

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

Quant Time: Jan 18 21:49:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	211046	20.00	ng	-0.03
21) Naphthalene-d8	10.53	136	802652	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	435153	20.00	ng	-0.02
64) Phenanthrene-d10	17.13	188	974683	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1060006	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1073144	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1449763	126.84	ng	-0.02
7) Phenol-d6	6.91	99	1795715	123.70	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1100476	79.48	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	731065	131.94	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	2509863	75.26	ng	-0.02
79) Terphenyl-d14	19.77	244	3673632	73.06	ng	-0.02

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	349152	36.958	ng	93
20) 3+4-Methylphenols	8.50	107	548208	39.659	ng	100
22) Acetophenone	8.56	105	724773	36.502	ng	# 98
24) Nitrobenzene	8.95	77	524152	38.475	ng	96
25) Isophorone	9.46	82	943273	44.990	ng	97
26) 2-Nitrophenol	9.65	139	287946	43.712	ng	97
27) 2,4-Dimethylphenol	9.70	122	451752	45.753	ng	98
28) bis(2-Chloroethoxy)methane	9.95	93	580805	40.100	ng	99
29) 2,4-Dichlorophenol	10.17	162	492551	41.894	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	548823	37.608	ng	99
31) Naphthalene	10.57	128	1586826	41.050	ng	99
32) Benzoic acid	9.82	122	124183	22.652	ng	95
33) 4-Chloroaniline	10.70	127	250878	16.479	ng	98
34) Hexachlorobutadiene	10.84	225	335474	36.388	ng	99
35) Caprolactam	11.51	113	140463	35.139	ng	88
36) 4-Chloro-3-methylphenol	11.82	107	494831	40.117	ng	99
37) 2-Methylnaphthalene	12.19	142	1140621	41.763	ng	100
38) 1-Methylnaphthalene	12.42	142	1078437	40.809	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	589389	38.732	ng	99

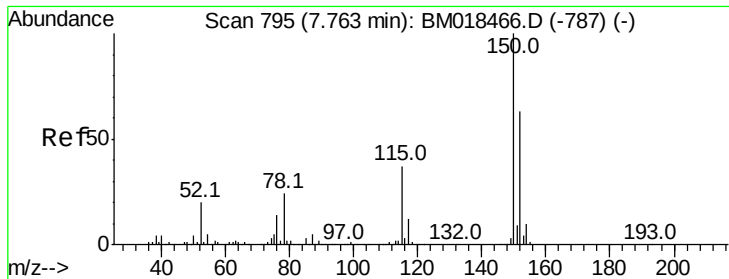
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
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 Response via : Initial Calibration

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	427068	43.944	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	1639964	45.889	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	230114	30.152	ng	97
54) 2,4-Dinitrophenol	14.51	184	361515	87.476	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	1442577	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	1130403	38.430	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	2146139	43.049	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	32.877	ng	100
78) Pyrene	19.56	202	2550621	40.594	ng	100
80) Butylbenzylphthalate	20.46	149	1161504	43.322	ng	99
81) Benzo(a)anthracene	21.32	228	2551445	40.858	ng	99
82) 3,3'-Dichlorobenzidine	21.25	252	768894	32.561	ng	99
83) Chrysene	21.37	228	2409382	39.955	ng	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	1691952	43.702	ng	99
85) Di-n-octyl phthalate	22.12	149	2959564	45.451	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.90	276	2939232	42.270	ng	97
88) Benzo(b)fluoranthene	22.92	252	2585929	42.445	ng	98
89) Benzo(k)fluoranthene	22.96	252	2426841	39.526	ng	98
90) Benzo(a)pyrene	23.50	252	2448310	41.976	ng	98
91) Dibenzo(a,h)anthracene	25.92	278	2496960	42.250	ng	98
92) Benzo(g,h,i)perylene	26.61	276	2419946	42.078	ng	97

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

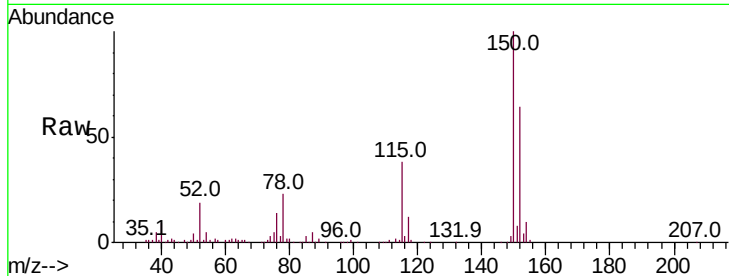


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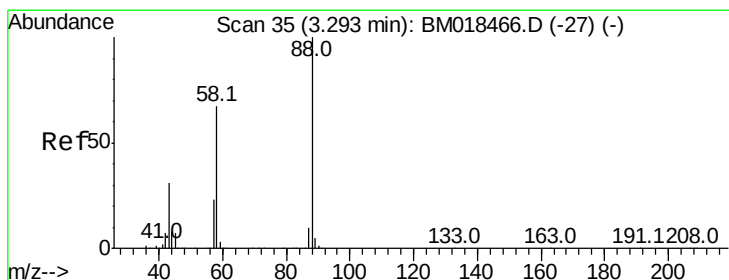
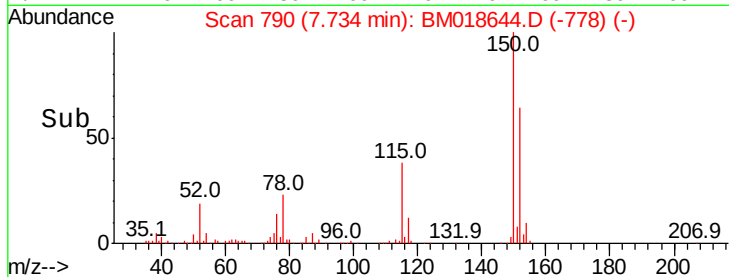
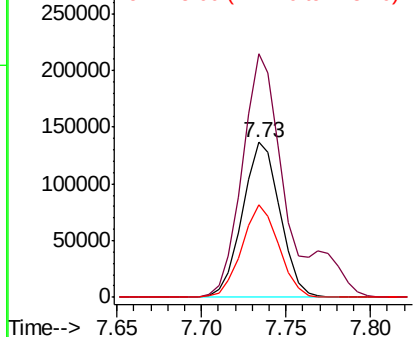
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

Tot Ion:152 Resp: 211046
Ion Ratio Lower Upper
152 100
150 156.9 126.9 190.3
115 59.4 45.5 68.3



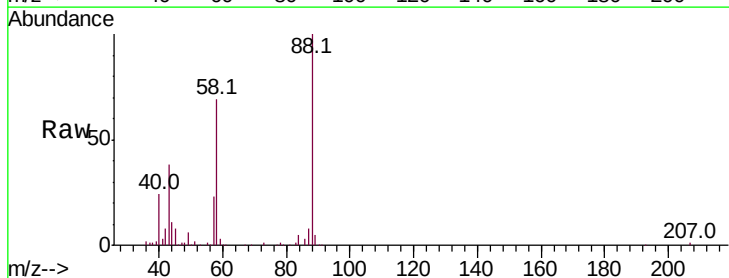
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



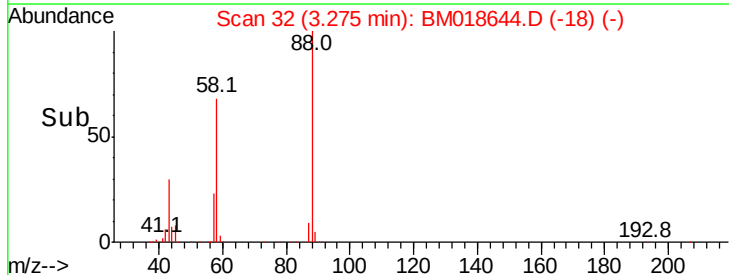
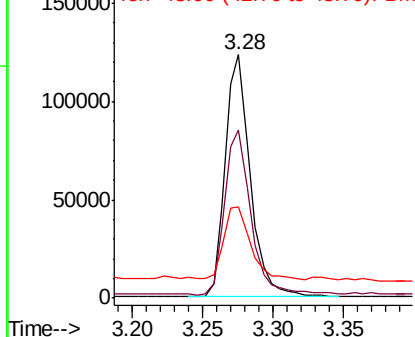
#2

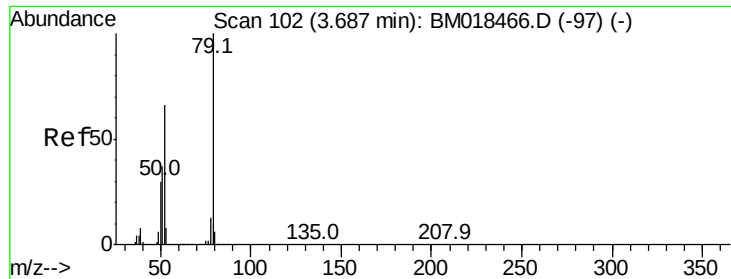
1,4-Dioxane
Concen: 32.757 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion: 88 Resp: 152597
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. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

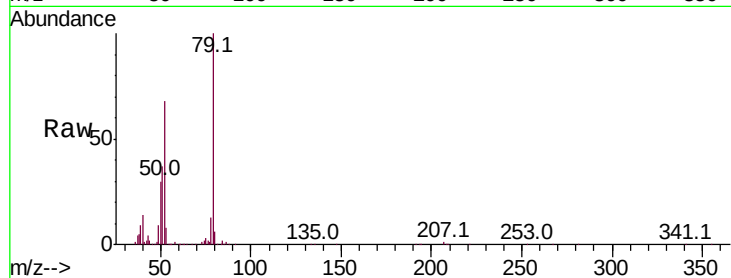
Tot Ion: 79 Resp: 406105

Ion Ratio Lower Upper

79 100

52 68.3 56.4 84.6

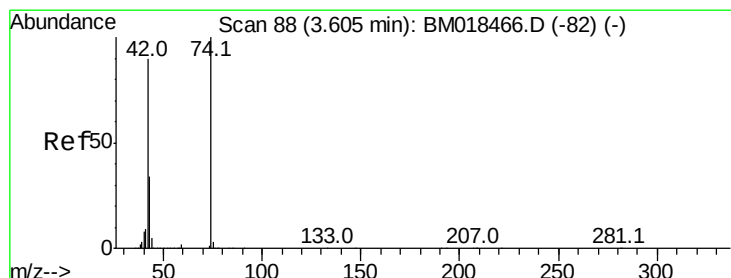
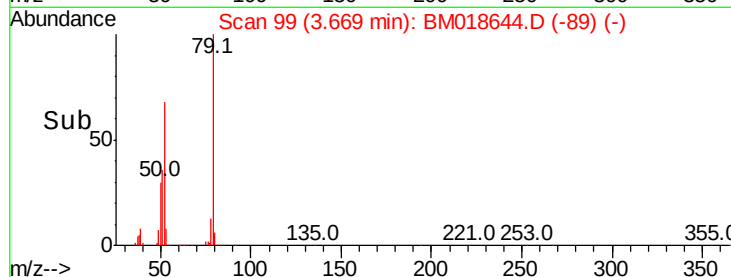
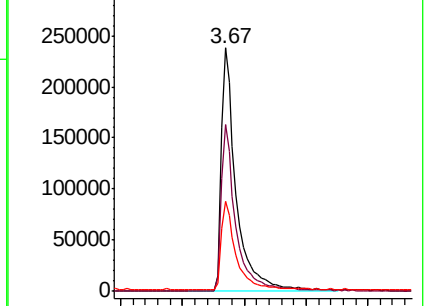
51 37.1 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 43.557 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

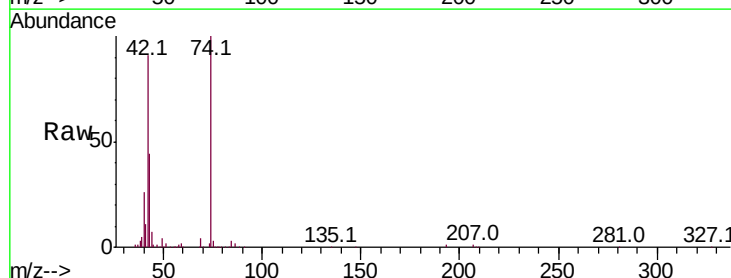
Tgt Ion: 42 Resp: 209187

Ion Ratio Lower Upper

42 100

74 109.4 88.6 132.8

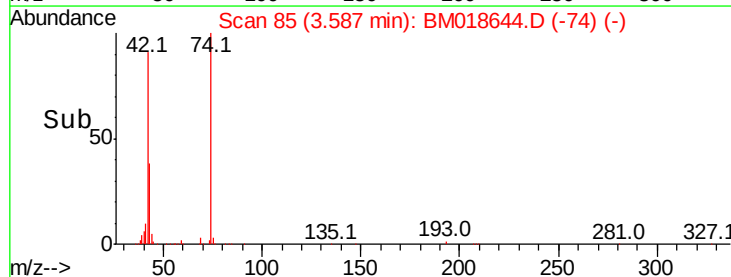
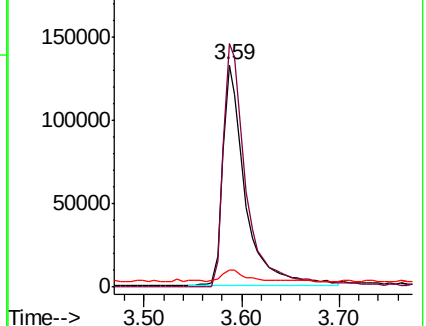
44 7.9 16.9 25.3

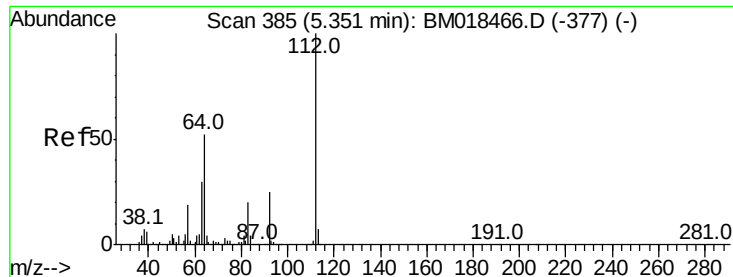


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 126.843 ng

RT: 5.33 min Scan# 381

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

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ClientSampleId :

S3-FRONT-HOUSE-7MS

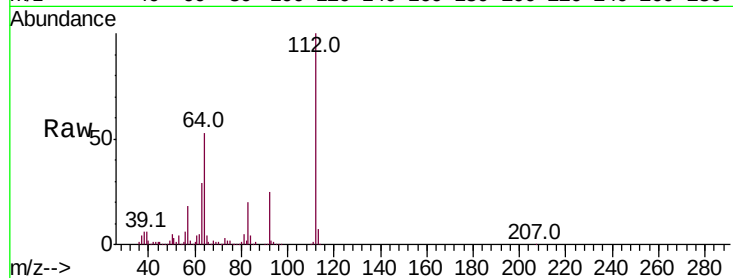
Tot Ion:112 Resp: 1449763

Ion Ratio Lower Upper

112 100

64 52.9 46.5 69.7

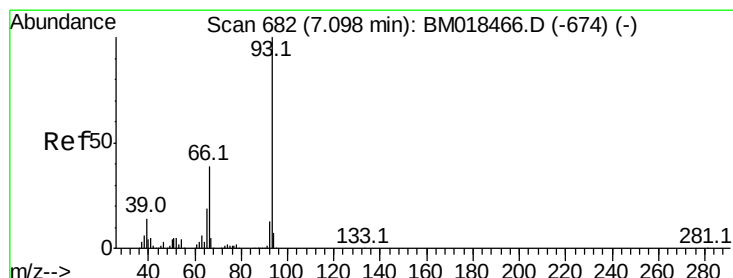
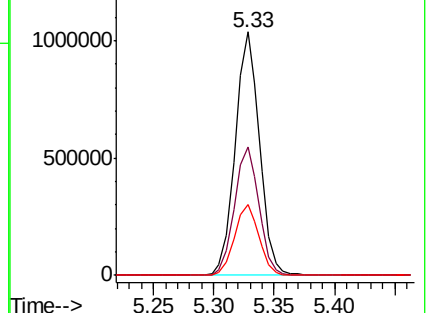
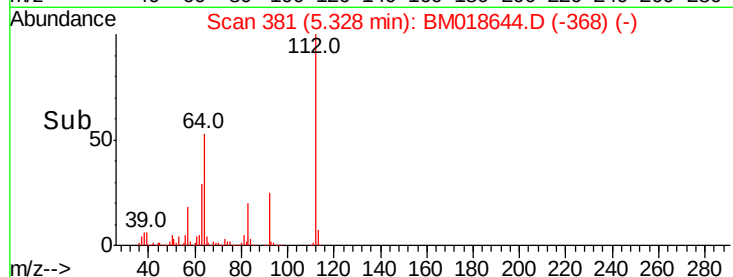
63 28.9 25.2 37.8



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. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

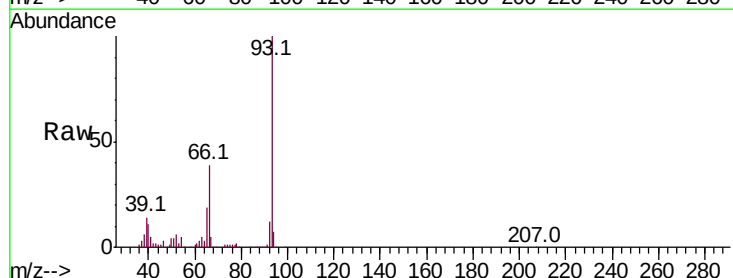
Tgt Ion: 93 Resp: 393799

Ion Ratio Lower Upper

93 100

66 38.9 31.7 47.5

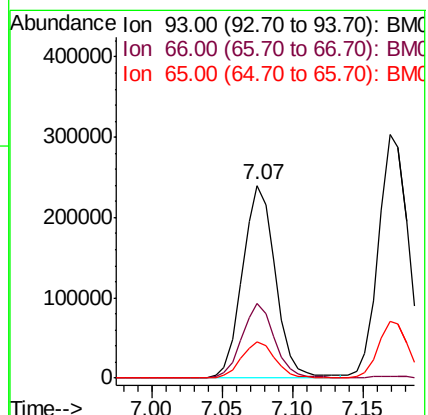
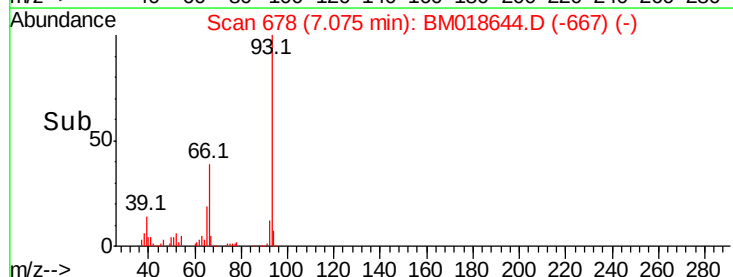
65 18.8 15.9 23.9

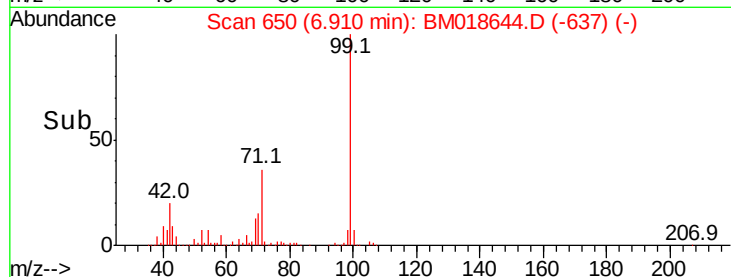
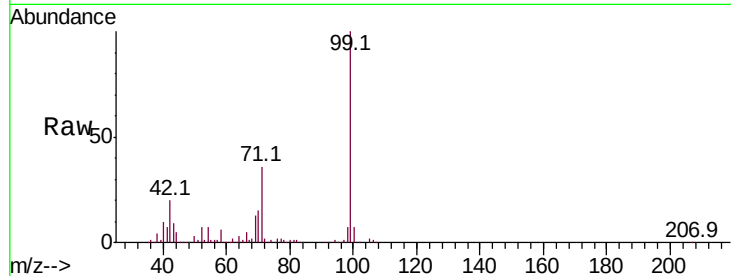
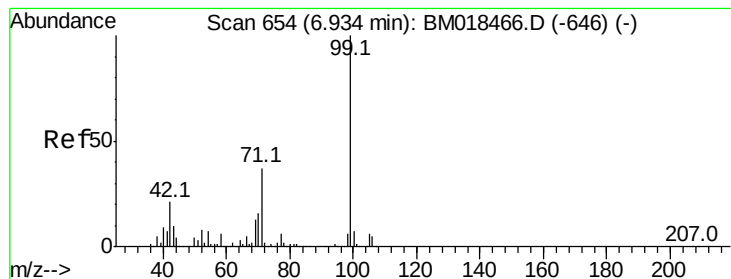


Abundance Ion 93.00 (92.70 to 93.70): B

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. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

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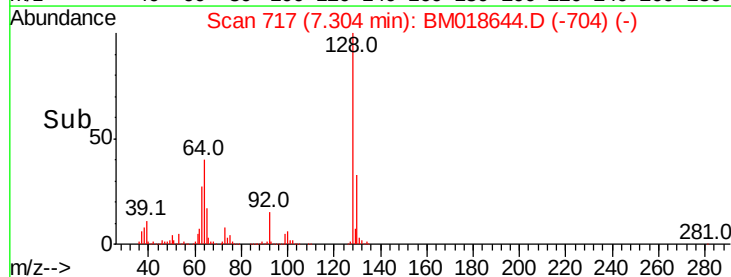
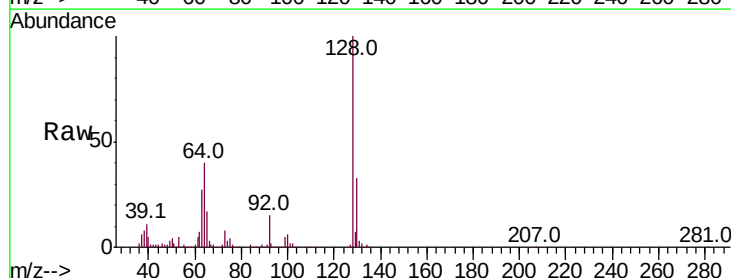
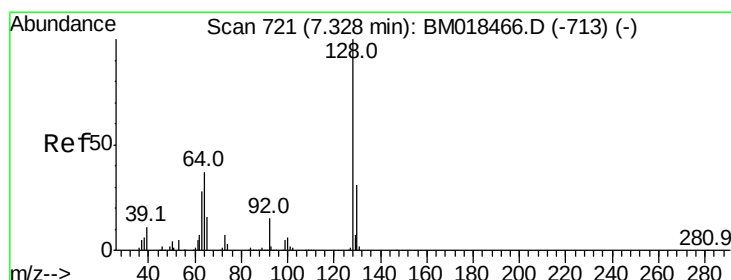
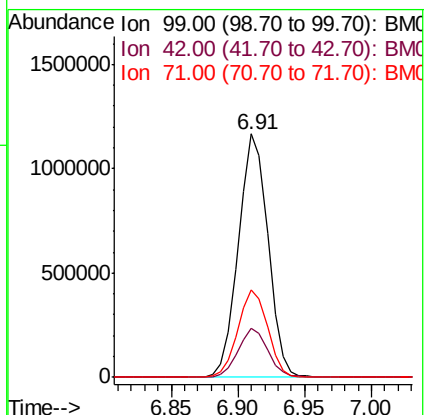
Tot Ion: 99 Resp: 1795715

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

71 36.0 28.0 42.0



#8

2-Chlorophenol

Concen: 40.586 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

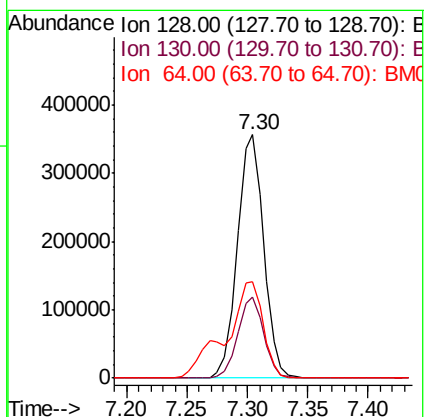
Tgt Ion: 128 Resp: 541770

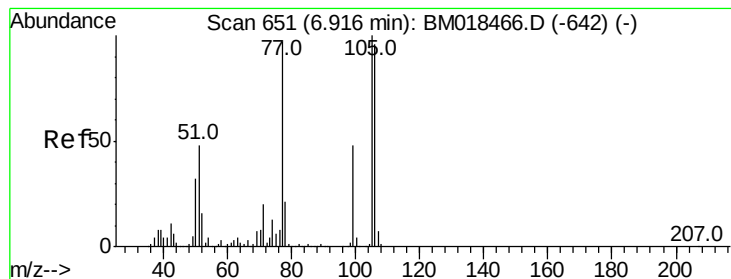
Ion Ratio Lower Upper

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. -0.03 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

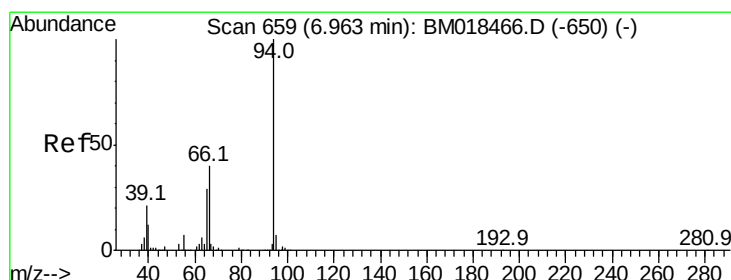
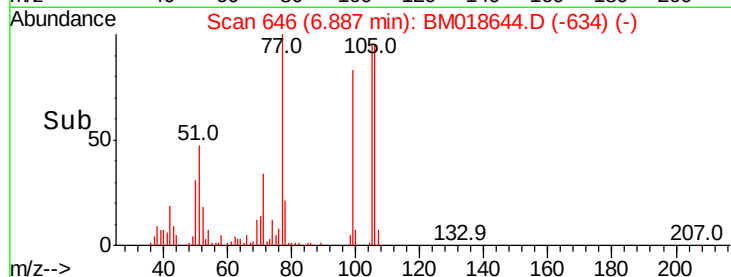
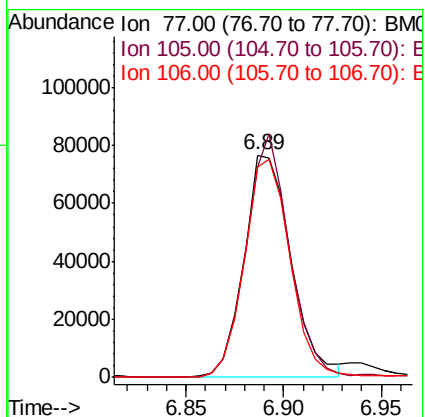
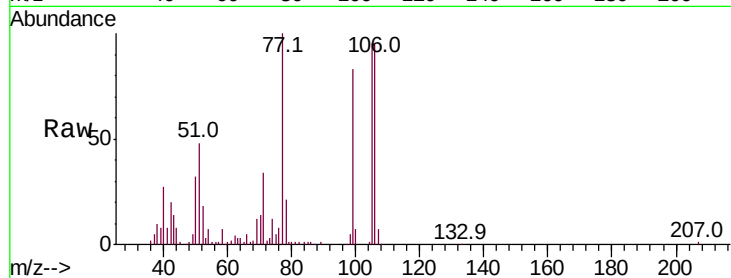
Tot Ion: 77 Resp: 128649

Ion Ratio Lower Upper

77 100

105 94.8 79.7 119.7

106 94.7 75.2 115.2



#10

Phenol

Concen: 41.298 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

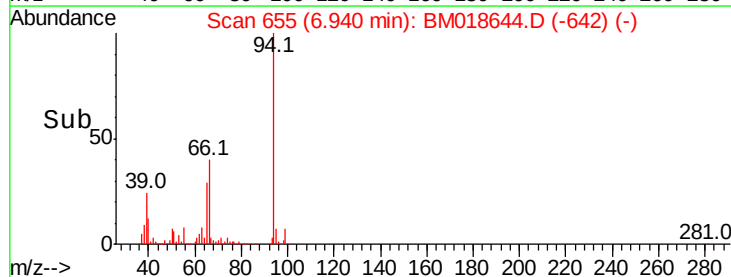
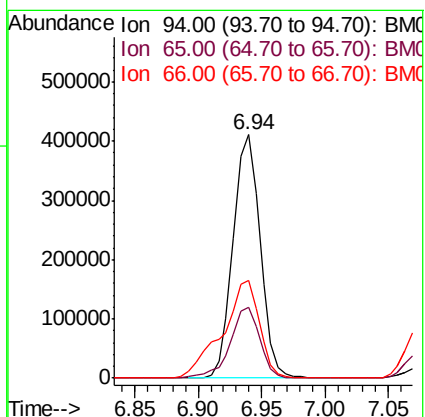
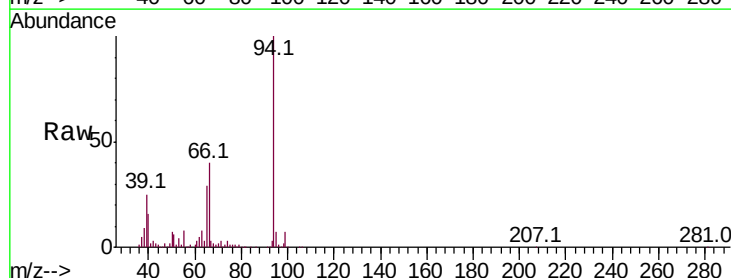
Tgt Ion: 94 Resp: 609206

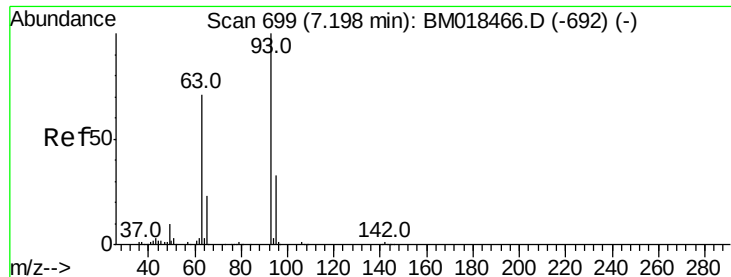
Ion Ratio Lower Upper

94 100

65 28.9 9.4 49.4

66 39.9 19.1 59.1

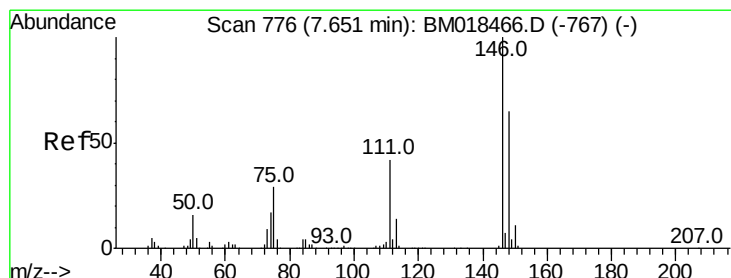
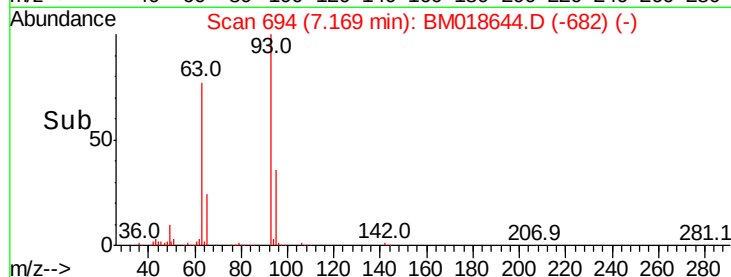
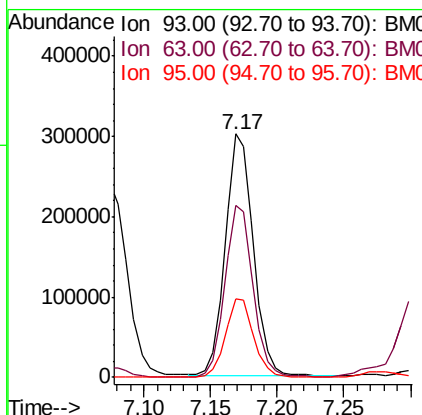
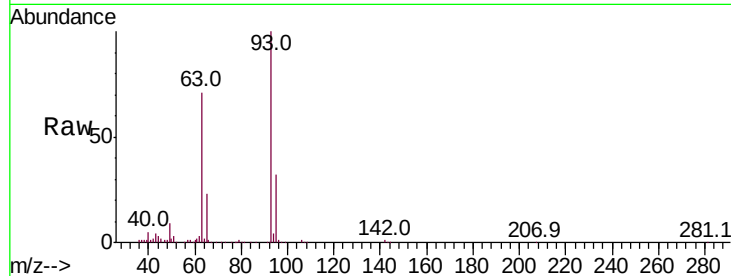




#11
bis(2-Chloroethyl)ether
Concen: 37.999 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

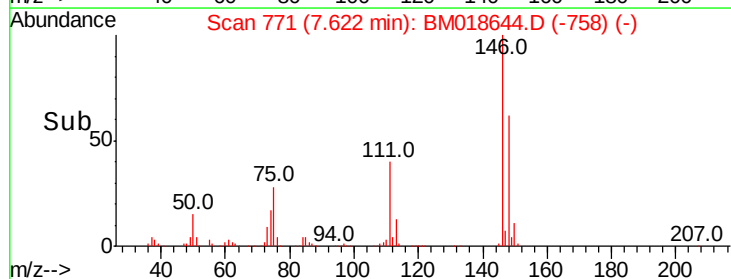
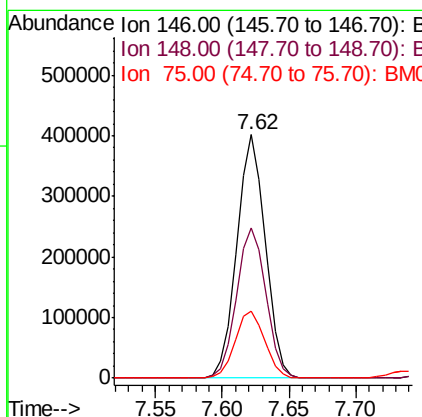
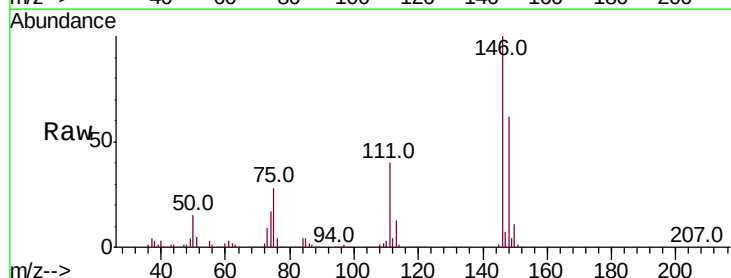
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

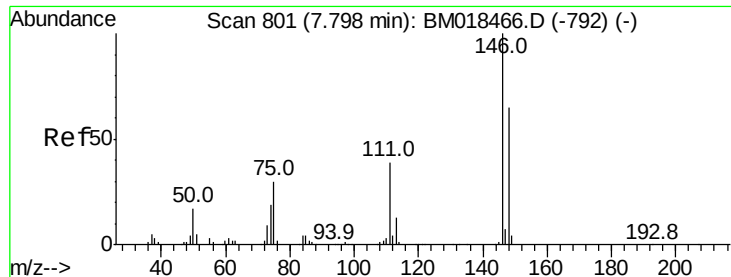
Tot Ion: 93 Resp: 440443
Ion Ratio Lower Upper
93 100
63 70.7 56.4 96.4
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.352 ng
RT: 7.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion: 146 Resp: 593792
Ion Ratio Lower Upper
146 100
148 61.7 50.5 75.7
75 27.8 23.0 34.6

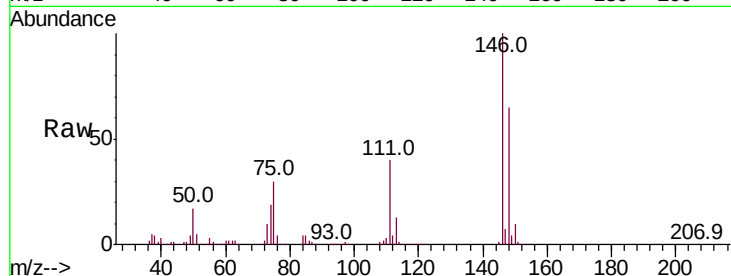




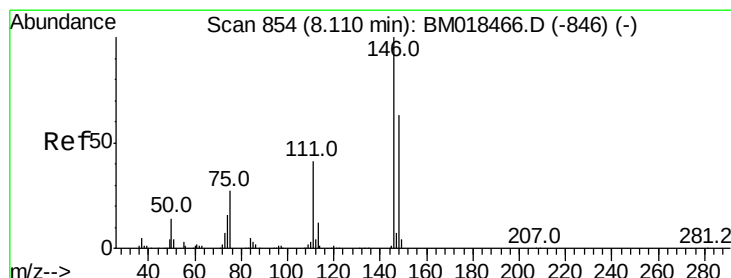
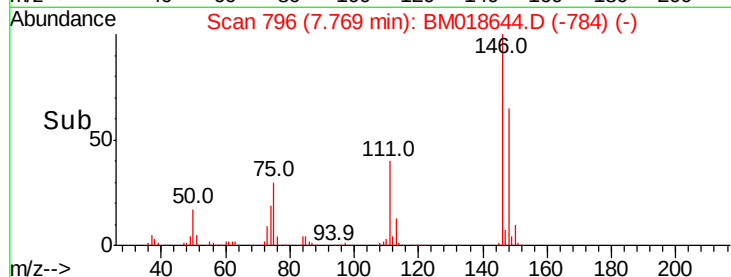
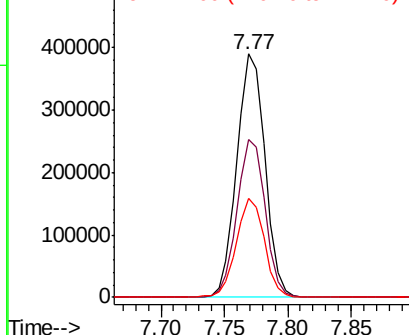
#13
1,4-Dichlorobenzene
Concen: 37.243 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

Tot Ion:146 Resp: 600074
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 40.5 32.2 48.2

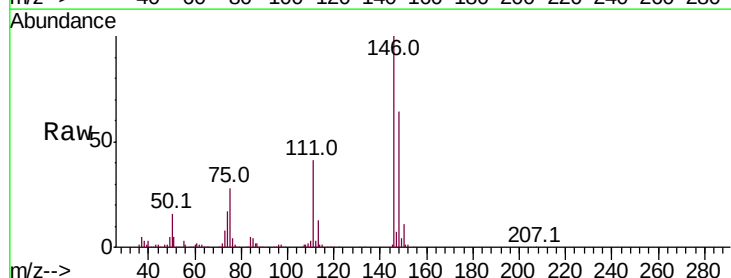


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

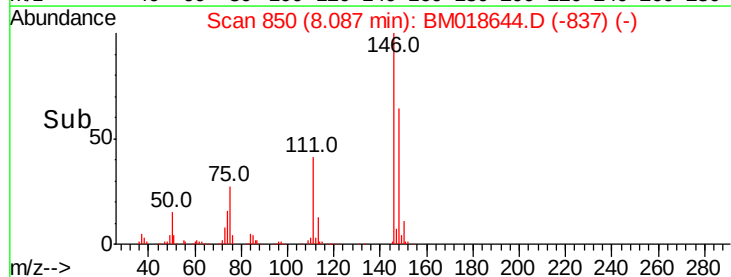
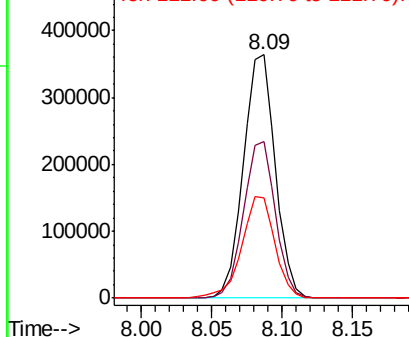


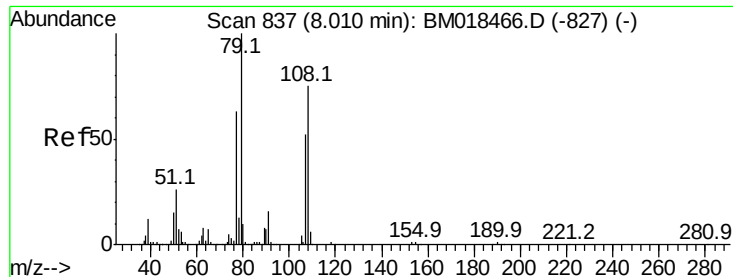
#14
1,2-Dichlorobenzene
Concen: 37.699 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:146 Resp: 575980
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 41.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.283 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.03 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

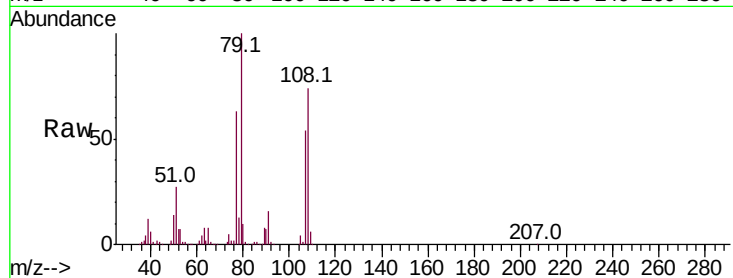
Tot Ion: 79 Resp: 422371

Ion Ratio Lower Upper

79 100

108 74.0 60.4 90.6

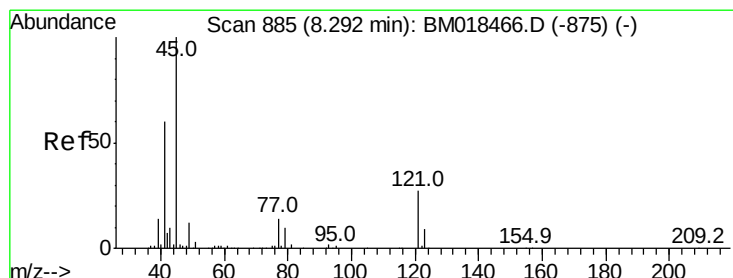
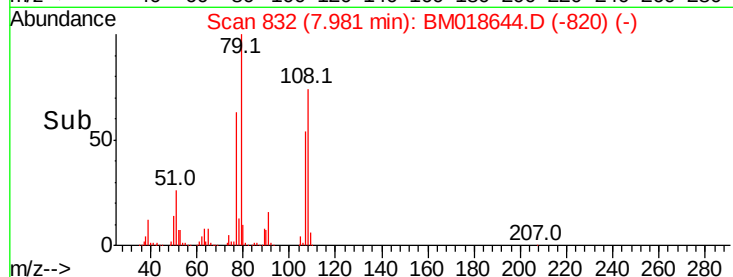
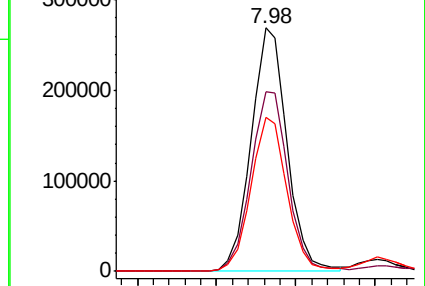
77 63.3 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018644.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018644.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018644.D (-827) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.787 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

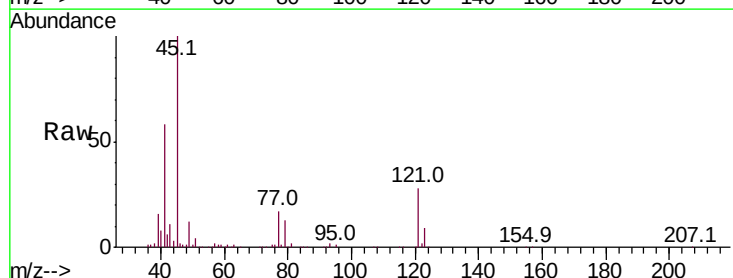
Tgt Ion: 45 Resp: 559725

Ion Ratio Lower Upper

45 100

77 16.6 0.0 33.4

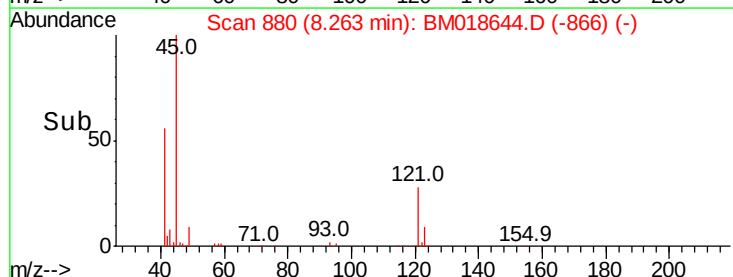
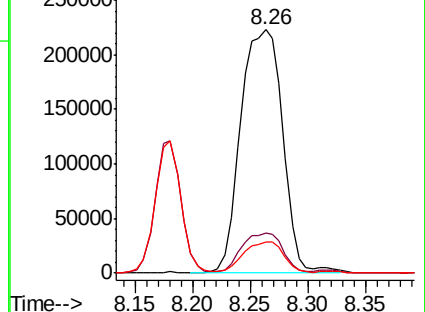
79 12.7 0.0 31.1

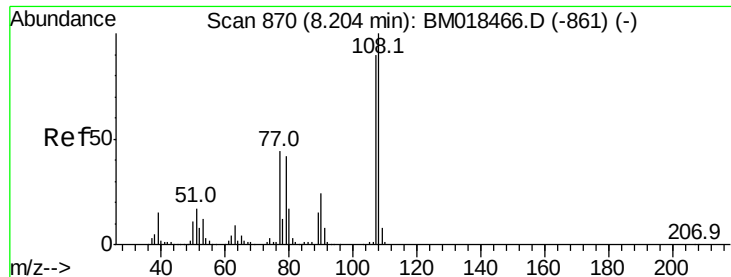


Abundance Ion 45.00 (44.70 to 45.70): BM018644.D (-866) (-)

Ion 77.00 (76.70 to 77.70): BM018644.D (-866) (-)

Ion 79.00 (78.70 to 79.70): BM018644.D (-866) (-)

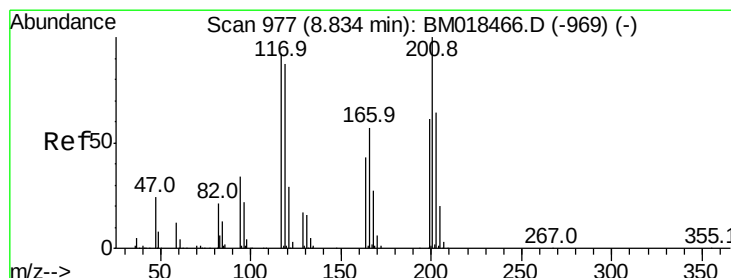
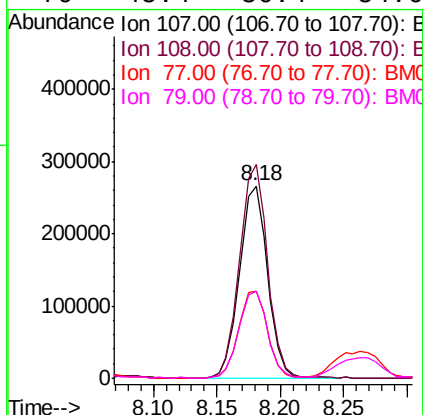
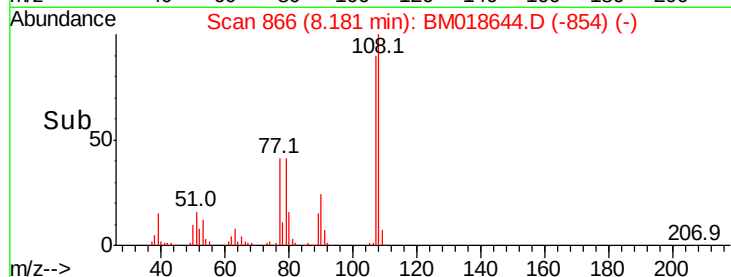
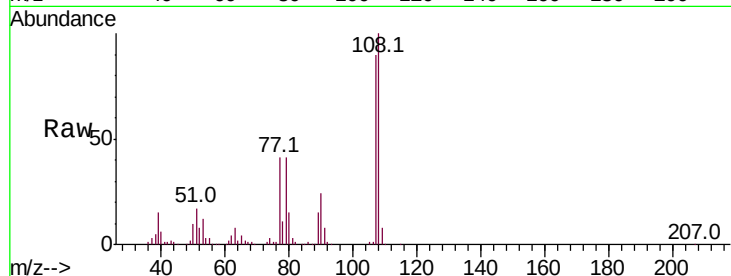




#17
2-Methylphenol
Concen: 40.732 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

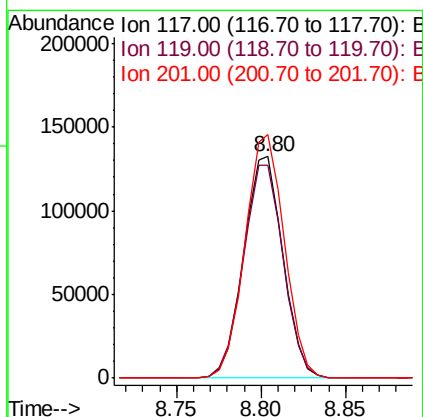
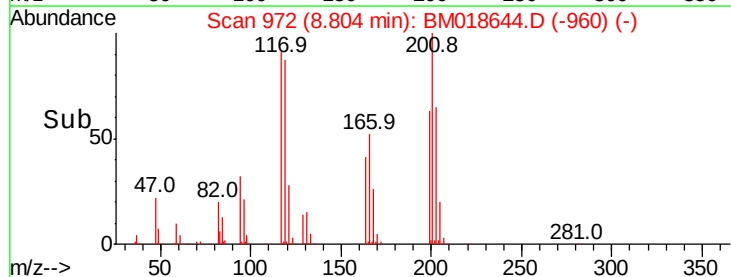
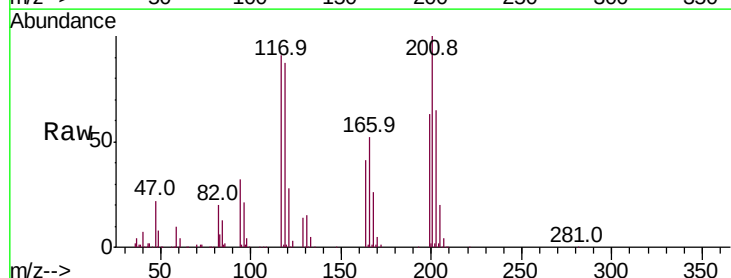
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

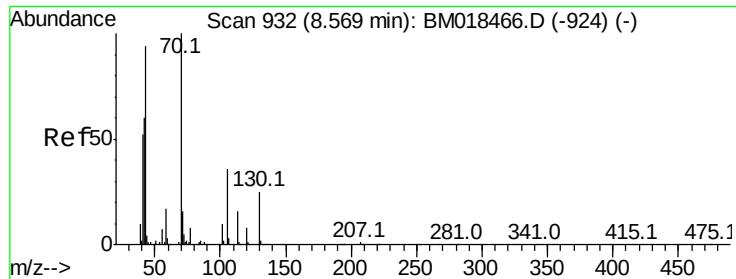
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	87.5	131.3
77	45.5	37.3	55.9
79	45.4	36.4	54.6



#18
Hexachloroethane
Concen: 37.419 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

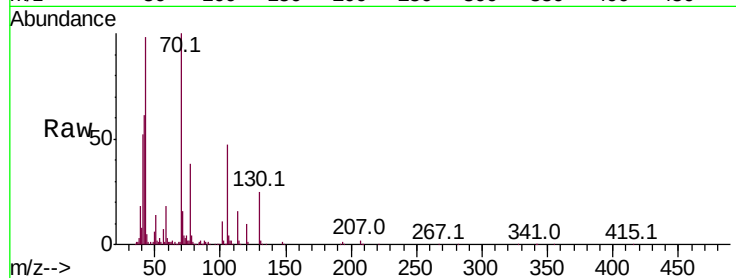




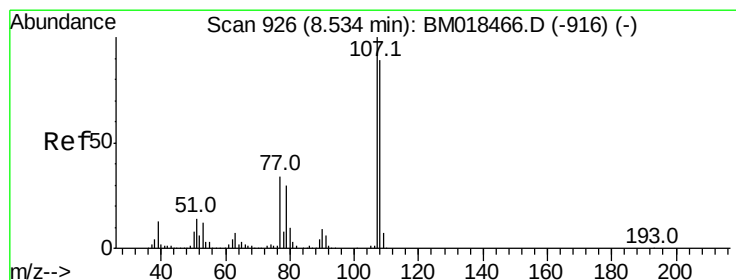
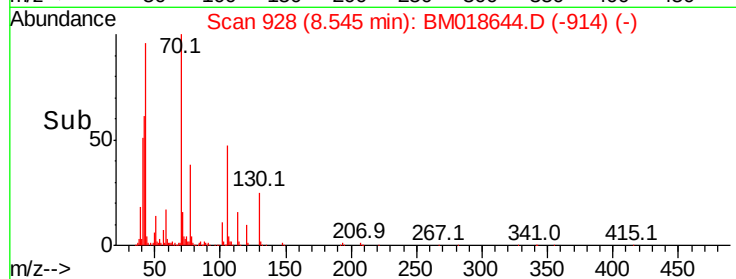
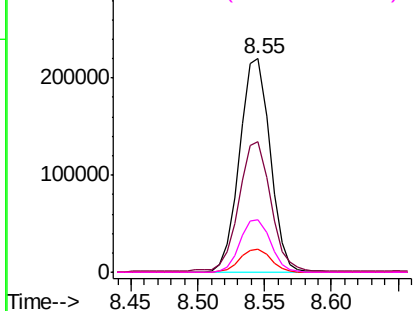
#19
n-Nitroso-di-n-propylamine
Concen: 36.958 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

Tot Ion:	70	Resp:	349152
Ion	Ratio	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

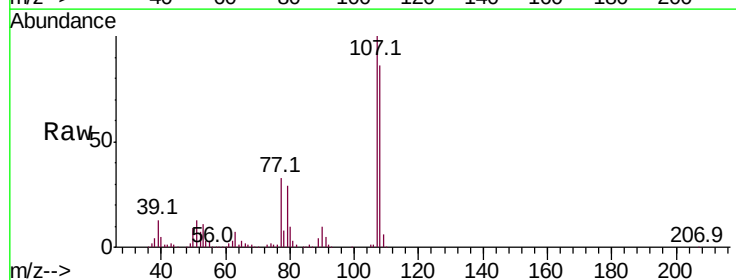


Abundance Ion 70.00 (69.70 to 70.70): BM018466.D (-924) (-)
Ion 42.00 (41.70 to 42.70): BM018466.D (-924) (-)
Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)
Ion 130.00 (129.70 to 130.70): BM018466.D (-924) (-)

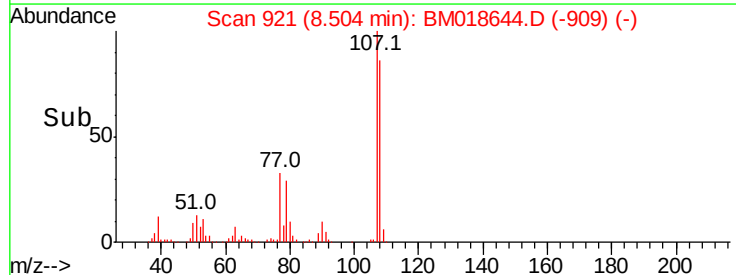
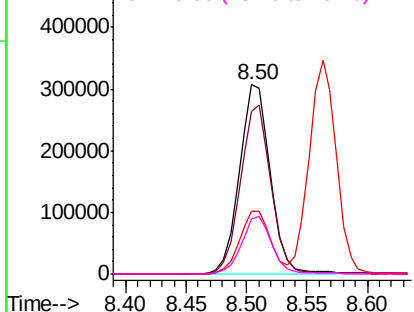


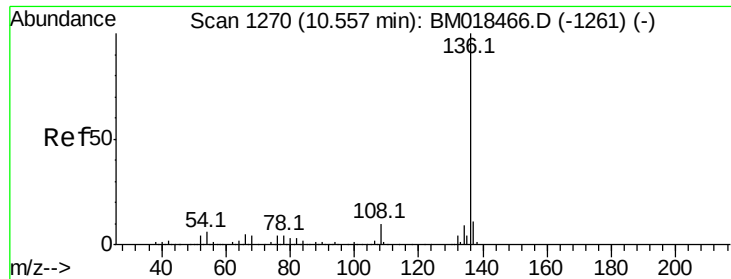
#20
3+4-Methylphenols
Concen: 39.659 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:	107	Resp:	548208
Ion	Ratio	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



Abundance Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)
Ion 108.00 (107.70 to 108.70): BM018466.D (-916) (-)
Ion 77.00 (76.70 to 77.70): BM018466.D (-916) (-)
Ion 79.00 (78.70 to 79.70): BM018466.D (-916) (-)

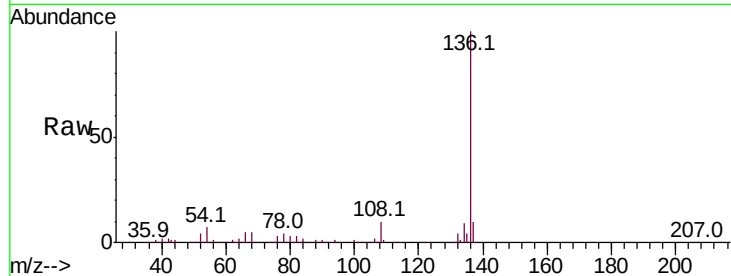




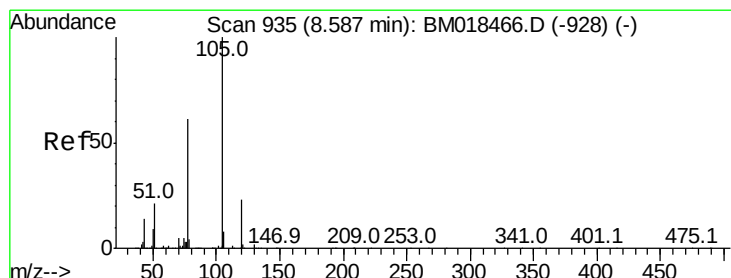
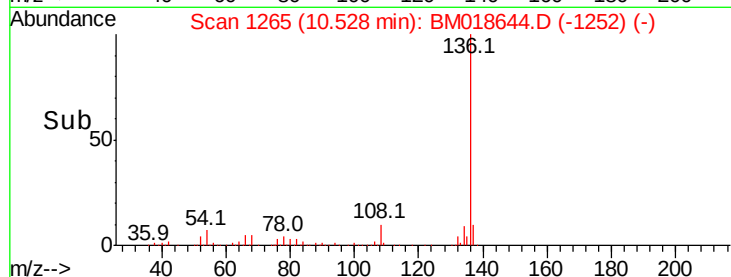
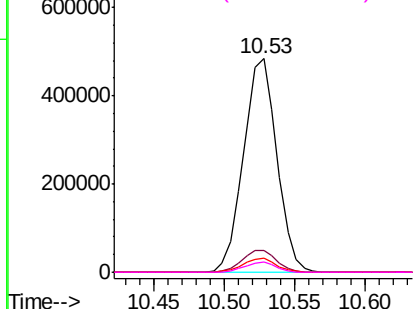
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

Tot Ion:136	Resp:	802652
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.5	6.0 9.0
68	4.6	4.5 6.7

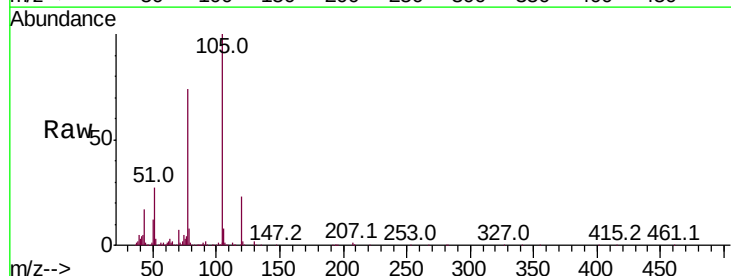


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

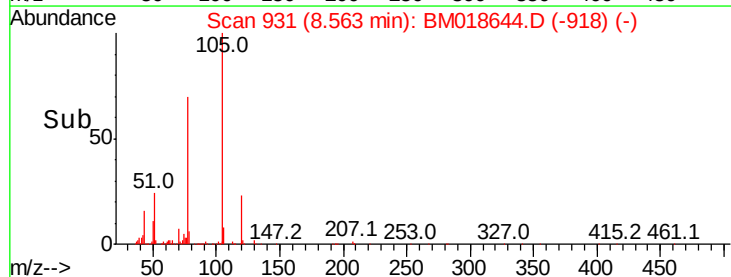
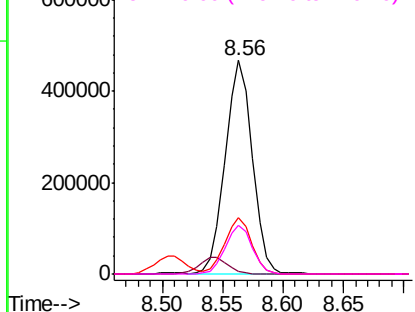


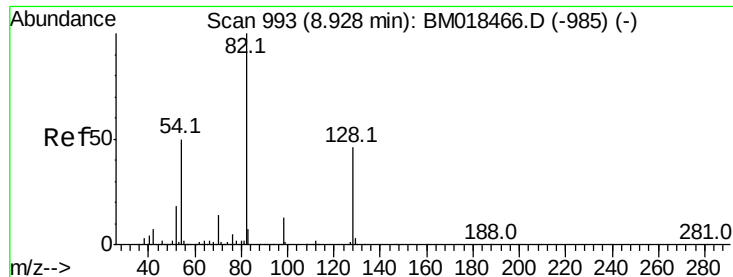
#22
Acetophenone
Concen: 36.502 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:105	Resp:	724773
Ion Ratio	Lower	Upper
105	100	
71	1.0	1.7 2.5#
51	26.5	22.6 34.0
120	22.5	18.3 27.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

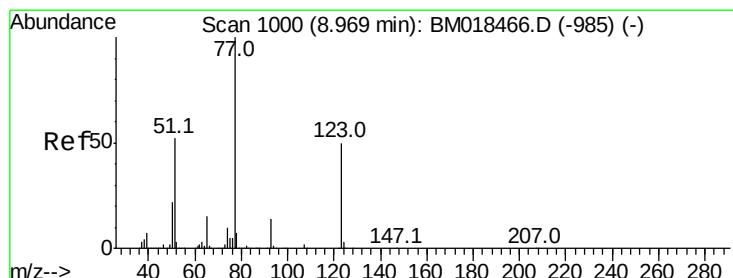
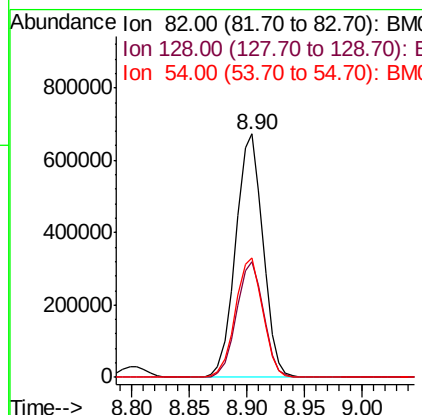
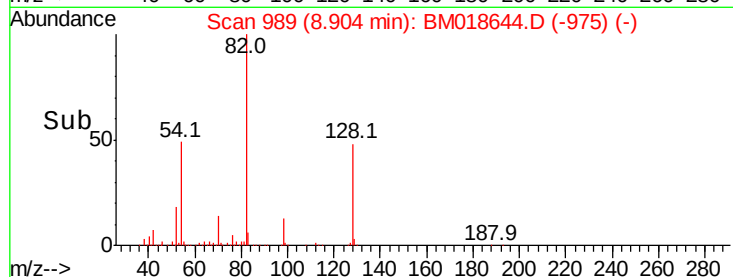
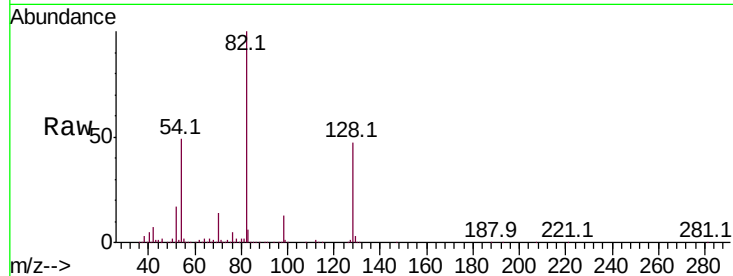




#23
Nitrobenzene-d5
Concen: 79.481 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

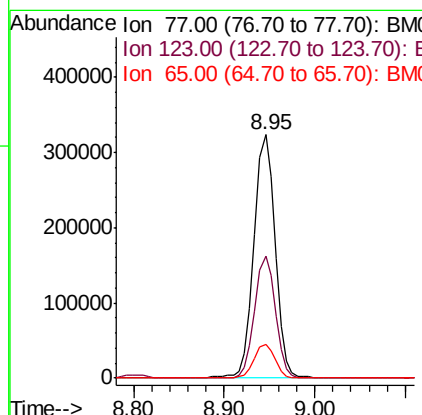
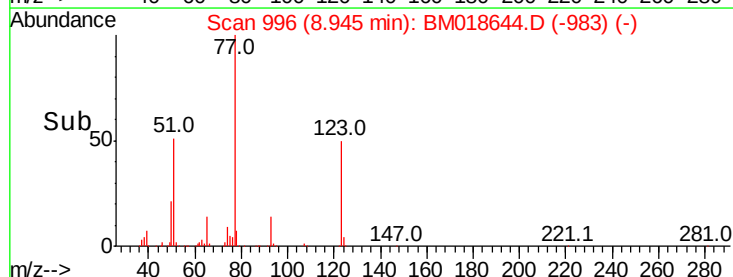
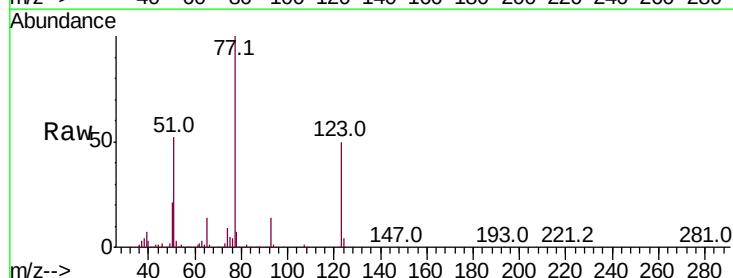
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

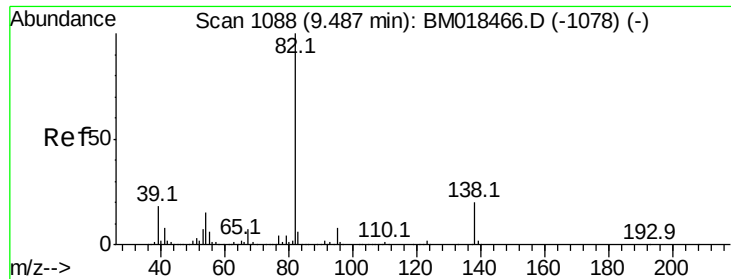
Tot Ion: 82 Resp: 1100476
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 49.1 41.7 62.5



#24
Nitrobenzene
Concen: 38.475 ng
RT: 8.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion: 77 Resp: 524152
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. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

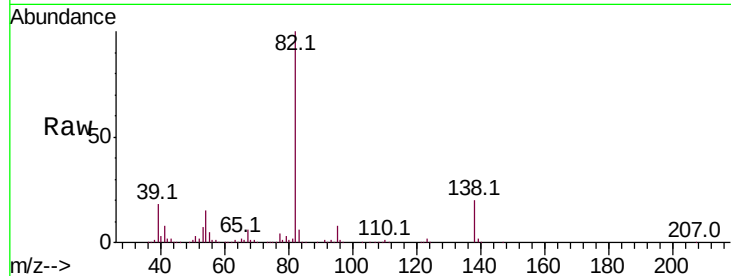
Tot Ion: 82 Resp: 943273

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

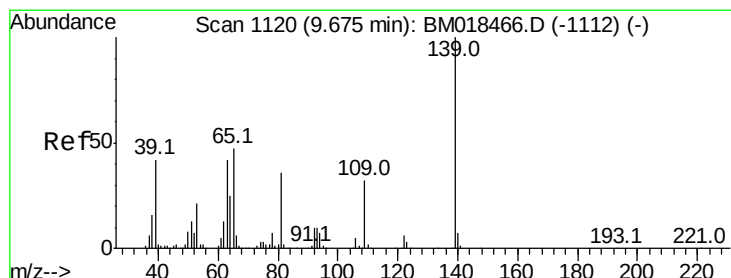
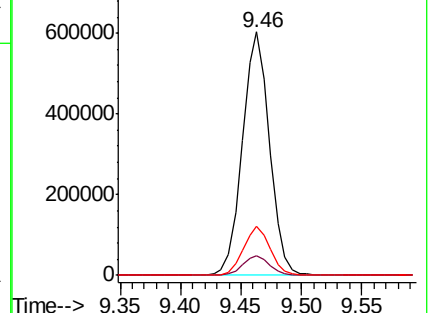
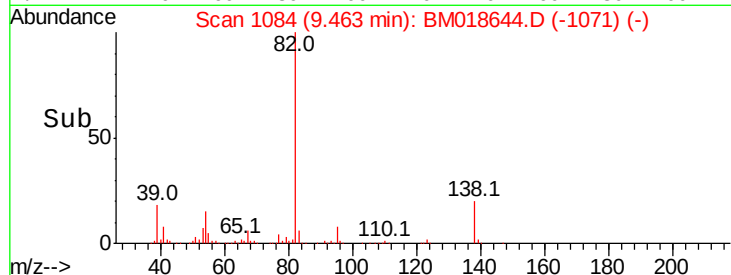
138 20.3 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 43.712 ng

RT: 9.65 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

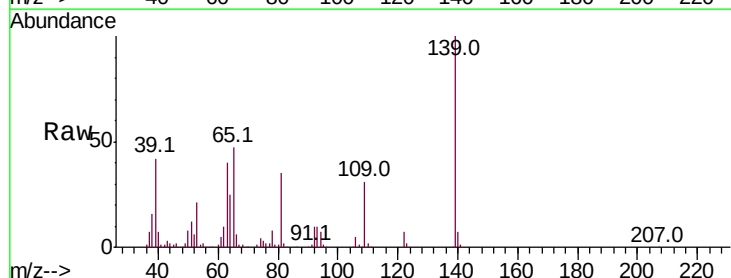
Tgt Ion: 139 Resp: 287946

Ion Ratio Lower Upper

139 100

109 30.7 23.4 35.2

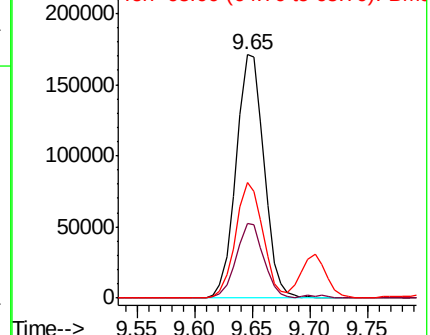
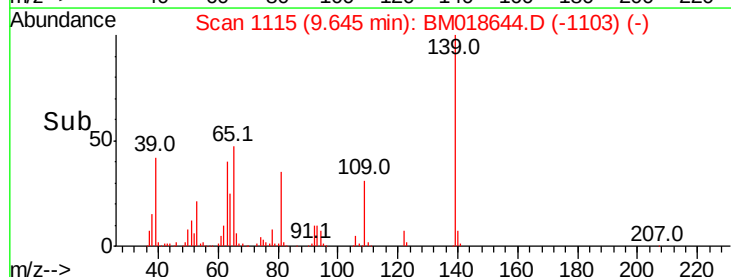
65 47.5 39.4 59.2

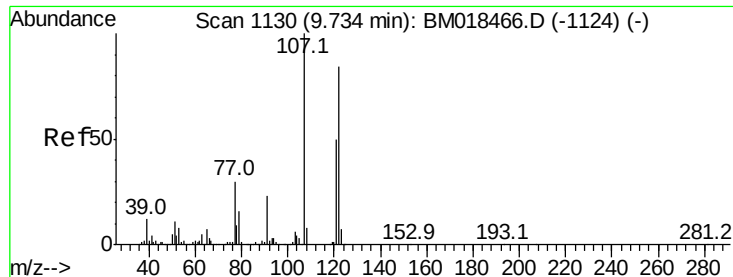


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

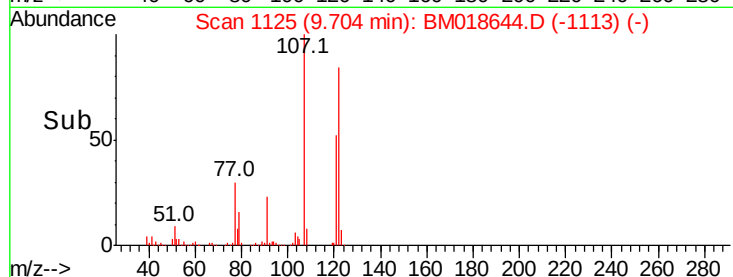
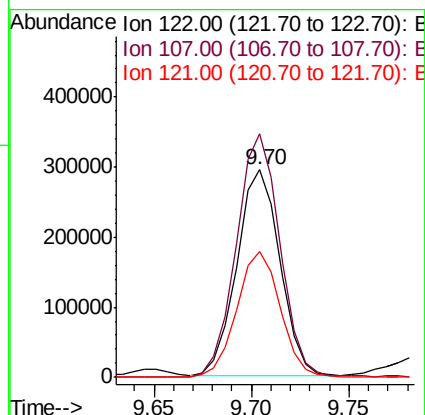
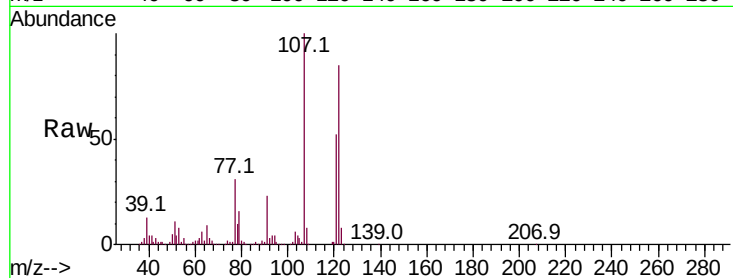




#27
2,4-Dimethylphenol
Concen: 45.753 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

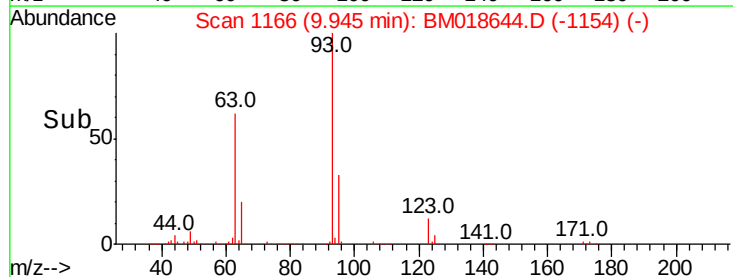
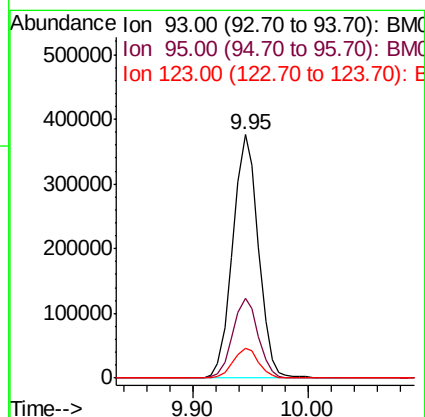
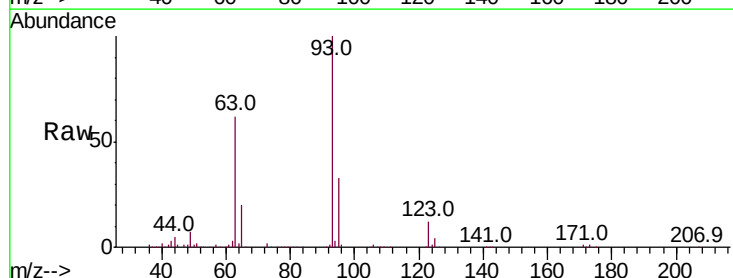
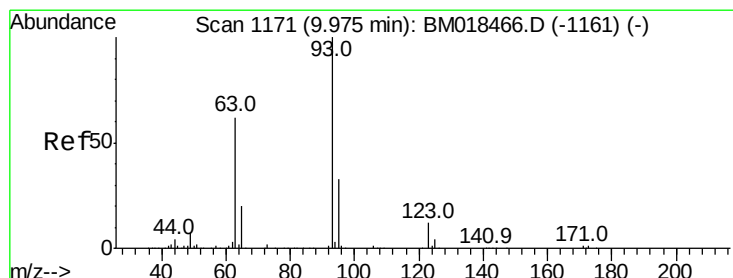
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

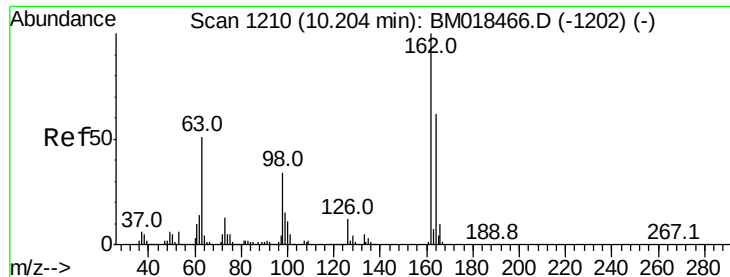
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.9	137.9
121	60.7	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.100 ng
RT: 9.95 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

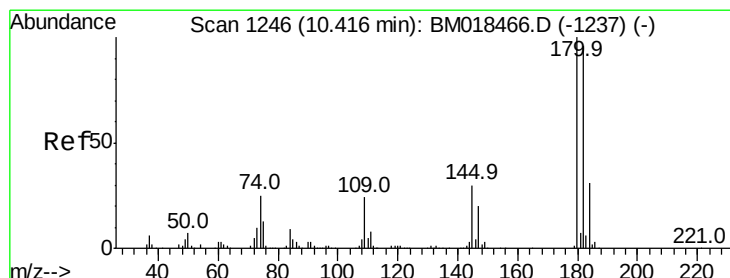
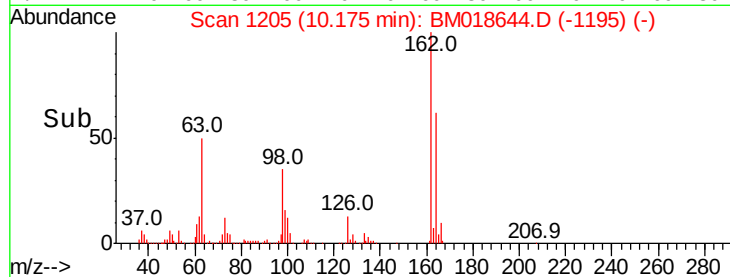
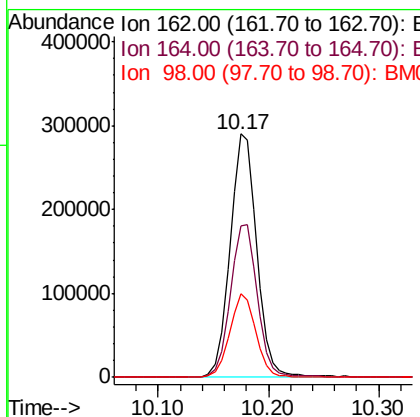
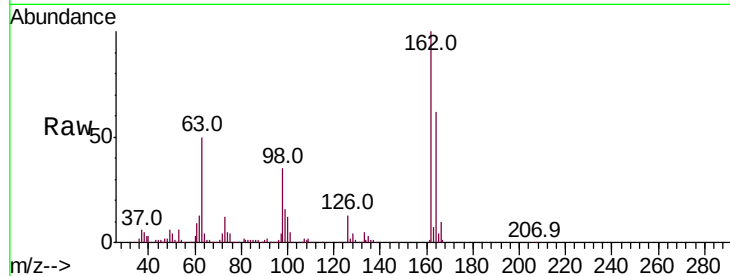




#29
 2,4-Dichlorophenol
 Concen: 41.894 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.04 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

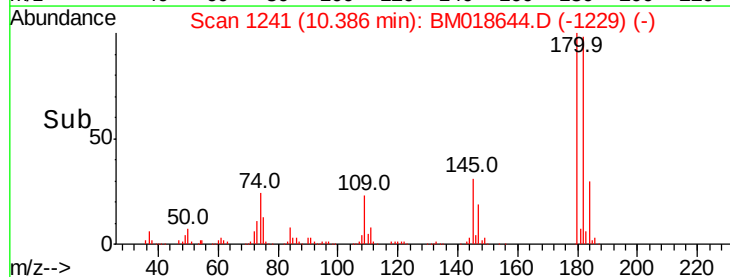
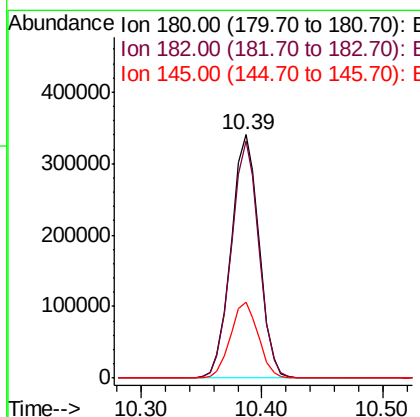
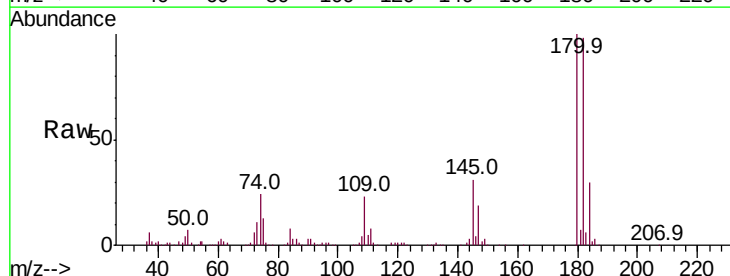
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

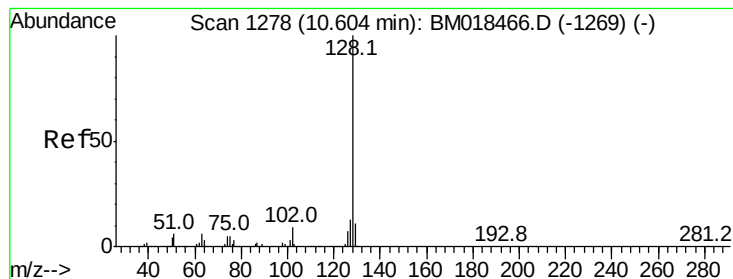
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	45.6	85.6
98	34.6	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 37.608 ng
 RT: 10.39 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

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





#31

Naphthalene

Concen: 41.050 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

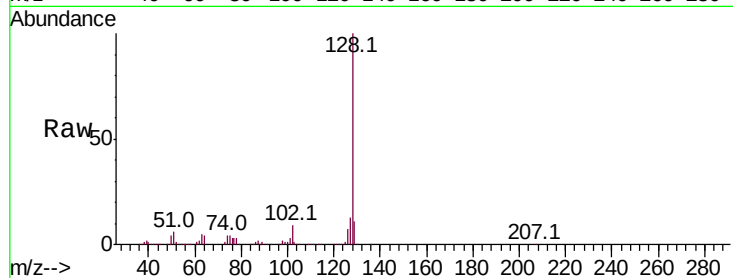
BNA_M

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

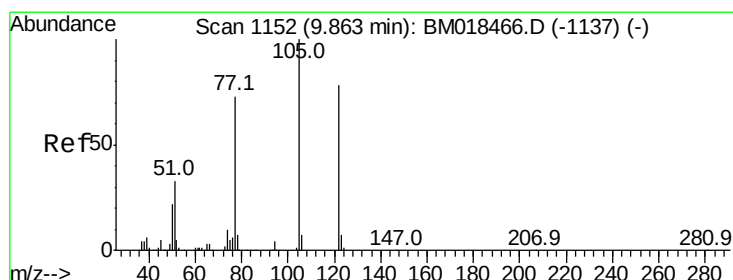
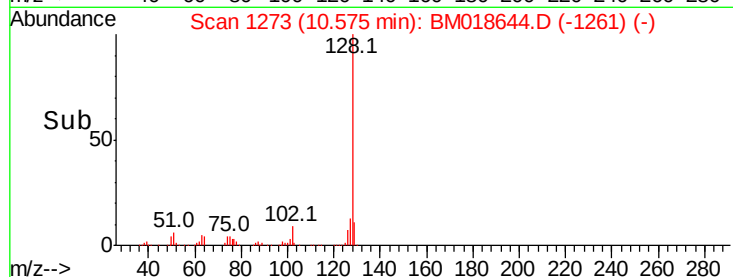
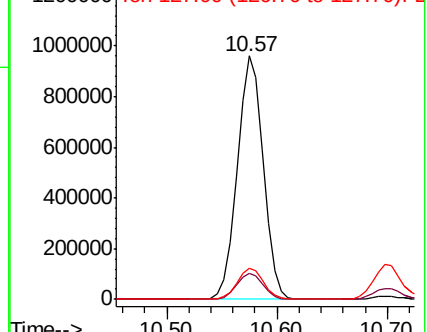


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.652 ng

RT: 9.82 min Scan# 1144

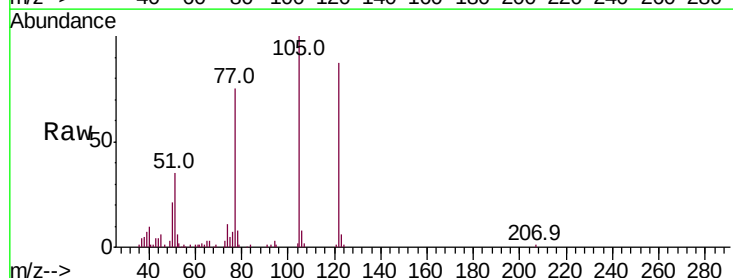
Delta R.T. -0.09 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:122 Resp: 124183

Ion	Ratio	Lower	Upper
122	100		
105	114.8	100.4	140.4
77	86.7	71.7	111.7

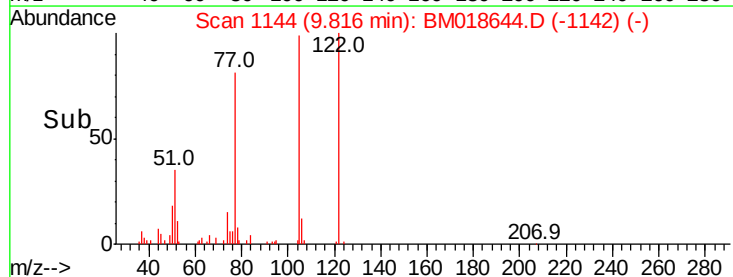
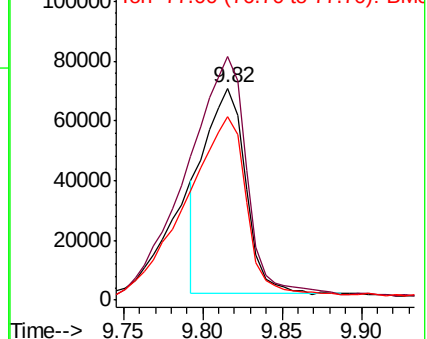


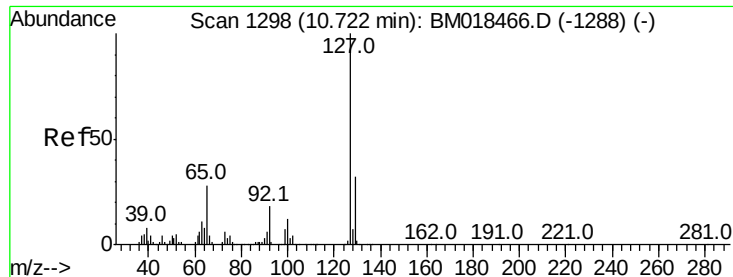
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

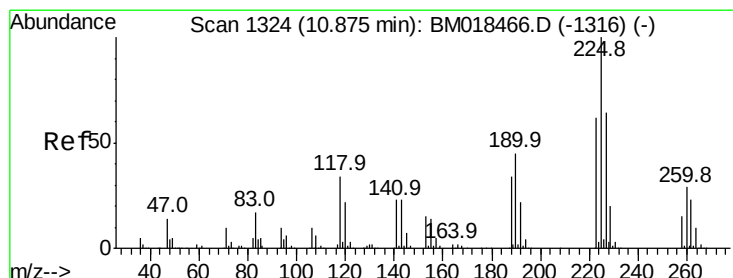
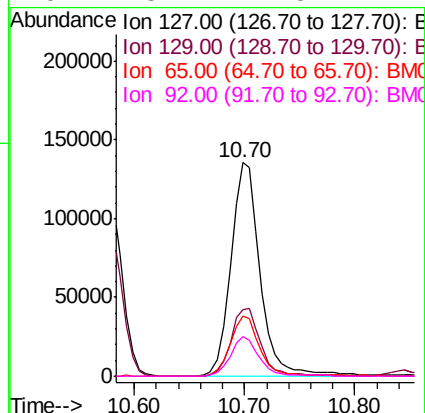
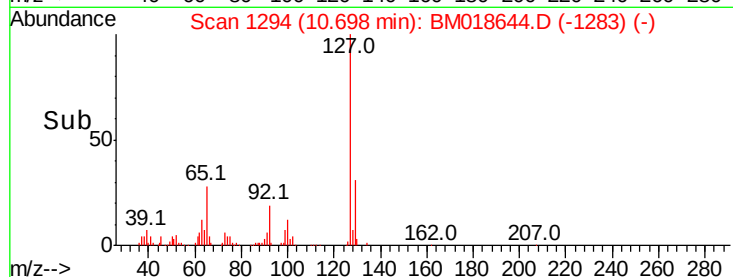
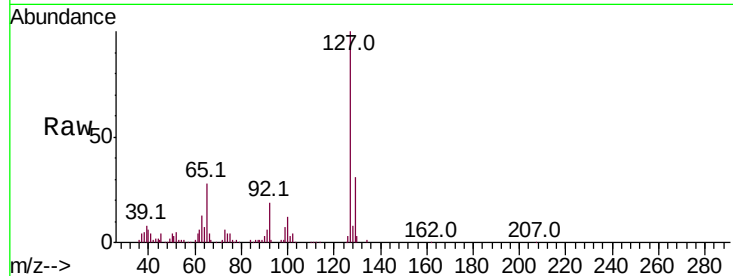




#33
4-Chloroaniline
Concen: 16.479 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

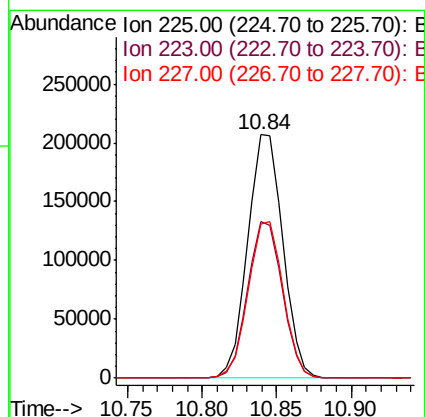
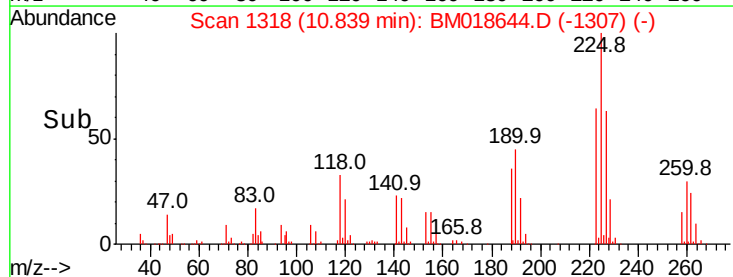
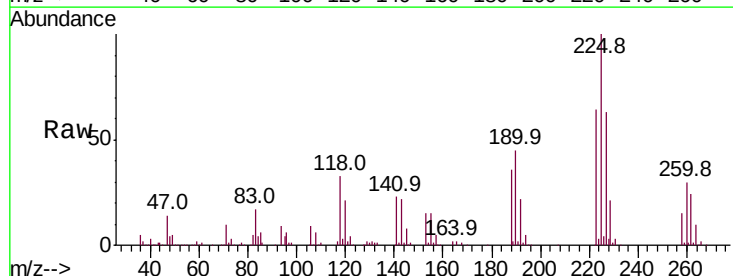
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

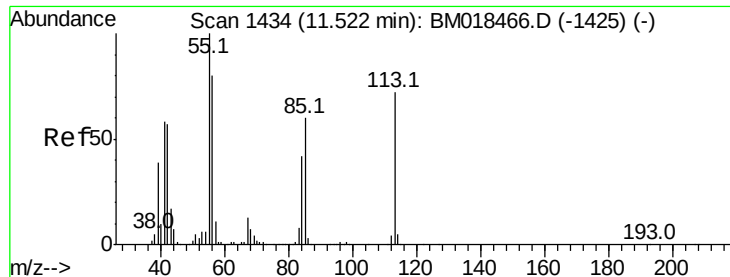
Tot Ion:	127	Resp:	250878
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	28.4	23.4	35.2
92	18.7	14.5	21.7



#34
Hexachlorobutadiene
Concen: 36.388 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:	225	Resp:	335474
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.8	76.2
227	63.3	50.4	75.6

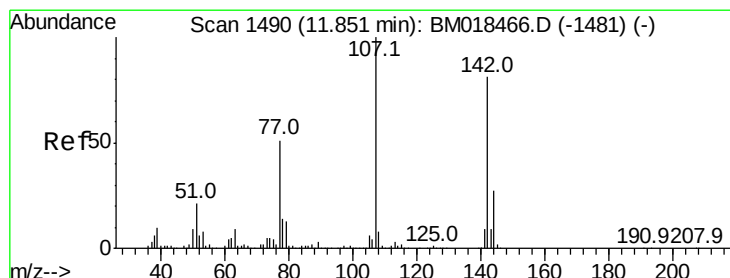
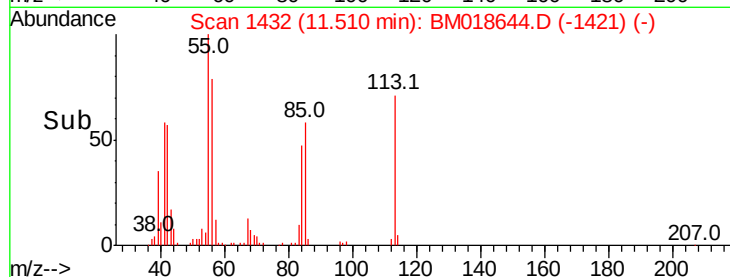
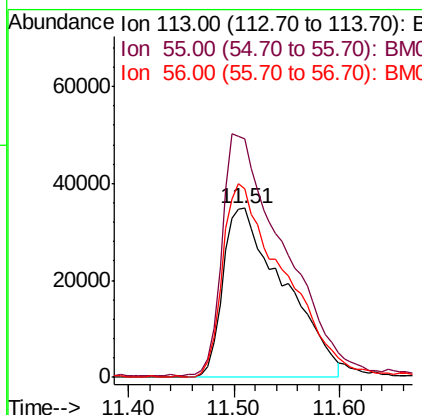
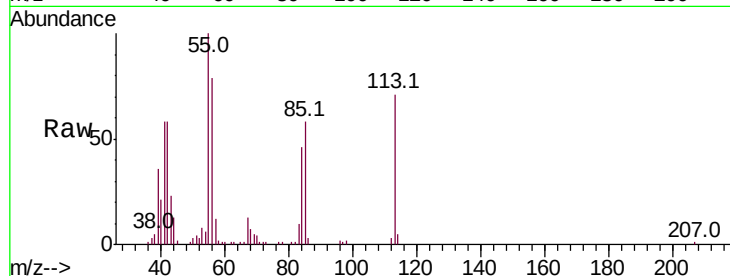




#35
 Caprolactam
 Concen: 35.139 ng
 RT: 11.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

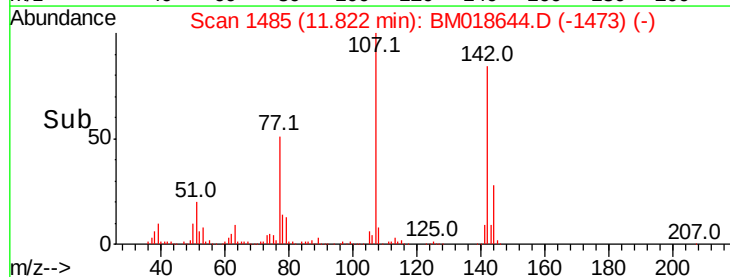
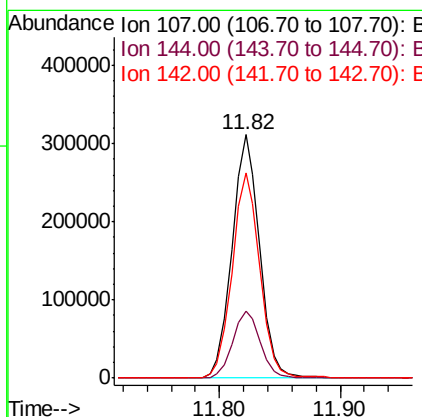
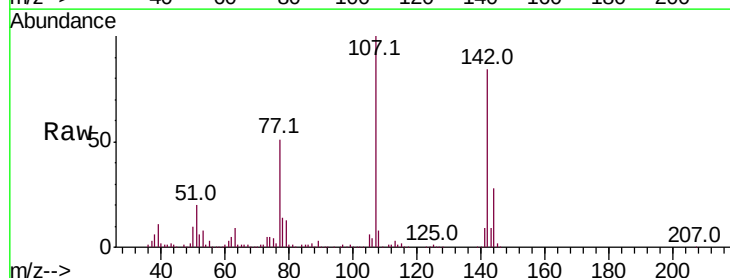
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

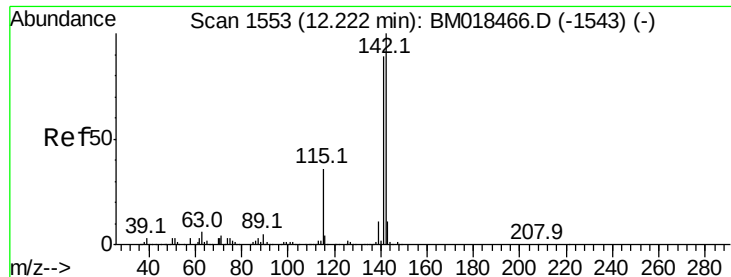
Tot Ion:113 Resp: 140463
 Ion Ratio Lower Upper
 113 100
 55 141.2 139.3 179.3
 56 111.7 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.117 ng
 RT: 11.82 min Scan# 1485
 Delta R.T. -0.03 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Tgt Ion:107 Resp: 494831
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.9 32.9
 142 84.4 67.9 101.9

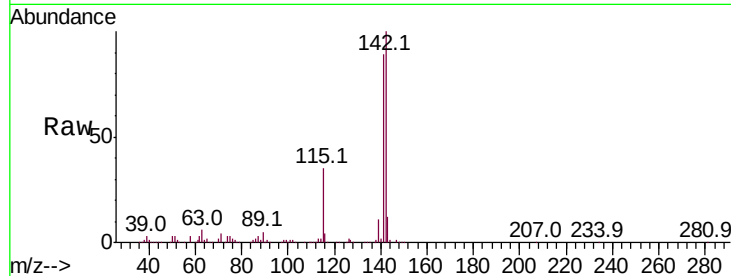




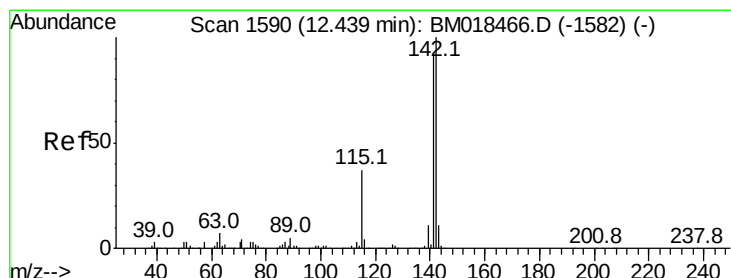
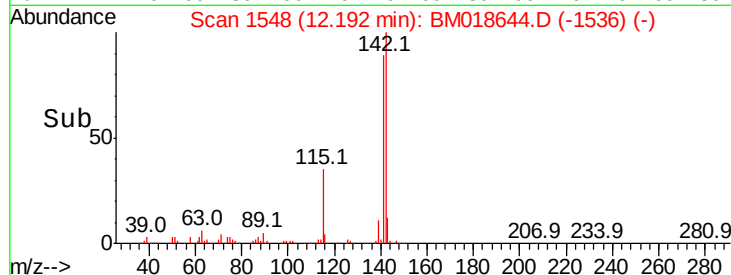
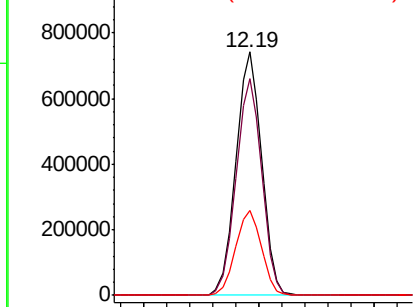
#37
2-Methylnaphthalene
Concen: 41.763 ng
RT: 12.19 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

Tot Ion:142 Resp: 1140621
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 34.8 28.0 42.0

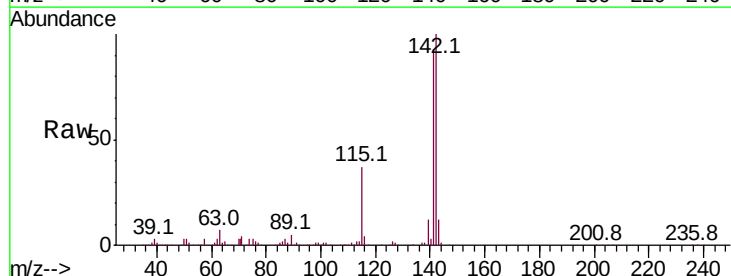


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

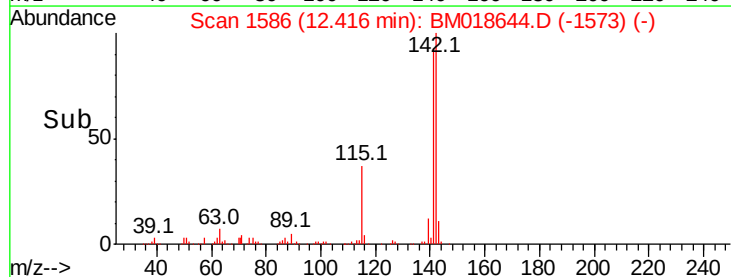
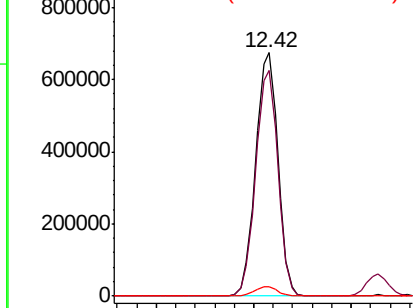


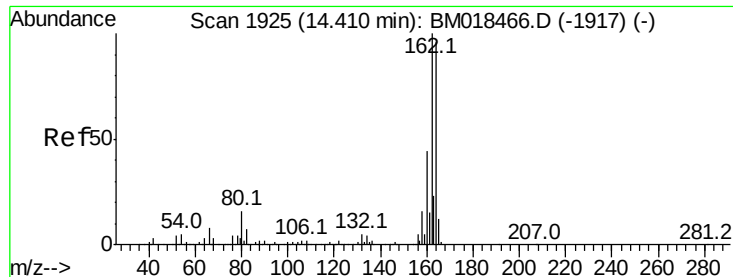
#38
1-Methylnaphthalene
Concen: 40.809 ng
RT: 12.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:142 Resp: 1078437
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. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

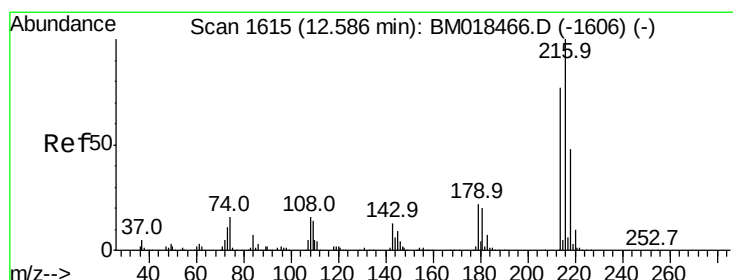
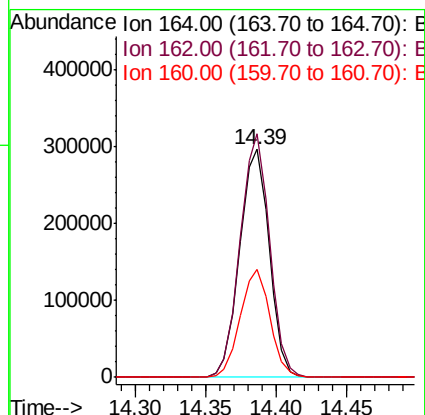
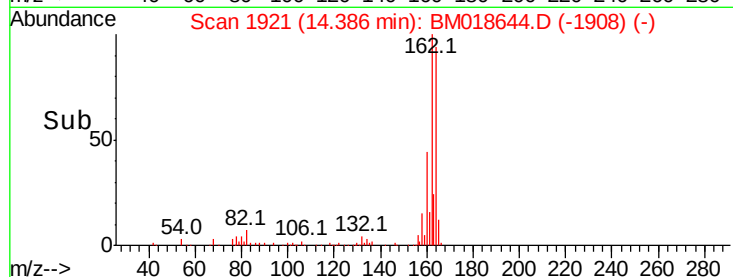
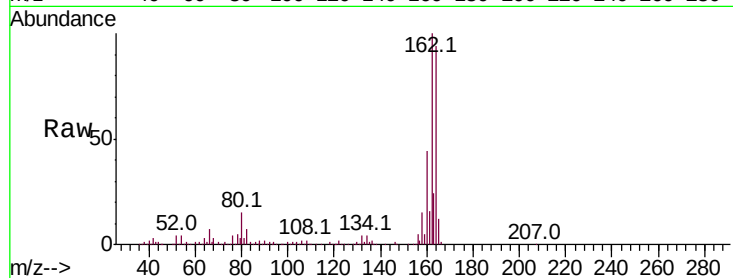
BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:164 Resp: 435153

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.732 ng

RT: 12.56 min Scan# 1610

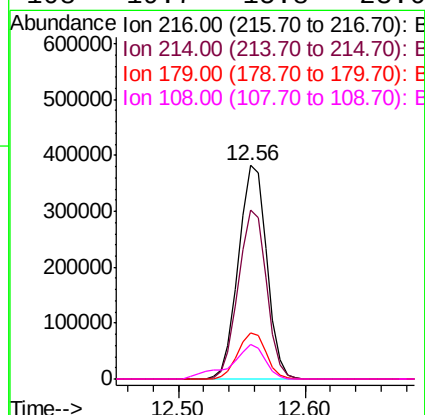
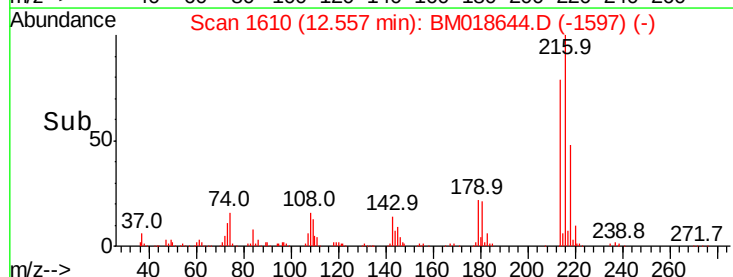
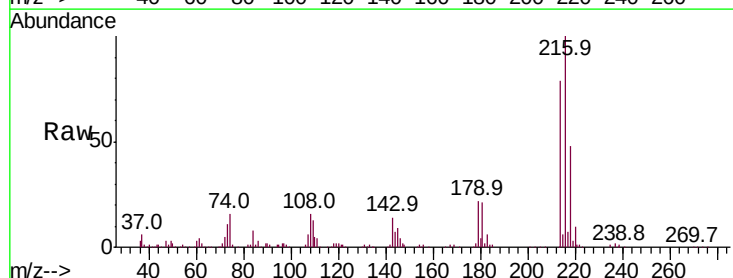
Delta R.T. -0.02 min

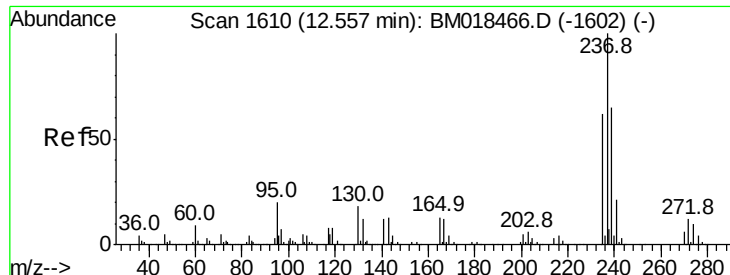
Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:216 Resp: 589389

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

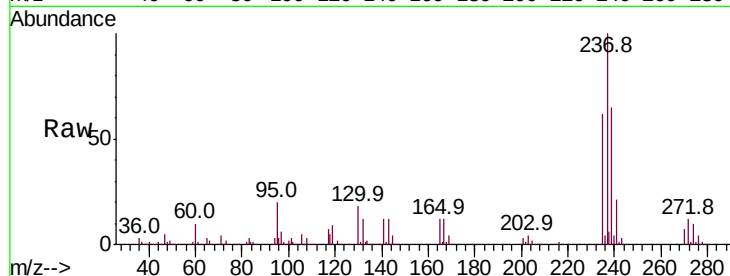




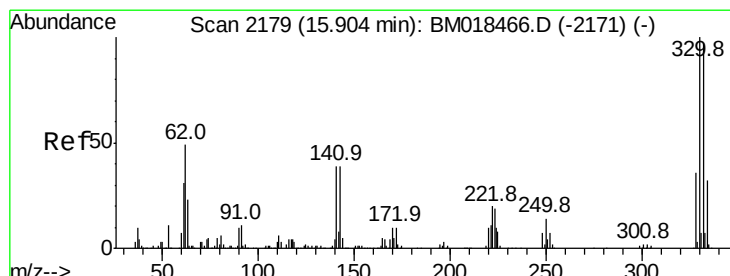
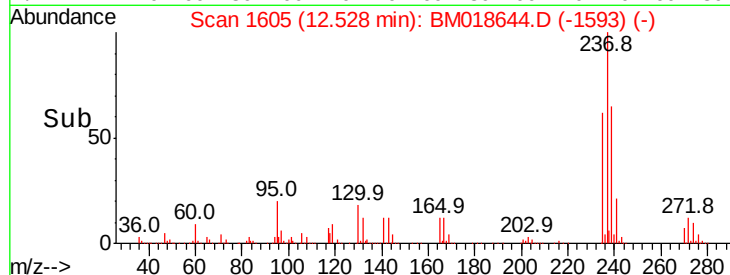
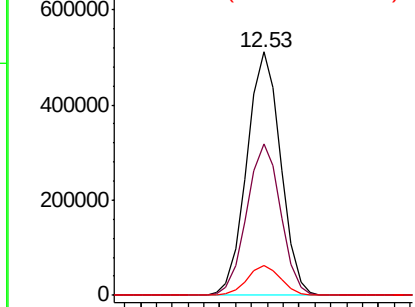
#41
Hexachlorocyclopentadiene
Concen: 90.965 ng
RT: 12.53 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

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

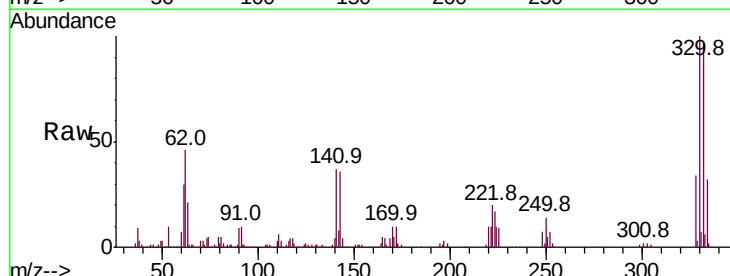


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

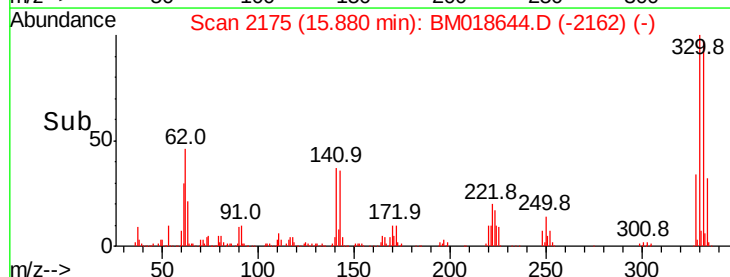
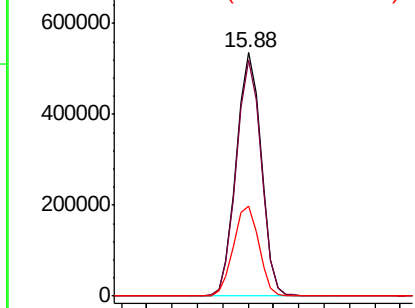


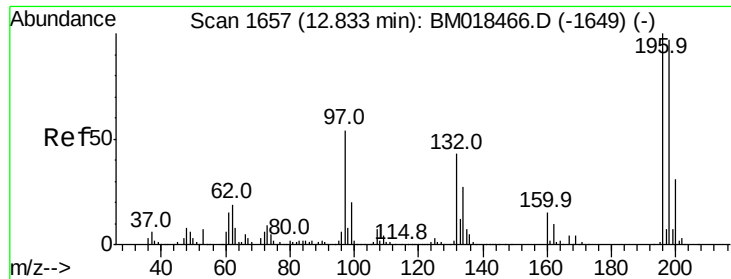
#42
2,4,6-Tribromophenol
Concen: 131.944 ng
RT: 15.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

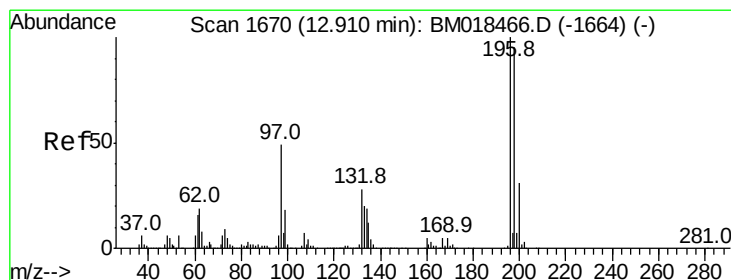
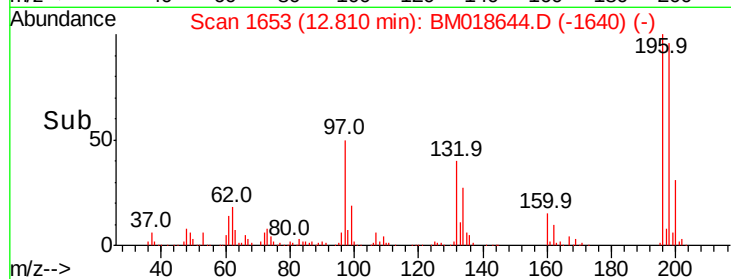
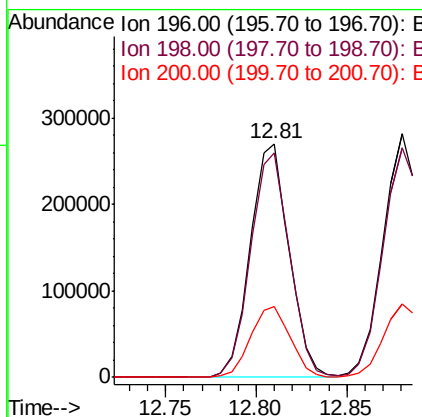
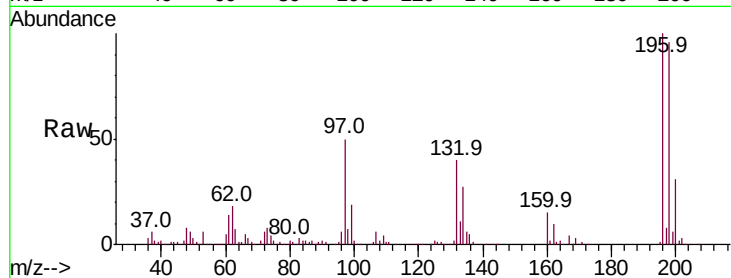




#43
 2,4,6-Trichlorophenol
 Concen: 43.583 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

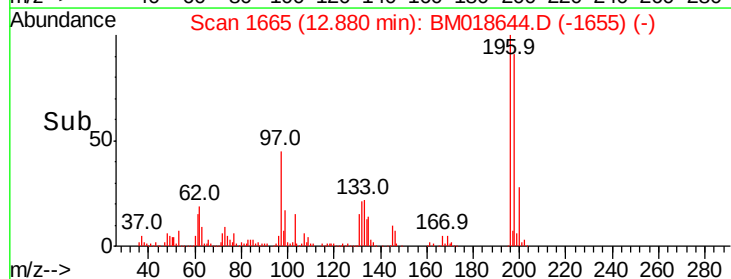
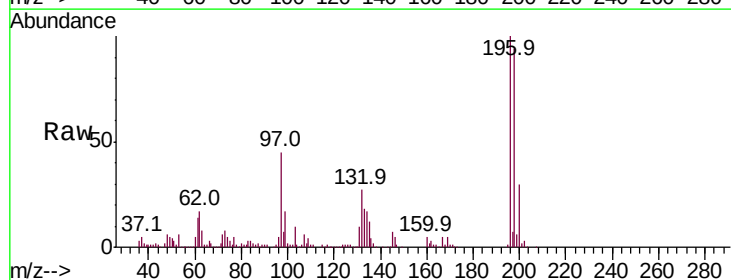
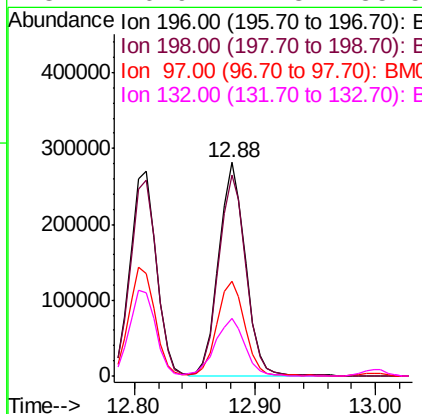
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

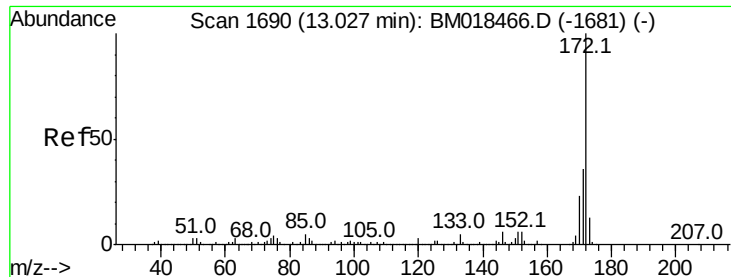
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	30.6	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.944 ng
 RT: 12.88 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

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

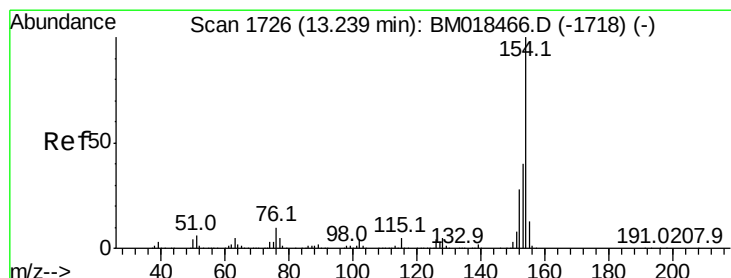
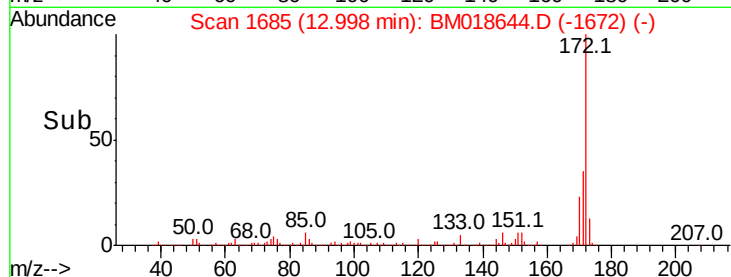
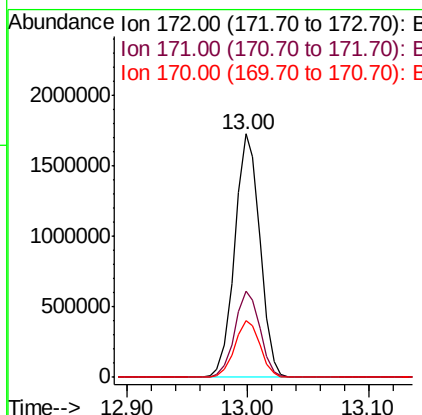
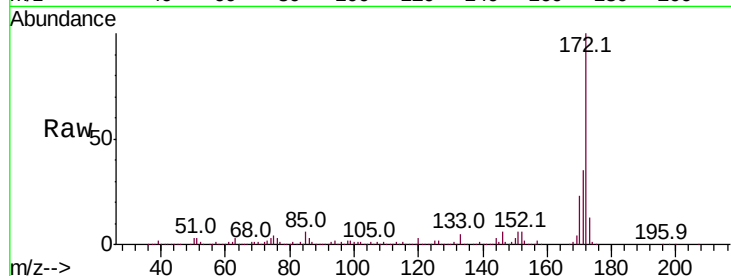




#45
2-Fluorobiphenyl
Concen: 75.262 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

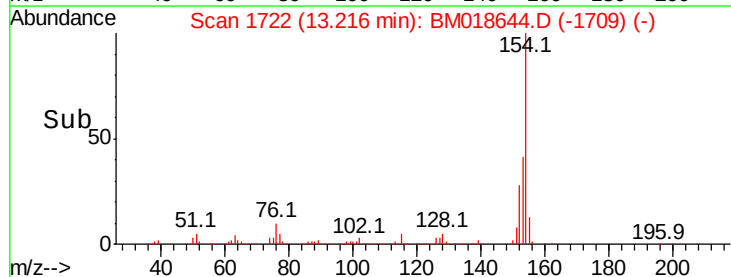
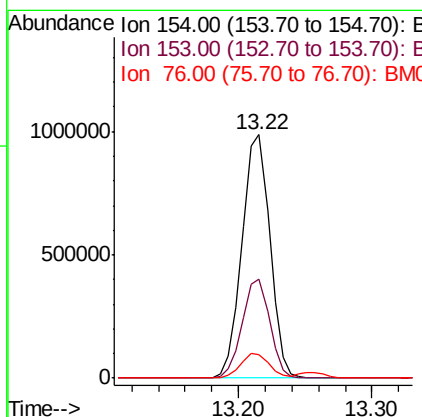
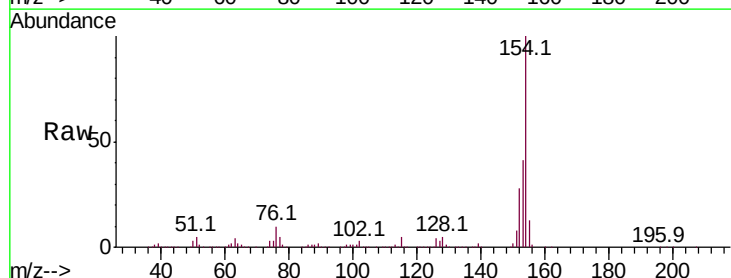
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

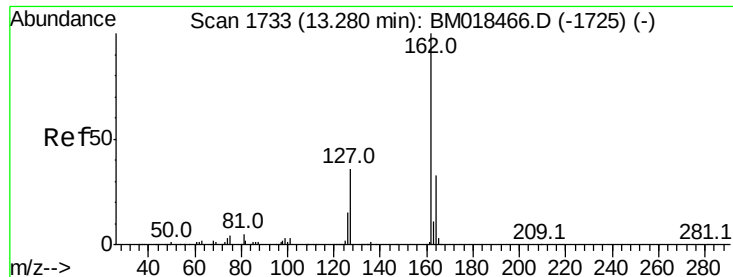
Tot Ion:172 Resp: 2509863
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.628 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 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

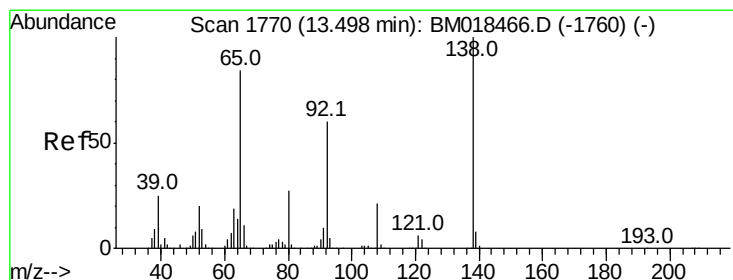
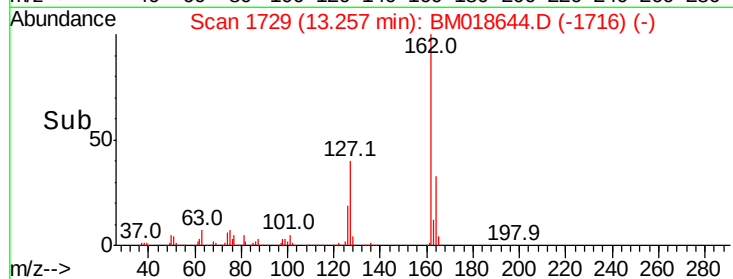
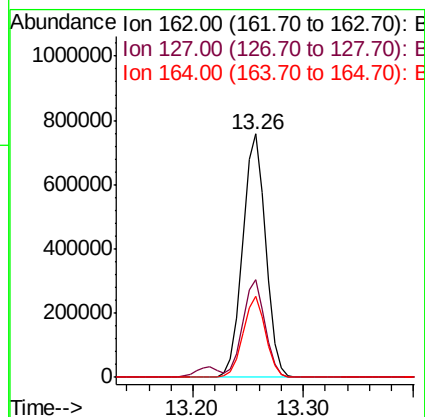
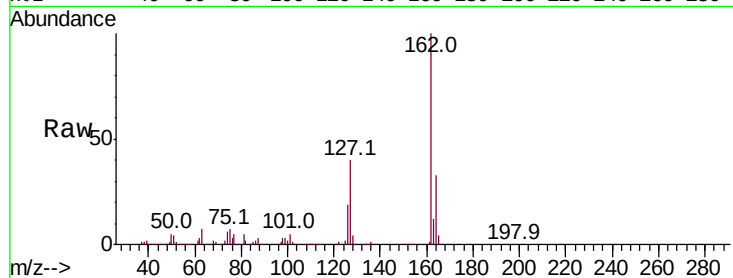




#47
2-Chloronaphthalene
Concen: 37.668 ng
RT: 13.26 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

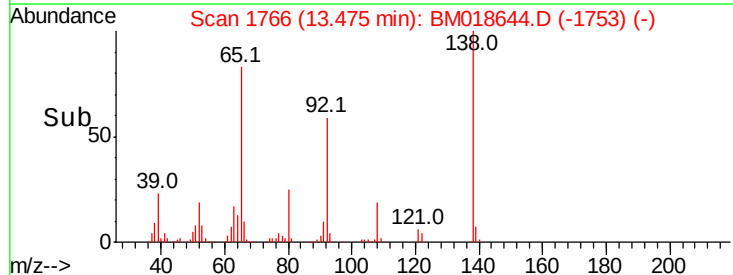
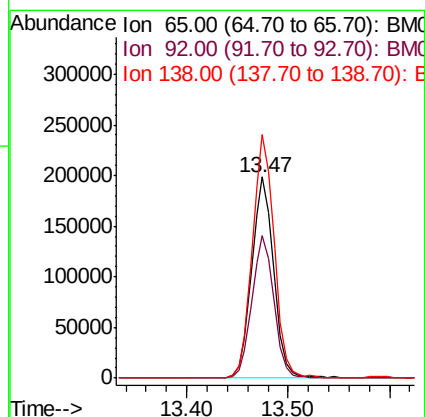
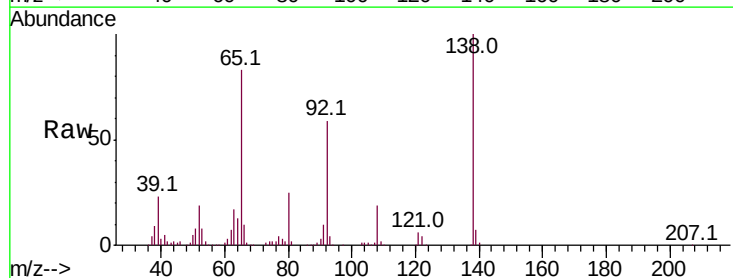
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

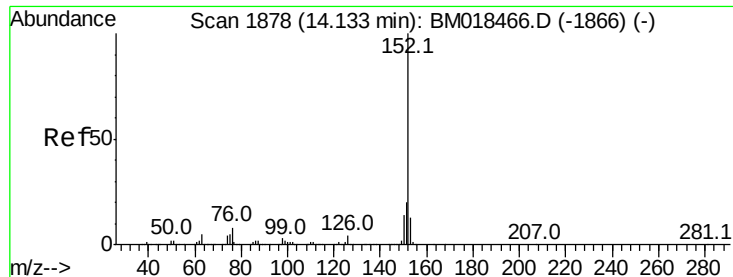
Tot Ion:162 Resp: 1109858
Ion Ratio Lower Upper
162 100
127 39.9 31.4 47.0
164 33.2 26.2 39.4



#48
2-Nitroaniline
Concen: 41.238 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion: 65 Resp: 298927
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. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

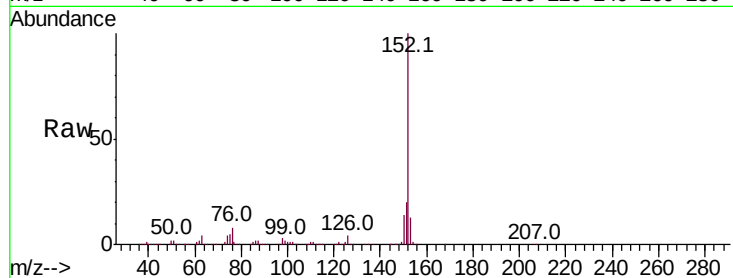
Tot Ion:152 Resp: 1793966

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

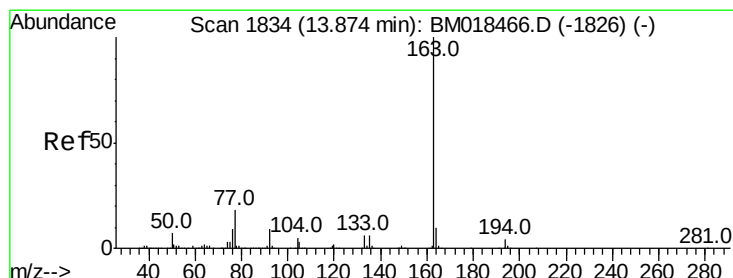
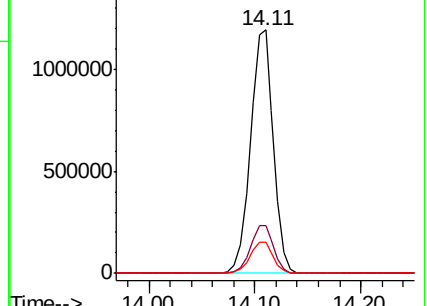
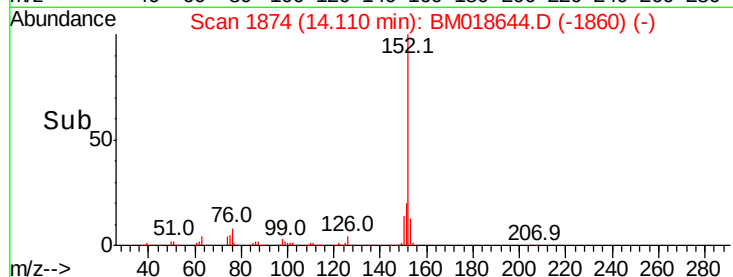
153 12.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.889 ng

RT: 13.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

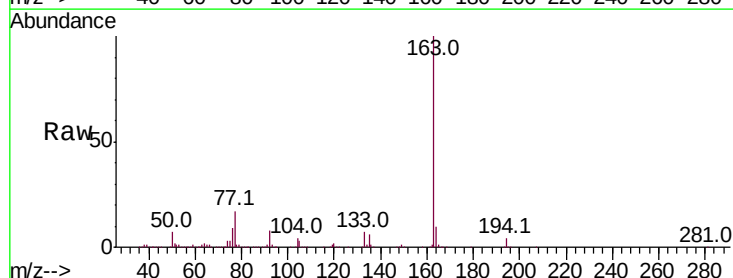
Tgt Ion:163 Resp: 1639964

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

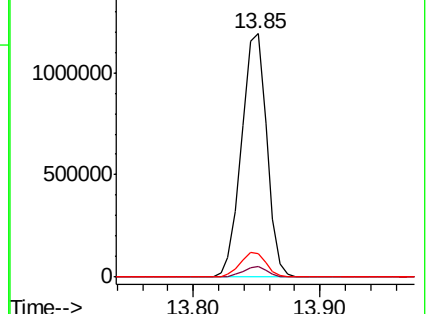
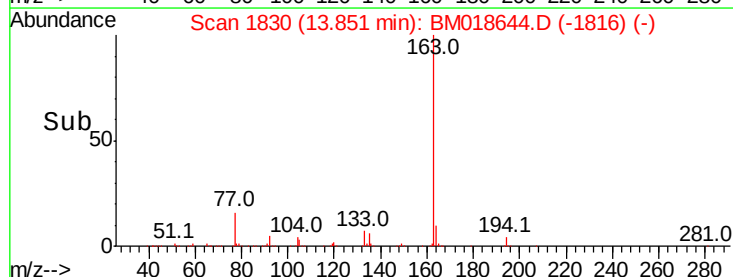
164 9.6 7.8 11.8

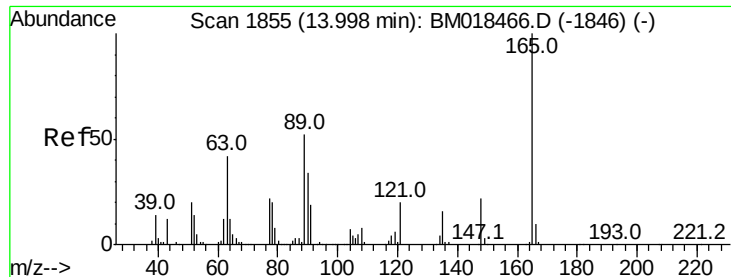


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

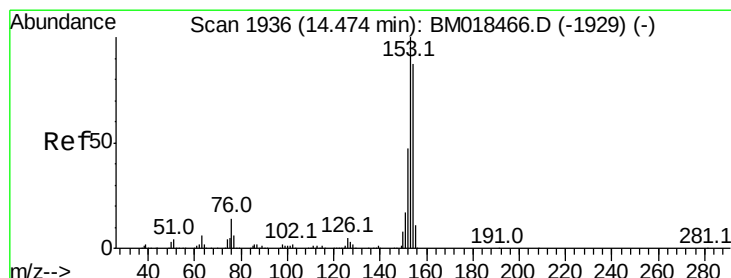
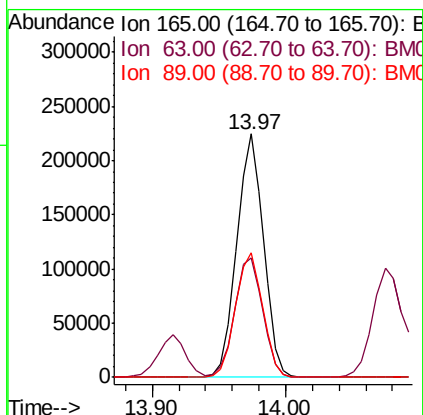
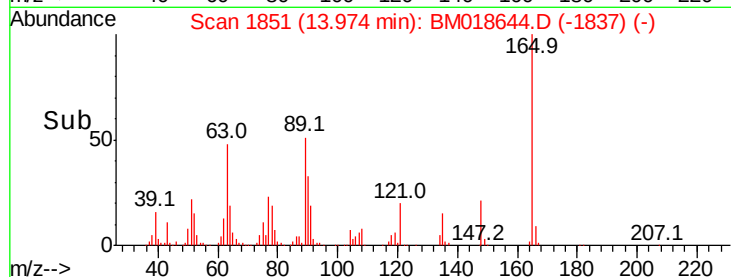
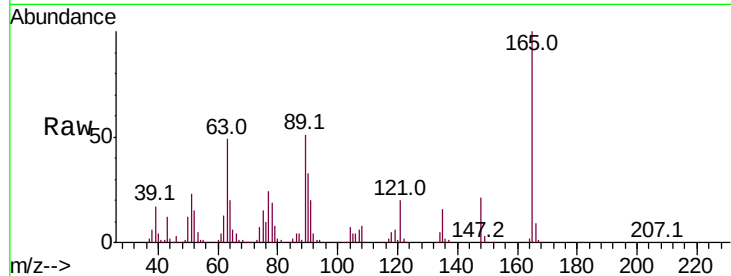




#51
2,6-Dinitrotoluene
Concen: 41.242 ng
RT: 13.97 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

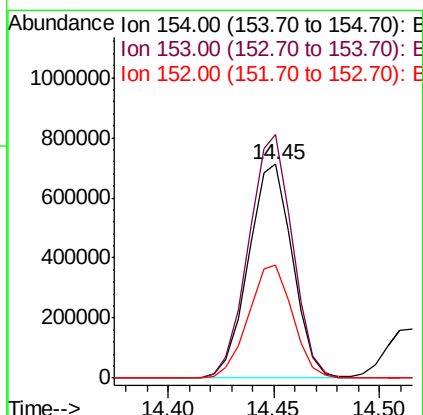
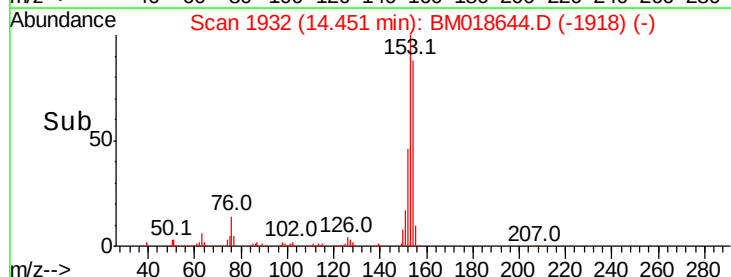
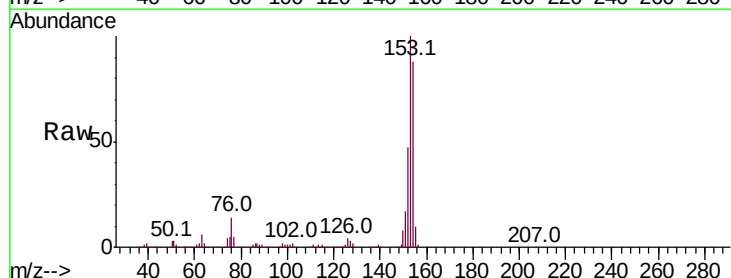
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

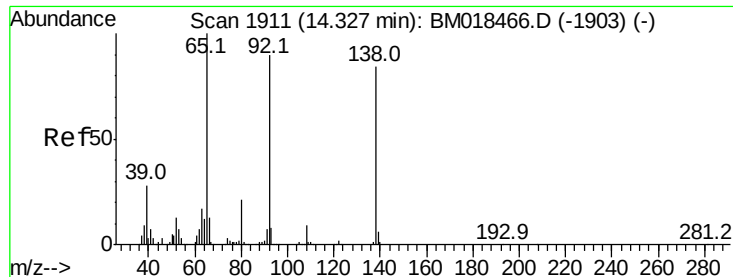
Tot Ion:165 Resp: 312211
Ion Ratio Lower Upper
165 100
63 49.2 45.6 68.4
89 51.4 44.6 66.8



#52
Acenaphthene
Concen: 39.278 ng
RT: 14.45 min Scan# 1932
Delta R.T. -0.02 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: 30.152 ng

RT: 14.31 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

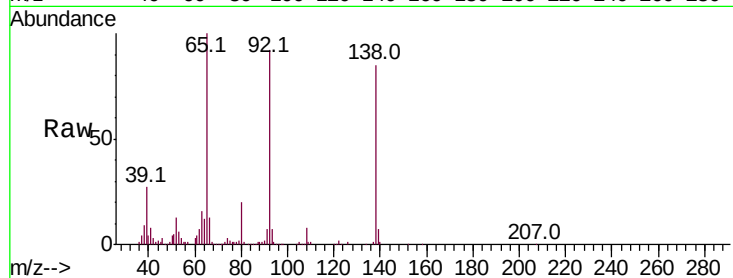
Tot Ion:138 Resp: 230114

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

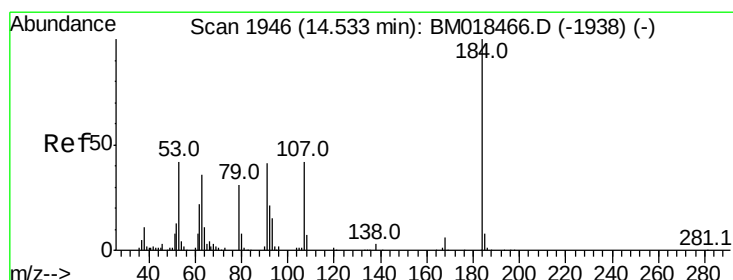
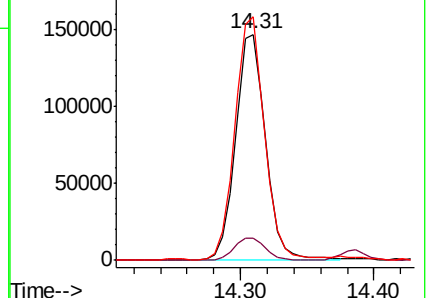
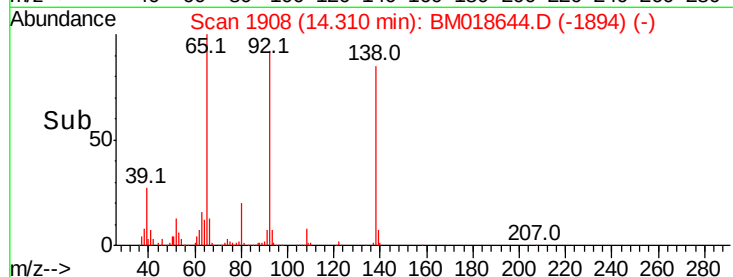
92 107.6 88.2 132.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 87.476 ng

RT: 14.51 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

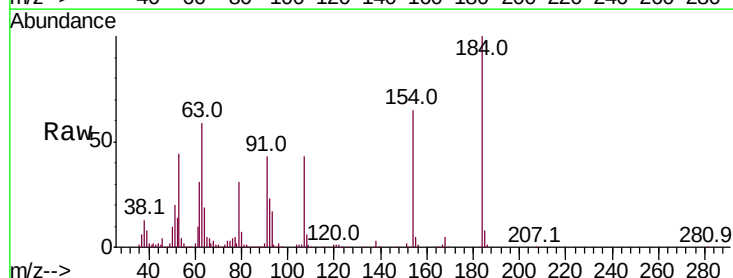
Tgt Ion:184 Resp: 361515

Ion Ratio Lower Upper

184 100

63 58.9 55.9 83.9

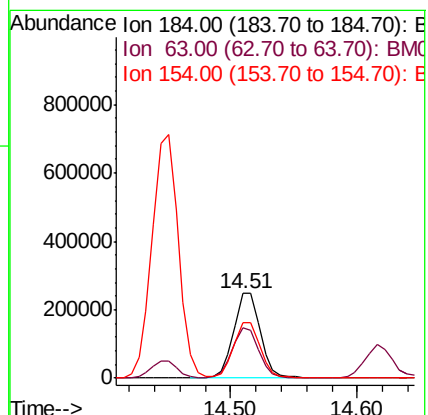
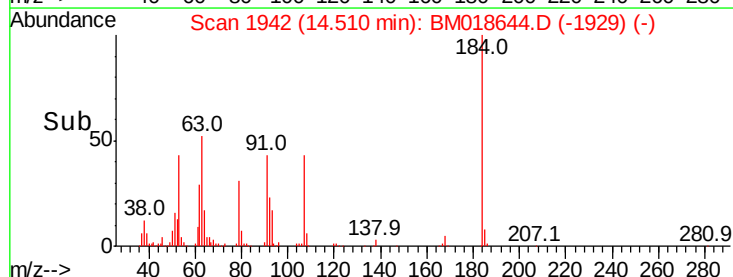
154 64.9 54.2 81.4

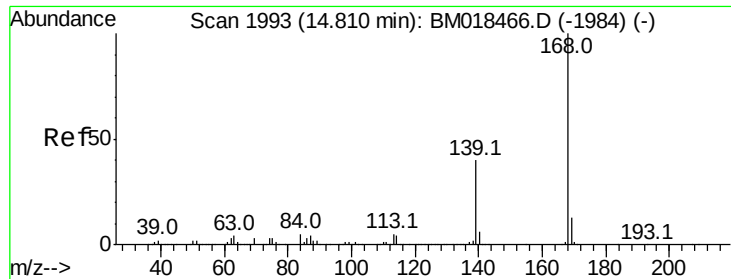


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.016 ng

RT: 14.79 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

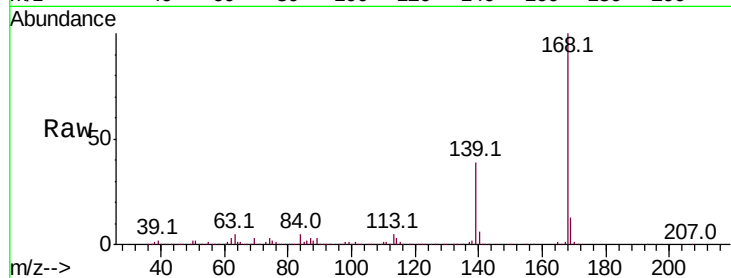
Tot Ion:168 Resp: 1650225

Ion Ratio Lower Upper

168 100

139 39.0 30.3 45.5

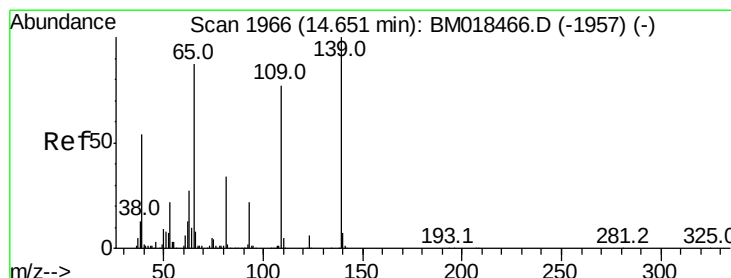
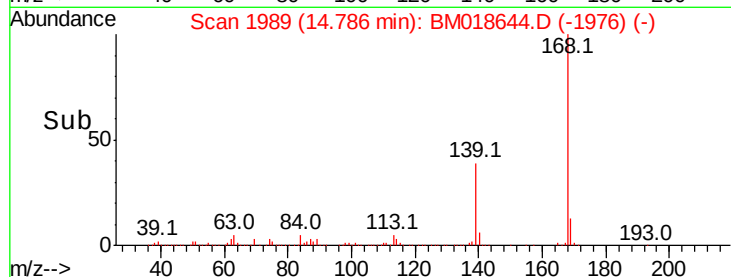
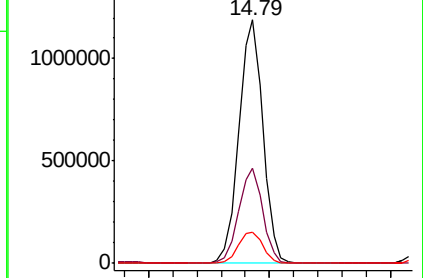
169 13.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.820 ng

RT: 14.62 min Scan# 1960

Delta R.T. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

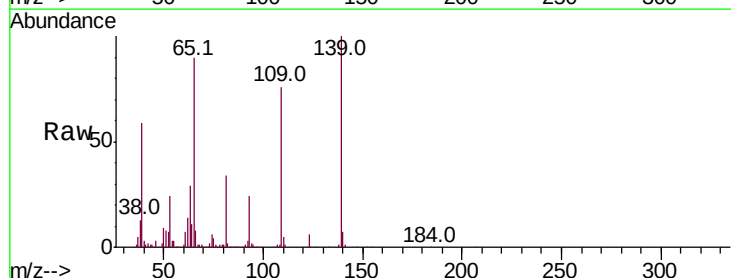
Tgt Ion:139 Resp: 552642

Ion Ratio Lower Upper

139 100

109 76.2 51.7 91.7

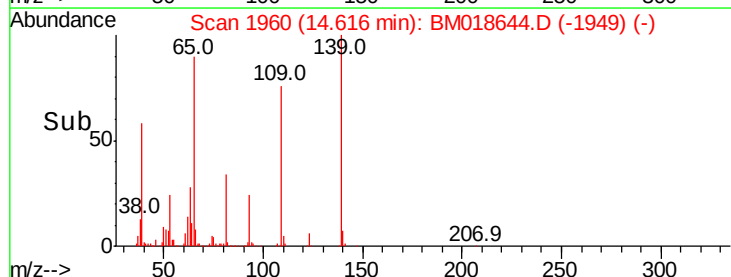
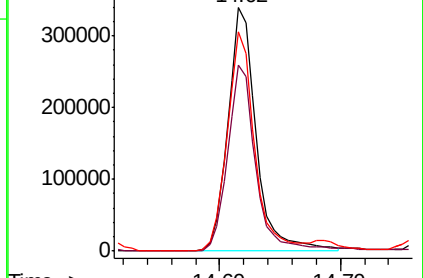
65 90.0 71.4 111.4

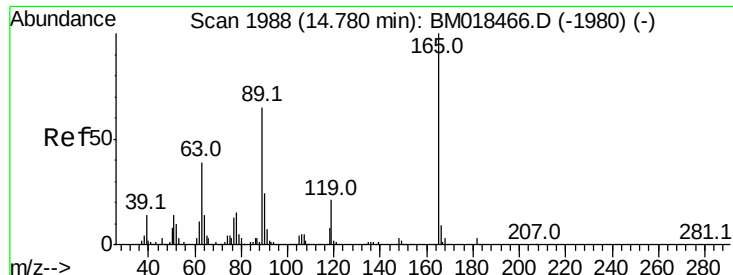


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

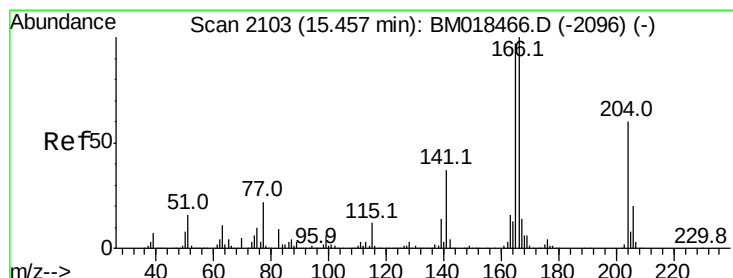
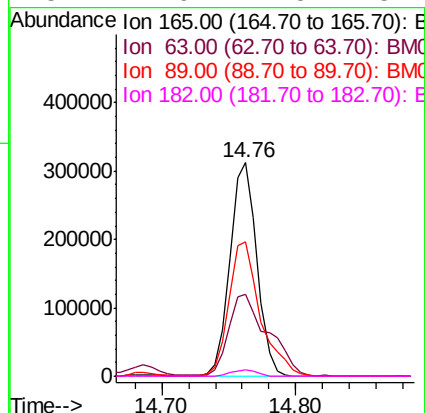
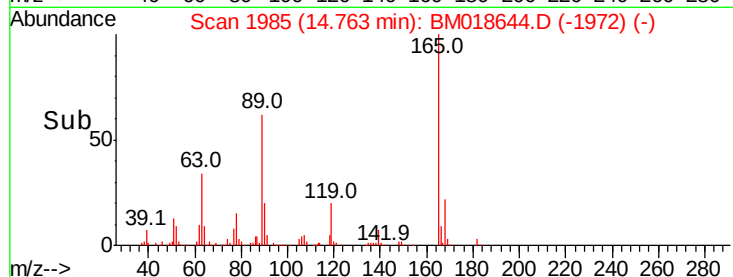
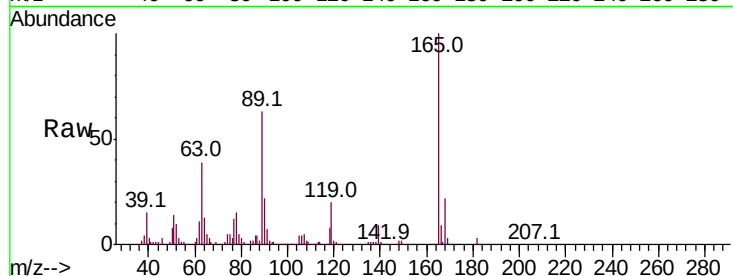




#57
2,4-Dinitrotoluene
Concen: 41.136 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

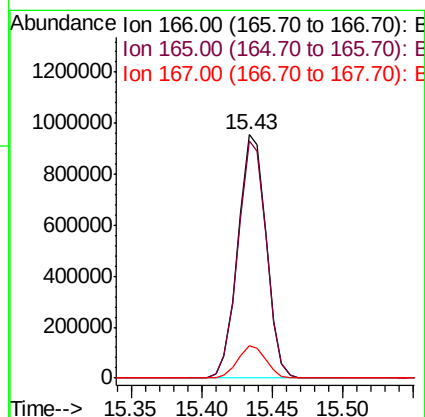
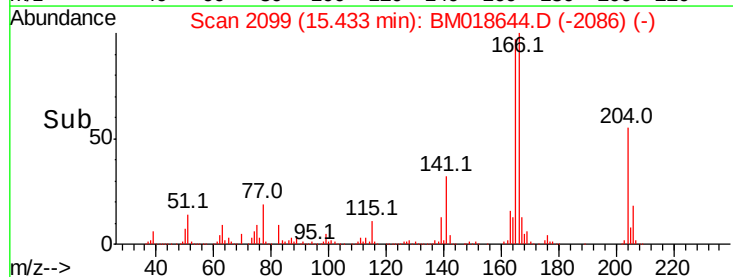
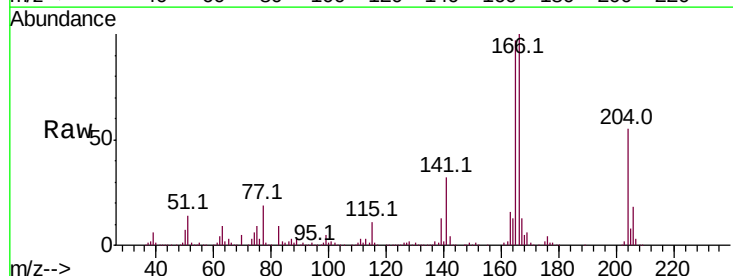
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

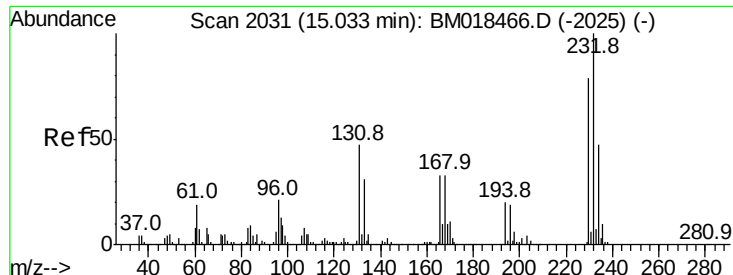
Tot Ion:165	Resp:	440601
Ion	Ratio	Lower Upper
165	100	
63	38.7	32.2 48.2
89	63.1	52.1 78.1
182	2.9	2.5 3.7



#58
Fluorene
Concen: 41.262 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.02 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

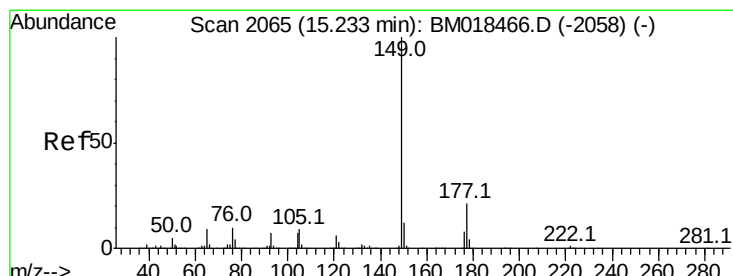
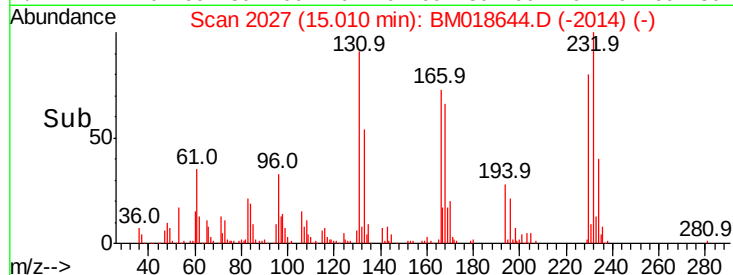
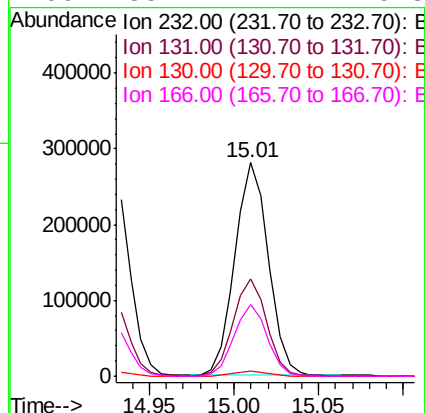
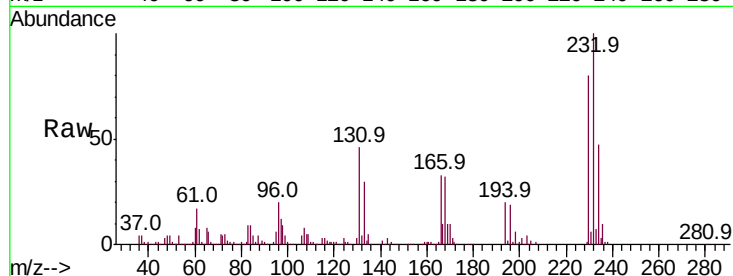




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.072 ng
 RT: 15.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

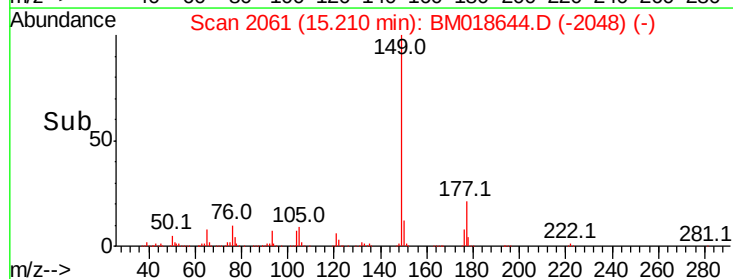
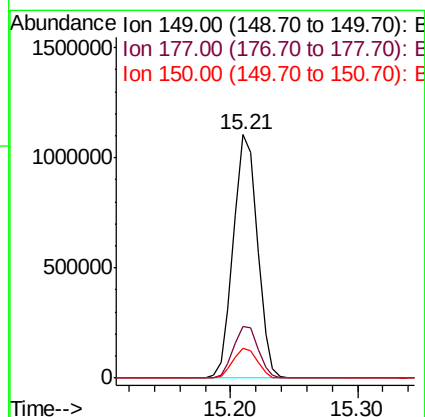
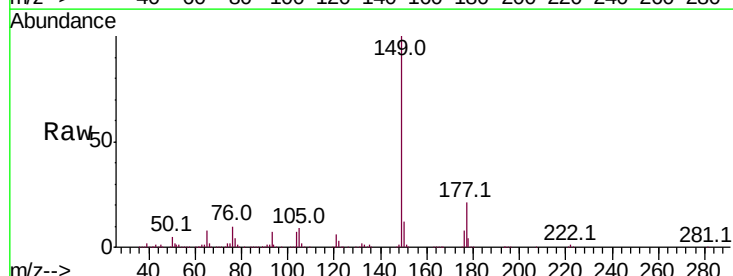
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MS

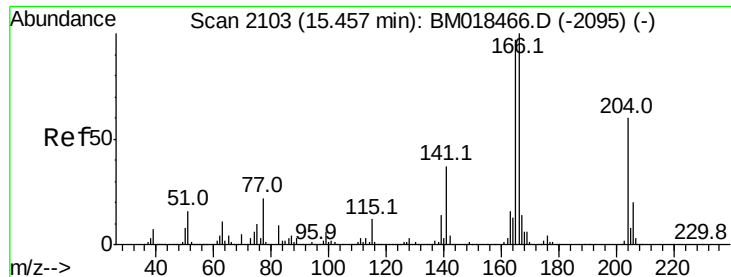
Tot Ion:	232	Resp:	388263
Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.6	57.8
130	2.5	2.2	3.4
166	33.7	27.2	40.8



#60
 Diethylphthalate
 Concen: 39.985 ng
 RT: 15.21 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

Tgt Ion:	149	Resp:	1442577
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.3	9.8	14.6

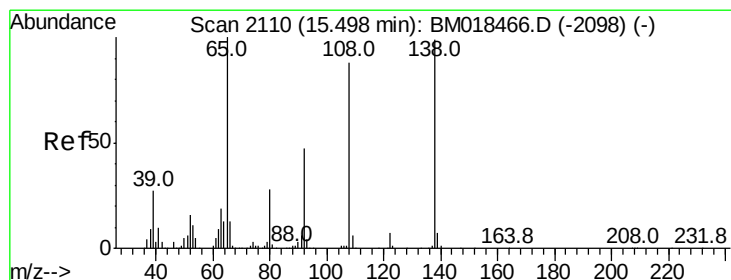
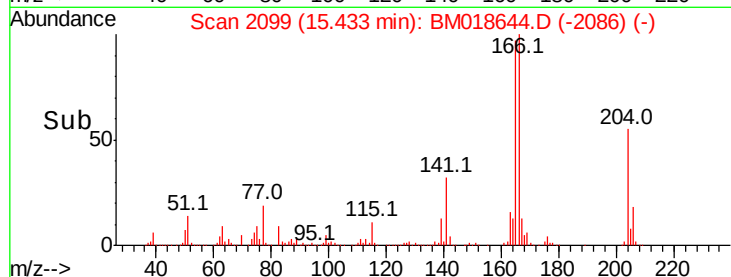
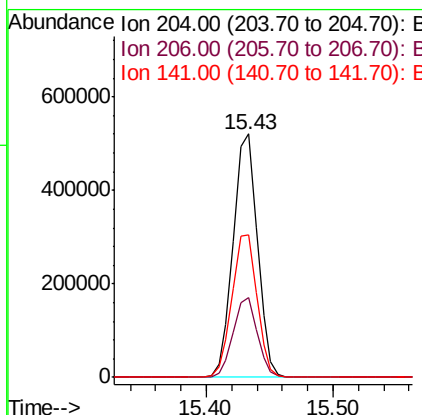
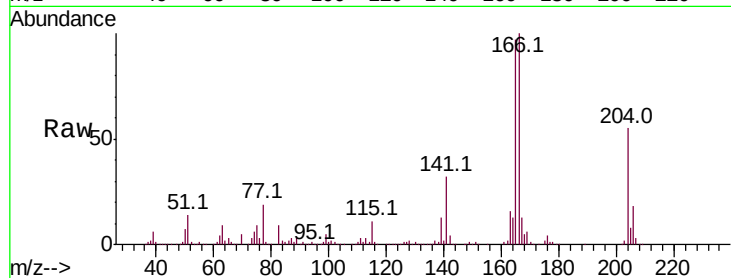




#61
4-Chlorophenyl-phenylether
Concen: 37.005 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

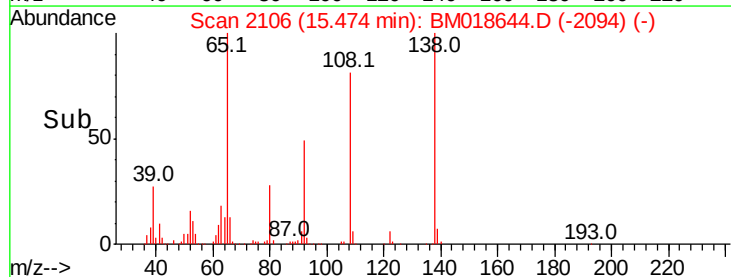
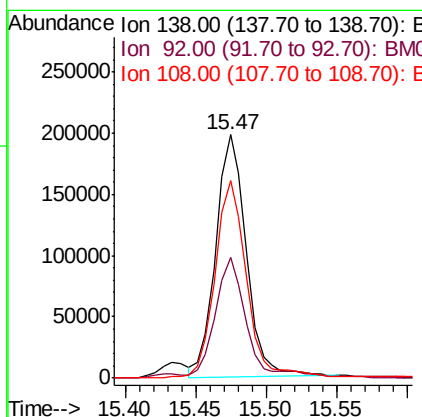
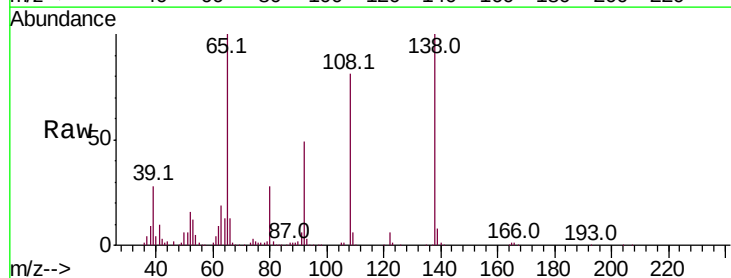
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

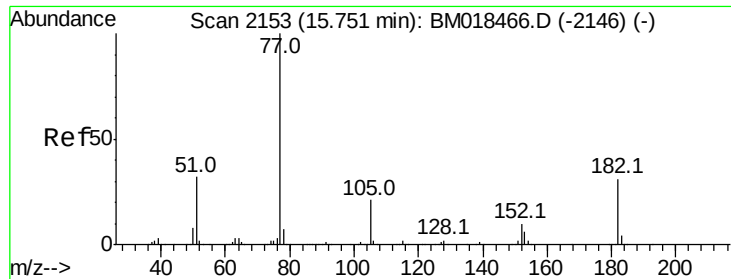
Tot Ion:204 Resp: 689682
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 58.5 49.5 74.3



#62
4-Nitroaniline
Concen: 35.688 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.03 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: 38.430 ng

RT: 15.72 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion: 77 Resp: 1130403

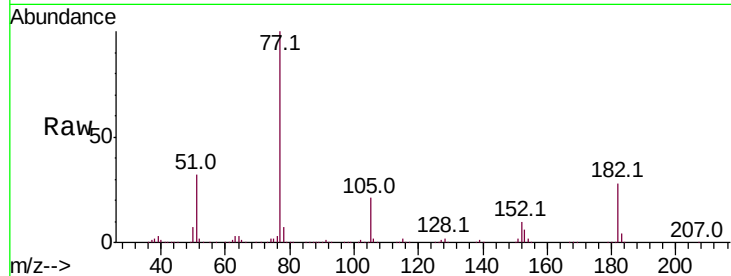
Ion Ratio Lower Upper

77 100

182 28.5 7.4 47.4

105 20.9 0.0 39.6

51 31.7 12.0 52.0

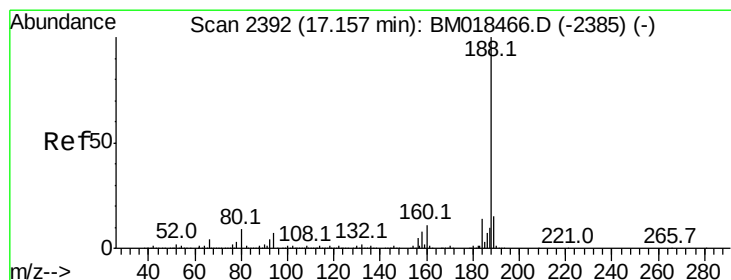
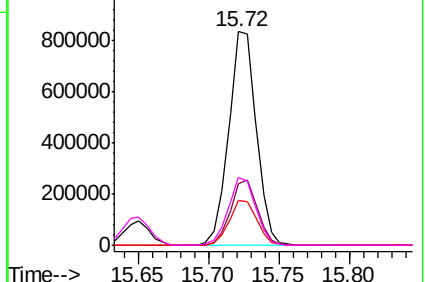
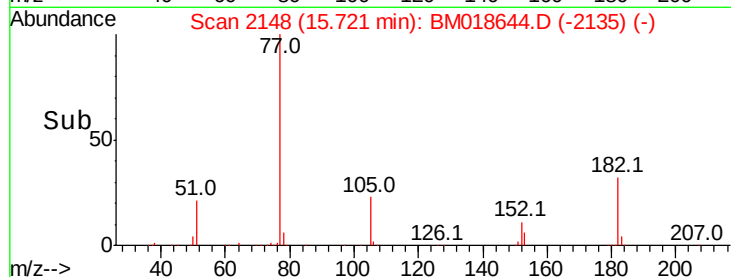


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

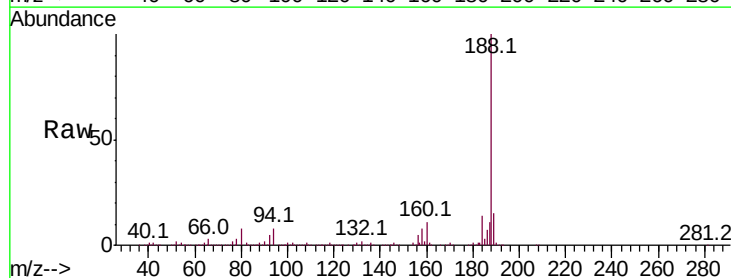
Tgt Ion: 188 Resp: 974683

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

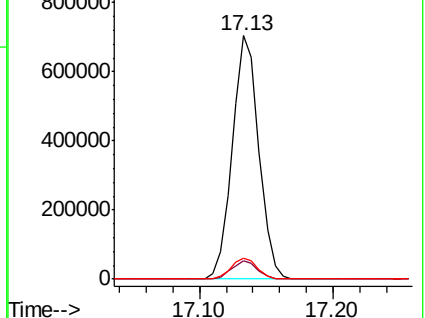
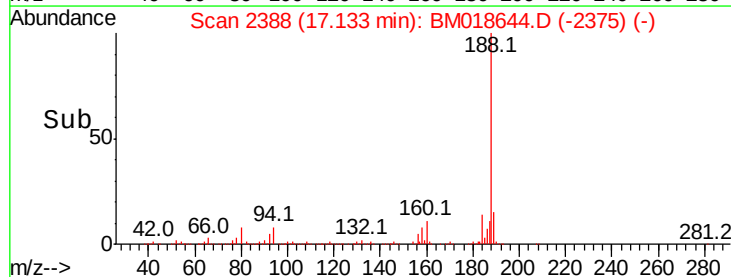
80 8.5 7.6 11.4

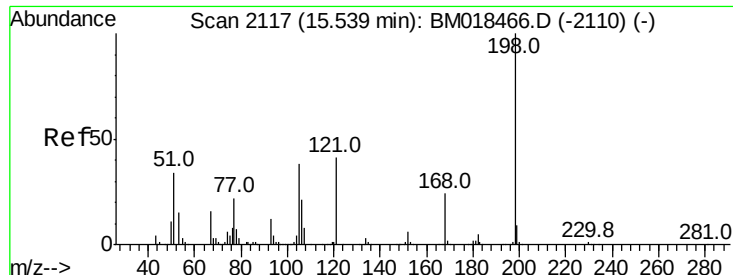


Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

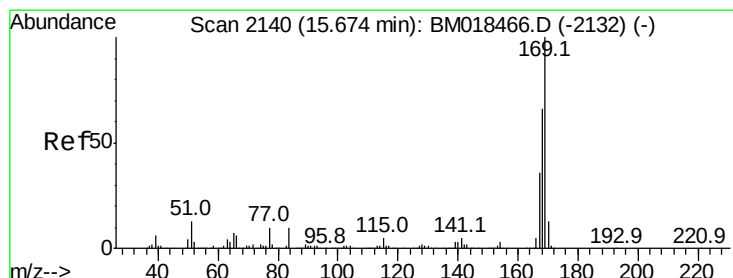
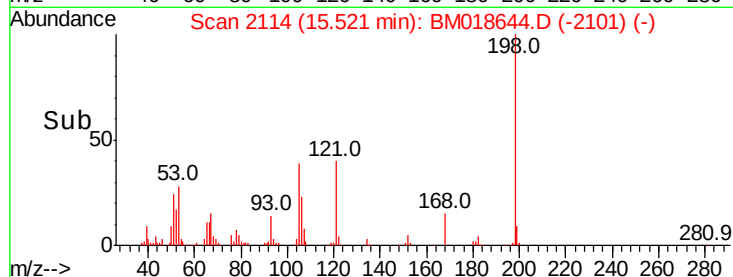
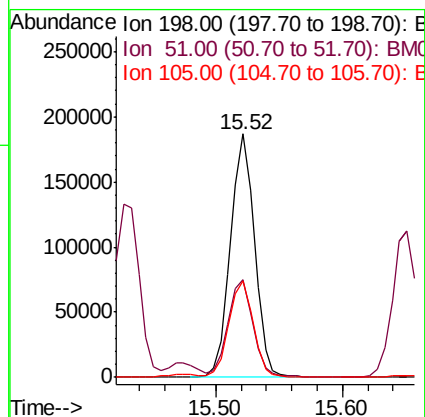
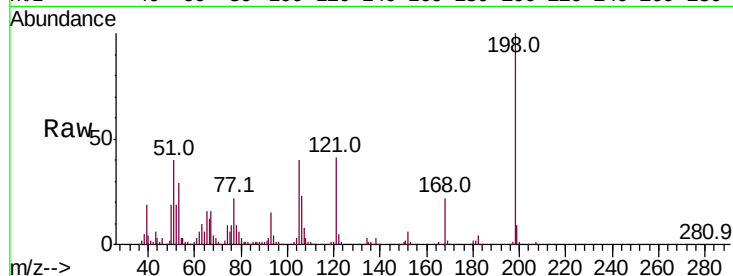




#65
4,6-Dinitro-2-methylphenol
Concen: 40.565 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

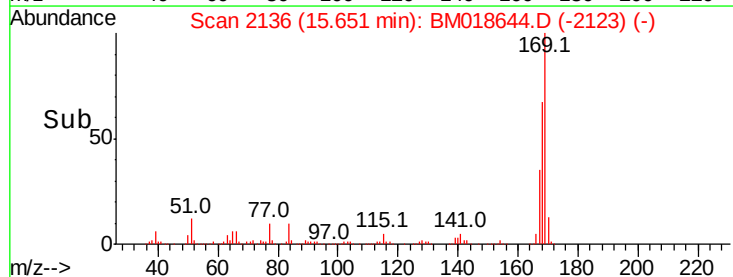
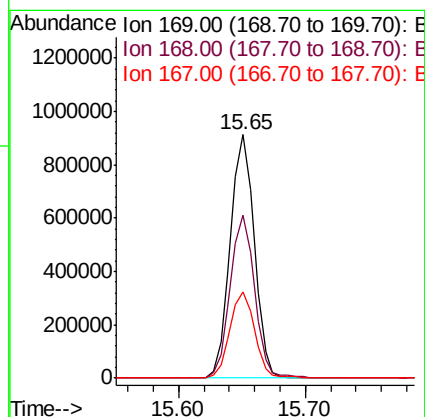
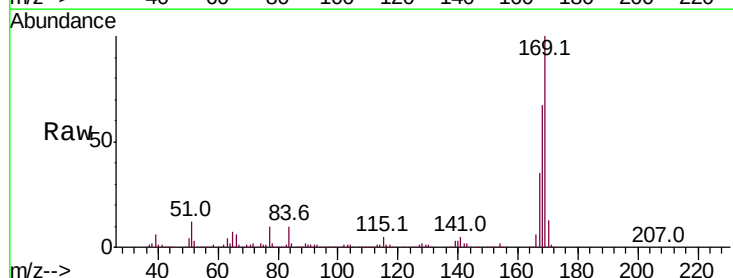
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

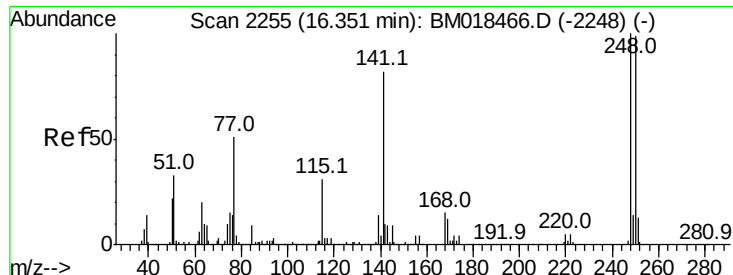
Tot Ion:198 Resp: 246169
Ion Ratio Lower Upper
198 100
51 40.4 29.6 69.6
105 39.6 25.5 65.5



#66
n-Nitrosodiphenylamine
Concen: 39.500 ng
RT: 15.65 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

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

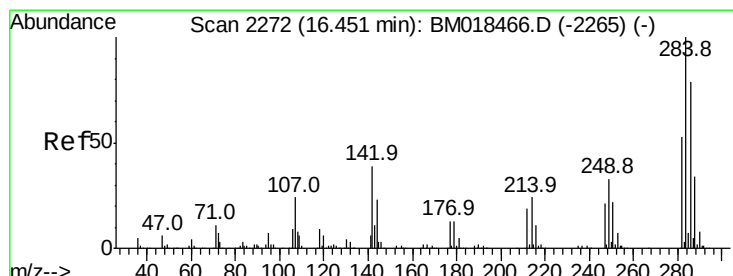
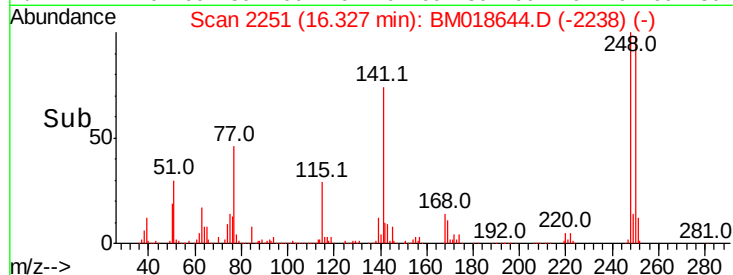
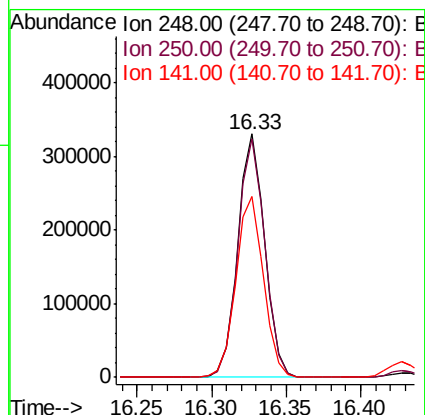
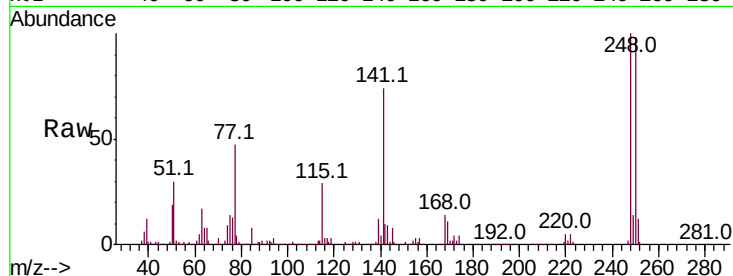




#67
4-Bromophenyl-phenylether
Concen: 38.098 ng
RT: 16.33 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

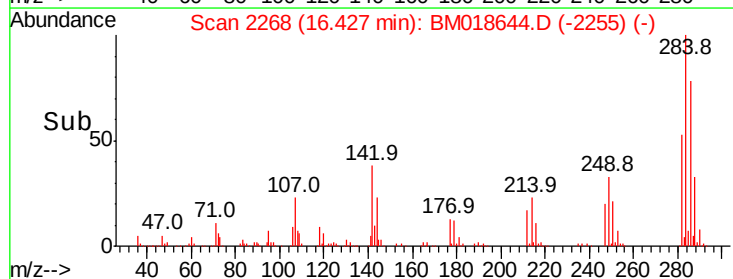
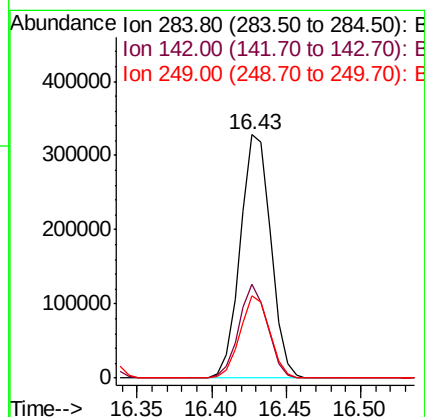
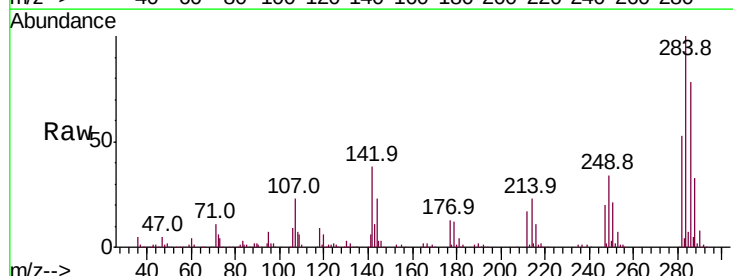
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

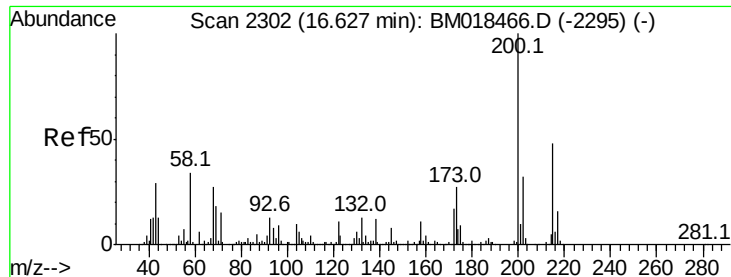
Tot Ion:248 Resp: 415540
Ion Ratio Lower Upper
248 100
250 97.9 76.0 114.0
141 74.1 61.5 92.3



#68
Hexachlorobenzene
Concen: 38.061 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:284 Resp: 464741
Ion Ratio Lower Upper
284 100
142 38.4 29.2 43.8
249 33.6 26.1 39.1

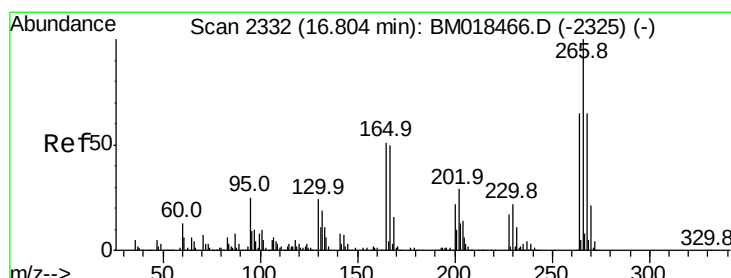
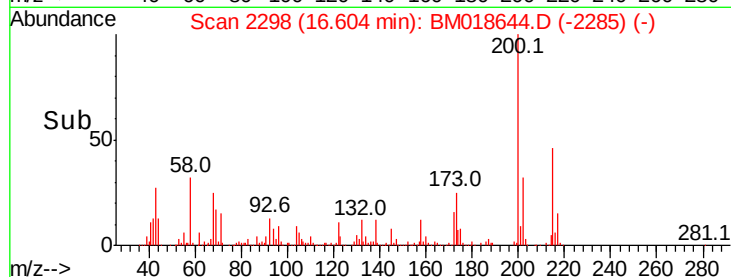
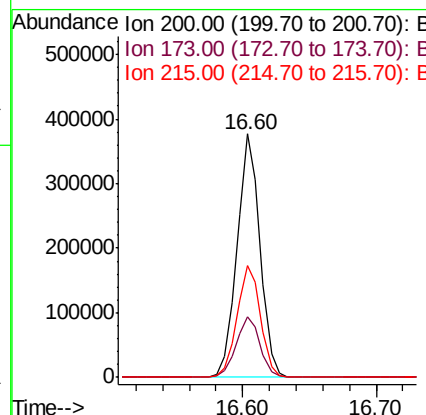
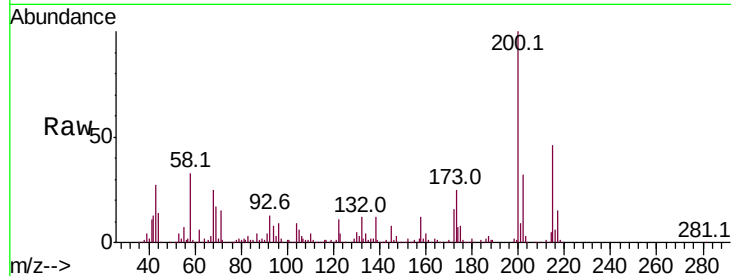




#69
Atrazine
Concen: 41.372 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

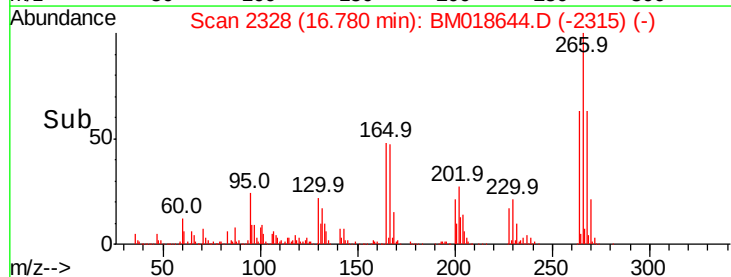
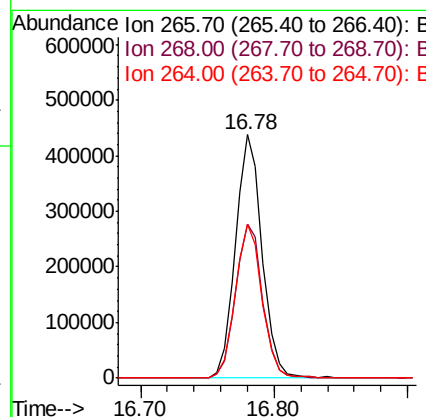
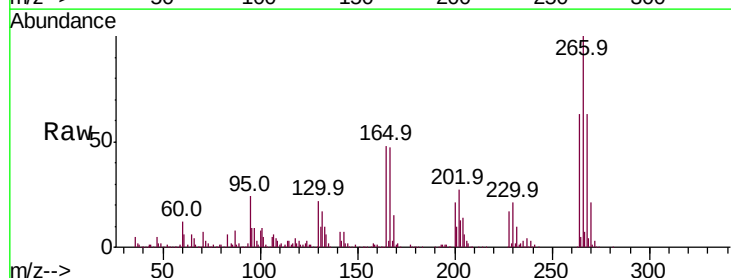
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

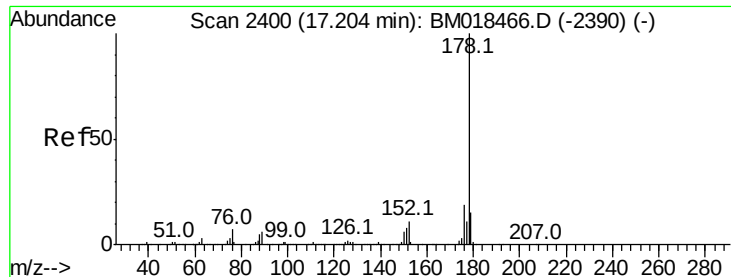
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	7.2	47.2
215	45.8	28.3	68.3



#70
Pentachlorophenol
Concen: 76.279 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.02 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. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

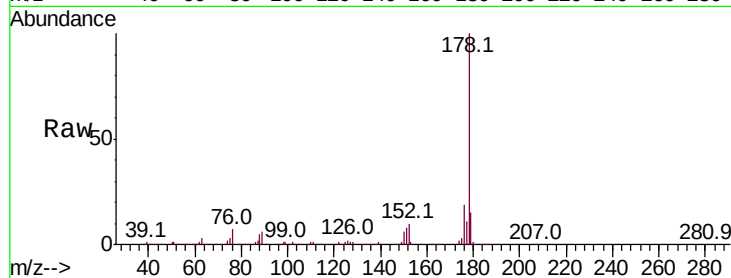
Tot Ion:178 Resp: 2113389

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

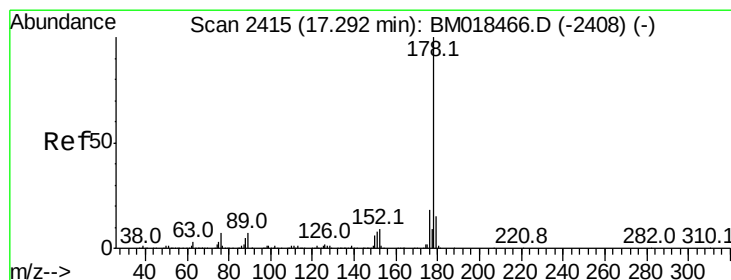
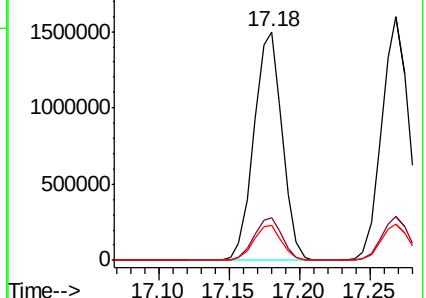
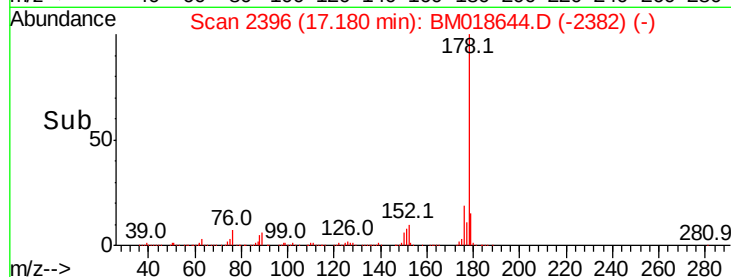
179 15.3 12.2 18.4



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: 43.049 ng

RT: 17.27 min Scan# 2411

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

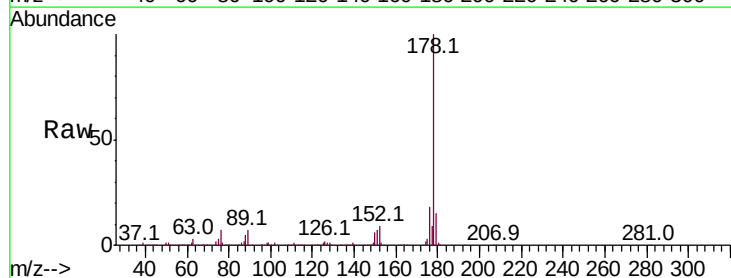
Tgt Ion:178 Resp: 2146139

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

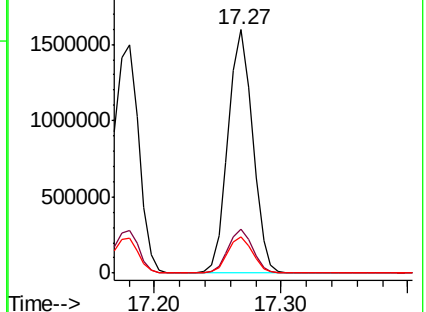
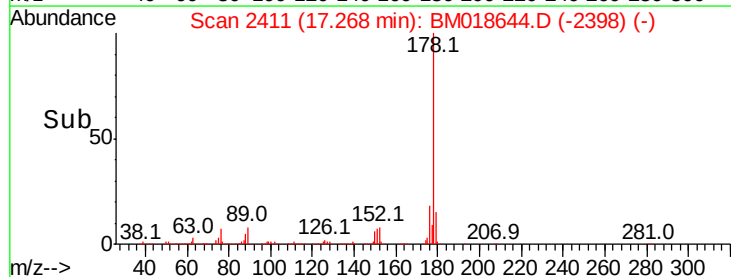
179 15.1 12.2 18.4

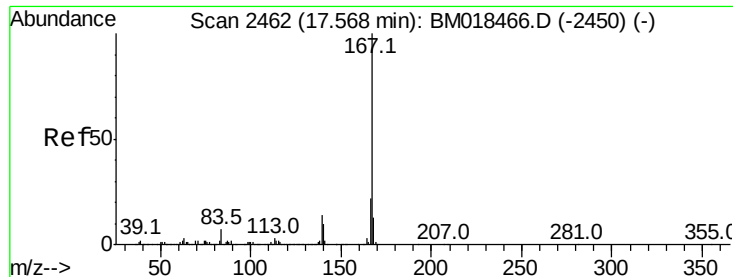


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



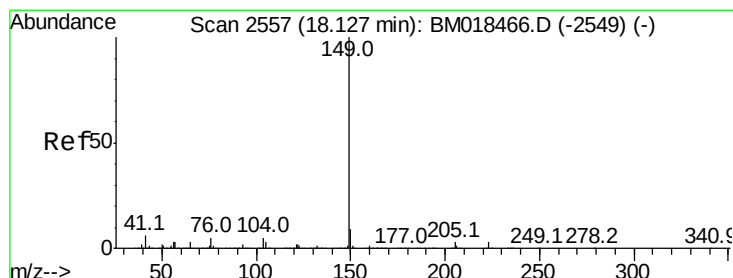
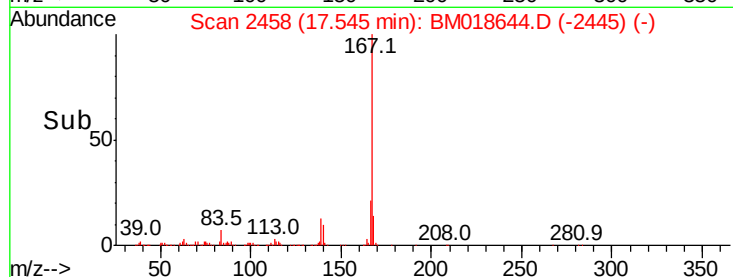
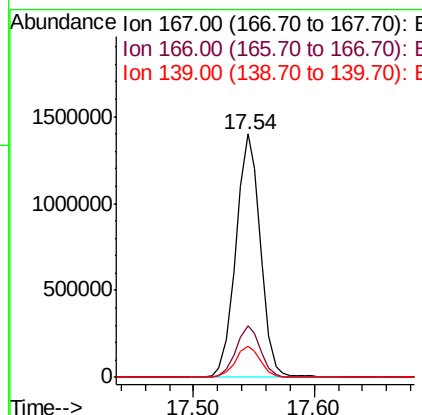
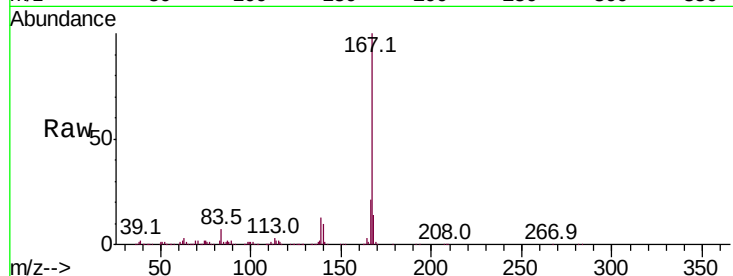


#73
 Carbazole
 Concen: 38.695 ng
 RT: 17.54 min Scan# 2458
 Delta R.T. -0.02 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

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

Tot Ion:167 Resp: 1981881

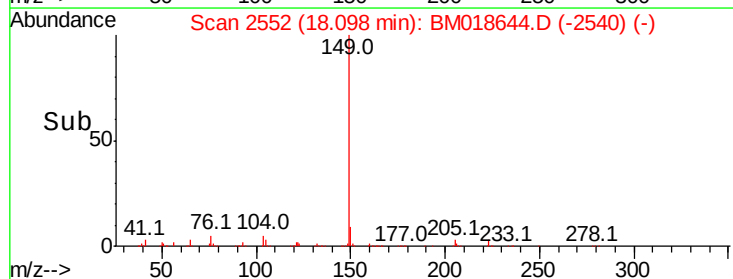
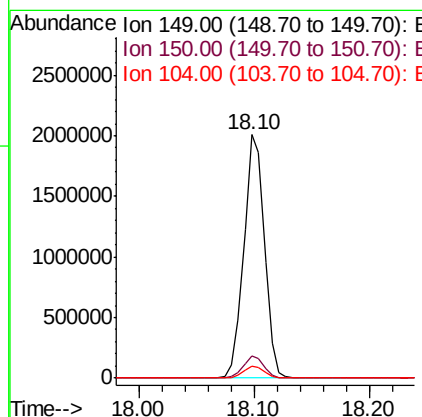
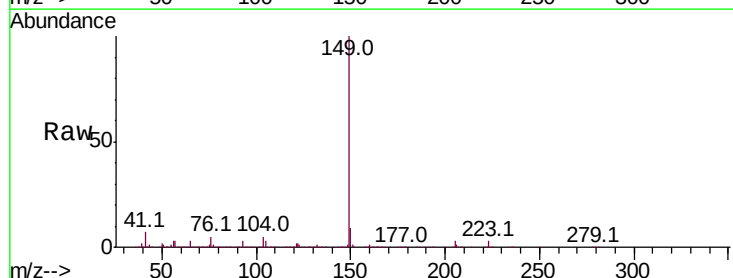
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	12.9	10.6	16.0

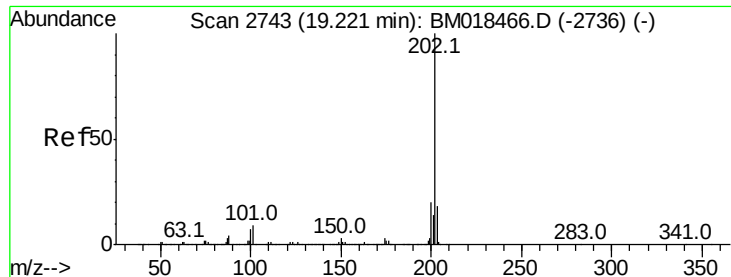


#74
 Di-n-butylphthalate
 Concen: 44.099 ng
 RT: 18.10 min Scan# 2552
 Delta R.T. -0.03 min
 Lab File: BM018644.D
 Acq: 18 Jan 2019 19:25

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





#75

Fluoranthene

Concen: 42.001 ng

RT: 19.20 min Scan# 2739

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

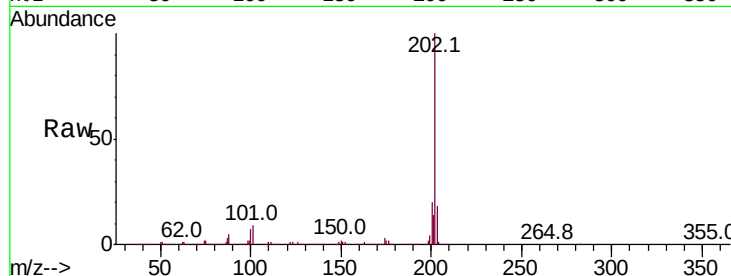
Tot Ion:202 Resp: 2510466

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.9

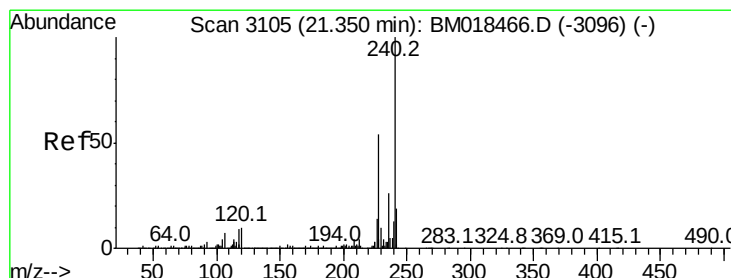
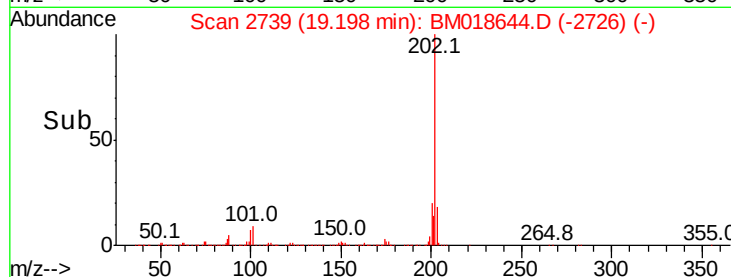
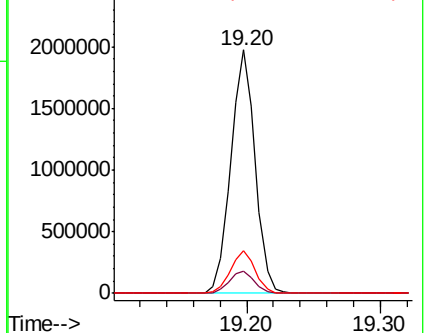
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

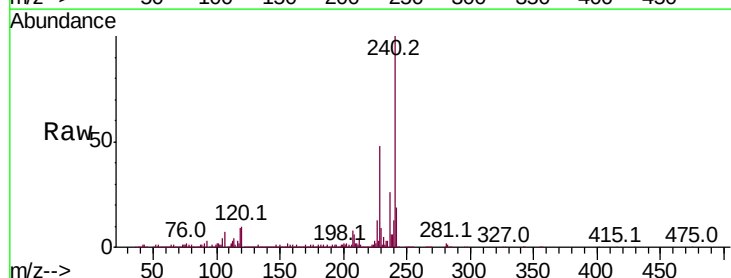
Tgt Ion:240 Resp: 1060006

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

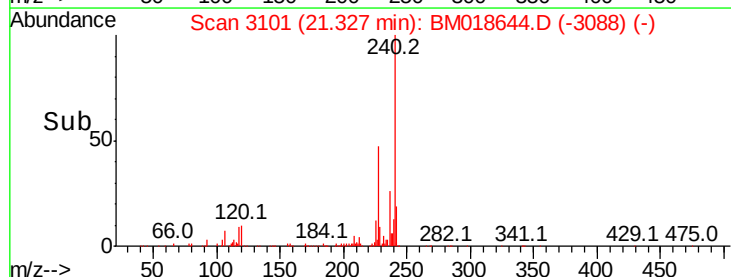
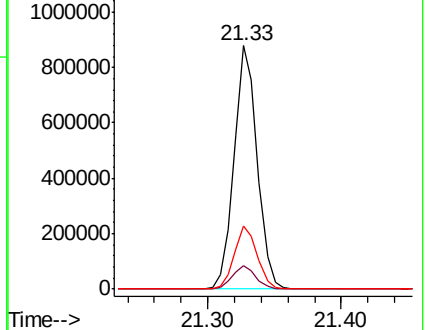
236 25.8 20.7 31.1

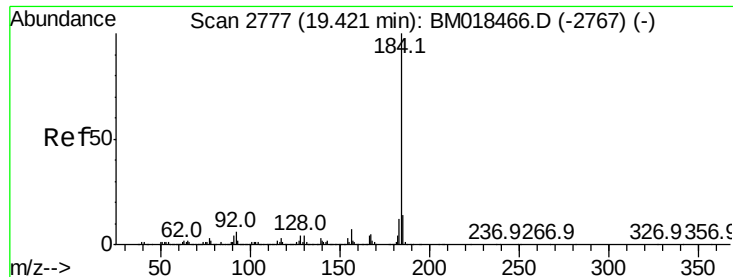


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.877 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

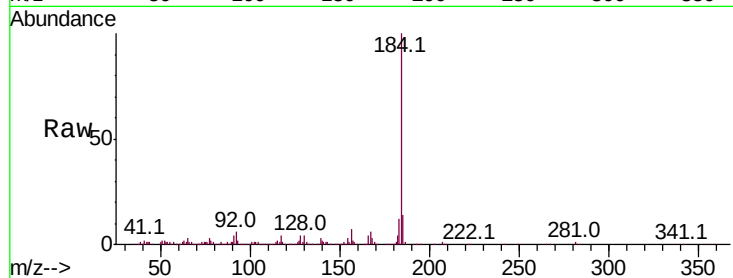
Tot Ion:184 Resp: 860503

Ion Ratio Lower Upper

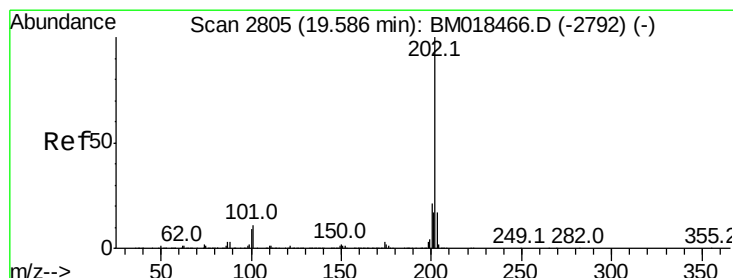
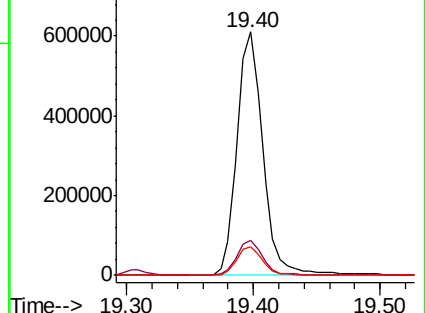
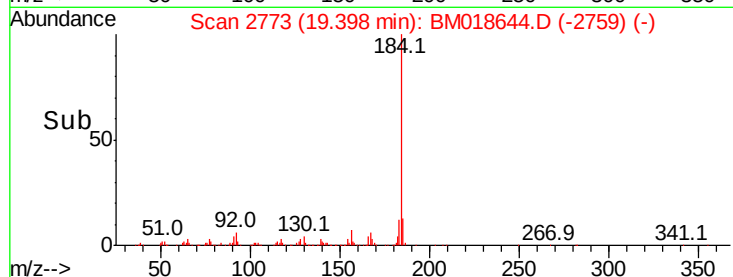
184 100

185 14.5 11.4 17.0

183 11.8 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.594 ng

RT: 19.56 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

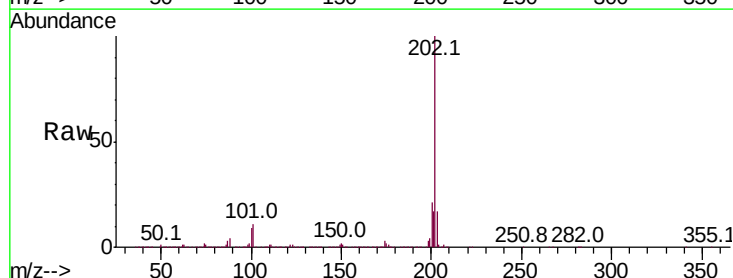
Tgt Ion:202 Resp: 2550621

Ion Ratio Lower Upper

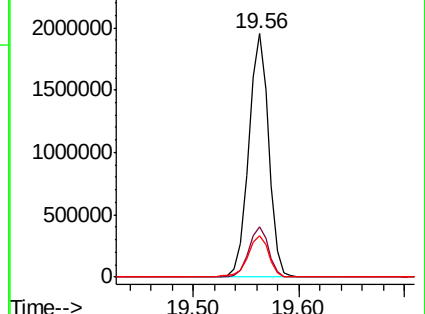
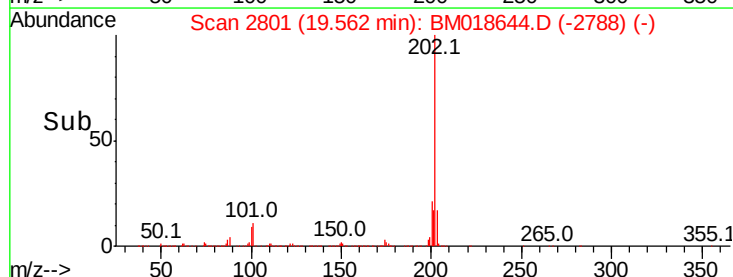
202 100

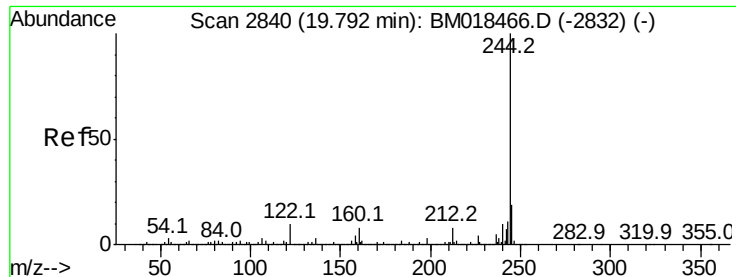
200 20.8 16.6 24.8

203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.058 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

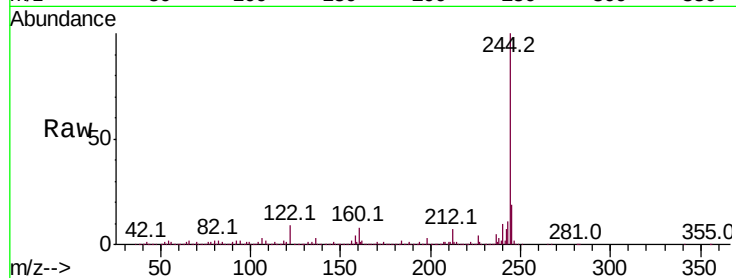
BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:244 Resp: 3673632

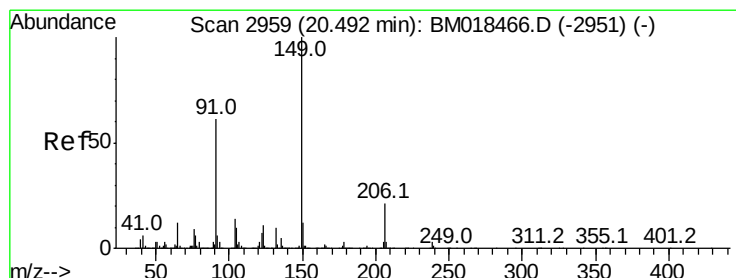
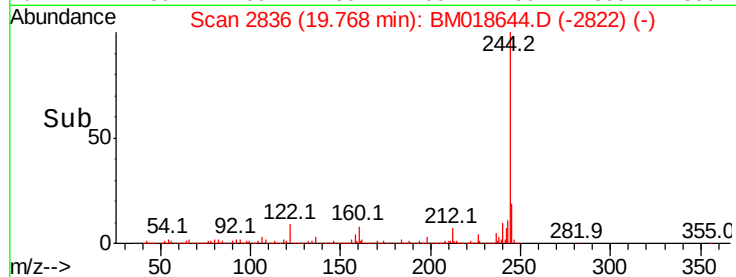
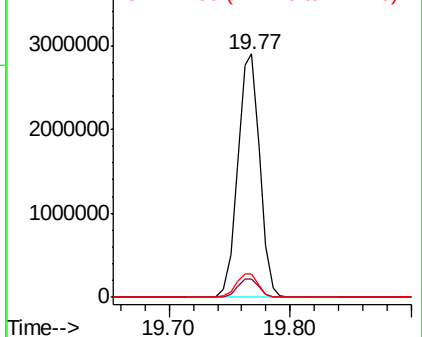
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.4	9.0	13.4



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: 43.322 ng

RT: 20.46 min Scan# 2954

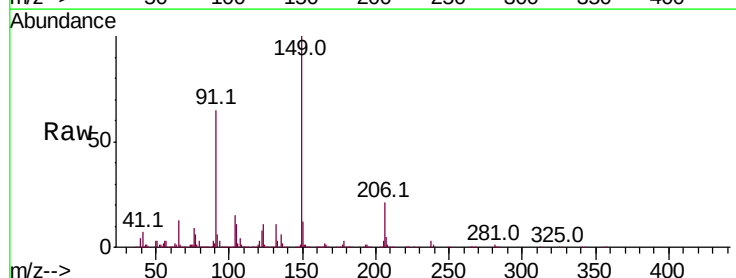
Delta R.T. -0.03 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:149 Resp: 1161504

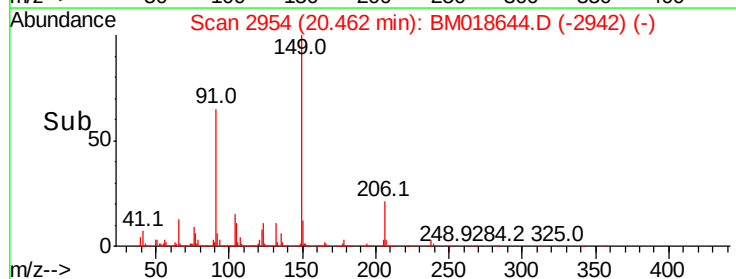
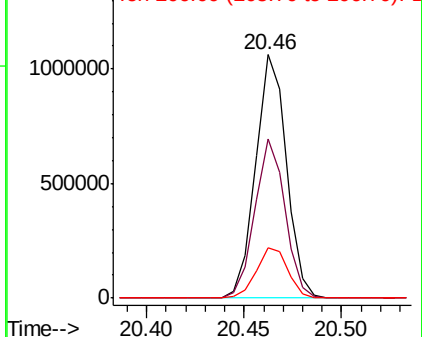
Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.1	79.7
206	20.5	16.2	24.4

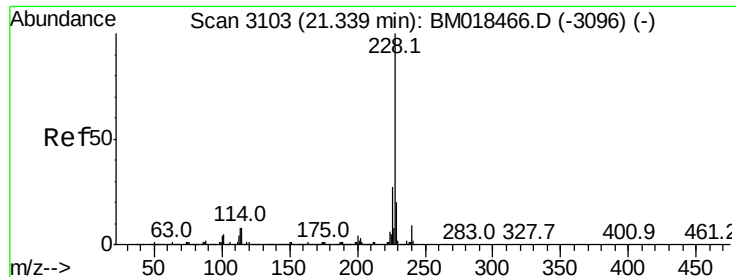


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.858 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

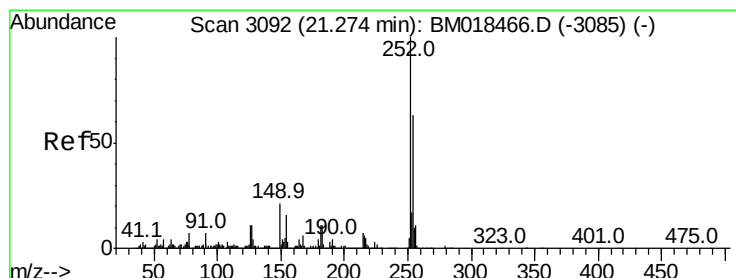
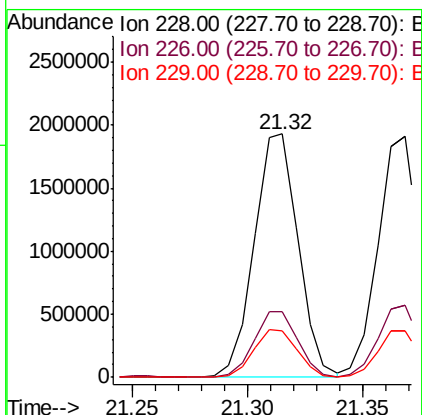
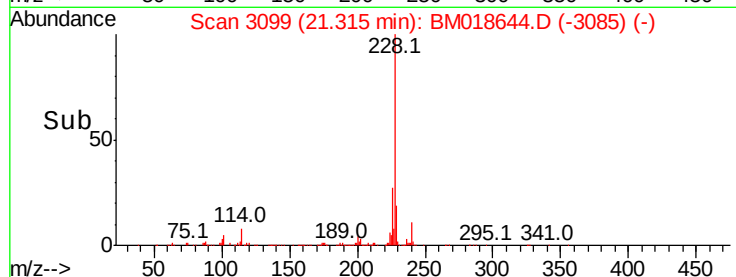
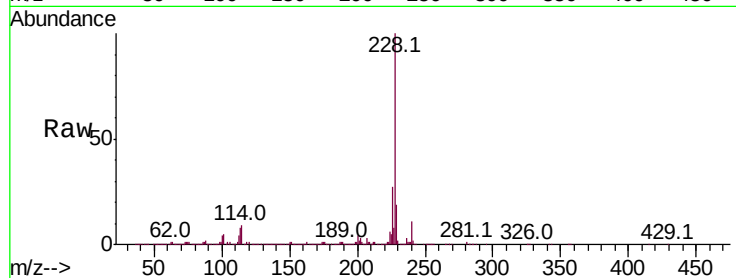
Tot Ion:228 Resp: 2551445

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 19.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 32.561 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

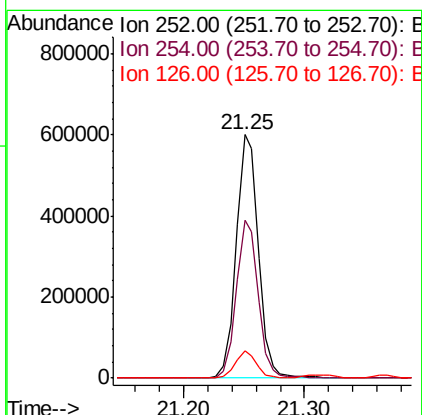
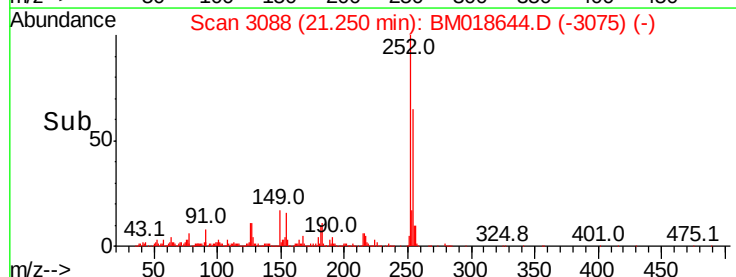
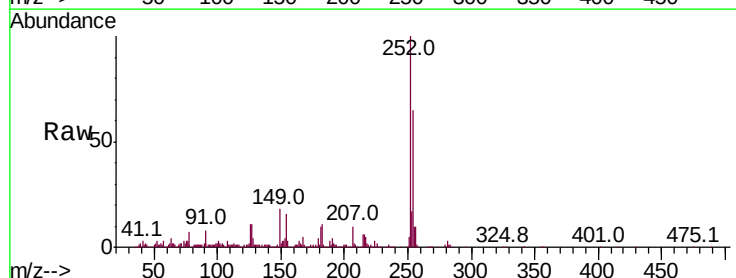
Tgt Ion:252 Resp: 768894

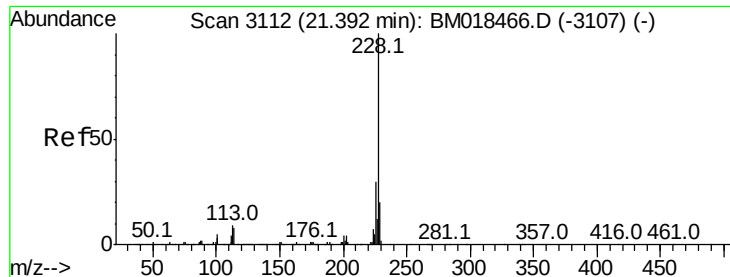
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 11.1 8.7 13.1





#83

Chrysene

Concen: 39.955 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

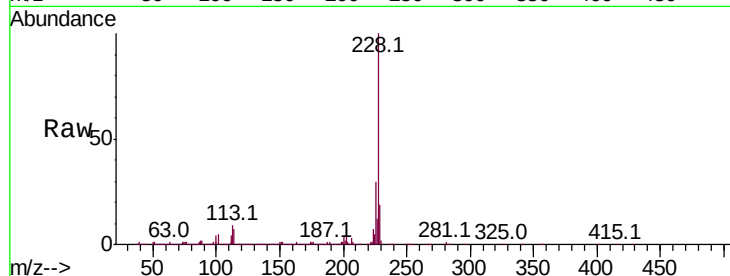
Tot Ion:228 Resp: 2409382

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

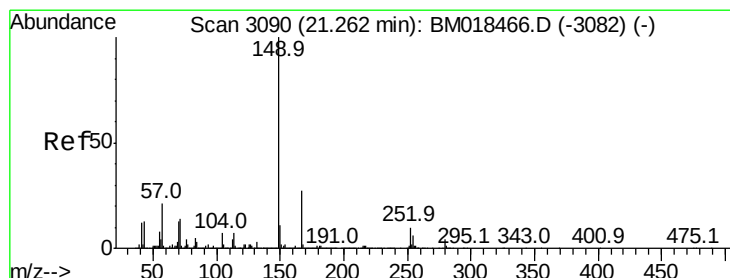
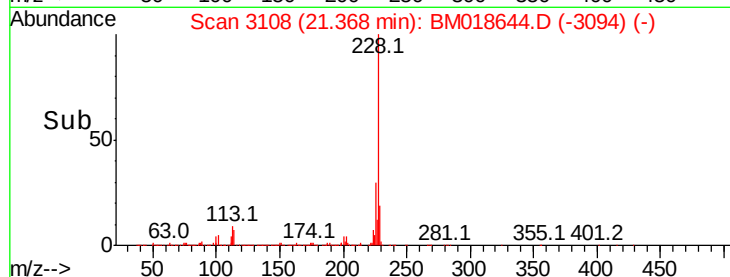
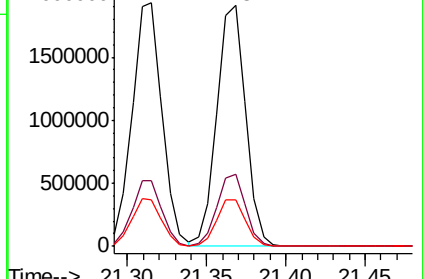
229 19.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.702 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.03 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

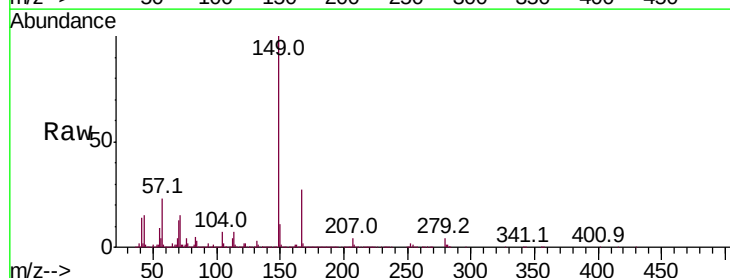
Tgt Ion:149 Resp: 1691952

Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

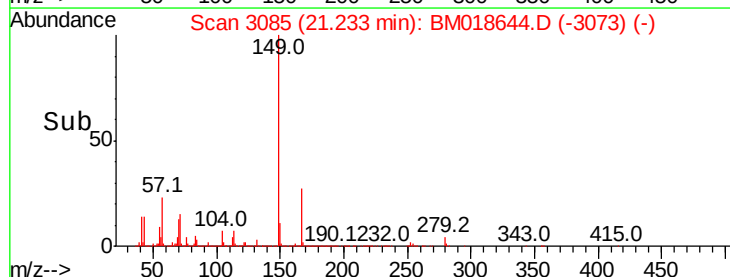
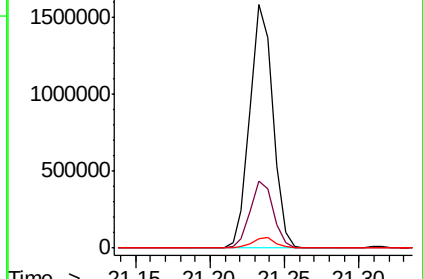
279 4.0 3.3 4.9

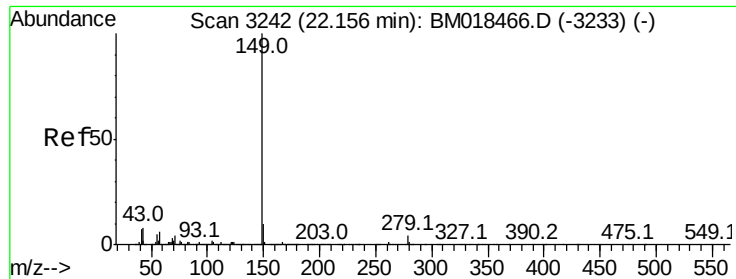


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.451 ng

RT: 22.12 min Scan# 3236

Delta R.T. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

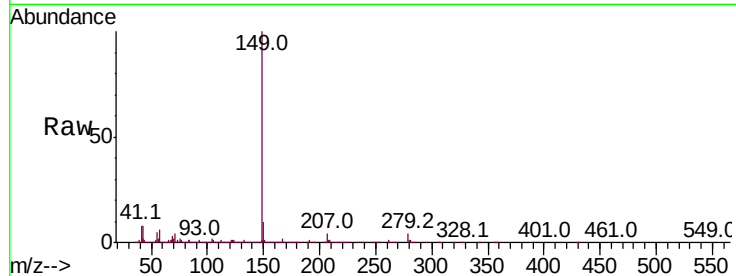
Tot Ion:149 Resp: 2959564

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

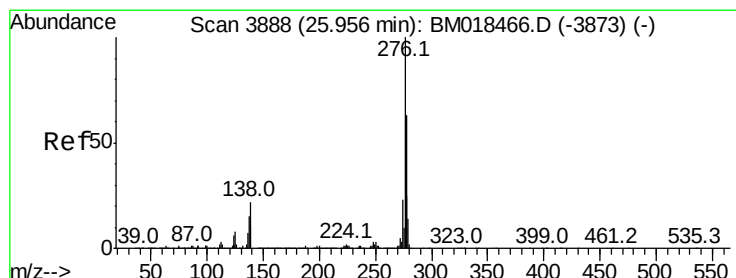
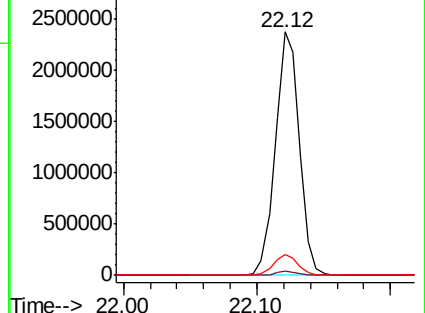
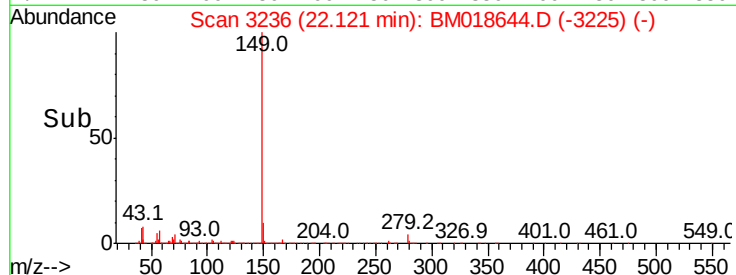
43 8.2 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.270 ng

RT: 25.90 min Scan# 3879

Delta R.T. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

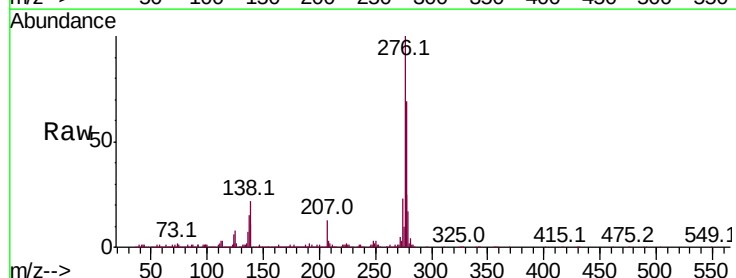
Tgt Ion:276 Resp: 2939232

Ion Ratio Lower Upper

276 100

138 23.6 21.5 32.3

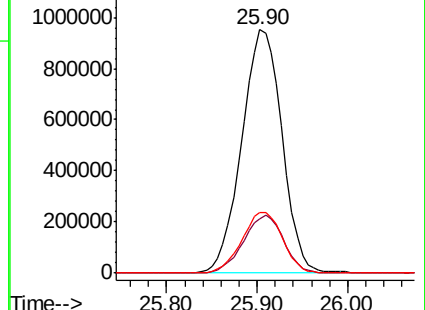
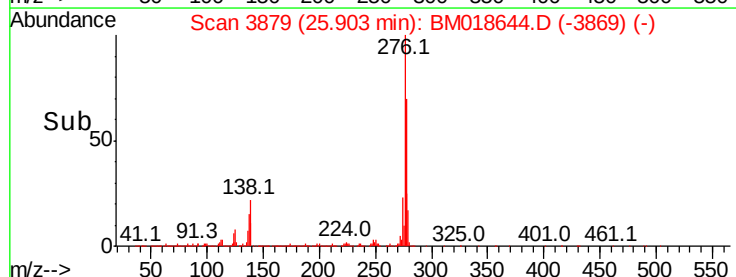
277 25.4 20.2 30.2

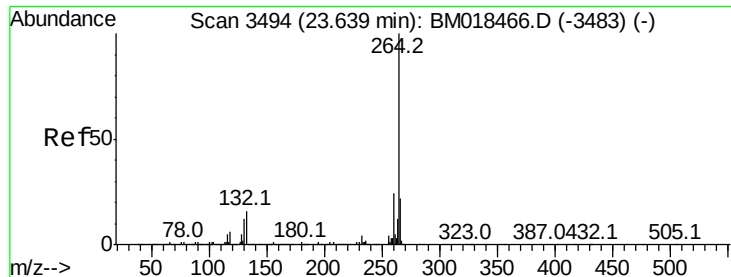


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3487

Delta R.T. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

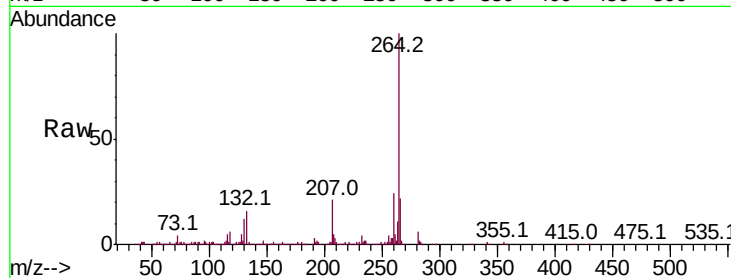
BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

Tot Ion:264 Resp: 1073144

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

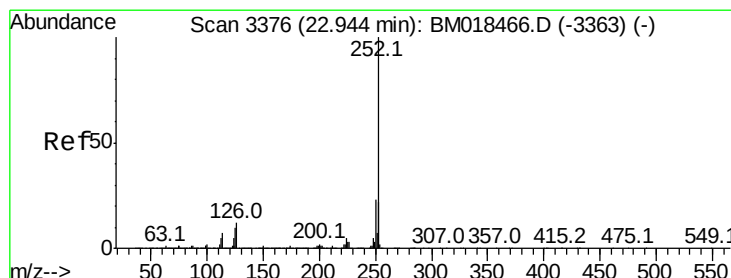
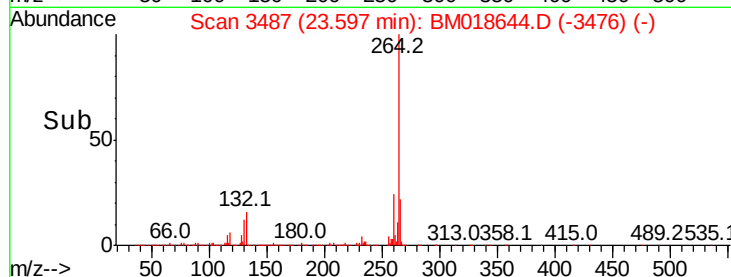
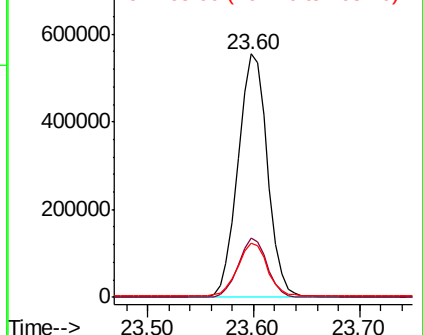


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.445 ng

RT: 22.92 min Scan# 3371

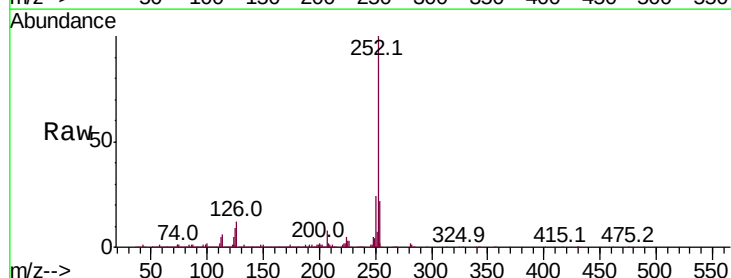
Delta R.T. -0.02 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Tgt Ion:252 Resp: 2585929

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

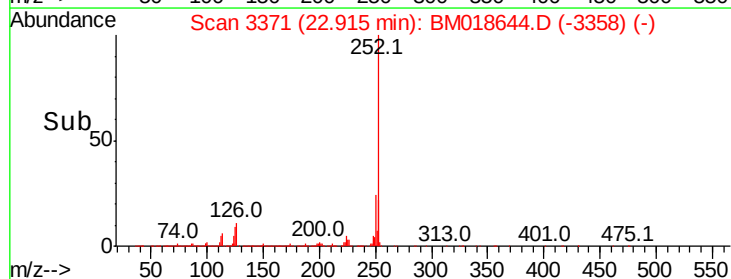
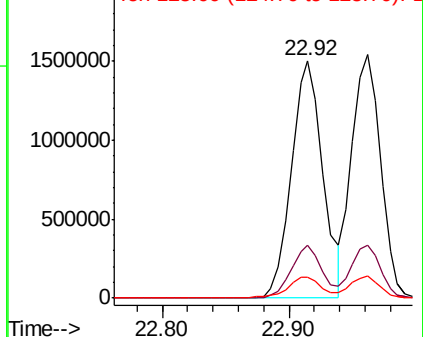


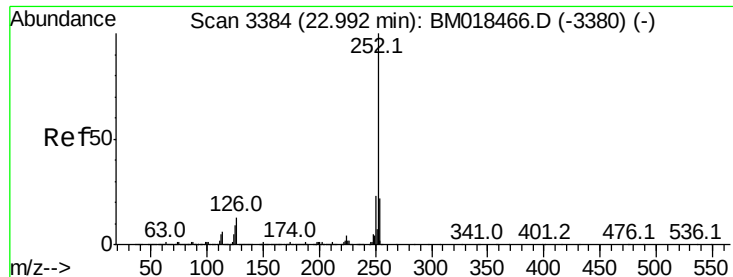
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

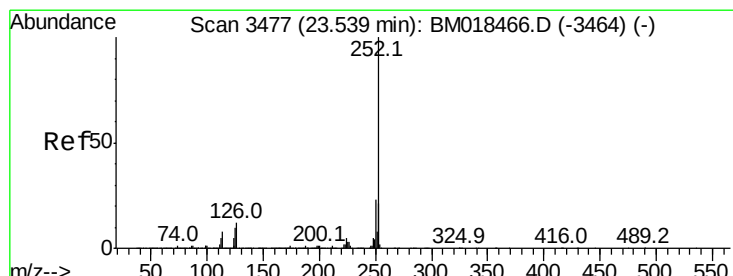
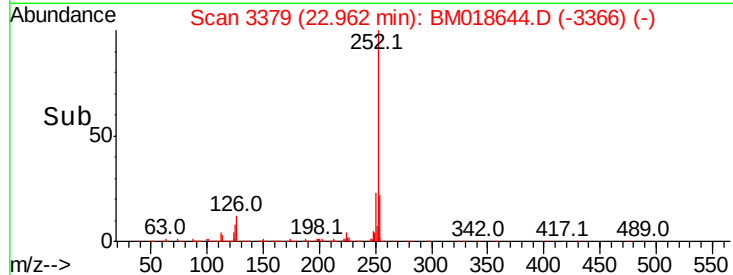
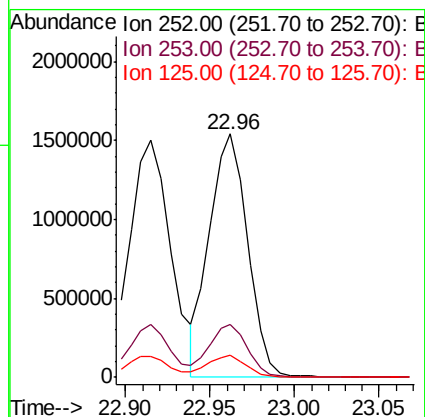
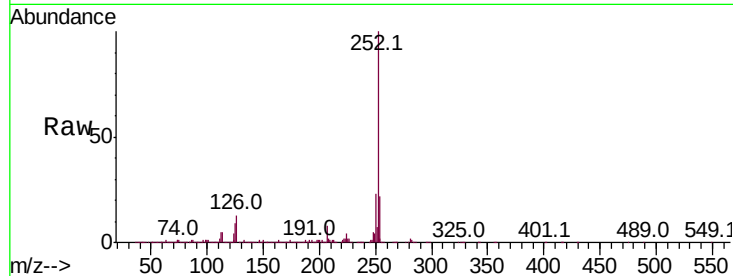




#89
Benzo(k)fluoranthene
Concen: 39.526 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

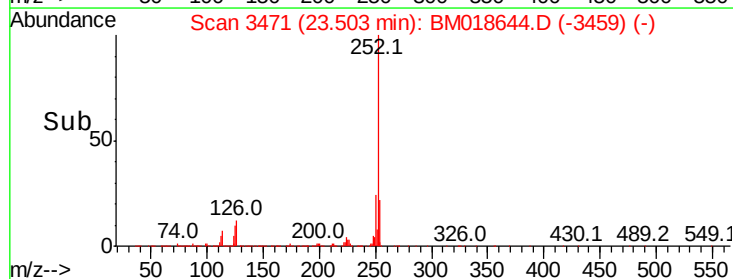
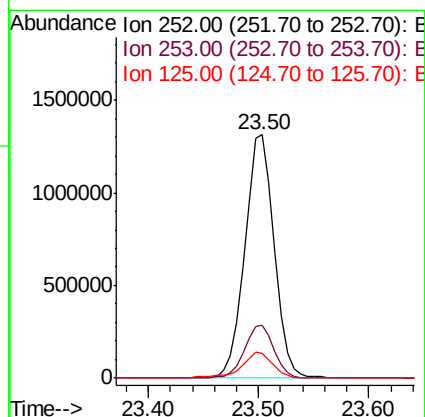
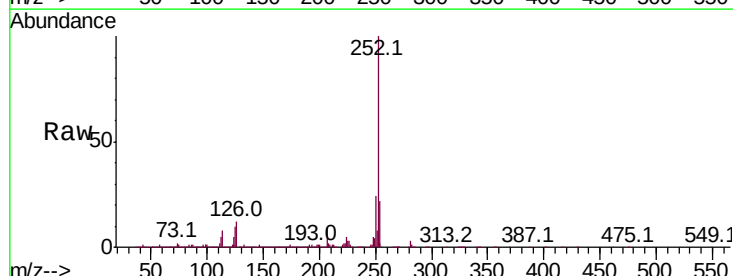
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MS

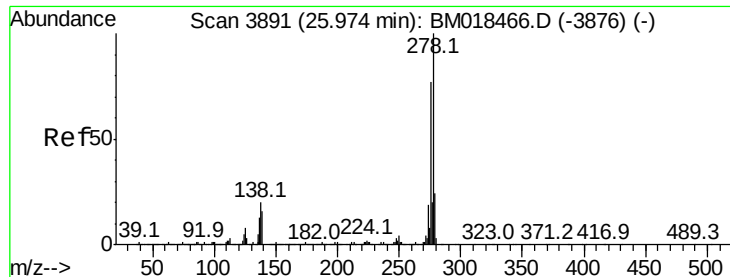
Tot Ion:252 Resp: 2426841
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.9 8.6 12.8



#90
Benzo(a)pyrene
Concen: 41.976 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BM018644.D
Acq: 18 Jan 2019 19:25

Tgt Ion:252 Resp: 2448310
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: 42.250 ng

RT: 25.92 min Scan# 3882

Delta R.T. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MS

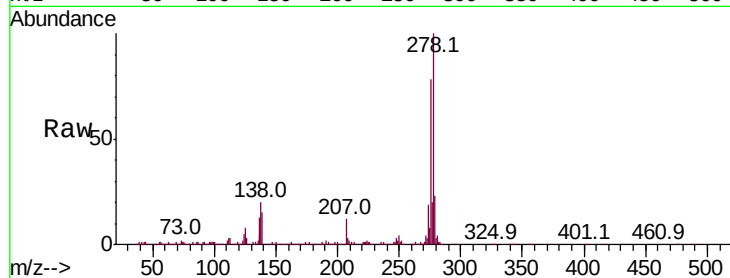
Tot Ion:278 Resp: 2496960

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

278 100

139 14.8 13.2 19.8

279 23.2 19.0 28.4

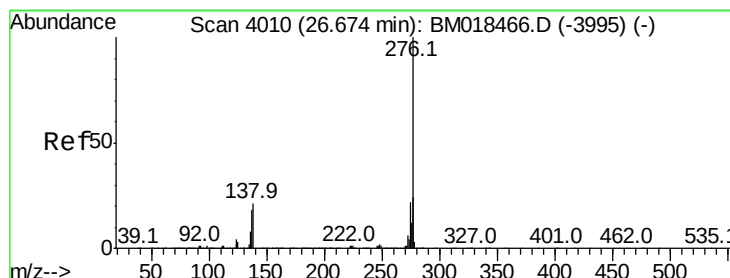
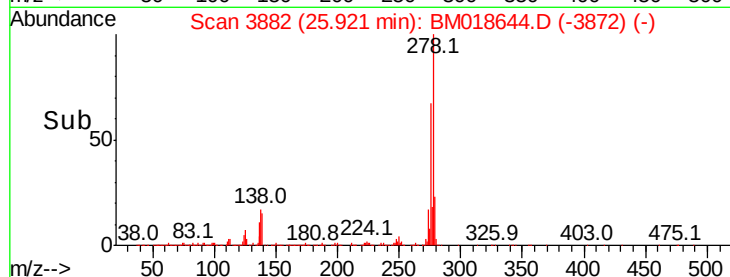
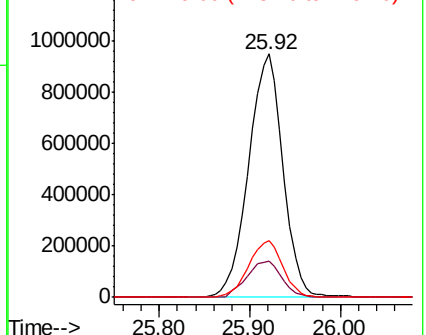


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.078 ng

RT: 26.61 min Scan# 4000

Delta R.T. -0.04 min

Lab File: BM018644.D

Acq: 18 Jan 2019 19:25

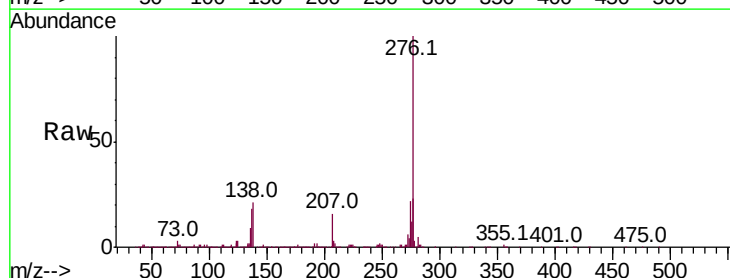
Tgt Ion:276 Resp: 2419946

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

276 100

277 22.9 19.0 28.4

138 20.7 18.1 27.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

