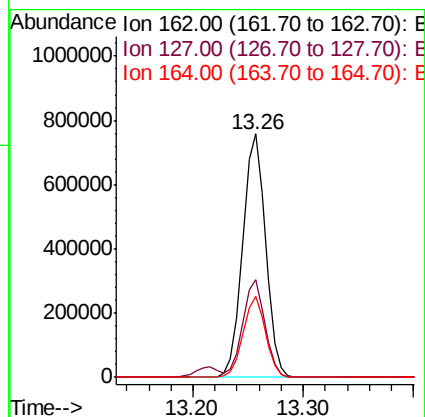
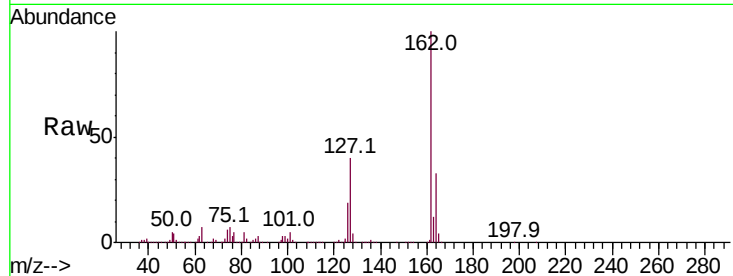
#47
2-Chloronaphthalene
Concen: 37.668 ng
RT: 13.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.4	47.0
164	33.2	26.2	39.4

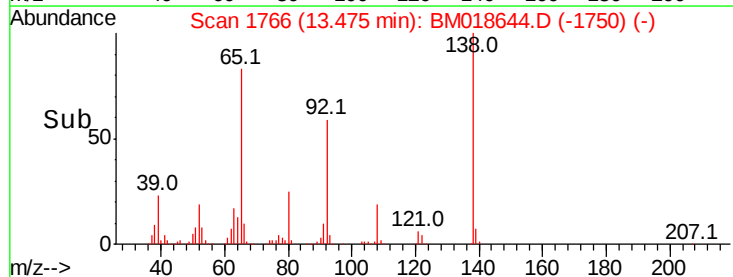
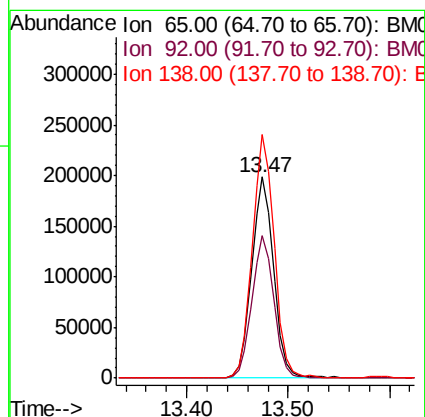
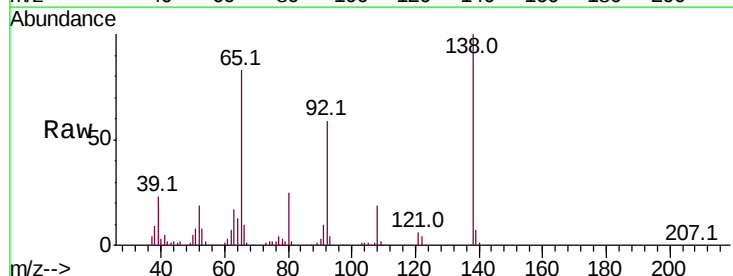
Manual Integrations
APPROVED

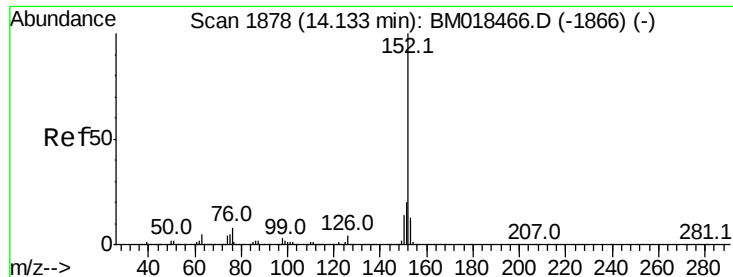
Sohil
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#48
2-Nitroaniline
Concen: 41.238 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.4	80.2
138	121.2	88.9	133.3





#49

Acenaphthylene

Concen: 41.780 ng

RT: 14.11 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

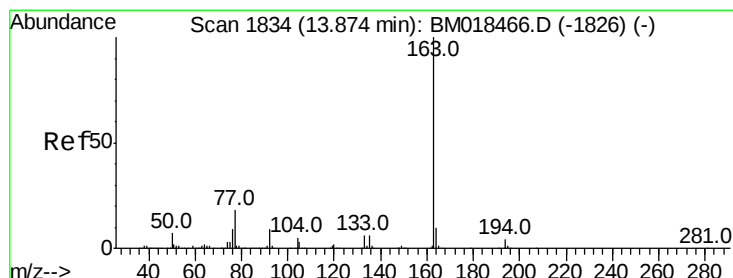
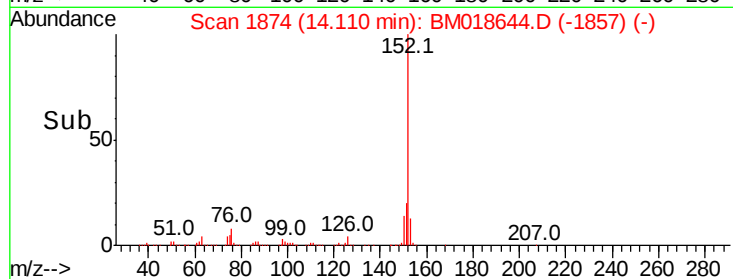
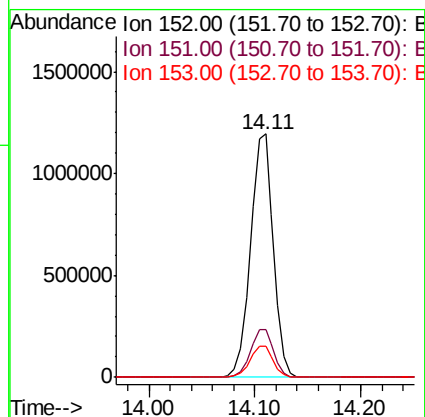
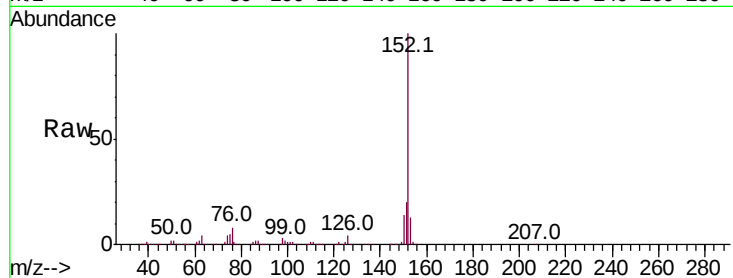
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	152	Resp:	1793966
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.8	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.902 ng

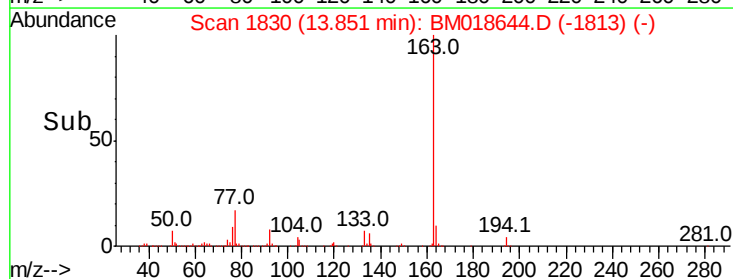
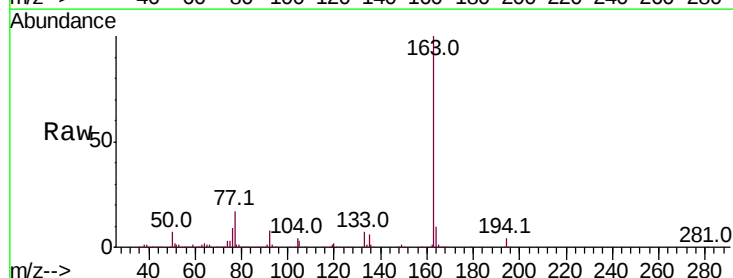
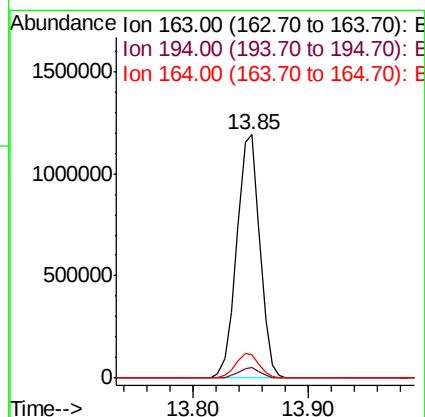
RT: 13.85 min Scan# 1830

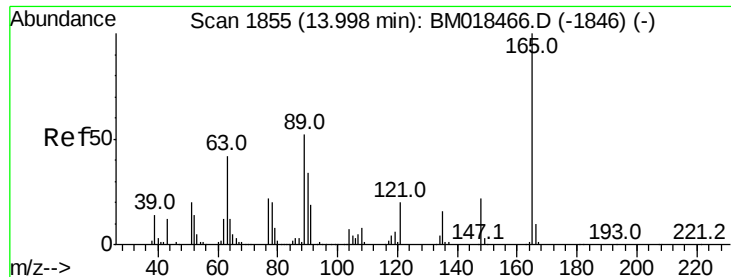
Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	163	Resp:	1640429
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.6	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 41.242 ng

RT: 13.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

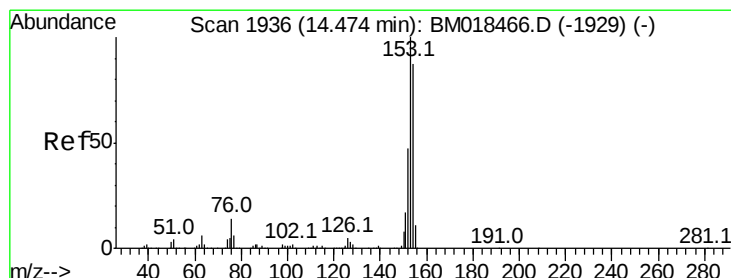
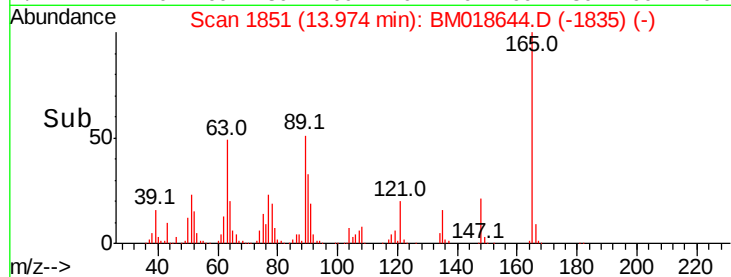
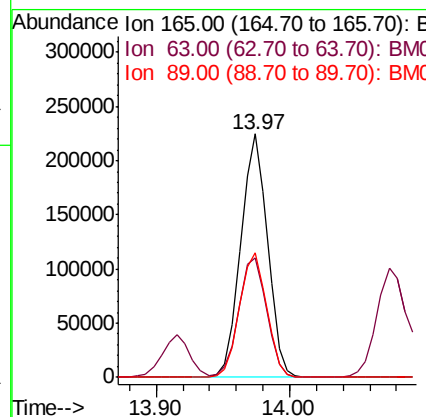
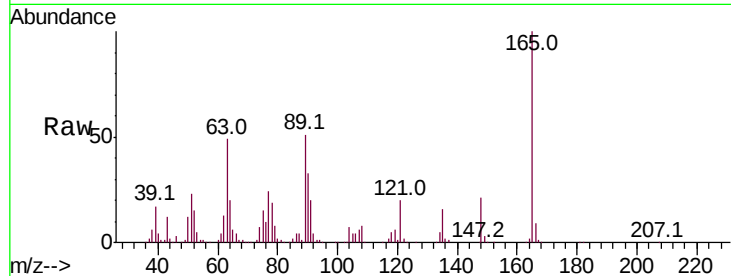
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	165	Resp:	312211
Ion Ratio	Lower	Upper	
165	100		
63	49.2	45.6	68.4
89	51.4	44.6	66.8

Manual Integrations
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#52

Acenaphthene

Concen: 39.278 ng

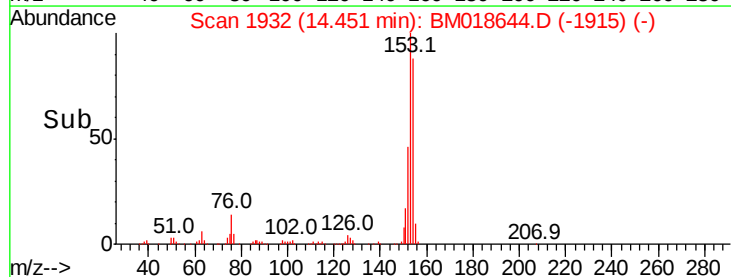
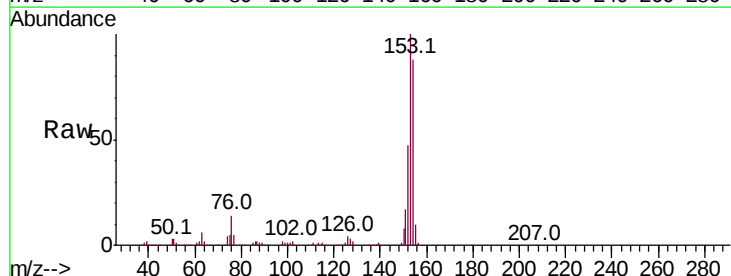
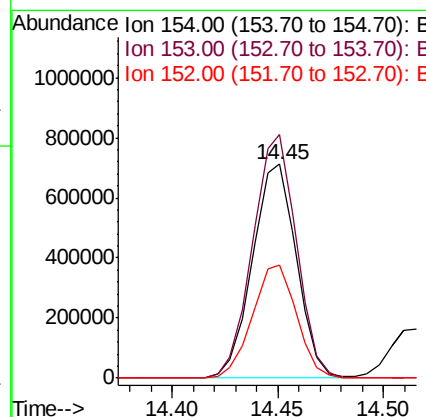
RT: 14.45 min Scan# 1932

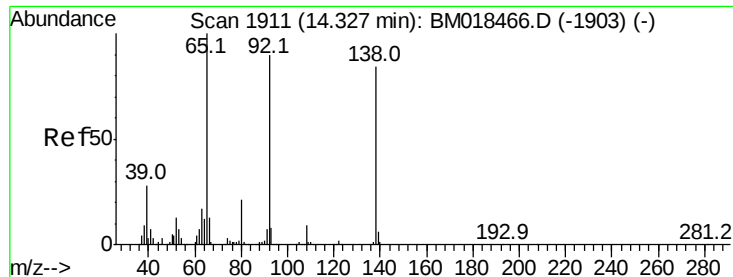
Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	154	Resp:	1031930
Ion Ratio	Lower	Upper	
154	100		
153	113.8	92.3	138.5
152	52.9	43.8	65.6





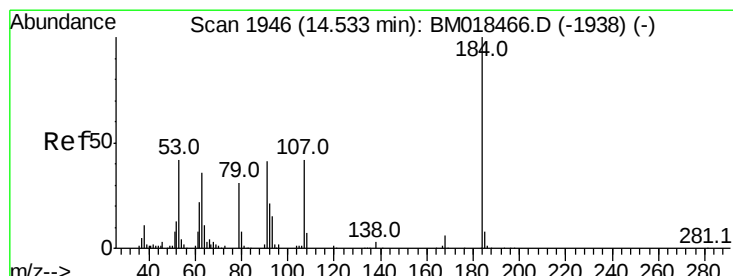
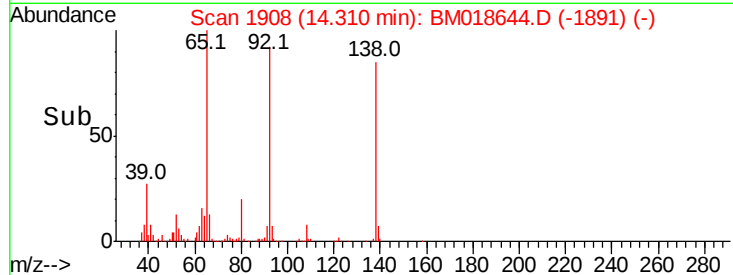
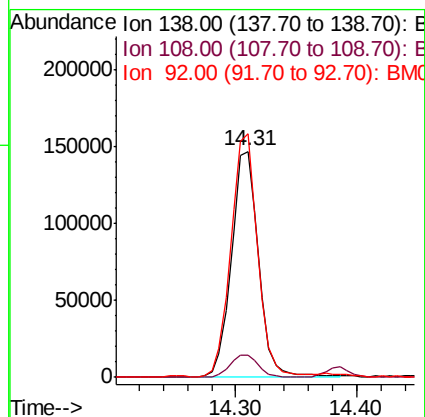
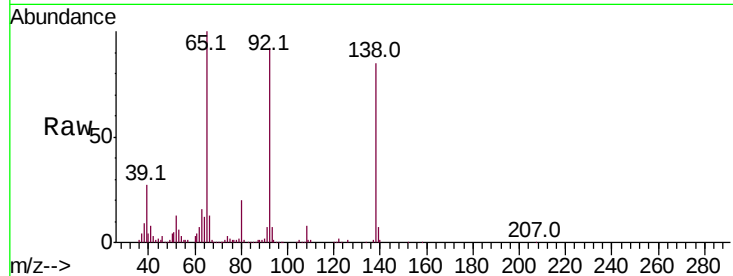
#53
3-Nitroaniline
Concen: 30.246 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	107.6	88.2	132.2

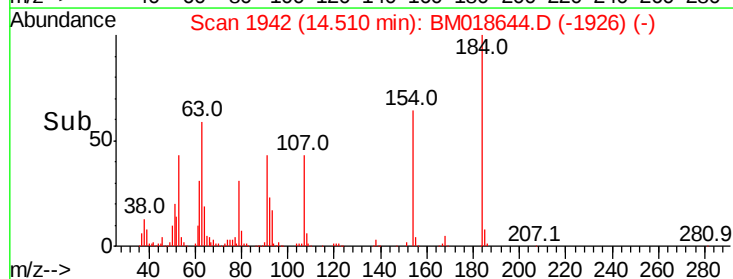
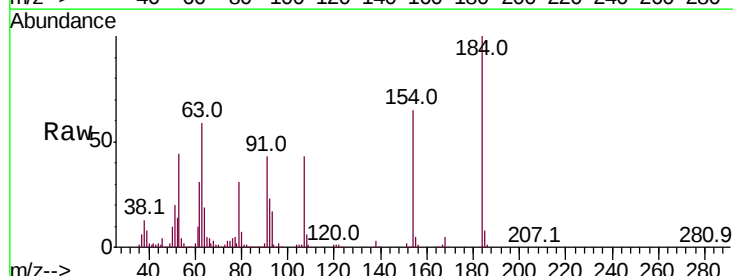
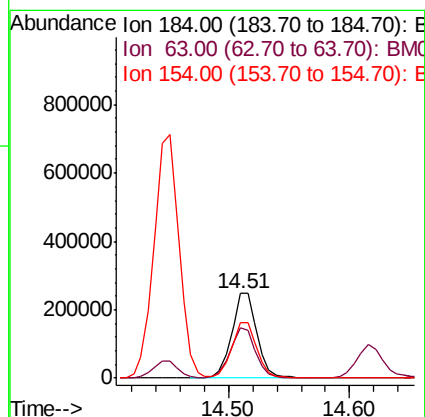
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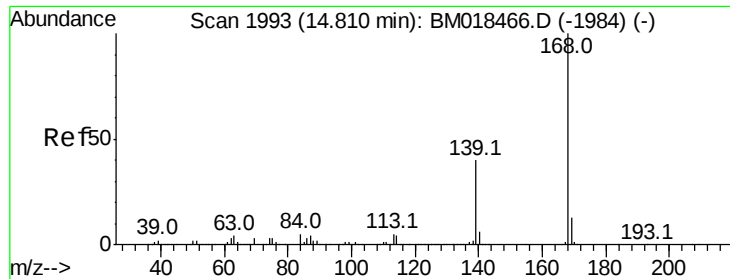
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#54
2,4-Dinitrophenol
Concen: 87.544 ng
RT: 14.51 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	55.9	83.9
154	64.9	54.2	81.4





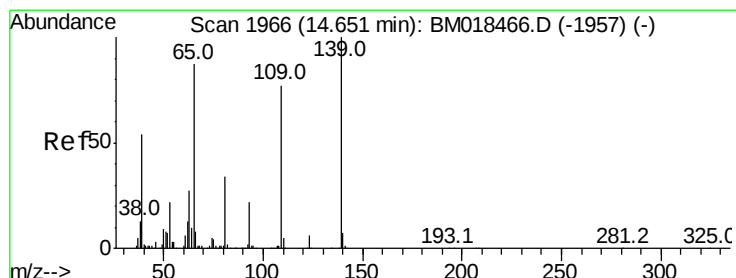
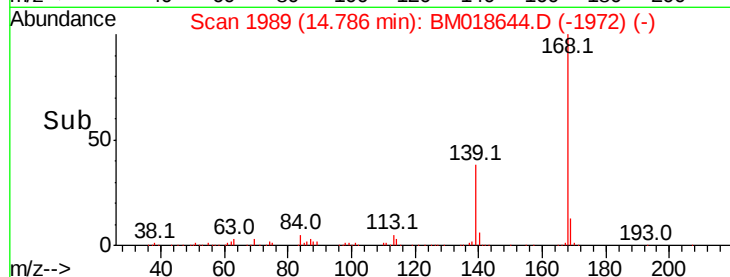
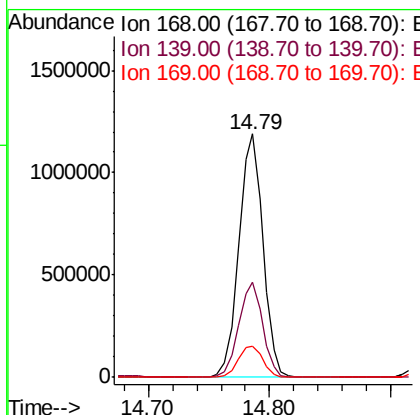
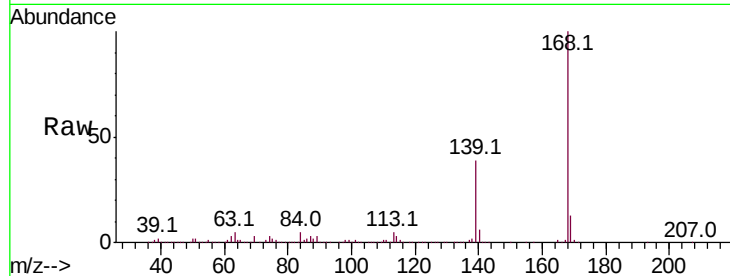
#55
Dibenzofuran
Concen: 38.016 ng
RT: 14.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion:168 Resp: 1650225
Ion Ratio Lower Upper
168 100
139 39.0 30.3 45.5
169 13.0 10.6 16.0

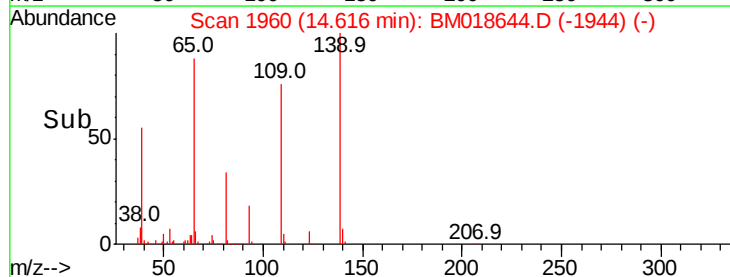
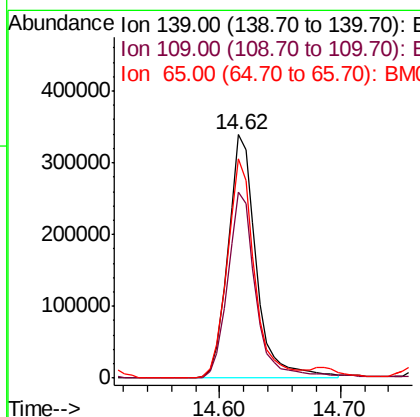
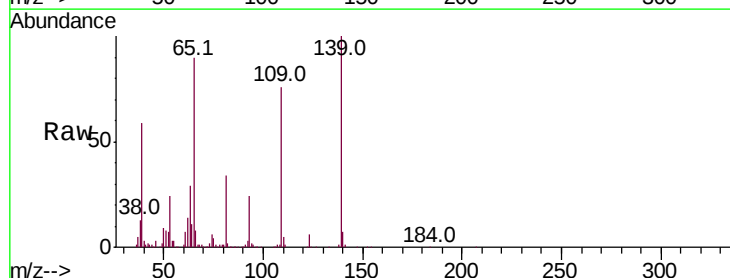
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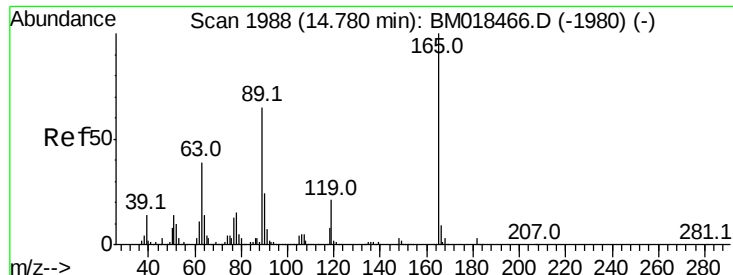
Sohil
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#56
4-Nitrophenol
Concen: 83.820 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:139 Resp: 552642
Ion Ratio Lower Upper
139 100
109 76.2 51.7 91.7
65 90.0 71.4 111.4





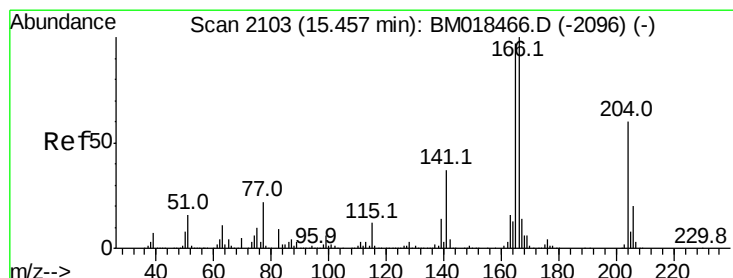
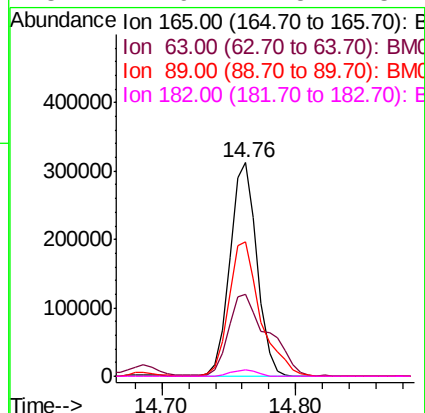
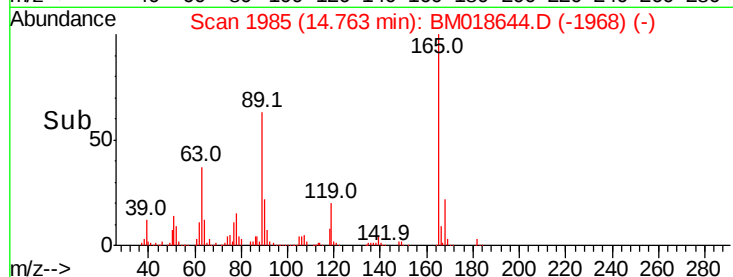
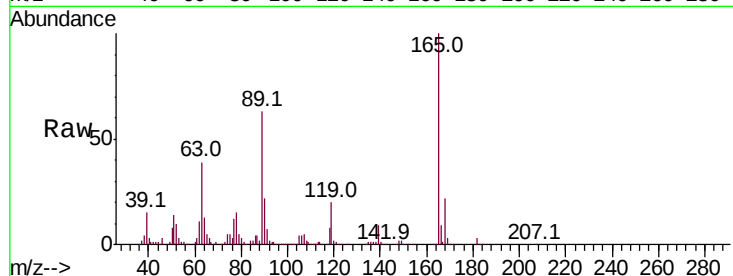
#57
2,4-Dinitrotoluene
Concen: 41.136 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion:	165	Resp:	440601
Ion Ratio	Lower	Upper	
165	100		
63	38.7	32.2	48.2
89	63.1	52.1	78.1
182	2.9	2.5	3.7

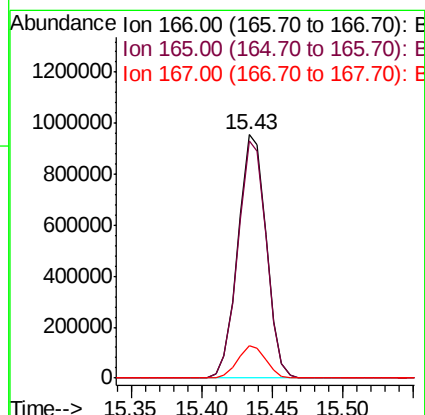
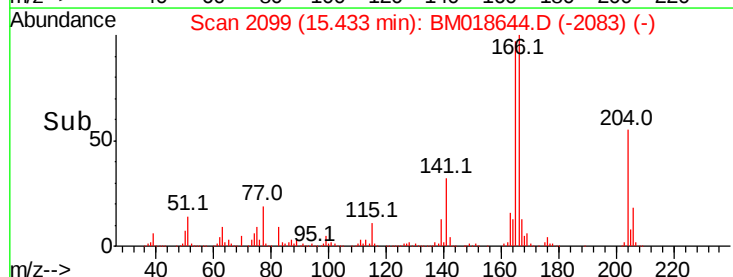
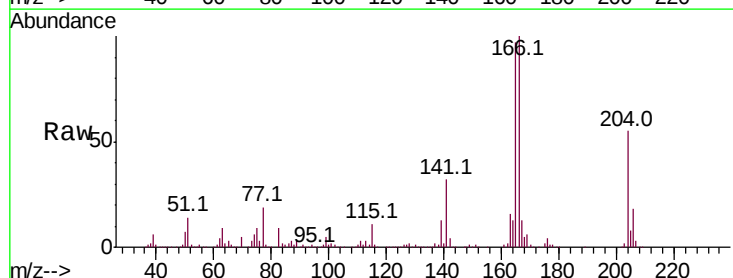
Manual Integrations
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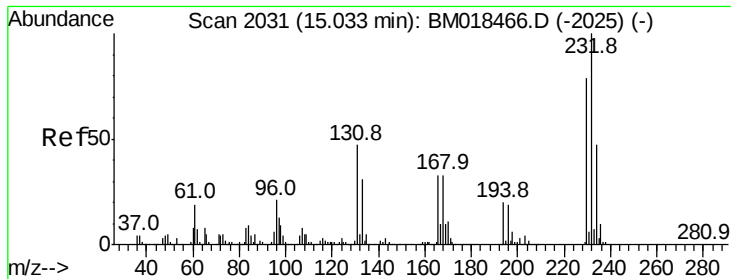
Sohil
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#58
Fluorene
Concen: 41.262 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:	166	Resp:	1334276
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.3	117.5
167	13.2	10.9	16.3





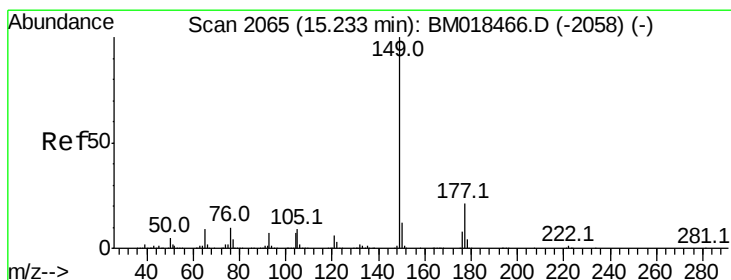
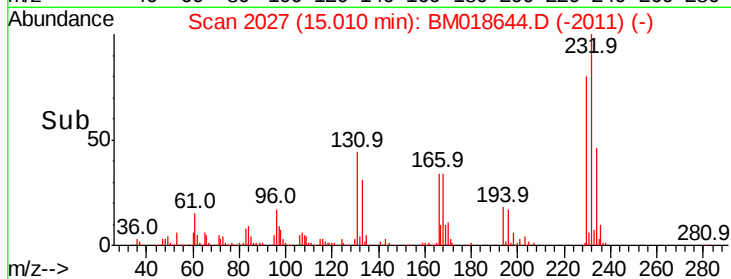
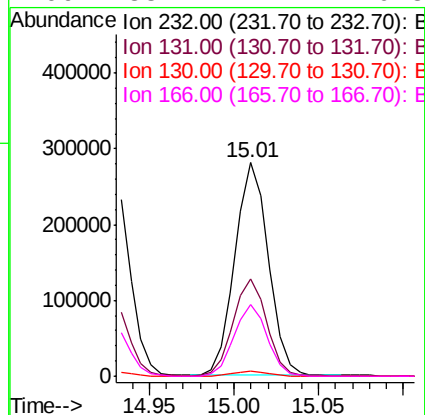
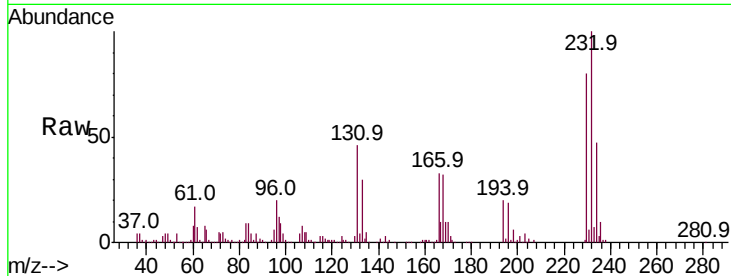
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.072 ng
RT: 15.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.6	57.8
130	2.5	2.2	3.4
166	33.7	27.2	40.8

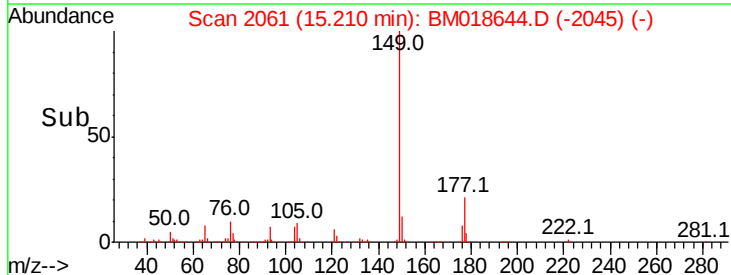
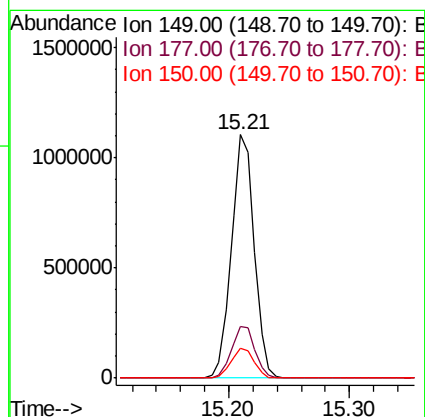
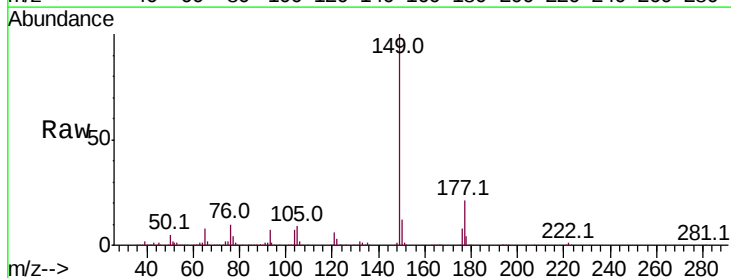
Manual Integrations
APPROVED

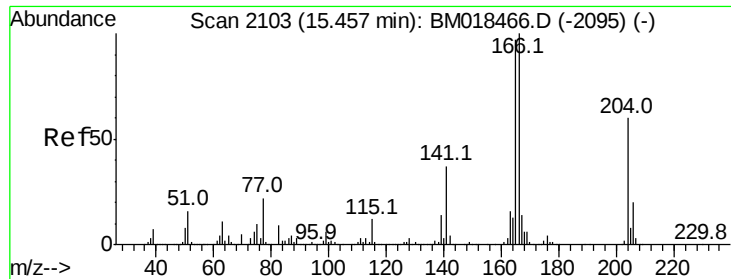
Sohil
1/21/2019 1:58:29 PM



#60
Diethylphthalate
Concen: 39.985 ng
RT: 15.21 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.3	9.8	14.6





#61

4-Chlorophenyl-phenylether

Concen: 37.005 ng

RT: 15.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

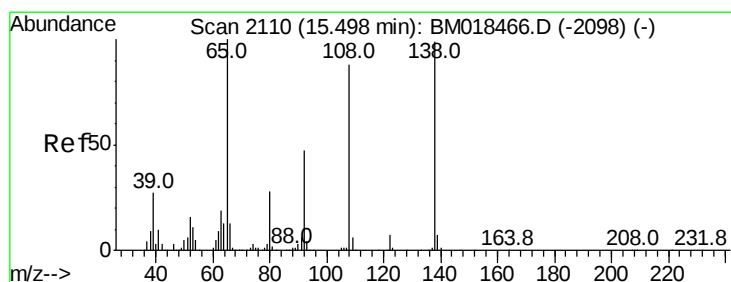
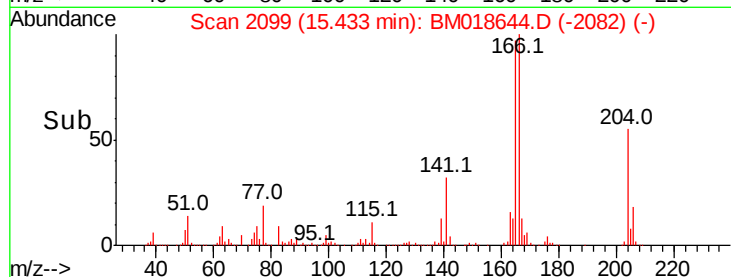
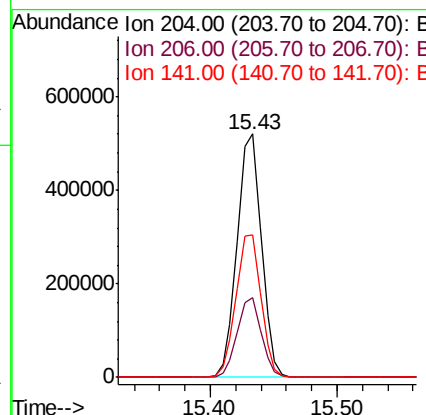
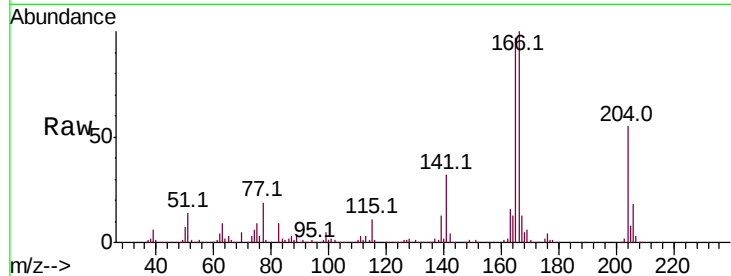
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	204	Resp:	689682
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.8	38.6
141	58.5	49.5	74.3

Manual Integrations
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1/21/2019 1:58:29 PM



#62

4-Nitroaniline

Concen: 35.688 ng

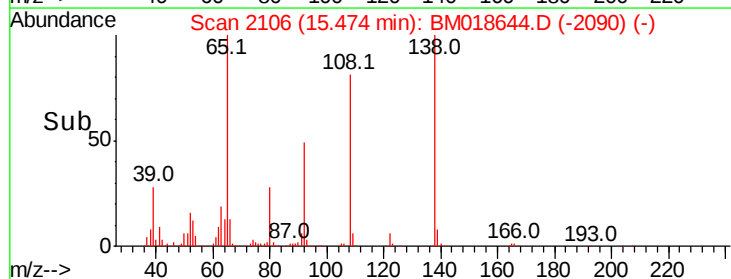
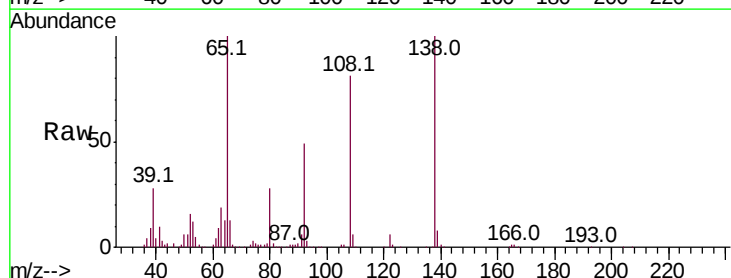
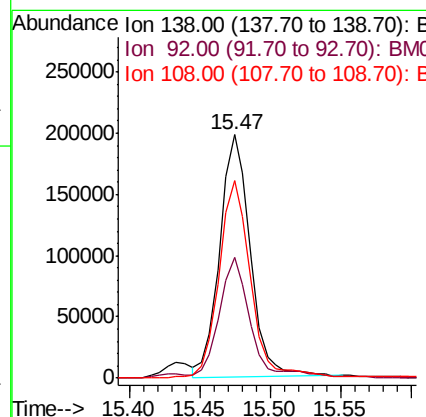
RT: 15.47 min Scan# 2106

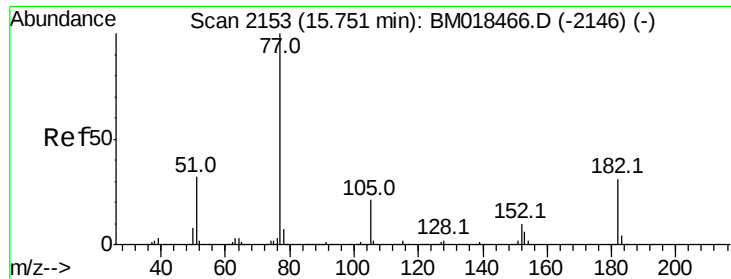
Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	138	Resp:	297088
Ion Ratio	Lower	Upper	
138	100		
92	49.6	29.0	69.0
108	80.9	63.9	103.9





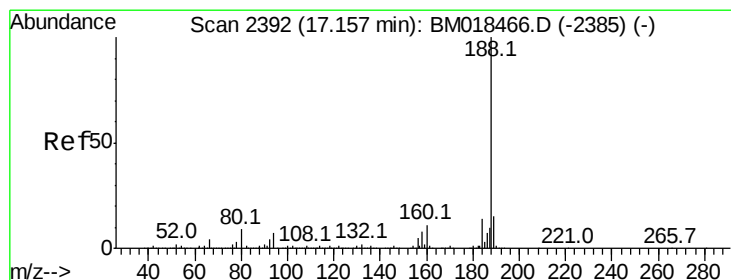
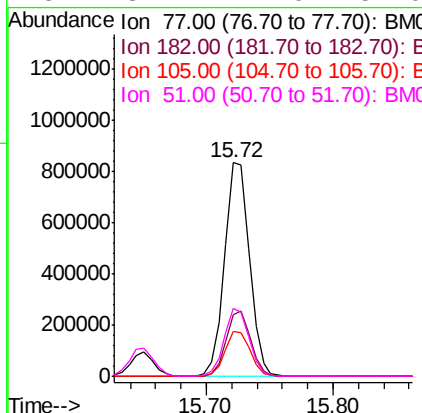
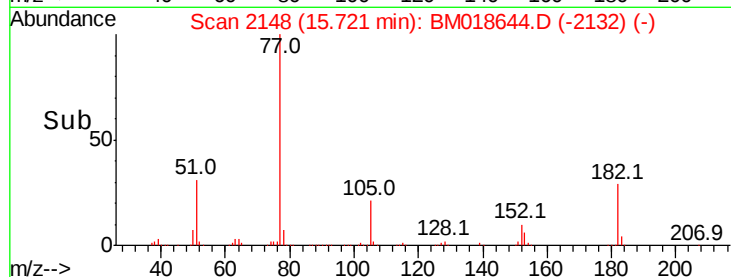
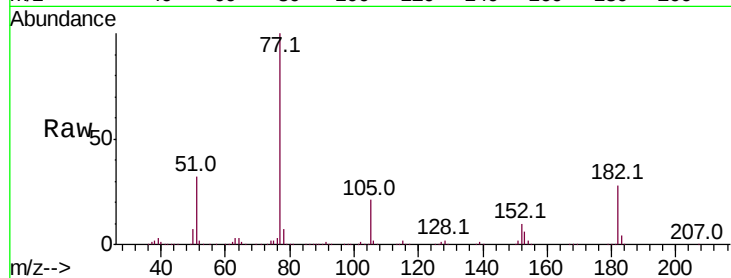
#63
Azobenzene
Concen: 38.423 ng
RT: 15.72 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion: 77 Resp: 1130220
Ion Ratio Lower Upper
77 100
182 28.5 7.4 47.4
105 20.9 0.0 39.6
51 31.7 12.0 52.0

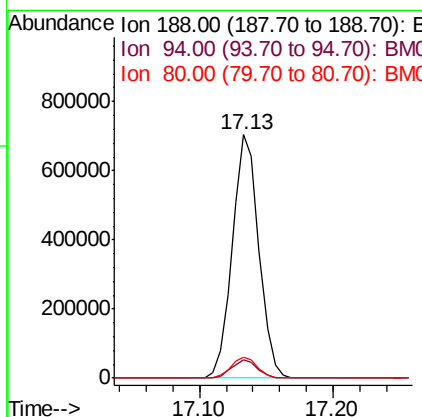
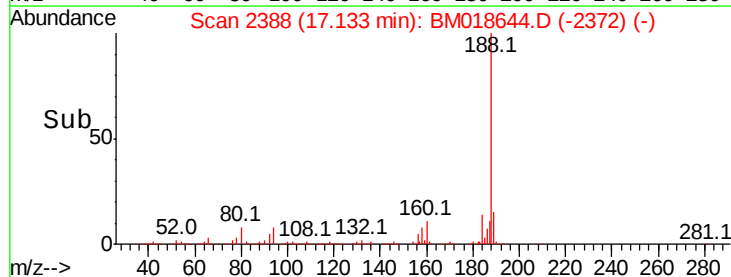
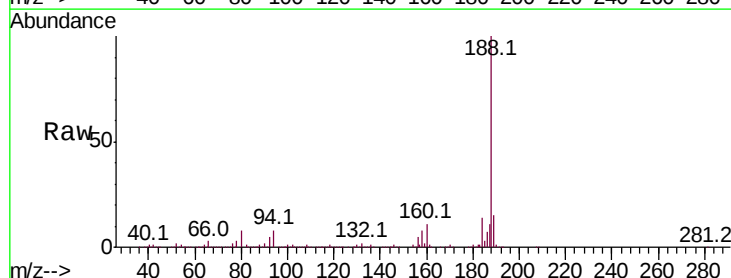
Manual Integrations
APPROVED

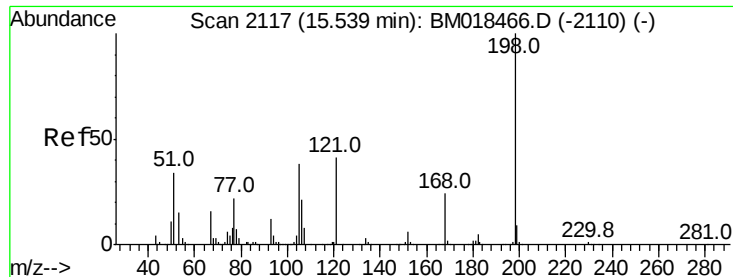
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion: 188 Resp: 974683
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.5 7.6 11.4





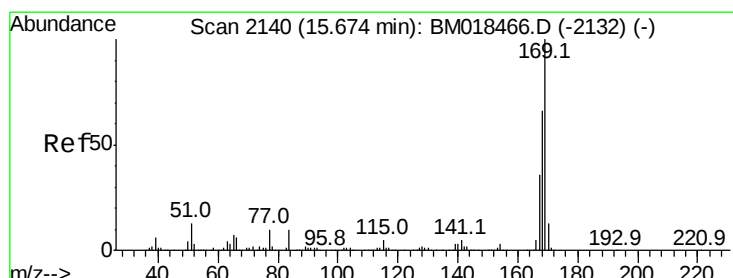
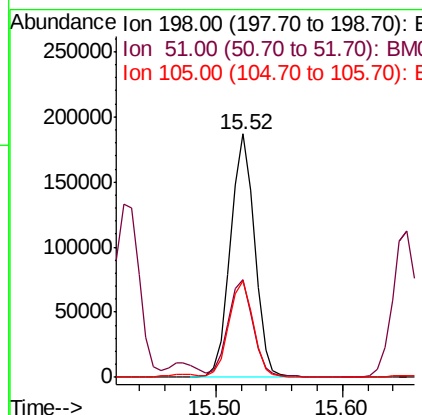
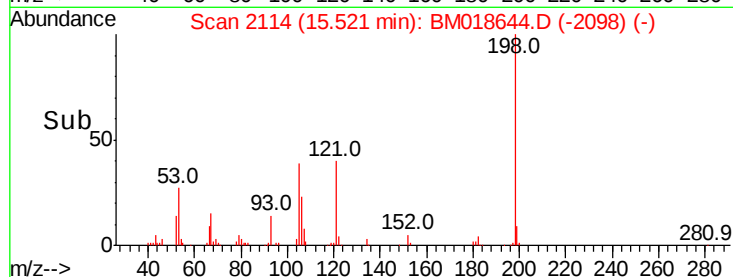
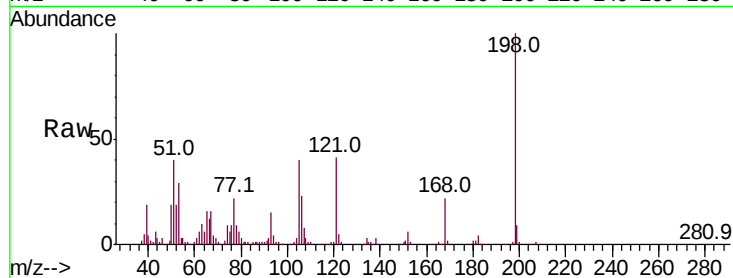
#65
4,6-Dinitro-2-methylphenol
Concen: 40.565 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	246169		
51	40.4	29.6	69.6	
105	39.6	25.5	65.5	

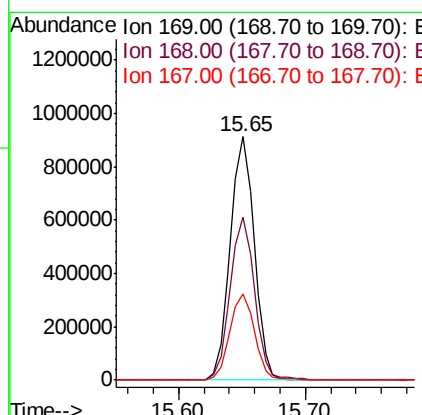
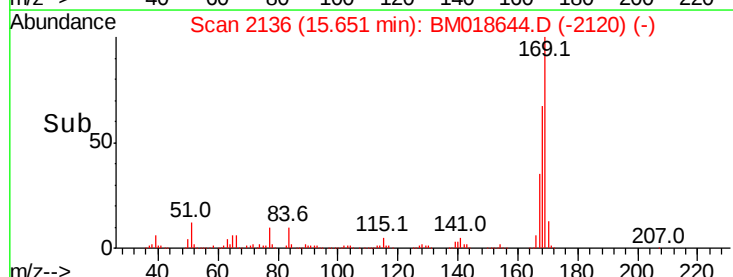
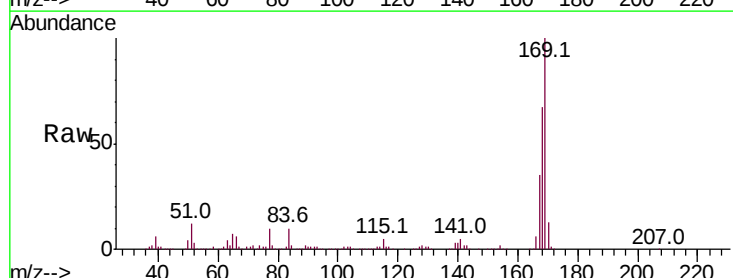
Manual Integrations
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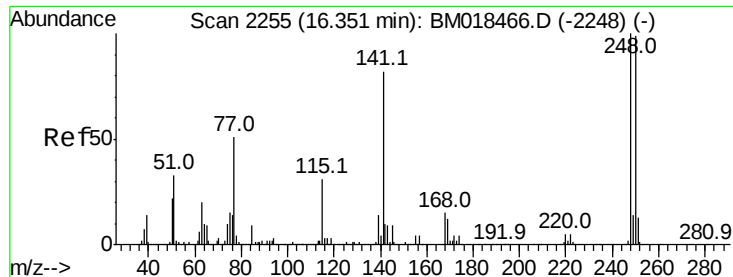
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 39.500 ng
RT: 15.65 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1194255		
168	66.8	54.1	81.1	
167	35.4	28.6	42.8	





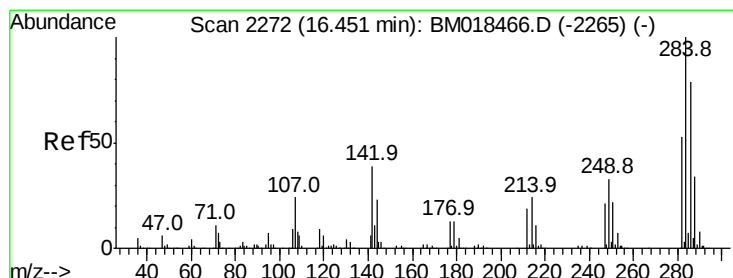
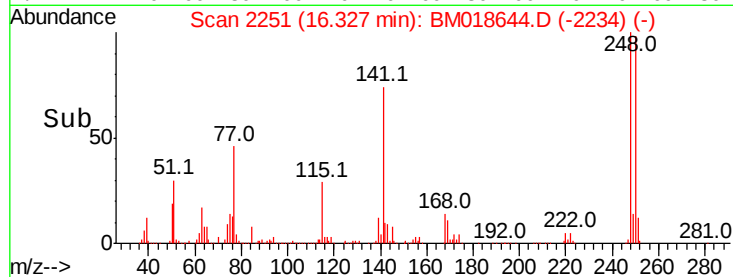
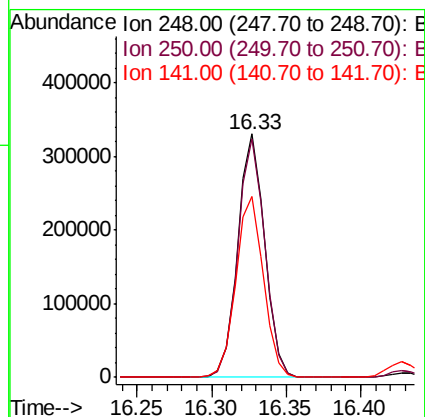
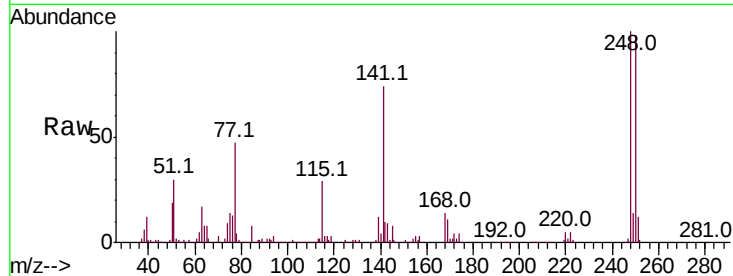
#67
4-Bromophenyl-phenylether
Concen: 38.098 ng
RT: 16.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.0	114.0
141	74.1	61.5	92.3

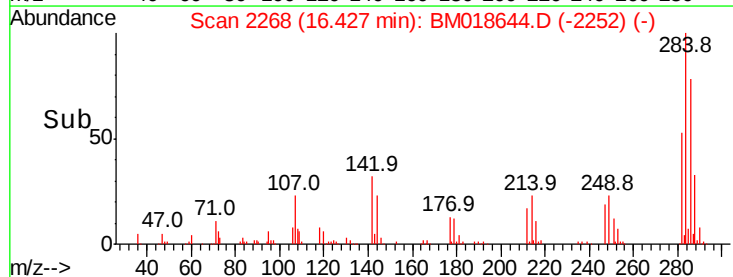
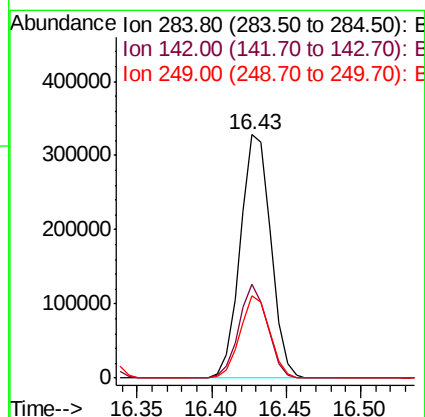
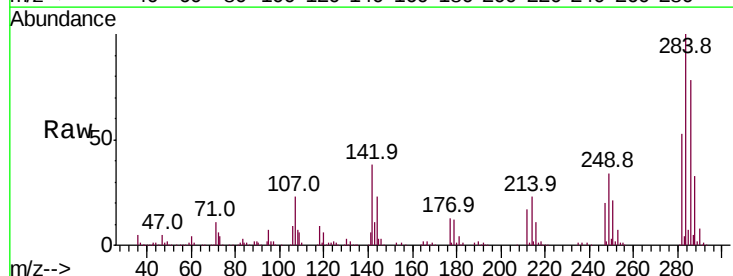
Manual Integrations
APPROVED

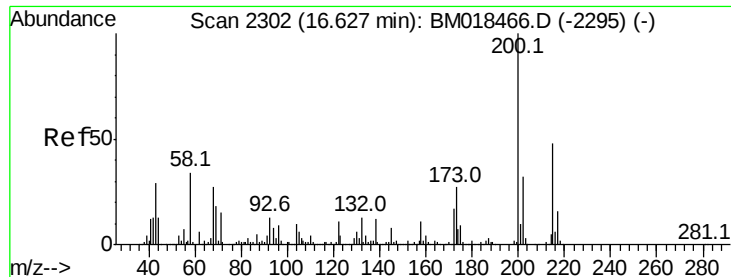
Sohil
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#68
Hexachlorobenzene
Concen: 38.061 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.2	43.8
249	33.6	26.1	39.1





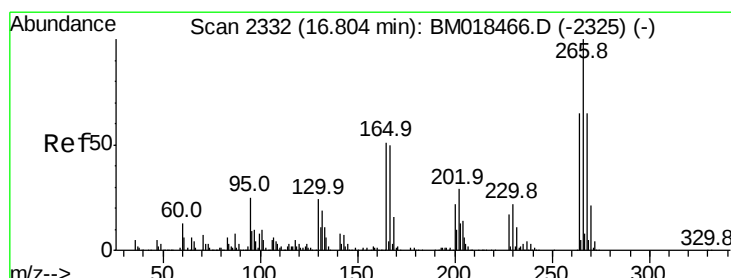
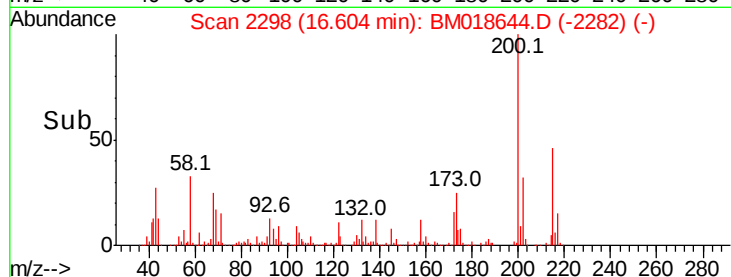
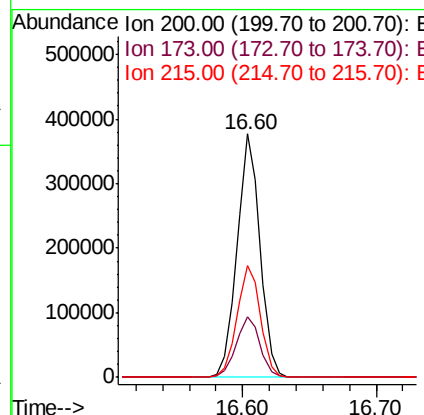
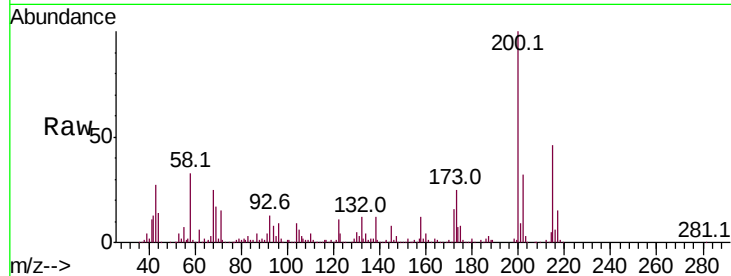
#69
Atrazine
Concen: 41.372 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	7.2	47.2
215	45.8	28.3	68.3

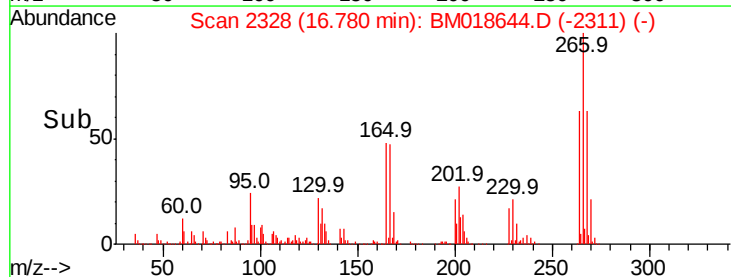
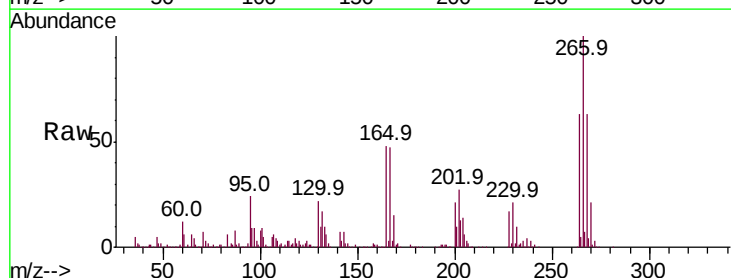
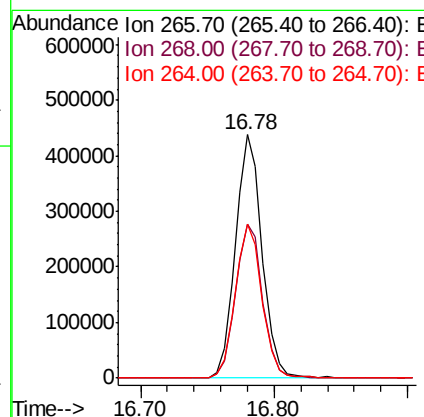
Manual Integrations
APPROVED

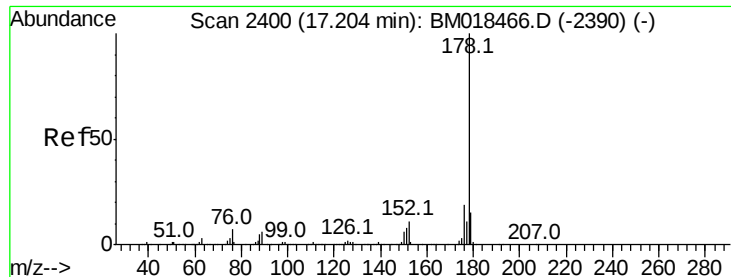
Sohil
1/21/2019 1:58:29 PM



#70
Pentachlorophenol
Concen: 76.279 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.8	74.6
264	63.5	50.1	75.1





#71

Phenanthrene

Concen: 40.765 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:178 Resp: 2113389

Ion Ratio Lower Upper

178 100

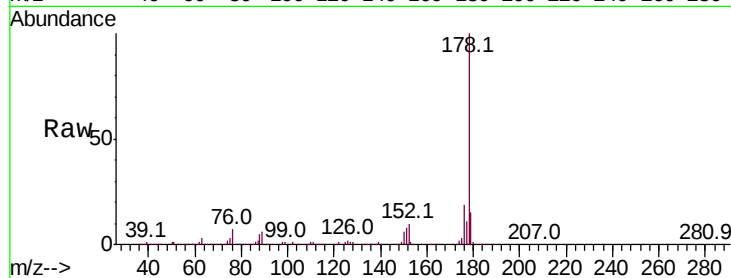
176 18.9 15.4 23.0

179 15.3 12.2 18.4

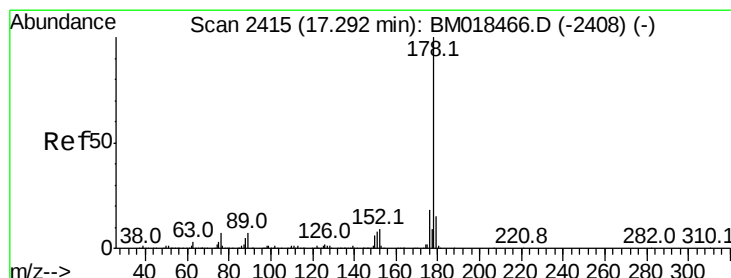
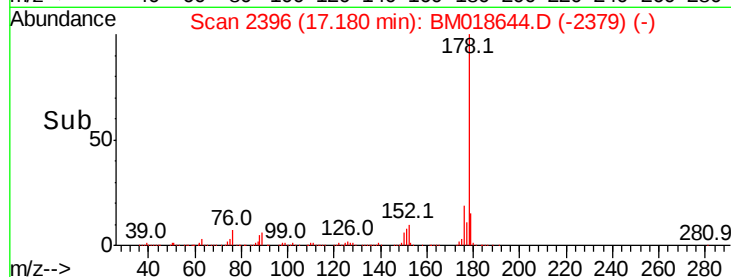
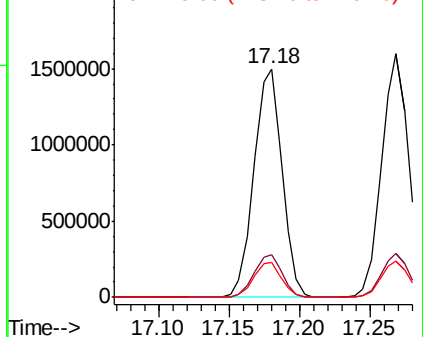
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.055 ng

RT: 17.27 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

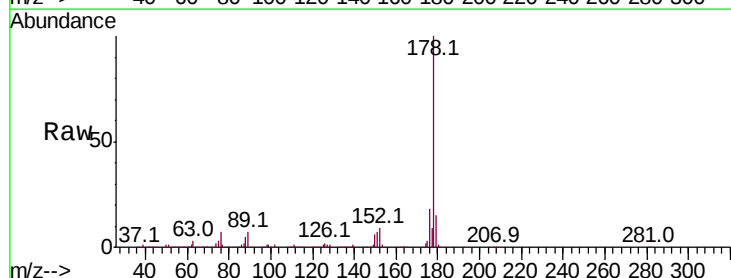
Tgt Ion:178 Resp: 2146399

Ion Ratio Lower Upper

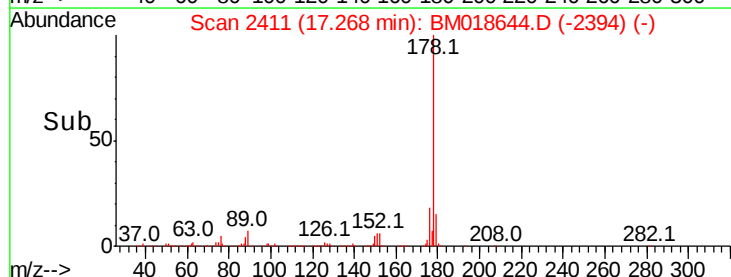
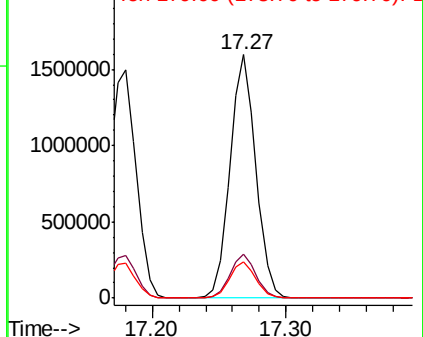
178 100

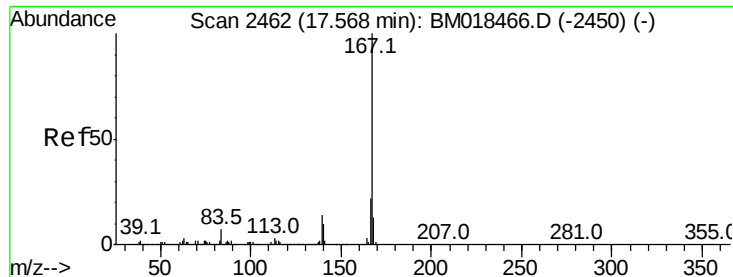
176 18.2 14.7 22.1

179 15.1 12.2 18.4



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





#73

Carbazole

Concen: 38.695 ng

RT: 17.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:167 Resp: 1981881

Ion Ratio Lower Upper

167 100

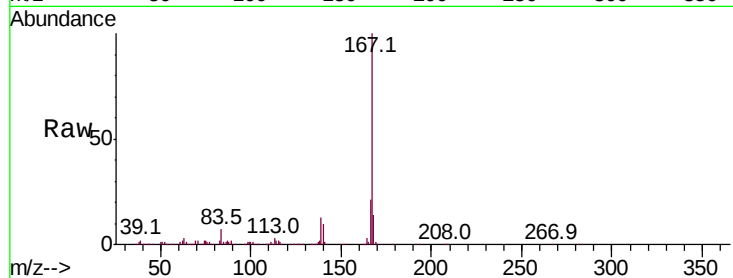
166 21.4 17.4 26.2

139 12.9 10.6 16.0

Manual Integrations
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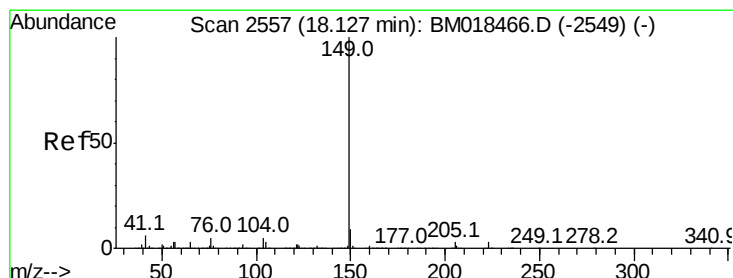
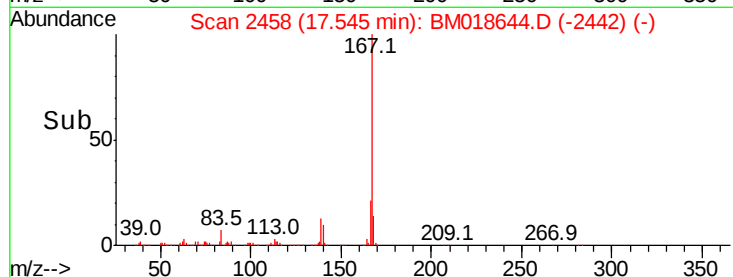
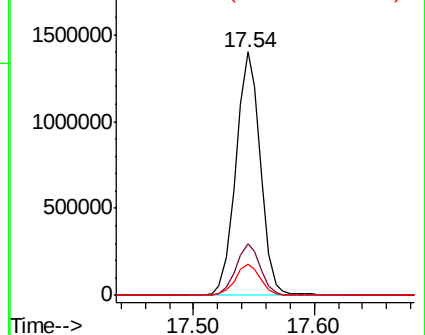
1/21/2019 1:58:29 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.099 ng

RT: 18.10 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

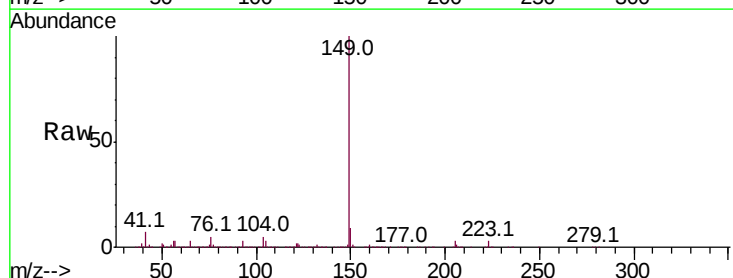
Tgt Ion:149 Resp: 2474078

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

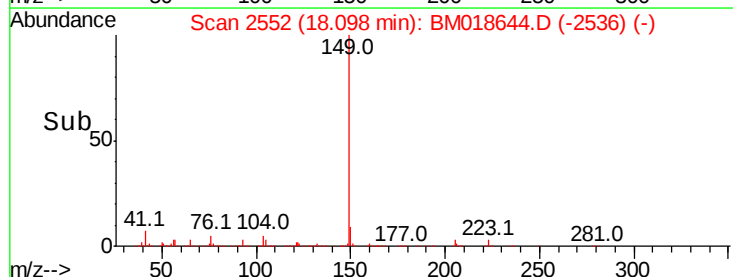
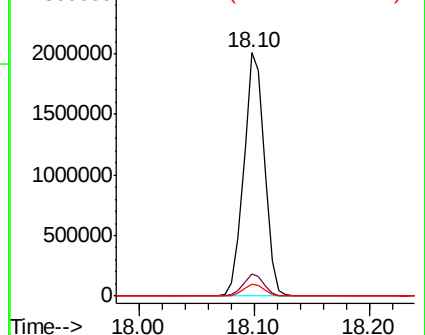
104 5.1 4.2 6.4

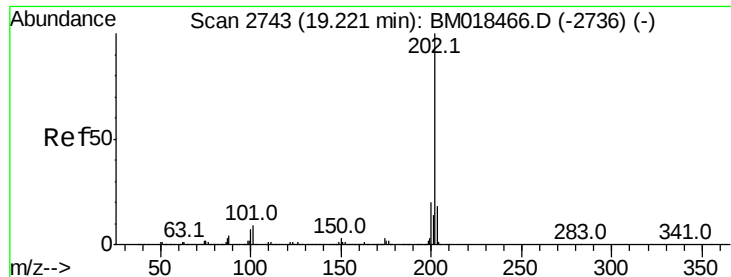


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





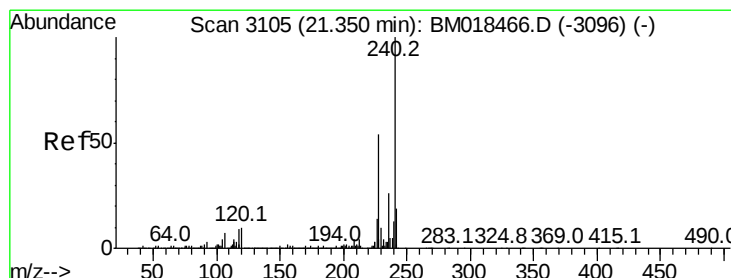
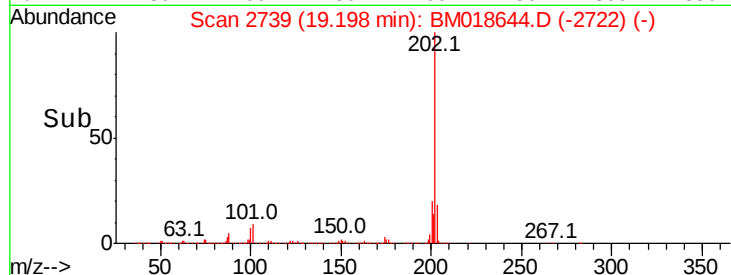
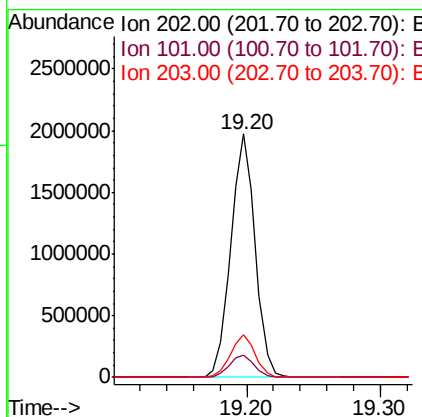
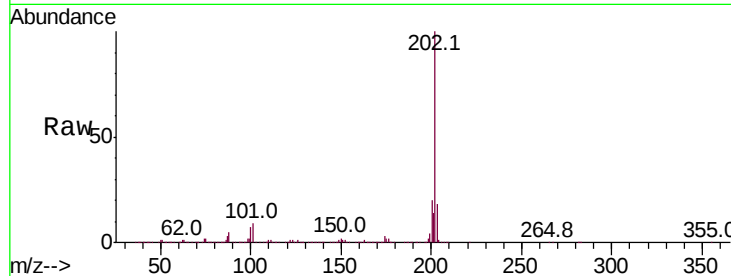
#75
 Fluoranthene
 Concen: 42.001 ng
 RT: 19.20 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.9
203	17.5	0.0	37.4

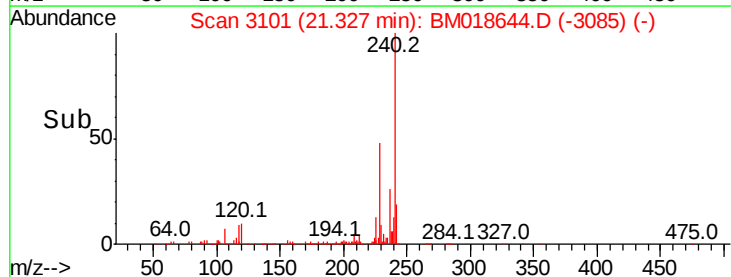
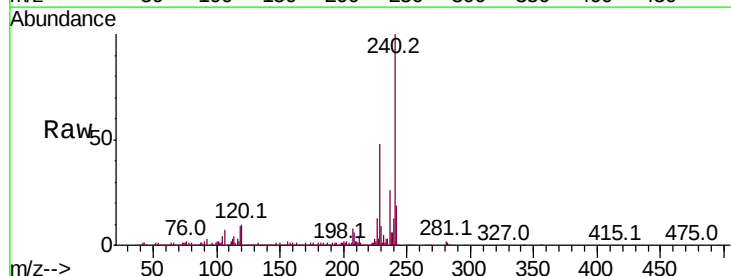
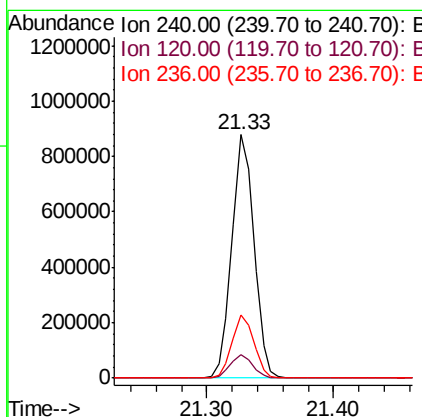
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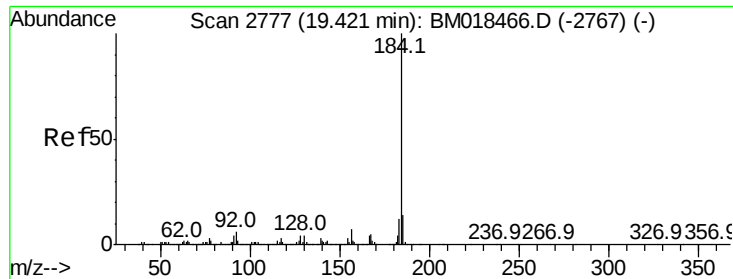
Sohil
 1/21/2019 1:58:29 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.8	20.7	31.1





#77

Benzidine

Concen: 32.871 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

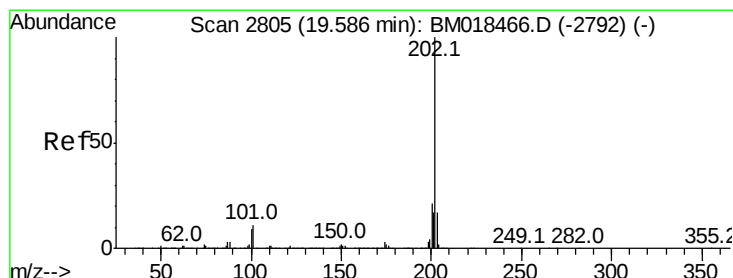
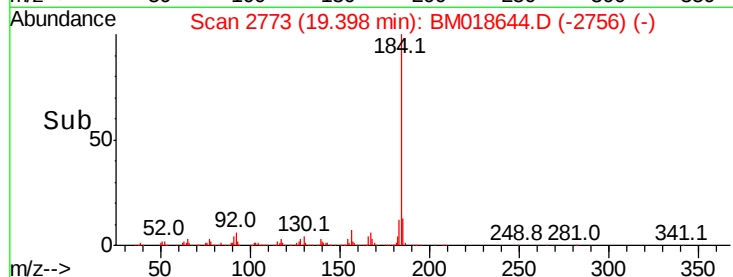
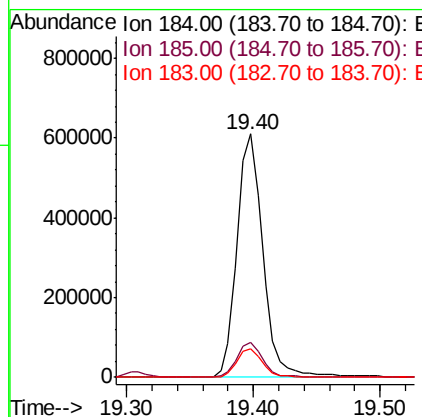
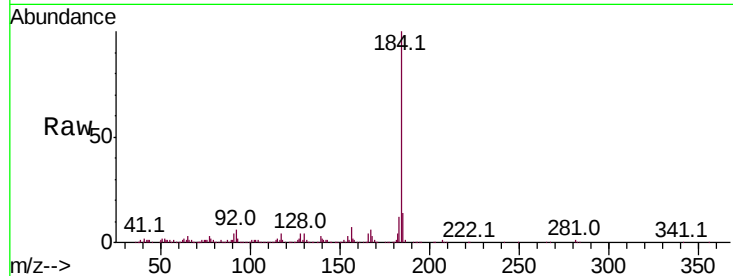
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	11.4	17.0	
183	11.8	9.5	14.3	

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#78

Pyrene

Concen: 40.586 ng

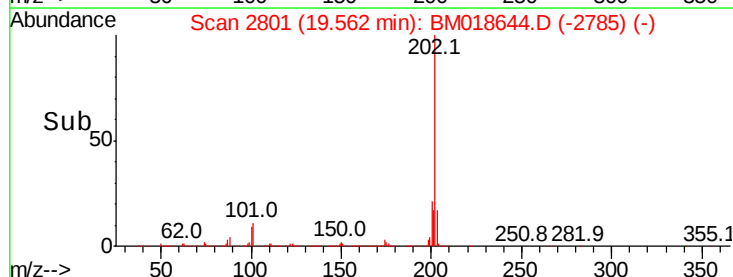
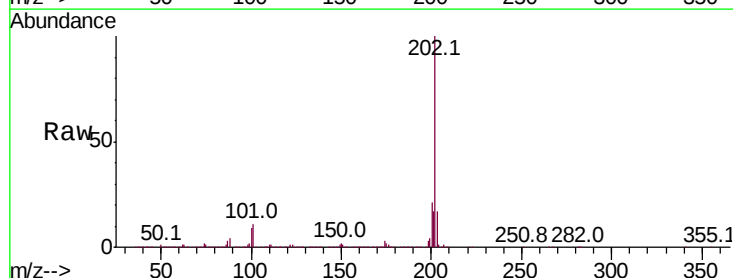
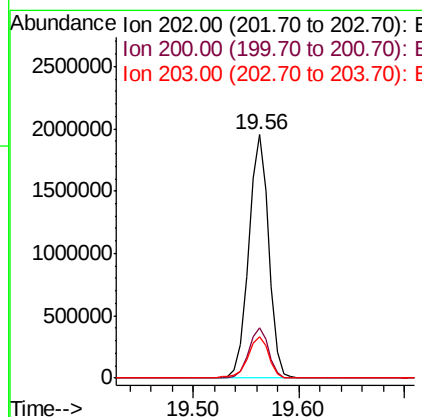
RT: 19.56 min Scan# 2801

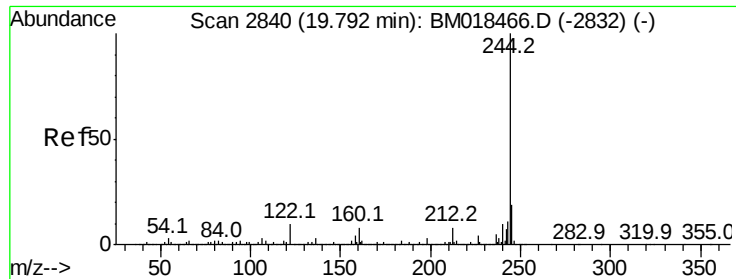
Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.8	16.6	24.8	
203	17.2	13.8	20.8	





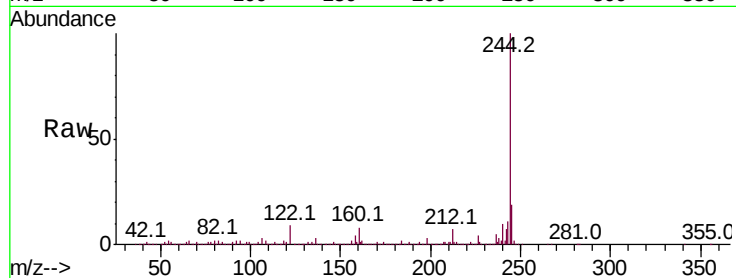
#79
Terphenyl-d14
Concen: 73.043 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

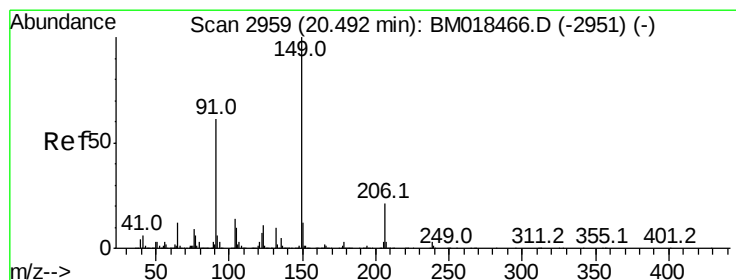
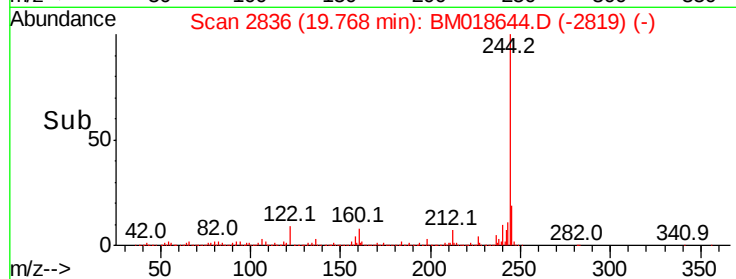
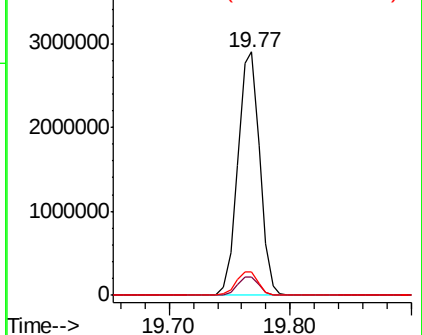
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.4	9.0	13.4

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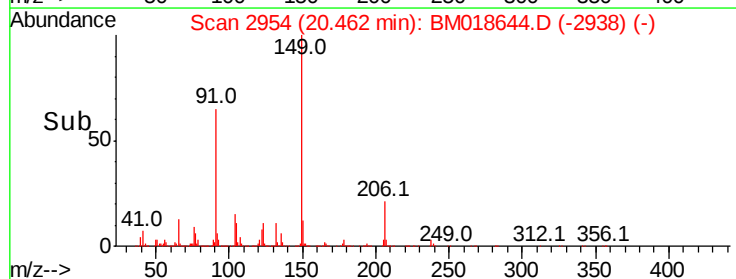
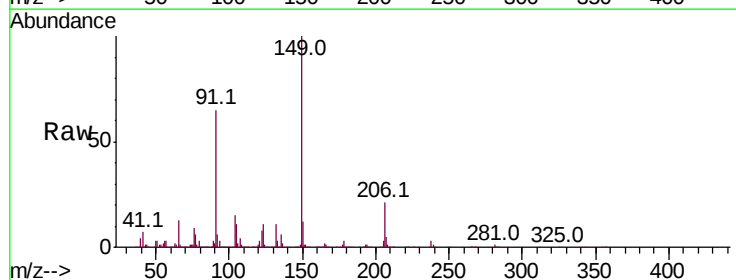
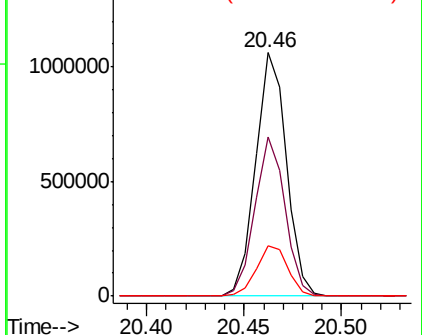
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

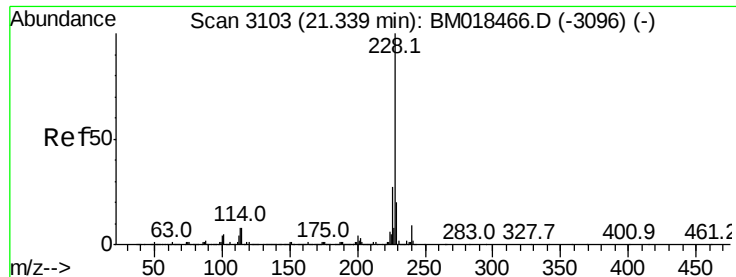


#80
Butylbenzylphthalate
Concen: 43.313 ng
RT: 20.46 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.1	79.7
206	20.5	16.2	24.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018644.D (-2938) (-)
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.850 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

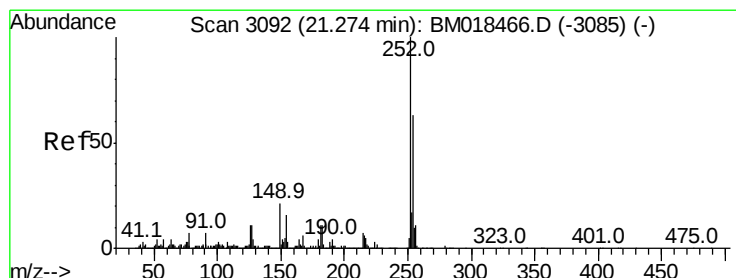
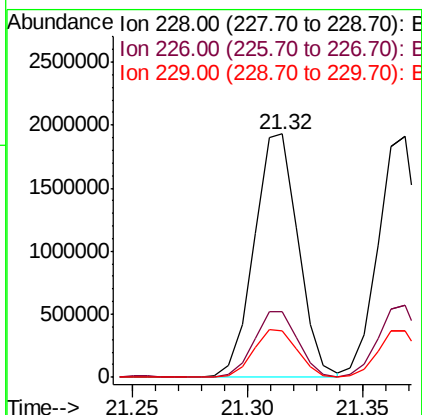
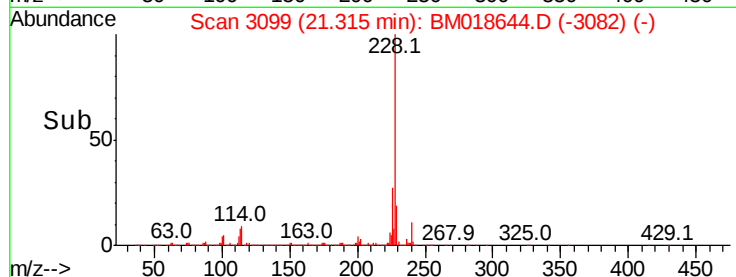
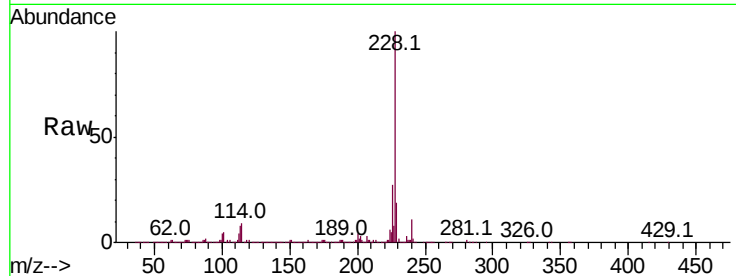
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	228	Resp:	2551445
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.6
229	19.2	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 32.554 ng

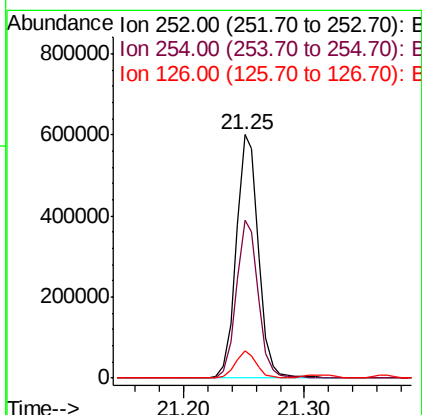
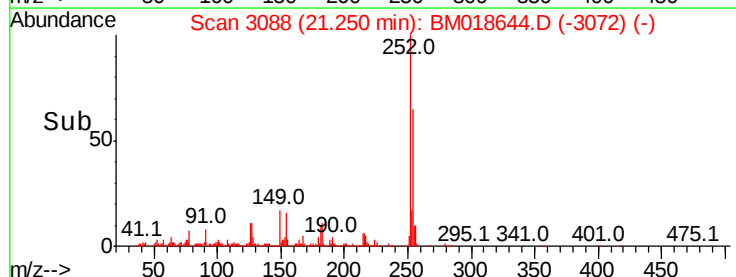
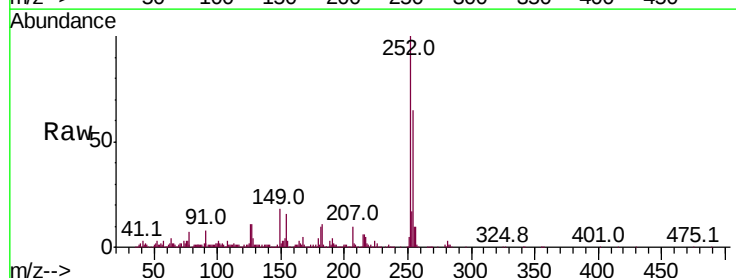
RT: 21.25 min Scan# 3088

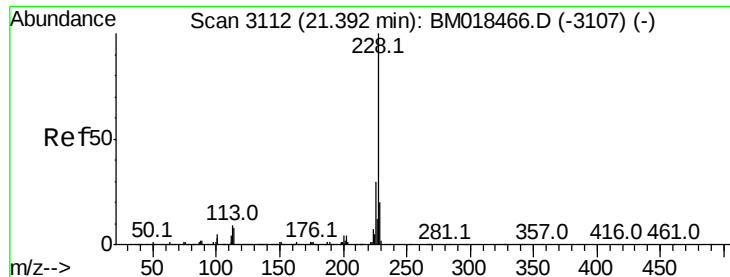
Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	252	Resp:	768894
Ion Ratio	Lower	Upper	
252	100		
254	64.8	51.4	77.0
126	11.1	8.7	13.1





#83

Chrysene

Concen: 39.947 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

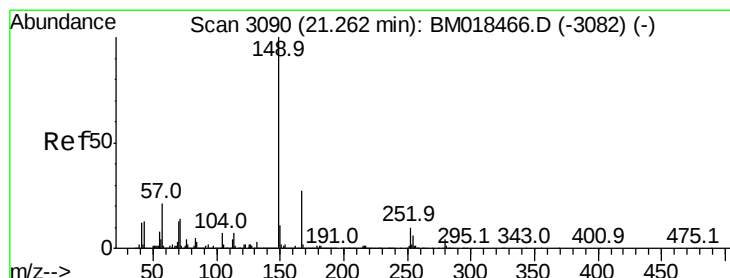
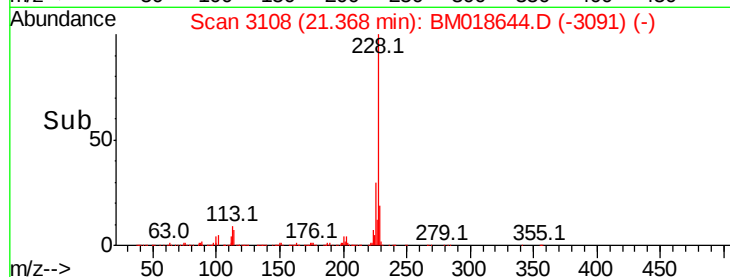
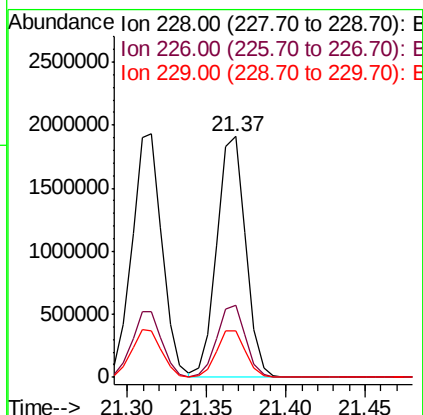
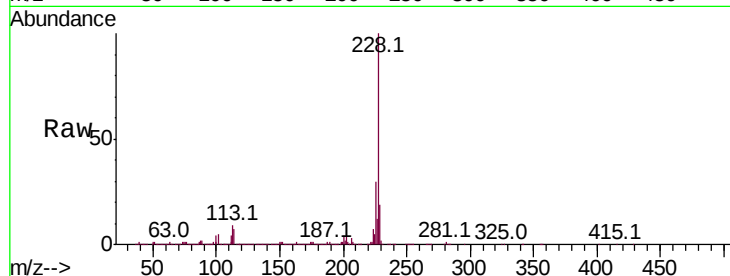
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	228	Resp:	2409382
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.2	15.6	23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.694 ng

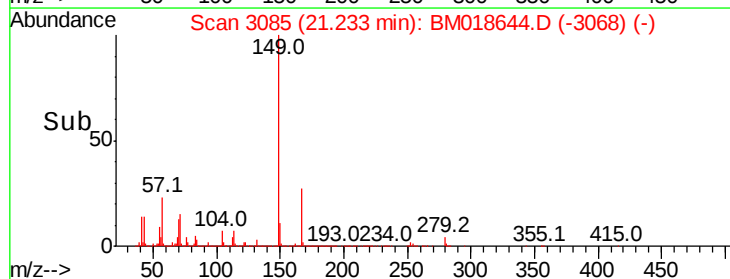
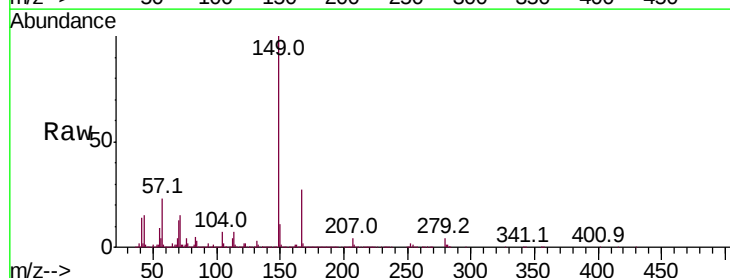
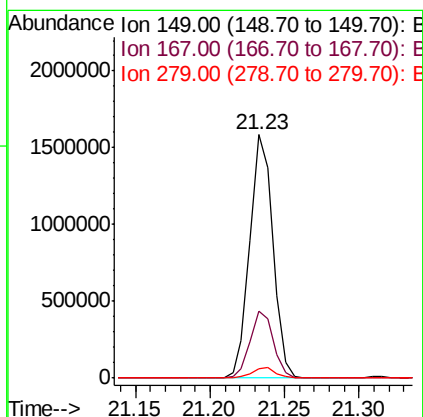
RT: 21.23 min Scan# 3085

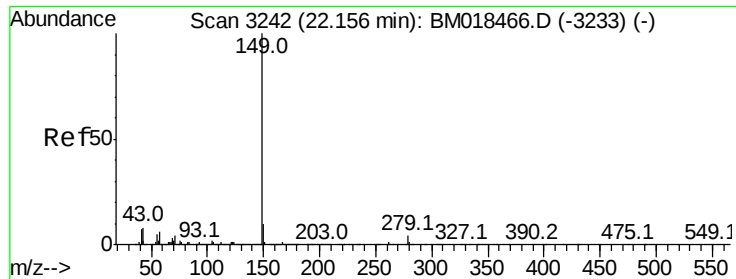
Delta R.T. -0.00 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	149	Resp:	1691952
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 45.442 ng

RT: 22.12 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

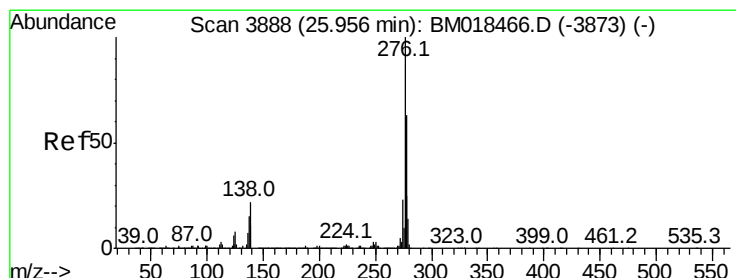
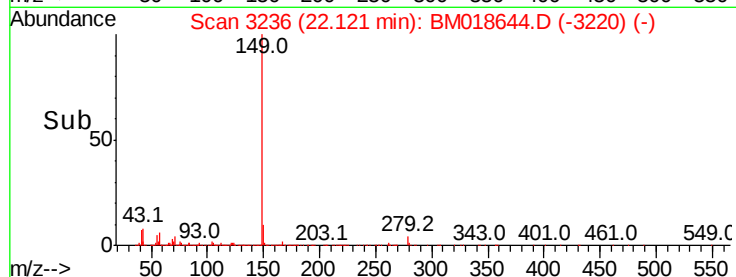
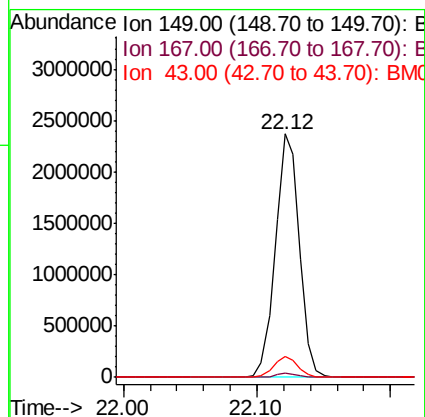
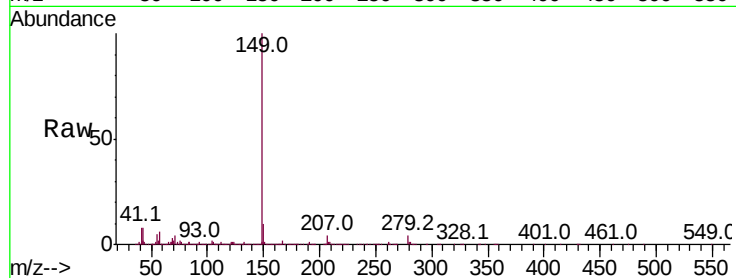
ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:	149	Resp:	2959564
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.2	8.6	12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.313 ng

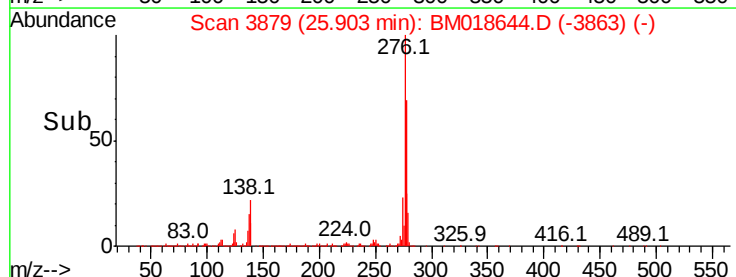
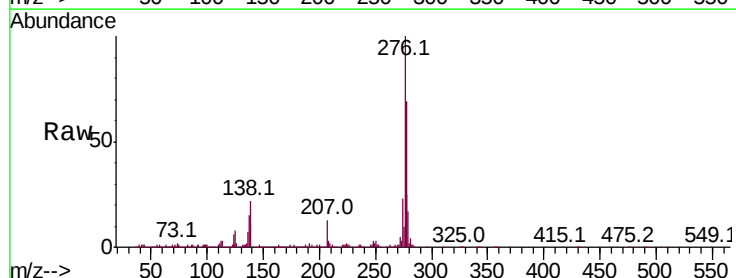
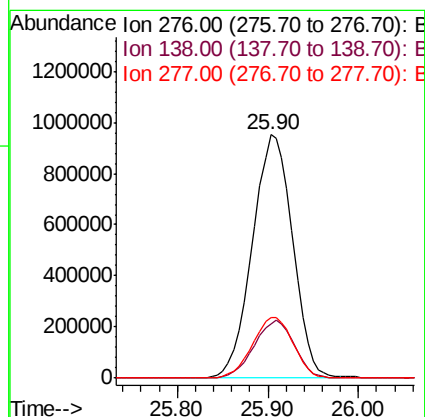
RT: 25.90 min Scan# 3879

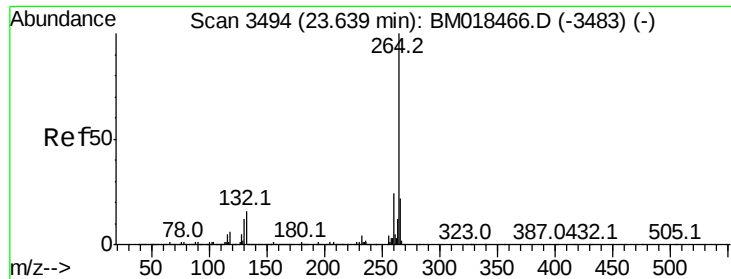
Delta R.T. -0.01 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:	276	Resp:	2942826
Ion Ratio	Lower	Upper	
276	100		
138	23.7	21.5	32.3
277	25.3	20.2	30.2





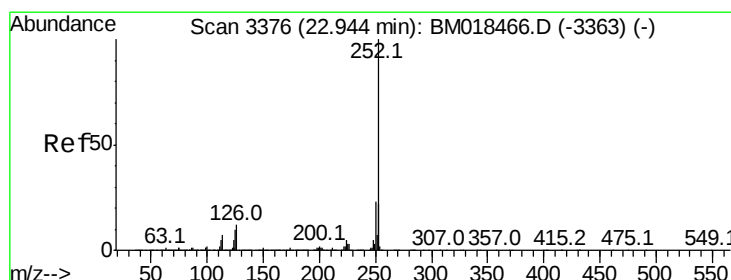
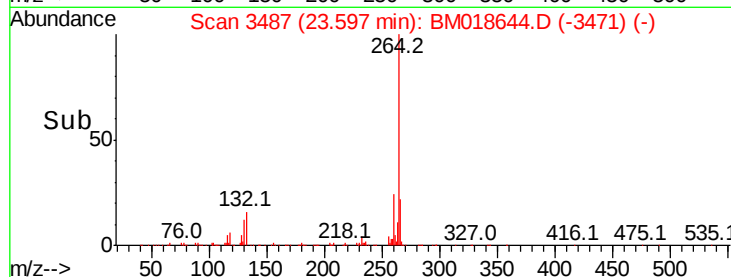
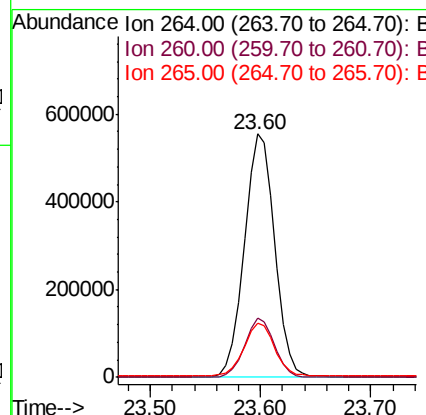
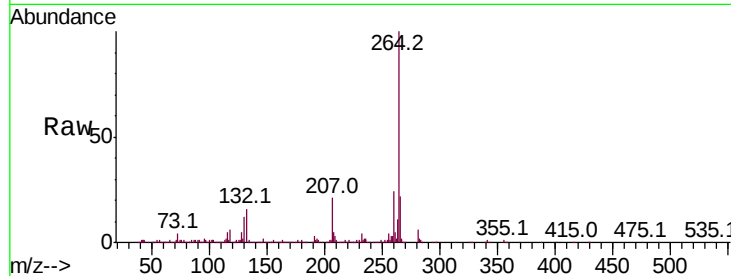
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.2	16.8	25.2

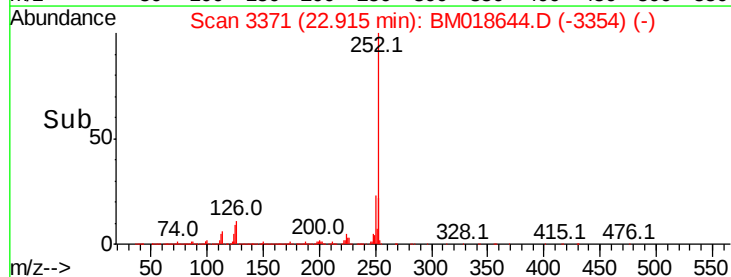
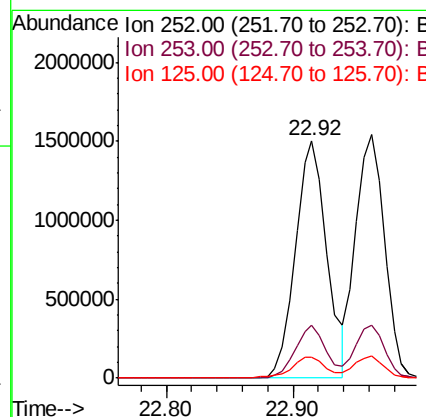
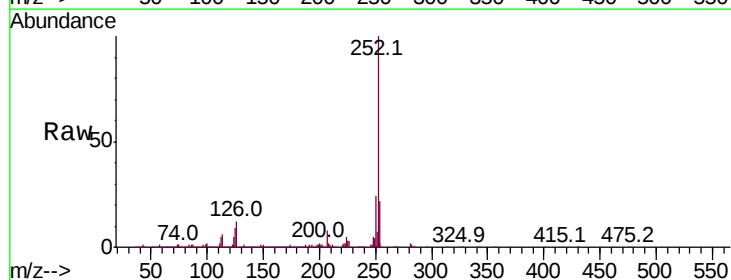
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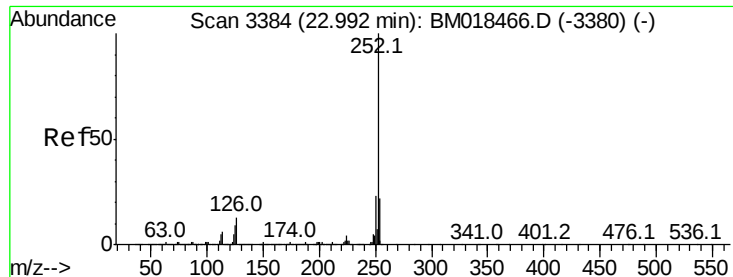
Sohil
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#88
Benzo(b)fluoranthene
Concen: 42.464 ng
RT: 22.92 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.9	8.5	12.7





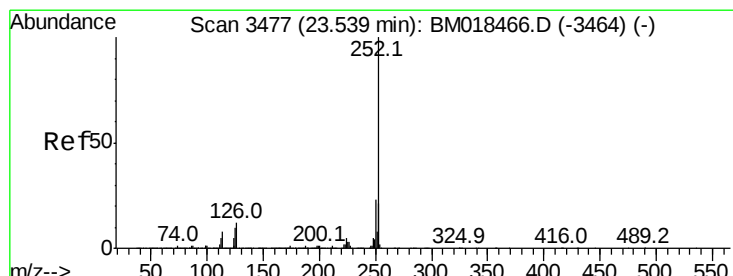
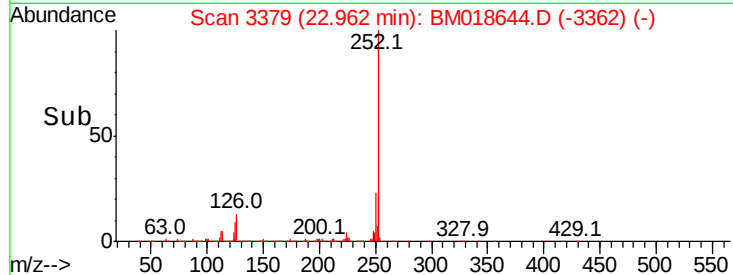
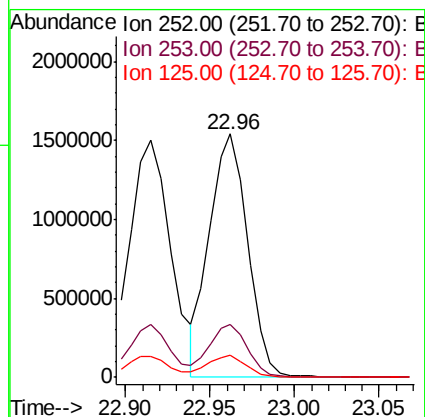
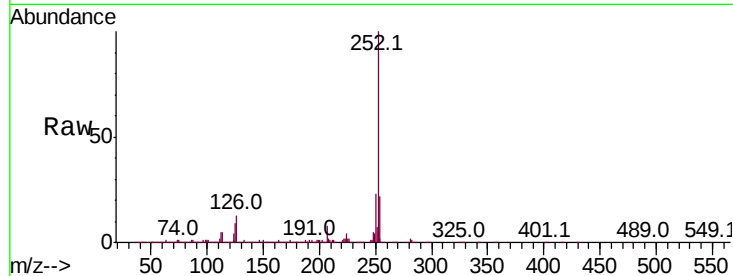
#89
Benzo(k)fluoranthene
Concen: 39.543 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.9	8.6	12.8

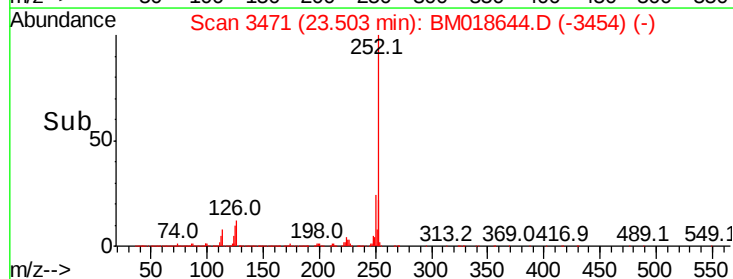
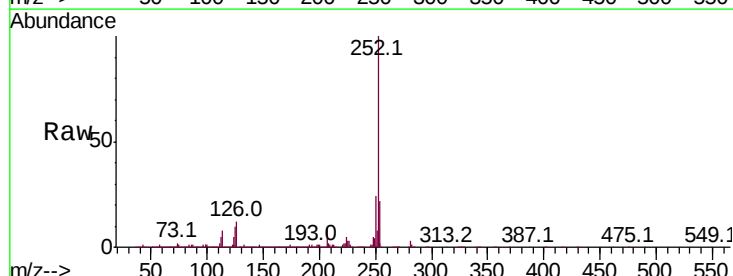
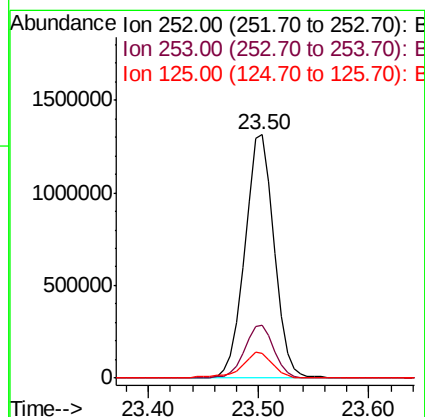
Manual Integrations
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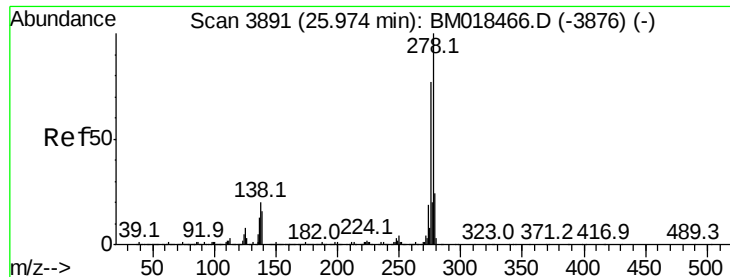
Sohil
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#90
Benzo(a)pyrene
Concen: 41.995 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.9	9.7	14.5





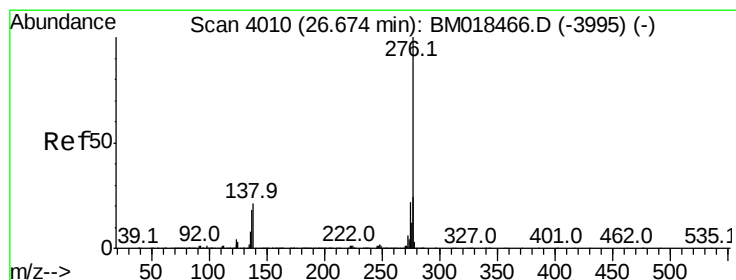
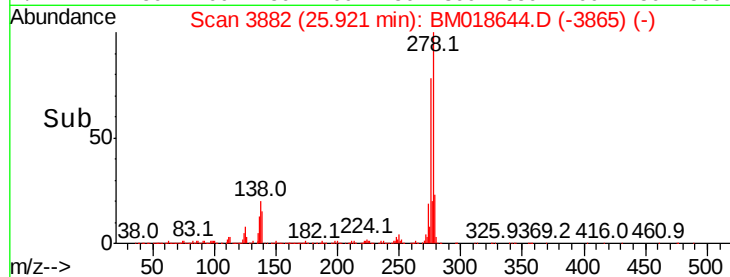
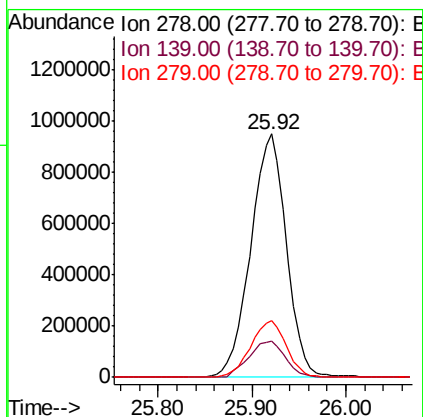
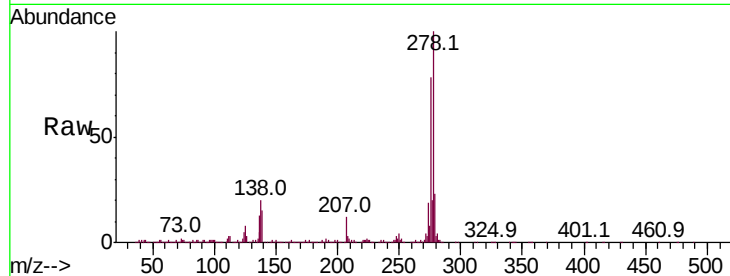
#91
Dibenzo(a,h)anthracene
Concen: 42.237 ng
RT: 25.92 min Scan# 3882
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.2	19.8
279	23.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/21/2019 1:58:29 PM



#92
Benzo(g,h,i)perylene
Concen: 42.124 ng
RT: 26.61 min Scan# 4000
Delta R.T. -0.00 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	20.7	18.1	27.1

