

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018645.D
 Acq On : 18 Jan 2019 20:00
 Operator : JU/SJ
 Sample : K1188-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 18 21:49:59 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	249661	20.00	ng	-0.03
21) Naphthalene-d8	10.52	136	943297	20.00	ng	-0.03
39) Acenaphthene-d10	14.39	164	508516	20.00	ng	-0.02
64) Phenanthrene-d10	17.13	188	1141660	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1250740	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1272720	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1497462	110.75	ng	-0.02
7) Phenol-d6	6.91	99	1856900	108.13	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1146475	70.46	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	757290	116.96	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	2585780	66.35	ng	-0.02
79) Terphenyl-d14	19.77	244	3834068	64.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	161485	29.304	ng	97
3) Pyridine	3.67	79	429382	31.253	ng	99
4) n-Nitrosodimethylamine	3.59	42	226657	39.895	ng	# 95
6) Aniline	7.07	93	415366	21.683	ng	97
8) 2-Chlorophenol	7.30	128	571478	36.190	ng	95
9) Benzaldehyde	6.89	77	136192	11.340	ng	93
10) Phenol	6.94	94	646548	37.050	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	471117	34.358	ng	96
12) 1,3-Dichlorobenzene	7.62	146	628130	33.401	ng	99
13) 1,4-Dichlorobenzene	7.77	146	642011	33.682	ng	100
14) 1,2-Dichlorobenzene	8.08	146	608502	33.668	ng	100
15) Benzyl Alcohol	7.98	79	444430	35.831	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	592845	33.832	ng	94
17) 2-Methylphenol	8.18	107	436485	36.848	ng	98
18) Hexachloroethane	8.80	117	228248	33.585	ng	95
19) n-Nitroso-di-n-propylamine	8.55	70	371156	33.211	ng	93
20) 3+4-Methylphenols	8.50	107	584990	35.774	ng	99
22) Acetophenone	8.56	105	767816	32.904	ng	# 97
24) Nitrobenzene	8.95	77	552730	34.523	ng	97
25) Isophorone	9.46	82	995217	40.390	ng	97
26) 2-Nitrophenol	9.65	139	307304	39.695	ng	98
27) 2,4-Dimethylphenol	9.70	122	479446	41.318	ng	98
28) bis(2-Chloroethoxy)methane	9.95	93	621071	36.487	ng	100
29) 2,4-Dichlorophenol	10.17	162	520413	37.664	ng	98
30) 1,2,4-Trichlorobenzene	10.39	180	584884	34.103	ng	99
31) Naphthalene	10.57	128	1676079	36.894	ng	100
32) Benzoic acid	9.80	122	92910	16.783	ng	98
33) 4-Chloroaniline	10.70	127	262333	14.663	ng	97
34) Hexachlorobutadiene	10.85	225	354320	32.702	ng	99
35) Caprolactam	11.50	113	146206	31.123	ng	91
36) 4-Chloro-3-methylphenol	11.82	107	532794	36.754	ng	99
37) 2-Methylnaphthalene	12.19	142	1211475	37.744	ng	99
38) 1-Methylnaphthalene	12.41	142	1142297	36.781	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	630923	35.480	ng	99

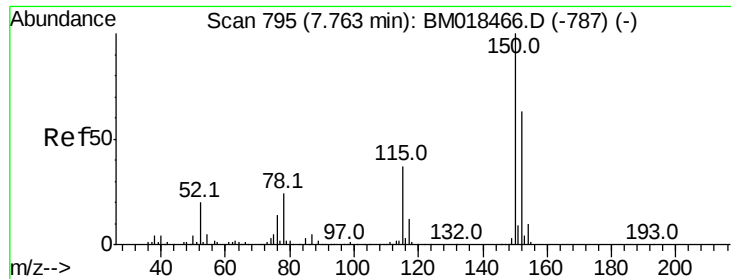
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	789253	80.869	ng	99
43) 2,4,6-Trichlorophenol	12.81	196	426704	39.515	ng	97
44) 2,4,5-Trichlorophenol	12.88	196	454685	40.036	ng	98
46) 1,1'-Biphenyl	13.21	154	1507334	33.948	ng	99
47) 2-Chloronaphthalene	13.26	162	1184149	34.392	ng	100
48) 2-Nitroaniline	13.47	65	317470	37.478	ng	93
49) Acenaphthylene	14.11	152	1892900	37.724	ng	100
50) Dimethylphthalate	13.85	163	1787749	42.807	ng	99
51) 2,6-Dinitrotoluene	13.97	165	334650	37.829	ng	91
52) Acenaphthene	14.45	154	1082645	35.264	ng	97
53) 3-Nitroaniline	14.31	138	233253	26.154	ng	96
54) 2,4-Dinitrophenol	14.51	184	363132	76.202	ng	93
55) Dibenzofuran	14.79	168	1748234	34.463	ng	100
56) 4-Nitrophenol	14.62	139	586465	76.117	ng	96
57) 2,4-Dinitrotoluene	14.76	165	468286	37.413	ng	97
58) Fluorene	15.43	166	1409089	37.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.01	232	415615	41.286	ng	97
60) Diethylphthalate	15.21	149	1518434	36.016	ng	99
61) 4-Chlorophenyl-phenylether	15.43	204	724915	33.284	ng	98
62) 4-Nitroaniline	15.47	138	318533	32.744	ng	97
63) Azobenzene	15.72	77	1186867	34.528	ng	98
65) 4,6-Dinitro-2-methylphenol	15.52	198	266773	37.934	ng	89
66) n-Nitrosodiphenylamine	15.65	169	1249824	35.292	ng	99
67) 4-Bromophenyl-phenylether	16.33	248	435073	34.054	ng	97
68) Hexachlorobenzene	16.43	284	483527	33.807	ng	98
69) Atrazine	16.60	200	472851	36.934	ng	98
70) Pentachlorophenol	16.78	266	655422	69.972	ng	99
71) Phenanthrene	17.18	178	2226472	36.665	ng	99
72) Anthracene	17.27	178	2263667	38.766	ng	100
73) Carbazole	17.54	167	2105034	35.088	ng	99
74) Di-n-butylphthalate	18.10	149	2602808	39.608	ng	99
75) Fluoranthene	19.20	202	2641217	37.726	ng	98
77) Benzidine	19.40	184	946129	30.636	ng	100
78) Pyrene	19.56	202	2693575	36.332	ng	99
80) Butylbenzylphthalate	20.46	149	1225324	38.733	ng	99
81) Benzo(a)anthracene	21.32	228	2719833	36.913	ng	99
82) 3,3'-Dichlorobenzidine	21.25	252	820752	29.457	ng	100
83) Chrysene	21.37	228	2553645	35.890	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1806956	39.555	ng	99
85) Di-n-octyl phthalate	22.12	149	3111337	40.495	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.91	276	3101089	37.797	ng	97
88) Benzo(b)fluoranthene	22.92	252	2742472	37.955	ng	98
89) Benzo(k)fluoranthene	22.96	252	2564154	35.213	ng	98
90) Benzo(a)pyrene	23.50	252	2600746	37.597	ng	98
91) Dibenzo(a,h)anthracene	25.91	278	2635682	37.604	ng	99
92) Benzo(g,h,i)perylene	26.61	276	2560230	37.536	ng	98

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

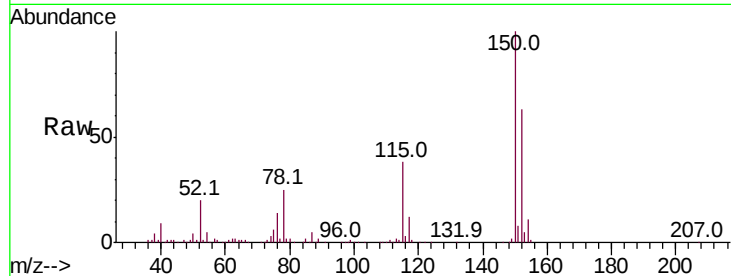


#1

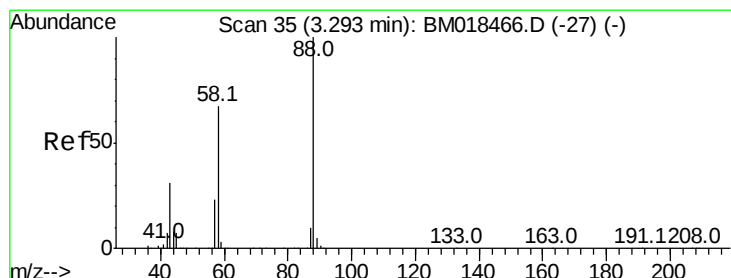
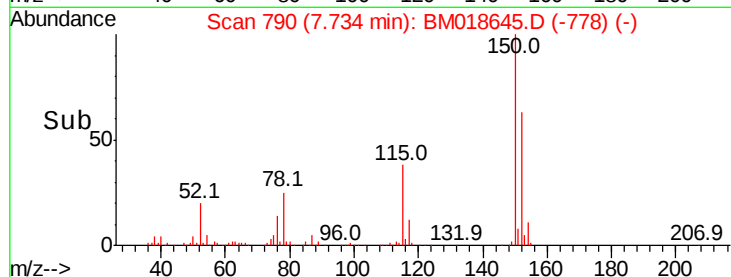
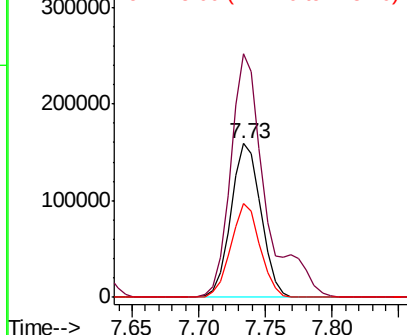
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion:152 Resp: 249661
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 60.8 45.5 68.3



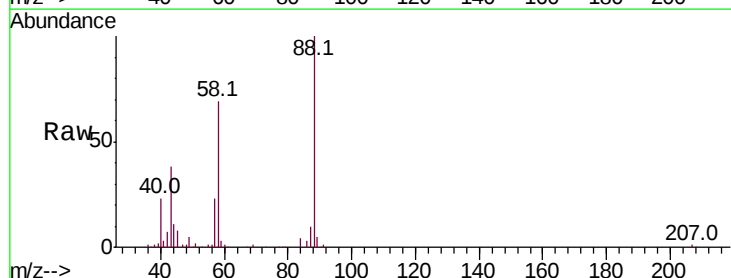
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



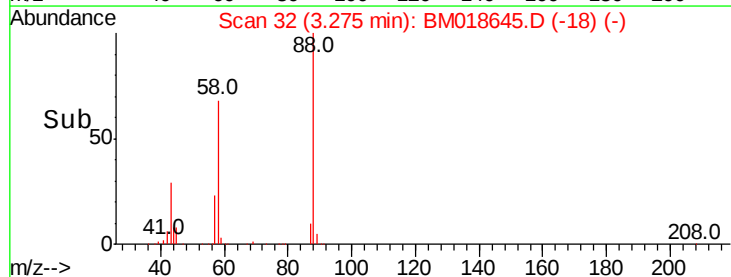
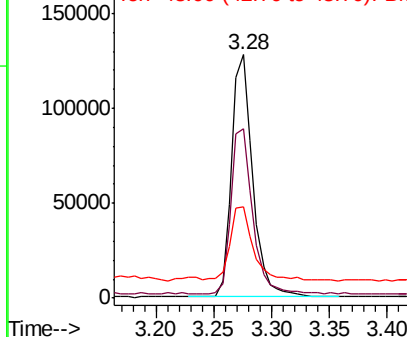
#2

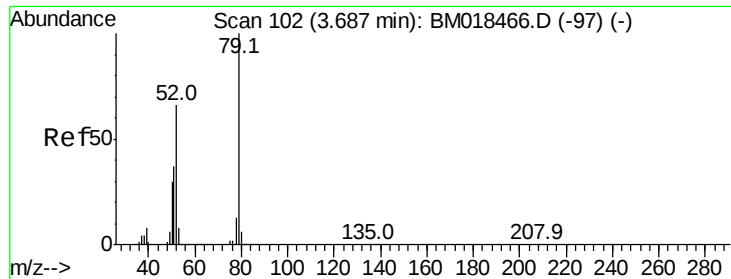
1,4-Dioxane
Concen: 29.304 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion: 88 Resp: 161485
Ion Ratio Lower Upper
88 100
58 70.5 58.4 87.6
43 34.9 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: 31.253 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.04 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

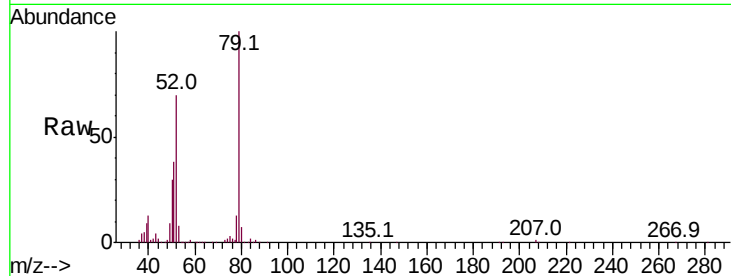
Tot Ion: 79 Resp: 429382

Ion Ratio Lower Upper

79 100

52 69.6 56.4 84.6

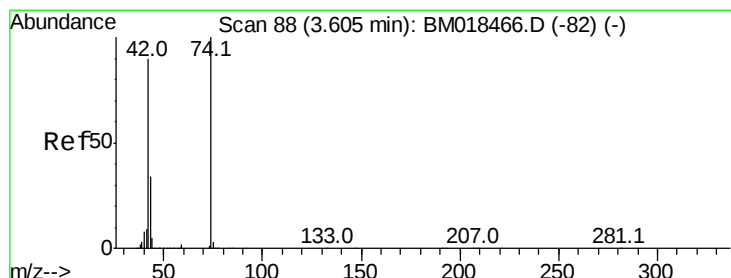
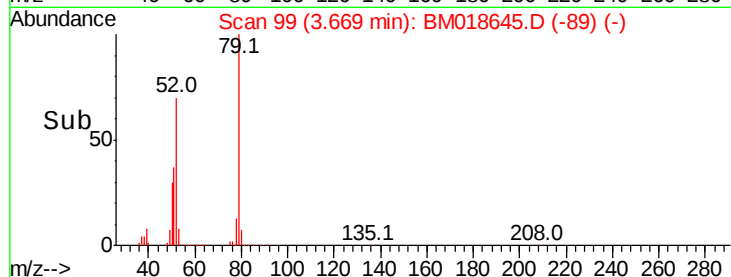
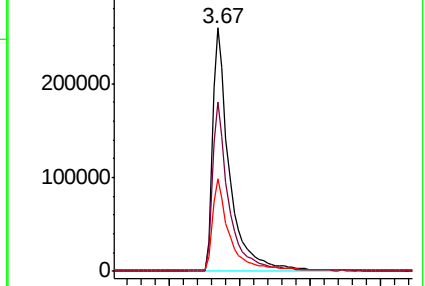
51 37.8 31.0 46.4



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: 39.895 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.04 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

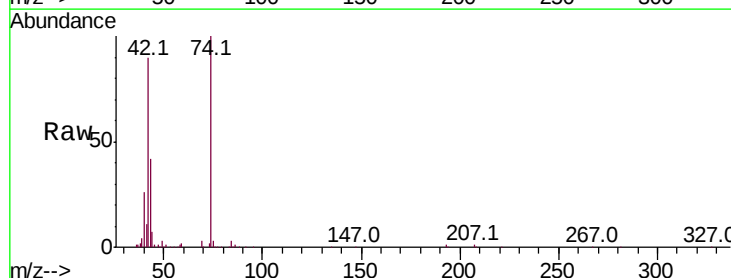
Tgt Ion: 42 Resp: 226657

Ion Ratio Lower Upper

42 100

74 110.6 88.6 132.8

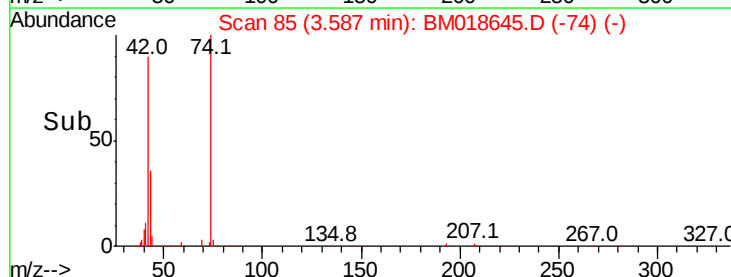
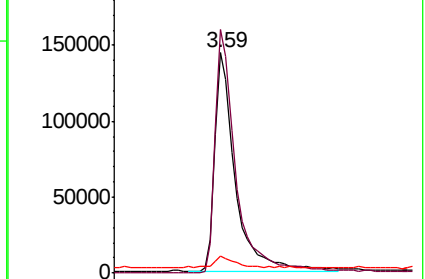
44 7.7 16.9 25.3#

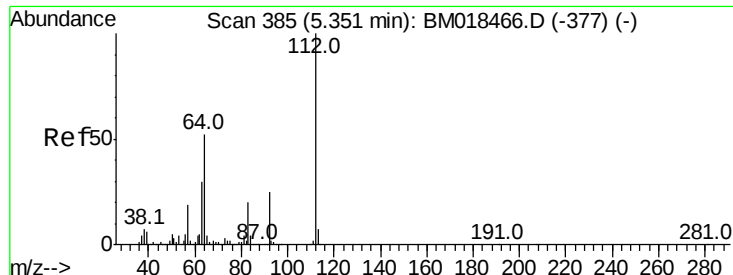


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

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: 110.752 ng

RT: 5.33 min Scan# 381

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

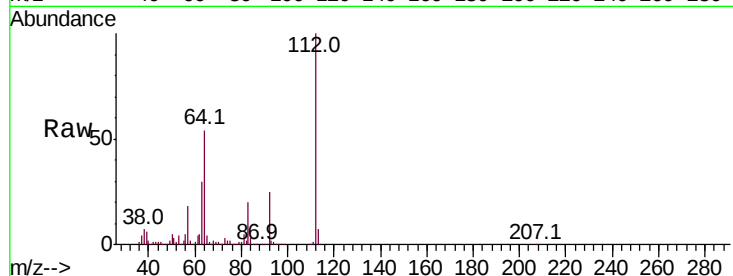
Tot Ion:112 Resp: 1497462

Ion Ratio Lower Upper

112 100

64 53.7 46.5 69.7

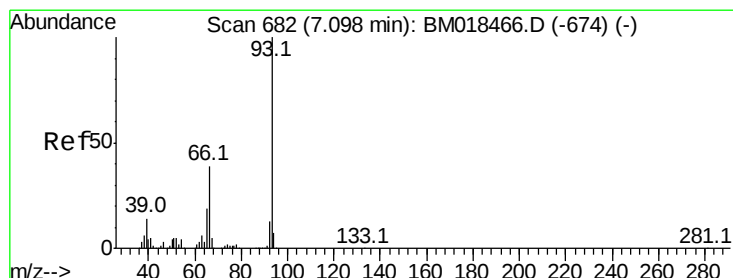
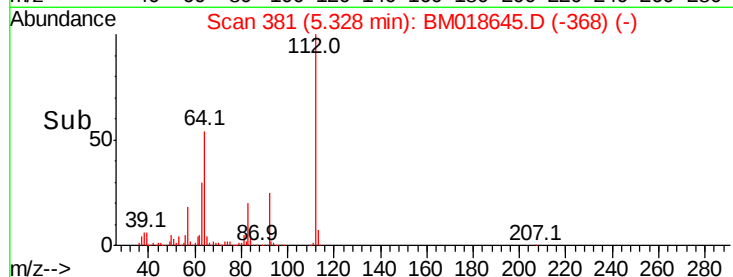
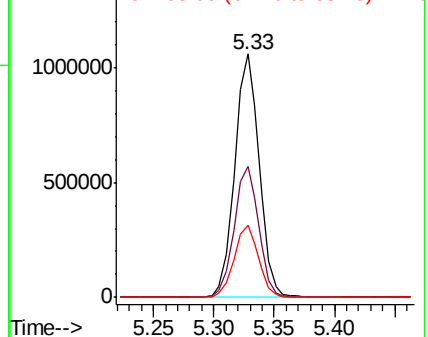
63 29.6 25.2 37.8



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: 21.683 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.04 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

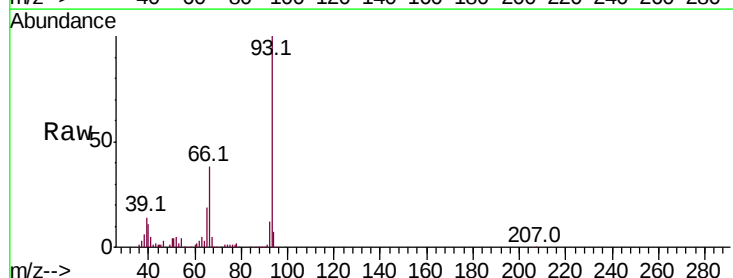
Tgt Ion: 93 Resp: 415366

Ion Ratio Lower Upper

93 100

66 37.7 31.7 47.5

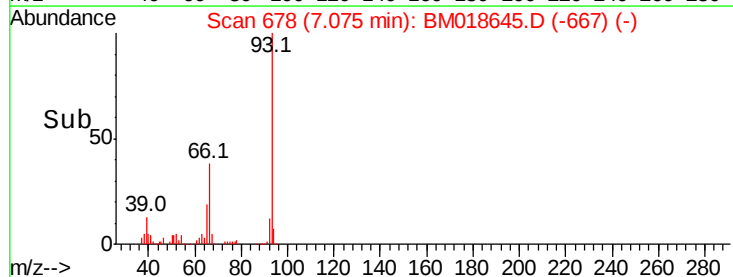
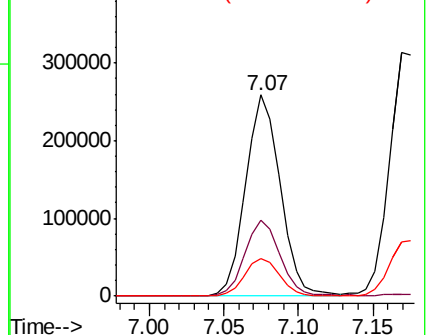
65 19.0 15.9 23.9

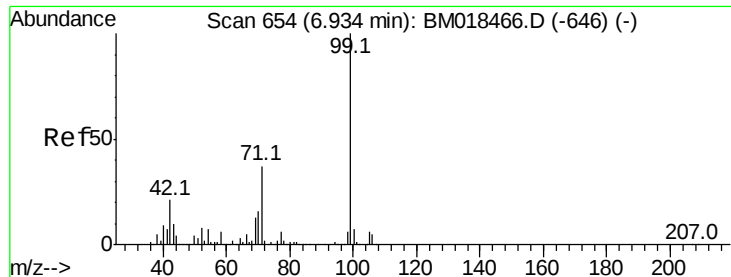


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 108.129 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

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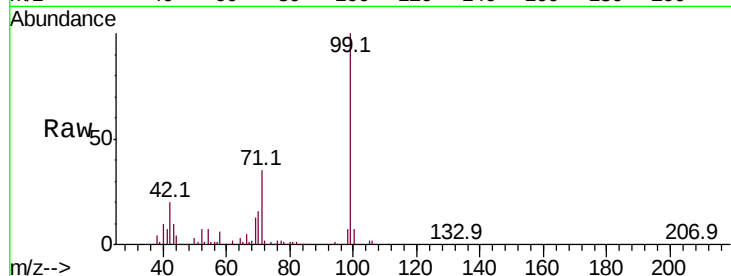
Tot Ion: 99 Resp: 1856900

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

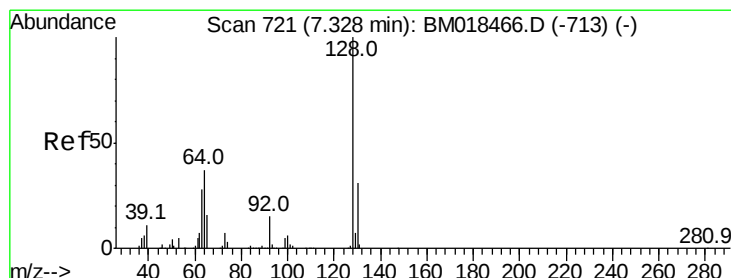
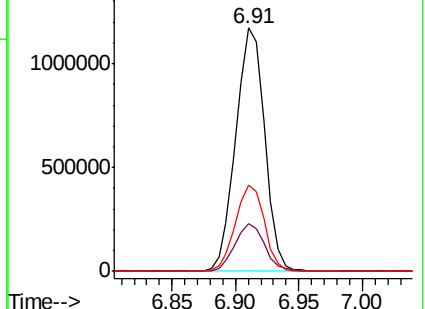
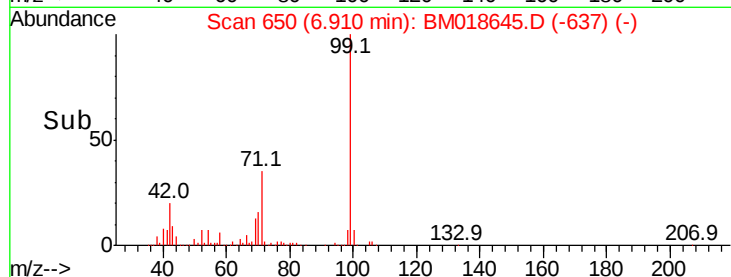
71 35.5 28.0 42.0



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

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

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



#8

2-Chlorophenol

Concen: 36.190 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

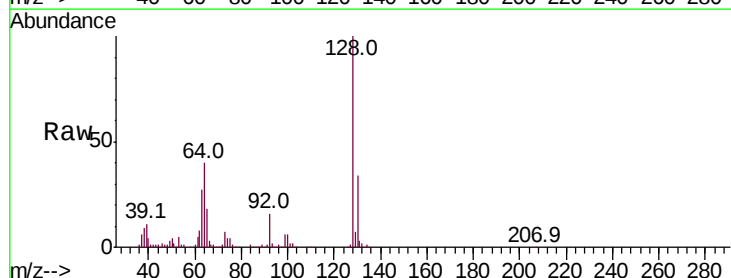
Tgt Ion: 128 Resp: 571478

Ion Ratio Lower Upper

128 100

130 34.0 13.6 53.6

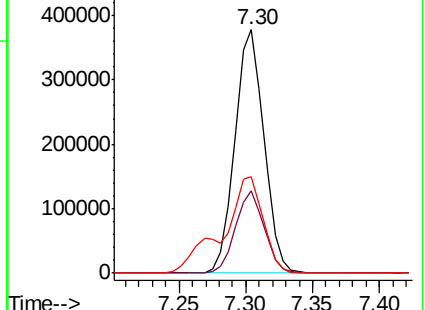
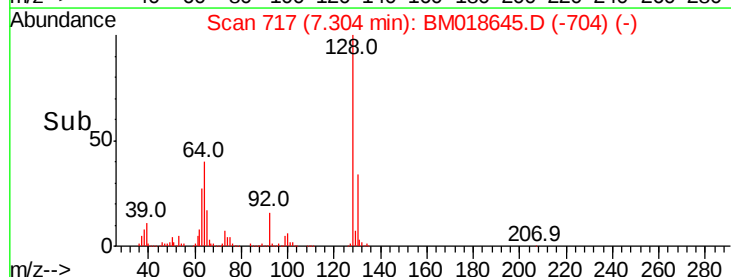
64 39.7 24.8 64.8

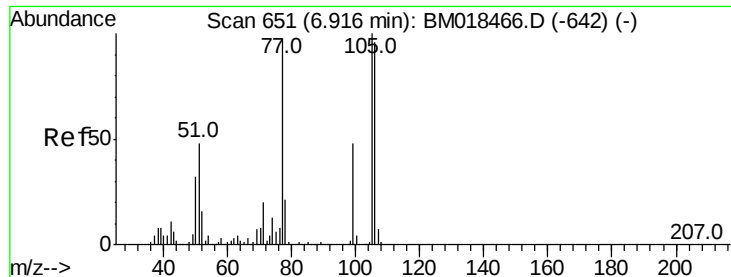


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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

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





#9

Benzaldehyde

Concen: 11.340 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

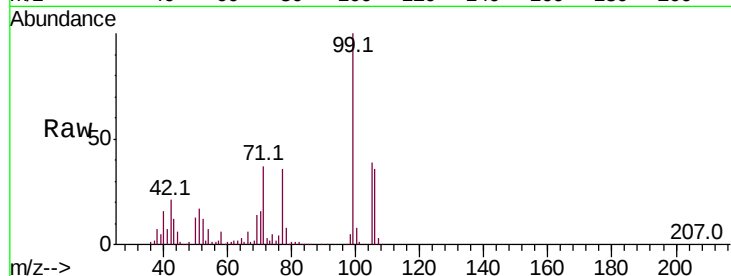
Tot Ion: 77 Resp: 136192

Ion Ratio Lower Upper

77 100

105 109.4 79.7 119.7

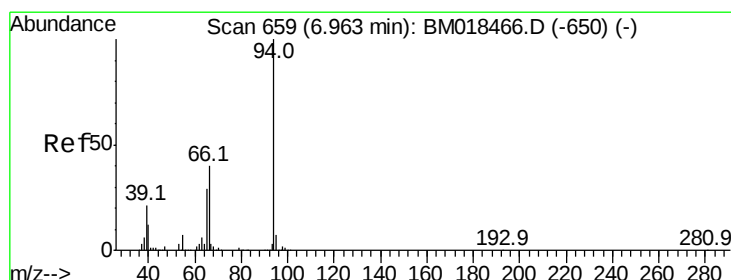
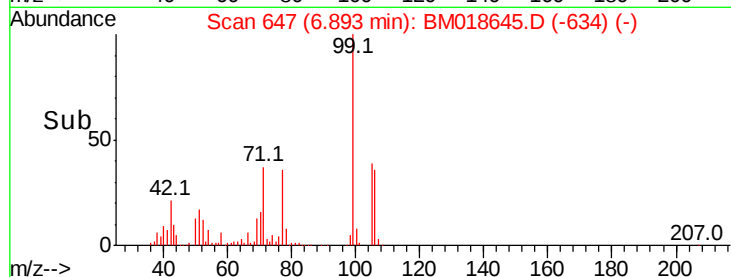
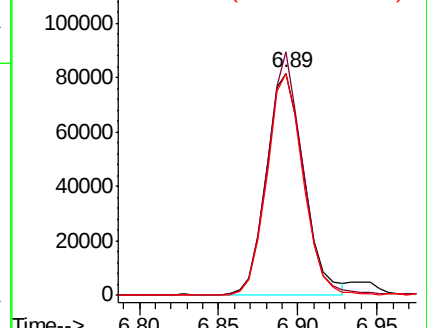
106 100.0 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)



#10

Phenol

Concen: 37.050 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

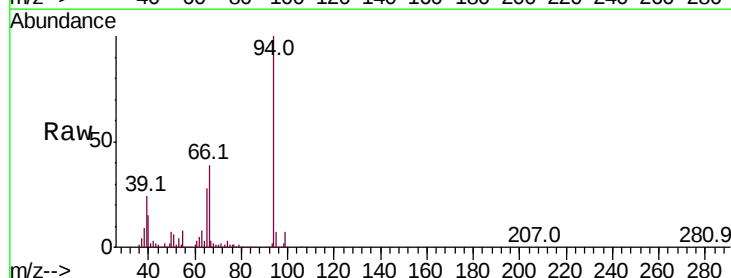
Tgt Ion: 94 Resp: 646548

Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

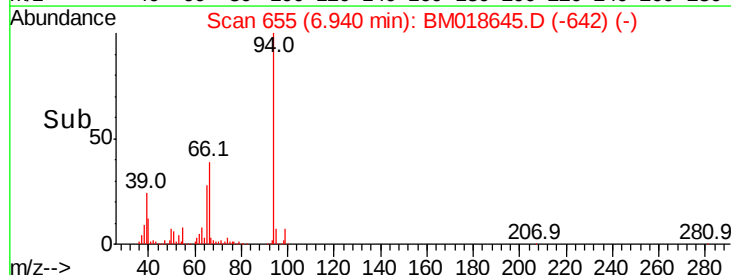
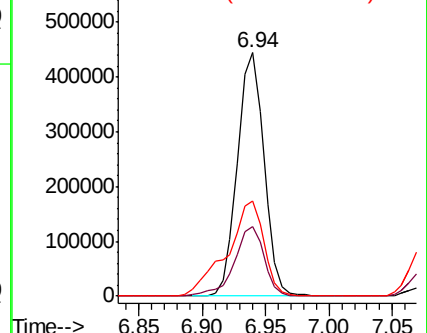
66 39.2 19.1 59.1

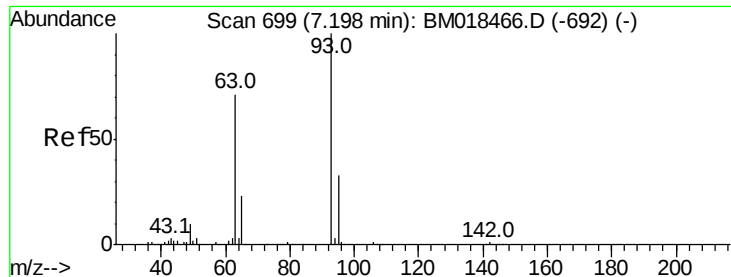


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

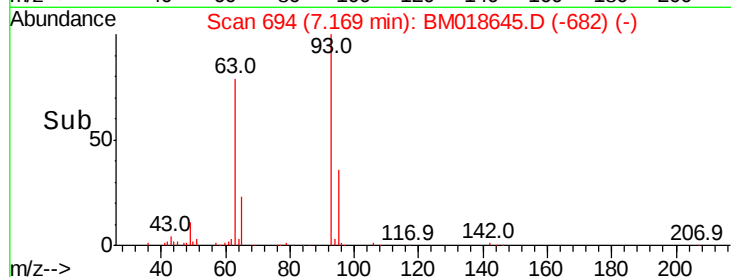
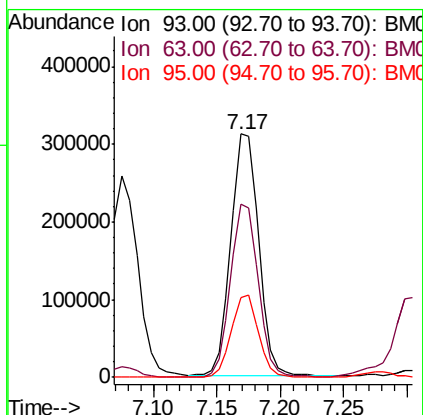
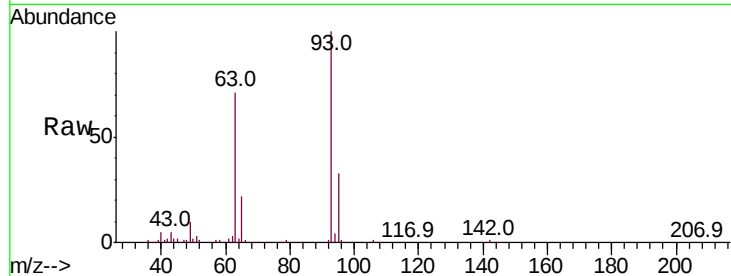




#11
bis(2-Chloroethyl)ether
Concen: 34.358 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

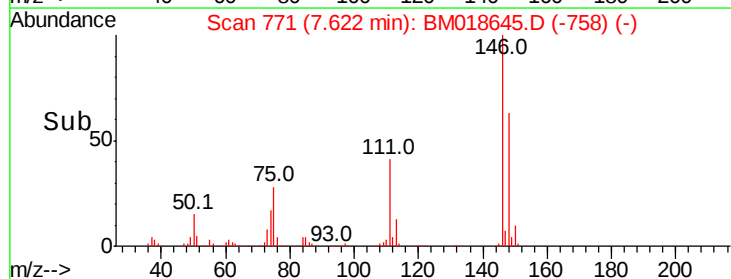
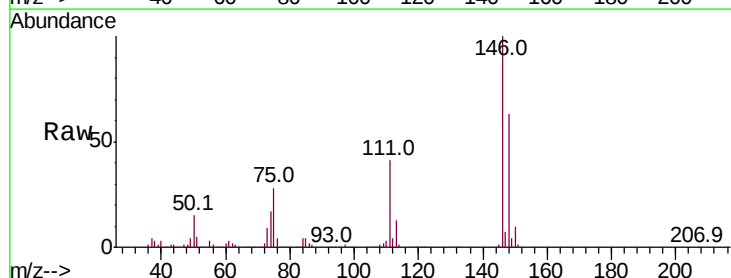
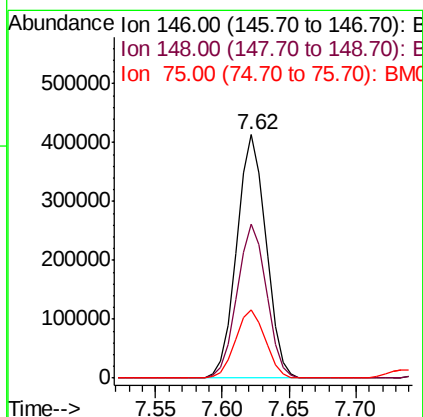
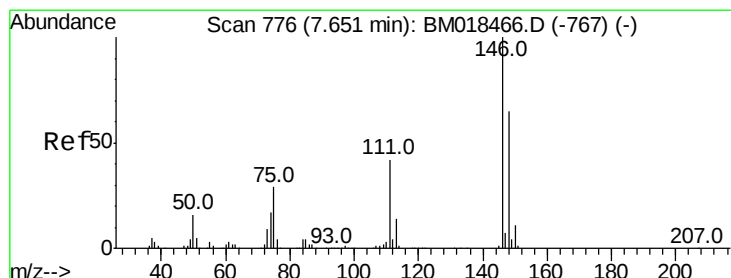
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

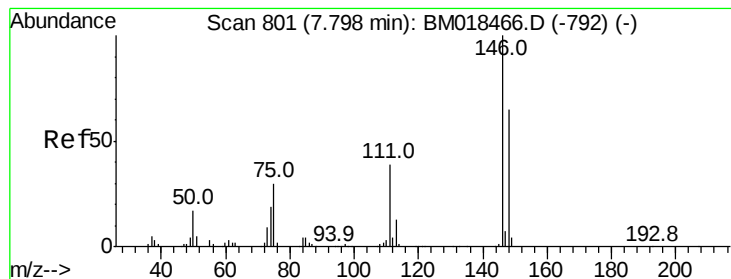
Tot Ion: 93 Resp: 471117
Ion Ratio Lower Upper
93 100
63 71.2 56.4 96.4
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 33.401 ng
RT: 7.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion: 146 Resp: 628130
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 28.3 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 33.682 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.03 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

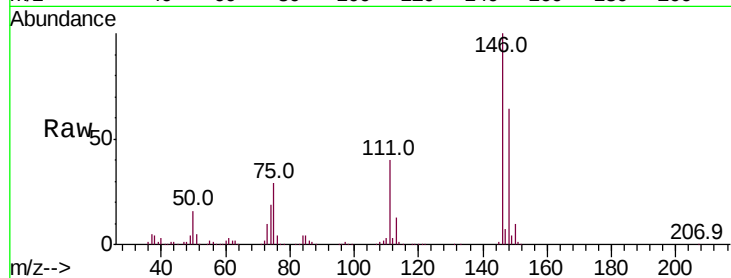
Tot Ion:146 Resp: 642011

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

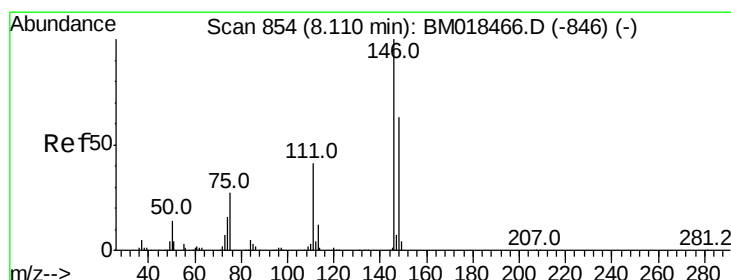
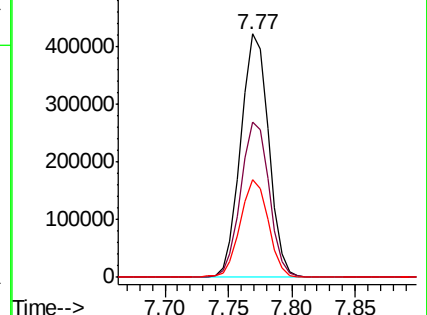
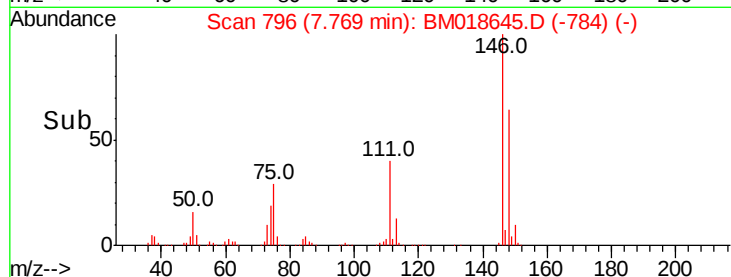
111 40.1 32.2 48.2



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: 33.668 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.03 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

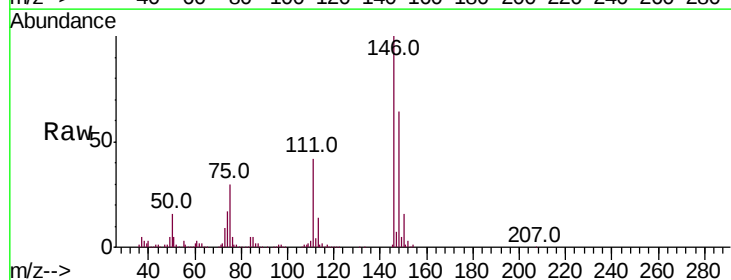
Tgt Ion:146 Resp: 608502

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

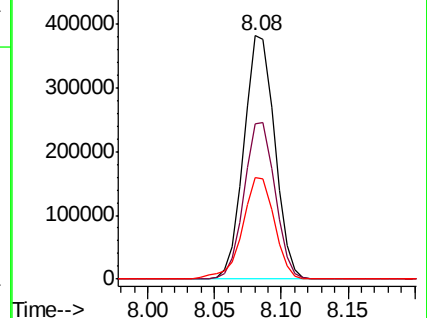
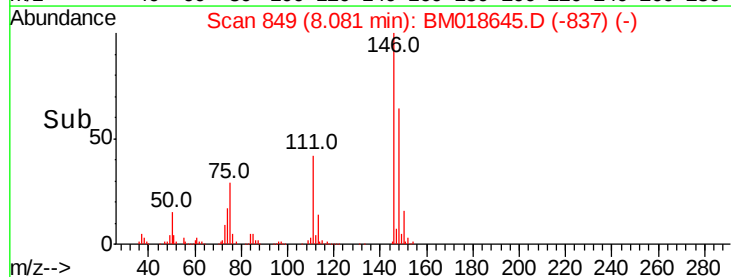
111 41.9 33.8 50.6



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: 35.831 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.03 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

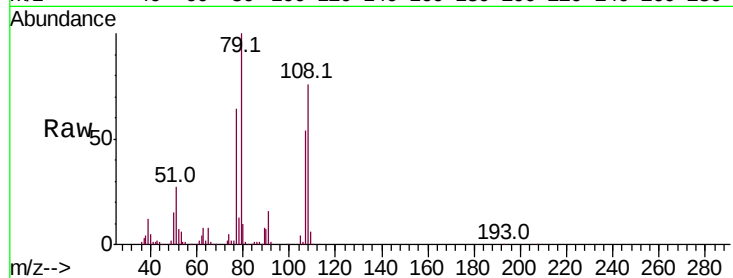
Tot Ion: 79 Resp: 444430

Ion Ratio Lower Upper

79 100

108 76.5 60.4 90.6

77 63.7 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)

7.98

300000

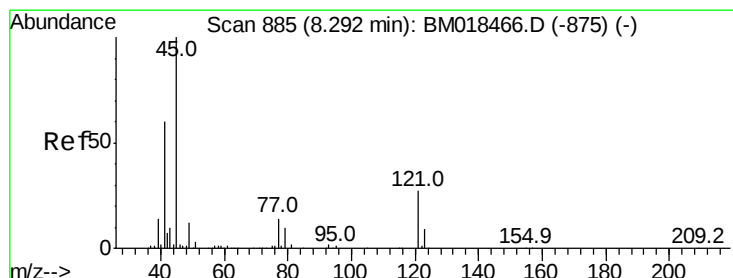
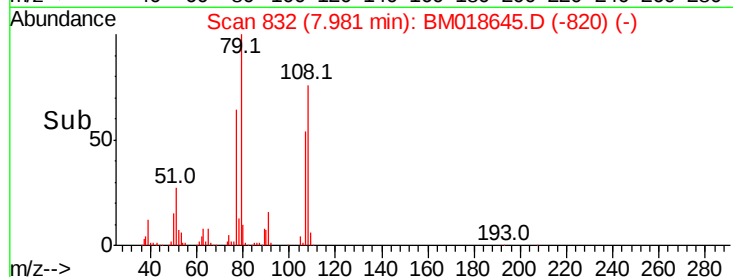
200000

100000

0

7.90 7.95 8.00 8.05

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.832 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

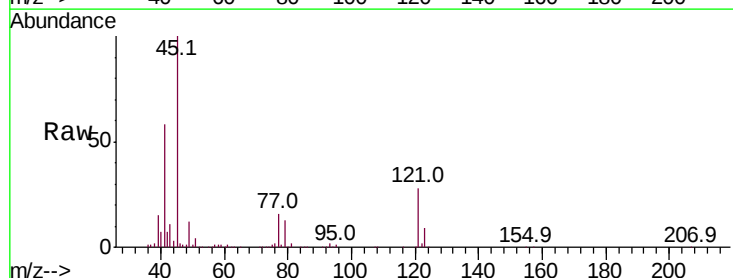
Tgt Ion: 45 Resp: 592845

Ion Ratio Lower Upper

45 100

77 16.1 0.0 33.4

79 12.9 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-875) (-)

8.26

300000

250000

200000

150000

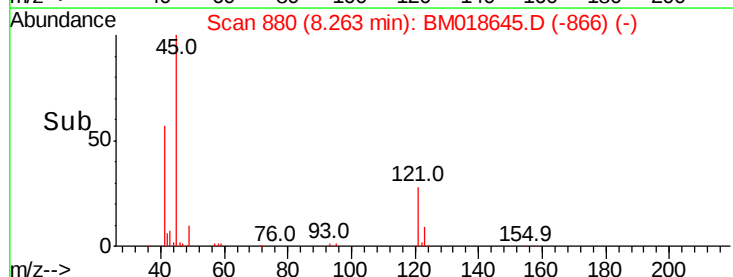
100000

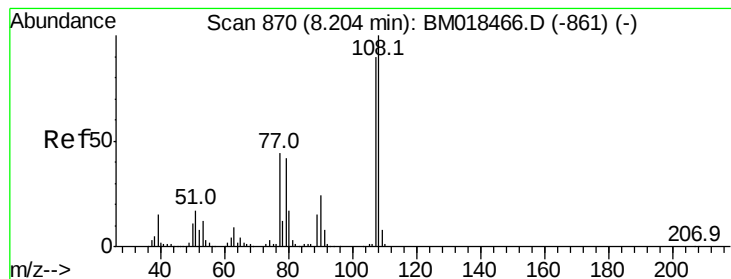
50000

0

8.15 8.20 8.25 8.30

Time-->

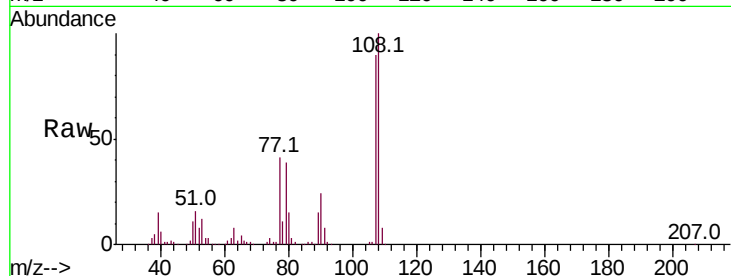




#17
2-Methylphenol
Concen: 36.848 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.5	131.3
77	46.0	37.3	55.9
79	43.3	36.4	54.6



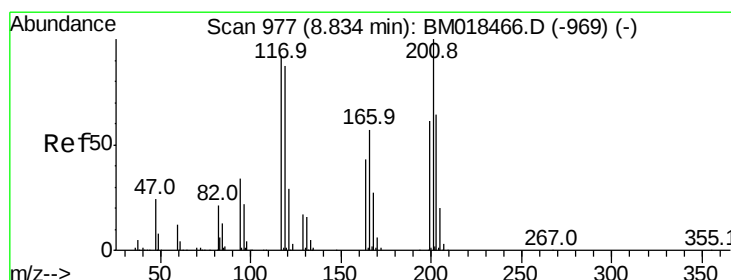
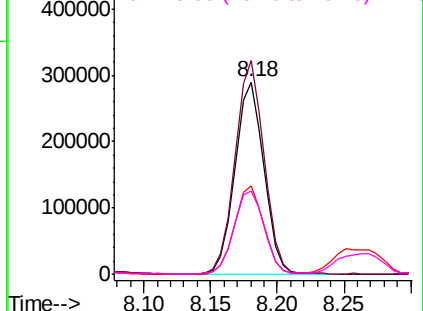
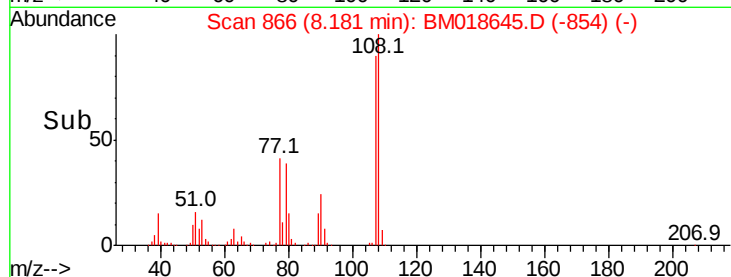
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

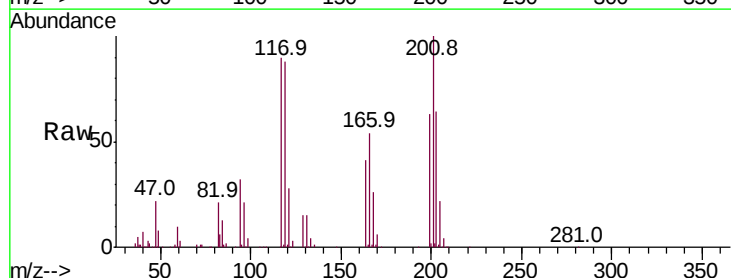
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 33.585 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.3	117.5
201	110.7	81.4	122.0

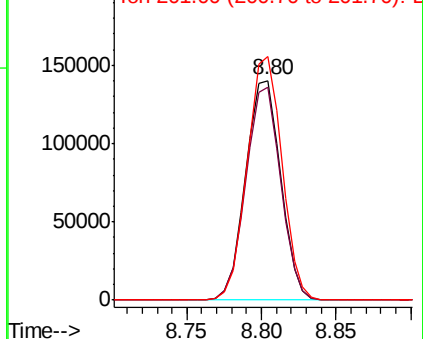
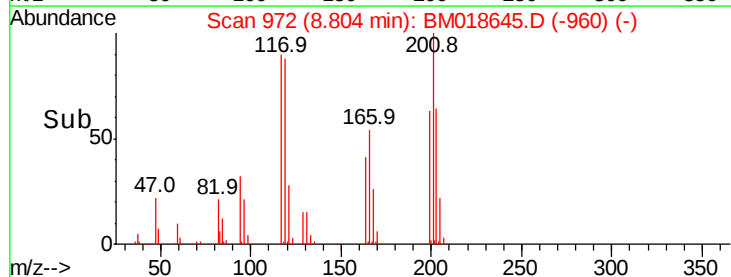


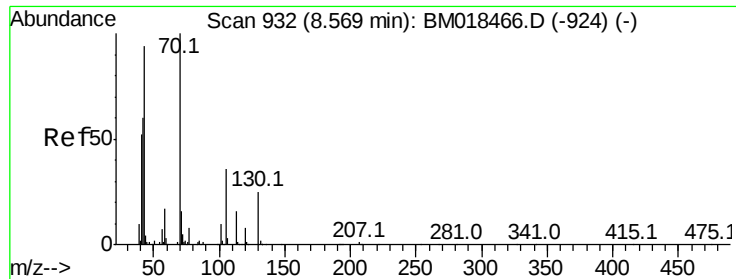
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

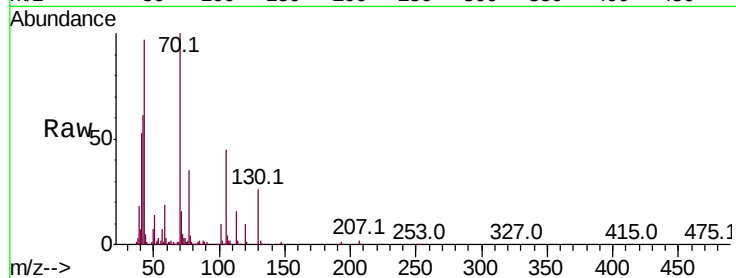




#19
n-Nitroso-di-n-propylamine
Concen: 33.211 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion:	70	Resp:	371156
Ion	Ratio	Lower	Upper
70	100		
42	61.2	54.0	81.0
101	10.5	8.1	12.1
130	26.1	17.8	26.6



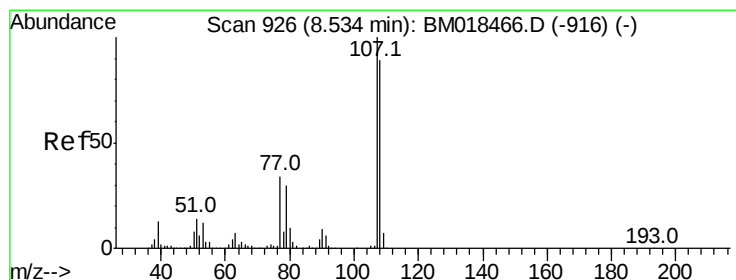
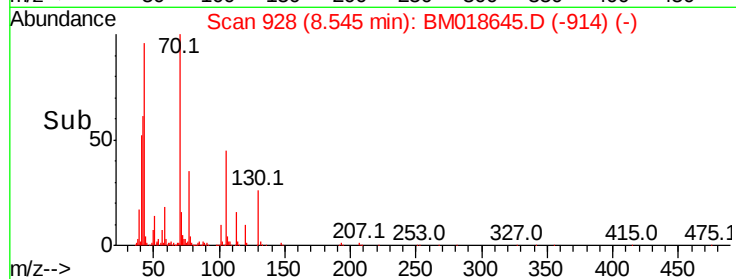
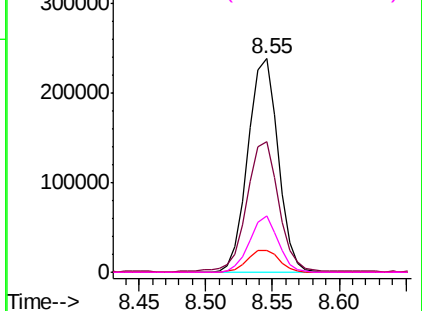
Abundance

Ion 70.00 (69.70 to 70.70): BM018466.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-924) (-)

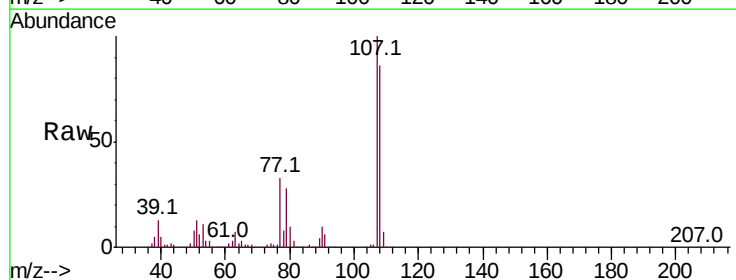
Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-924) (-)



#20
3+4-Methylphenols
Concen: 35.774 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:	107	Resp:	584990
Ion	Ratio	Lower	Upper
107	100		
108	86.4	66.8	106.8
77	32.8	13.3	53.3
79	28.0	8.8	48.8



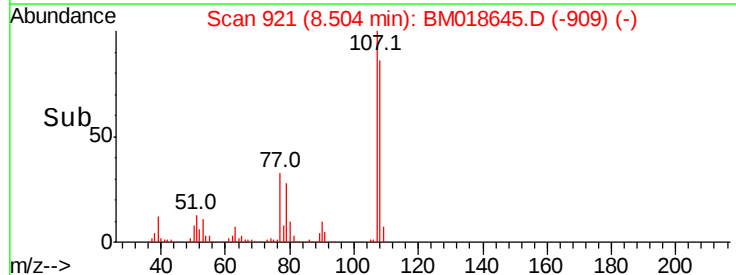
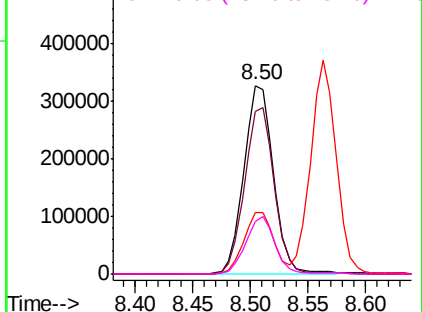
Abundance

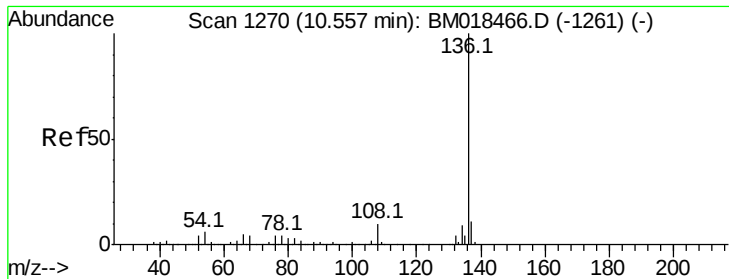
Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)

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) (-)

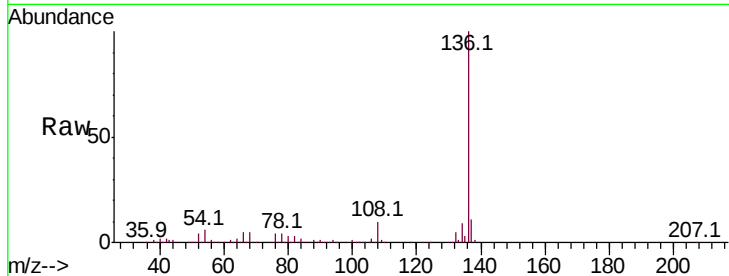




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion:136	Resp:	943297
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.5	12.7
54 6.5	6.0	9.0
68 4.9	4.5	6.7



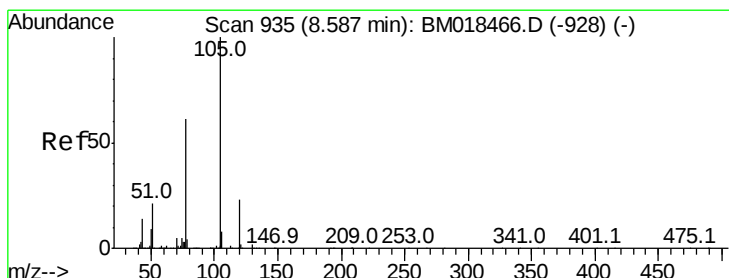
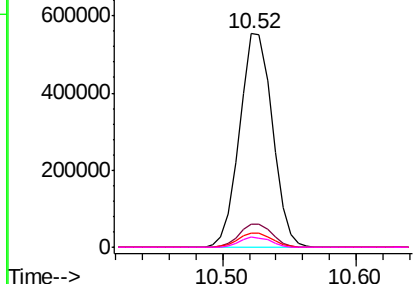
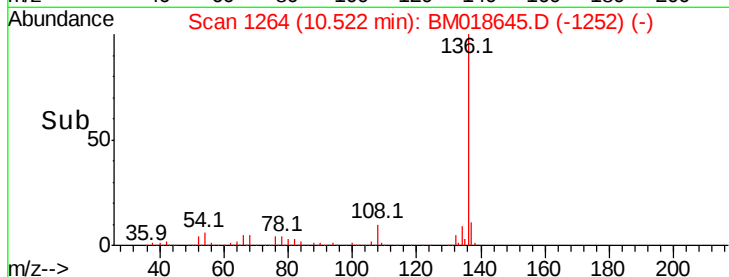
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

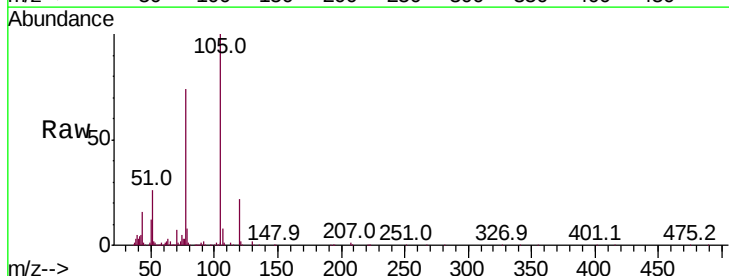
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 32.904 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt	Ion:105	Resp:	767816
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.7	2.5#
51	26.4	22.6	34.0
120	22.3	18.3	27.5



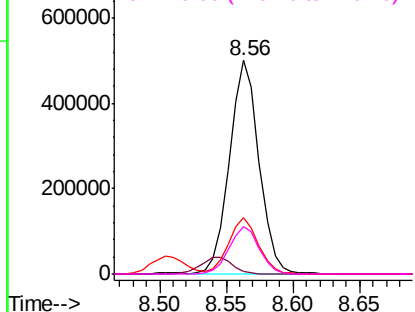
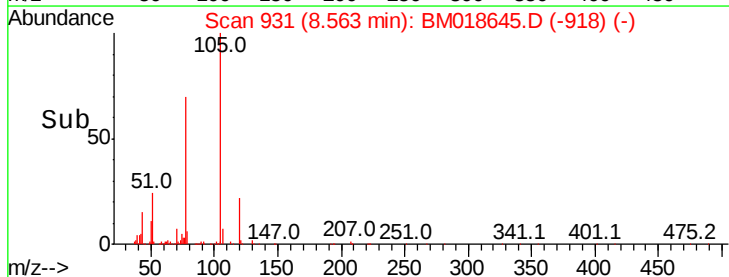
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 70.457 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

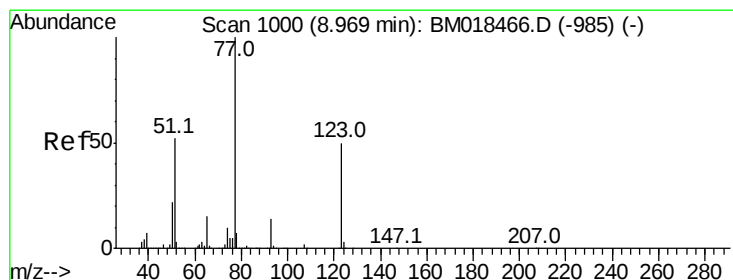
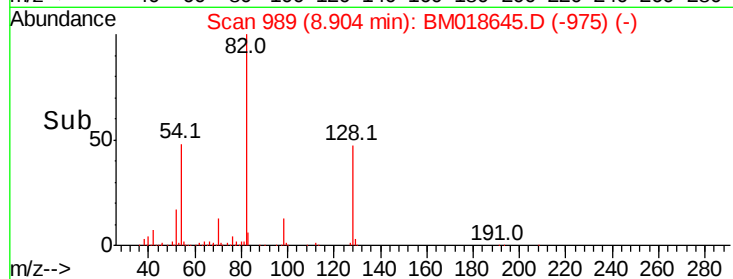
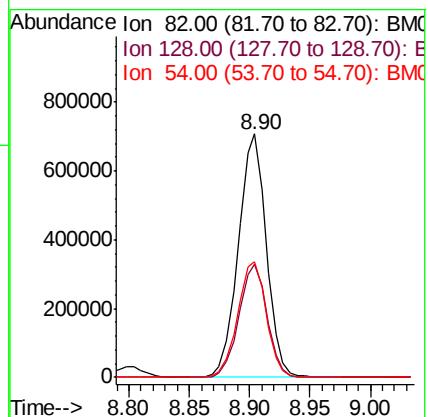
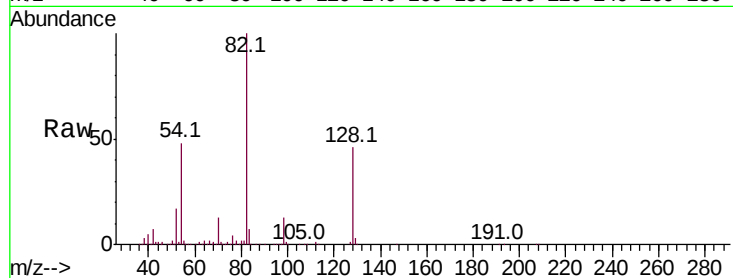
Tot Ion: 82 Resp: 1146475

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

54 47.6 41.7 62.5



#24

Nitrobenzene

Concen: 34.523 ng

RT: 8.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

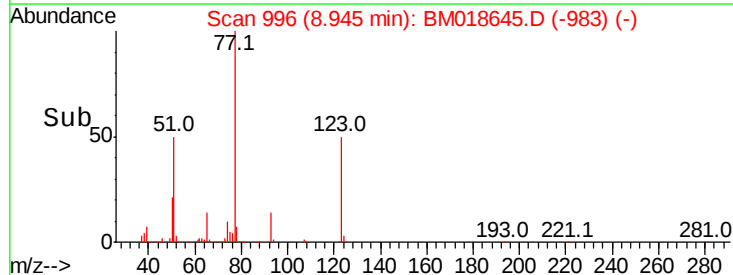
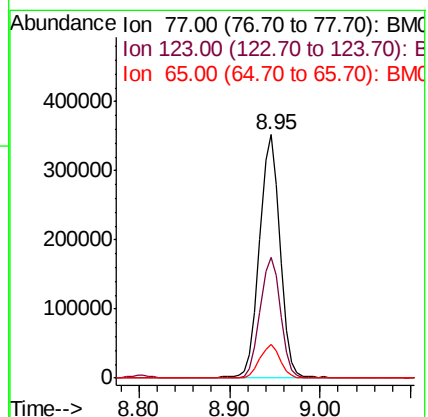
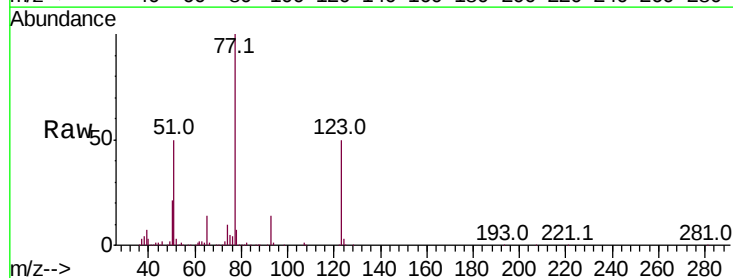
Tgt Ion: 77 Resp: 552730

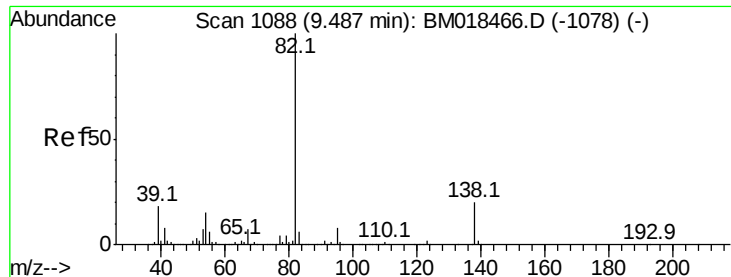
Ion Ratio Lower Upper

77 100

123 49.6 37.7 56.5

65 14.0 11.0 16.6





#25

Isophorone

Concen: 40.390 ng

RT: 9.46 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

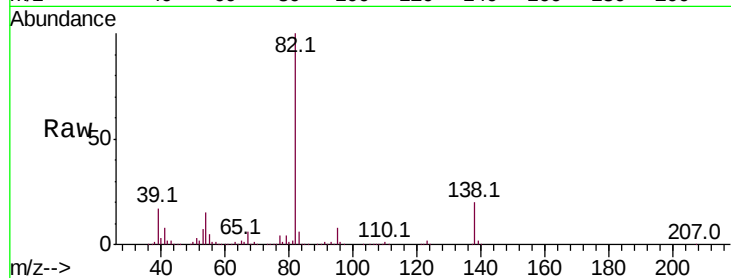
Tot Ion: 82 Resp: 995217

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

138 20.2 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) (-)

9.46

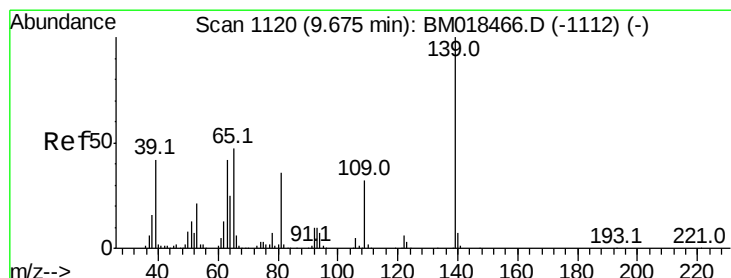
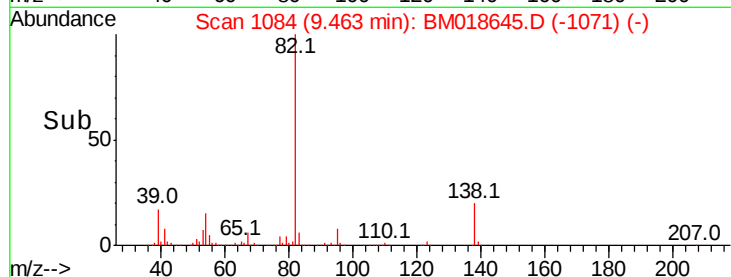
600000

400000

200000

0

Time--> 9.35 9.40 9.45 9.50 9.55



#26

2-Nitrophenol

Concen: 39.695 ng

RT: 9.65 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

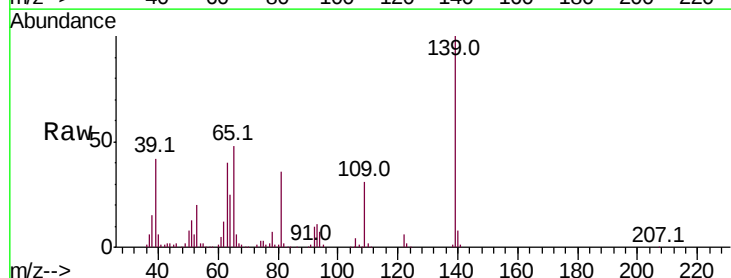
Tgt Ion: 139 Resp: 307304

Ion Ratio Lower Upper

139 100

109 31.4 23.4 35.2

65 48.3 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) (-)

9.65

250000

200000

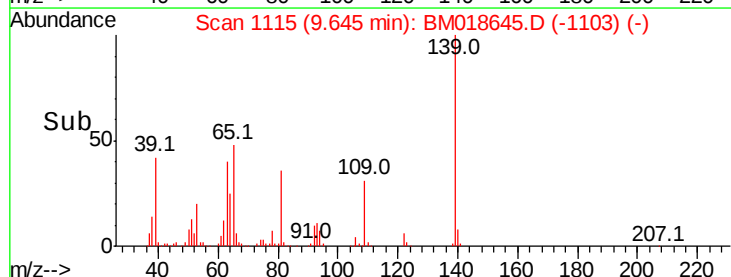
150000

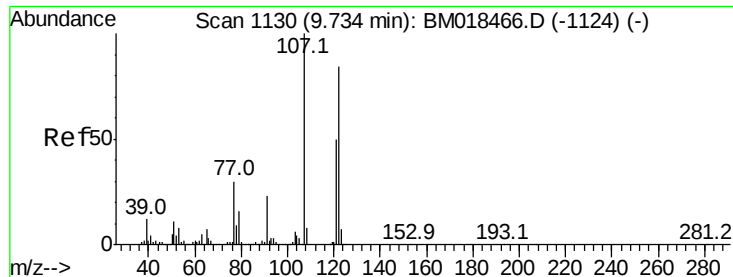
100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75

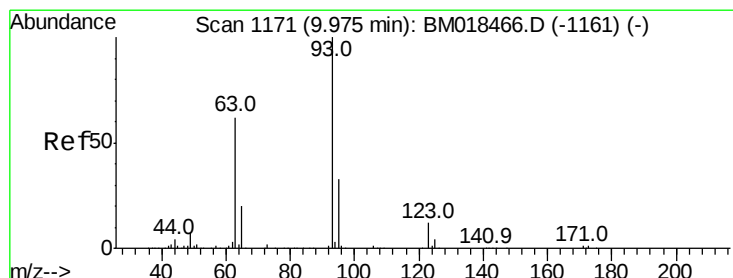
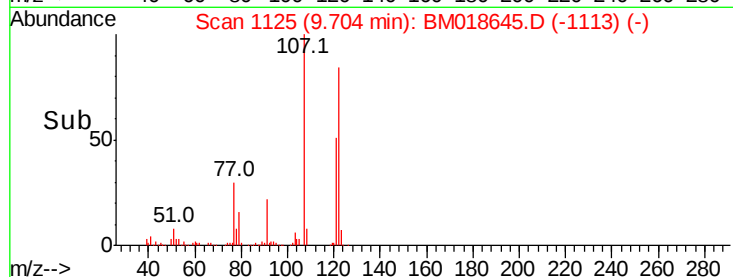
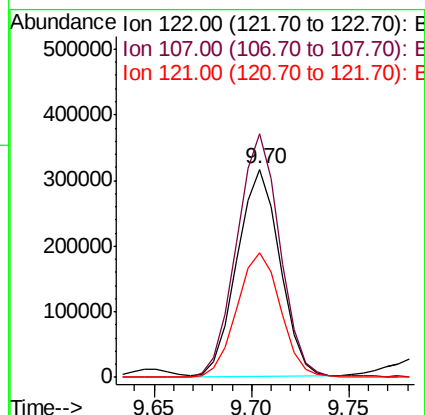
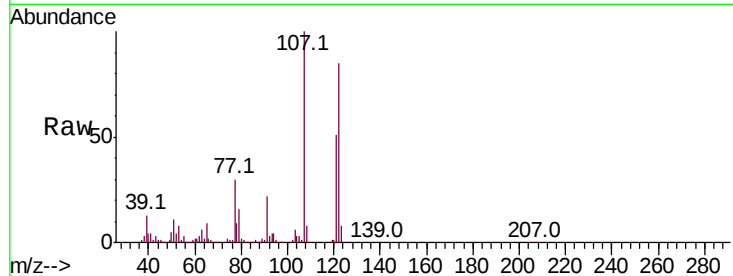




#27
2,4-Dimethylphenol
Concen: 41.318 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

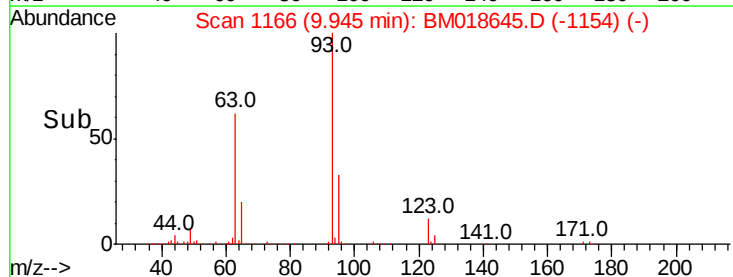
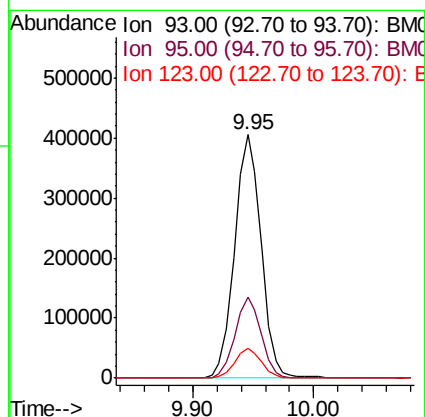
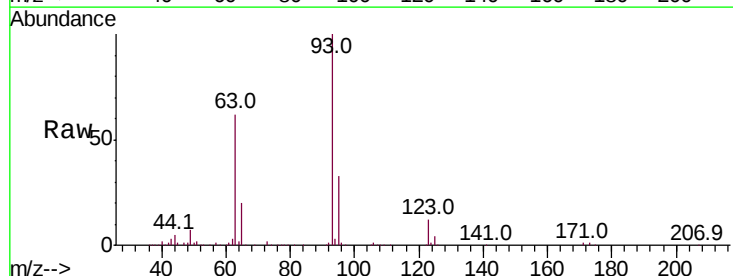
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

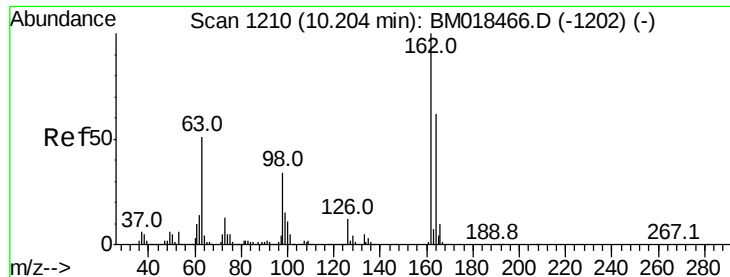
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	91.9	137.9
121	60.0	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 36.487 ng
RT: 9.95 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.1	9.9	14.9

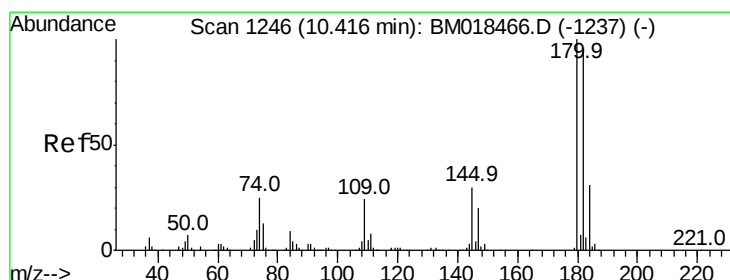
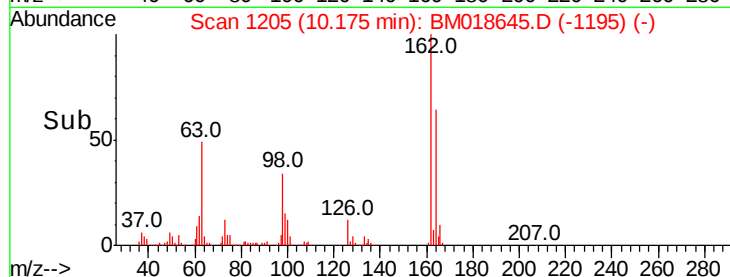
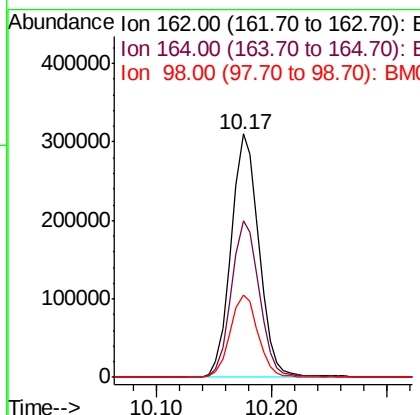
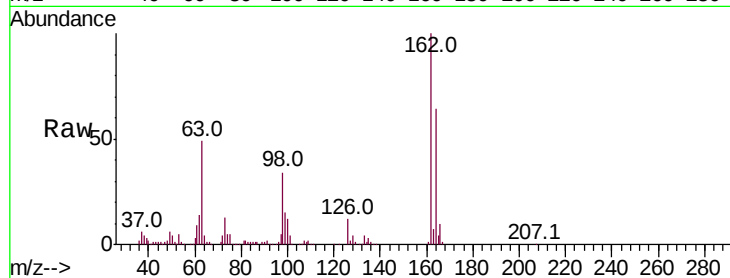




#29
 2,4-Dichlorophenol
 Concen: 37.664 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.04 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

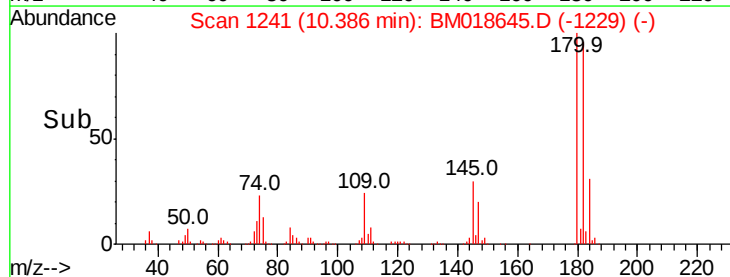
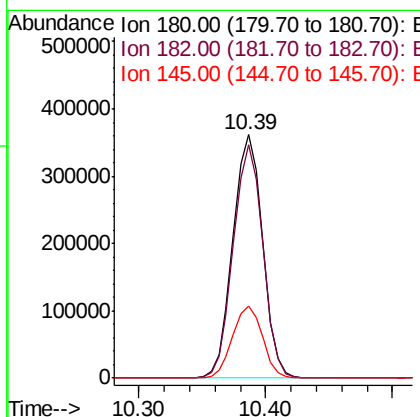
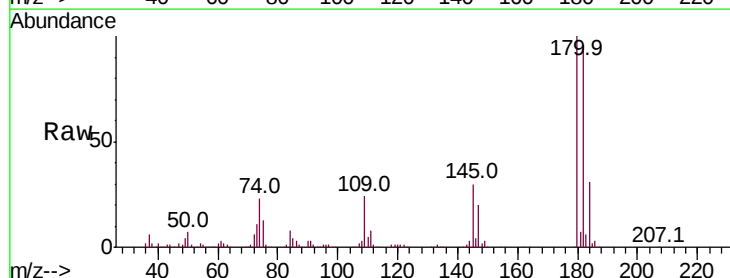
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MSD

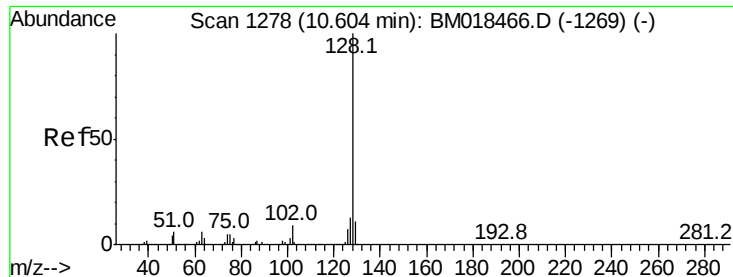
Tot Ion:	162	Resp:	520413
Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.6	85.6
98	33.9	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 34.103 ng
 RT: 10.39 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion:	180	Resp:	584884
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.4	116.2
145	29.9	24.6	37.0

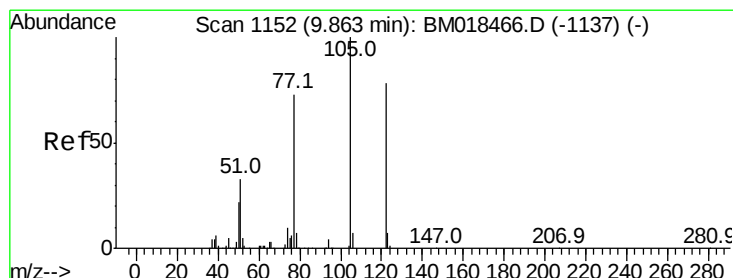
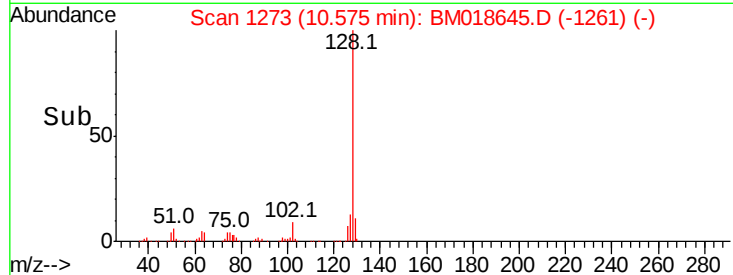
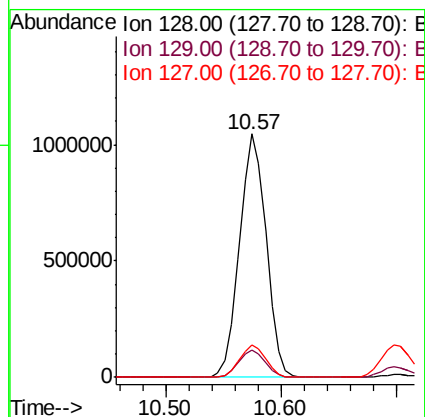
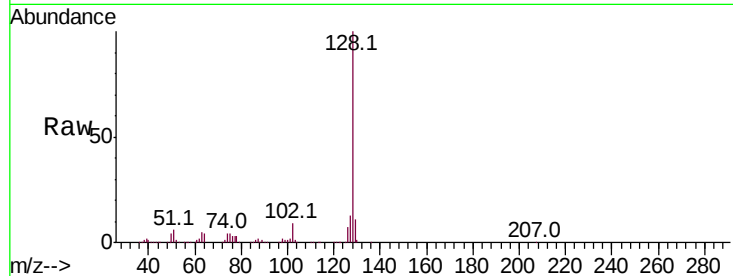




#31
Naphthalene
Concen: 36.894 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

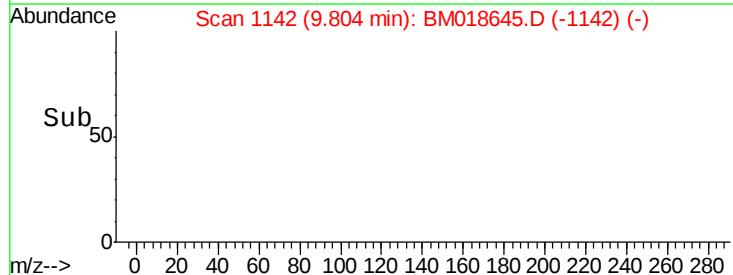
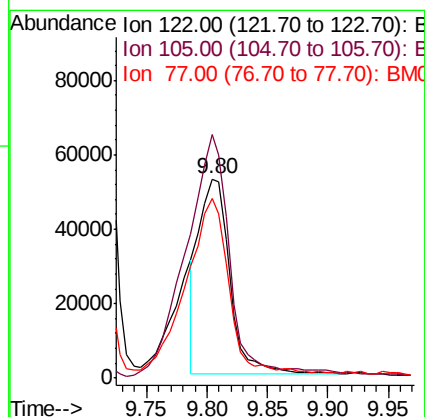
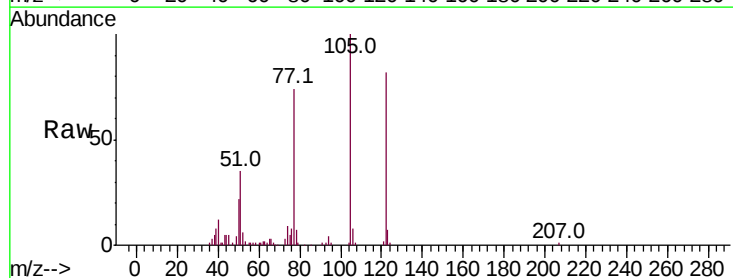
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

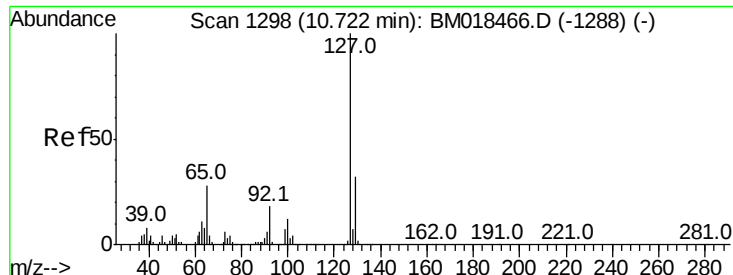
Tot Ion:128 Resp: 1676079
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 16.783 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.10 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:122 Resp: 92910
Ion Ratio Lower Upper
122 100
105 122.2 100.4 140.4
77 89.8 71.7 111.7

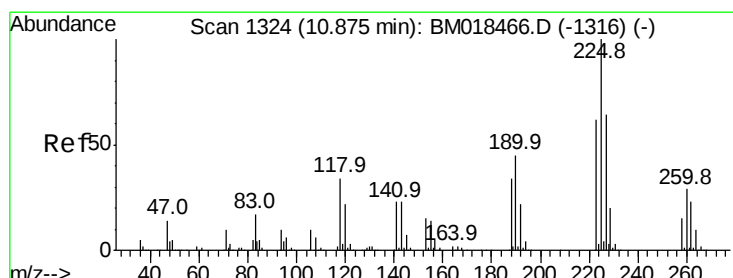
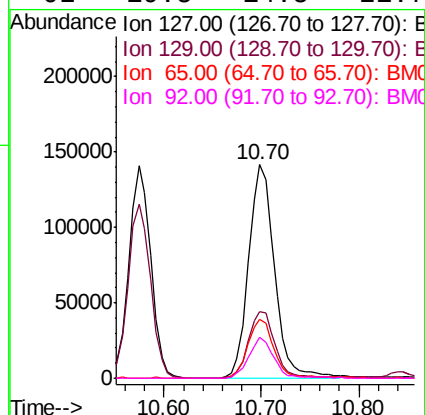
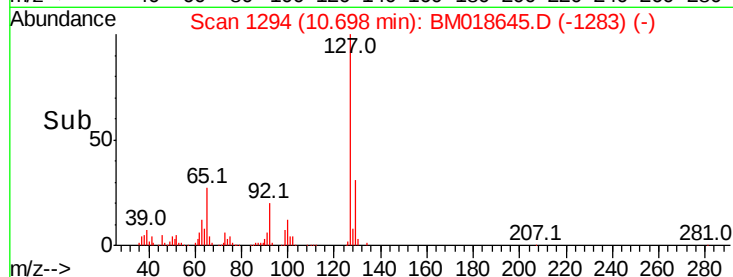
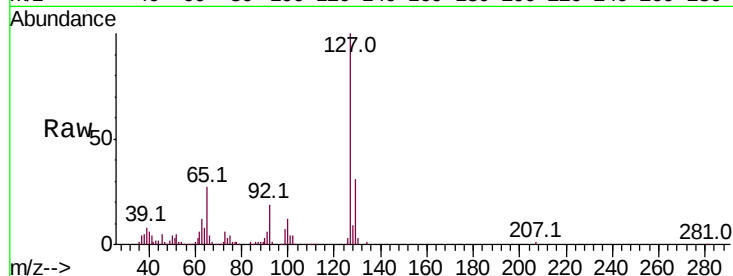




#33
4-Chloroaniline
Concen: 14.663 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

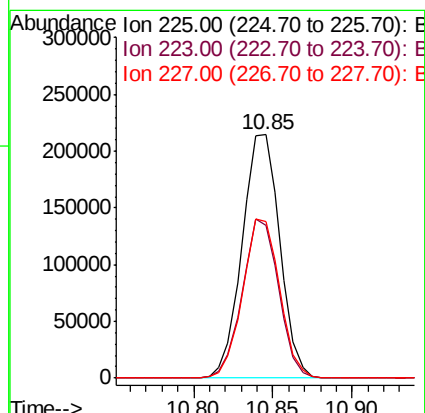
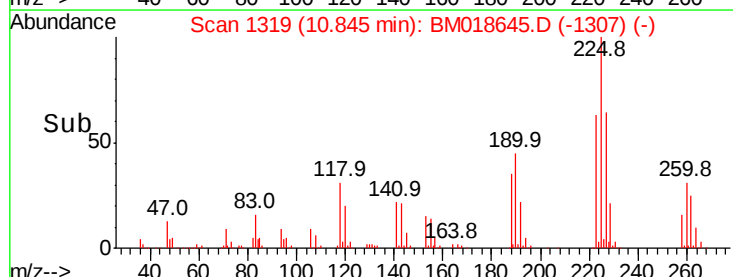
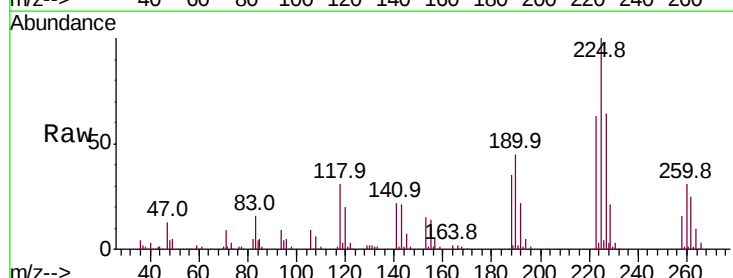
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

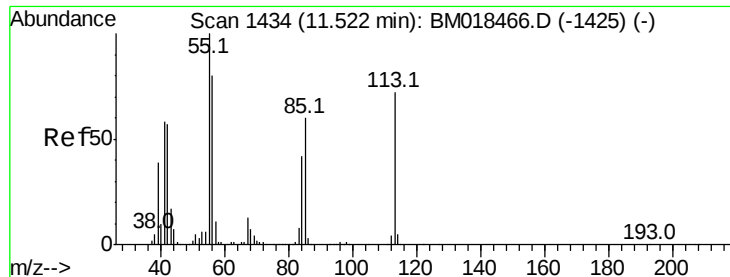
Tot Ion:127	Resp:	262333
Ion Ratio	Lower	Upper
127	100	
129	31.1	25.9 38.9
65	27.4	23.4 35.2
92	19.5	14.5 21.7



#34
Hexachlorobutadiene
Concen: 32.702 ng
RT: 10.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:225	Resp:	354320
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.8 76.2
227	64.3	50.4 75.6





#35

Caprolactam

Concen: 31.123 ng

RT: 11.50 min Scan# 1431

Delta R.T. -0.04 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

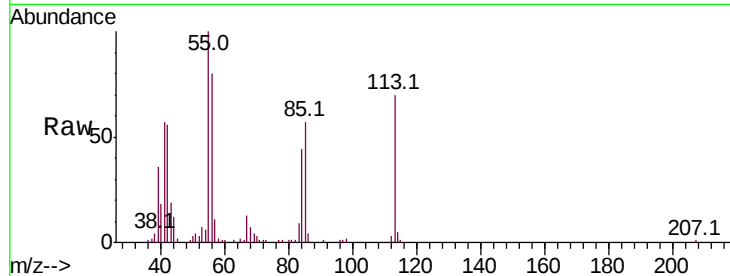
Tot Ion:113 Resp: 146206

Ion Ratio Lower Upper

113 100

55 143.8 139.3 179.3

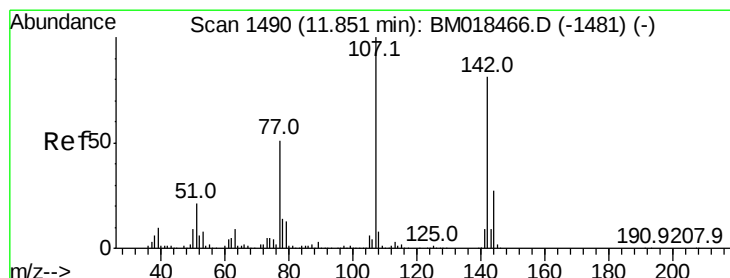
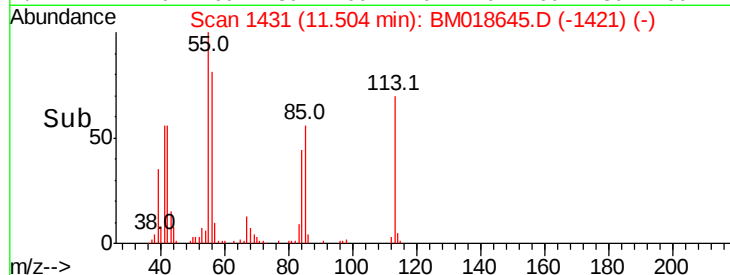
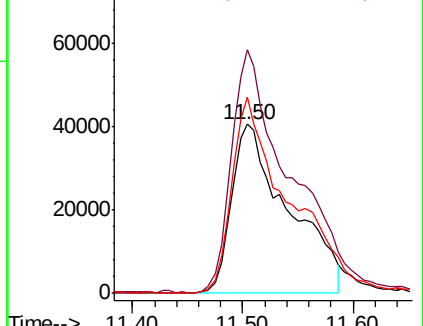
56 115.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 36.754 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

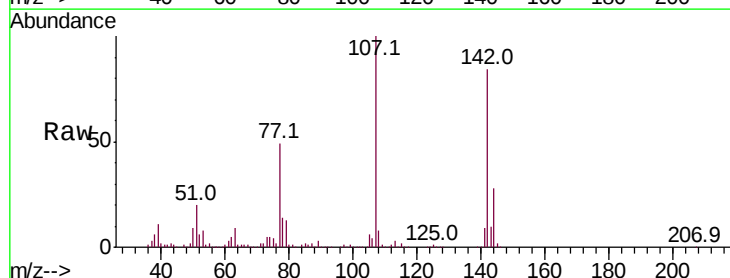
Tgt Ion:107 Resp: 532794

Ion Ratio Lower Upper

107 100

144 27.7 21.9 32.9

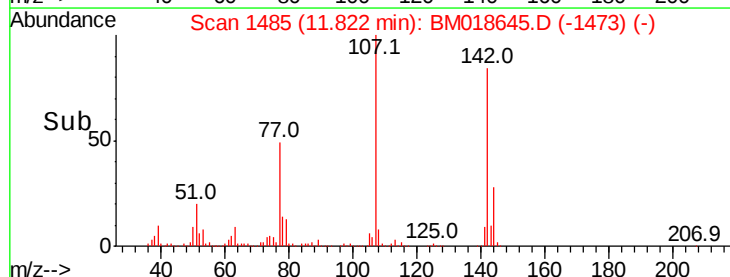
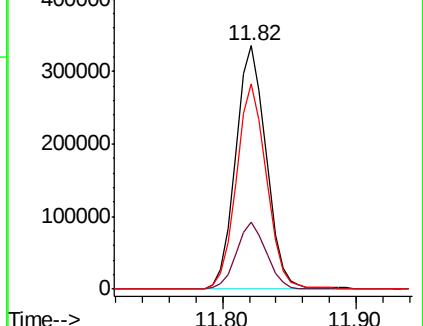
142 84.2 67.9 101.9

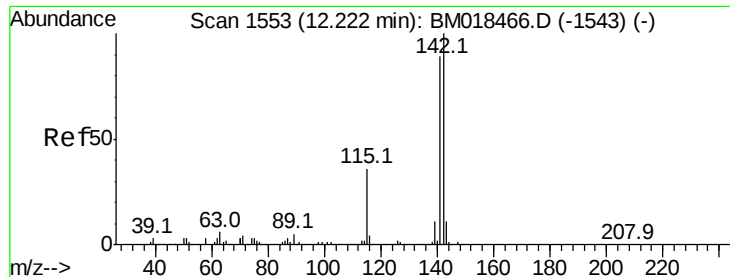


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

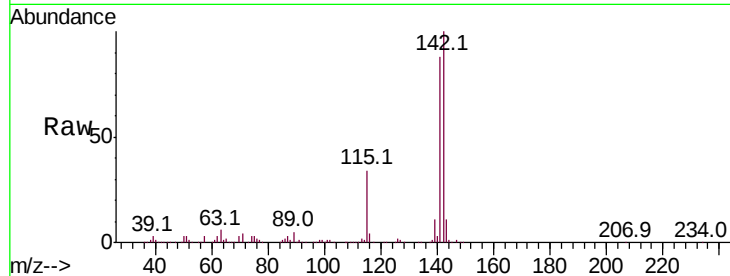




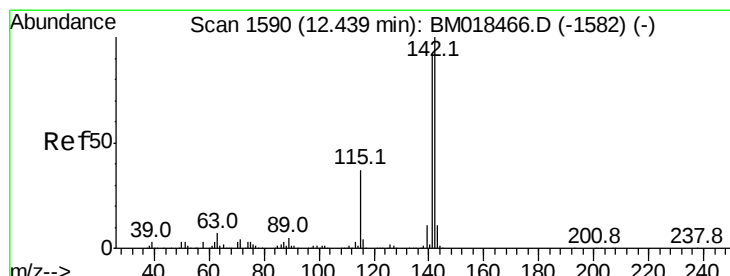
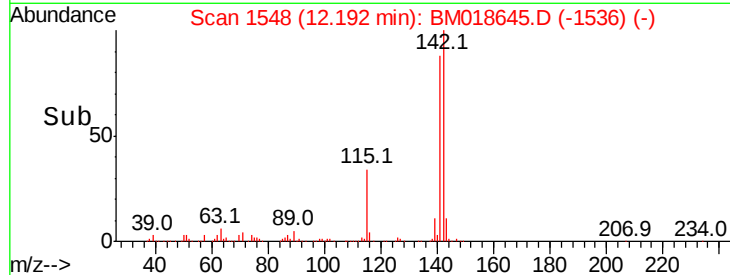
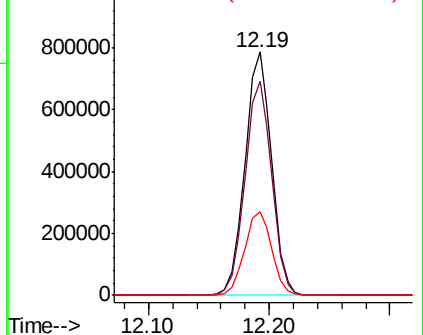
#37
 2-Methylnaphthalene
 Concen: 37.744 ng
 RT: 12.19 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

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

Tot Ion:142 Resp: 1211475
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.4 107.2
 115 34.1 28.0 42.0

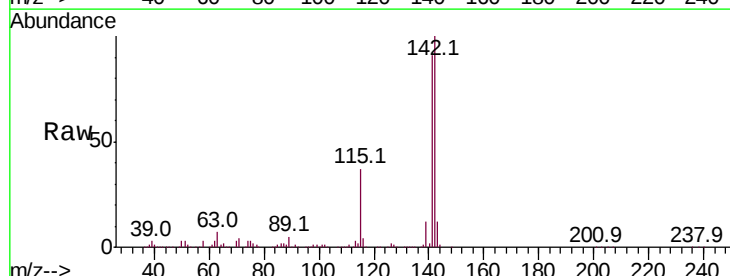


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

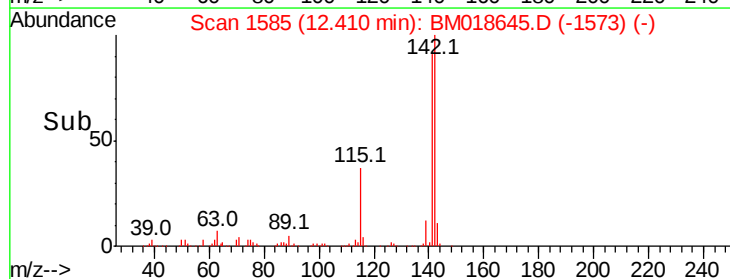
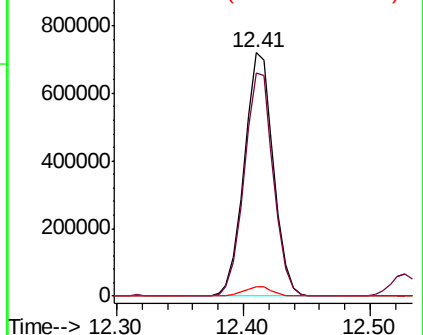


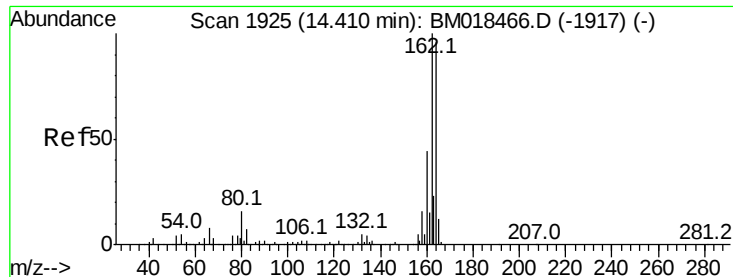
#38
 1-Methylnaphthalene
 Concen: 36.781 ng
 RT: 12.41 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion:142 Resp: 1142297
 Ion Ratio Lower Upper
 142 100
 141 91.4 75.6 113.4
 116 3.6 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

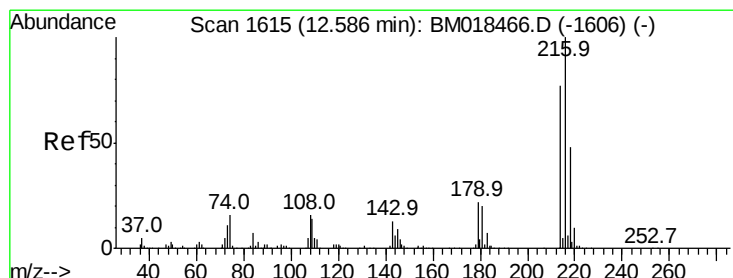
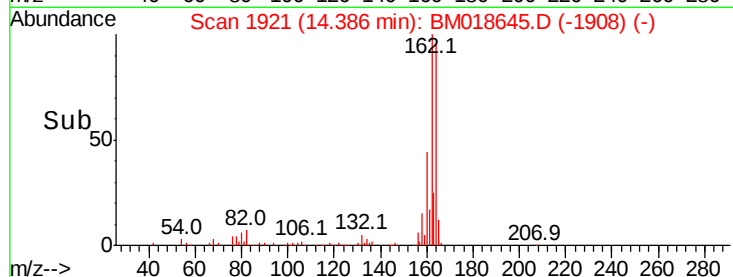
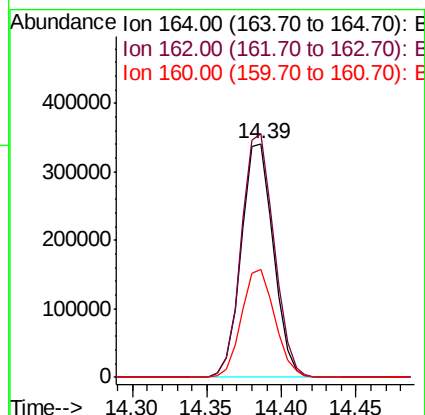
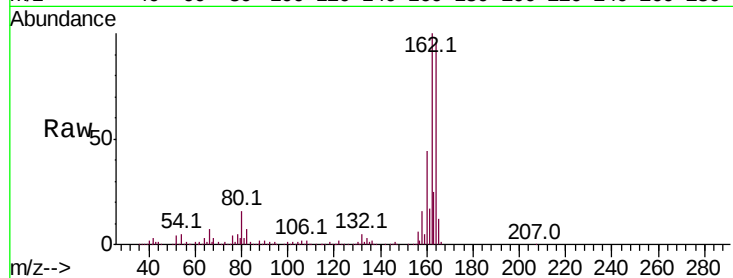




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

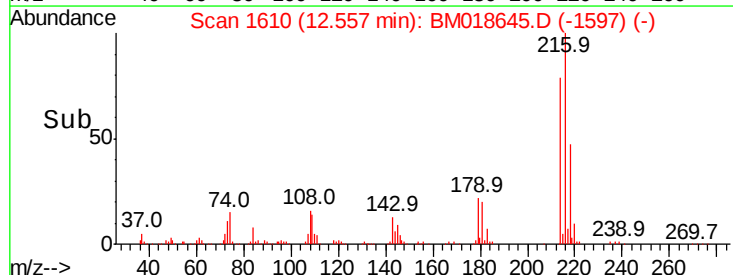
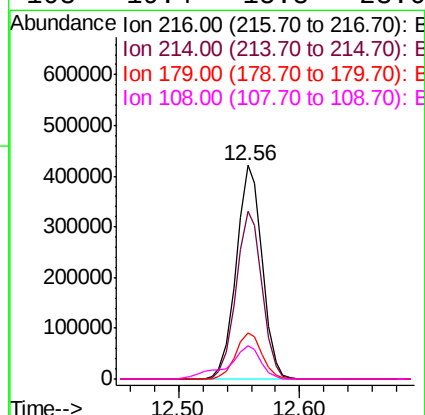
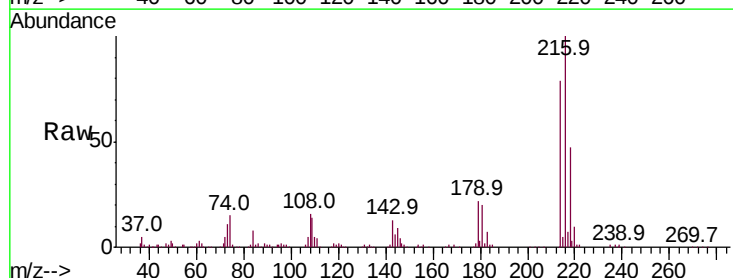
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MSD

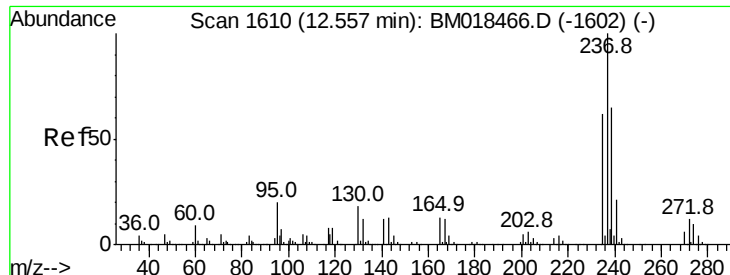
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	46.0	37.1	55.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.480 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.0
179	21.6	17.9	26.9
108	19.4	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 80.869 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.03 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

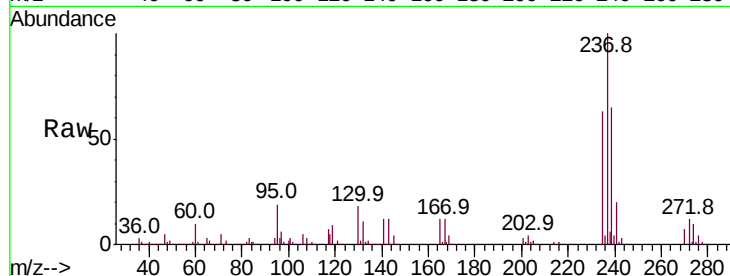
Tot Ion:237 Resp: 789253

Ion Ratio Lower Upper

237 100

235 63.4 42.8 82.8

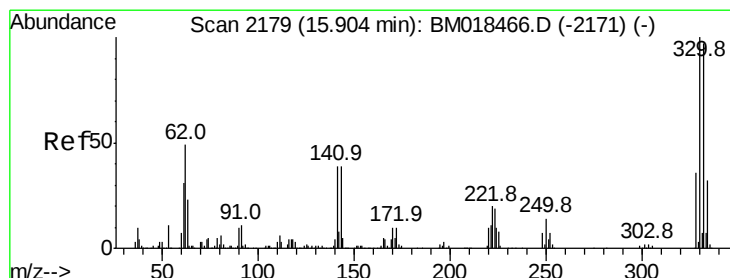
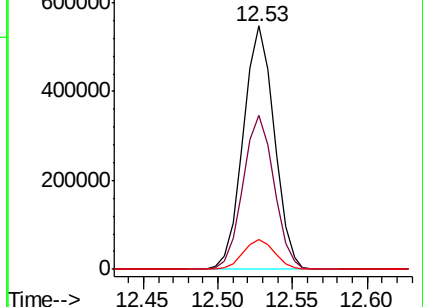
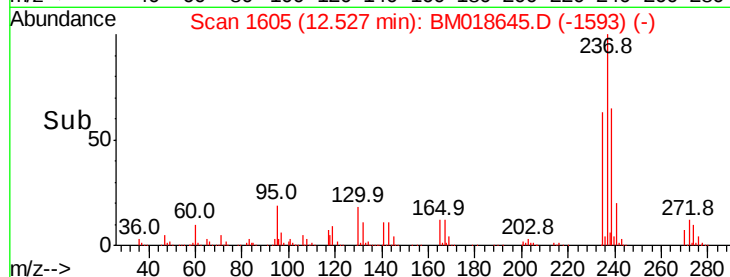
272 12.5 0.0 31.9



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: 116.959 ng

RT: 15.88 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

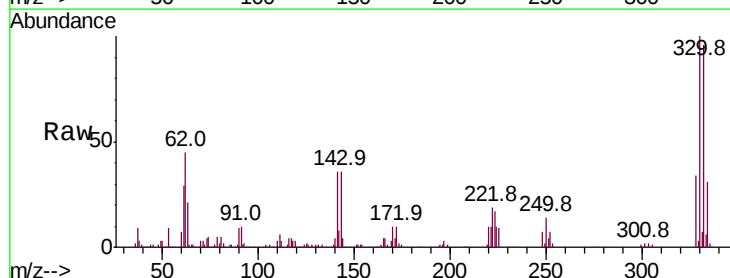
Tgt Ion:330 Resp: 757290

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

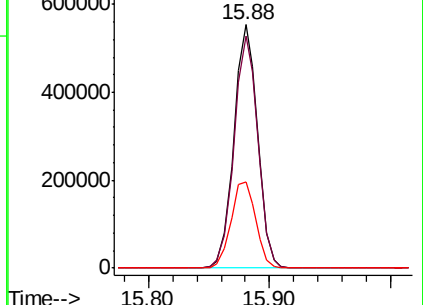
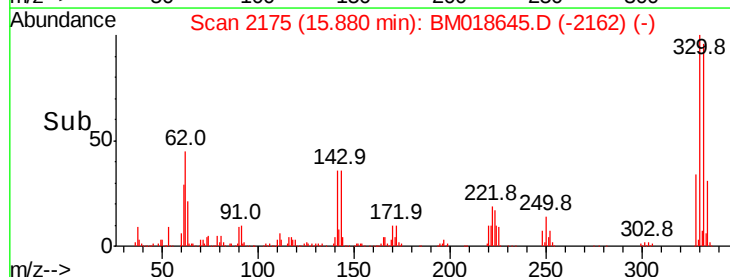
141 37.4 31.7 47.5

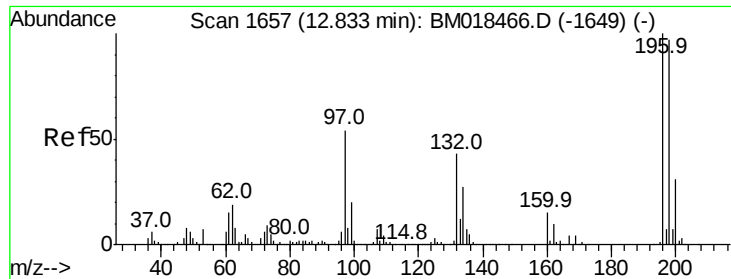


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

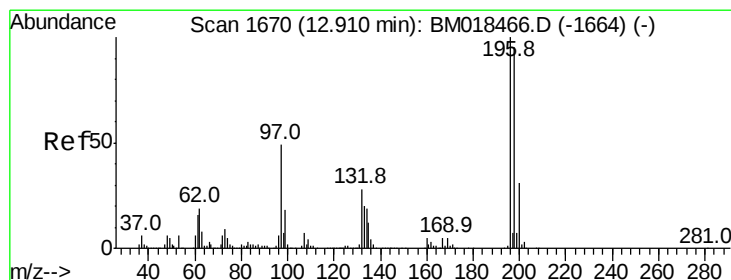
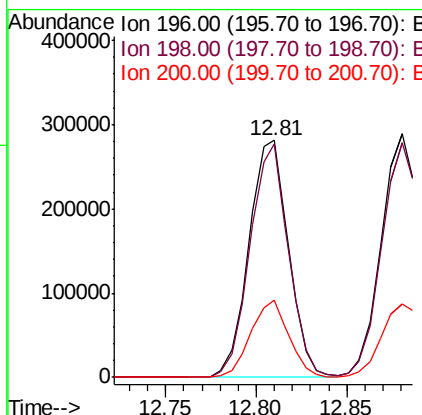
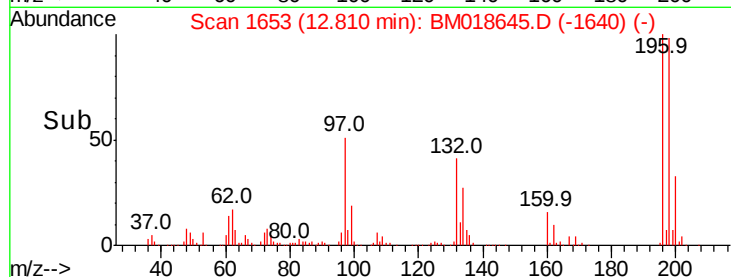
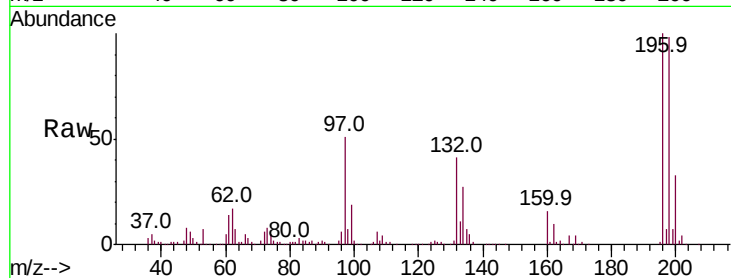




#43
 2,4,6-Trichlorophenol
 Concen: 39.515 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

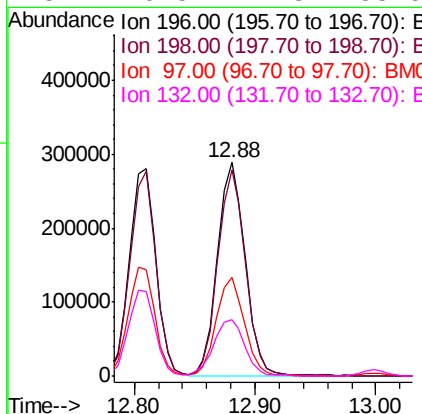
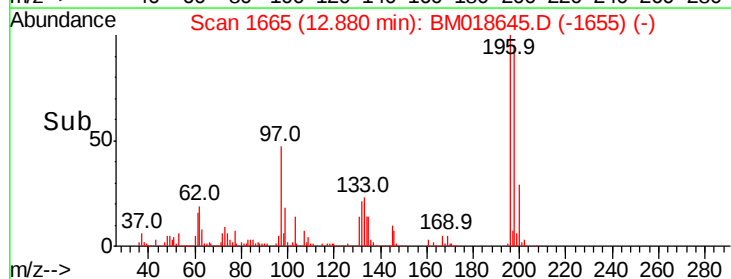
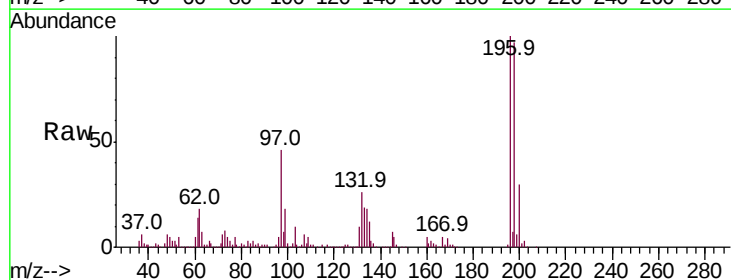
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MSD

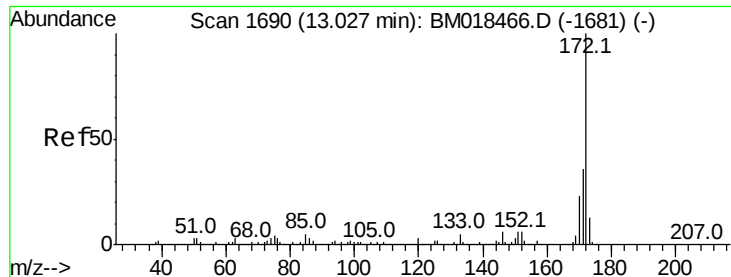
Tot Ion:196 Resp: 426704
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.6 115.0
 200 32.7 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.036 ng
 RT: 12.88 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion:196 Resp: 454685
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.7 115.1
 97 46.0 39.2 58.8
 132 26.5 22.3 33.5

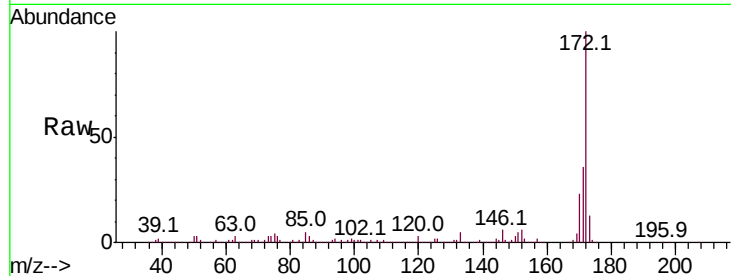




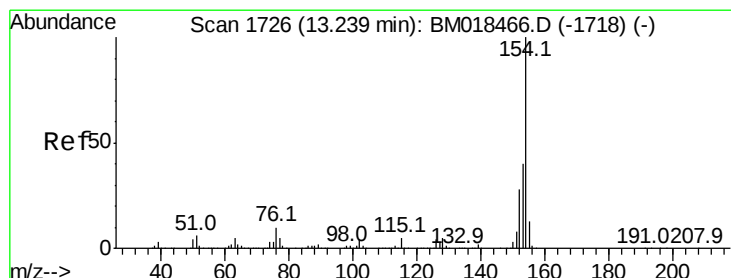
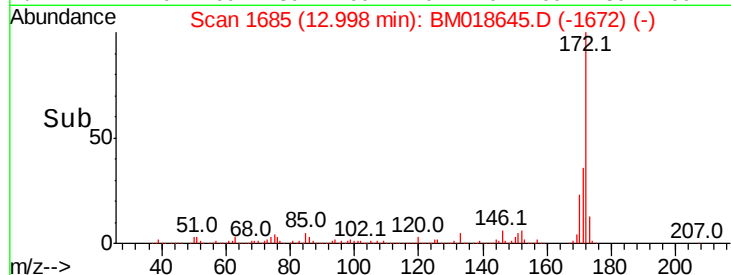
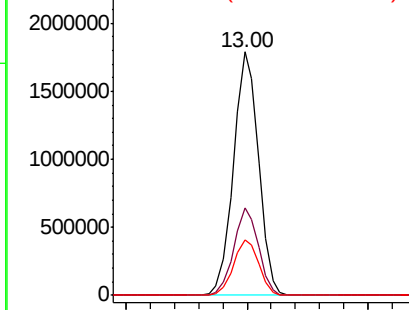
#45
2-Fluorobiphenyl
Concen: 66.352 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion:172 Resp: 2585780
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 22.8 18.9 28.3

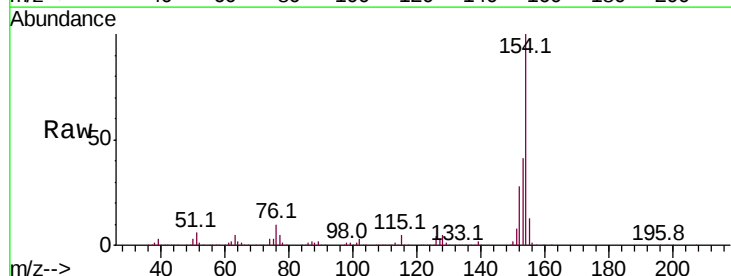


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

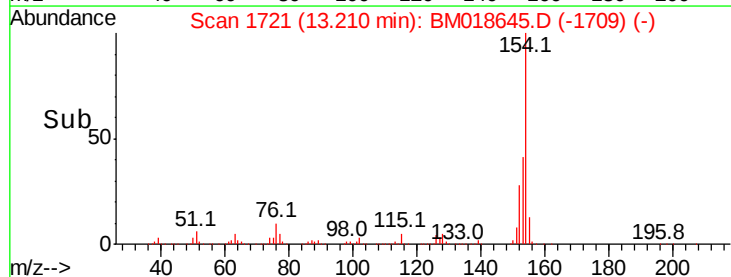
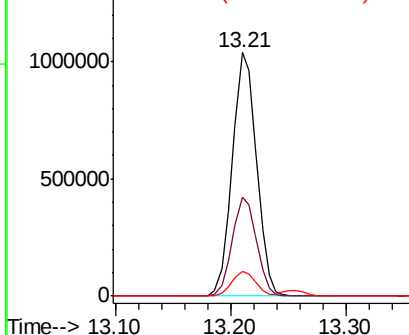


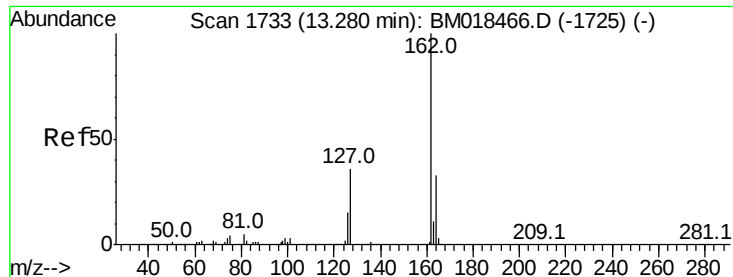
#46
1,1'-Biphenyl
Concen: 33.948 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:154 Resp: 1507334
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 10.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

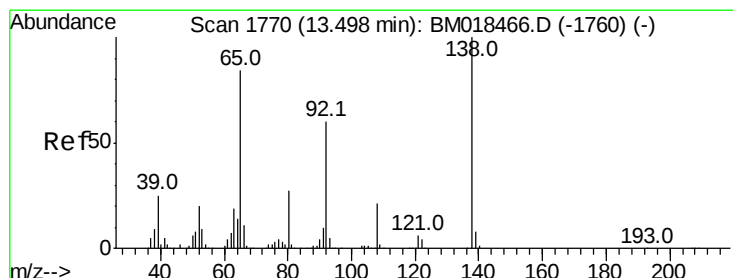
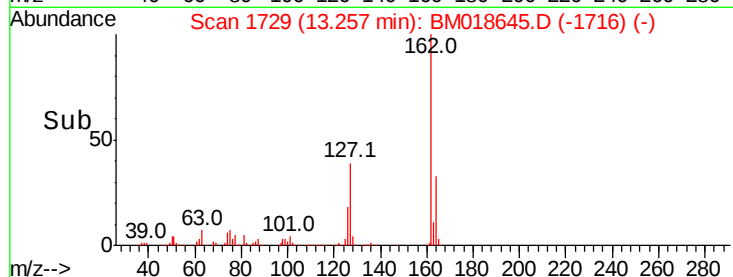
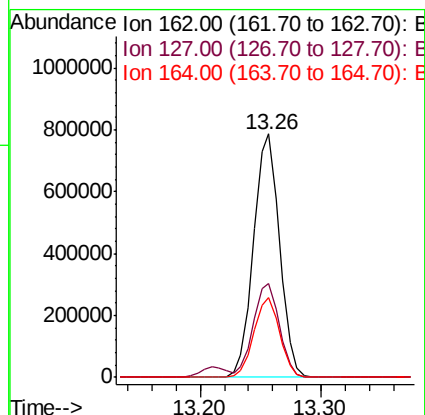
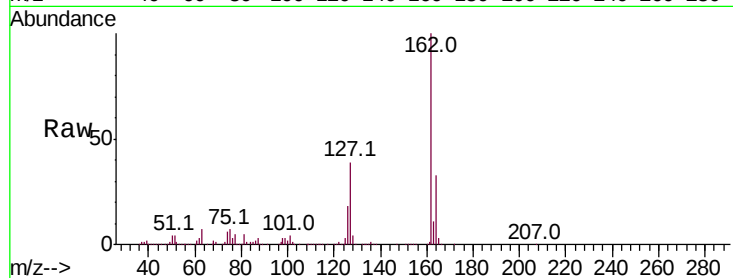




#47
2-Chloronaphthalene
Concen: 34.392 ng
RT: 13.26 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

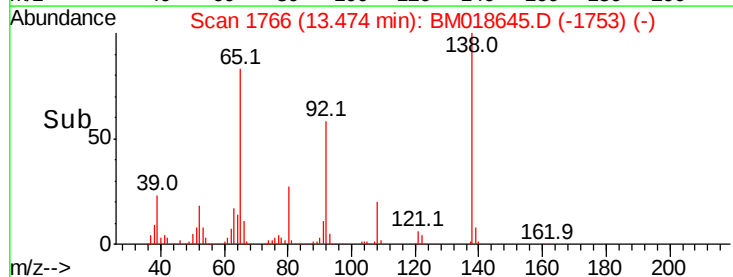
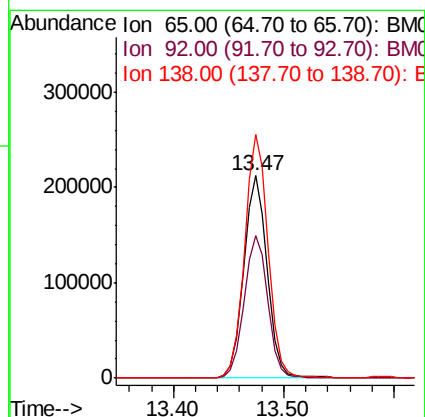
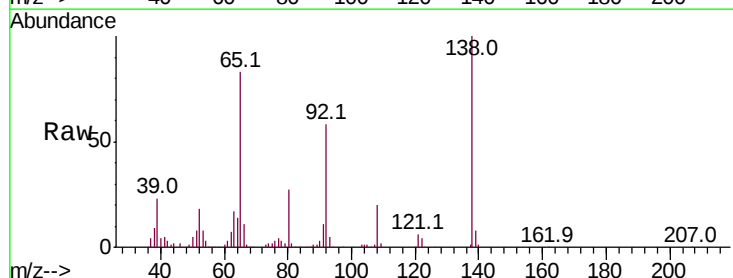
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

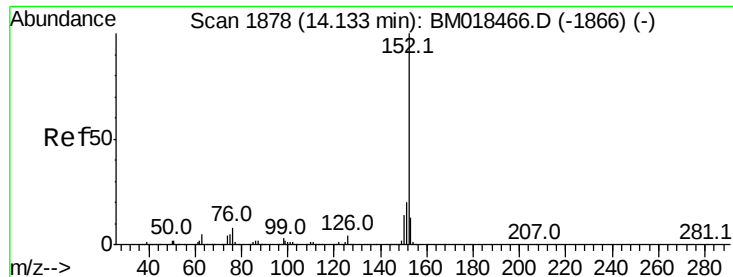
Tot Ion:162 Resp: 1184149
Ion Ratio Lower Upper
162 100
127 38.8 31.4 47.0
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 37.478 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion: 65 Resp: 317470
Ion Ratio Lower Upper
65 100
92 70.3 53.4 80.2
138 120.3 88.9 133.3





#49

Acenaphthylene

Concen: 37.724 ng

RT: 14.11 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

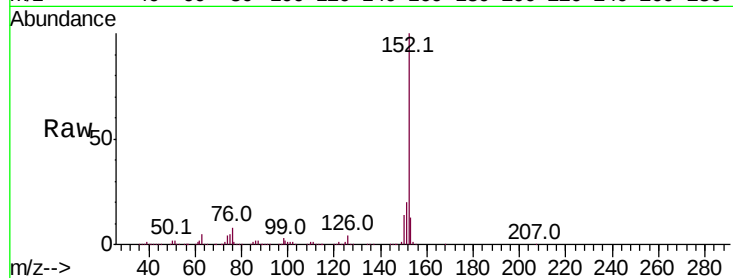
Tot Ion:152 Resp: 1892900

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

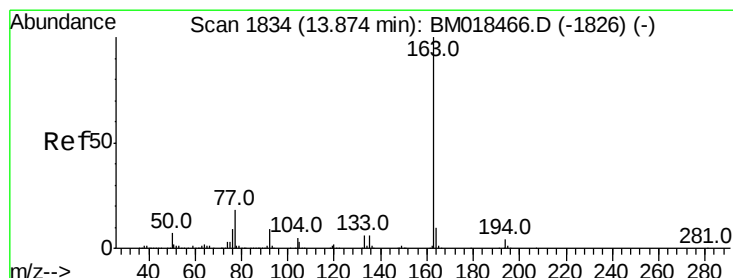
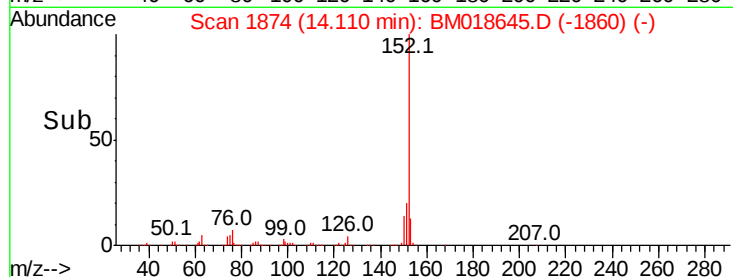
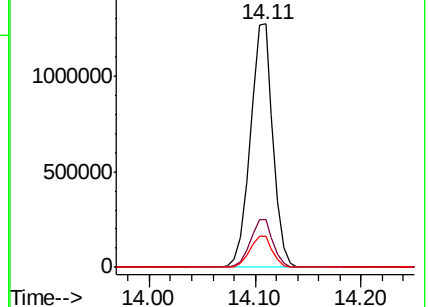
153 12.8 10.5 15.7



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: 42.807 ng

RT: 13.85 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

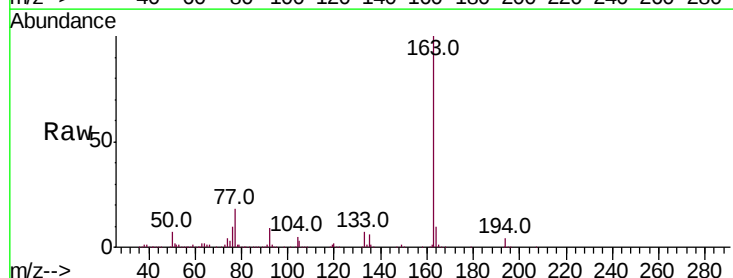
Tgt Ion:163 Resp: 1787749

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

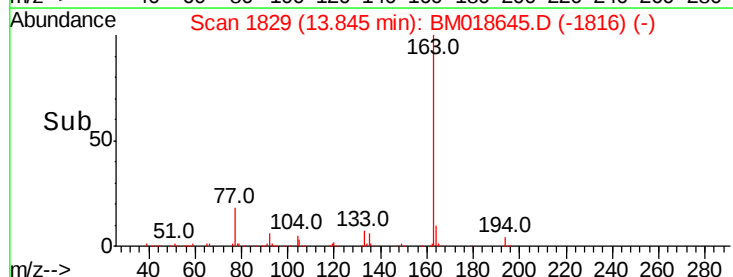
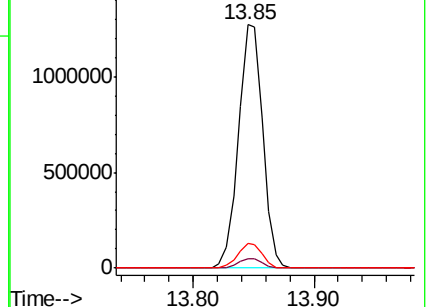
164 10.2 7.8 11.8

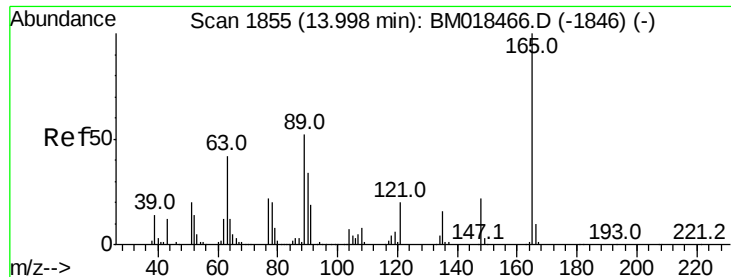


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

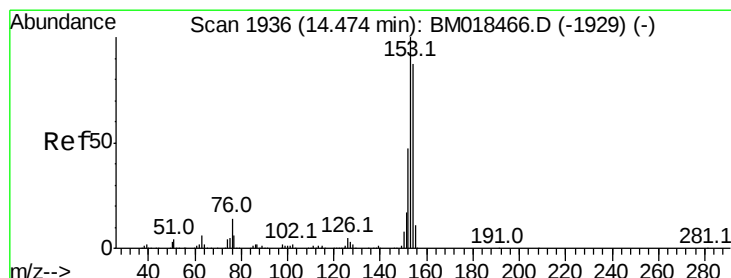
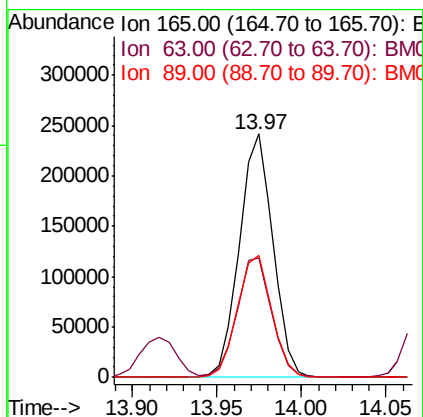
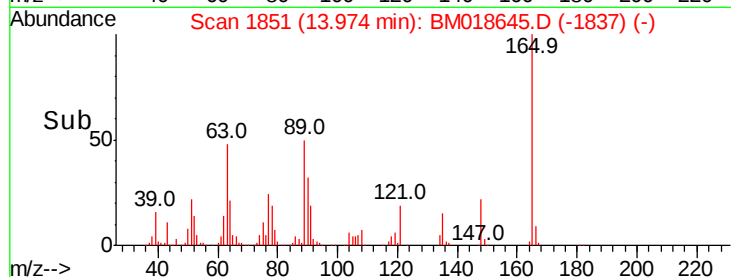
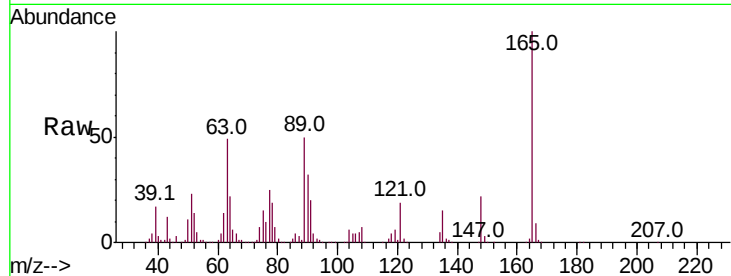




#51
2,6-Dinitrotoluene
Concen: 37.829 ng
RT: 13.97 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

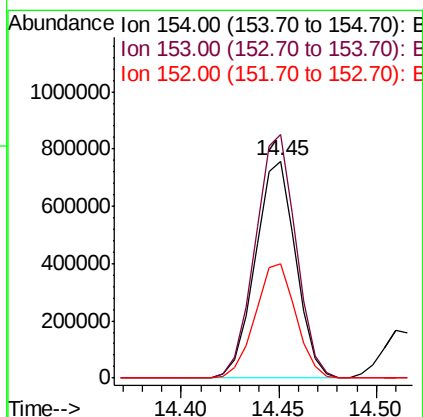
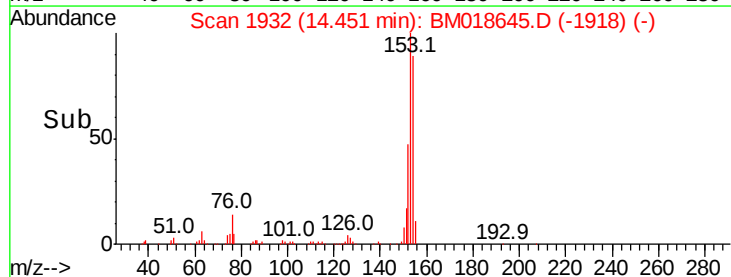
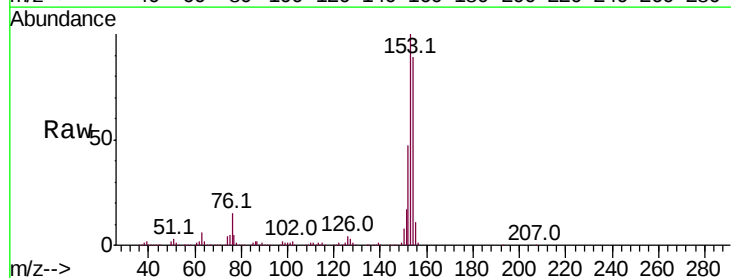
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

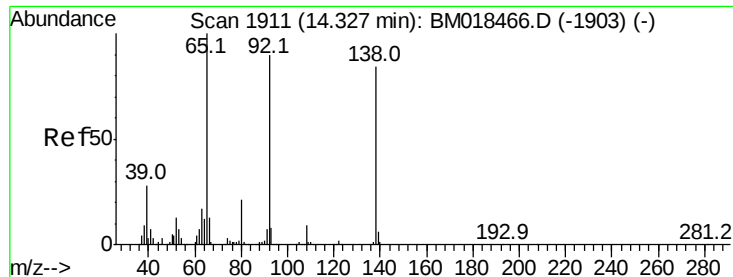
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	45.6	68.4
89	50.1	44.6	66.8



#52
Acenaphthene
Concen: 35.264 ng
RT: 14.45 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	92.3	138.5
152	52.5	43.8	65.6

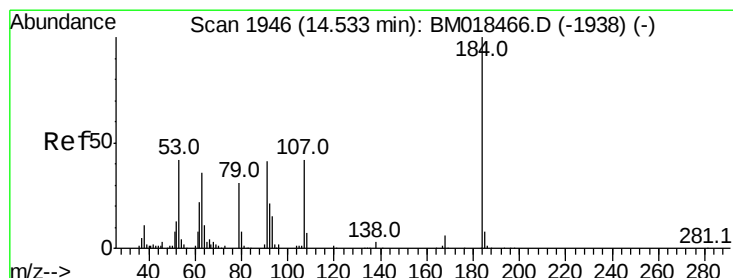
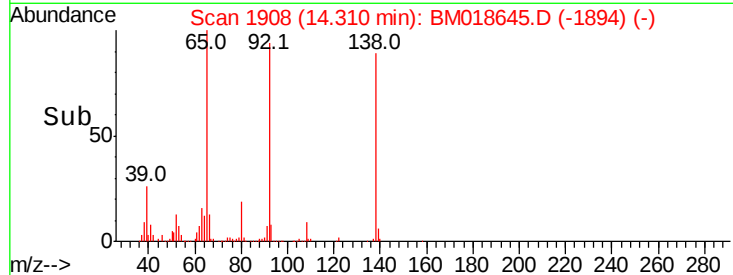
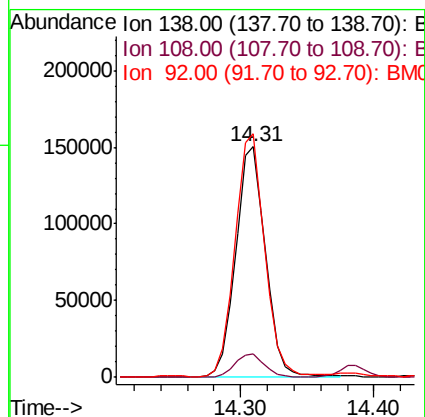
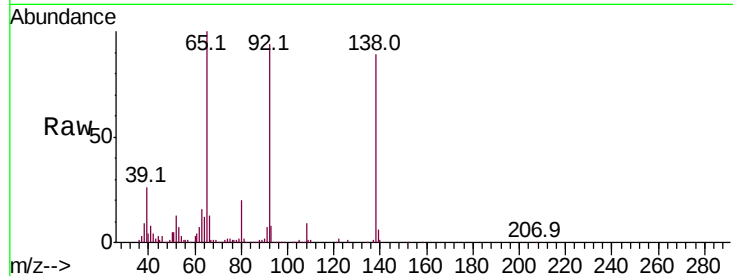




#53
3-Nitroaniline
Concen: 26.154 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

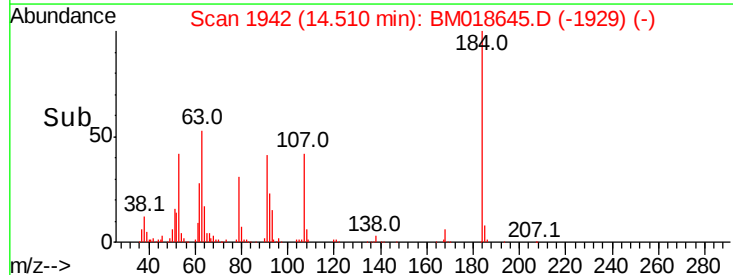
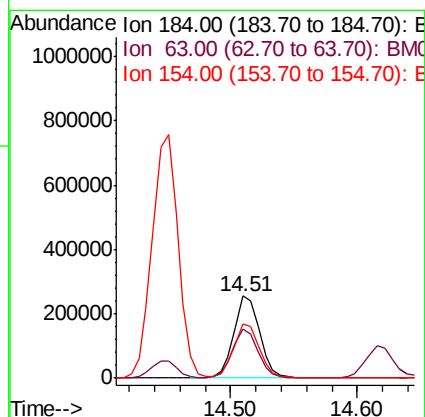
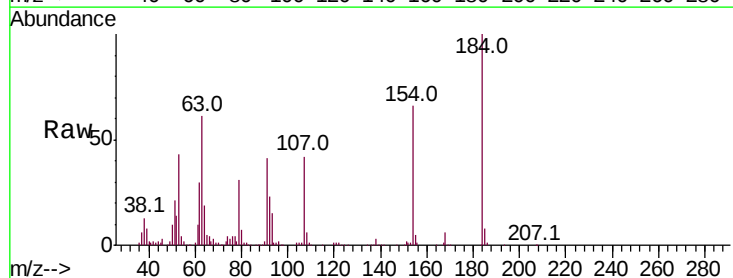
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

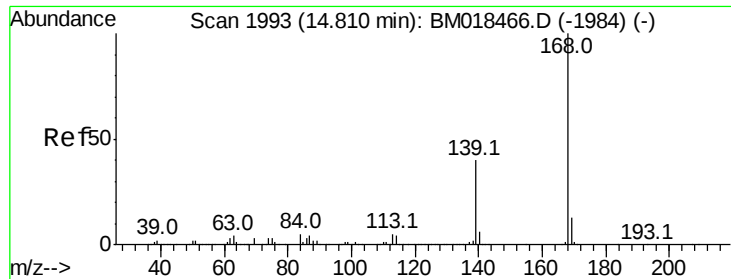
Tot Ion:138 Resp: 233253
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 105.7 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 76.202 ng
RT: 14.51 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:184 Resp: 363132
Ion Ratio Lower Upper
184 100
63 60.6 55.9 83.9
154 66.3 54.2 81.4





#55

Dibenzofuran

Concen: 34.463 ng

RT: 14.79 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

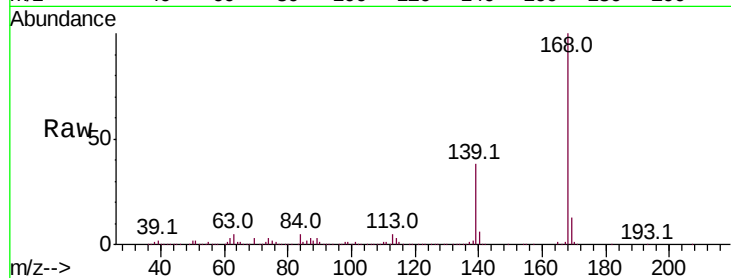
Tot Ion:168 Resp: 1748234

Ion Ratio Lower Upper

168 100

139 38.2 30.3 45.5

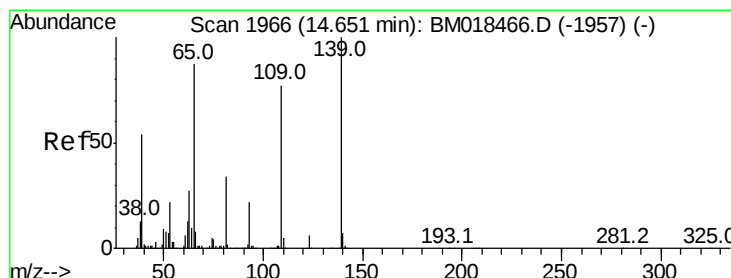
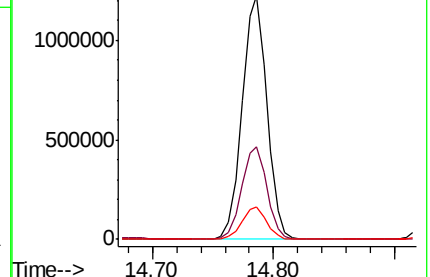
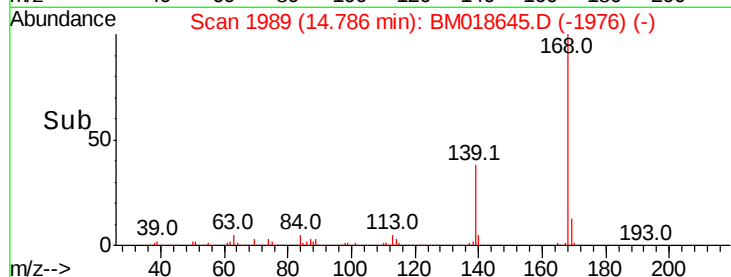
169 13.3 10.6 16.0



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: 76.117 ng

RT: 14.62 min Scan# 1960

Delta R.T. -0.04 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

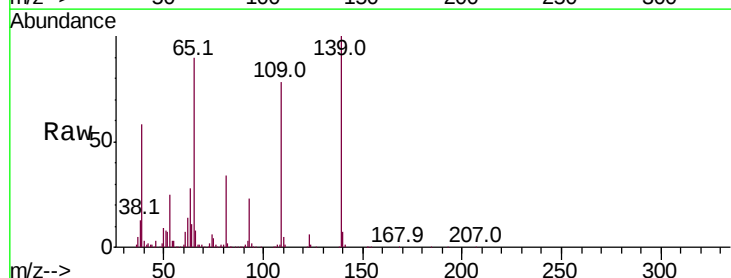
Tgt Ion:139 Resp: 586465

Ion Ratio Lower Upper

139 100

109 78.0 51.7 91.7

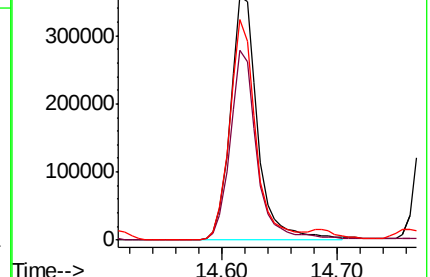
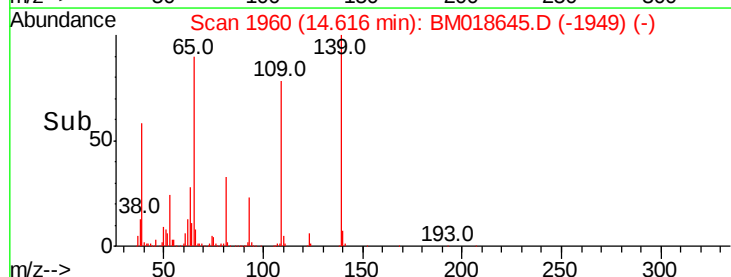
65 90.4 71.4 111.4

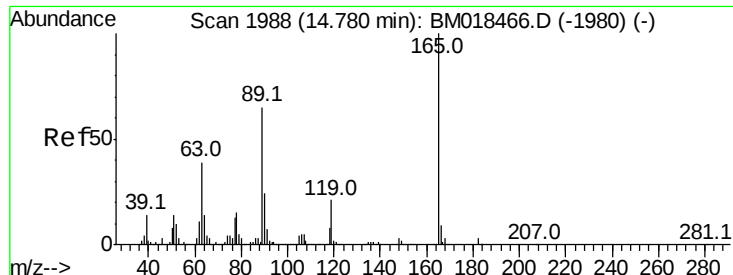


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

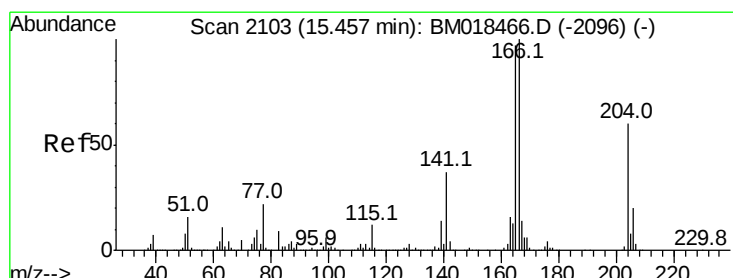
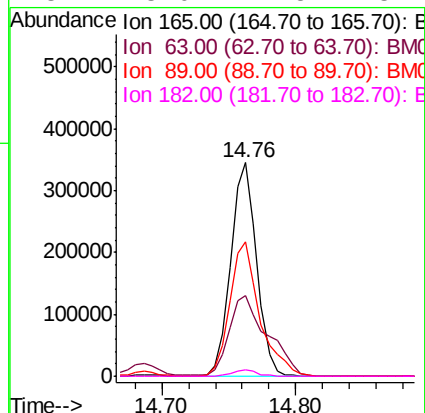
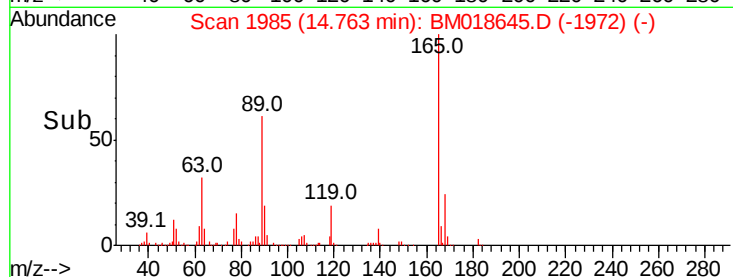
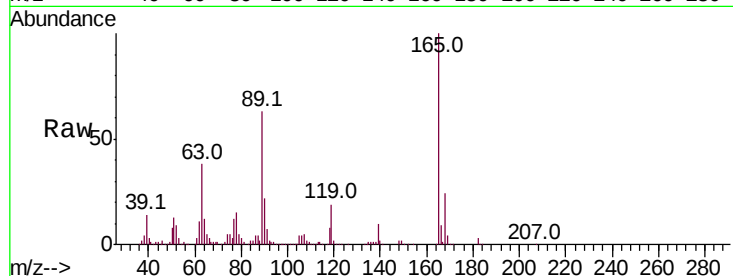




#57
2,4-Dinitrotoluene
Concen: 37.413 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

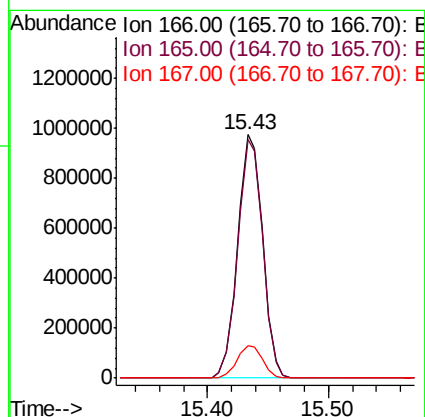
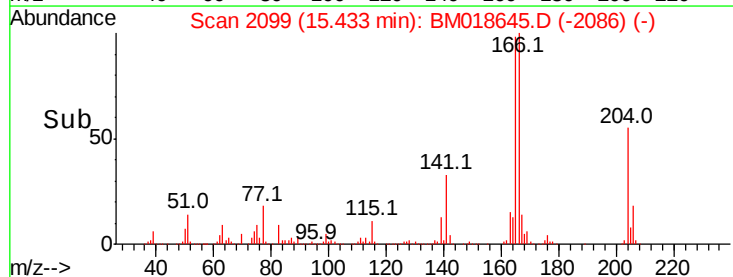
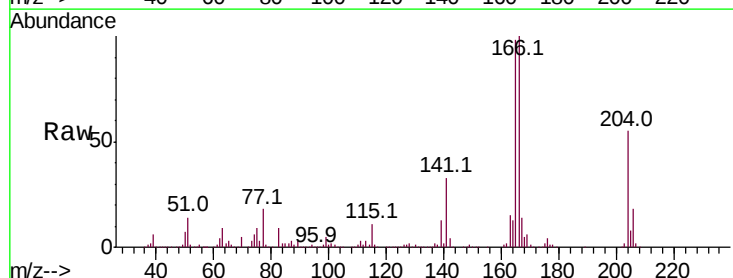
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

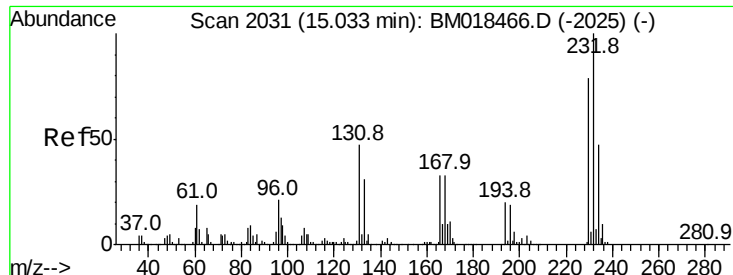
Tot Ion:165	Resp:	468286
Ion	Ratio	Lower Upper
165	100	
63	37.8	32.2 48.2
89	62.8	52.1 78.1
182	3.0	2.5 3.7



#58
Fluorene
Concen: 37.289 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:166	Resp:	1409089
Ion	Ratio	Lower Upper
166	100	
165	97.9	78.3 117.5
167	13.6	10.9 16.3

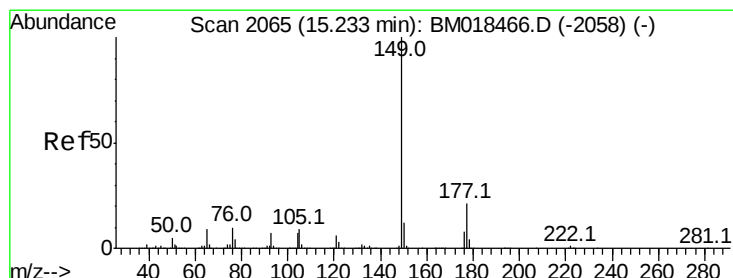
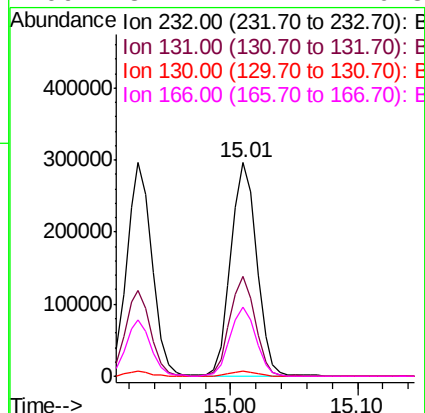
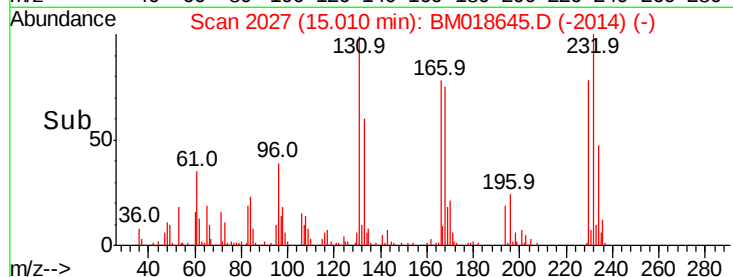
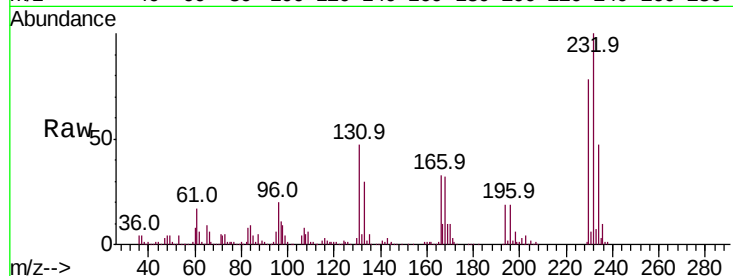




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.286 ng
 RT: 15.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

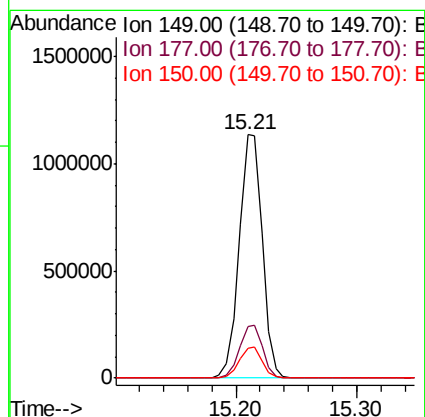
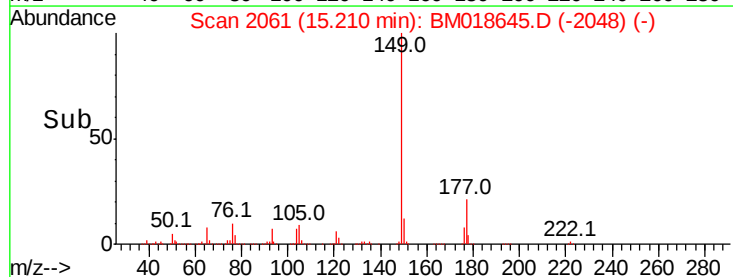
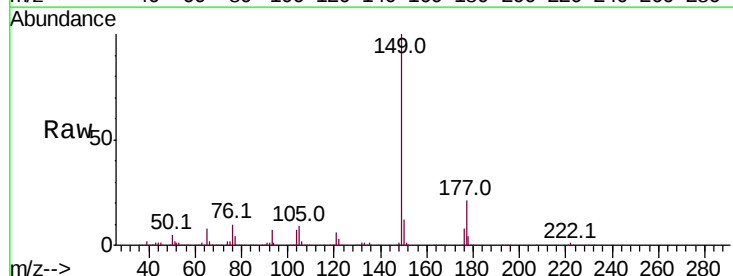
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MSD

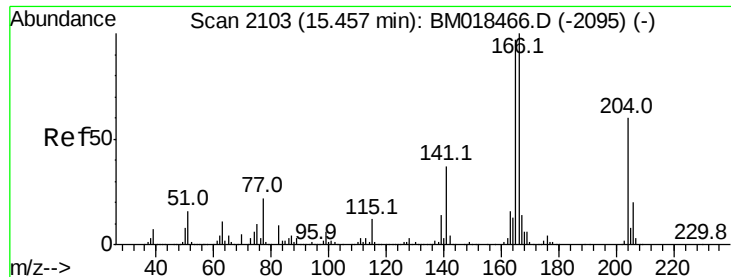
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	38.6	57.8
130	2.5	2.2	3.4
166	32.7	27.2	40.8



#60
 Diethylphthalate
 Concen: 36.016 ng
 RT: 15.21 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.1	25.7
150	12.4	9.8	14.6

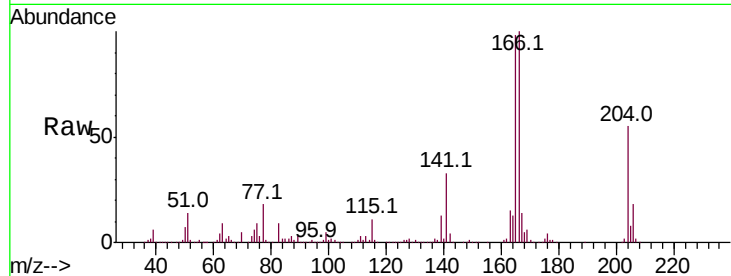




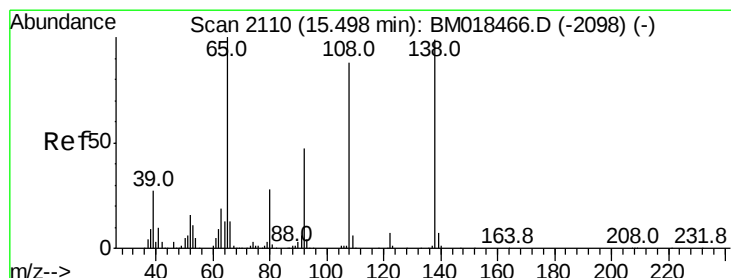
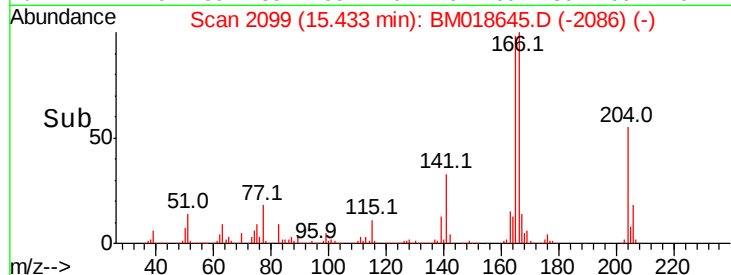
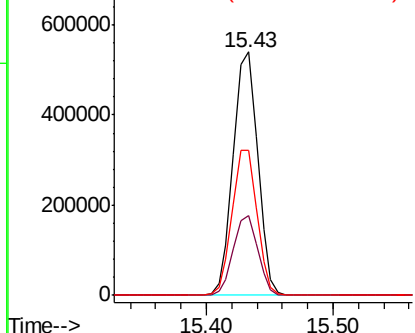
#61
4-Chlorophenyl-phenylether
Concen: 33.284 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion:204 Resp: 724915
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 59.8 49.5 74.3

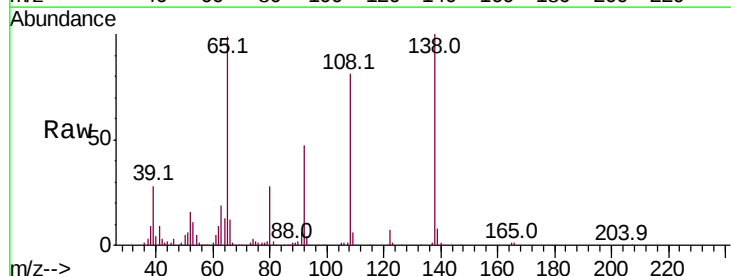


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

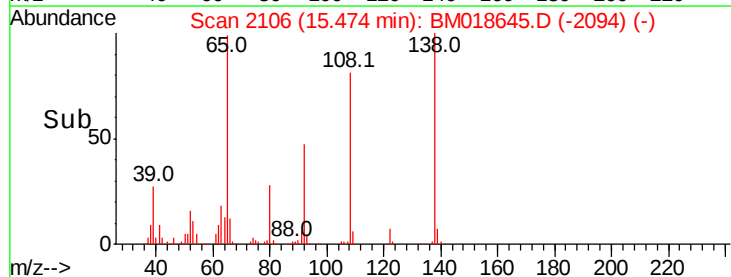
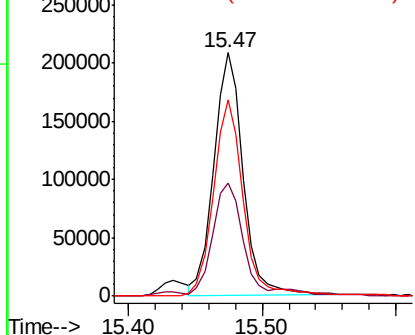


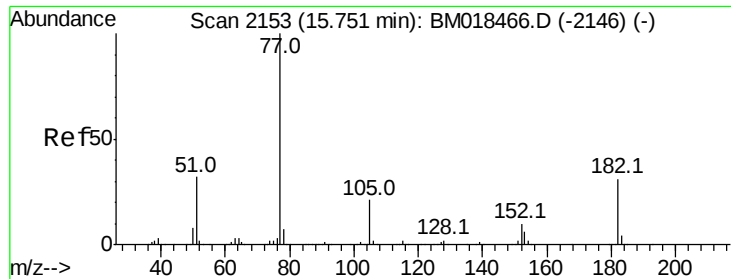
#62
4-Nitroaniline
Concen: 32.744 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:138 Resp: 318533
Ion Ratio Lower Upper
138 100
92 46.7 29.0 69.0
108 80.9 63.9 103.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

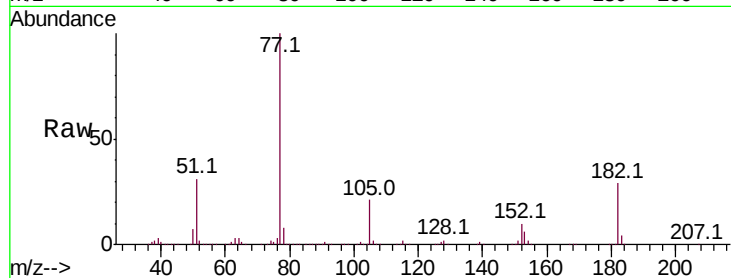




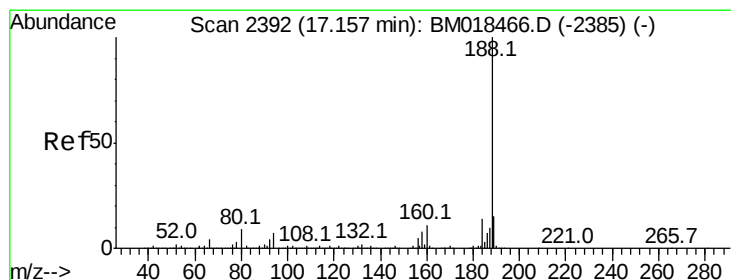
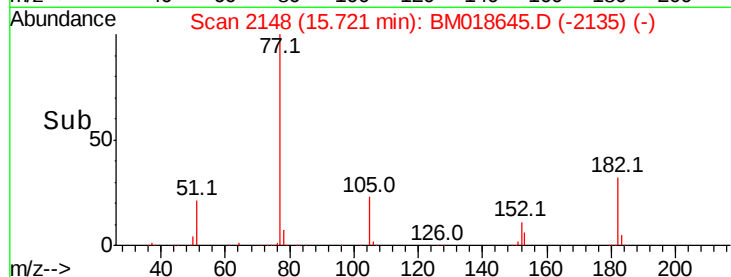
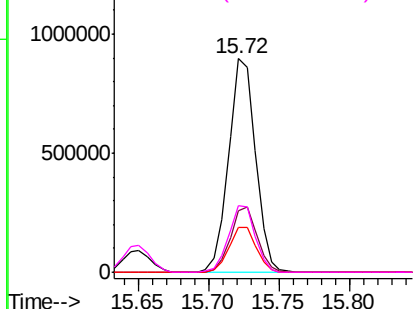
#63
Azobenzene
Concen: 34.528 ng
RT: 15.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion: 77 Resp: 1186867
Ion Ratio Lower Upper
77 100
182 28.7 7.4 47.4
105 21.2 0.0 39.6
51 31.4 12.0 52.0

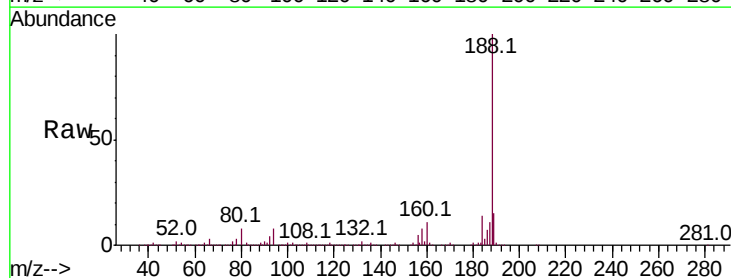


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)

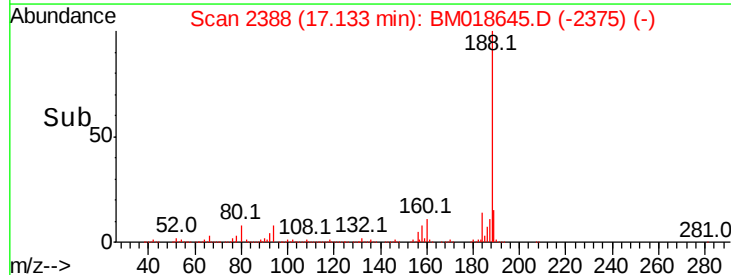
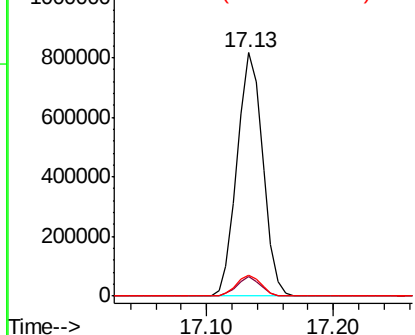


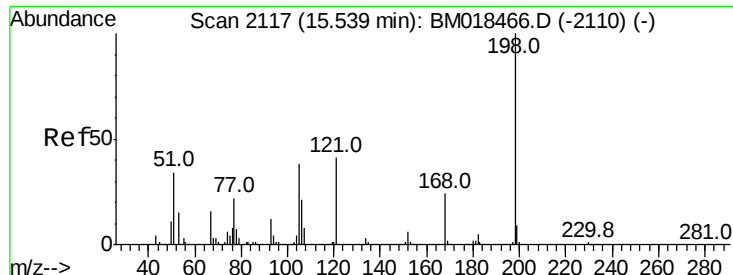
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion: 188 Resp: 1141660
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.3 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) (-)

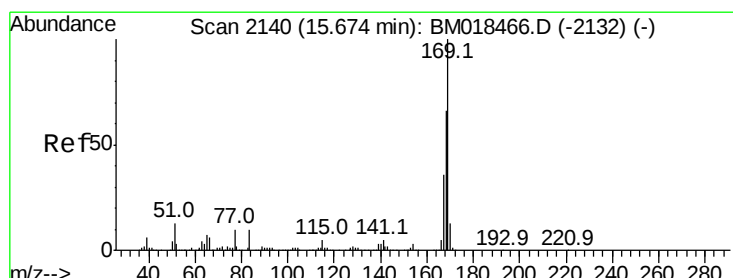
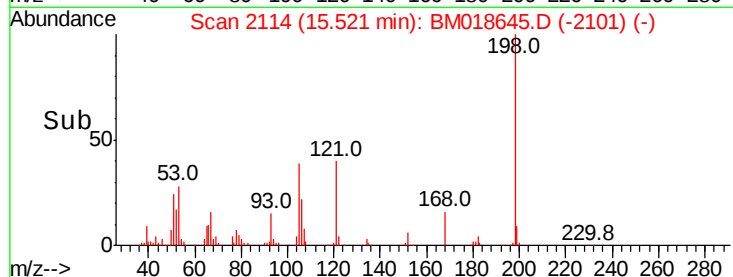
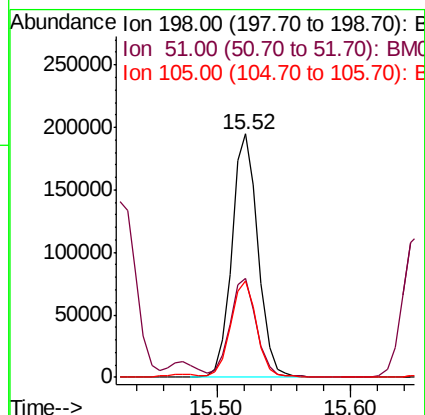
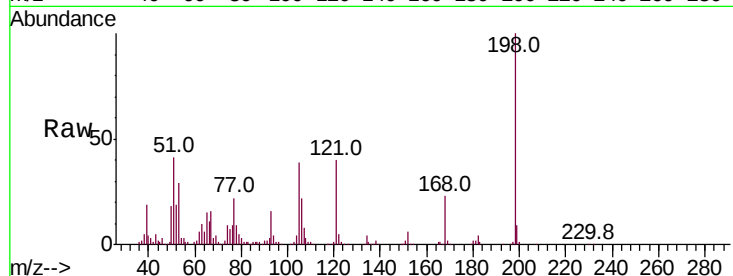




#65
4,6-Dinitro-2-methylphenol
Concen: 37.934 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

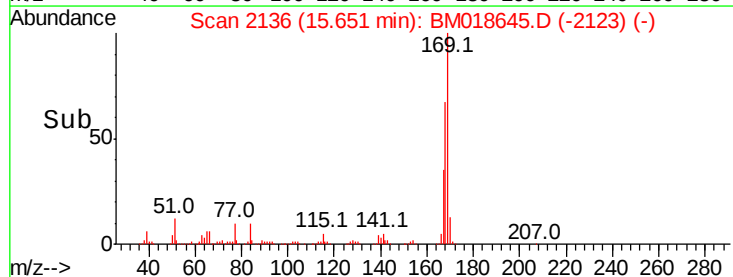
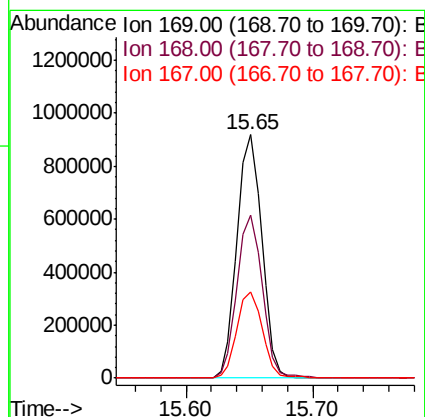
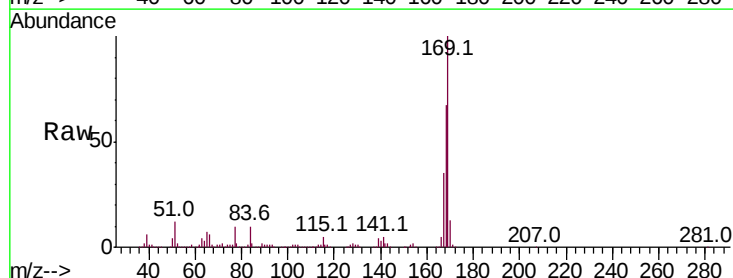
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

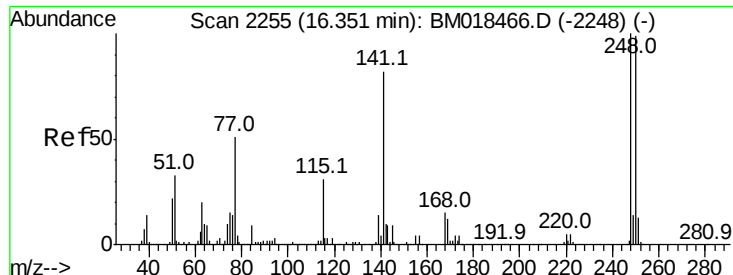
Tot Ion:198 Resp: 266773
Ion Ratio Lower Upper
198 100
51 40.6 29.6 69.6
105 39.5 25.5 65.5



#66
n-Nitrosodiphenylamine
Concen: 35.292 ng
RT: 15.65 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:169 Resp: 1249824
Ion Ratio Lower Upper
169 100
168 66.9 54.1 81.1
167 35.4 28.6 42.8

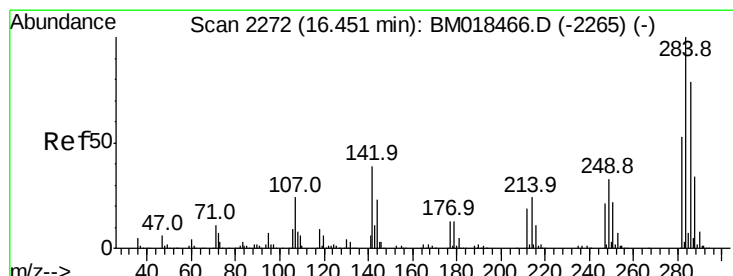
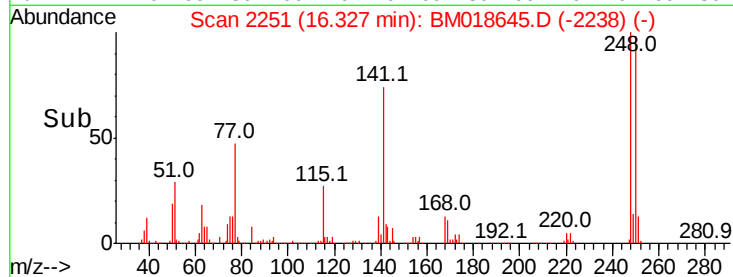
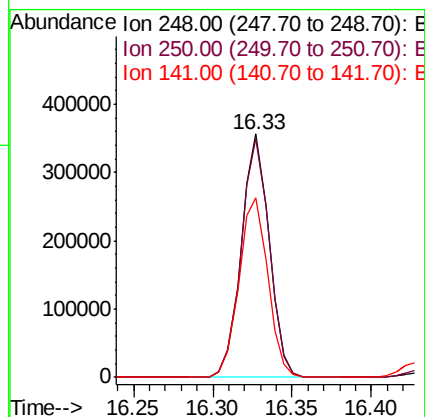
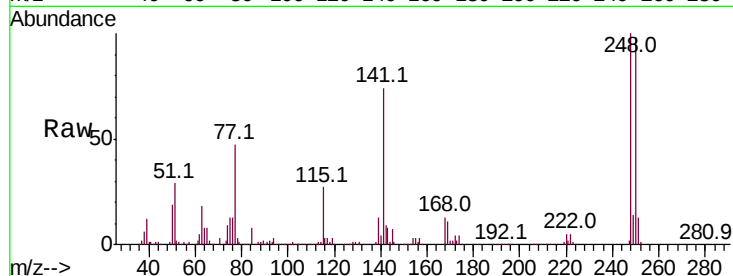




#67
 4-Bromophenyl-phenylether
 Concen: 34.054 ng
 RT: 16.33 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

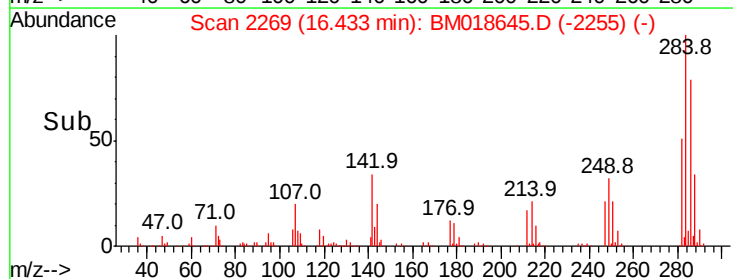
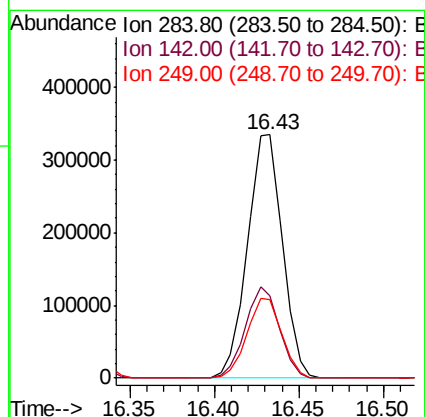
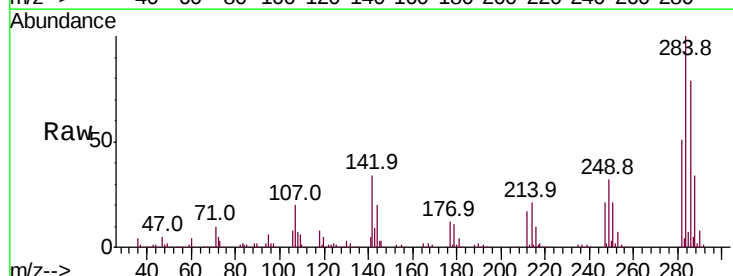
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MSD

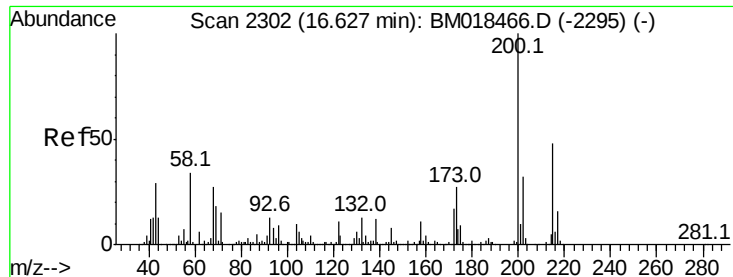
Tot Ion:248 Resp: 435073
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.0 114.0
 141 74.0 61.5 92.3



#68
 Hexachlorobenzene
 Concen: 33.807 ng
 RT: 16.43 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion:284 Resp: 483527
 Ion Ratio Lower Upper
 284 100
 142 34.0 29.2 43.8
 249 32.4 26.1 39.1





#69

Atrazine

Concen: 36.934 ng

RT: 16.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

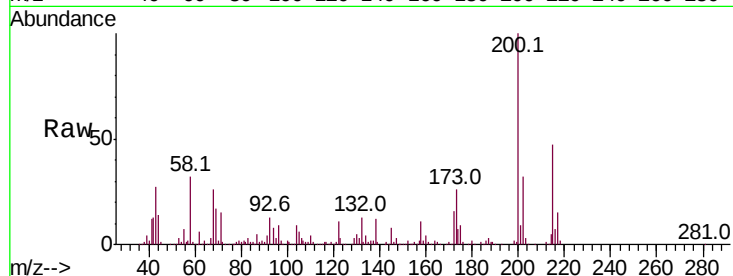
Tot Ion:200 Resp: 472851

Ion Ratio Lower Upper

200 100

173 26.4 7.2 47.2

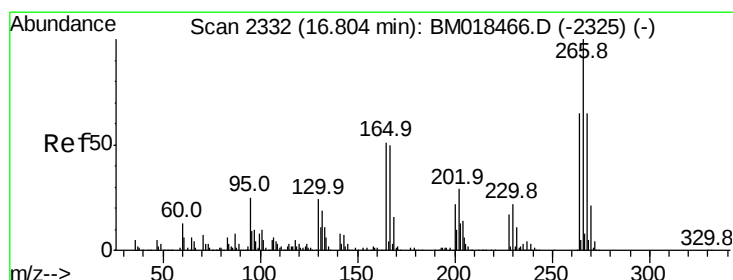
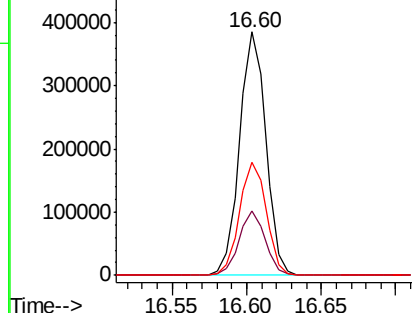
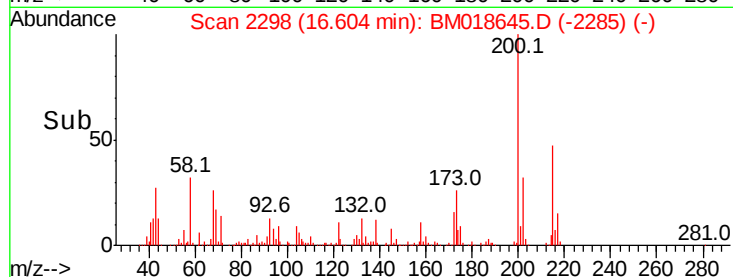
215 46.6 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.972 ng

RT: 16.78 min Scan# 2328

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

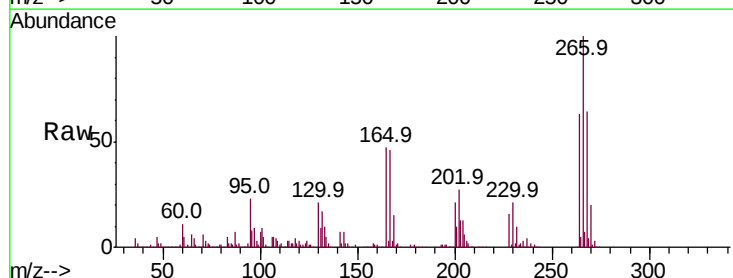
Tgt Ion:266 Resp: 655422

Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.6

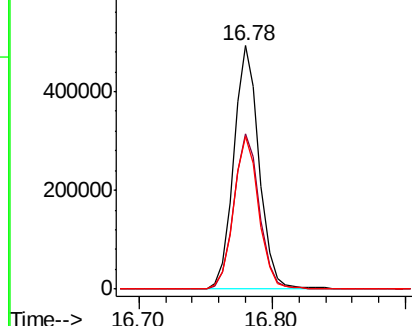
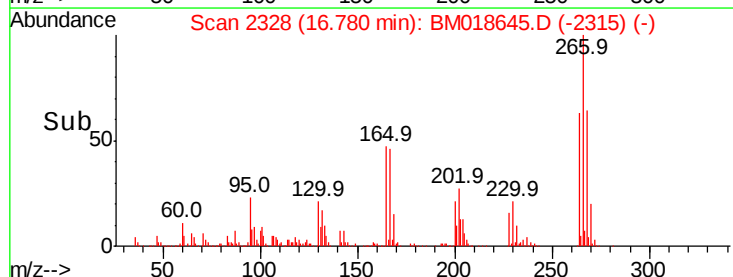
264 62.8 50.1 75.1

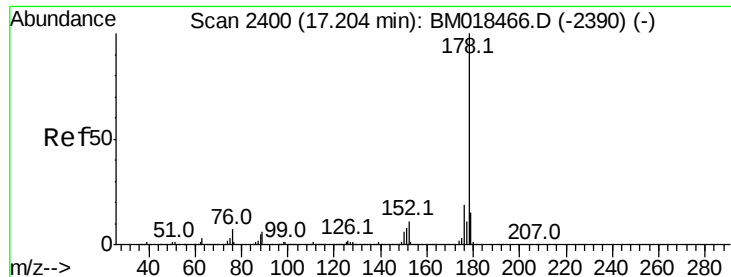


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.665 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

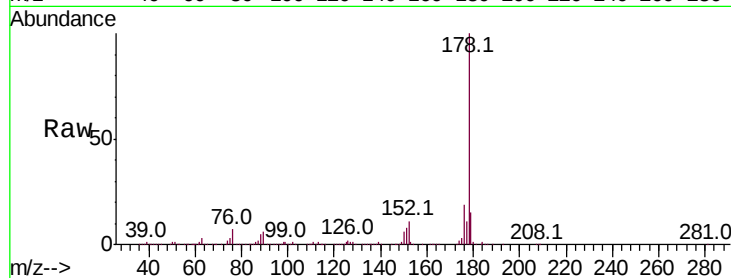
Tot Ion:178 Resp: 2226472

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

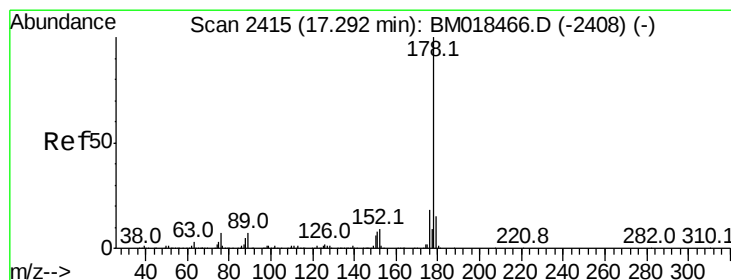
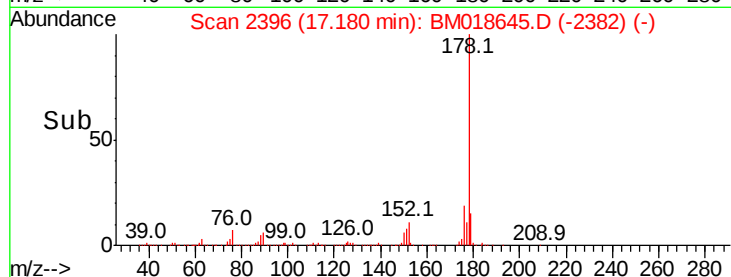
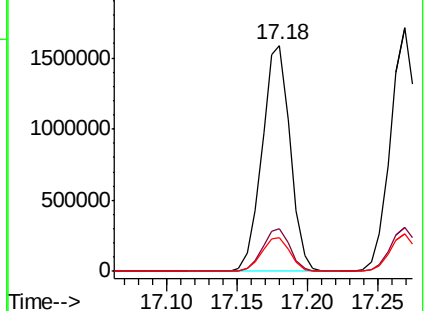
179 15.1 12.2 18.4



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



#72

Anthracene

Concen: 38.766 ng

RT: 17.27 min Scan# 2411

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

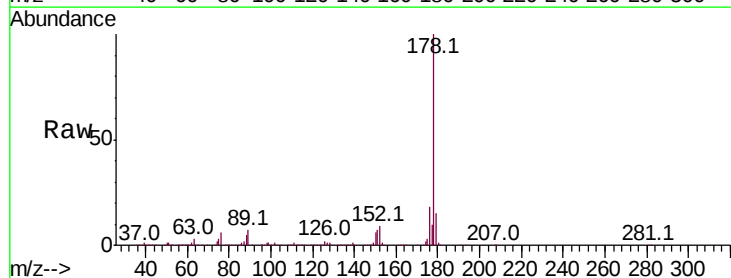
Tgt Ion:178 Resp: 2263667

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

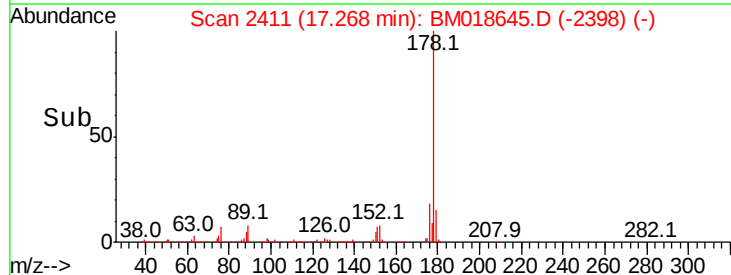
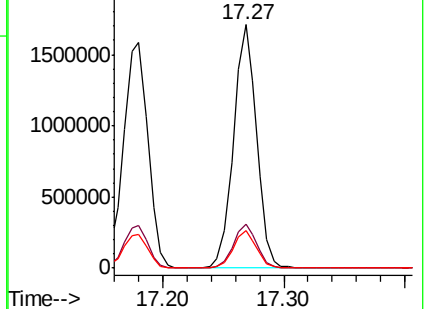
179 15.3 12.2 18.4

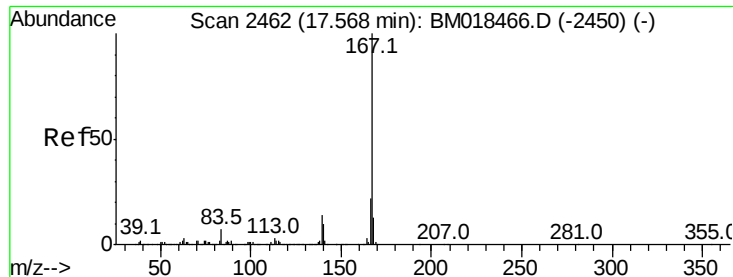


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



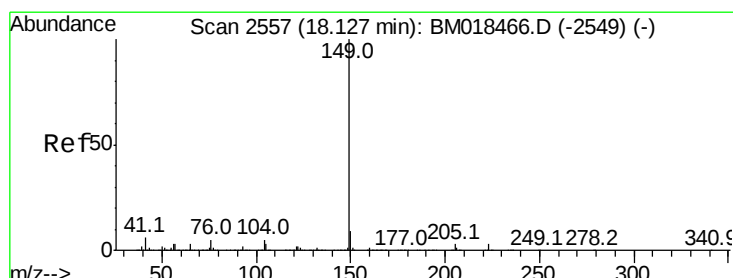
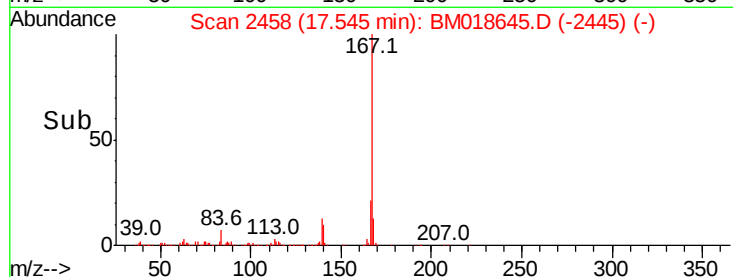
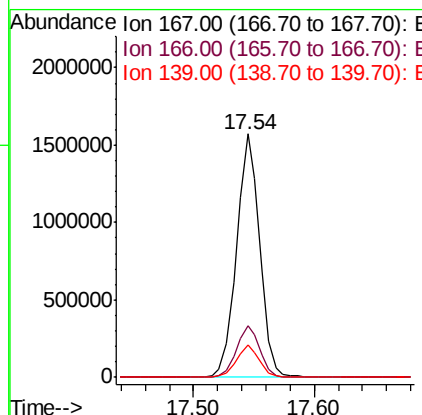
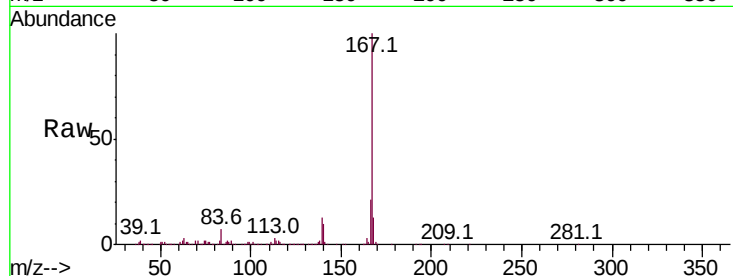


#73
 Carbazole
 Concen: 35.088 ng
 RT: 17.54 min Scan# 2458
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

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

Tot Ion:167 Resp: 2105034

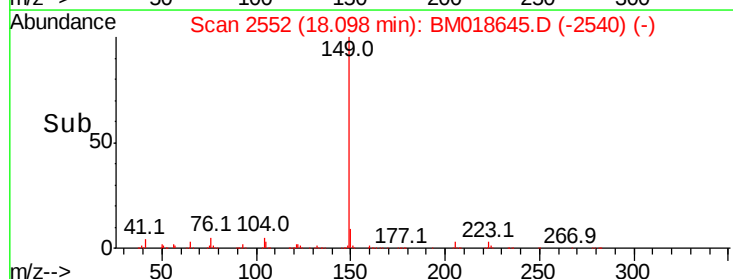
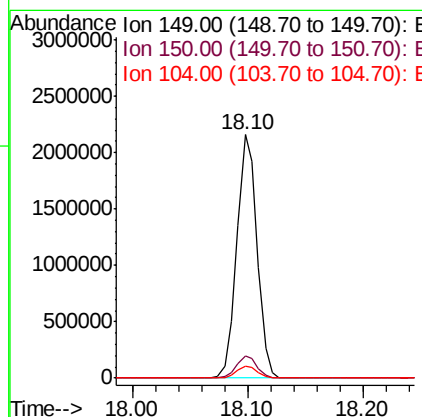
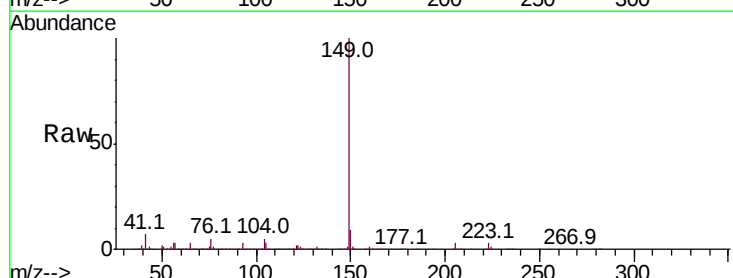
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	13.2	10.6	16.0

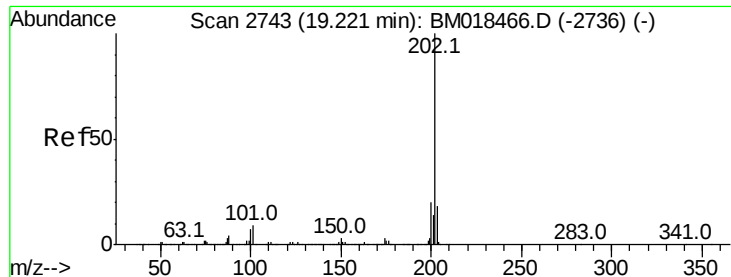


#74
 Di-n-butylphthalate
 Concen: 39.608 ng
 RT: 18.10 min Scan# 2552
 Delta R.T. -0.03 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion:149 Resp: 2602808

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 37.726 ng

RT: 19.20 min Scan# 2739

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

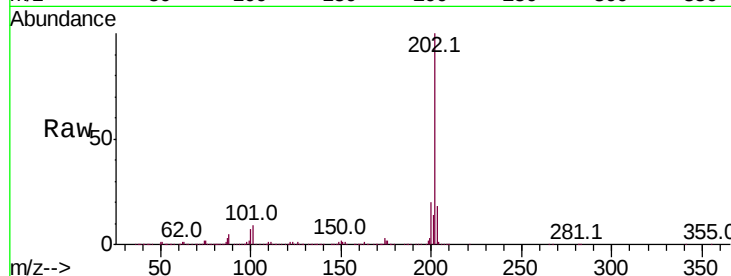
Tot Ion:202 Resp: 2641217

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.9

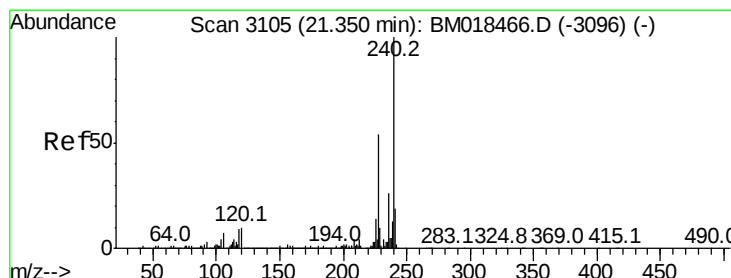
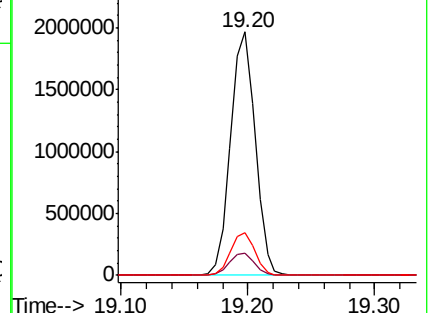
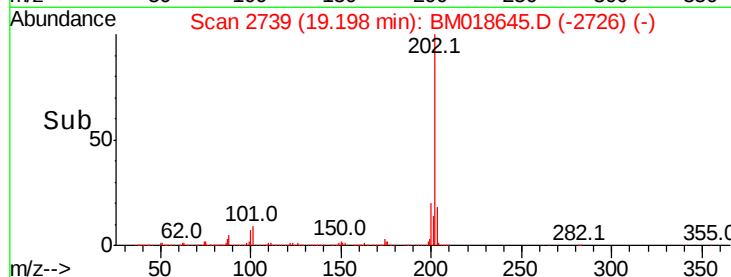
203 17.6 0.0 37.4



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: BM018645.D

Acq: 18 Jan 2019 20:00

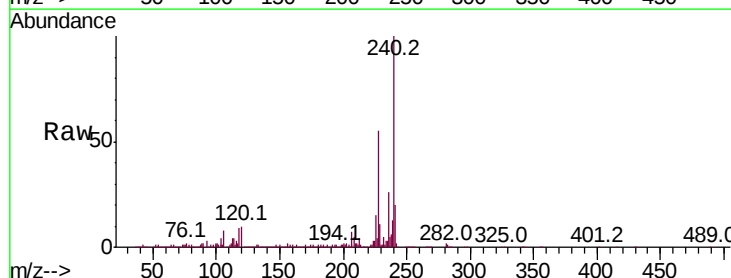
Tgt Ion:240 Resp: 1250740

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

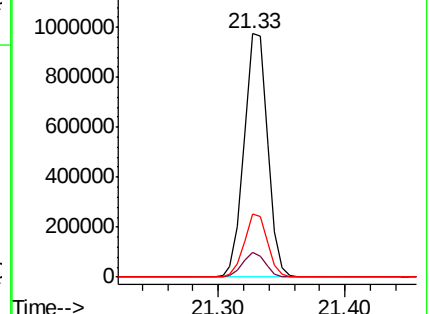
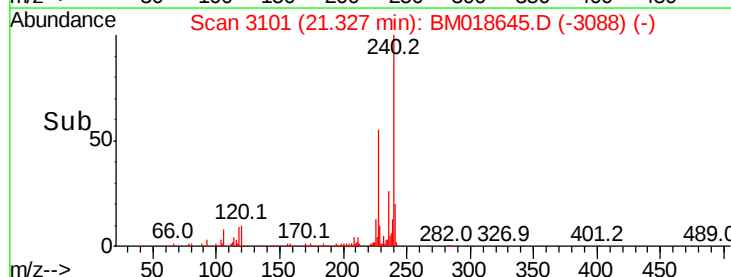
236 25.9 20.7 31.1

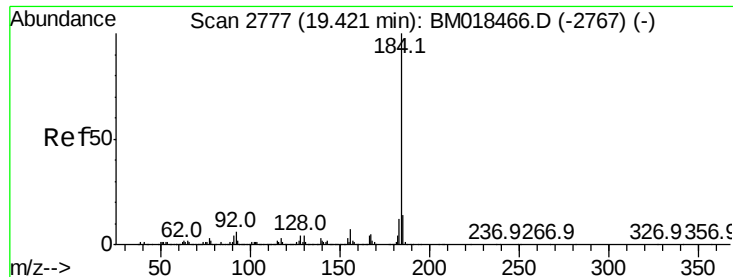


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.636 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

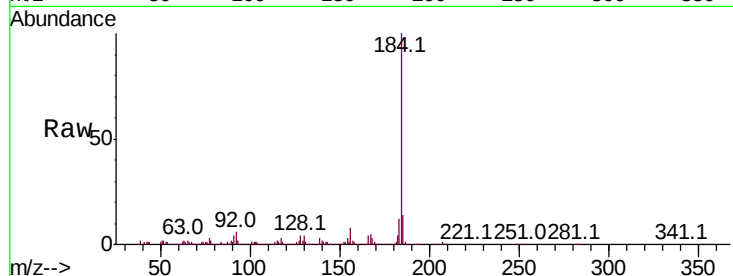
Tot Ion:184 Resp: 946129

Ion Ratio Lower Upper

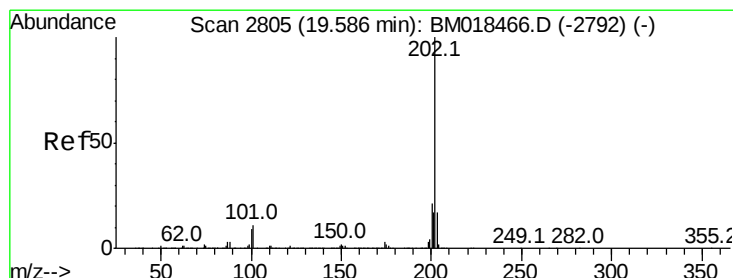
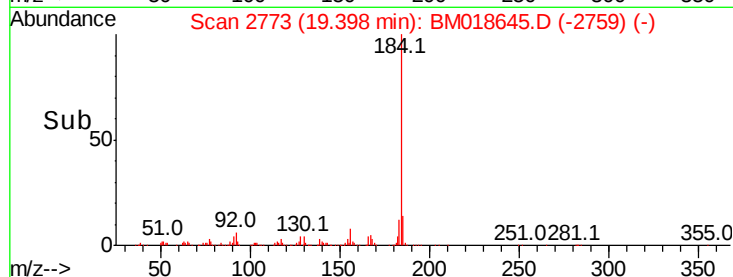
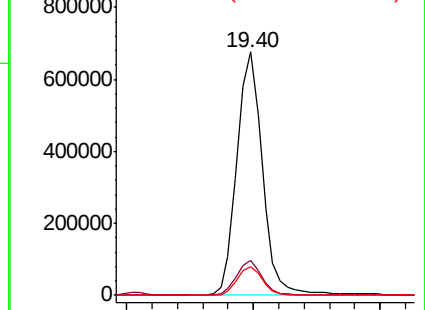
184 100

185 14.4 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: 36.332 ng

RT: 19.56 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

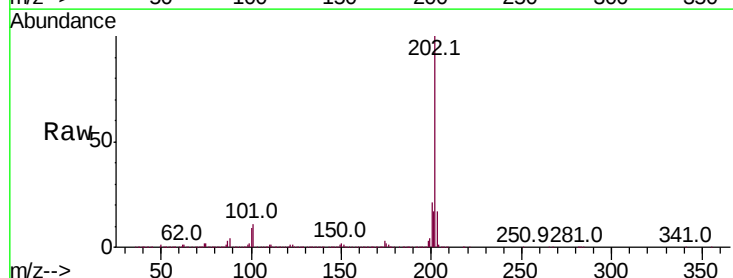
Tgt Ion:202 Resp: 2693575

Ion Ratio Lower Upper

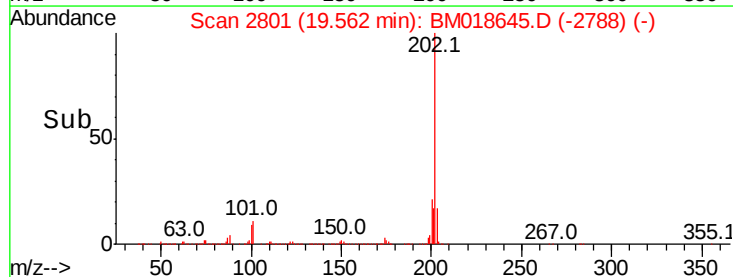
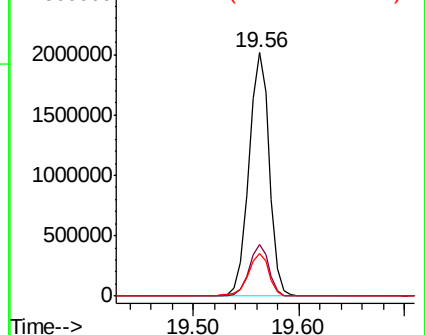
202 100

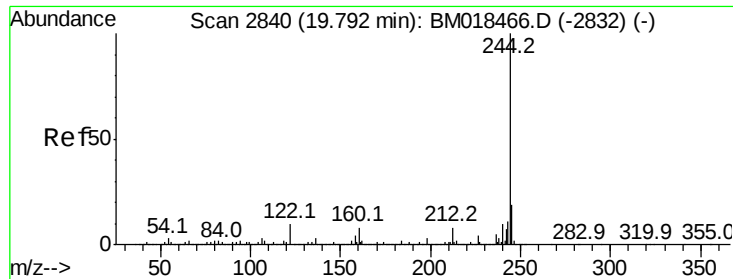
200 21.0 16.6 24.8

203 17.5 13.8 20.8



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

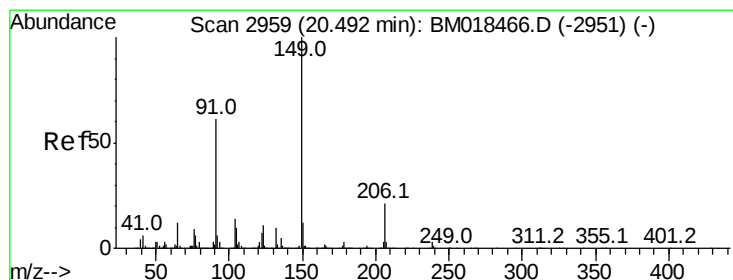
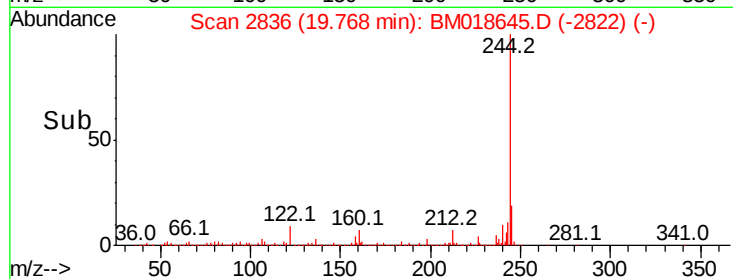
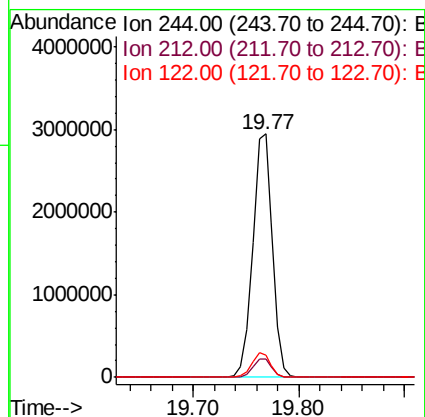
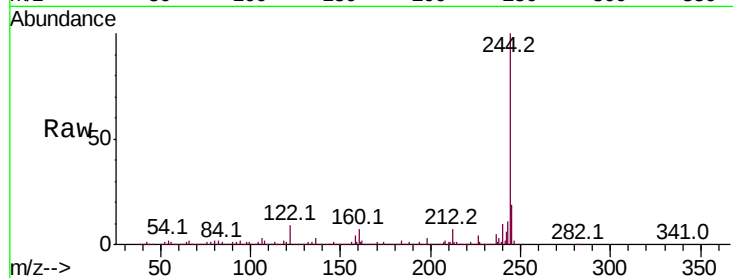




#79
 Terphenyl-d14
 Concen: 64.621 ng
 RT: 19.77 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

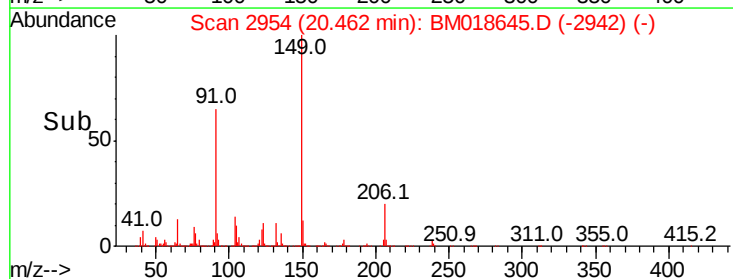
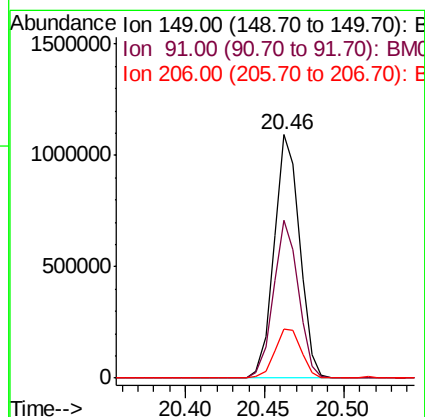
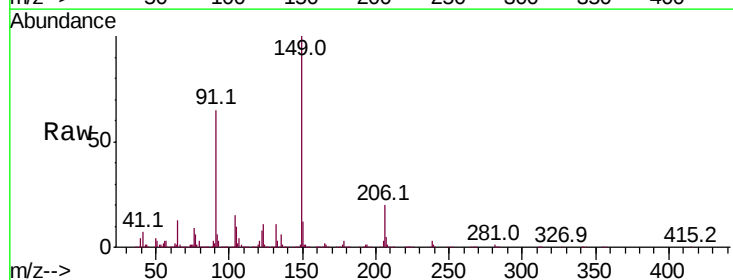
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MSD

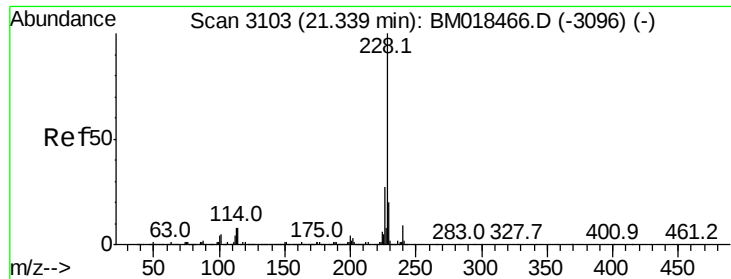
Tot Ion:244 Resp: 3834068
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 38.733 ng
 RT: 20.46 min Scan# 2954
 Delta R.T. -0.03 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion:149 Resp: 1225324
 Ion Ratio Lower Upper
 149 100
 91 64.9 53.1 79.7
 206 20.2 16.2 24.4





#81

Benzo(a)anthracene

Concen: 36.913 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

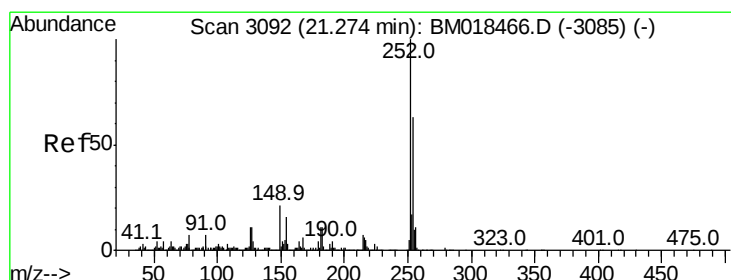
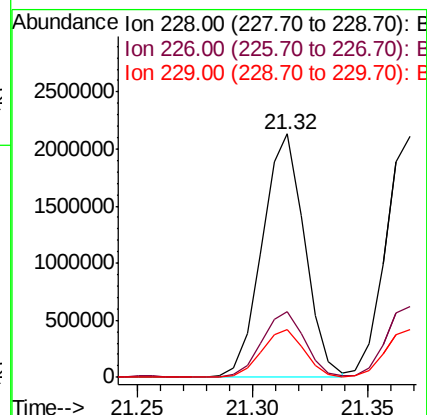
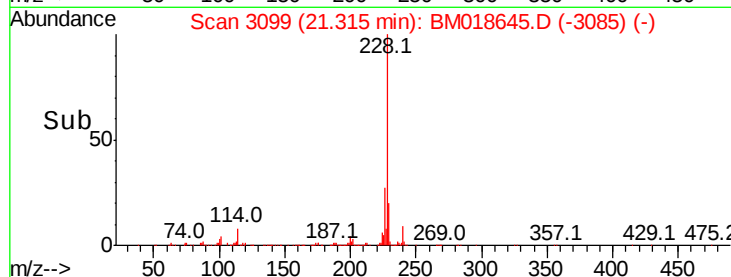
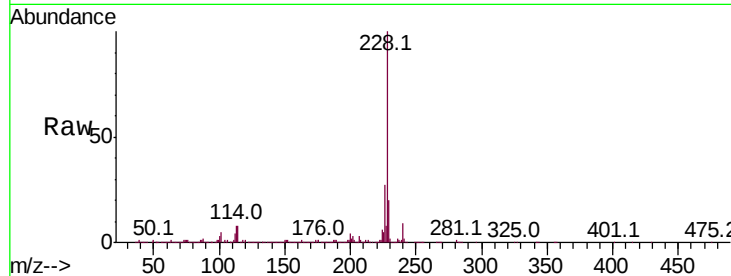
Tot Ion:228 Resp: 2719833

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.6	15.8	23.8

228 100

226 26.7 21.8 32.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 29.457 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

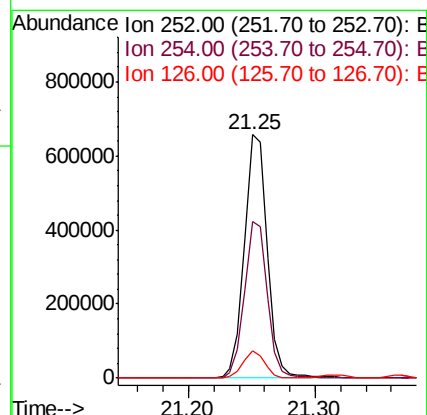
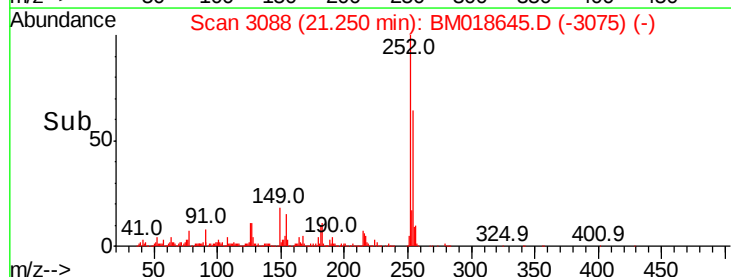
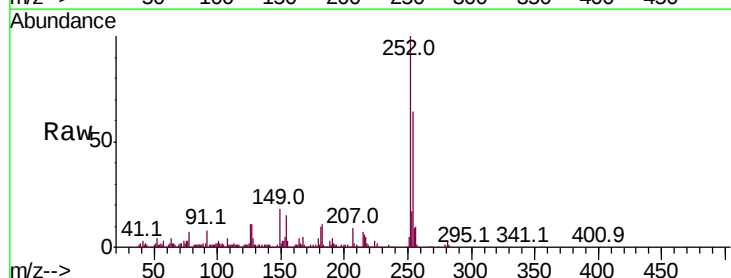
Tgt Ion:252 Resp: 820752

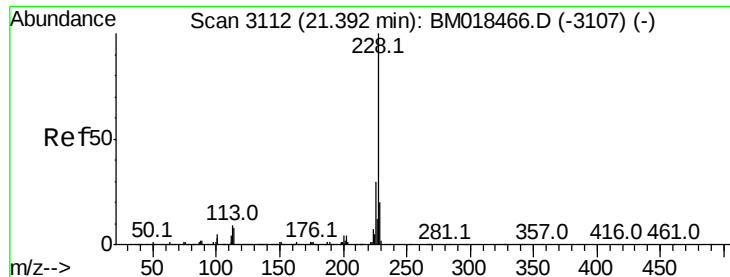
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.0
126	11.3	8.7	13.1

252 100

254 64.1 51.4 77.0

126 11.3 8.7 13.1





#83

Chrysene

Concen: 35.890 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

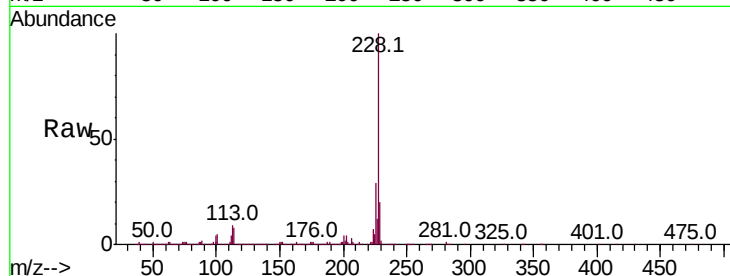
BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

Tot Ion:228 Resp: 2553645

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.6	15.6	23.4

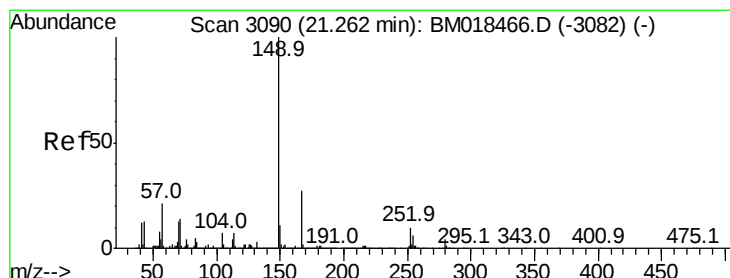
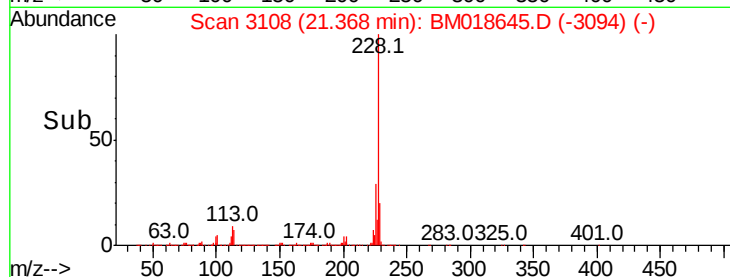
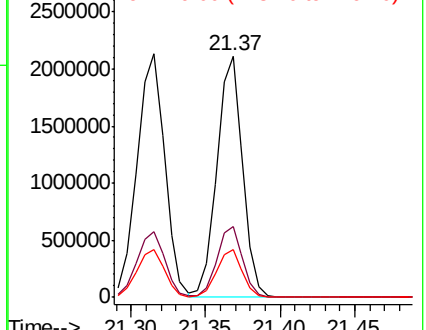


Abundance

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: 39.555 ng

RT: 21.23 min Scan# 3085

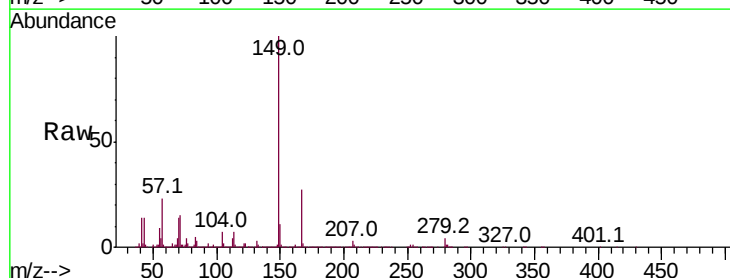
Delta R.T. -0.03 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Tgt Ion:149 Resp: 1806956

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	3.9	3.3	4.9

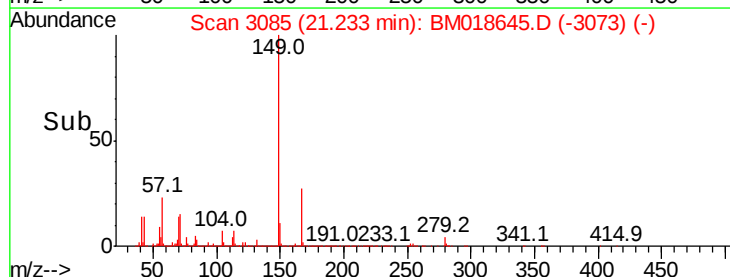
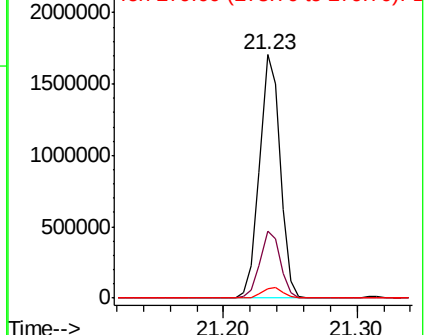


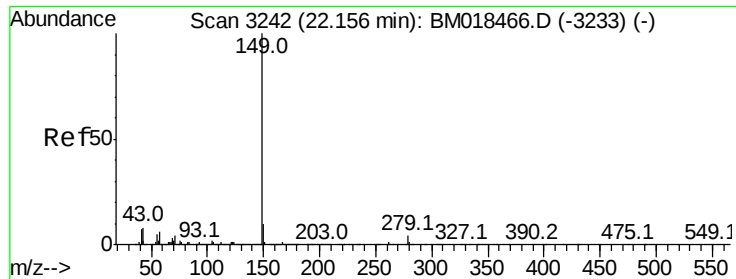
Abundance

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: 40.495 ng

RT: 22.12 min Scan# 3236

Delta R.T. -0.04 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

Instrument :

BNA_M

ClientSampleId :

S3-FRONT-HOUSE-7MSD

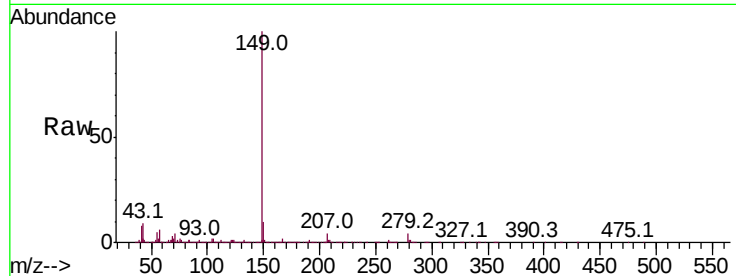
Tot Ion:149 Resp: 3111337

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

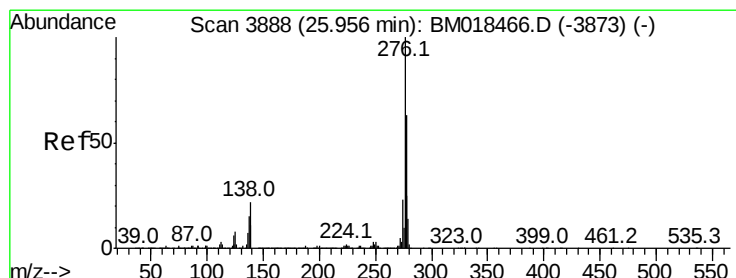
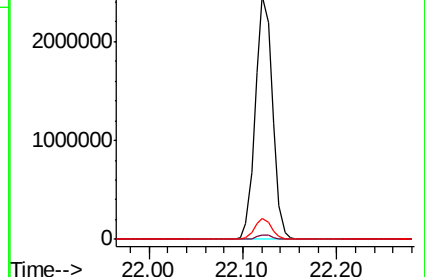
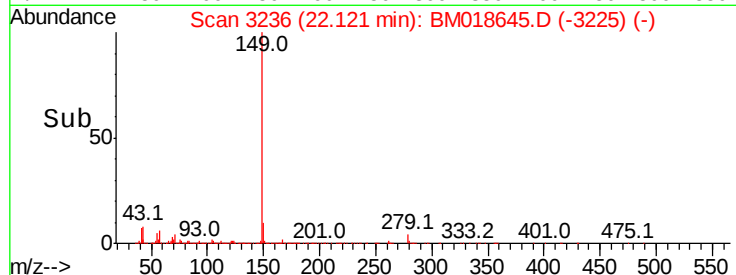
43 8.2 8.6 12.8#



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: 37.797 ng

RT: 25.91 min Scan# 3880

Delta R.T. -0.04 min

Lab File: BM018645.D

Acq: 18 Jan 2019 20:00

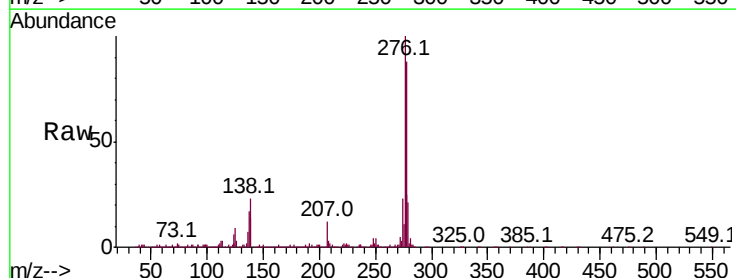
Tgt Ion:276 Resp: 3101089

Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

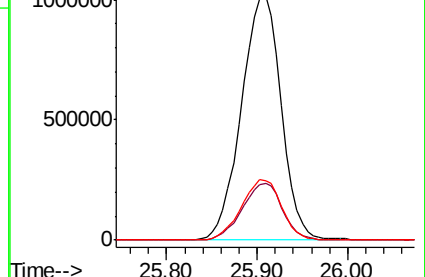
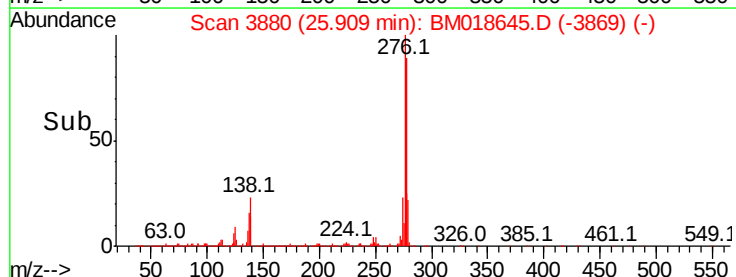
277 25.1 20.2 30.2

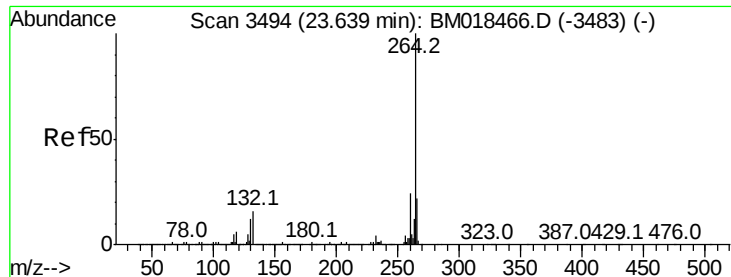


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

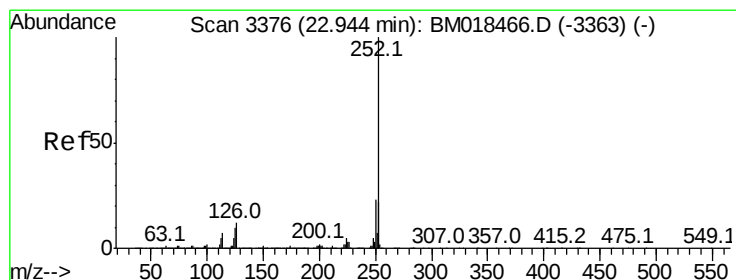
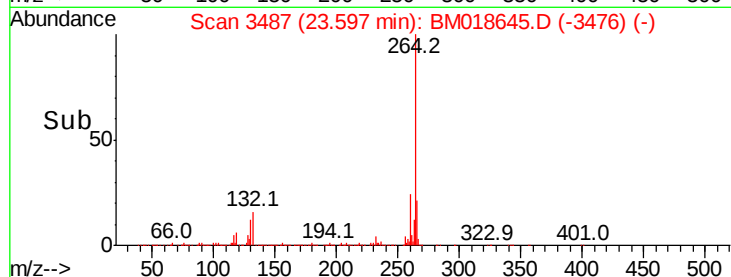
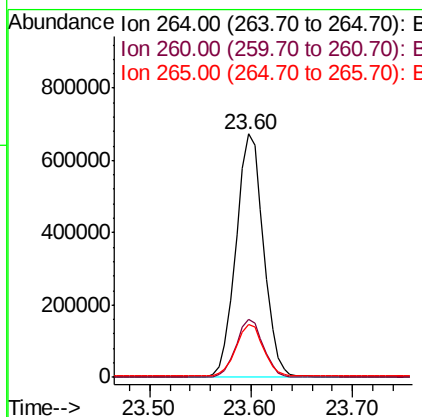
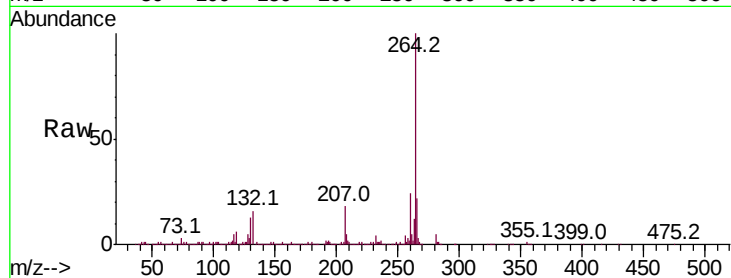




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.60 min Scan# 3487
 Delta R.T. -0.04 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

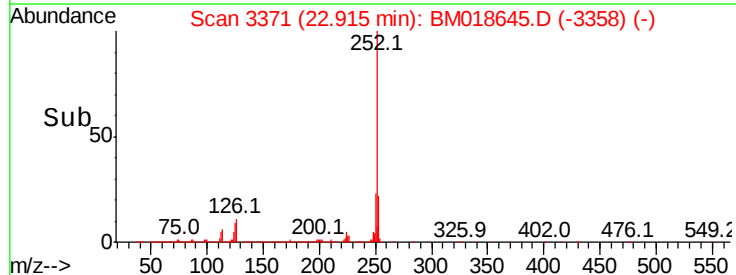
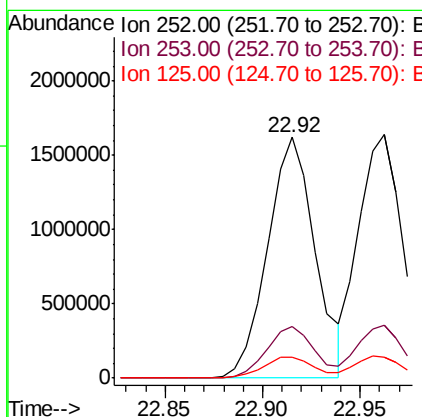
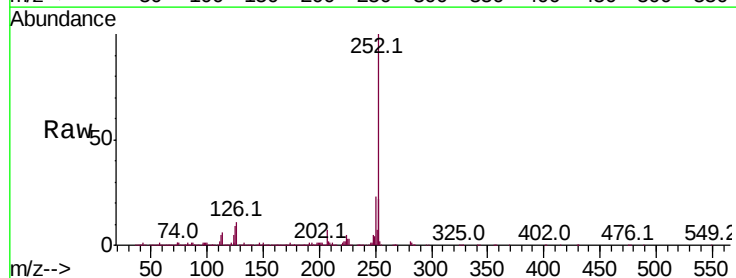
Instrument :
 BNA_M
 ClientSampleId :
 S3-FRONT-HOUSE-7MSD

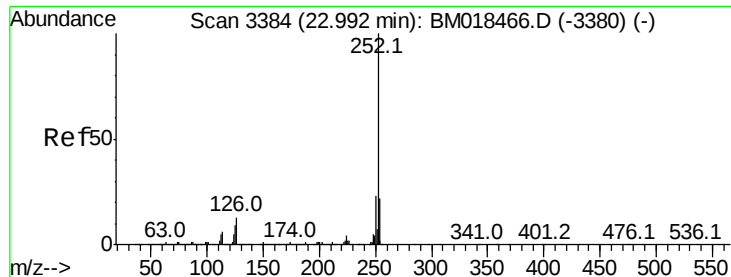
Tot Ion:264 Resp: 1272720
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.8 16.8 25.2



#88
 Benzo(b)fluoranthene
 Concen: 37.955 ng
 RT: 22.92 min Scan# 3371
 Delta R.T. -0.02 min
 Lab File: BM018645.D
 Acq: 18 Jan 2019 20:00

Tgt Ion:252 Resp: 2742472
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.6 26.4
 125 8.8 8.5 12.7

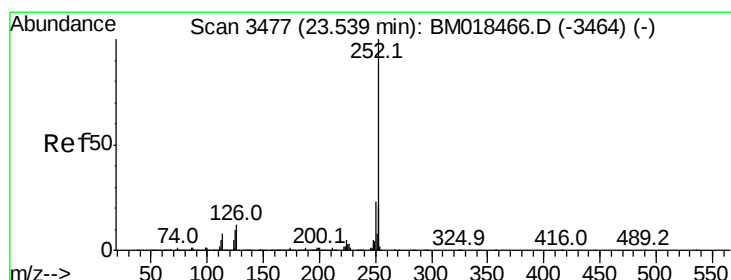
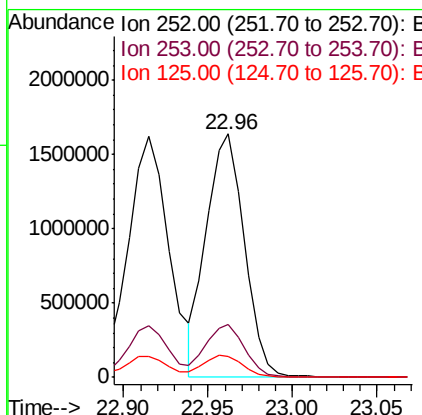
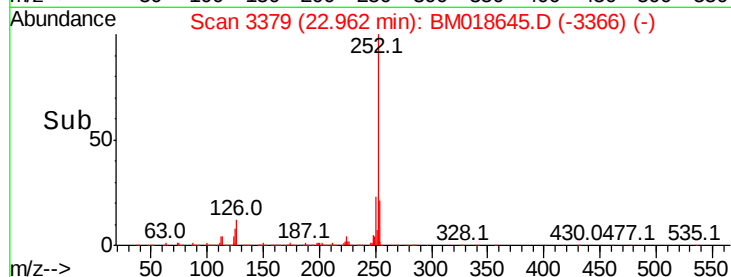
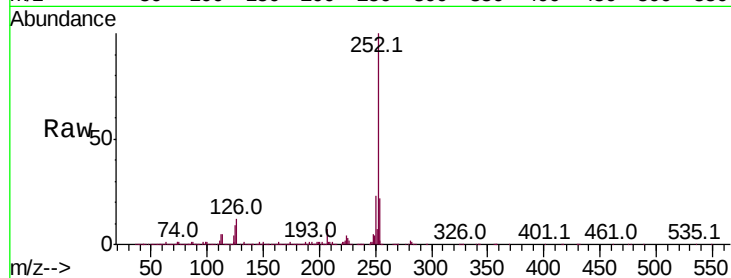




#89
Benzo(k)fluoranthene
Concen: 35.213 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

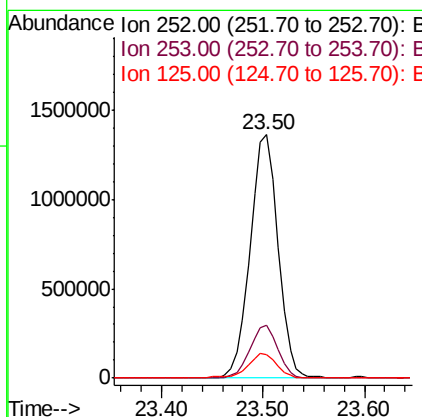
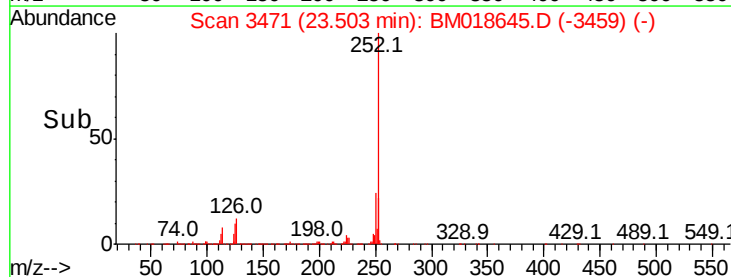
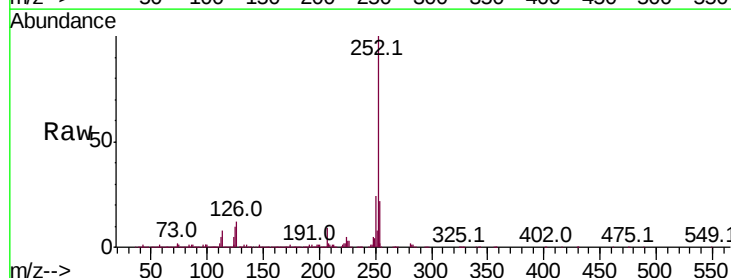
Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

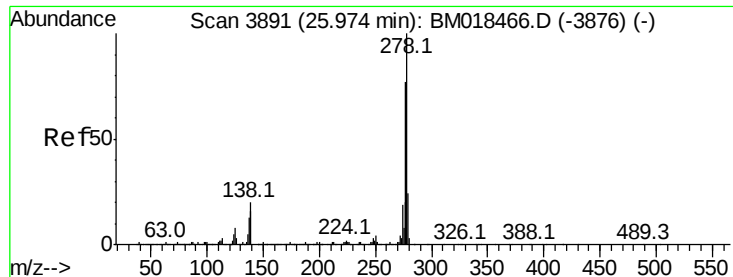
Tot Ion:252 Resp: 2564154
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 8.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 37.597 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:252 Resp: 2600746
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.8 9.7 14.5



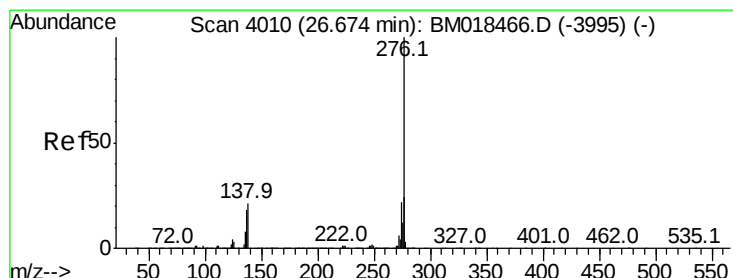
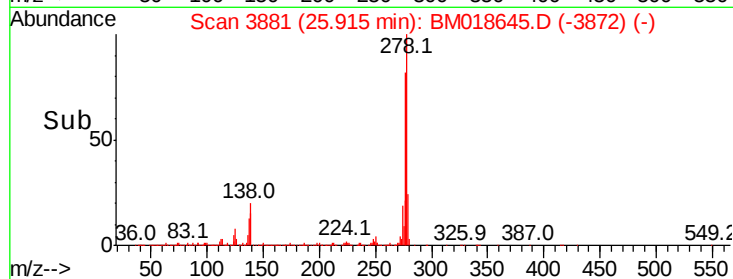
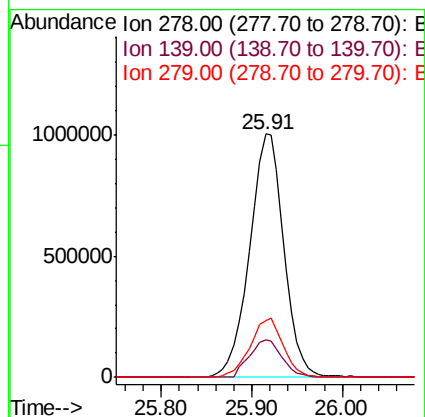
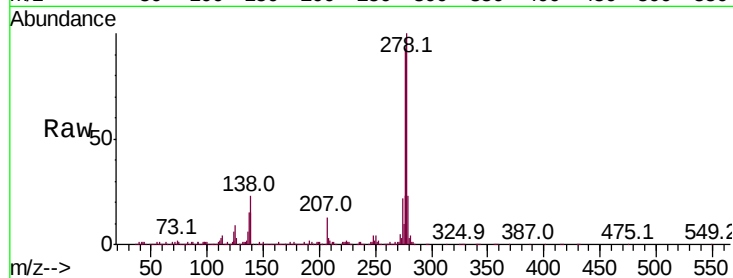


#91
Dibenzo(a,h)anthracene
Concen: 37.604 ng
RT: 25.91 min Scan# 3881
Delta R.T. -0.05 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

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

Tot Ion:278 Resp: 2635682

Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.2	19.8
279	23.5	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 37.536 ng
RT: 26.61 min Scan# 4000
Delta R.T. -0.04 min
Lab File: BM018645.D
Acq: 18 Jan 2019 20:00

Tgt Ion:276 Resp: 2560230

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.4	18.1	27.1

