

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018468.D
 Acq On : 09 Jan 2019 11:21
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Jan 09 11:54:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 10:48:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	375355	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1446191	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	800328	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1799645	20.00	ng	0.00
76) Chrysene-d12	21.36	240	1943544	20.00	ng	0.00
87) Perylene-d12	23.64	264	1968194	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2448432	122.98	ng	0.00
7) Phenol-d6	6.94	99	3136278	113.45	ng	0.00
23) Nitrobenzene-d5	8.93	82	3035410	120.46	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1327313	130.53	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7362048	124.59	ng	0.00
79) Terphenyl-d14	19.79	244	10958892	120.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	482675	59.53	ng	96
3) Pyridine	3.68	79	1200404	53.67	ng	98
4) n-Nitrosodimethylamine	3.60	42	540780	59.30	ng	# 94
6) Aniline	7.10	93	1787944	51.85	ng	99
8) 2-Chlorophenol	7.33	128	1415288	58.95	ng	97
9) Benzaldehyde	6.92	77	766951	39.52	ng	98
10) Phenol	6.96	94	1575815	55.41	ng	98
11) bis(2-Chloroethyl)ether	7.20	93	1225872	55.30	ng	96
12) 1,3-Dichlorobenzene	7.65	146	1650407	58.52	ng	99
13) 1,4-Dichlorobenzene	7.80	146	1676948	58.53	ng	98
14) 1,2-Dichlorobenzene	8.11	146	1591826	56.62	ng	99
15) Benzyl Alcohol	8.01	79	1154679	53.81	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1526887	43.25	ng	95
17) 2-Methylphenol	8.21	107	1079216	53.56	ng	98
18) Hexachloroethane	8.83	117	601096	58.77	ng	96
19) n-Nitroso-di-n-propylamine	8.57	70	1000199	47.49	ng	95
20) 3+4-Methylphenols	8.54	107	1496837	55.38	ng	97
22) Acetophenone	8.59	105	2154352	58.67	ng	# 97
24) Nitrobenzene	8.97	77	1468577	58.89	ng	96
25) Isophorone	9.49	82	2347479	53.71	ng	96
26) 2-Nitrophenol	9.67	139	786802	81.50	ng	97
27) 2,4-Dimethylphenol	9.73	122	1106055	61.09	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	1580717	57.62	ng	99
29) 2,4-Dichlorophenol	10.21	162	1349408	67.39	ng	97
30) 1,2,4-Trichlorobenzene	10.42	180	1566592	63.87	ng	99
31) Naphthalene	10.60	128	4154751	59.61	ng	99
32) Benzoic acid	9.89	122	737349	73.12	ng	98
33) 4-Chloroaniline	10.72	127	1744559	54.63	ng	99
34) Hexachlorobutadiene	10.87	225	1002911	67.34	ng	99
35) Caprolactam	11.53	113	430656	58.20	ng	89
36) 4-Chloro-3-methylphenol	11.85	107	1411233	62.18	ng	97
37) 2-Methylnaphthalene	12.22	142	2930606	57.41	ng	99
38) 1-Methylnaphthalene	12.44	142	2839468	57.23	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1703749	68.00	ng	99

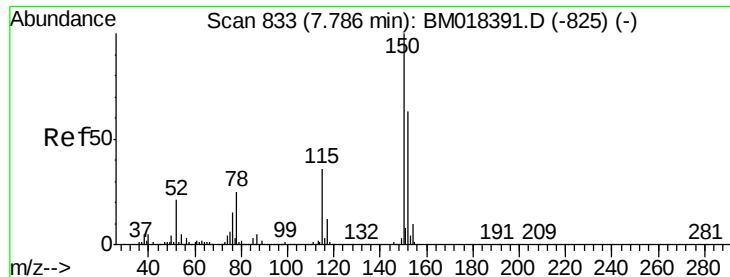
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	1008924	83.05	nq	98
43) 2,4,6-Trichlorophenol	12.83	196	1110525	78.03	nq	100
44) 2,4,5-Trichlorophenol	12.92	196	1168864	75.15	nq	98
46) 1,1'-Biphenyl	13.24	154	4204421	61.48	nq	98
47) 2-Chloronaphthalene	13.28	162	3270157	62.43	nq	100
48) 2-Nitroaniline	13.50	65	867964	61.75	nq	94
49) Acenaphthylene	14.13	152	4864294	60.32	nq	100
50) Dimethylphthalate	13.87	163	3997462	59.78	nq	99
51) 2,6-Dinitrotoluene	14.00	165	888090	63.29	nq	94
52) Acenaphthene	14.47	154	2944292	60.50	nq	97
53) 3-Nitroaniline	14.33	138	921540	59.05	nq	95
54) 2,4-Dinitrophenol	14.53	184	438608	114.39	nq	93
55) Dibenzofuran	14.81	168	4781663	60.05	nq	98
56) 4-Nitrophenol	14.65	139	772449	65.58	nq	94
57) 2,4-Dinitrotoluene	14.79	165	1224947	64.51	nq	98
58) Fluorene	15.46	166	3637878	58.65	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1016421	70.77	nq	98
60) Diethylphthalate	15.24	149	4077915	58.31	nq	99
61) 4-Chlorophenyl-phenylether	15.46	204	2069110	60.72	nq	99
62) 4-Nitroaniline	15.50	138	920681	55.42	nq	99
63) Azobenzene	15.75	77	3360066	52.71	nq	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	709702	98.20	nq	86
66) n-Nitrosodiphenylamine	15.67	169	3464417	61.77	nq	99
67) 4-Bromophenyl-phenylether	16.35	248	1250266	63.80	nq	96
68) Hexachlorobenzene	16.46	284	1367041	61.58	nq	98
69) Atrazine	16.63	200	1279768	61.55	nq	99
70) Pentachlorophenol	16.80	266	954798	73.76	nq	97
71) Phenanthrene	17.20	178	5793409	60.81	nq	100
72) Anthracene	17.29	178	5730699	60.39	nq	100
73) Carbazole	17.57	167	5887412	59.07	nq	99
74) Di-n-butylphthalate	18.13	149	6764427	59.71	nq	100
75) Fluoranthene	19.22	202	6785104	60.14	nq	98
77) Benzidine	19.42	184	3035340	54.64	nq	100
78) Pyrene	19.59	202	7093959	62.88	nq	99
80) Butylbenzylphthalate	20.49	149	3139242	67.64	nq	95
81) Benzo(a)anthracene	21.34	228	6961389	60.98	nq	100
82) 3,3'-Dichlorobenzidine	21.28	252	2749720	62.70	nq	99
83) Chrysene	21.39	228	6665095	60.52	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	4548749	59.81	nq	98
85) Di-n-octyl phthalate	22.16	149	7632150	60.71	nq	95
86) Indeno(1,2,3-cd)pyrene	25.97	276	7949320	58.31	nq	97
88) Benzo(b)fluoranthene	22.95	252	6998255	63.75	nq	99
89) Benzo(k)fluoranthene	23.00	252	6814042	62.06	nq	98
90) Benzo(a)pyrene	23.54	252	6645594	63.02	nq	98
91) Dibenzo(a,h)anthracene	25.98	278	6700547	61.01	nq	98
92) Benzo(g,h,i)perylene	26.68	276	6500415	61.82	nq	98

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

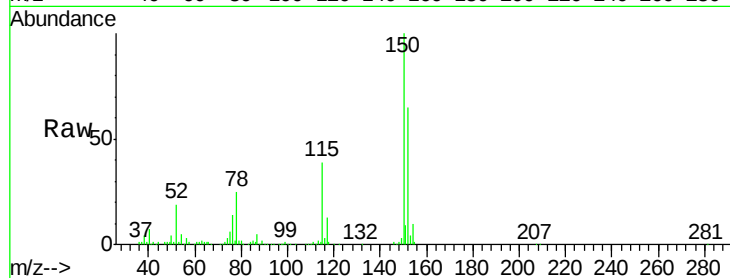


#1

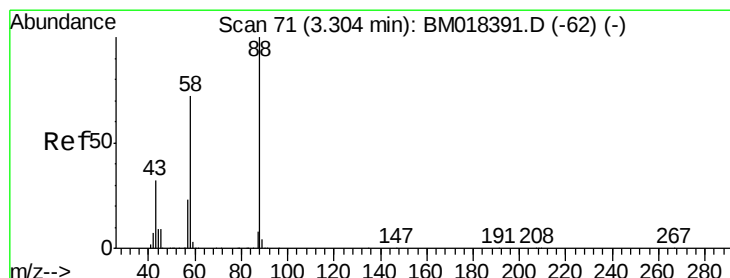
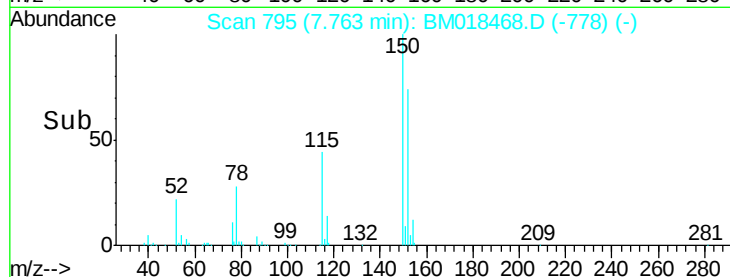
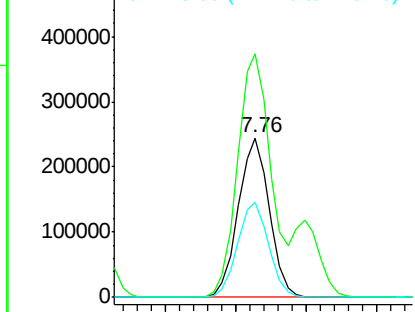
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.9	190.3
115	59.3	45.5	68.3



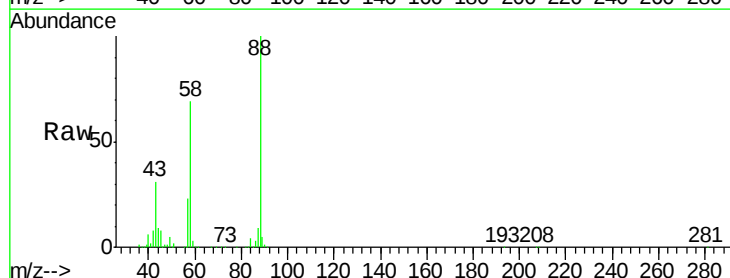
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



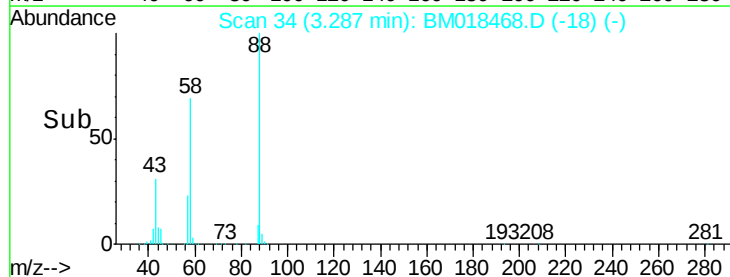
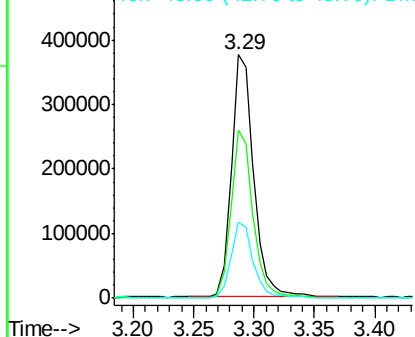
#2

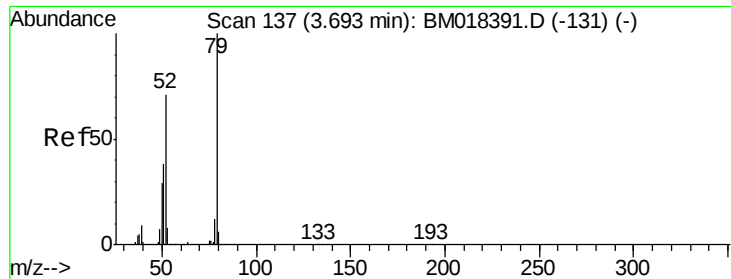
1,4-Dioxane
Concen: 59.53 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	58.4	87.6
43	31.7	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: 53.67 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

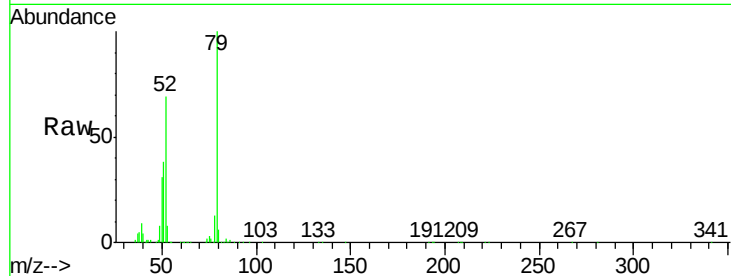
Tot Ion: 79 Resp: 1200404

Ion Ratio Lower Upper

79 100

52 68.7 56.4 84.6

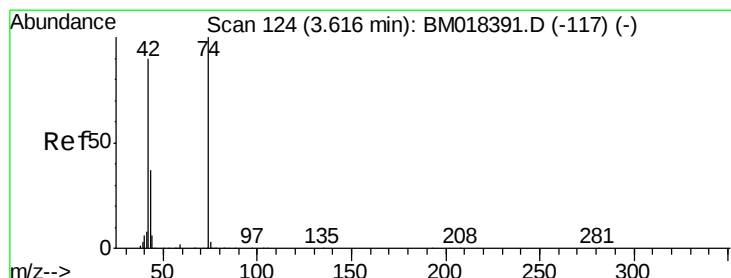
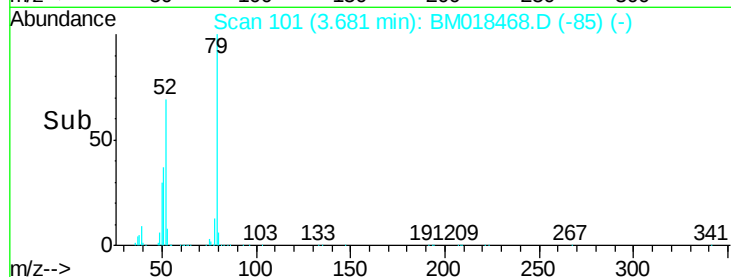
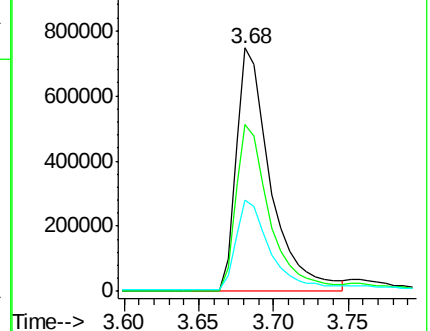
51 37.6 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018468.D (-101) (-)

Ion 52.00 (51.70 to 52.70): BM018468.D (-101) (-)

Ion 51.00 (50.70 to 51.70): BM018468.D (-101) (-)



#4

n-Nitrosodimethylamine

Concen: 59.30 ng

RT: 3.60 min Scan# 88

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

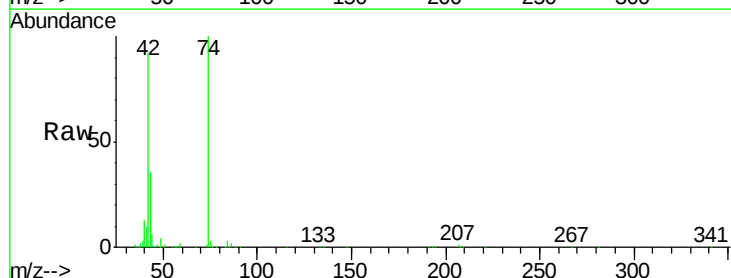
Tgt Ion: 42 Resp: 540780

Ion Ratio Lower Upper

42 100

74 109.3 88.6 132.8

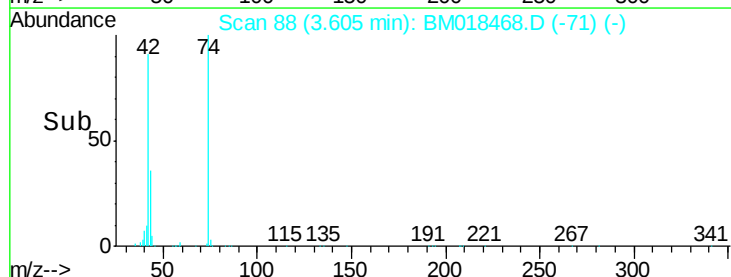
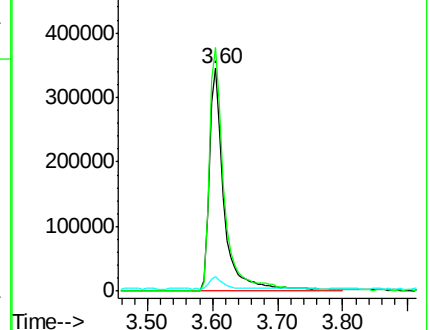
44 6.3 16.9 25.3#

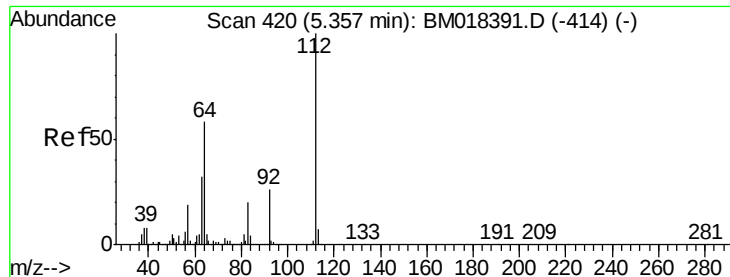


Abundance Ion 42.00 (41.70 to 42.70): BM018468.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM018468.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM018468.D (-88) (-)





#5

2-Fluorophenol

Concen: 122.98 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

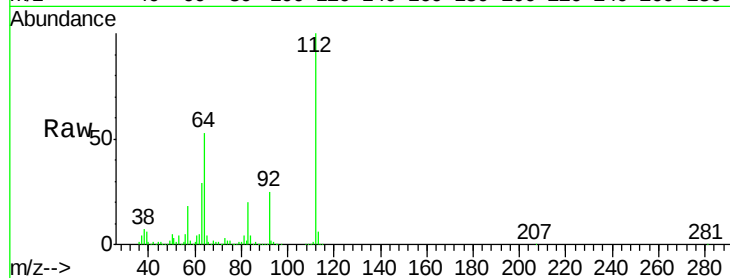
Tot Ion:112 Resp: 2448432

Ion Ratio Lower Upper

112 100

64 52.8 46.5 69.7

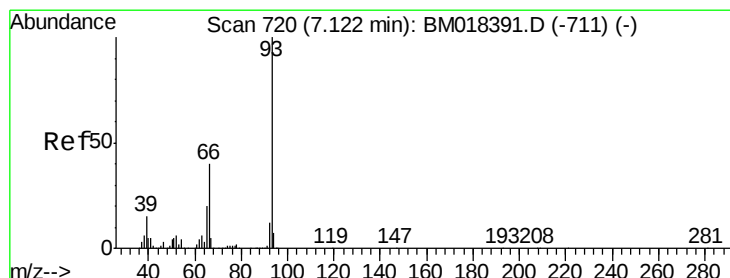
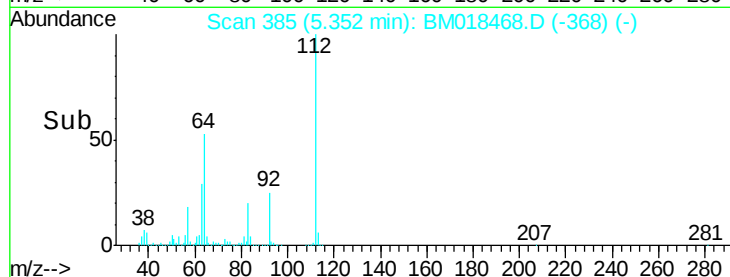
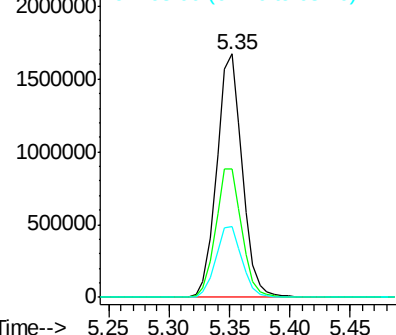
63 29.3 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 51.85 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

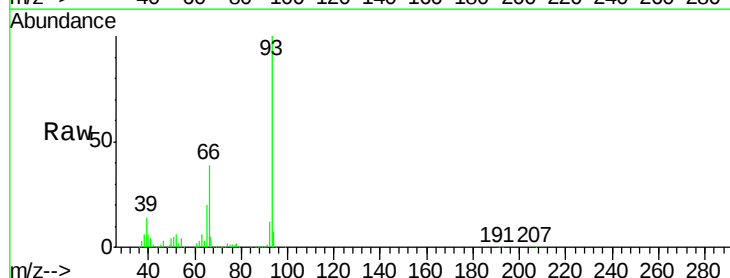
Tgt Ion: 93 Resp: 1787944

Ion Ratio Lower Upper

93 100

66 38.6 31.7 47.5

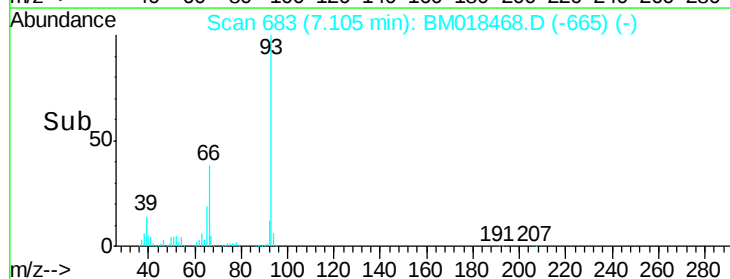
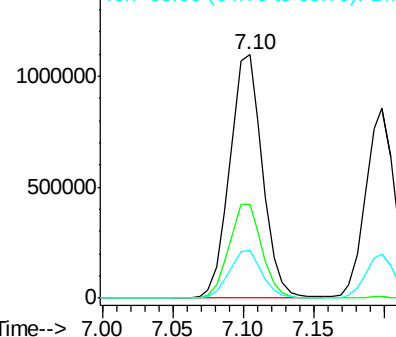
65 19.7 15.9 23.9

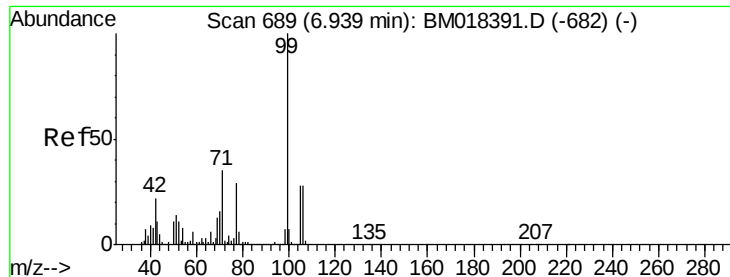


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 113.45 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

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SSTDICC060

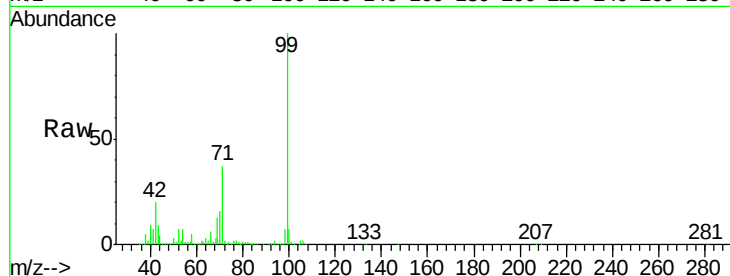
Tot Ion: 99 Resp: 3136278

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

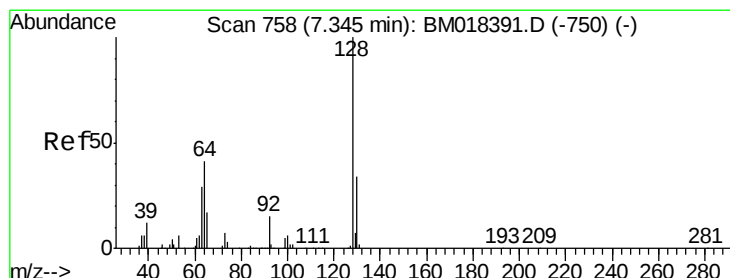
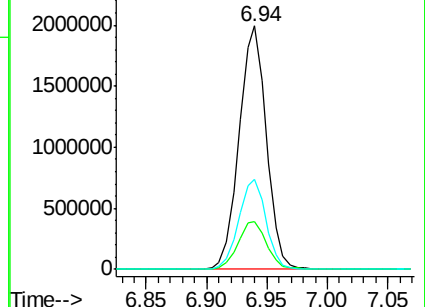
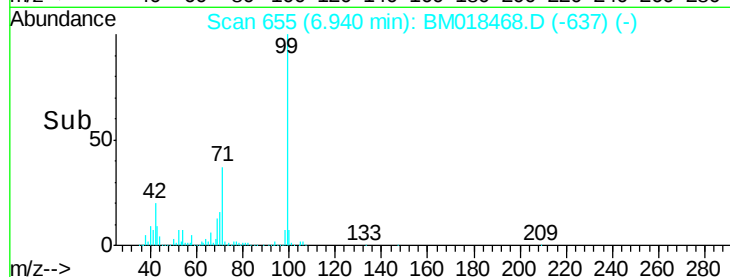
71 36.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#8

2-Chlorophenol

Concen: 58.95 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

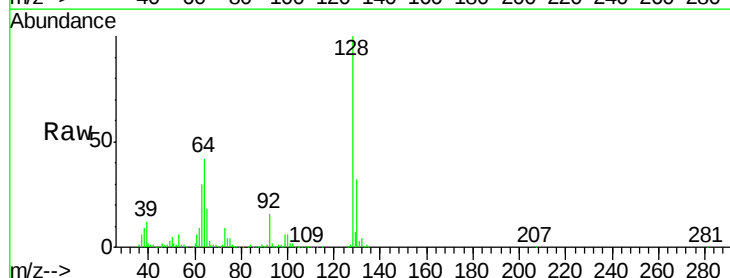
Tgt Ion: 128 Resp: 1415288

Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

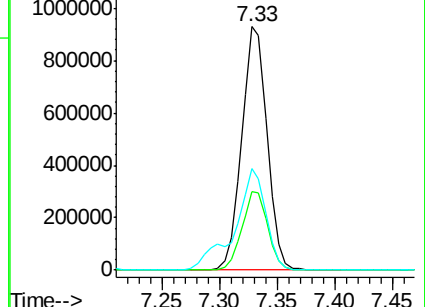
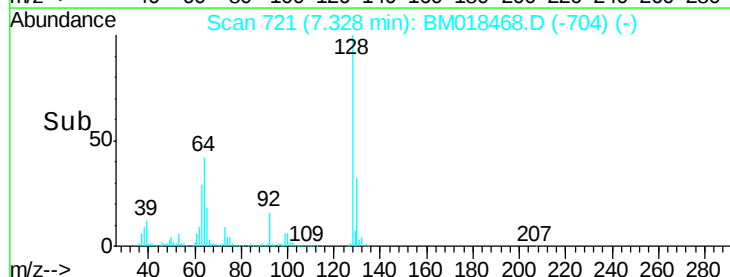
64 41.9 24.8 64.8

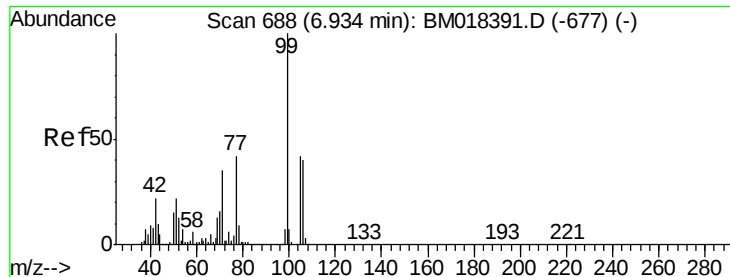


Abundance Ion 128.00 (127.70 to 128.70): BM018391.D (-750) (-)

Ion 130.00 (129.70 to 130.70): BM018391.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM018391.D (-750) (-)





#9

Benzaldehyde

Concen: 39.52 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

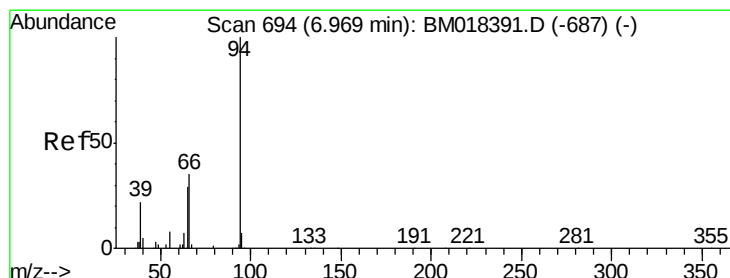
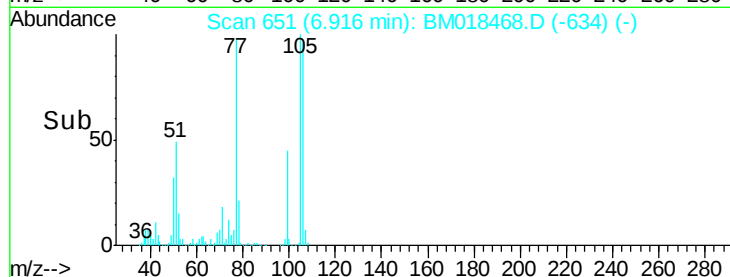
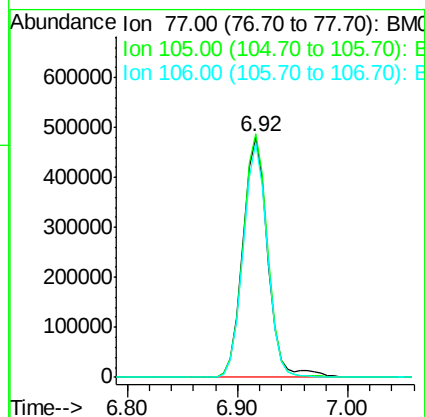
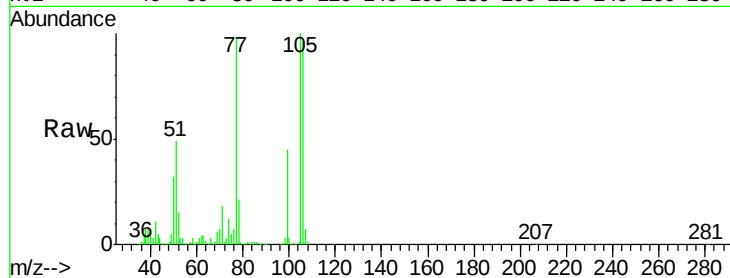
Tot Ion: 77 Resp: 766951

Ion Ratio Lower Upper

77 100

105 101.5 79.7 119.7

106 97.7 75.2 115.2



#10

Phenol

Concen: 55.41 ng

RT: 6.96 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

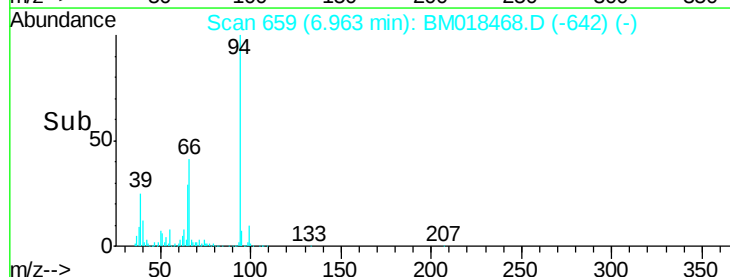
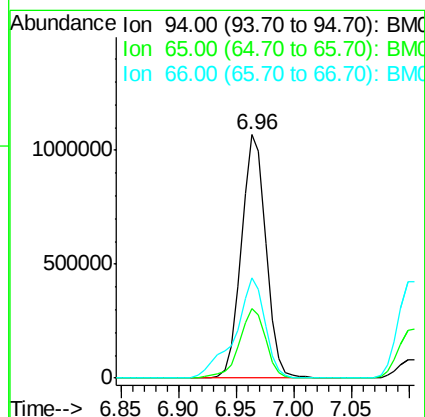
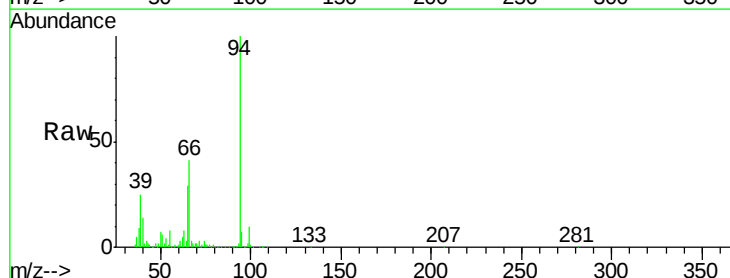
Tgt Ion: 94 Resp: 1575815

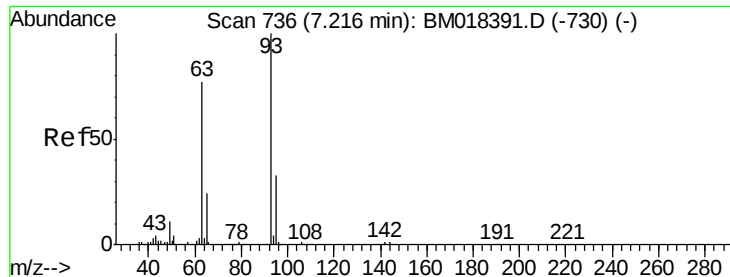
Ion Ratio Lower Upper

94 100

65 28.8 9.4 49.4

66 41.1 19.1 59.1



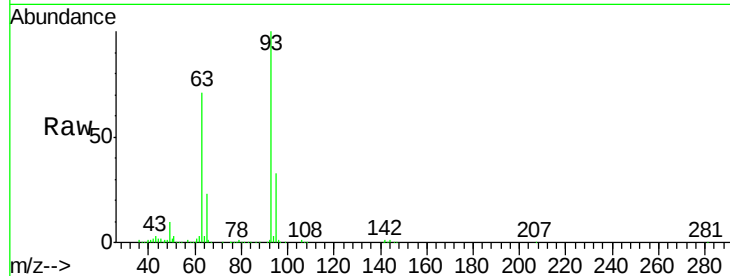


#11
bis(2-Chloroethyl)ether
Concen: 55.30 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Instrument :
BNA_M
ClientSampleID :
SSTDICC060

Tot Ion: 93 Resp: 1225872

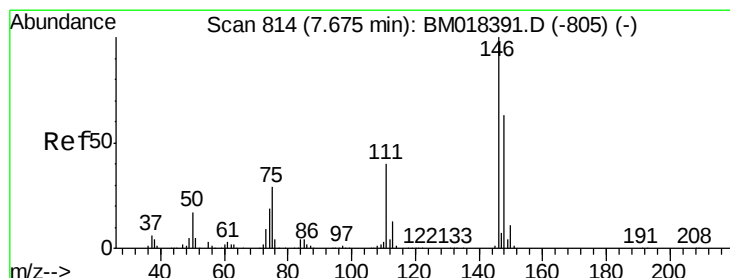
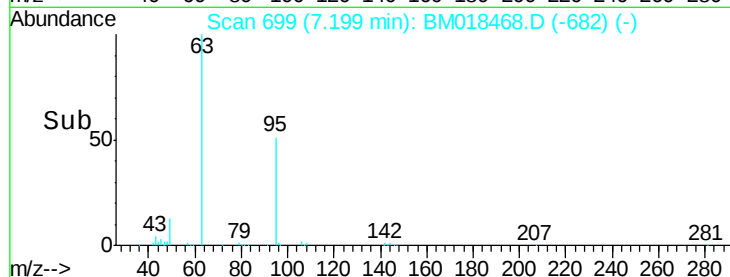
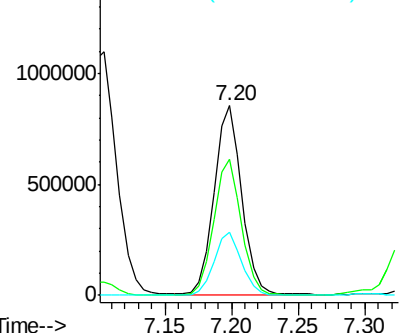
Ion	Ratio	Lower	Upper
93	100		
63	71.5	56.4	96.4
95	33.0	12.7	52.7



Abundance Ion 93.00 (92.70 to 93.70): BM018391.D (-730) (-)

Ion 63.00 (62.70 to 63.70): BM018391.D (-730) (-)

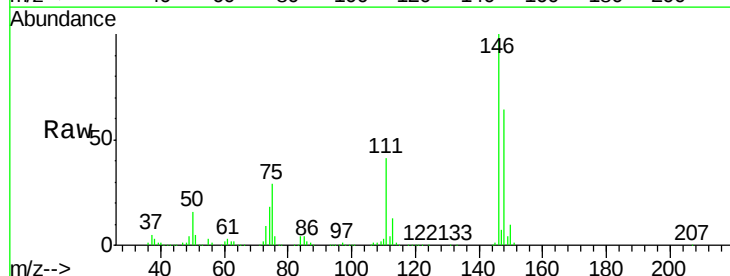
Ion 95.00 (94.70 to 95.70): BM018391.D (-730) (-)



#12
1,3-Dichlorobenzene
Concen: 58.52 ng
RT: 7.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:146 Resp: 1650407

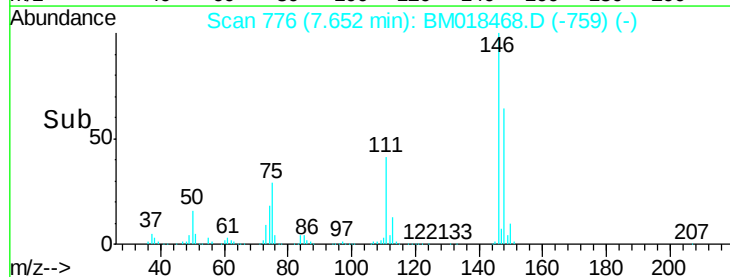
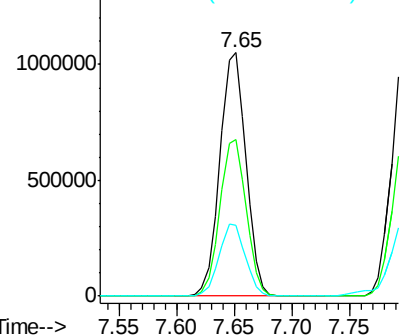
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	29.1	23.0	34.6

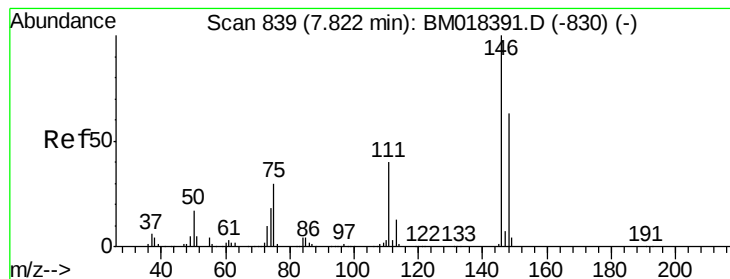


Abundance Ion 146.00 (145.70 to 146.70): BM018391.D (-805) (-)

Ion 148.00 (147.70 to 148.70): BM018391.D (-805) (-)

Ion 75.00 (74.70 to 75.70): BM018391.D (-805) (-)





#13

1,4-Dichlorobenzene

Concen: 58.53 ng

RT: 7.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampled :

SSTDICC060

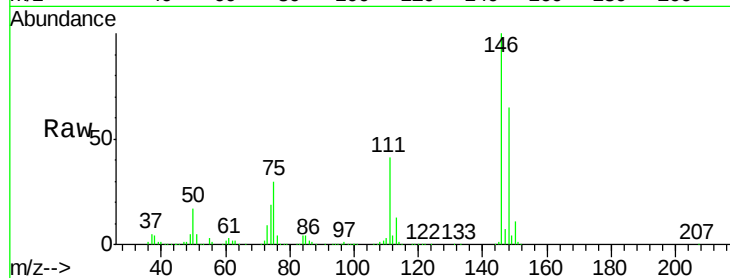
Tot Ion:146 Resp: 1676948

Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

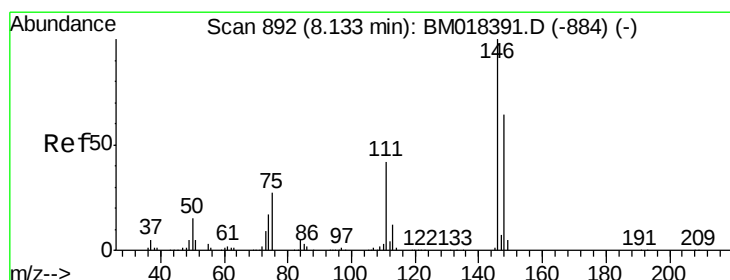
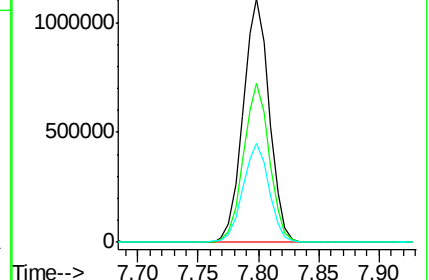
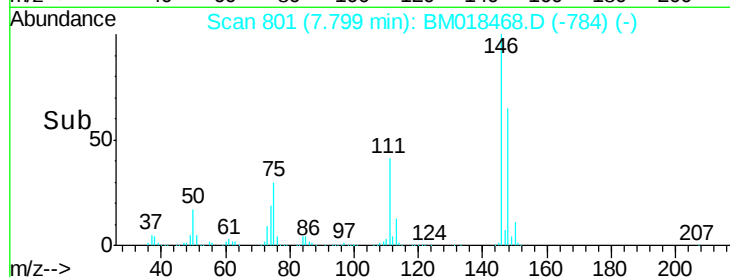
111 40.7 32.2 48.2



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: 56.62 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

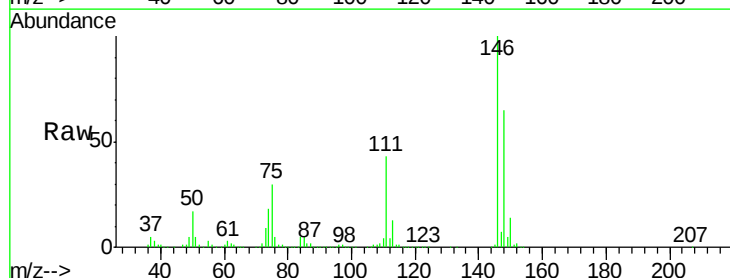
Tgt Ion:146 Resp: 1591826

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

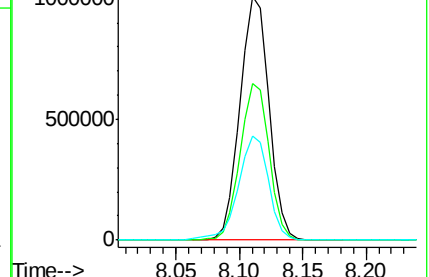
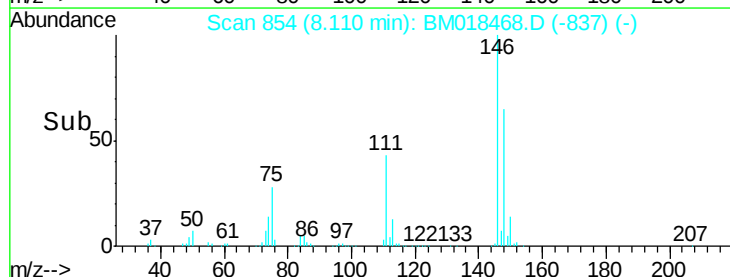
111 42.7 33.8 50.6

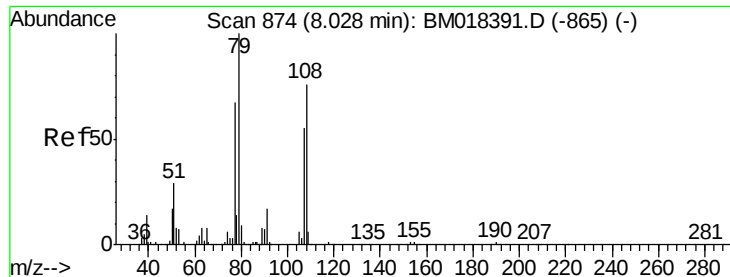


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.81 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

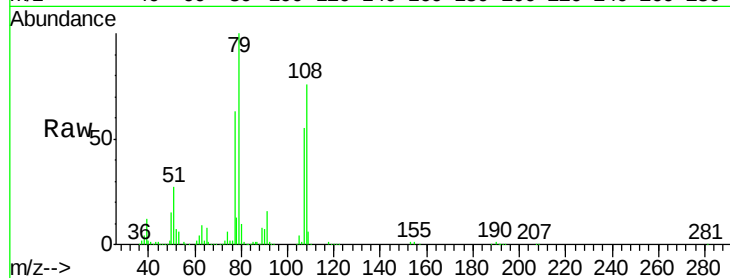
Tot Ion: 79 Resp: 1154679

Ion Ratio Lower Upper

79 100

108 75.7 60.4 90.6

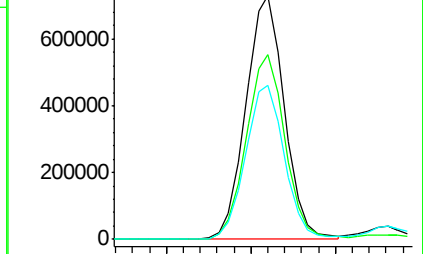
77 63.3 53.4 80.2



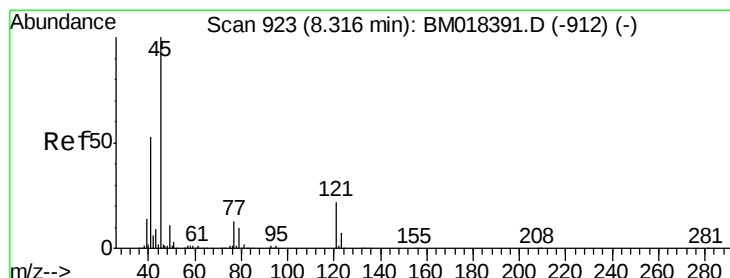
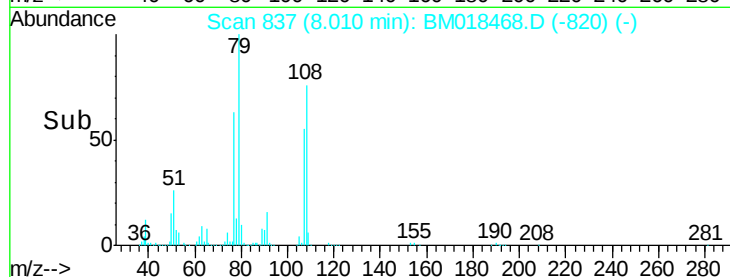
Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-865) (-)

Ion 108.00 (107.70 to 108.70): BM018391.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-865) (-)



Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.25 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

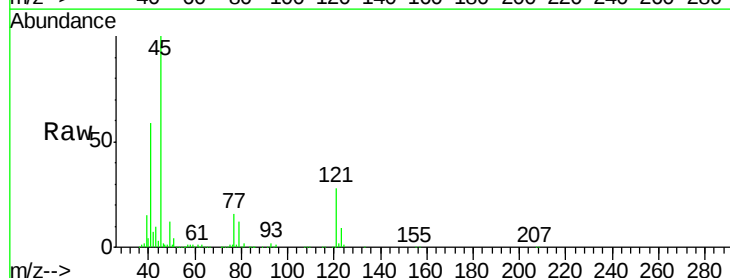
Tgt Ion: 45 Resp: 1526887

Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.4

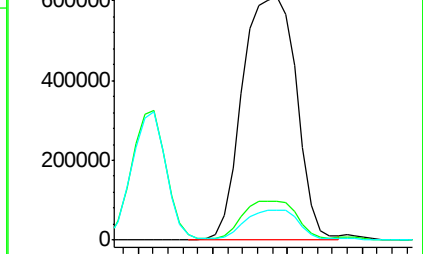
79 12.5 0.0 31.1



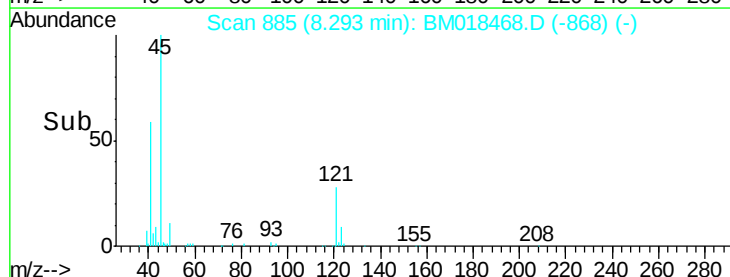
Abundance Ion 45.00 (44.70 to 45.70): BM018391.D (-912) (-)

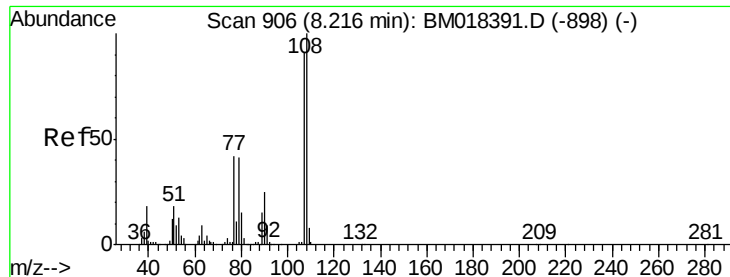
Ion 77.00 (76.70 to 77.70): BM018391.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM018391.D (-912) (-)



Time-->

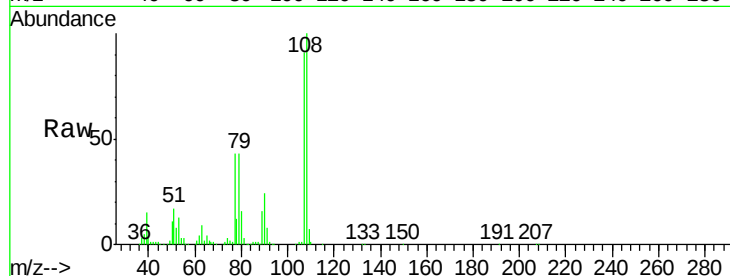




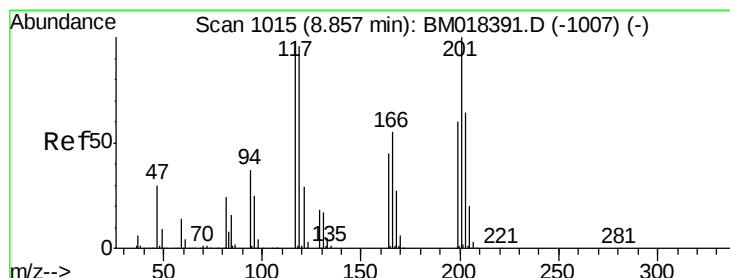
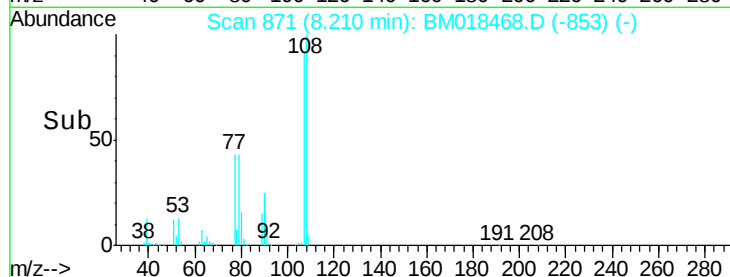
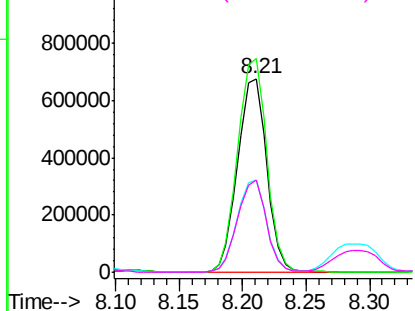
#17
2-Methylphenol
Concen: 53.56 ng
RT: 8.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion:107 Resp: 1079216
Ion Ratio Lower Upper
107 100
108 110.4 87.5 131.3
77 47.9 37.3 55.9
79 47.5 36.4 54.6

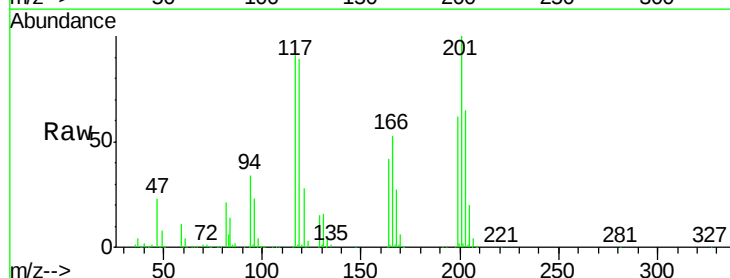


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

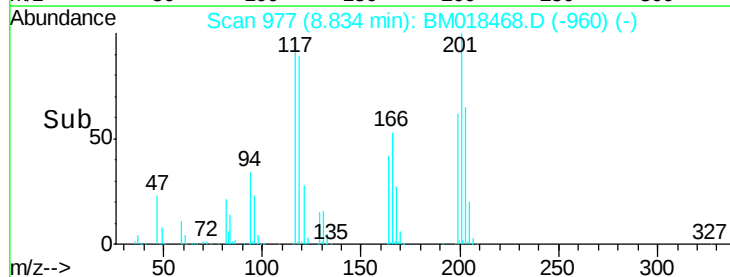
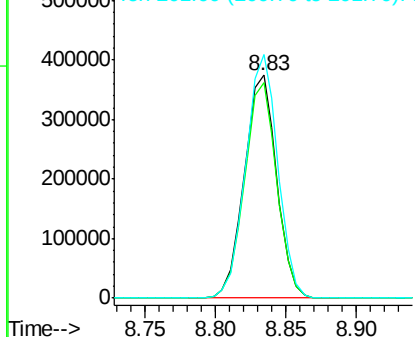


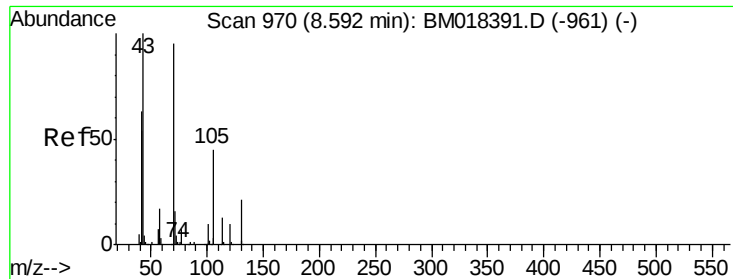
#18
Hexachloroethane
Concen: 58.77 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:117 Resp: 601096
Ion Ratio Lower Upper
117 100
119 97.0 78.3 117.5
201 109.3 81.4 122.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

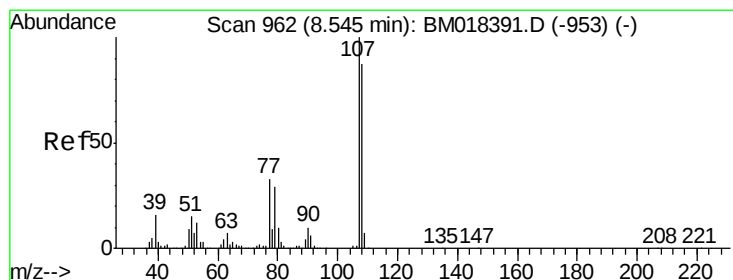
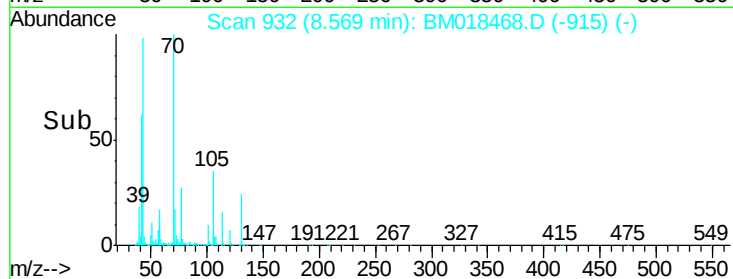
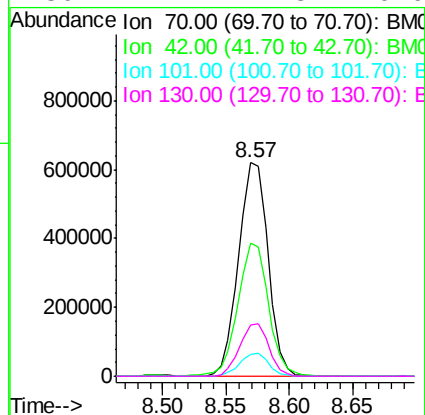
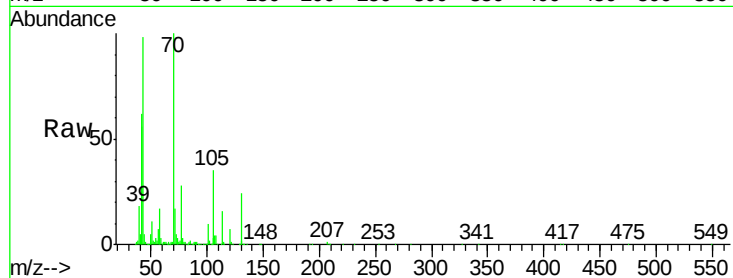




#19
n-Nitroso-di-n-propylamine
Concen: 47.49 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

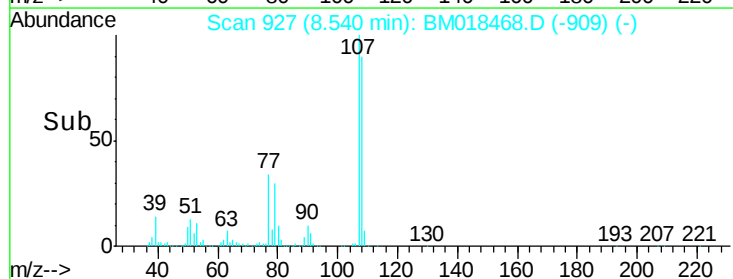
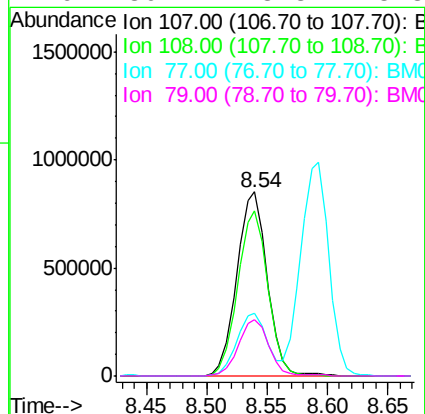
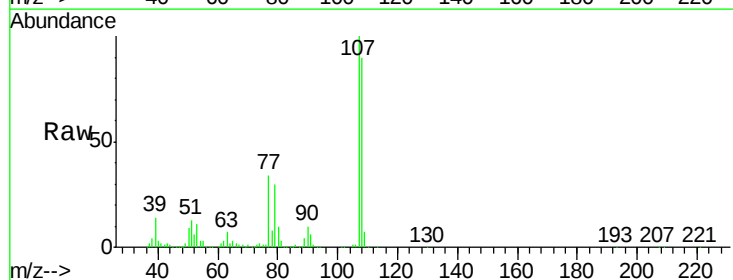
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

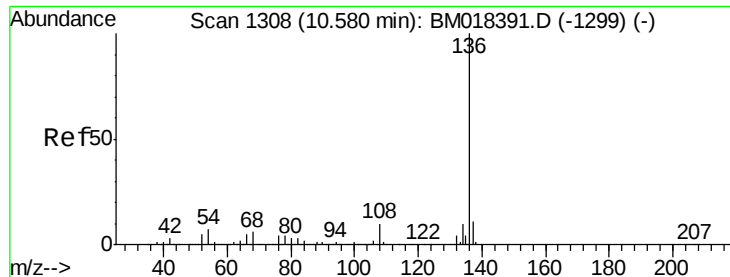
Tot Ion: 70 Resp: 1000199
Ion Ratio Lower Upper
70 100
42 62.2 54.0 81.0
101 10.5 8.1 12.1
130 24.2 17.8 26.6



#20
3+4-Methylphenols
Concen: 55.38 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion: 107 Resp: 1496837
Ion Ratio Lower Upper
107 100
108 89.5 66.8 106.8
77 34.0 13.3 53.3
79 30.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 1446191

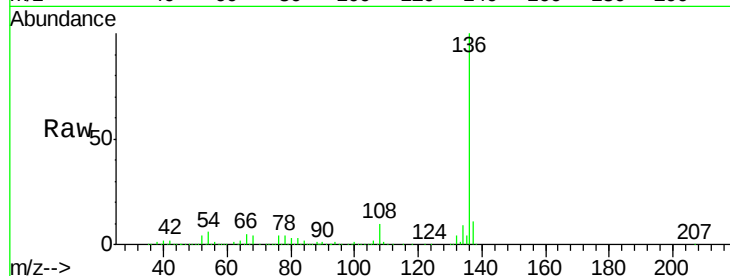
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.3 6.0 9.0

68 4.4 4.5 6.7#

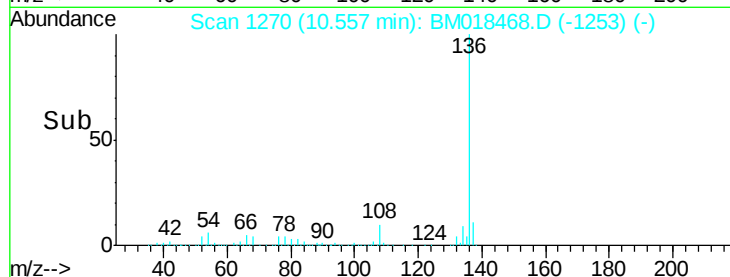


Abundance Ion 136.00 (135.70 to 136.70): E

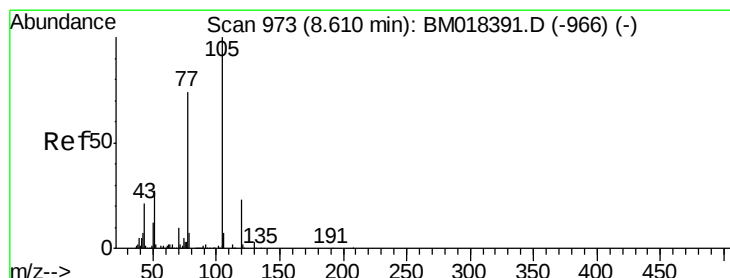
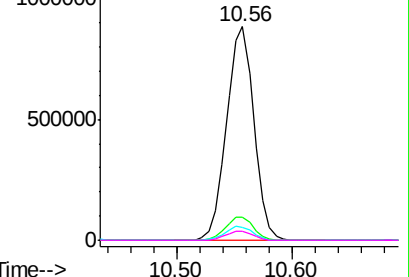
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 58.67 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Tgt Ion:105 Resp: 2154352

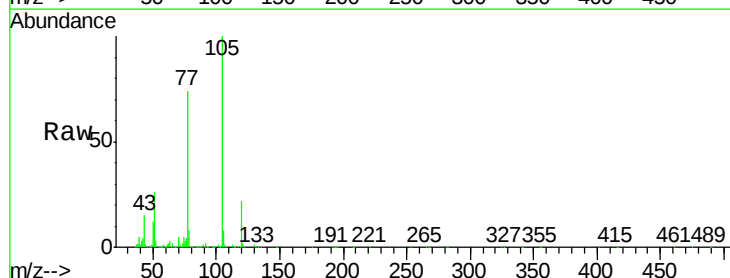
Ion Ratio Lower Upper

105 100

71 0.8 1.7 2.5#

51 26.1 22.6 34.0

120 22.4 18.3 27.5

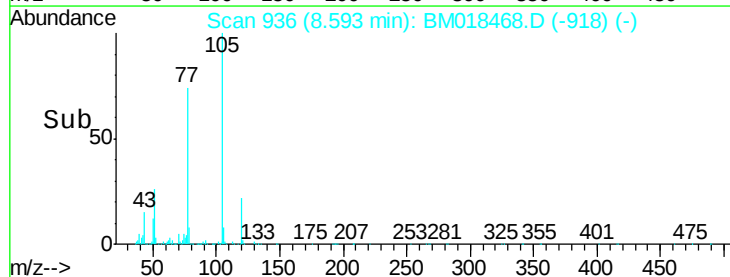


Abundance Ion 105.00 (104.70 to 105.70): E

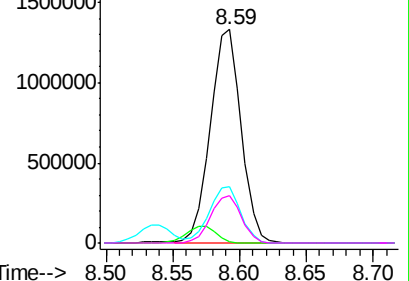
Ion 71.00 (70.70 to 71.70): BM

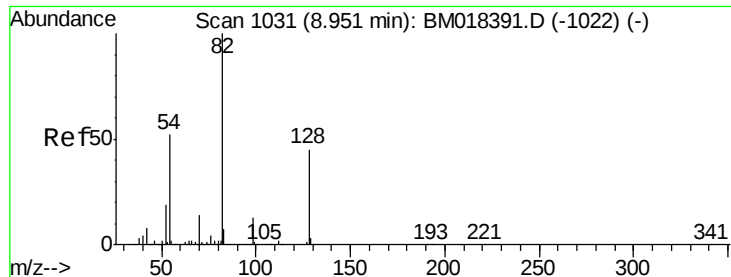
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->

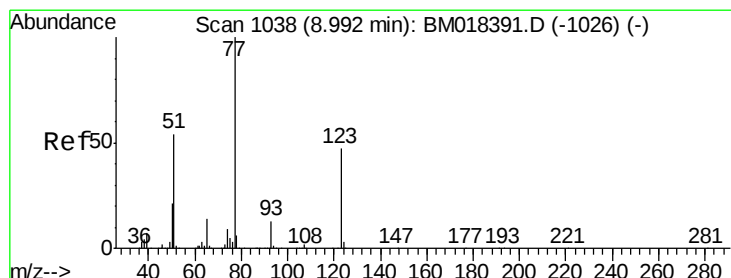
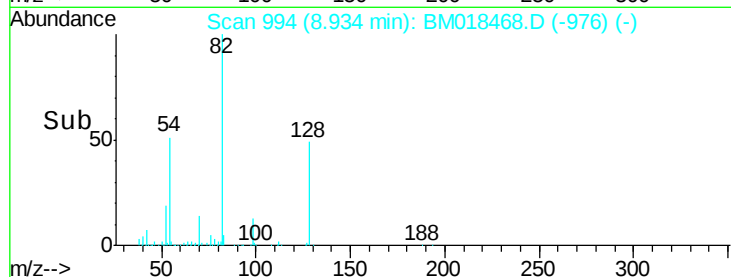
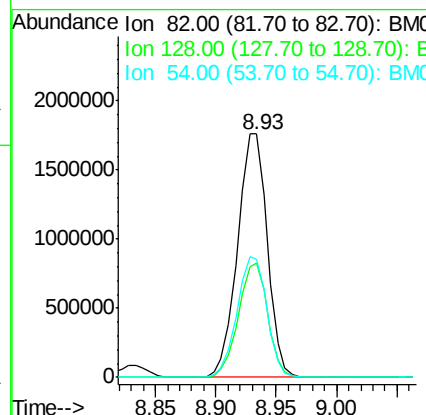
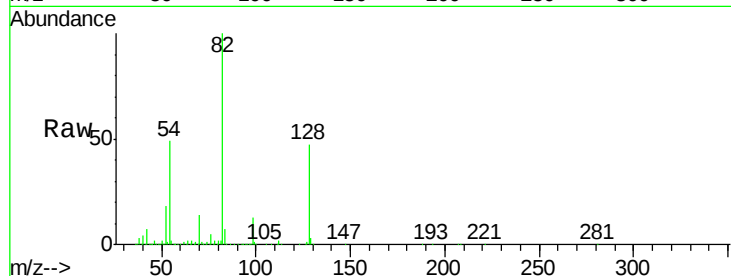




#23
 Nitrobenzene-d5
 Concen: 120.46 ng
 RT: 8.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BM018468.D
 Acq: 09 Jan 2019 11:21

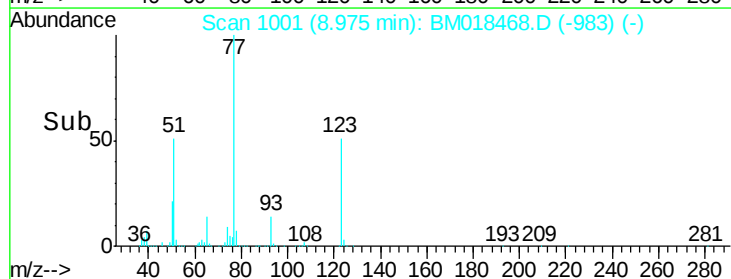
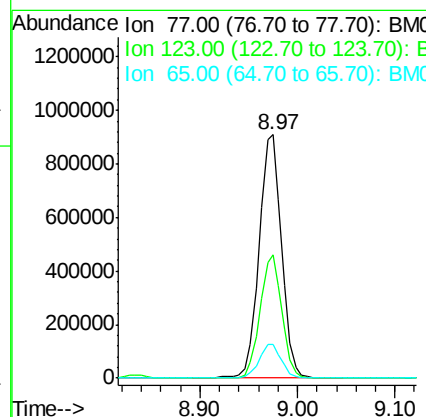
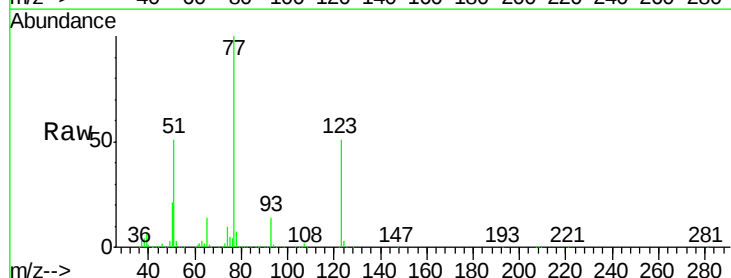
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

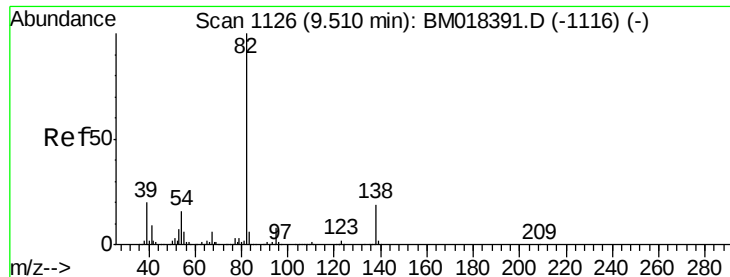
Tot Ion: 82 Resp: 3035410
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 48.7 41.7 62.5



#24
 Nitrobenzene
 Concen: 58.89 ng
 RT: 8.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BM018468.D
 Acq: 09 Jan 2019 11:21

Tgt Ion: 77 Resp: 1468577
 Ion Ratio Lower Upper
 77 100
 123 50.7 37.7 56.5
 65 13.6 11.0 16.6





#25

Isophorone

Concen: 53.71 ng

RT: 9.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

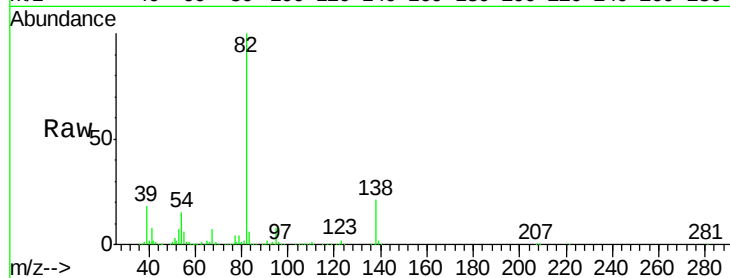
Tot Ion: 82 Resp: 2347479

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

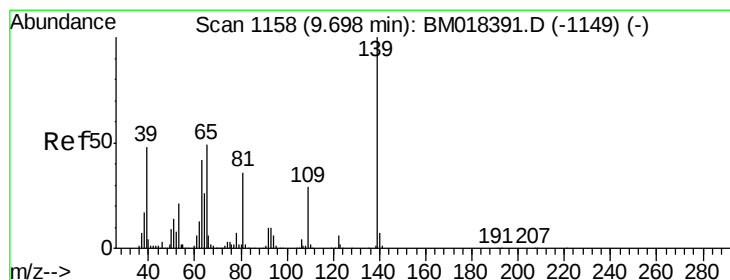
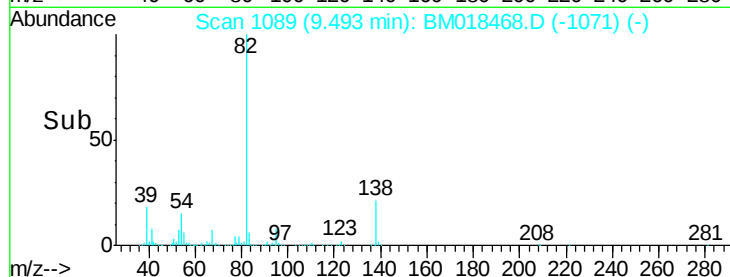
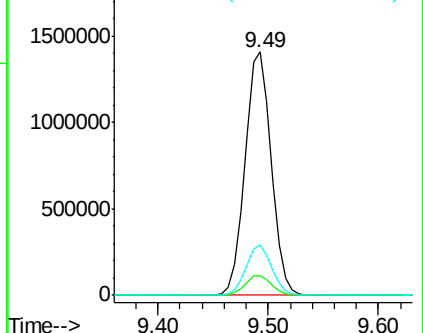
138 20.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018468.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018468.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018468.D (-1071) (-)



#26

2-Nitrophenol

Concen: 81.50 ng

RT: 9.67 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

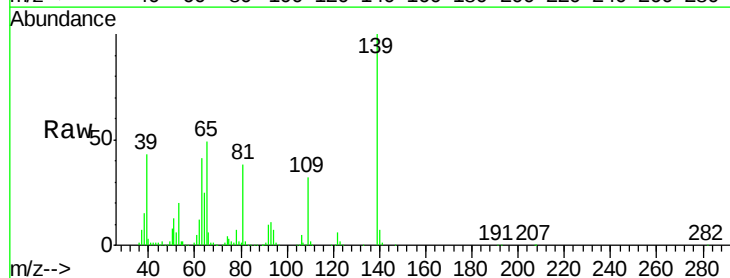
Tgt Ion: 139 Resp: 786802

Ion Ratio Lower Upper

139 100

109 32.4 23.4 35.2

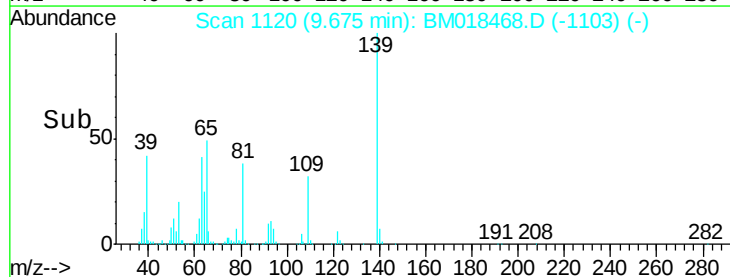
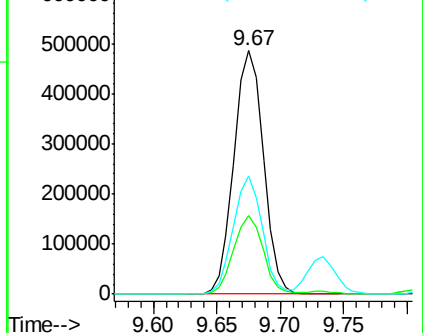
65 48.7 39.4 59.2

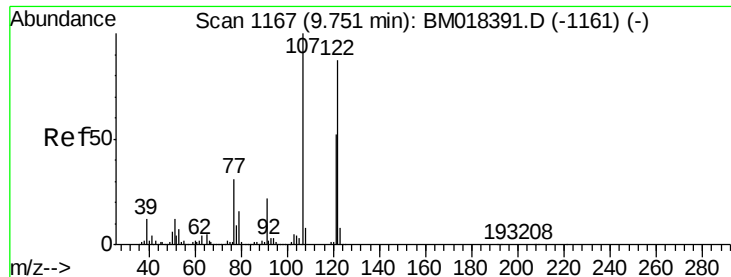


Abundance Ion 139.00 (138.70 to 139.70): BM018468.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM018468.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM018468.D (-1103) (-)





#27

2,4-Dimethylphenol

Concen: 61.09 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

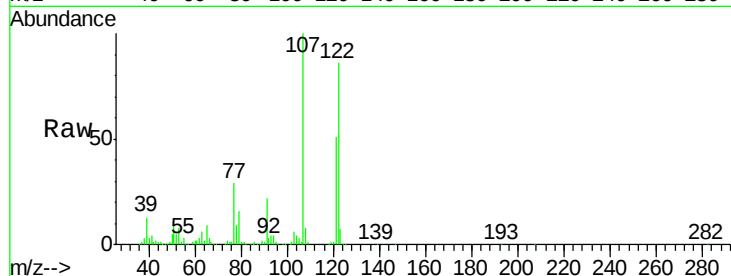
Tot Ion:122 Resp: 1106055

Ion Ratio Lower Upper

122 100

107 115.9 91.9 137.9

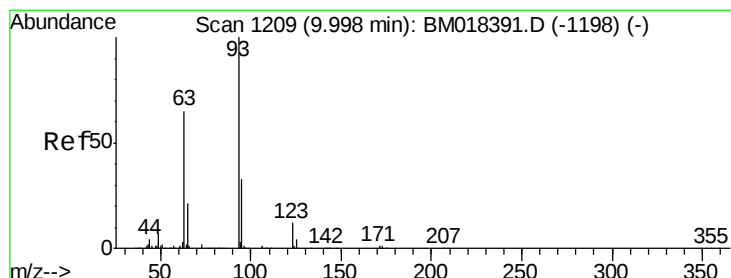
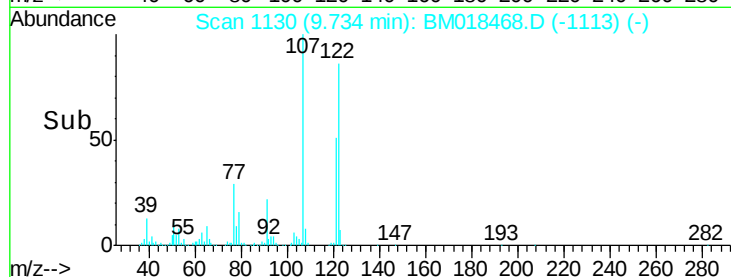
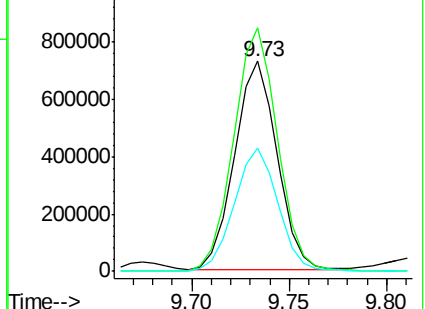
121 58.6 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 57.62 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

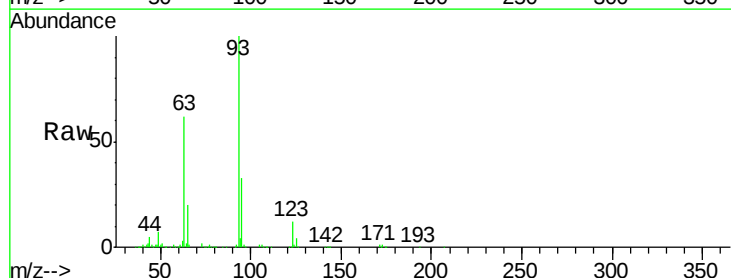
Tgt Ion: 93 Resp: 1580717

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

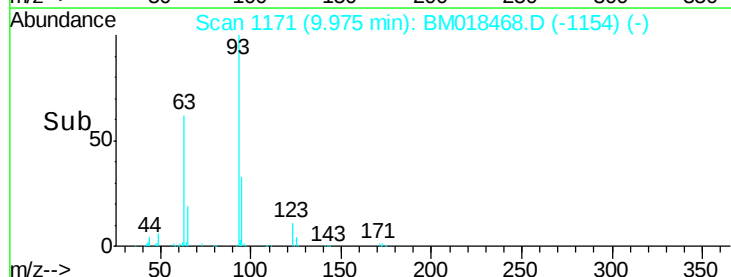
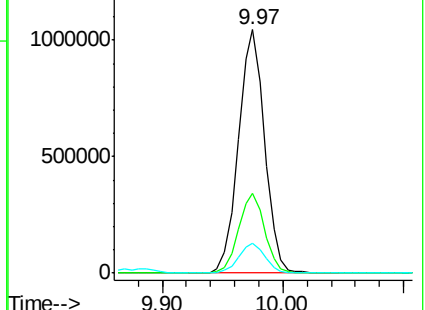
123 12.3 9.9 14.9

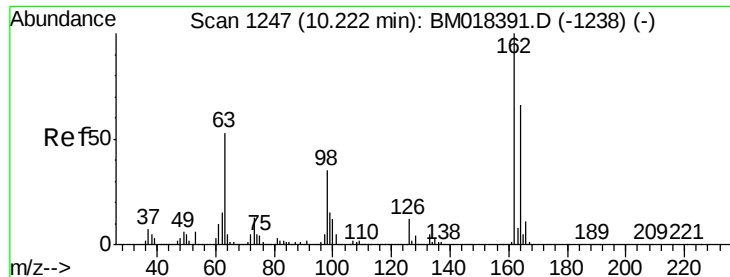


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

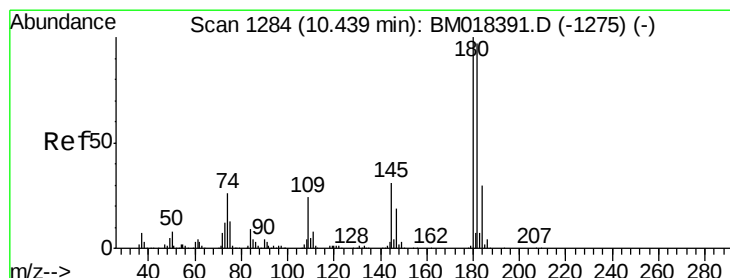
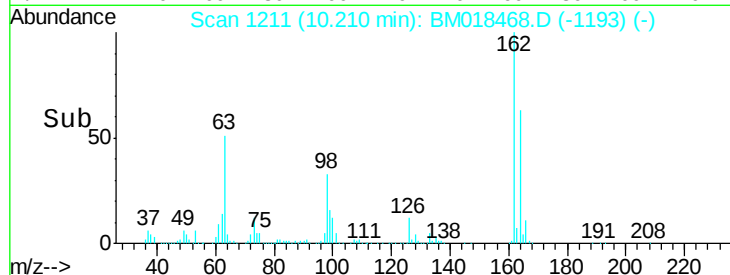
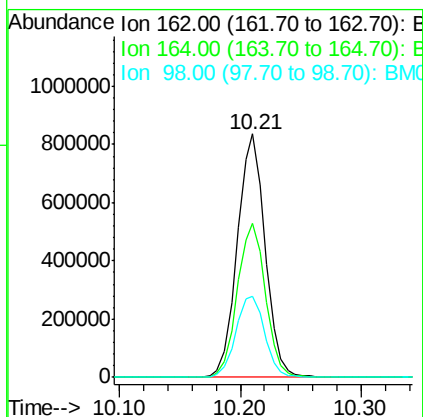
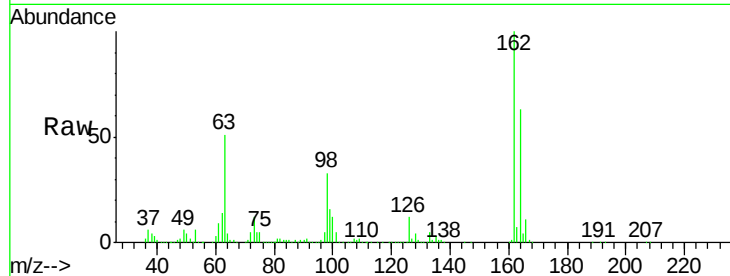




#29
2,4-Dichlorophenol
Concen: 67.39 ng
RT: 10.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

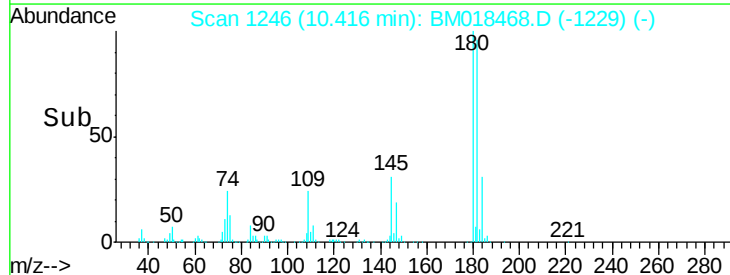
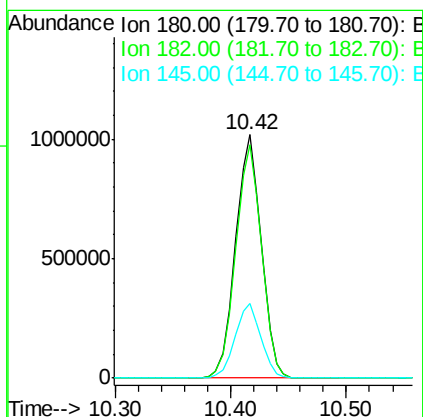
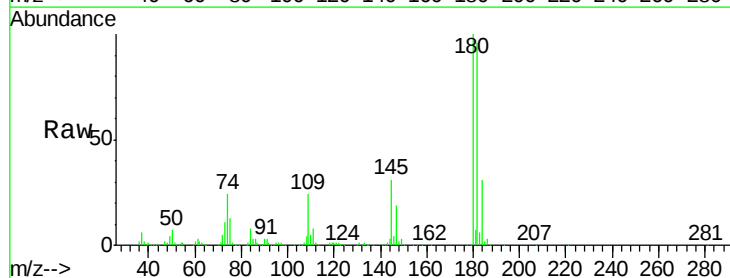
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

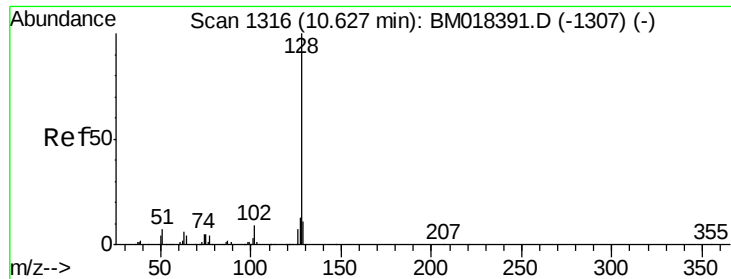
Tot Ion:162 Resp: 1349408
Ion Ratio Lower Upper
162 100
164 63.0 45.6 85.6
98 33.3 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 63.87 ng
RT: 10.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:180 Resp: 1566592
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.2
145 30.9 24.6 37.0

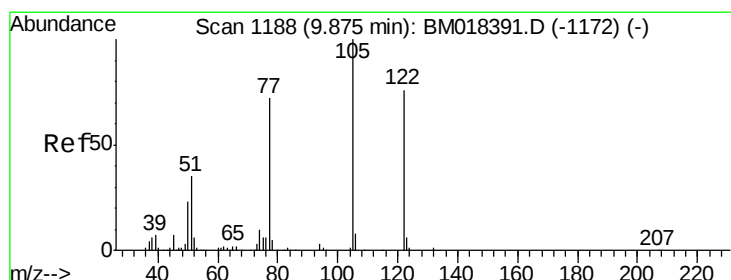
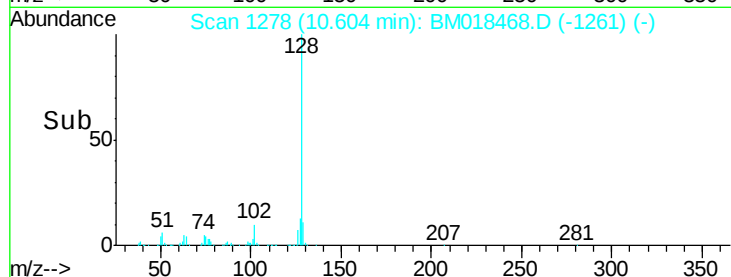
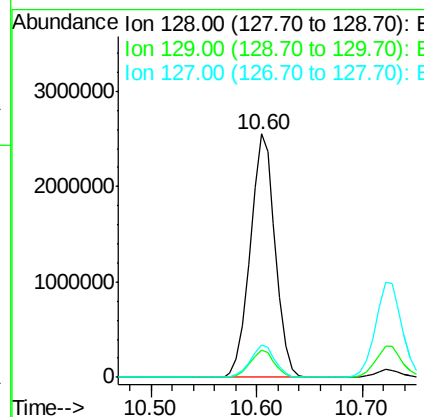
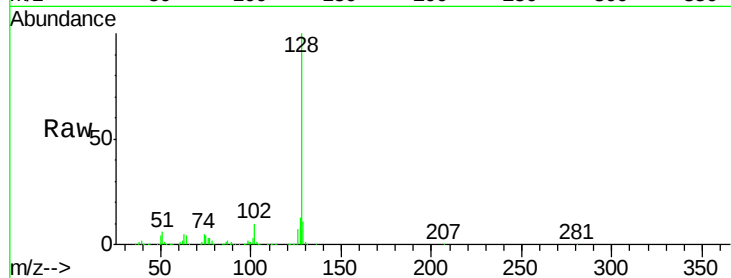




#31
Naphthalene
Concen: 59.61 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

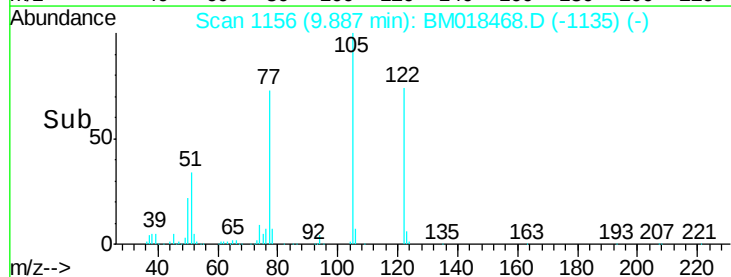
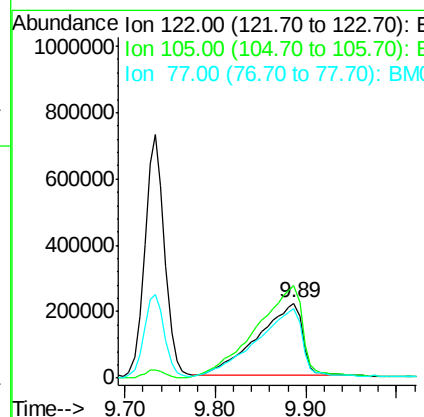
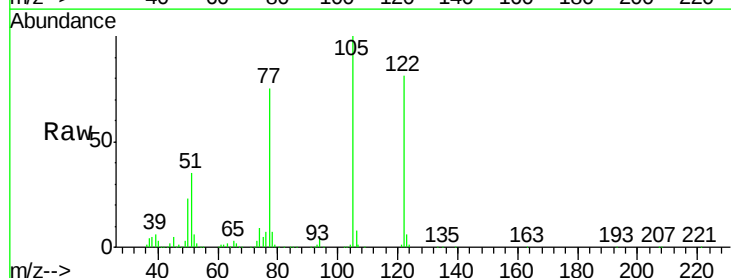
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

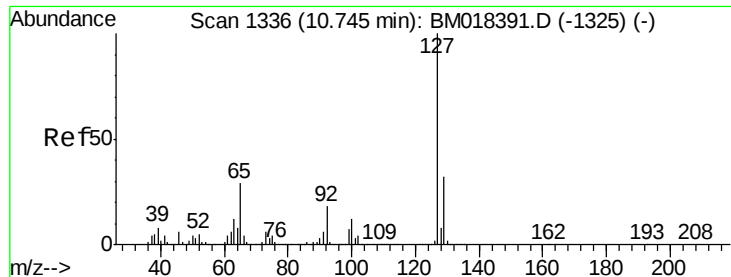
Tot Ion:128 Resp: 4154751
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 73.12 ng
RT: 9.89 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:122 Resp: 737349
Ion Ratio Lower Upper
122 100
105 123.2 100.4 140.4
77 92.5 71.7 111.7

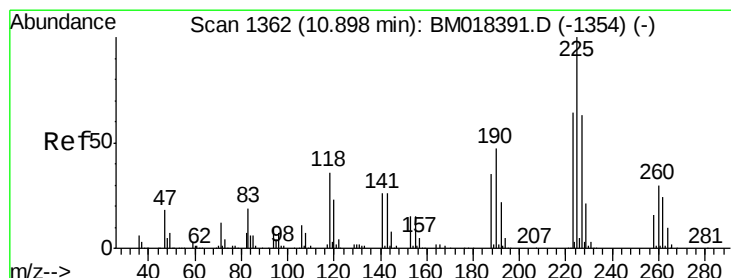
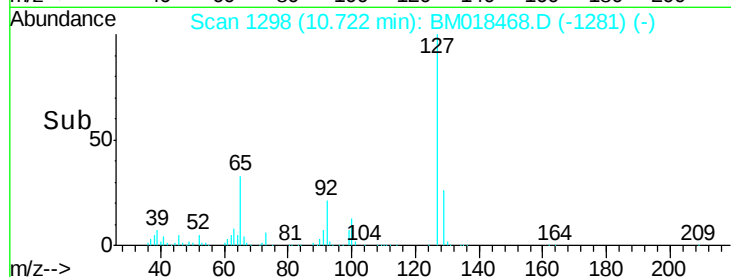
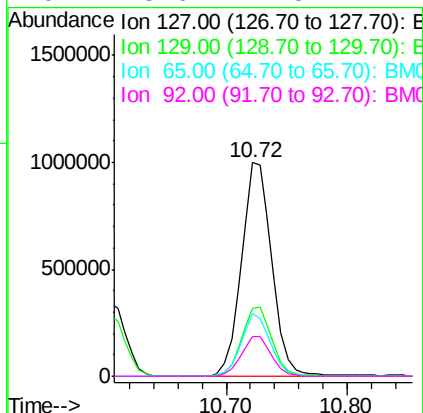
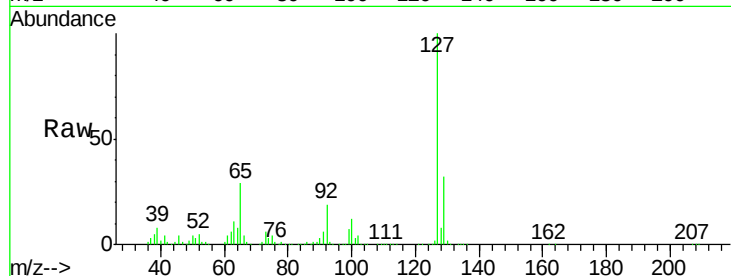




#33
4-Chloroaniline
Concen: 54.63 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

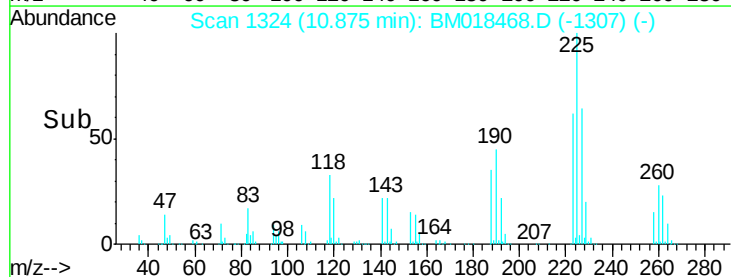
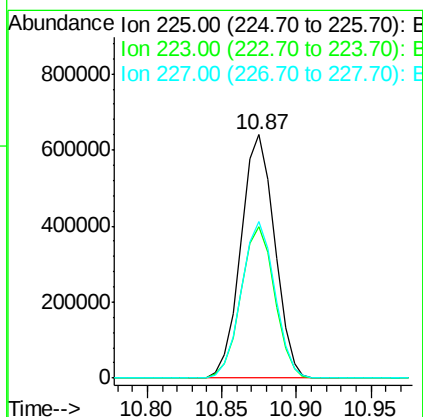
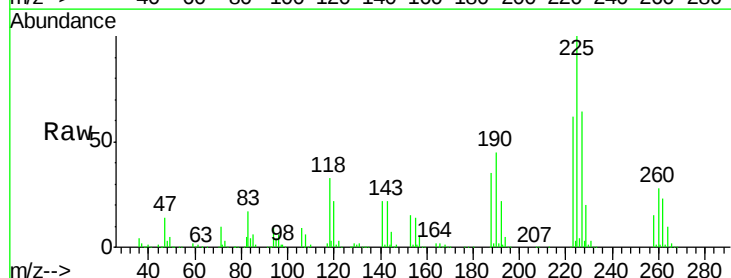
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

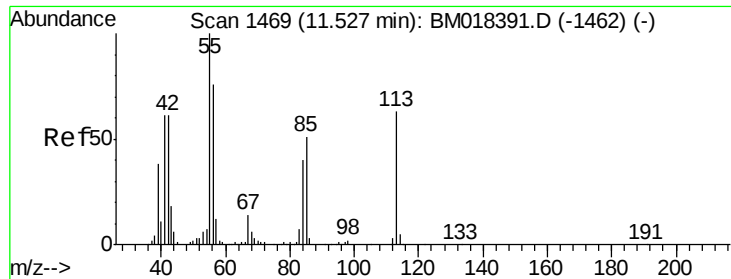
Tot Ion:	127	Resp:	1744559
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	29.2	23.4	35.2
92	18.6	14.5	21.7



#34
Hexachlorobutadiene
Concen: 67.34 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:	225	Resp:	1002911
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.8	76.2
227	64.1	50.4	75.6





#35

Caprolactam

Concen: 58.20 ng

RT: 11.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

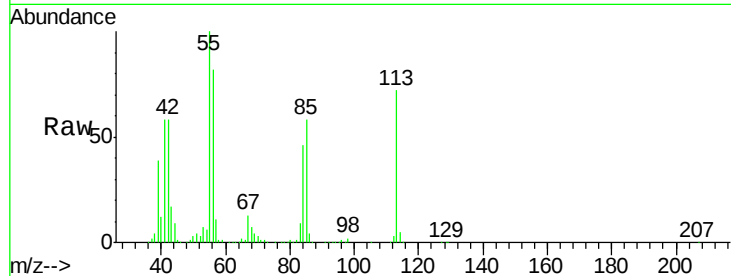
Tot Ion:113 Resp: 430656

Ion Ratio Lower Upper

113 100

55 139.5 139.3 179.3

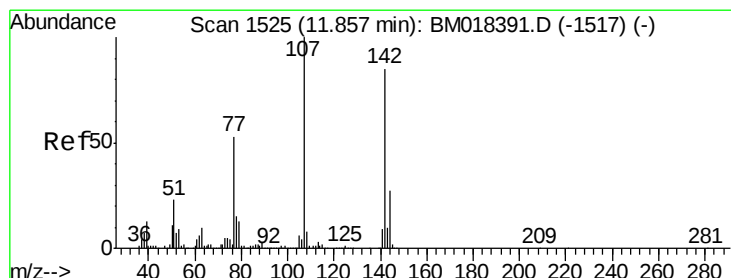
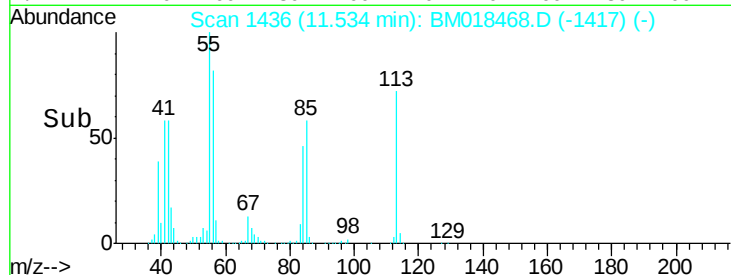
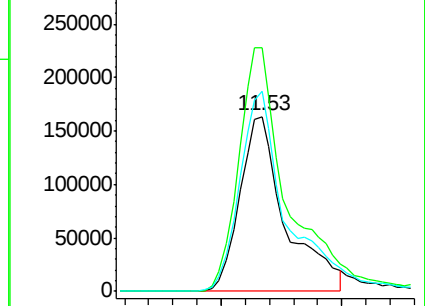
56 114.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 62.18 ng

RT: 11.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

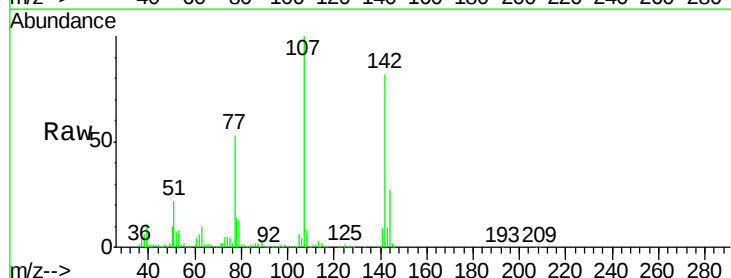
Tgt Ion:107 Resp: 1411233

Ion Ratio Lower Upper

107 100

144 26.5 21.9 32.9

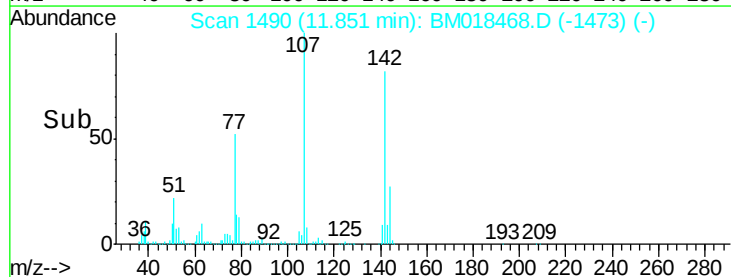
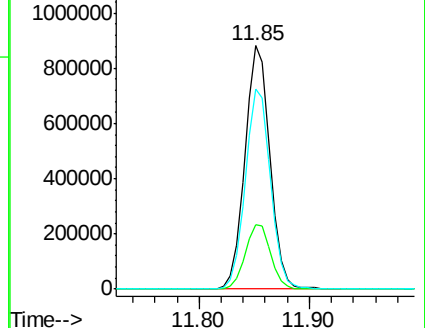
142 82.3 67.9 101.9

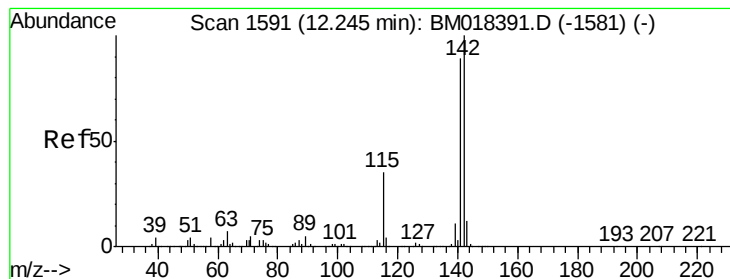


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

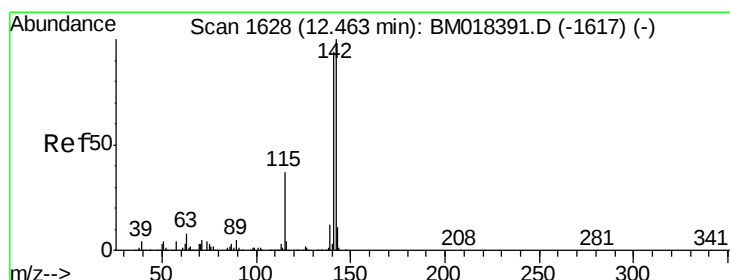
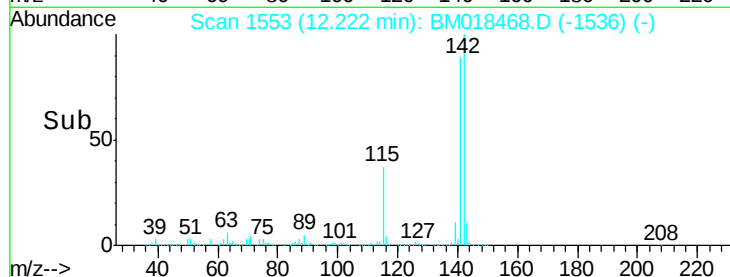
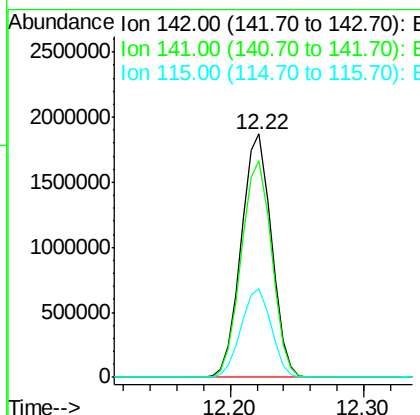
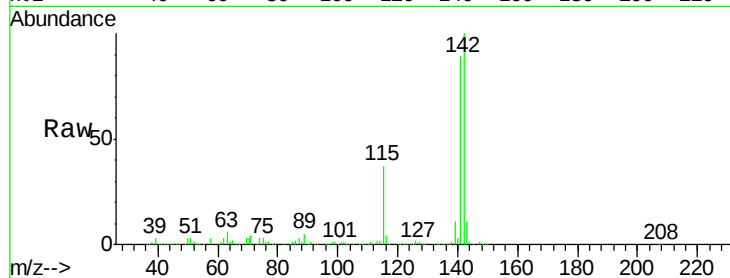




#37
2-Methylnaphthalene
Concen: 57.41 ng
RT: 12.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

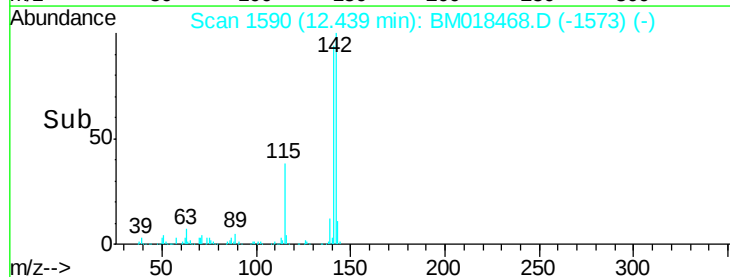
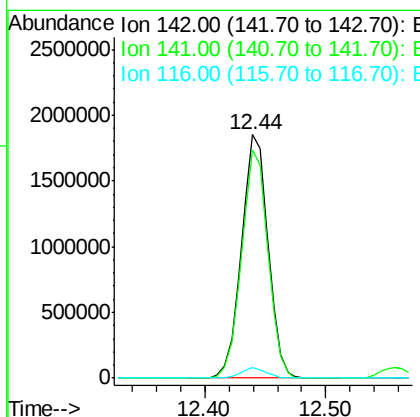
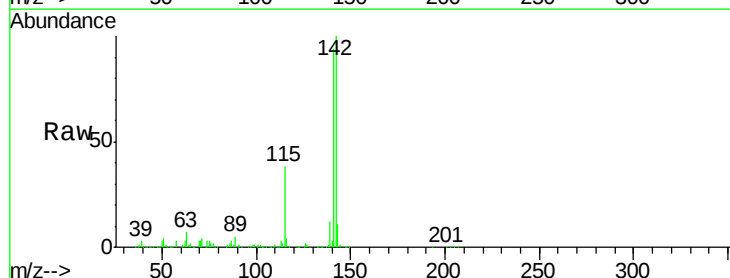
Instrument :
BNA_M
ClientSampleId :
SSTDIC060

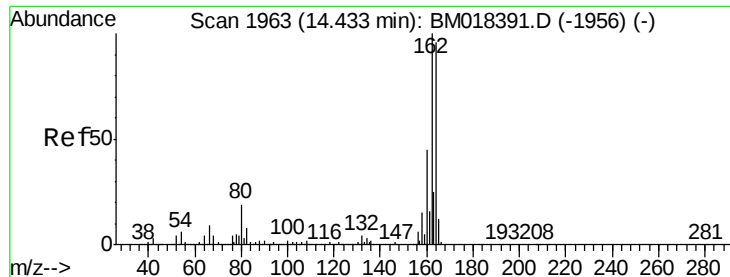
Tot Ion:142 Resp: 2930606
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 36.5 28.0 42.0



#38
1-Methylnaphthalene
Concen: 57.23 ng
RT: 12.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:142 Resp: 2839468
Ion Ratio Lower Upper
142 100
141 93.8 75.6 113.4
116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

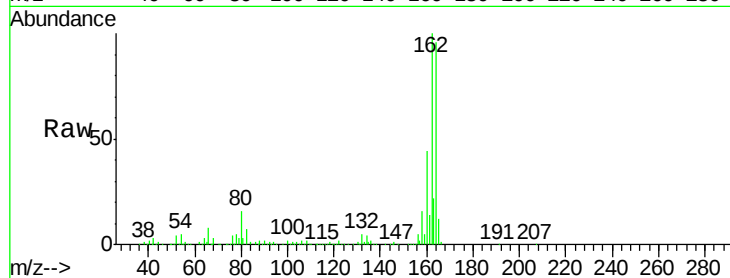
Tot Ion:164 Resp: 800328

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

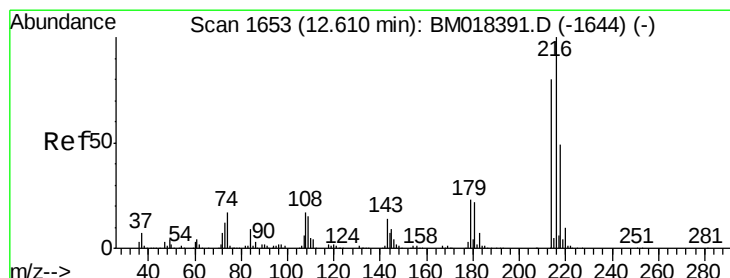
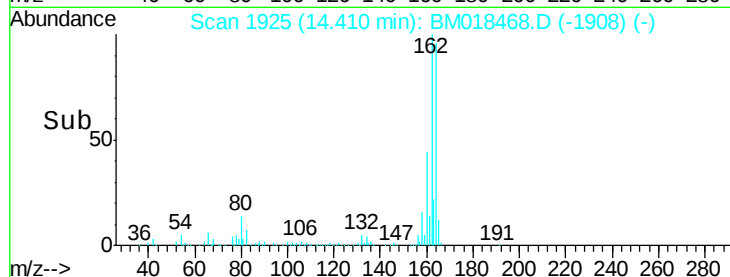
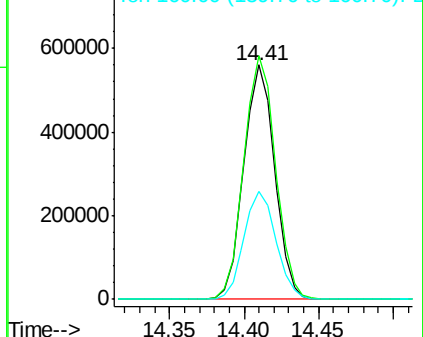
160 46.0 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 68.00 ng

RT: 12.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Tgt Ion:216 Resp: 1703749

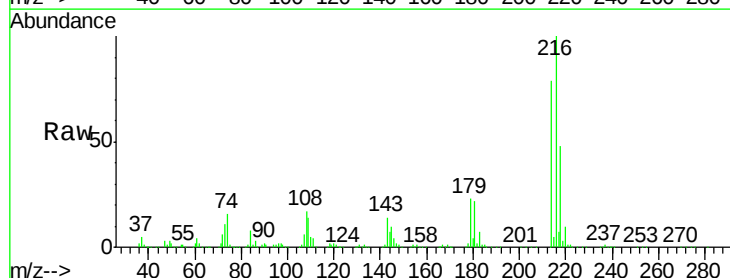
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.1 17.9 26.9

108 18.4 15.8 23.6

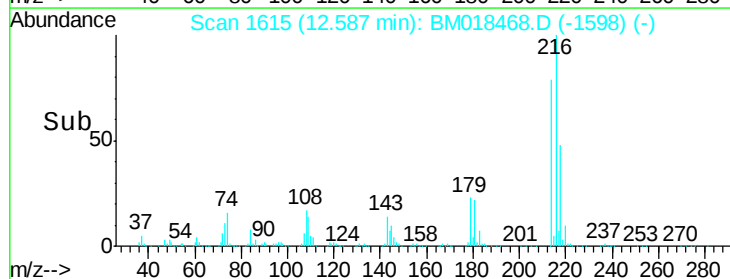
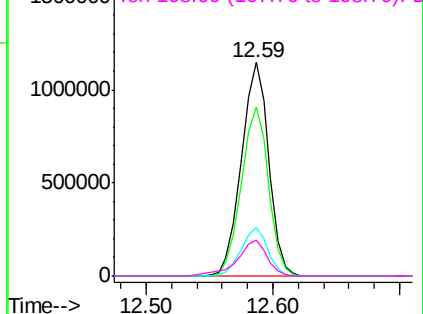


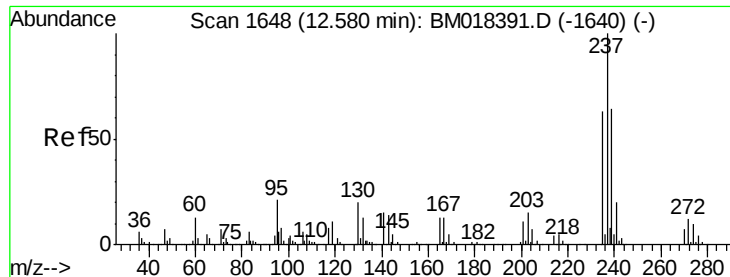
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.05 ng

RT: 12.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

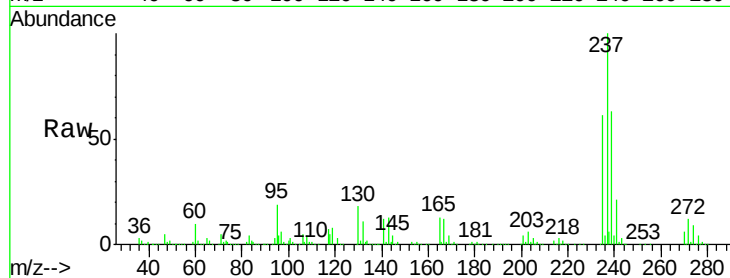
BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:237 Resp: 1008924

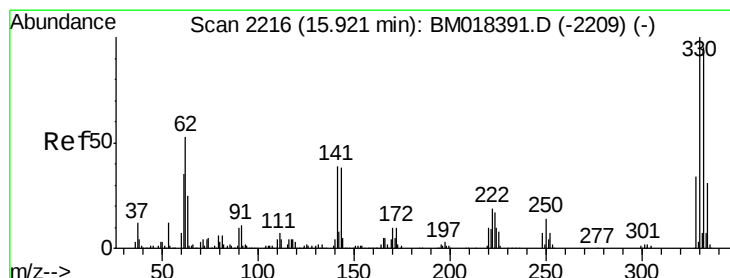
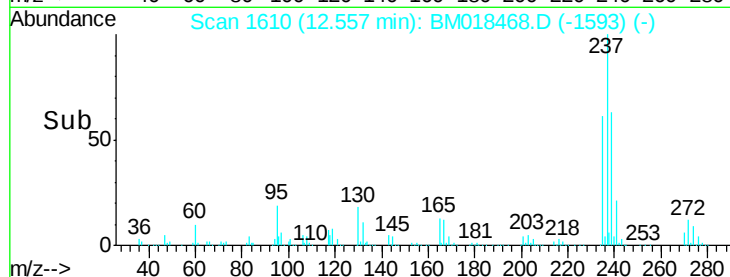
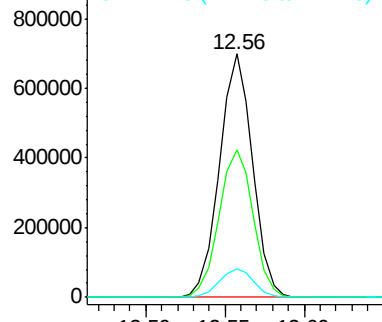
Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.8	82.8
272	11.5	0.0	31.9



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: 130.53 ng

RT: 15.90 min Scan# 2179

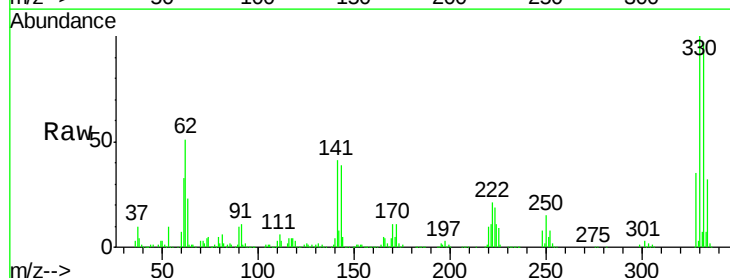
Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Tgt Ion:330 Resp: 1327313

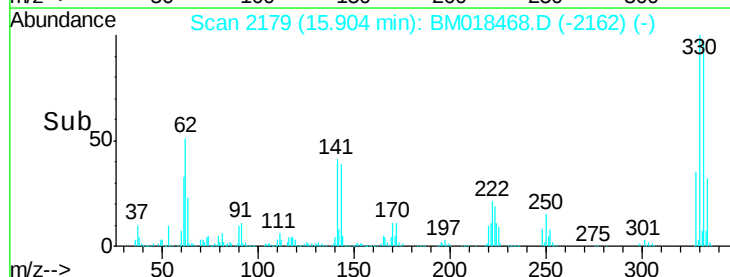
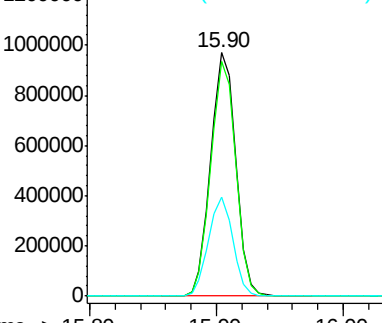
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	39.7	31.7	47.5

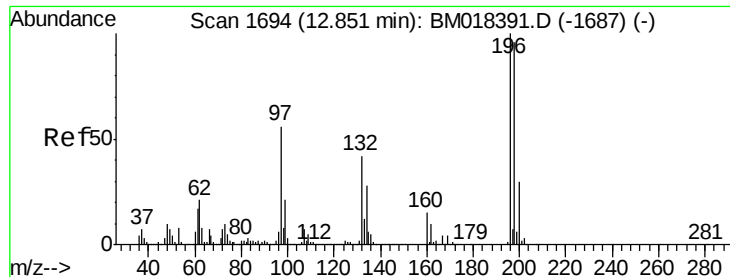


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

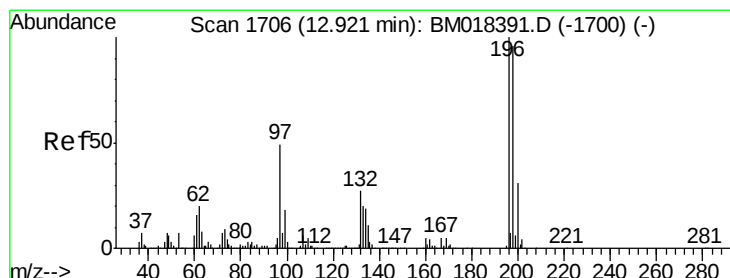
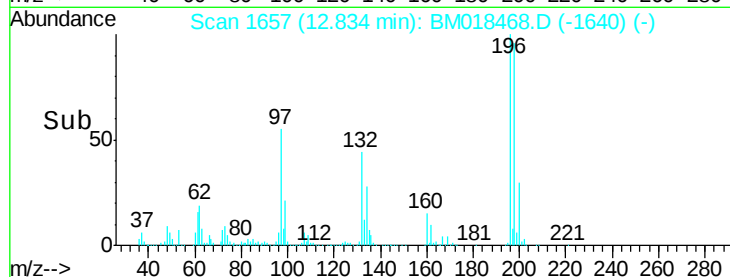
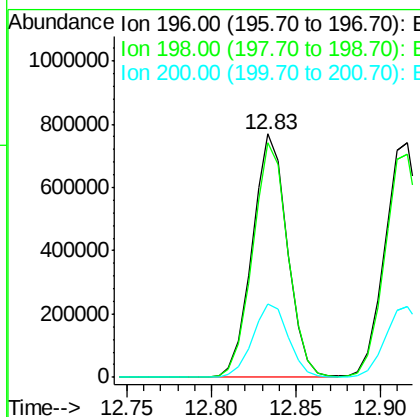
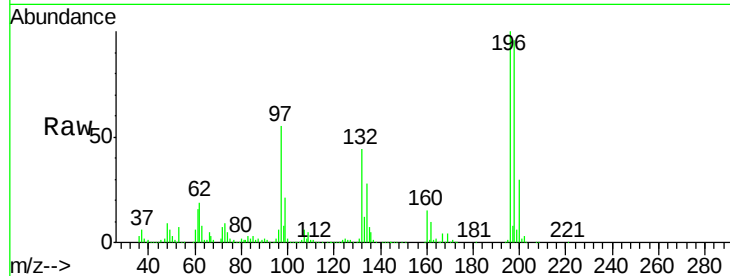




#43
2,4,6-Trichlorophenol
Concen: 78.03 ng
RT: 12.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

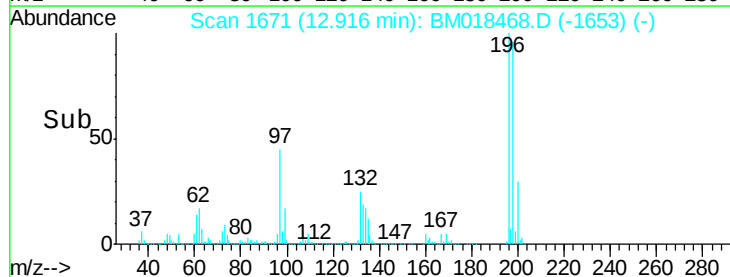
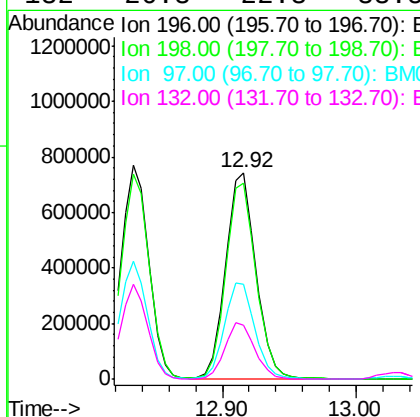
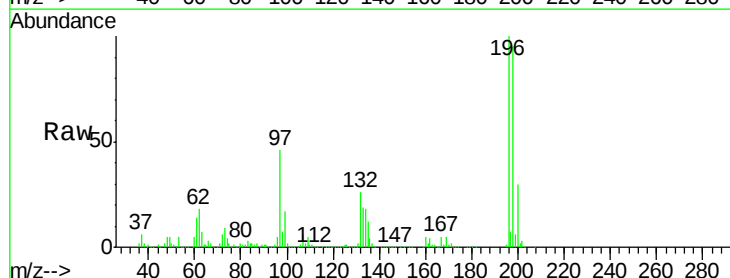
Instrument :
BNA_M
ClientSampleId :
SSTDIC060

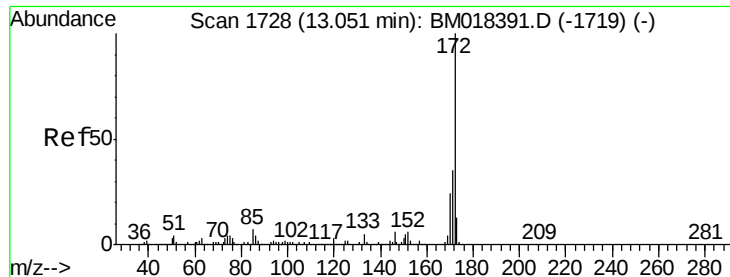
Tot Ion:196 Resp: 1110525
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
200 30.3 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 75.15 ng
RT: 12.92 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:196 Resp: 1168864
Ion Ratio Lower Upper
196 100
198 95.2 76.7 115.1
97 45.9 39.2 58.8
132 26.3 22.3 33.5

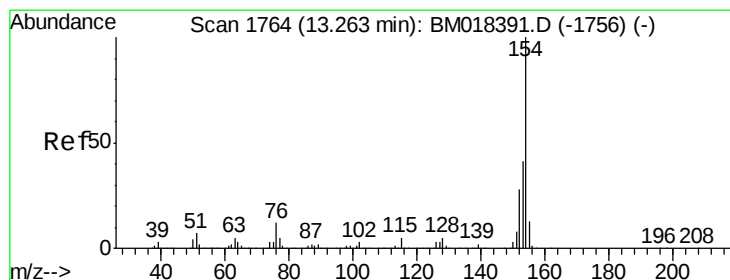
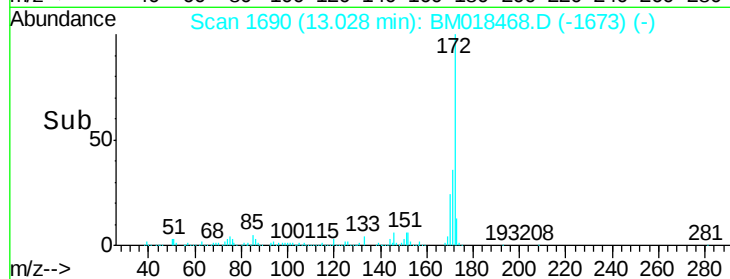
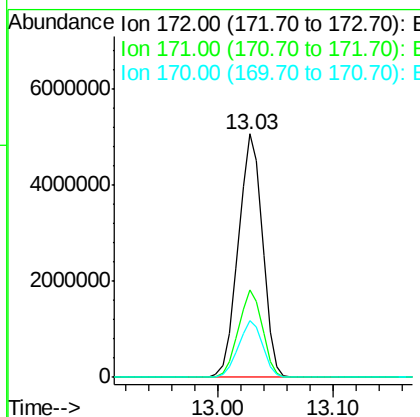
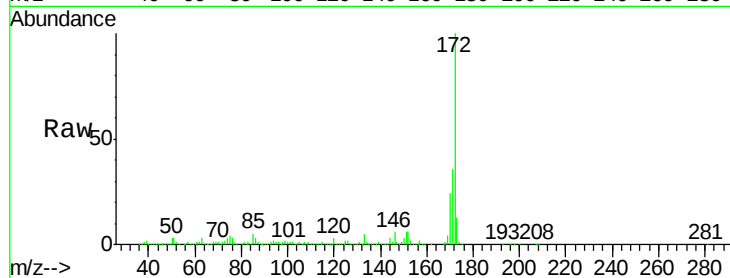




#45
2-Fluorobiphenyl
Concen: 124.59 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

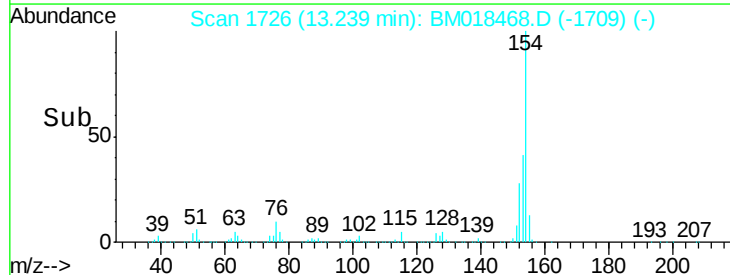
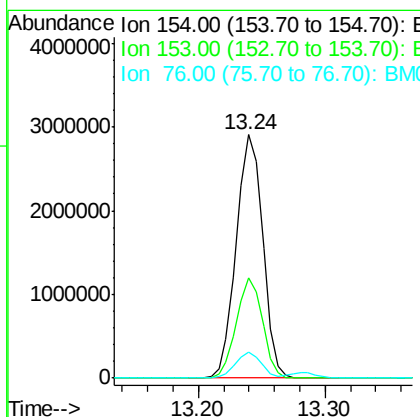
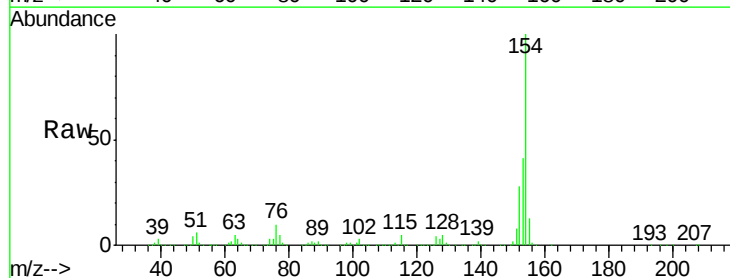
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

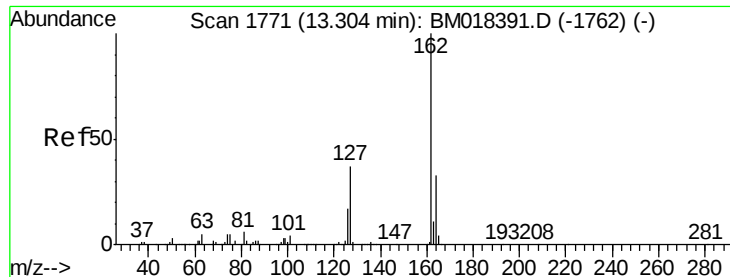
Tot Ion:172 Resp: 7362048
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 61.48 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:154 Resp: 4204421
Ion Ratio Lower Upper
154 100
153 41.4 20.5 60.5
76 10.4 0.0 31.9

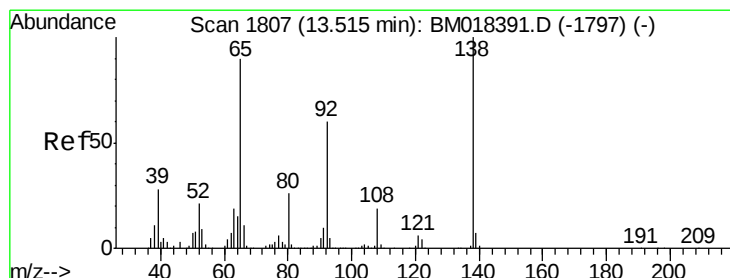
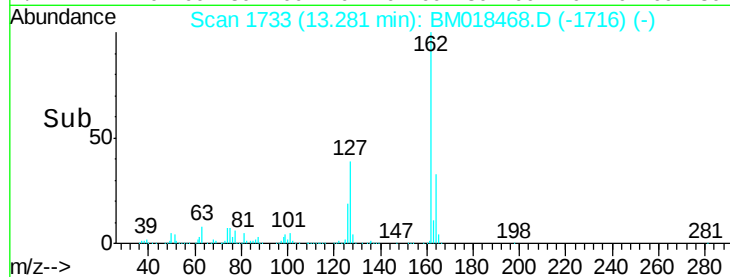
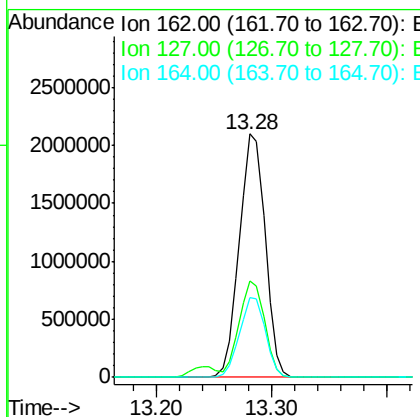
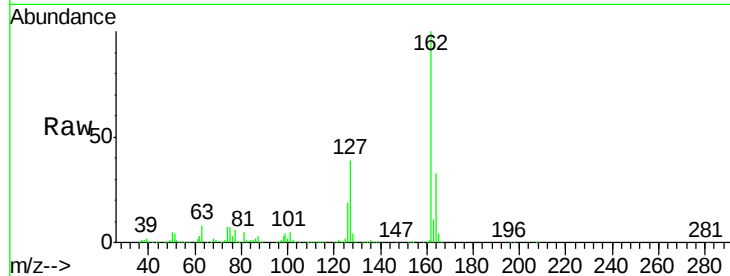




#47
2-Chloronaphthalene
Concen: 62.43 ng
RT: 13.28 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

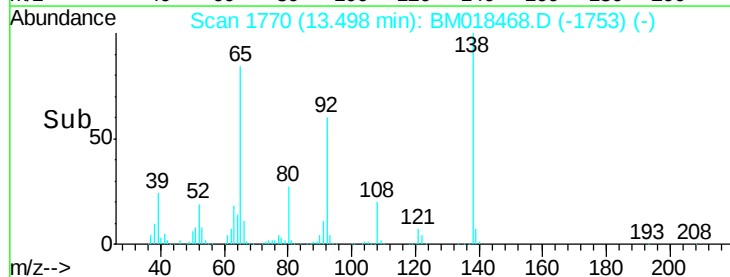
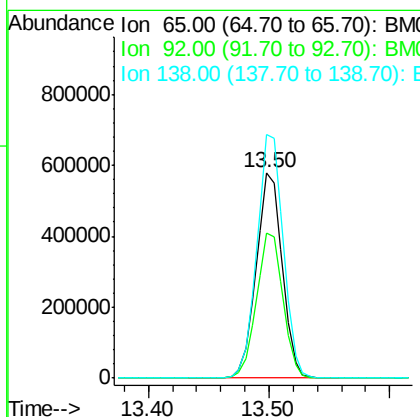
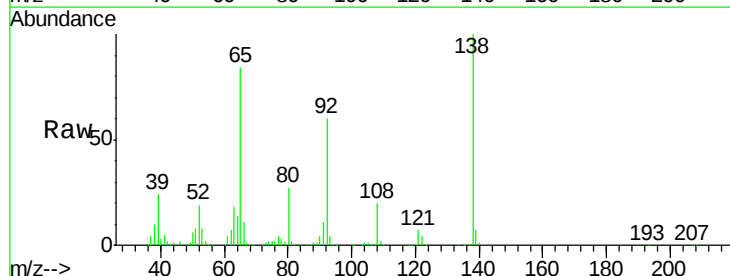
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

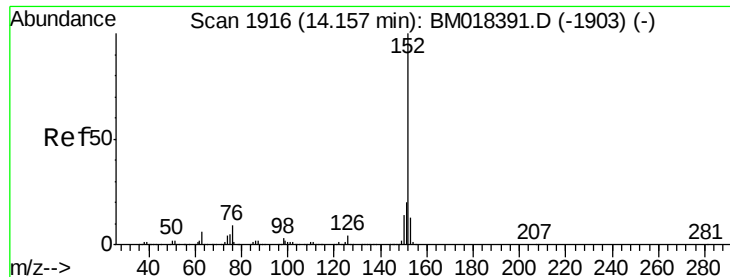
Tot Ion:162 Resp: 3270157
Ion Ratio Lower Upper
162 100
127 39.4 31.4 47.0
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 61.75 ng
RT: 13.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion: 65 Resp: 867964
Ion Ratio Lower Upper
65 100
92 70.8 53.4 80.2
138 118.6 88.9 133.3





#49

Acenaphthylene

Concen: 60.32 ng

RT: 14.13 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

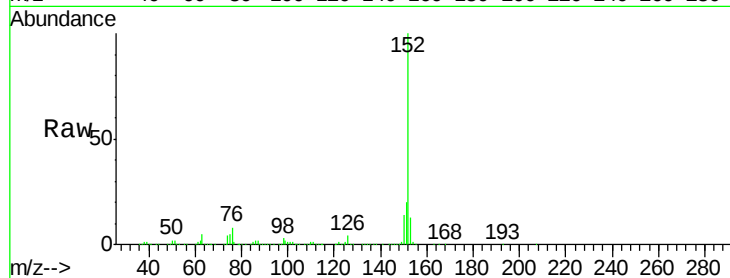
Tot Ion:152 Resp: 4864294

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

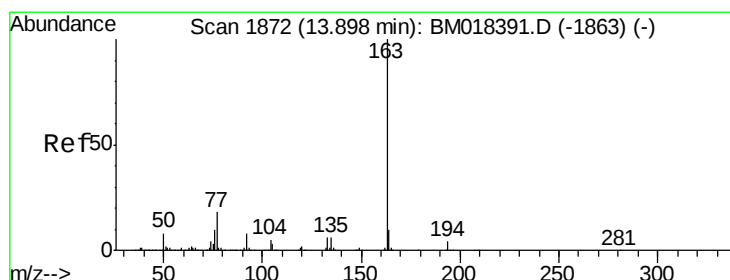
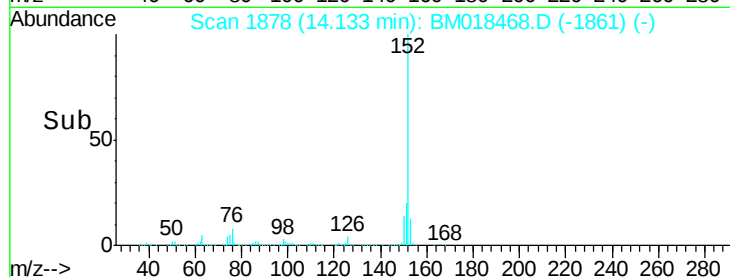
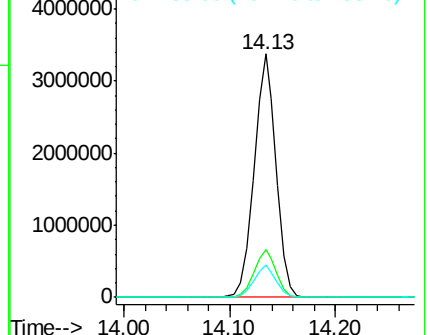
153 13.2 10.5 15.7



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: 59.78 ng

RT: 13.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

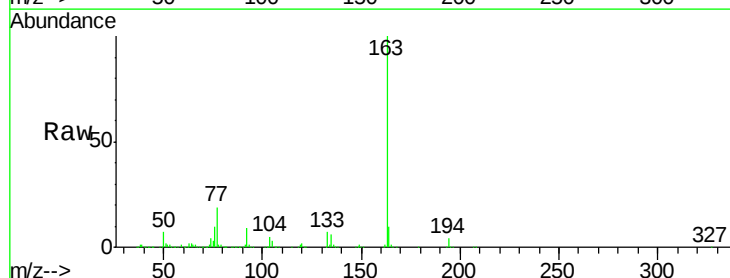
Tgt Ion:163 Resp: 3997462

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

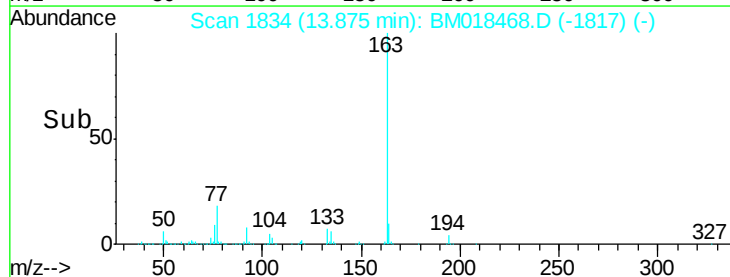
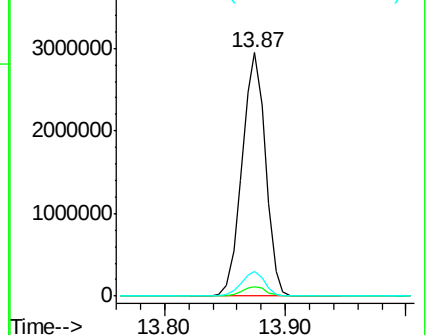
164 10.0 7.8 11.8

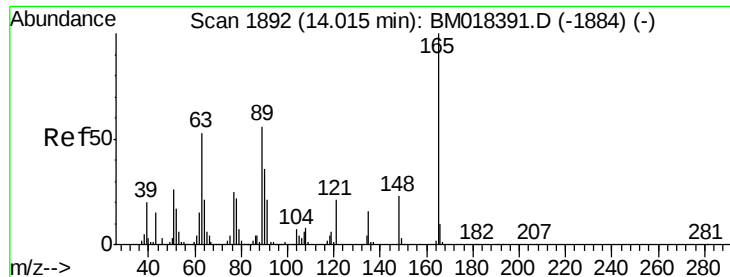


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

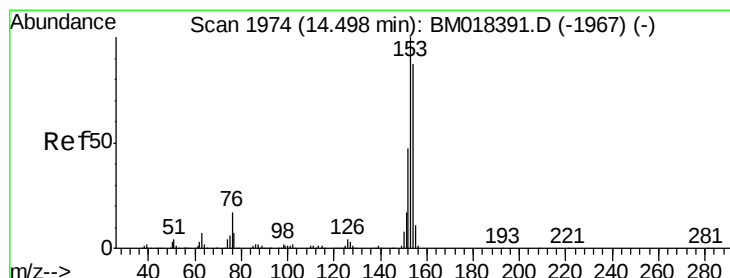
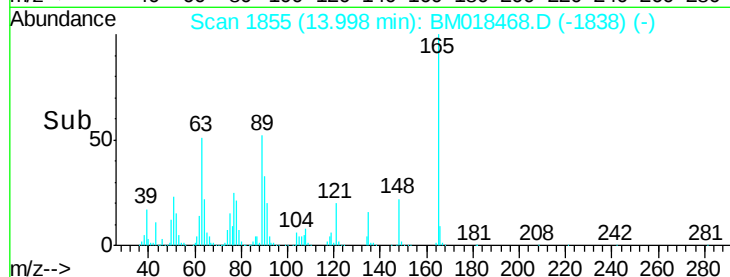
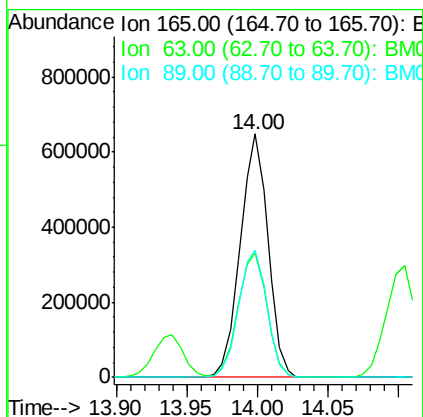
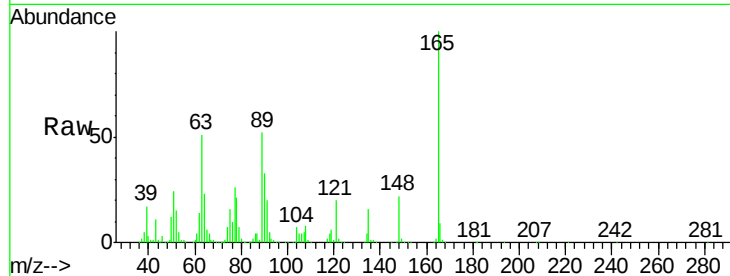




#51
2,6-Dinitrotoluene
Concen: 63.29 ng
RT: 14.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

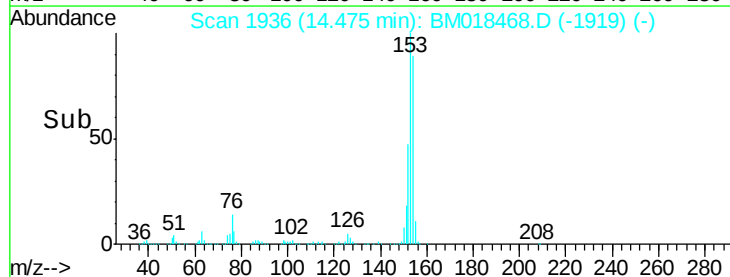
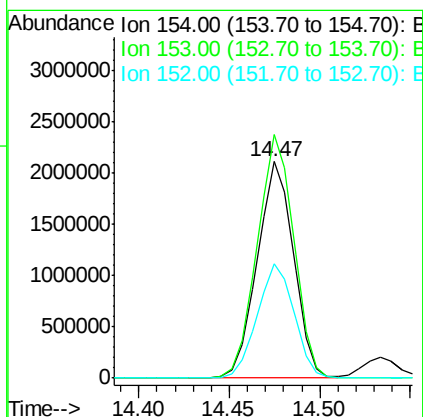
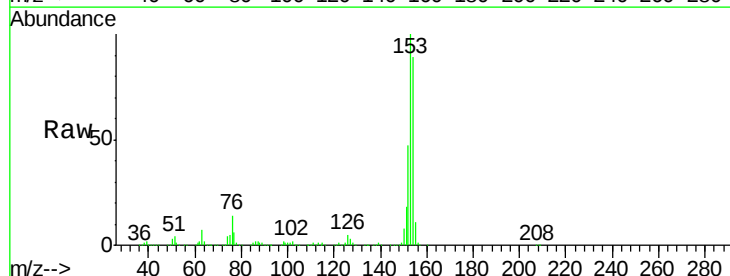
Instrument :
BNA_M
ClientSampleId :
SSTDIC060

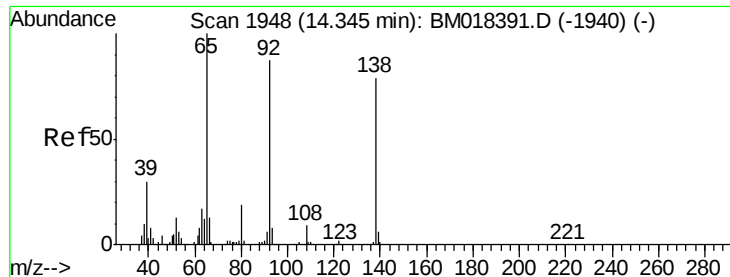
Tot Ion:165 Resp: 888090
Ion Ratio Lower Upper
165 100
63 51.4 45.6 68.4
89 52.4 44.6 66.8



#52
Acenaphthene
Concen: 60.50 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:154 Resp: 2944292
Ion Ratio Lower Upper
154 100
153 112.5 92.3 138.5
152 52.6 43.8 65.6





#53

3-Nitroaniline

Concen: 59.05 ng

RT: 14.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

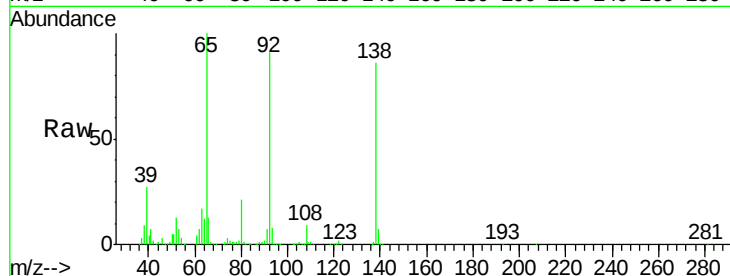
Tot Ion:138 Resp: 921540

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

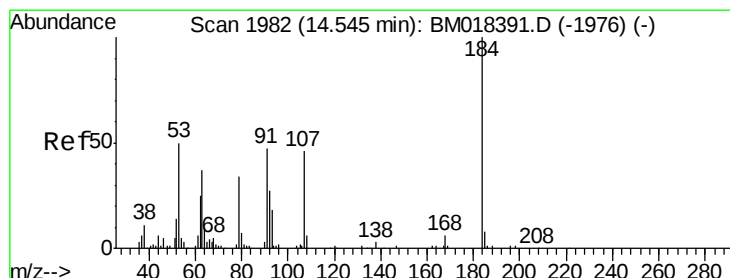
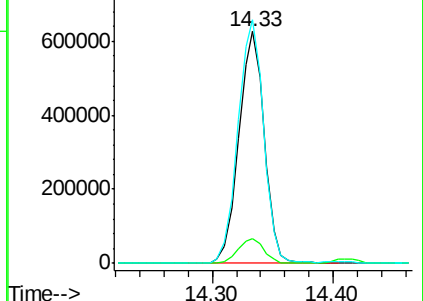
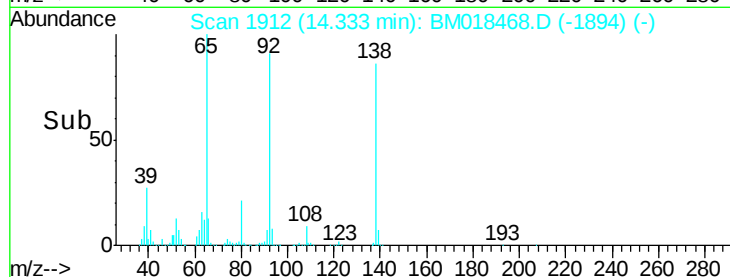
92 105.0 88.2 132.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 114.39 ng

RT: 14.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

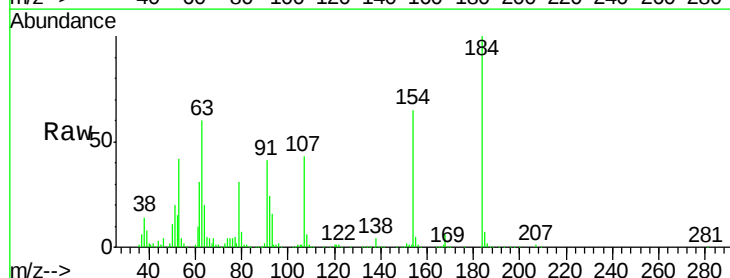
Tgt Ion:184 Resp: 438608

Ion Ratio Lower Upper

184 100

63 60.4 55.9 83.9

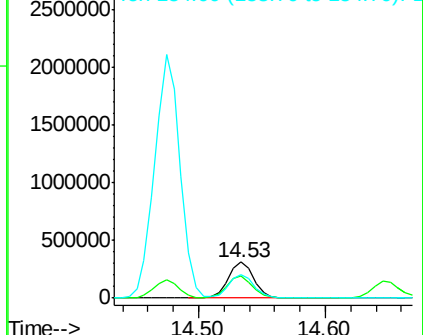
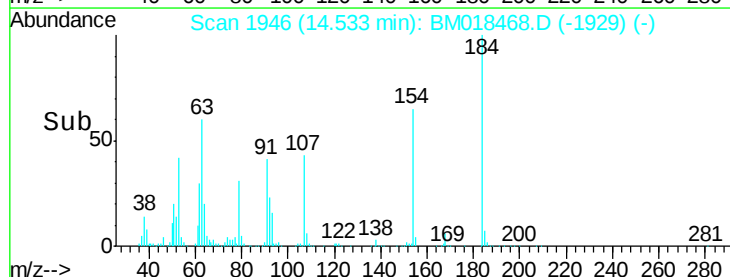
154 65.4 54.2 81.4

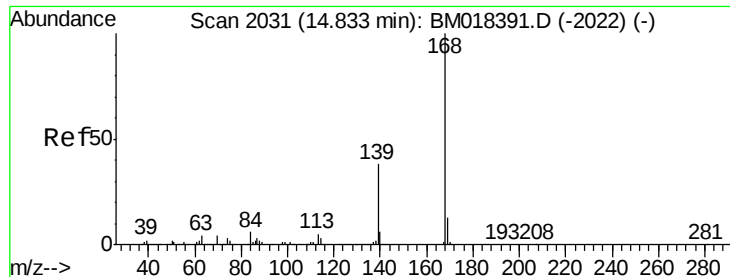


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

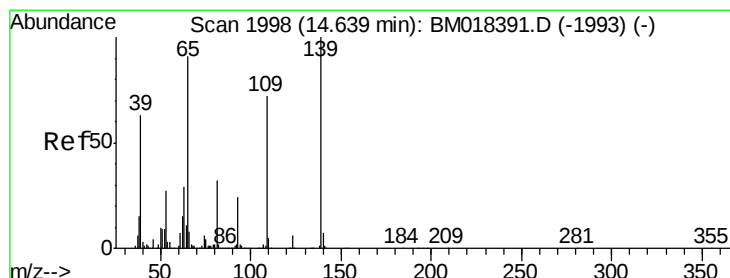
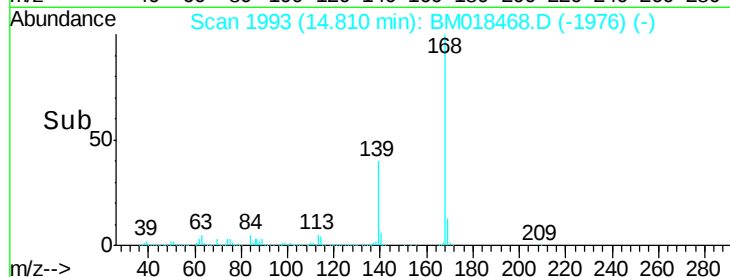
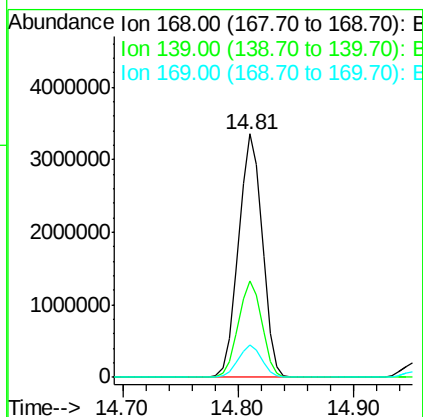
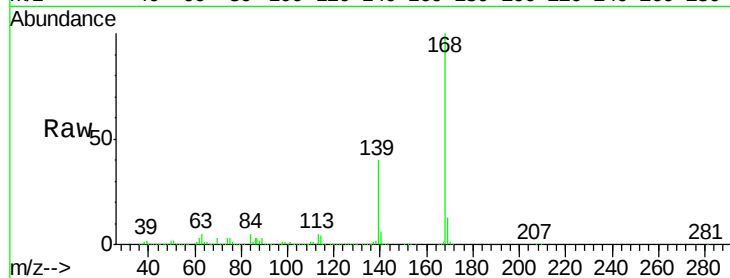




#55
Dibenzofuran
Concen: 60.05 ng
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

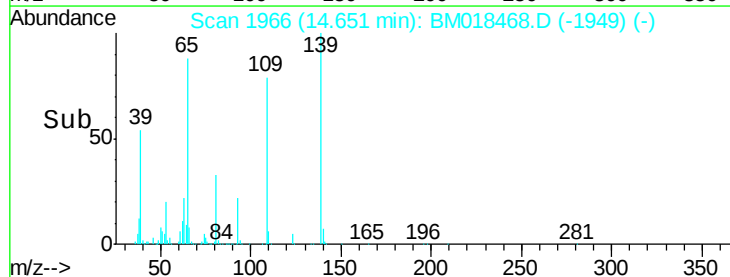
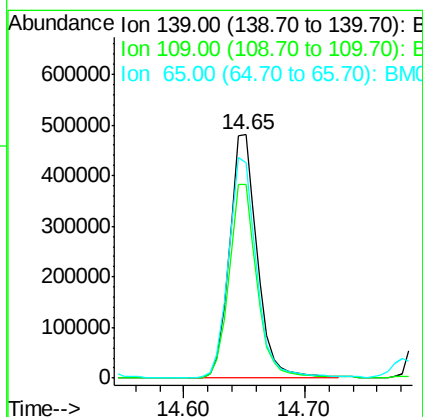
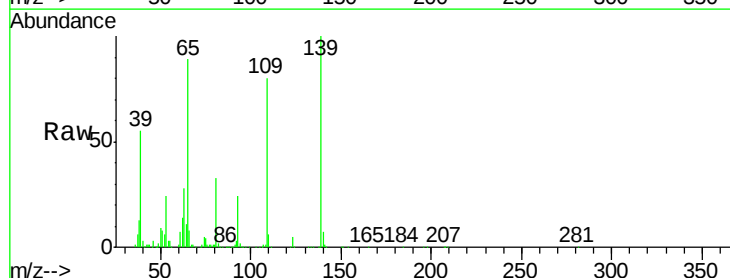
Instrument :
BNA_M
ClientSampleId :
SSTDIC060

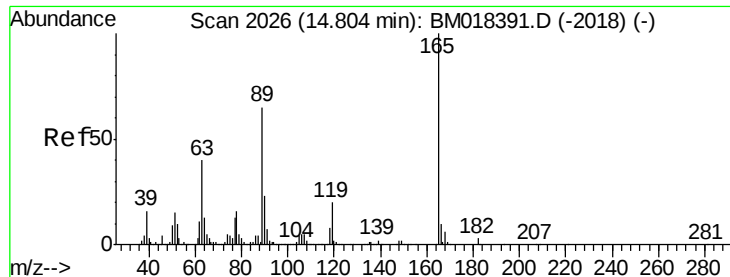
Tot Ion:168 Resp: 4781663
Ion Ratio Lower Upper
168 100
139 39.8 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 65.58 ng
RT: 14.65 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:139 Resp: 772449
Ion Ratio Lower Upper
139 100
109 79.6 51.7 91.7
65 88.7 71.4 111.4

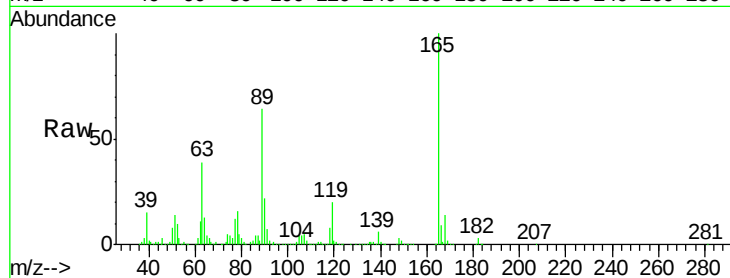




#57
2,4-Dinitrotoluene
Concen: 64.51 ng
RT: 14.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion:165 Resp: 1224947
Ion Ratio Lower Upper
165 100
63 38.7 32.2 48.2
89 63.6 52.1 78.1
182 2.9 2.5 3.7

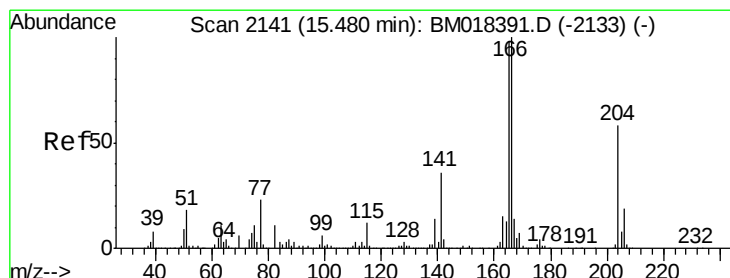
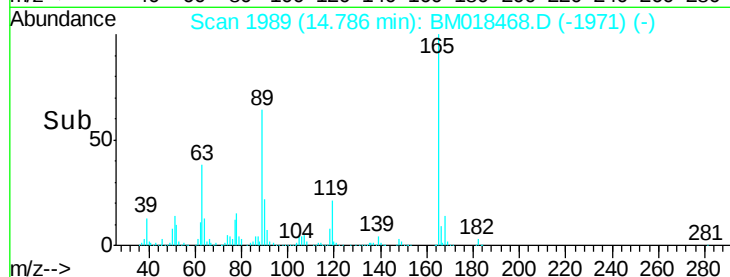
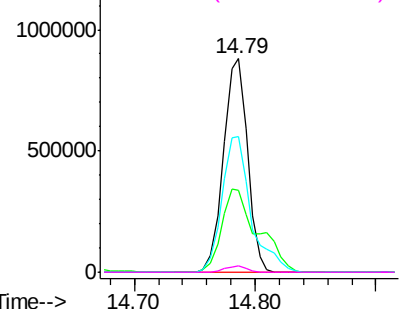


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM018391.D (-2018) (-)

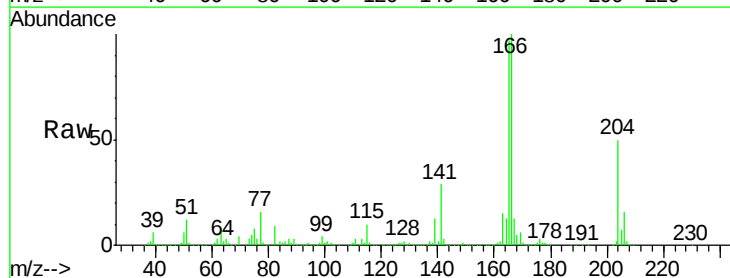
Ion 89.00 (88.70 to 89.70): BM018391.D (-2018) (-)

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 58.65 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

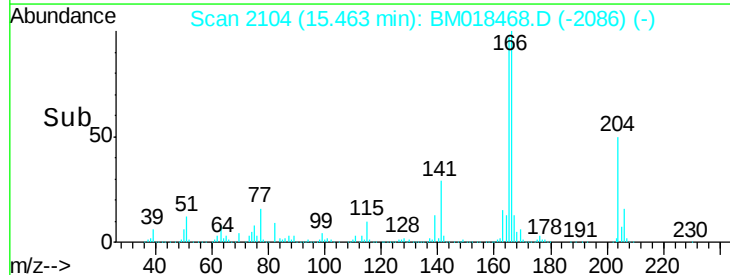
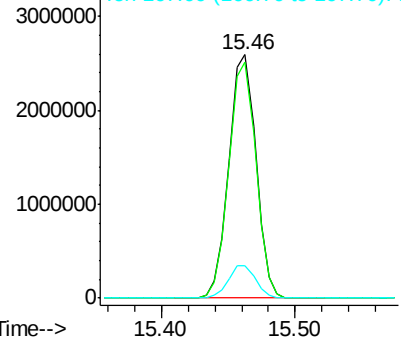
Tgt Ion:166 Resp: 3637878
Ion Ratio Lower Upper
166 100
165 96.9 78.3 117.5
167 13.4 10.9 16.3

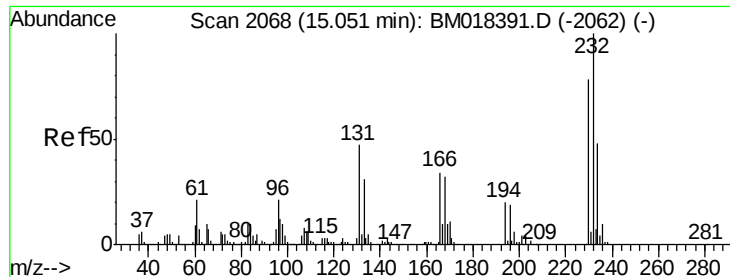


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

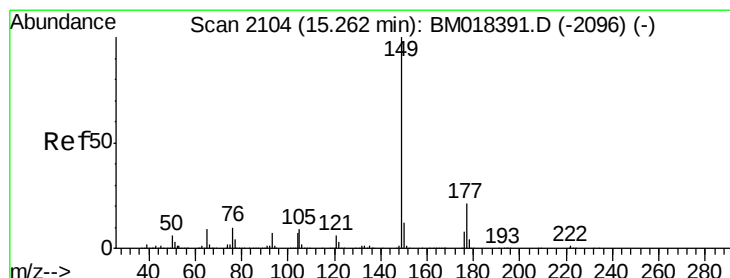
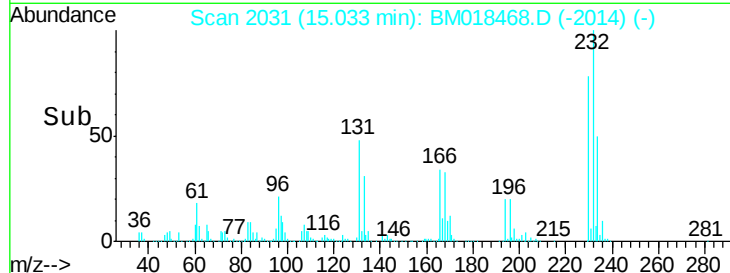
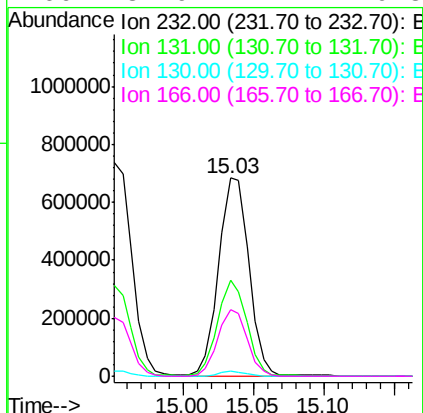
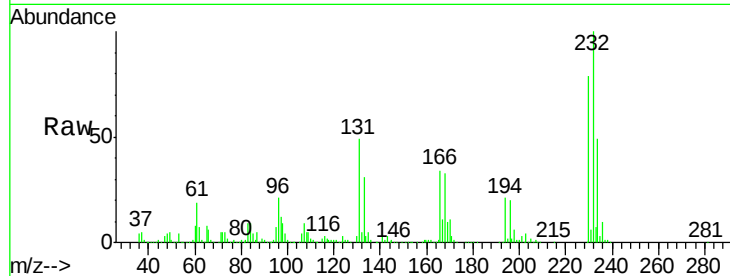




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 70.77 ng
 RT: 15.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BM018468.D
 Acq: 09 Jan 2019 11:21

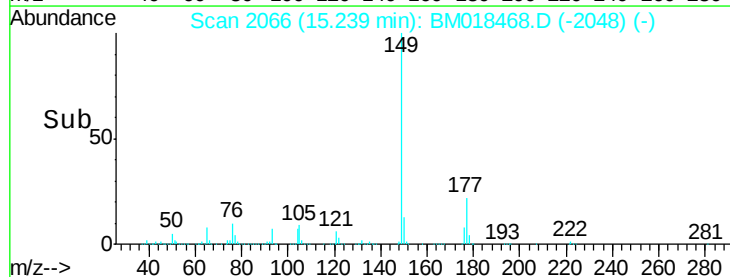
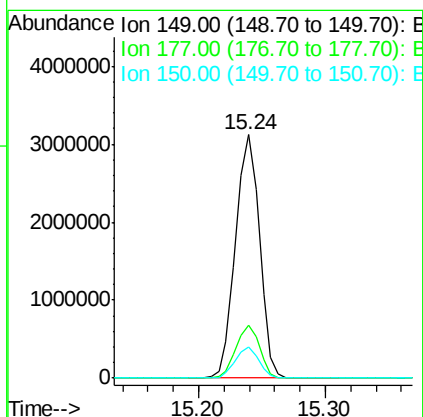
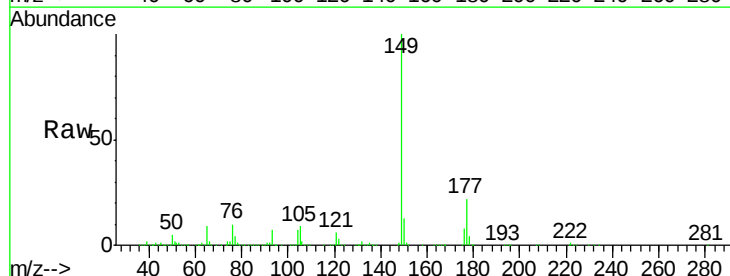
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

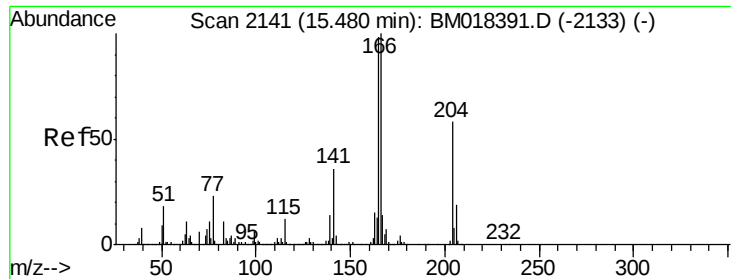
Tot Ion:232 Resp: 1016421
 Ion Ratio Lower Upper
 232 100
 131 46.8 38.6 57.8
 130 2.4 2.2 3.4
 166 32.9 27.2 40.8



#60
 Diethylphthalate
 Concen: 58.31 ng
 RT: 15.24 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: BM018468.D
 Acq: 09 Jan 2019 11:21

Tgt Ion:149 Resp: 4077915
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.1 25.7
 150 12.6 9.8 14.6

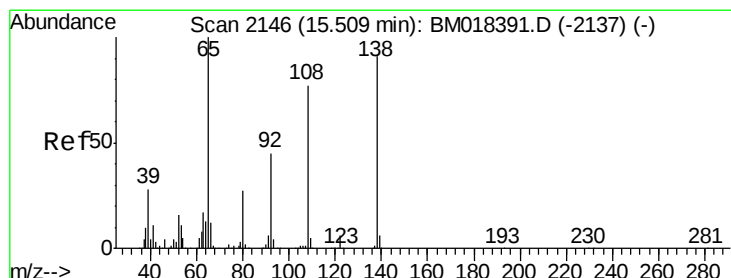
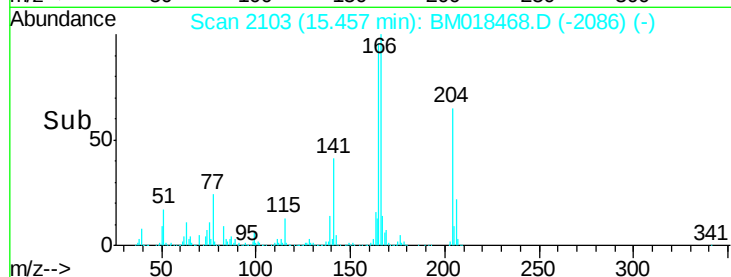
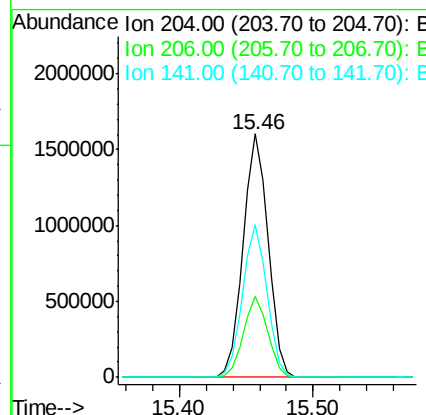
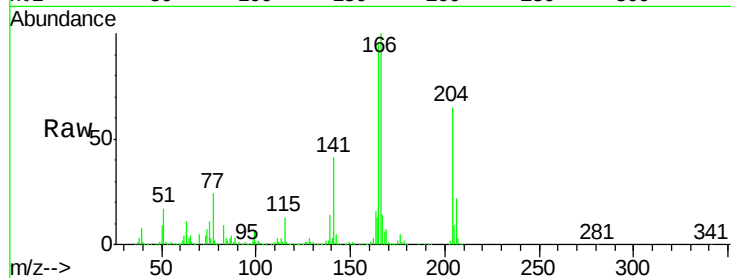




#61
4-Chlorophenyl-phenylether
Concen: 60.72 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

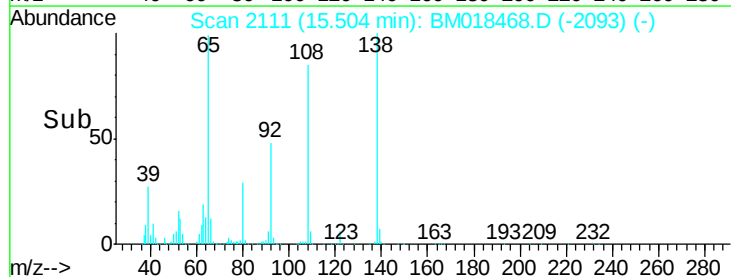
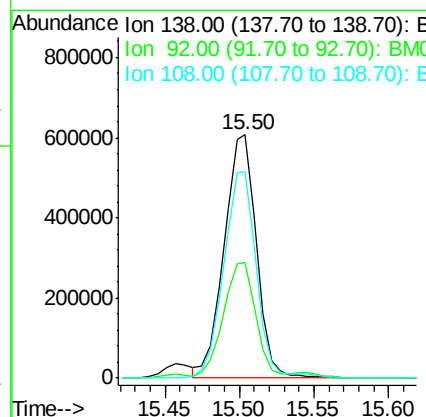
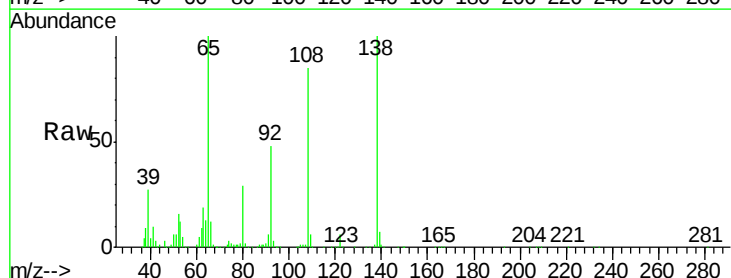
Instrument :
BNA_M
ClientSampleId :
SSTDIC060

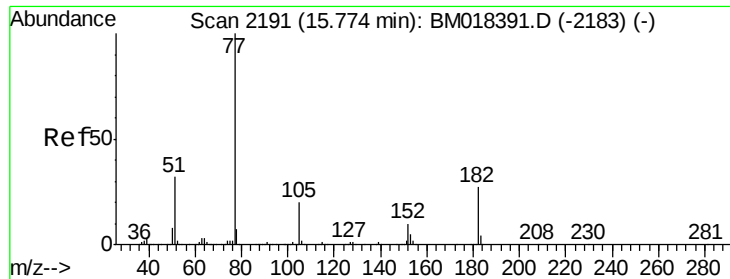
Tot Ion:204 Resp: 2069110
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 62.6 49.5 74.3



#62
4-Nitroaniline
Concen: 55.42 ng
RT: 15.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:138 Resp: 920681
Ion Ratio Lower Upper
138 100
92 47.6 29.0 69.0
108 84.8 63.9 103.9

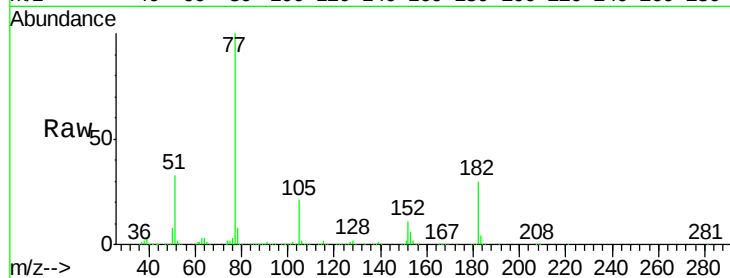




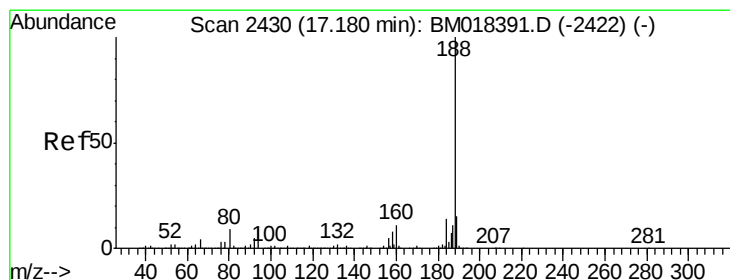
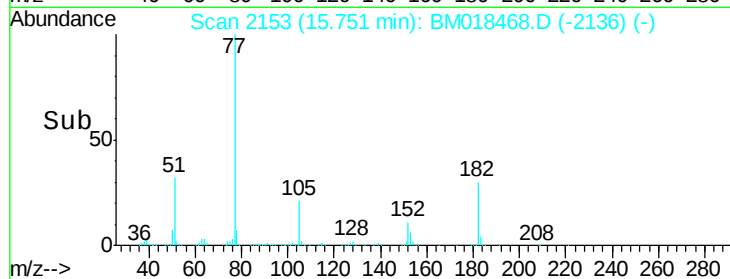
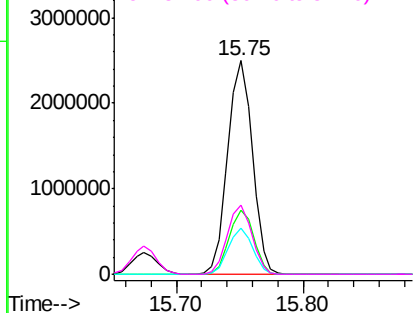
#63
Azobenzene
Concen: 52.71 ng
RT: 15.75 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion: 77 Resp: 3360066
Ion Ratio Lower Upper
77 100
182 29.8 7.4 47.4
105 21.3 0.0 39.6
51 32.7 12.0 52.0

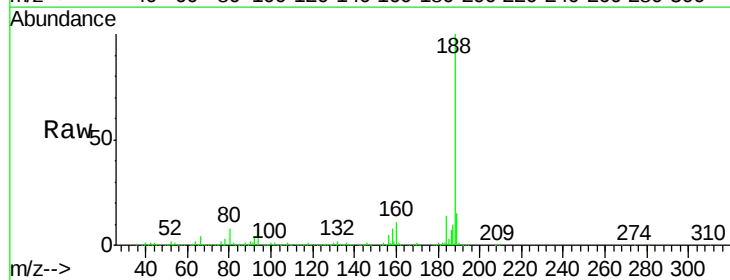


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

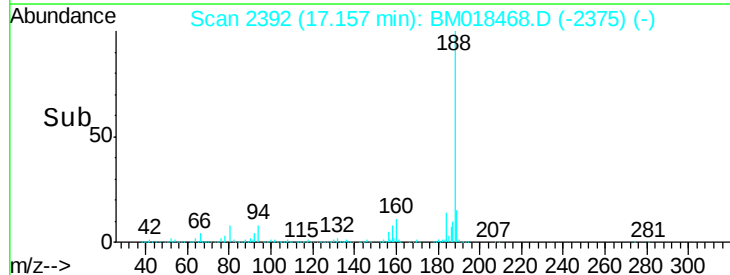
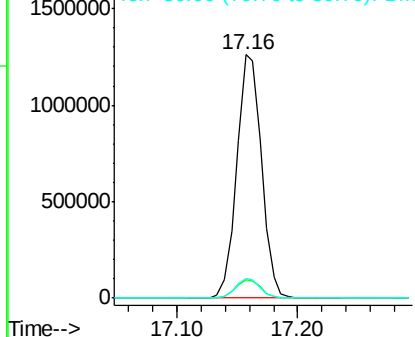


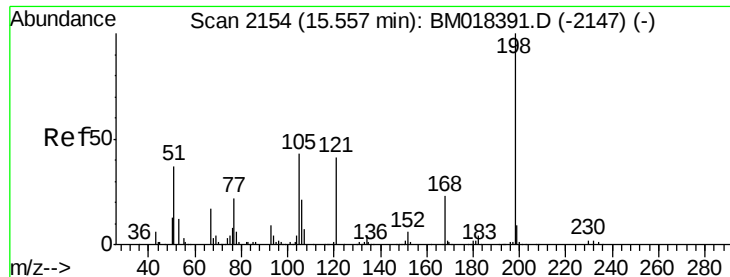
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion: 188 Resp: 1799645
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.3 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 98.20 ng

RT: 15.55 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

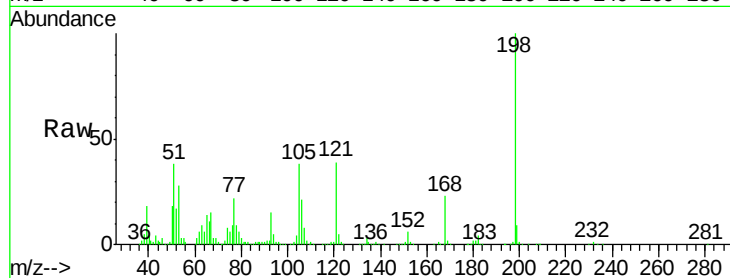
Tot Ion:198 Resp: 709702

Ion Ratio Lower Upper

198 100

51 38.3 29.6 69.6

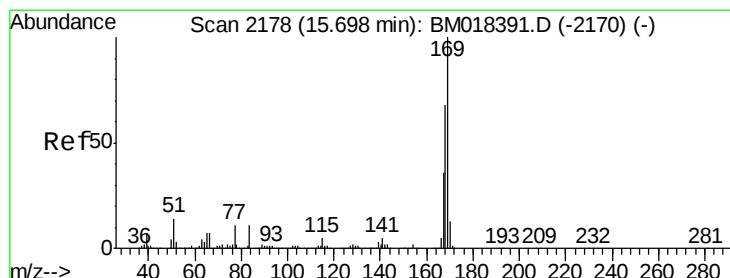
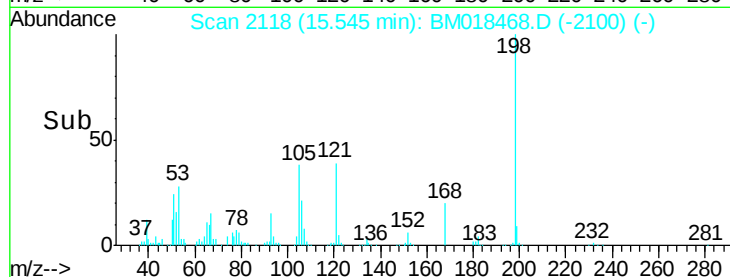
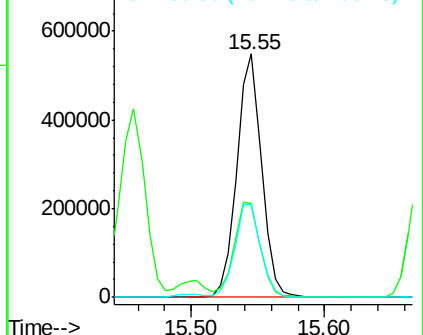
105 37.9 25.5 65.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 61.77 ng

RT: 15.67 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

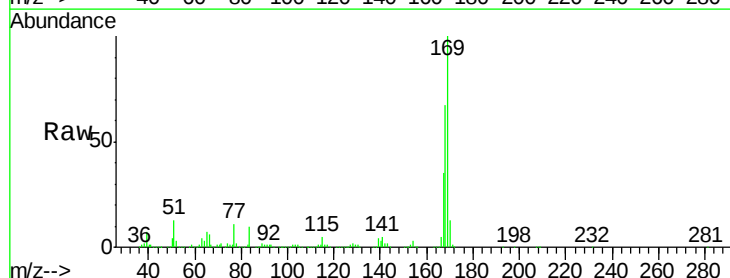
Tgt Ion:169 Resp: 3464417

Ion Ratio Lower Upper

169 100

168 67.2 54.1 81.1

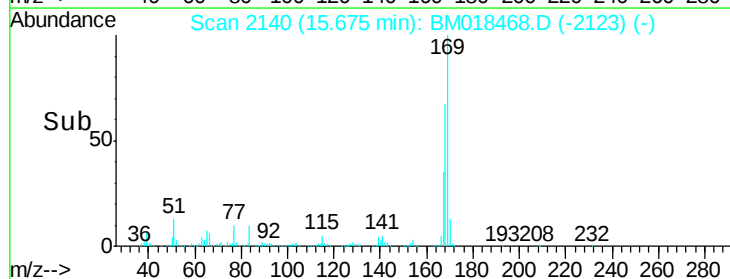
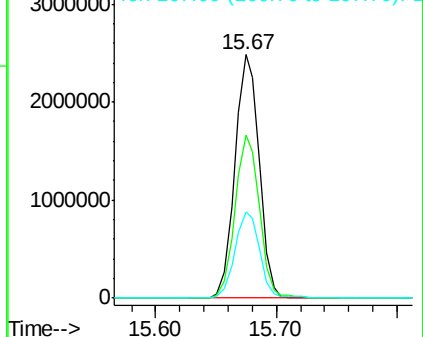
167 35.3 28.6 42.8

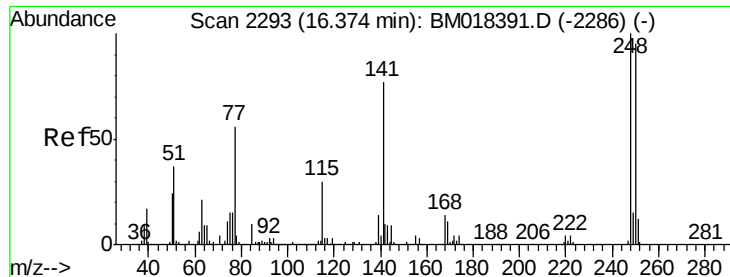


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

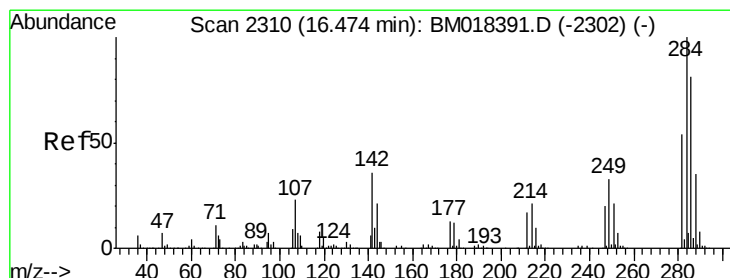
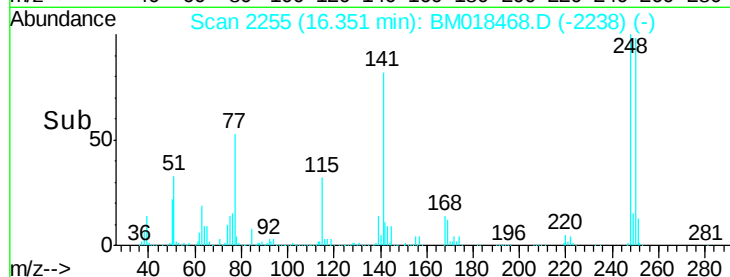
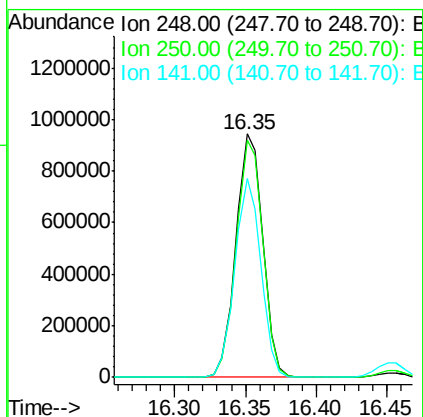
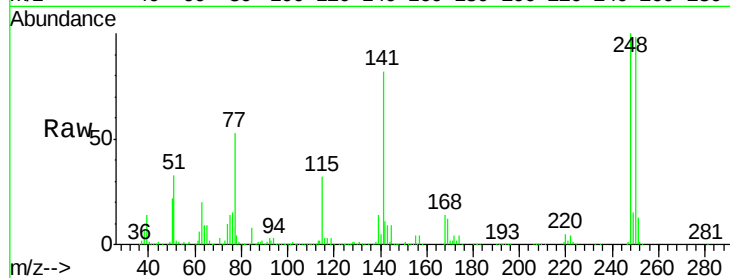




#67
4-Bromophenyl-phenylether
Concen: 63.80 ng
RT: 16.35 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

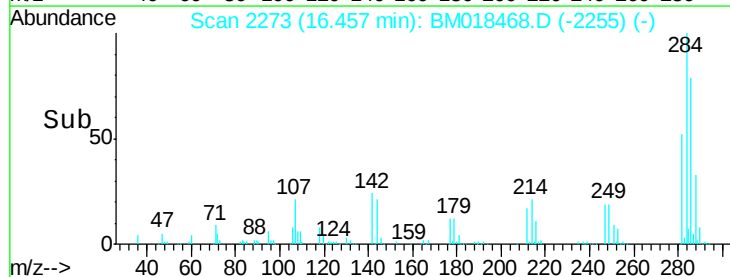
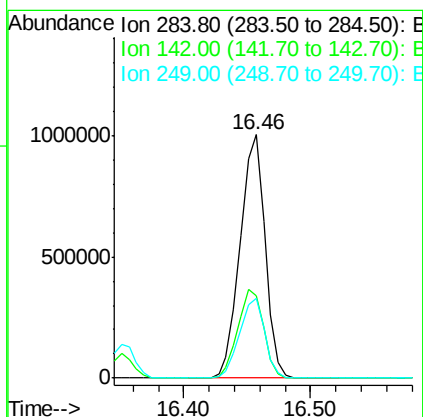
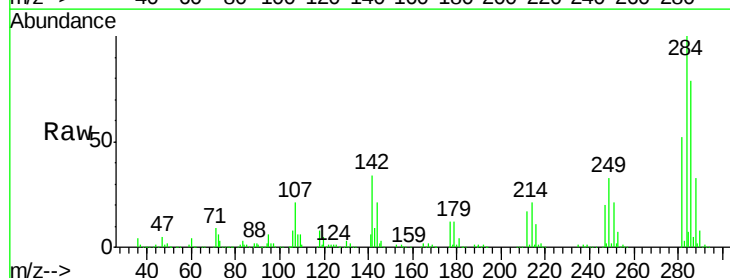
Instrument :
BNA_M
ClientSampleId :
SSTDIC060

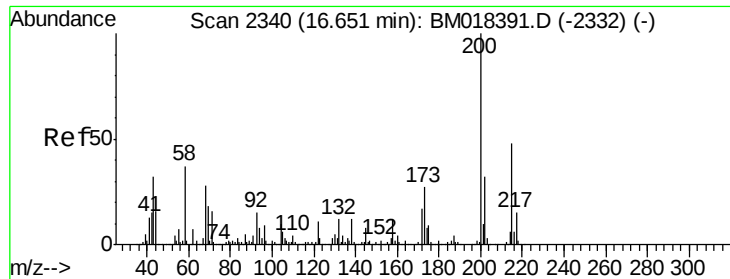
Tot Ion:248 Resp: 1250266
Ion Ratio Lower Upper
248 100
250 97.5 76.0 114.0
141 81.7 61.5 92.3



#68
Hexachlorobenzene
Concen: 61.58 ng
RT: 16.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:284 Resp: 1367041
Ion Ratio Lower Upper
284 100
142 34.0 29.2 43.8
249 32.9 26.1 39.1





#69

Atrazine

Concen: 61.55 ng

RT: 16.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

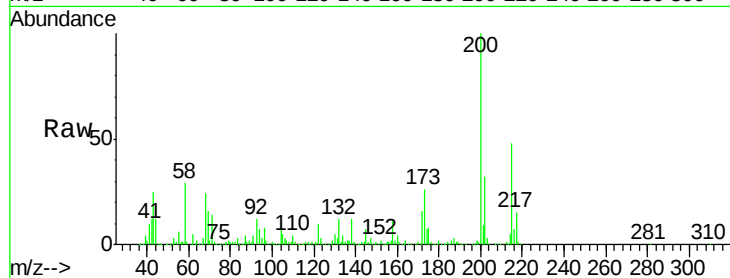
Tot Ion:200 Resp: 1279768

Ion Ratio Lower Upper

200 100

173 26.2 7.2 47.2

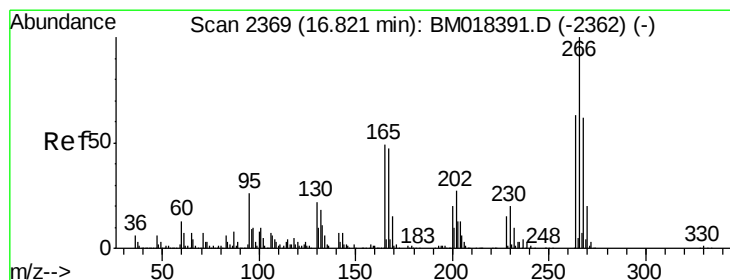
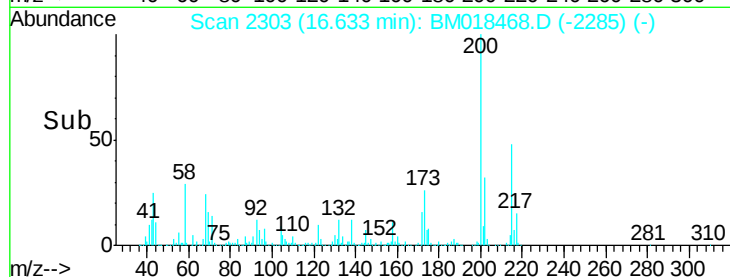
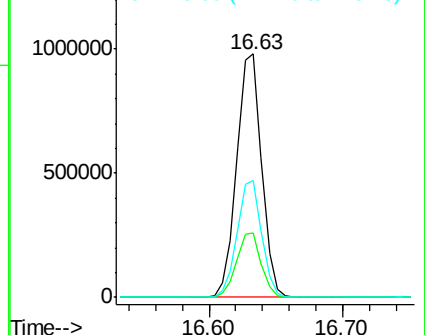
215 47.9 28.3 68.3



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: 73.76 ng

RT: 16.80 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

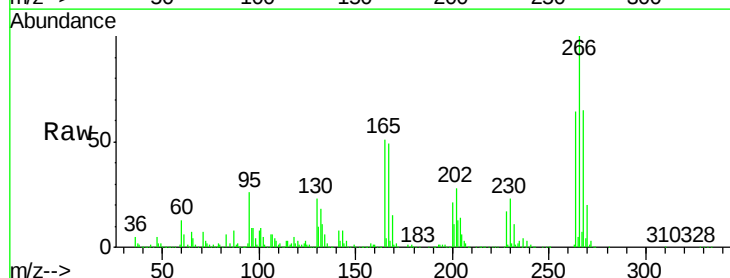
Tgt Ion:266 Resp: 954798

Ion Ratio Lower Upper

266 100

268 64.6 49.8 74.6

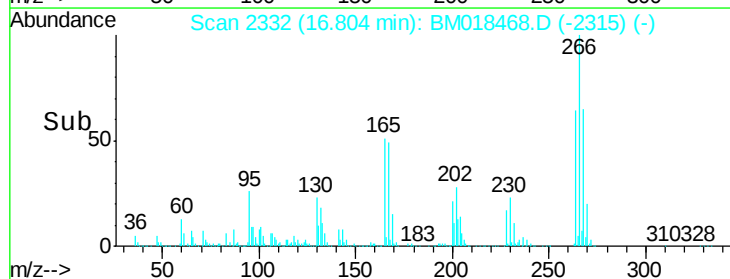
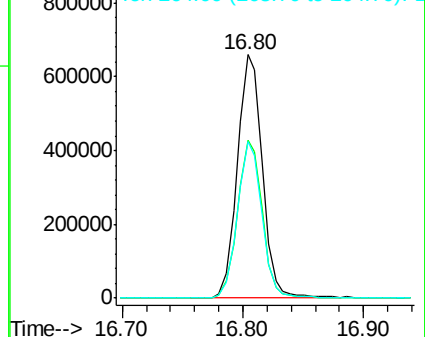
264 64.4 50.1 75.1

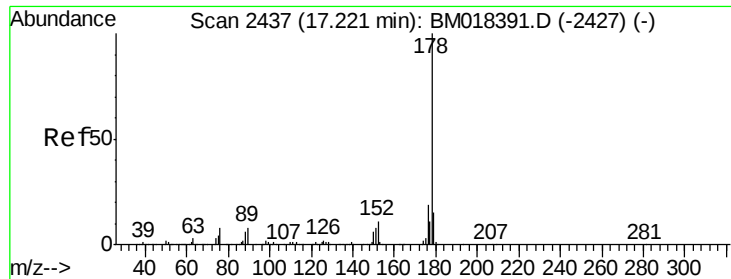


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

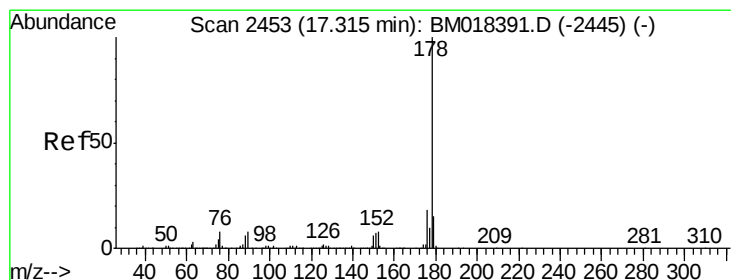
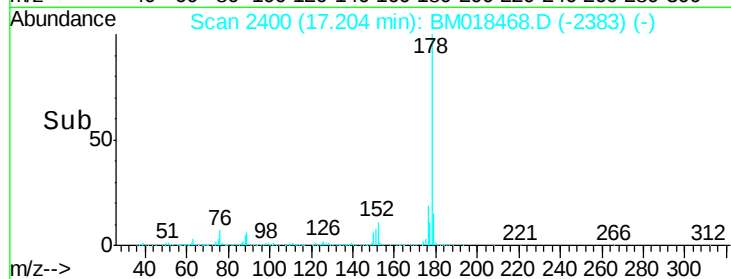
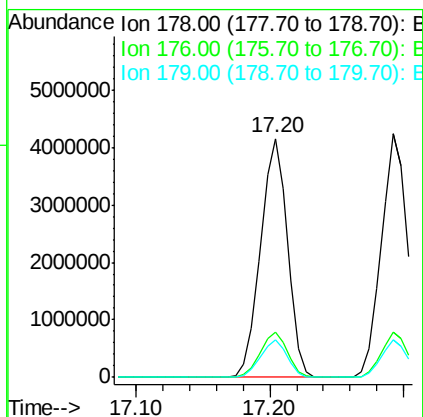
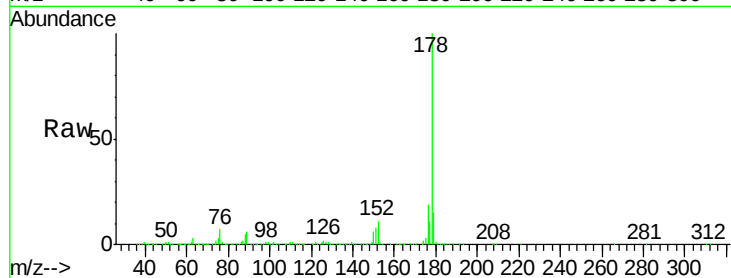




#71
Phenanthrene
Concen: 60.81 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

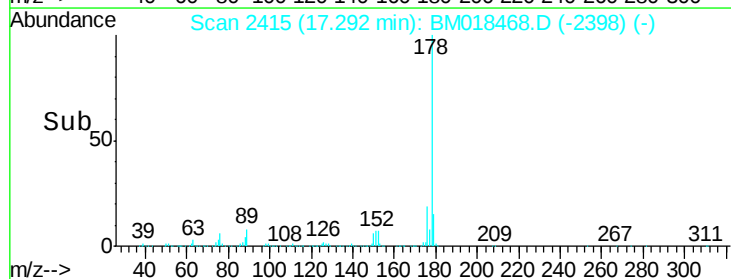
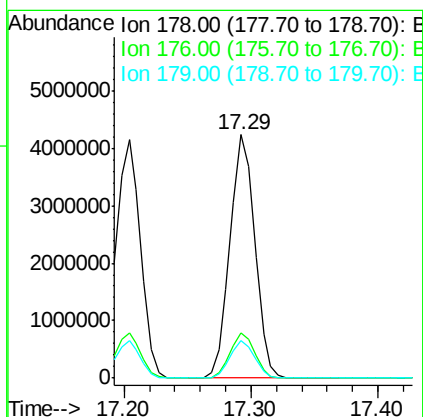
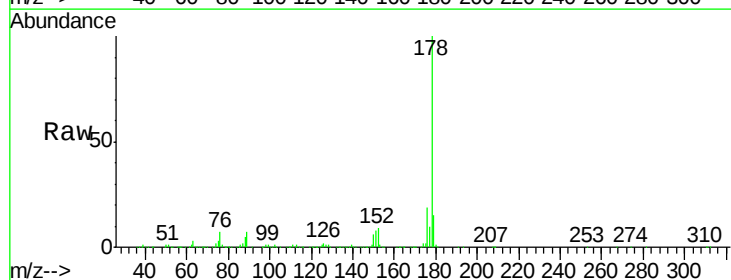
Instrument :
BNA_M
ClientSampleId :
SSTDIC060

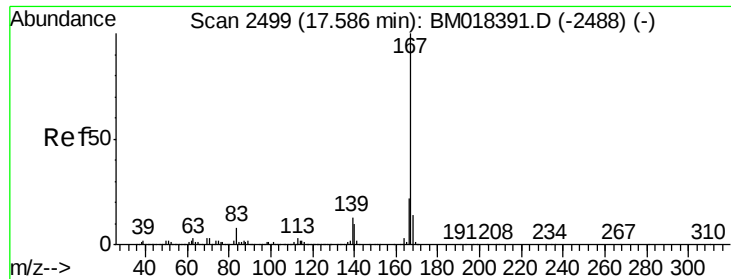
Tot Ion:178 Resp: 5793409
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.4



#72
Anthracene
Concen: 60.39 ng
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM018468.D
Acq: 09 Jan 2019 11:21

Tgt Ion:178 Resp: 5730699
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 12.2 18.4

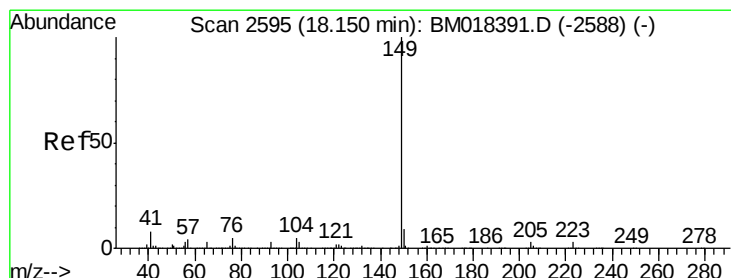
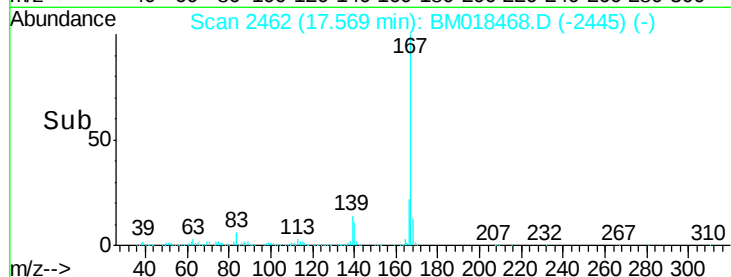
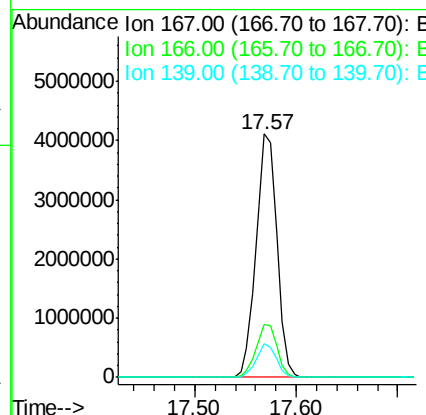
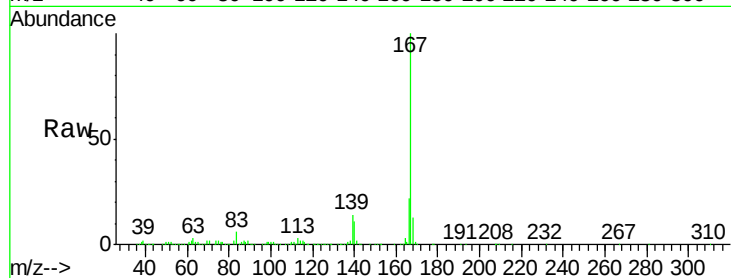




#73
 Carbazole
 Concen: 59.07 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM018468.D
 Acq: 09 Jan 2019 11:21

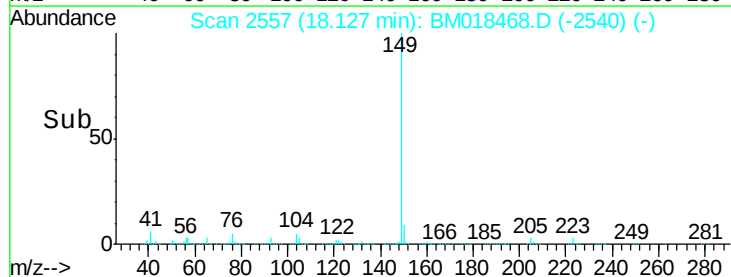
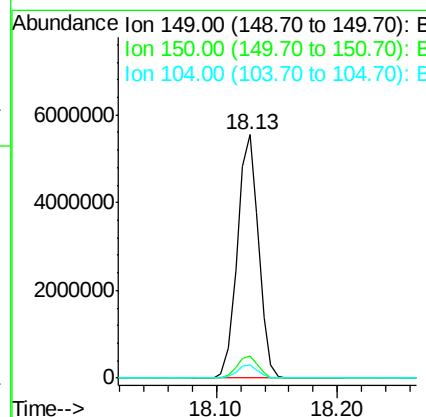
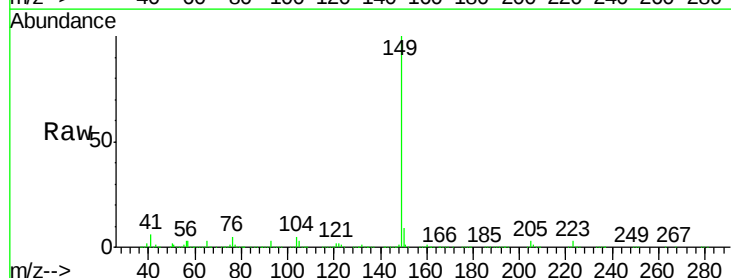
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

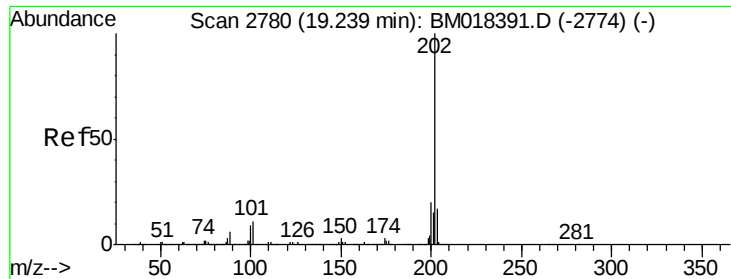
Tot Ion:167 Resp: 5887412
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 59.71 ng
 RT: 18.13 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: BM018468.D
 Acq: 09 Jan 2019 11:21

Tgt Ion:149 Resp: 6764427
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 60.14 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

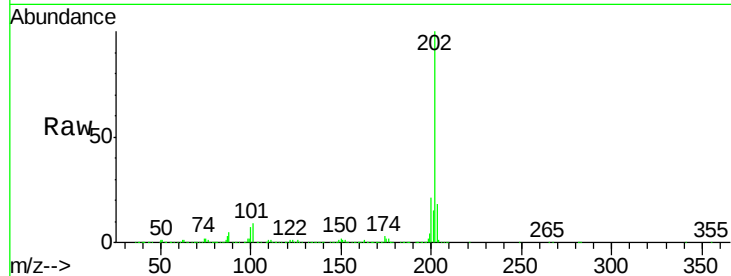
Tot Ion:202 Resp: 6785104

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.9

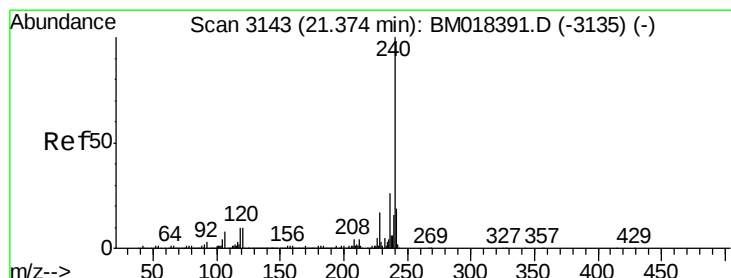
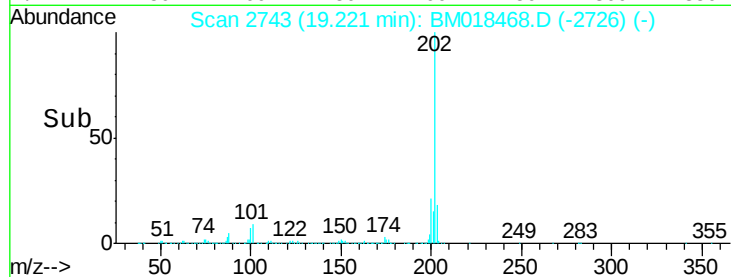
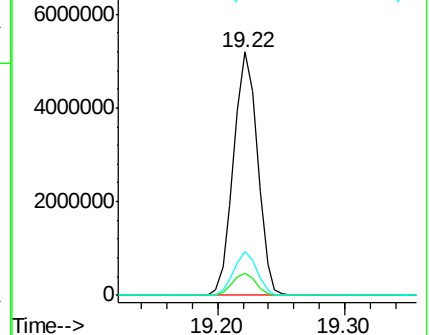
203 17.8 0.0 37.4



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: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

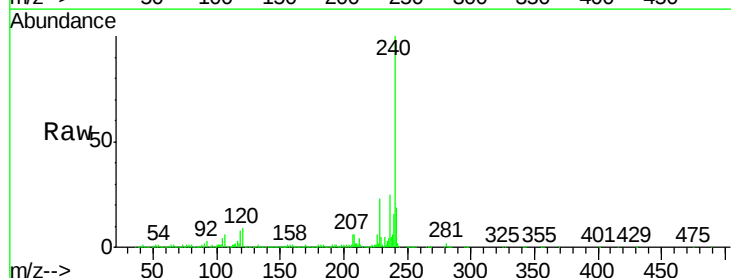
Tgt Ion:240 Resp: 1943544

Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

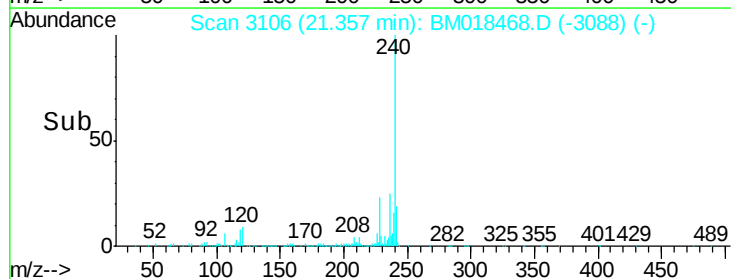
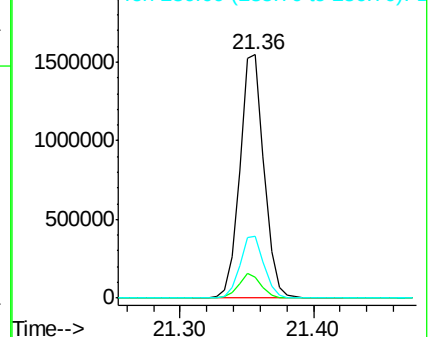
236 25.4 20.7 31.1

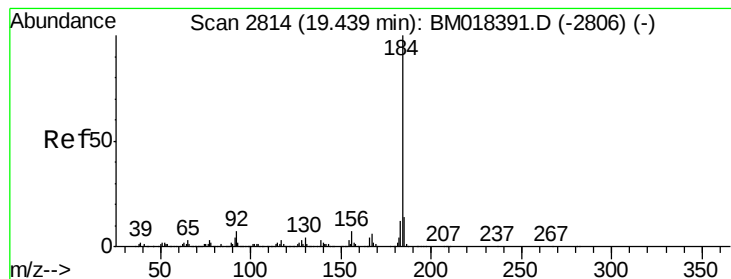


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.64 ng

RT: 19.42 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

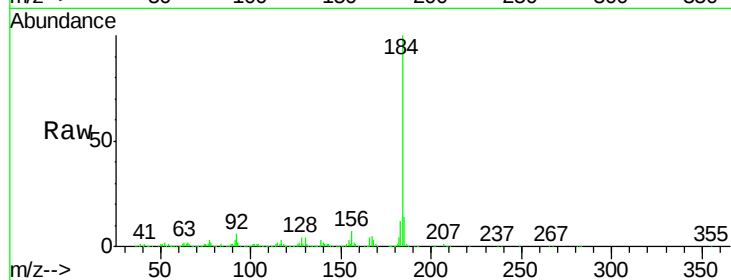
Tot Ion:184 Resp: 3035340

Ion Ratio Lower Upper

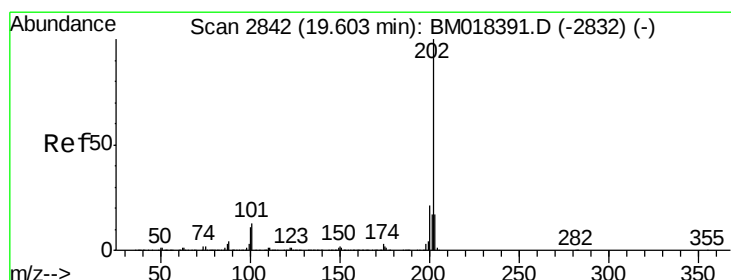
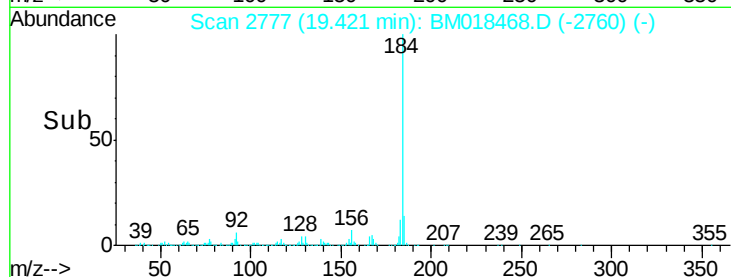
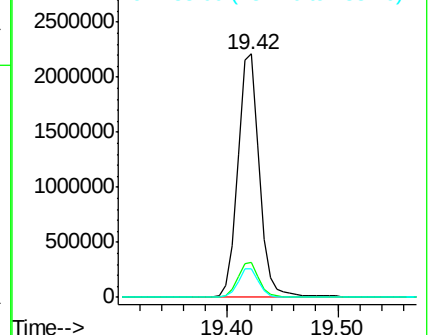
184 100

185 14.1 11.4 17.0

183 11.9 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: 62.88 ng

RT: 19.59 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

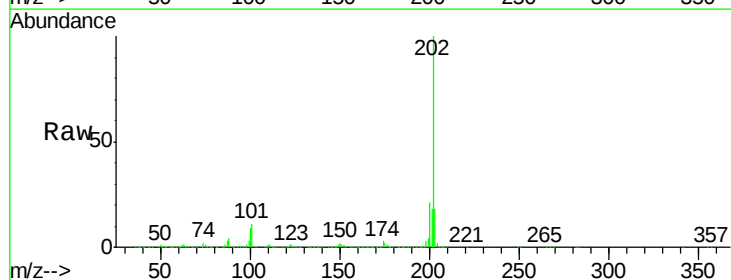
Tgt Ion:202 Resp: 7093959

Ion Ratio Lower Upper

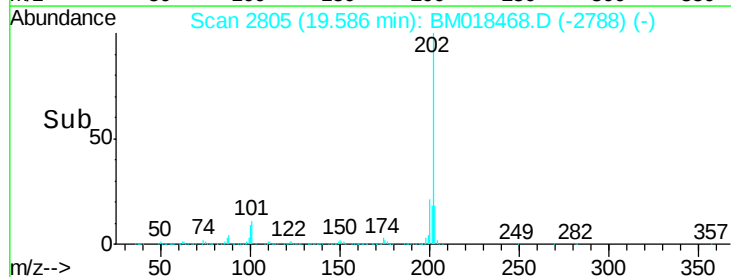
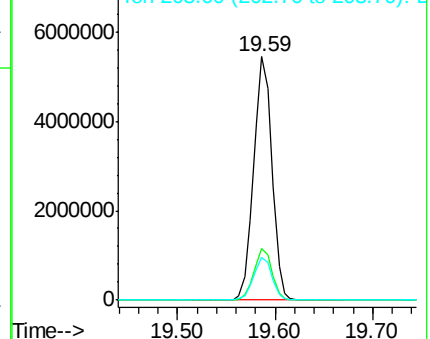
202 100

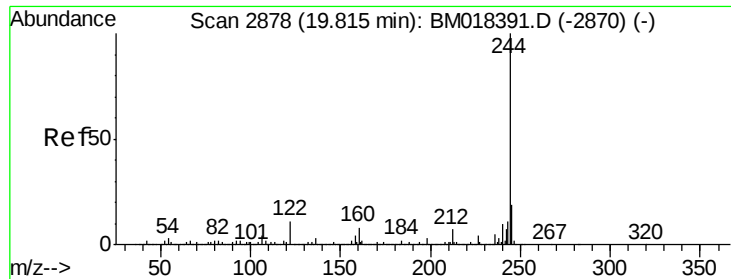
200 21.1 16.6 24.8

203 17.7 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: 120.15 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

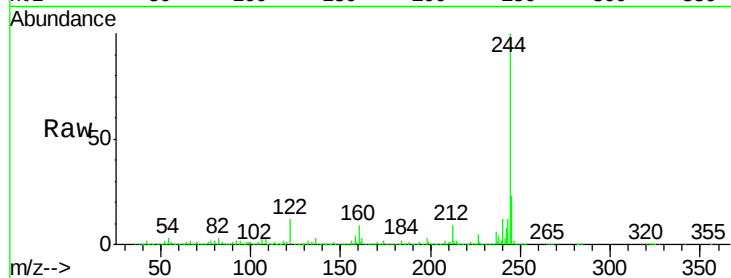
Tot Ion:244 Resp:10958892

Ion Ratio Lower Upper

244 100

212 9.0 5.9 8.9#

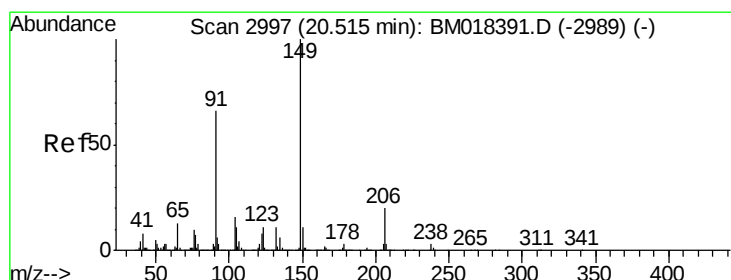
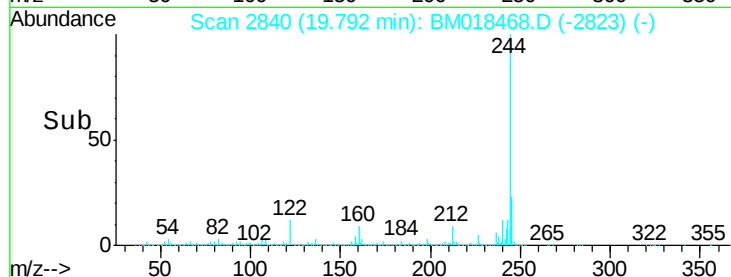
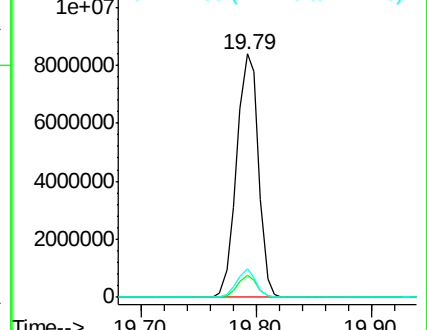
122 11.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 67.64 ng

RT: 20.49 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

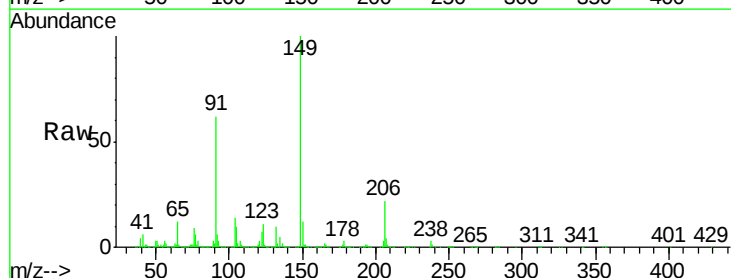
Tgt Ion:149 Resp: 3139242

Ion Ratio Lower Upper

149 100

91 62.1 53.1 79.7

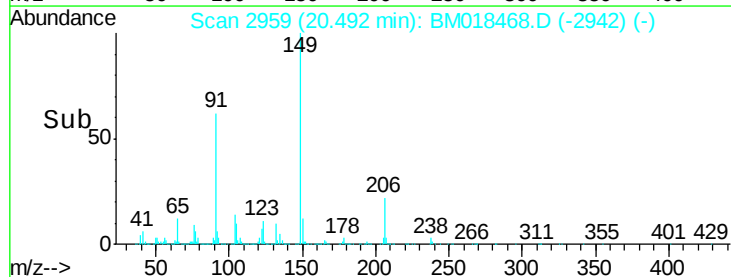
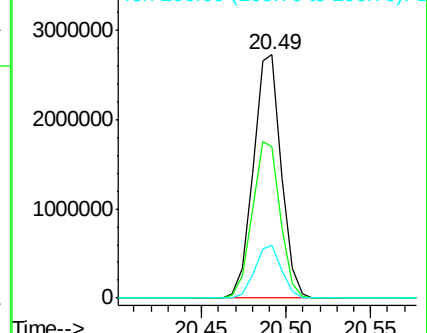
206 21.7 16.2 24.4

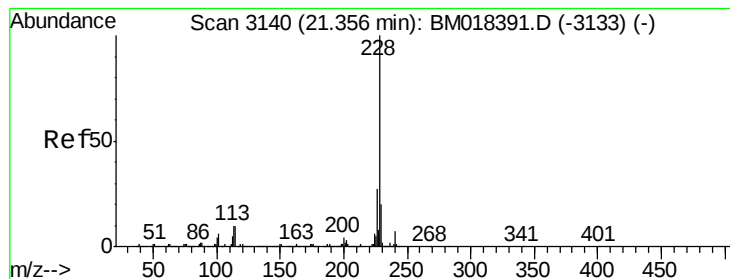


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.98 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

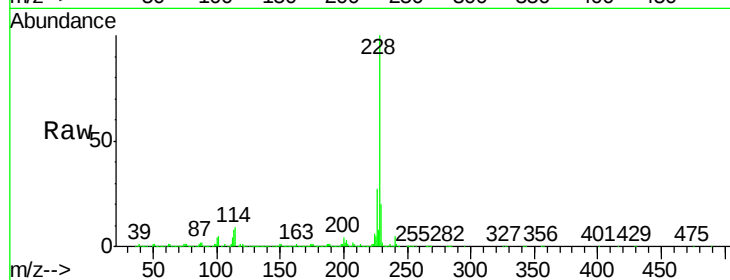
BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:228 Resp: 6961389

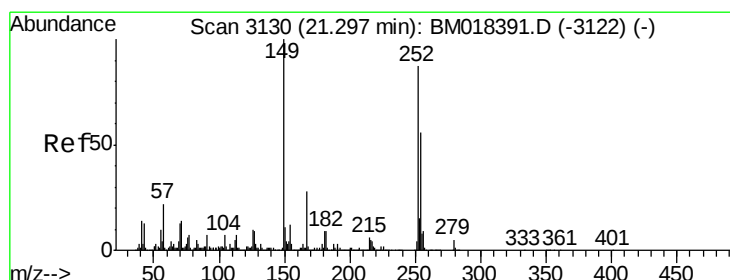
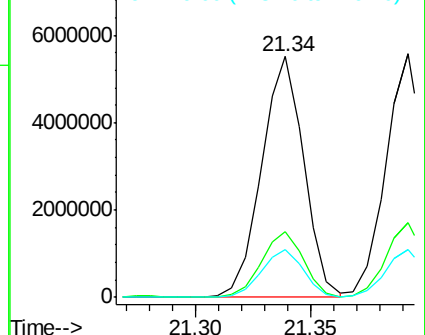
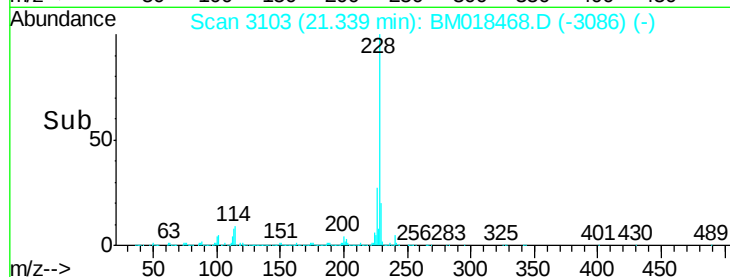
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.8	15.8	23.8



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



#82

3,3'-Dichlorobenzidine

Concen: 62.70 ng

RT: 21.28 min Scan# 3093

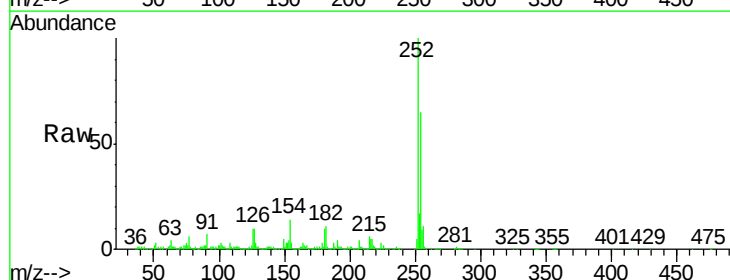
Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Tgt Ion:252 Resp: 2749720

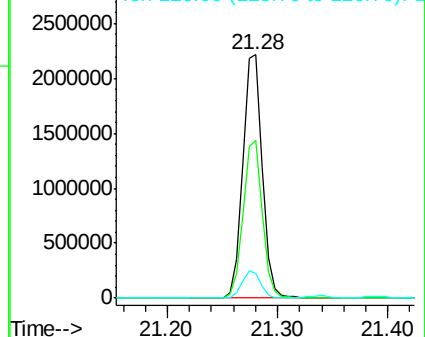
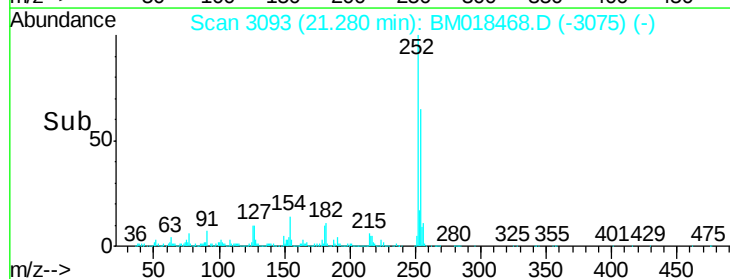
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.0
126	10.3	8.7	13.1

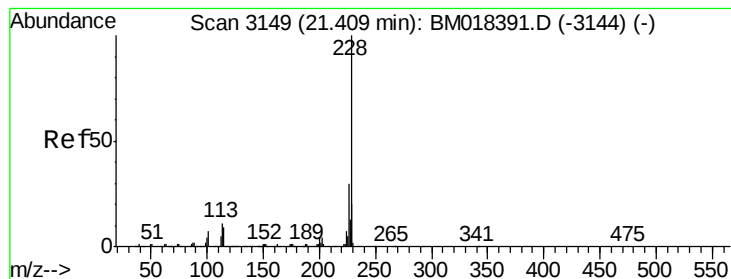


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 60.52 ng

RT: 21.39 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

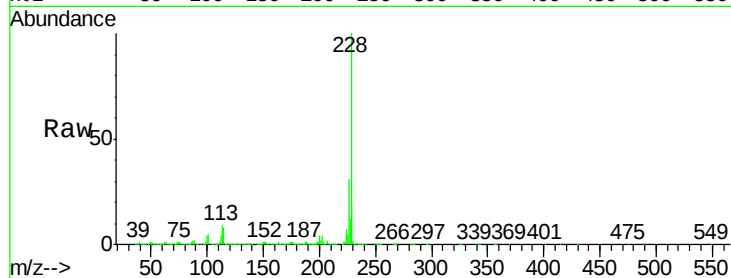
Tot Ion:228 Resp: 6665095

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

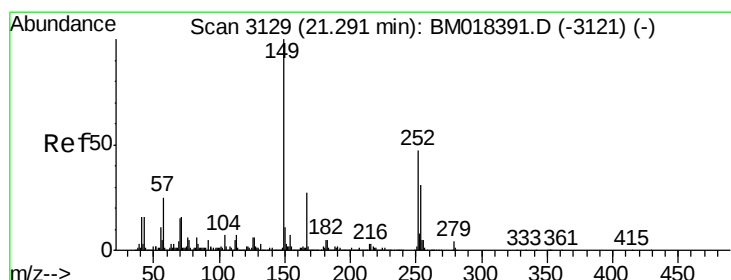
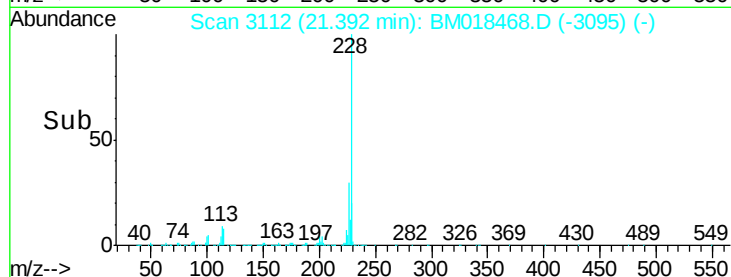
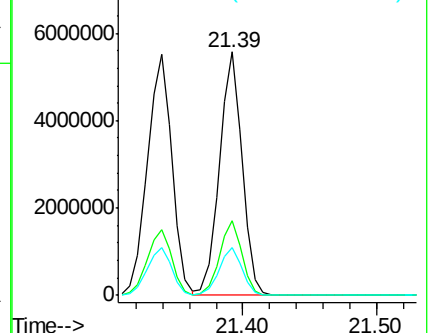
229 19.7 15.6 23.4



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: 59.81 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

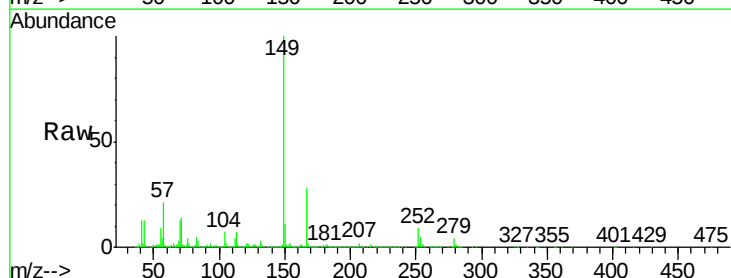
Tgt Ion:149 Resp: 4548749

Ion Ratio Lower Upper

149 100

167 28.0 21.6 32.4

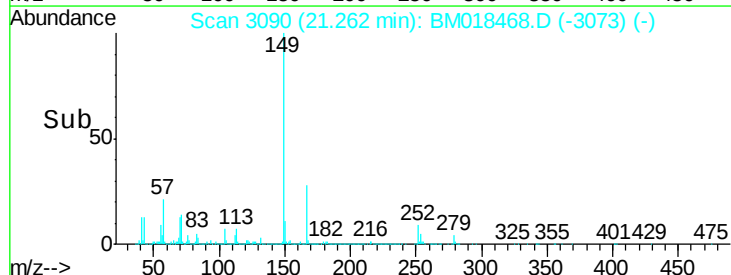
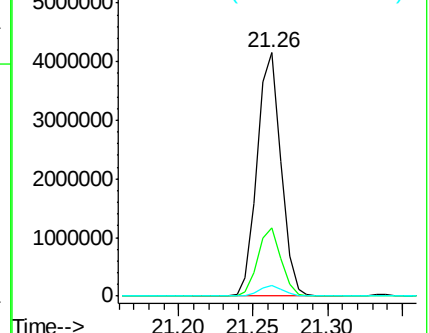
279 4.5 3.3 4.9

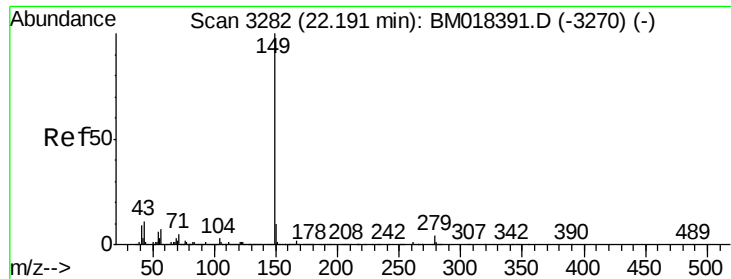


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 60.71 ng

RT: 22.16 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

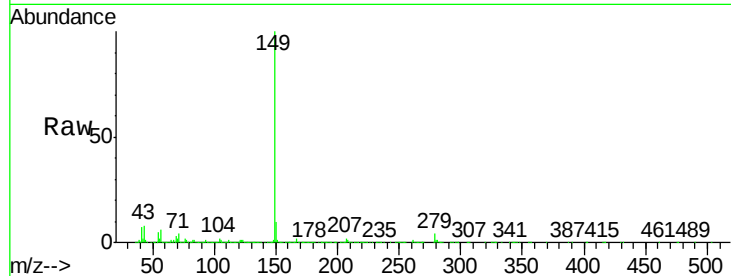
Tot Ion:149 Resp: 7632150

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

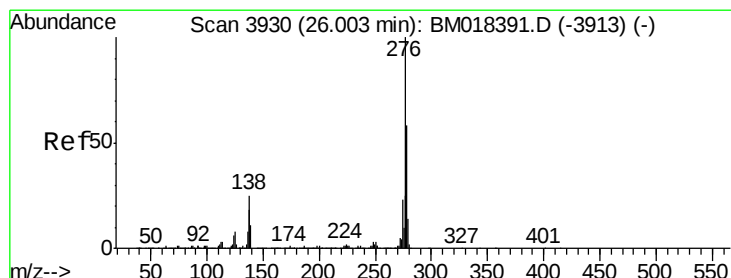
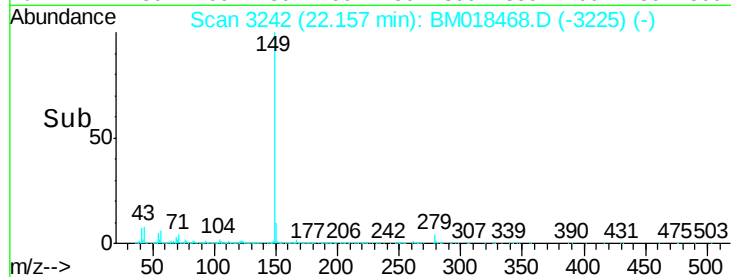
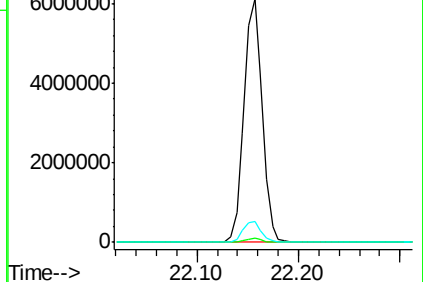
43 8.7 8.6 12.8



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: 58.31 ng

RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

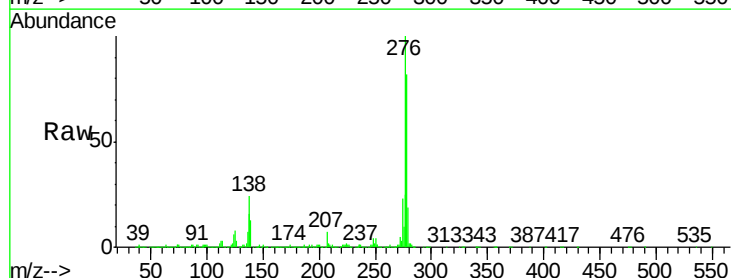
Tgt Ion:276 Resp: 7949320

Ion Ratio Lower Upper

276 100

138 23.9 21.5 32.3

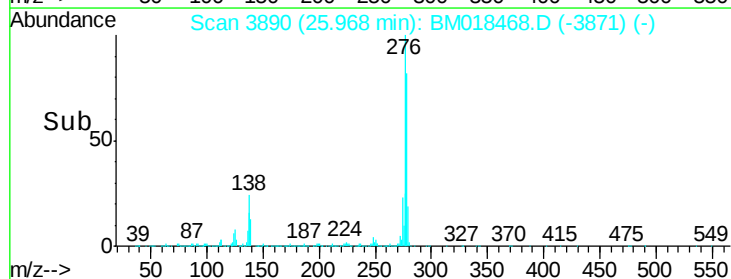
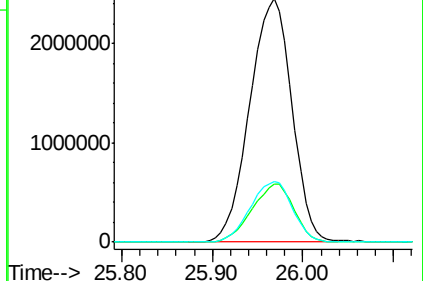
277 25.1 20.2 30.2

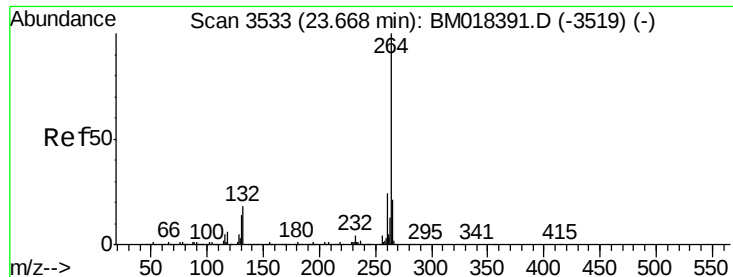


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3494

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

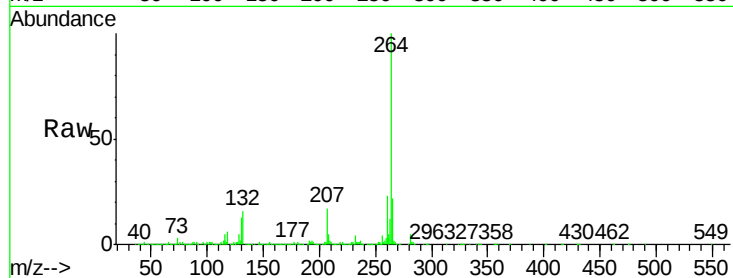
Tot Ion:264 Resp: 1968194

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.8	16.8	25.2

264 100

260 23.2 18.9 28.3

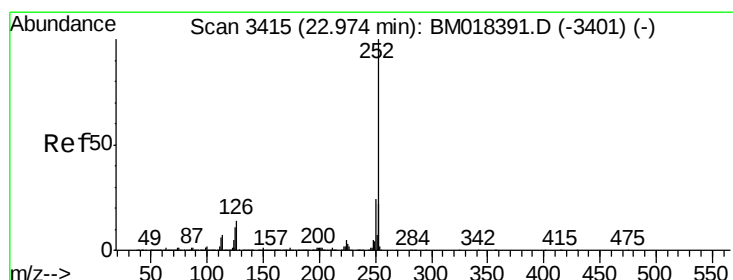
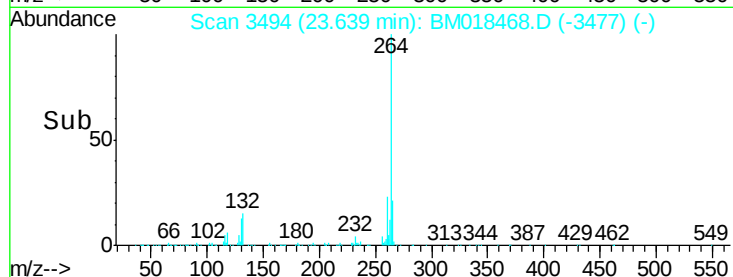
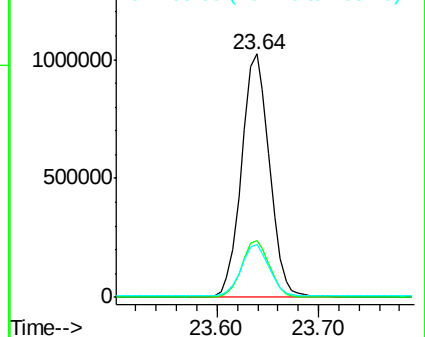
265 21.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 63.75 ng

RT: 22.95 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

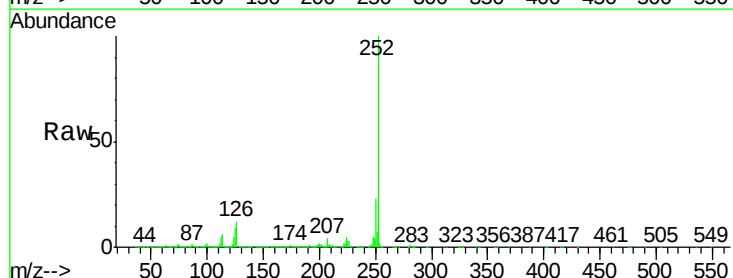
Tgt Ion:252 Resp: 6998255

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.4	8.5	12.7

252 100

253 21.8 17.6 26.4

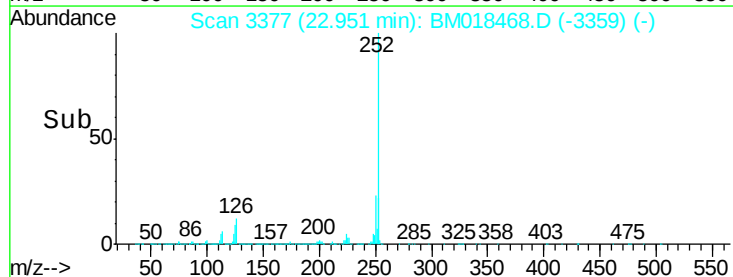
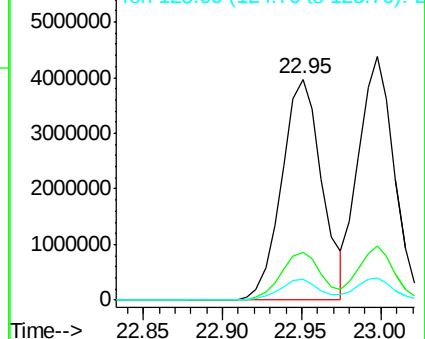
125 9.4 8.5 12.7

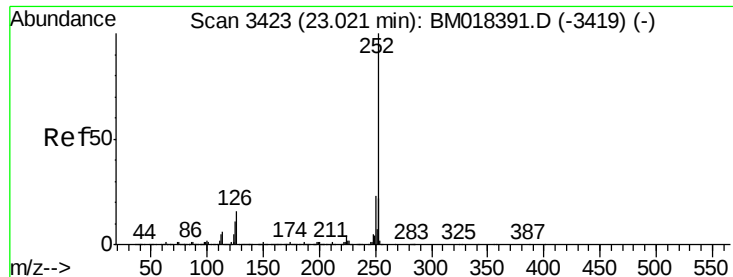


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 62.06 ng

RT: 23.00 min Scan# 3385

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

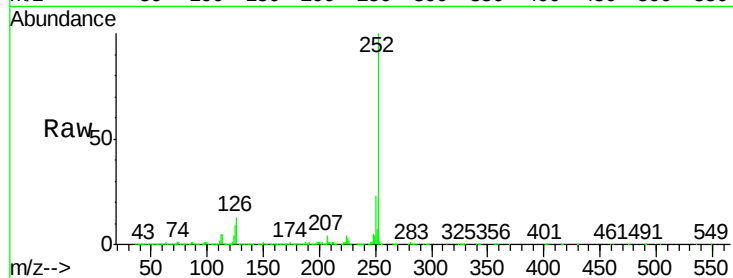
Tot Ion:252 Resp: 6814042

Ion Ratio Lower Upper

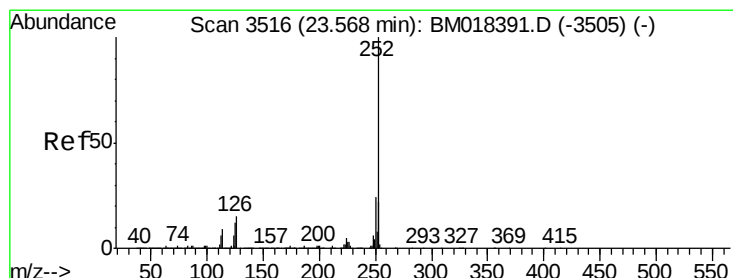
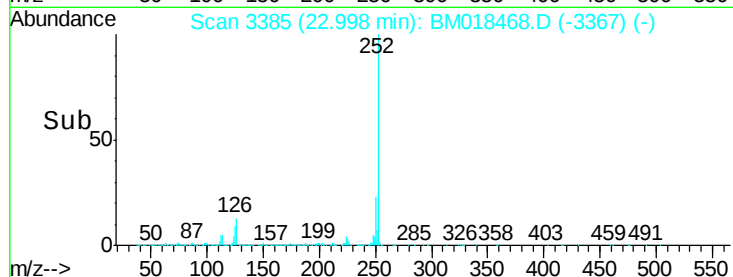
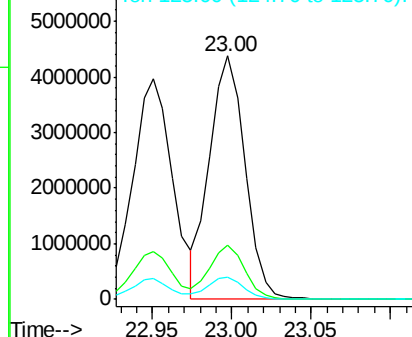
252 100

253 22.0 17.4 26.0

125 8.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 63.02 ng

RT: 23.54 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

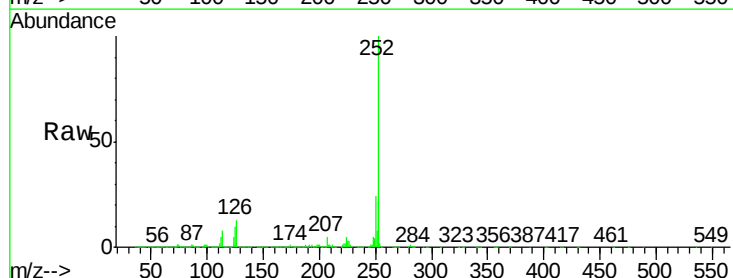
Tgt Ion:252 Resp: 6645594

Ion Ratio Lower Upper

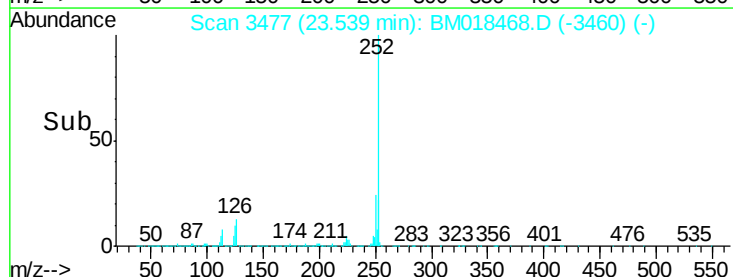
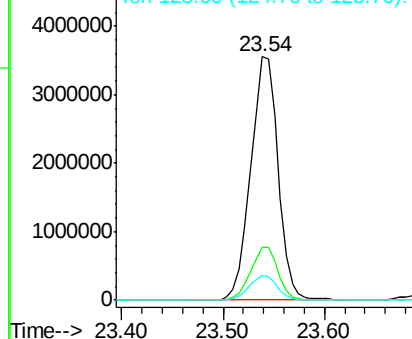
252 100

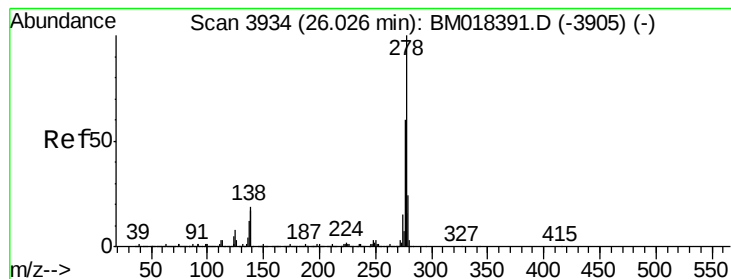
253 21.6 17.5 26.3

125 10.4 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 61.01 ng

RT: 25.98 min Scan# 3892

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

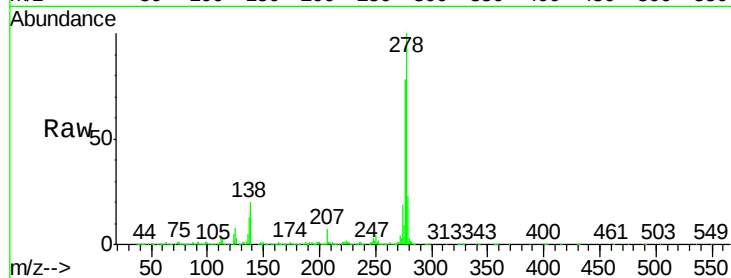
Tot Ion:278 Resp: 6700547

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.2	19.8
279	23.2	19.0	28.4

278 100

139 15.3 13.2 19.8

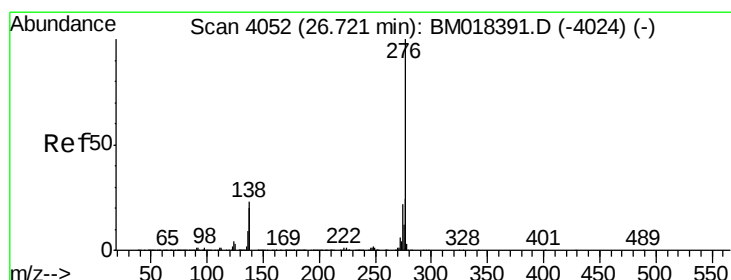
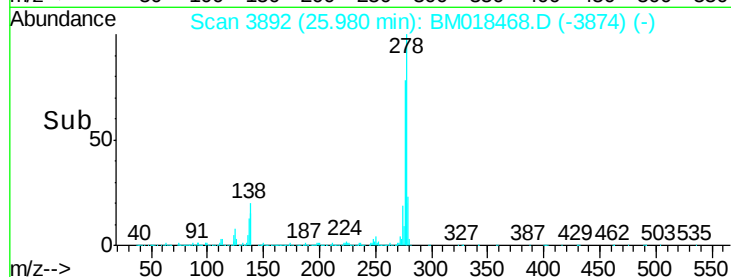
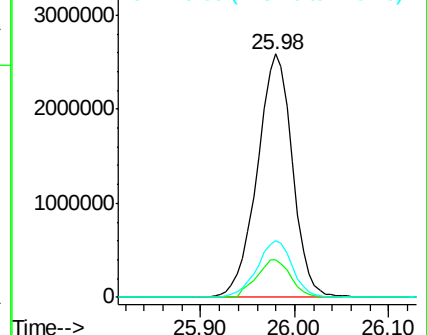
279 23.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.82 ng

RT: 26.68 min Scan# 4011

Delta R.T. 0.01 min

Lab File: BM018468.D

Acq: 09 Jan 2019 11:21

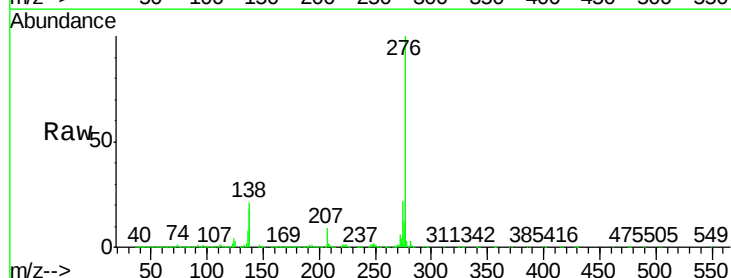
Tgt Ion:276 Resp: 6500415

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.9	18.1	27.1

276 100

277 23.4 19.0 28.4

138 20.9 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

