

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021060.D
 Acq On : 20 Jun 2019 11:24
 Operator : HP/JU
 Sample : SSTDICC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 20 12:28:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	250217	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1101889	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	690220	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1533424	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1400394	20.00	ng	0.00
87) Perylene-d12	23.63	264	1494480	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1145666	80.54	ng	0.00
7) Phenol-d6	6.95	99	1644810	78.53	ng	0.00
23) Nitrobenzene-d5	8.95	82	1715825	80.68	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1018214	119.06	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4714610	90.81	ng	0.00
79) Terphenyl-d14	19.79	244	6138190	73.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	219750	37.733	ng	100
3) Pyridine	3.72	79	595549	32.141	ng	100
4) n-Nitrosodimethylamine	3.63	42	237514	29.736	ng	100
6) Aniline	7.12	93	1101453	36.344	ng	100
8) 2-Chlorophenol	7.35	128	698810	39.490	ng	100
9) Benzaldehyde	6.93	77	427431	36.048	ng	100
10) Phenol	6.98	94	837429	37.101	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	662490	36.829	ng	100
12) 1,3-Dichlorobenzene	7.67	146	850796	41.834	ng	100
13) 1,4-Dichlorobenzene	7.82	146	858551	41.526	ng	100
14) 1,2-Dichlorobenzene	8.13	146	839011	41.699	ng	100
15) Benzyl Alcohol	8.03	79	663566	35.812	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.31	45	864556	31.130	ng	100
17) 2-Methylphenol	8.22	107	597663	37.655	ng	100
18) Hexachloroethane	8.85	117	313075	39.551	ng	100
19) n-Nitroso-di-n-propylamine	8.59	70	598214	35.531	ng	100
20) 3+4-Methylphenols	8.55	107	823149	38.118	ng	100
22) Acetophenone	8.61	105	1139214	40.698	ng	100
24) Nitrobenzene	8.99	77	858281	39.532	ng	100
25) Isophorone	9.51	82	1613640	38.144	ng	100
26) 2-Nitrophenol	9.69	139	424616	52.477	ng	100
27) 2,4-Dimethylphenol	9.75	122	613390	40.455	ng	100
28) bis(2-Chloroethoxy)methane	9.99	93	1009200	39.455	ng	100
29) 2,4-Dichlorophenol	10.22	162	787416	46.939	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	932368	48.337	ng	100
31) Naphthalene	10.62	128	2372445	41.869	ng	100
32) Benzoic acid	9.90	122	472742	55.687	ng	100
33) 4-Chloroaniline	10.74	127	1072358	40.665	ng	100
34) Hexachlorobutadiene	10.89	225	592510	51.195	ng	100
35) Caprolactam	11.55	113	221758	38.052	ng	100
36) 4-Chloro-3-methylphenol	11.86	107	788809	40.444	ng	100
37) 2-Methylnaphthalene	12.23	142	1814178	43.195	ng	100
38) 1-Methylnaphthalene	12.46	142	1730352	43.268	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1095765	48.444	ng	100

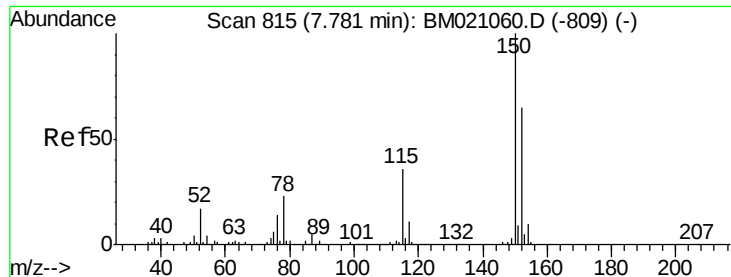
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	675151	49.908	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	720997	49.521	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	738768	49.149	ng	100
46) 1,1'-Biphenyl	13.25	154	2467407	42.804	ng	100
47) 2-Chloronaphthalene	13.29	162	1995072	42.882	ng	100
48) 2-Nitroaniline	13.51	65	536187	36.719	ng	100
49) Acenaphthylene	14.15	152	3008259	41.440	ng	100
50) Dimethylphthalate	13.89	163	2455462	41.640	ng	100
51) 2,6-Dinitrotoluene	14.01	165	528354	44.126	ng	100
52) Acenaphthene	14.49	154	1812112	41.888	ng	100
53) 3-Nitroaniline	14.34	138	527077	39.438	ng	100
54) 2,4-Dinitrophenol	14.55	184	293172	69.321	ng	100
55) Dibenzofuran	14.82	168	2915376	43.390	ng	100
56) 4-Nitrophenol	14.65	139	397218	40.333	ng	100
57) 2,4-Dinitrotoluene	14.80	165	709927	44.281	ng	100
58) Fluorene	15.47	166	2363875	42.782	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	685317	52.323	ng	100
60) Diethylphthalate	15.25	149	2385655	39.226	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1337234	45.709	ng	100
62) 4-Nitroaniline	15.51	138	553645	39.061	ng	100
63) Azobenzene	15.76	77	1989450	34.121	ng	100
65) 4,6-Dinitro-2-methylphenol	15.56	198	379012	59.811	ng	100
66) n-Nitrosodiphenylamine	15.69	169	2027359	41.300	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	850020	47.081	ng	100
68) Hexachlorobenzene	16.47	284	1020119	48.387	ng	100
69) Atrazine	16.64	200	695512	47.473	ng	100
70) Pentachlorophenol	16.82	266	541075	53.797	ng	100
71) Phenanthrene	17.21	178	3622437	41.676	ng	100
72) Anthracene	17.30	178	3604561	41.434	ng	100
73) Carbazole	17.58	167	3117774	39.493	ng	100
74) Di-n-butylphthalate	18.13	149	3889623	37.955	ng	100
75) Fluoranthene	19.23	202	4126216	42.687	ng	100
77) Benzidine	19.42	184	1680927	39.613	ng	100
78) Pyrene	19.59	202	4203798	39.118	ng	100
80) Butylbenzylphthalate	20.49	149	1654279	36.426	ng	100
81) Benzo(a)anthracene	21.34	228	4018499	41.206	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1554562	43.531	ng	100
83) Chrysene	21.39	228	3840625	41.430	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2423521	36.717	ng	100
85) Di-n-octyl phthalate	22.15	149	3992607	38.101	ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	4596818	48.471	ng	100
88) Benzo(b)fluoranthene	22.94	252	4061808	41.121	ng	100
89) Benzo(k)fluoranthene	22.99	252	3882556	40.222	ng	100
90) Benzo(a)pyrene	23.53	252	3685041	41.130	ng	100
91) Dibenzo(a,h)anthracene	25.94	278	3827177	44.030	ng	100
92) Benzo(g,h,i)perylene	26.64	276	3593539	44.509	ng	100

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

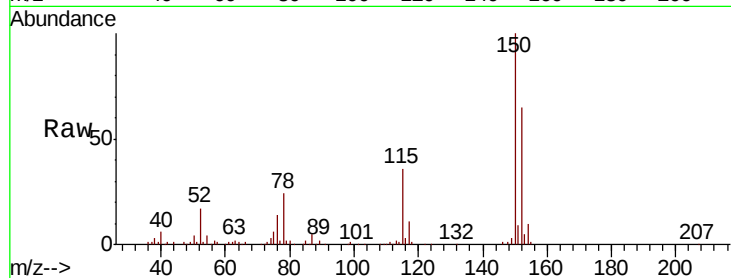


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.1	184.7
115	55.3	44.2	66.4

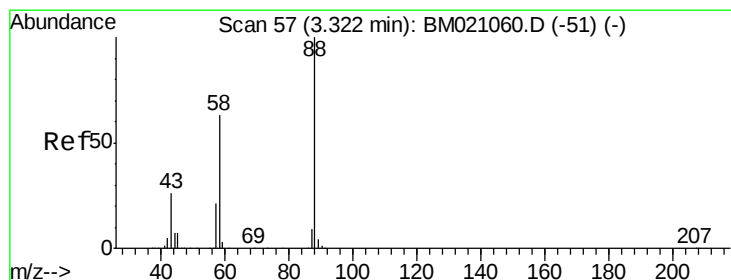
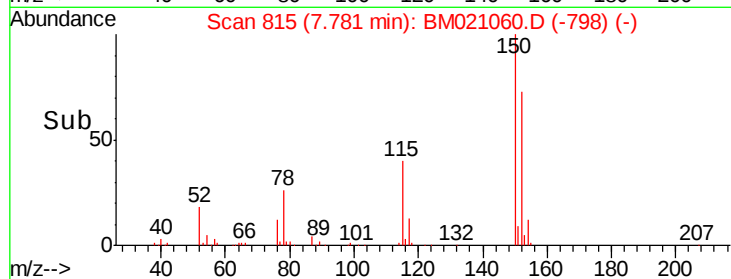
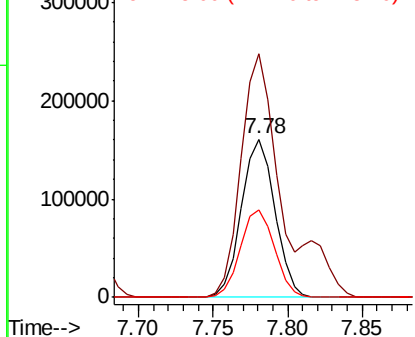


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

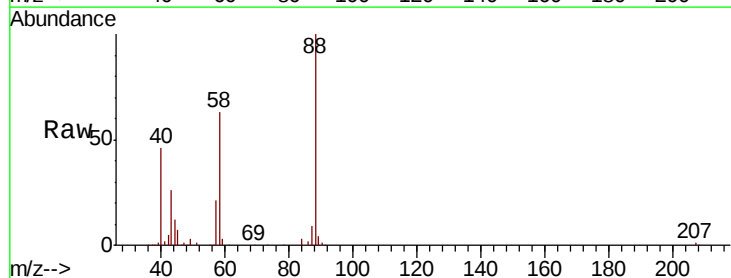
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.733 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.9	77.9
43	26.8	21.4	32.2

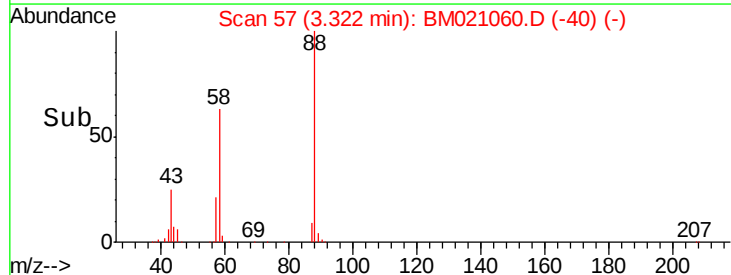
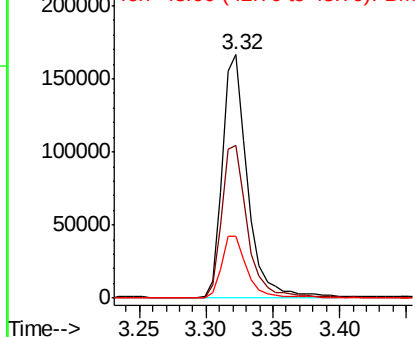


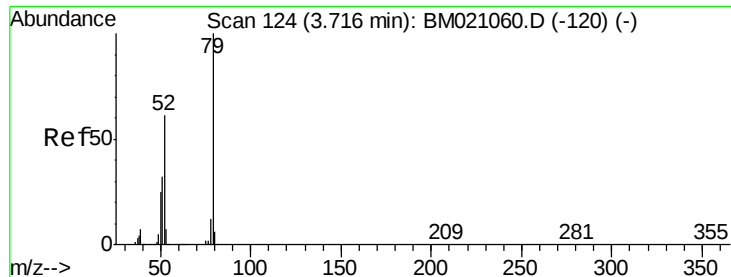
Abundance

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: 32.141 ng

RT: 3.72 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampled :

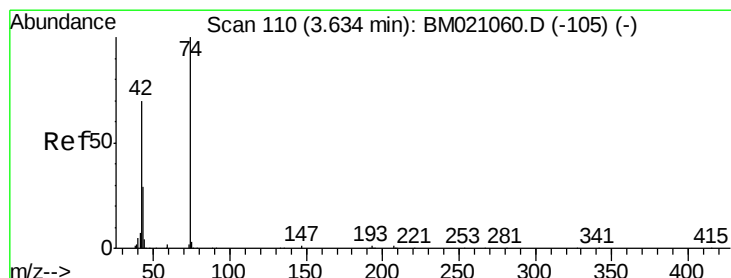
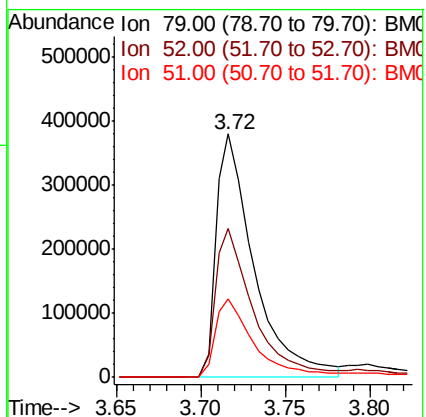
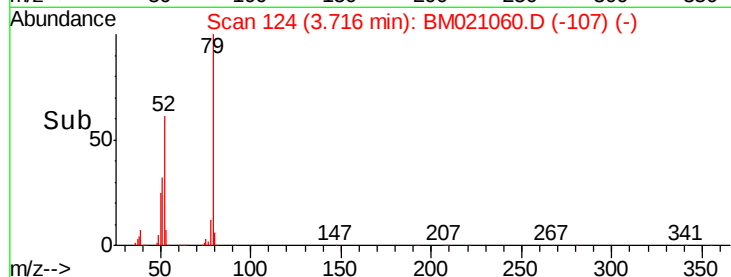
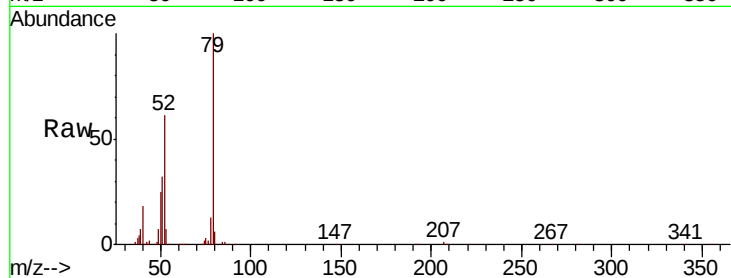
Tot Ion: 79 Resp: 595549

Ion Ratio Lower Upper

79 100

52 61.0 48.8 73.2

51 32.1 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 29.736 ng

RT: 3.63 min Scan# 110

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

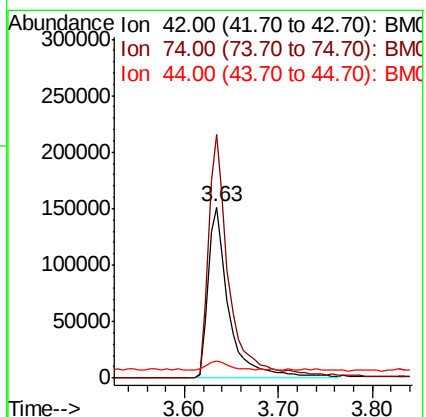
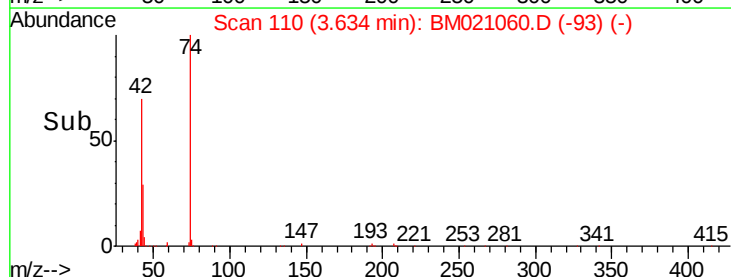
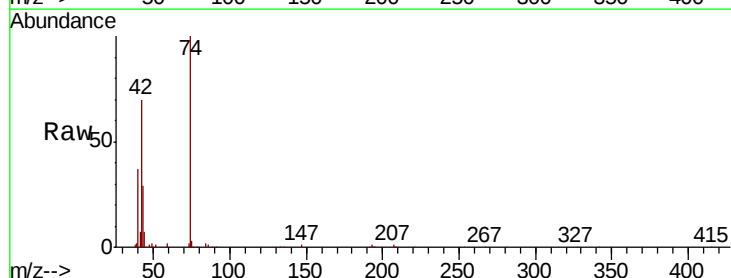
Tgt Ion: 42 Resp: 237514

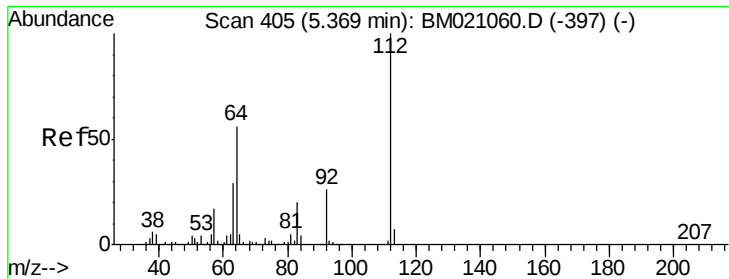
Ion Ratio Lower Upper

42 100

74 142.2 113.8 170.6

44 10.2 8.2 12.2





#5

2-Fluorophenol

Concen: 80.542 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

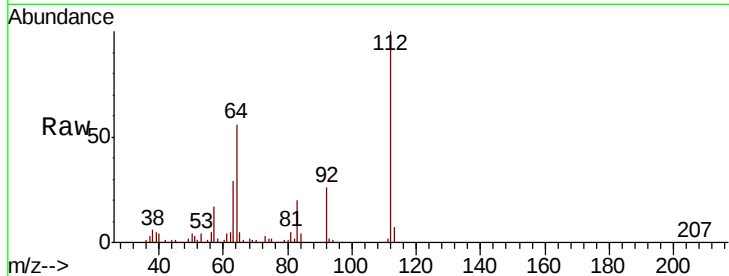
Tot Ion:112 Resp: 1145666

Ion Ratio Lower Upper

112 100

64 56.5 45.2 67.8

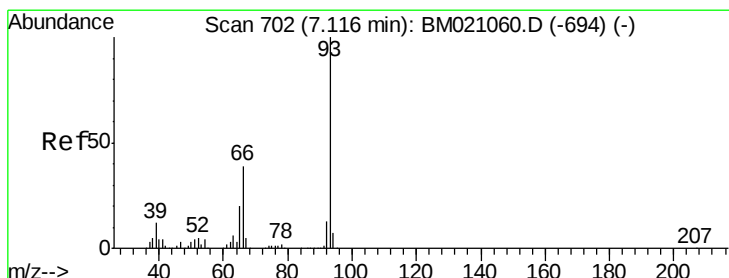
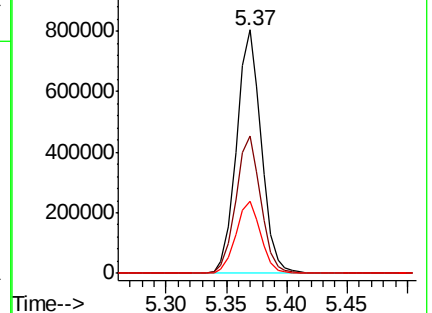
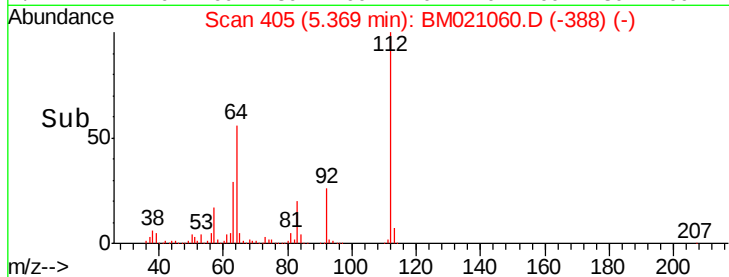
63 29.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 36.344 ng

RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

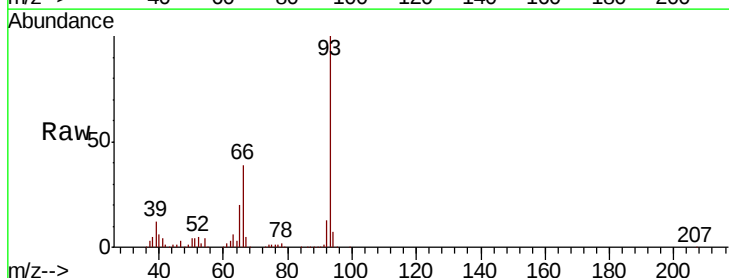
Tgt Ion: 93 Resp: 1101453

Ion Ratio Lower Upper

93 100

66 39.1 31.3 46.9

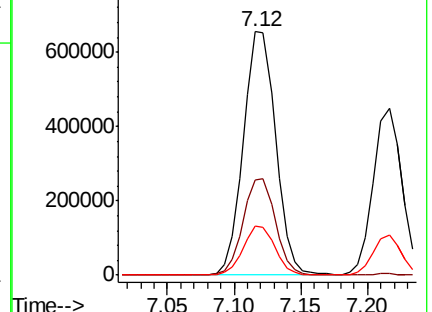
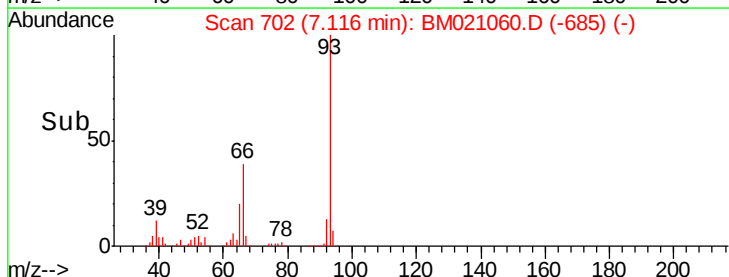
65 19.9 15.9 23.9

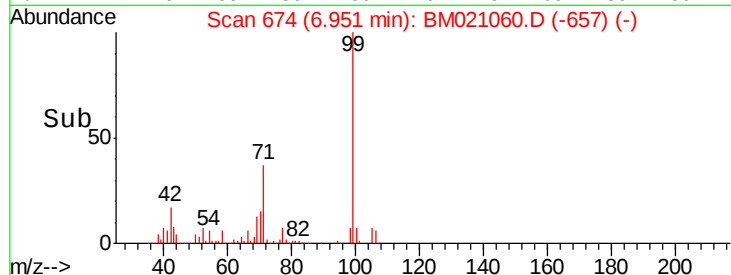
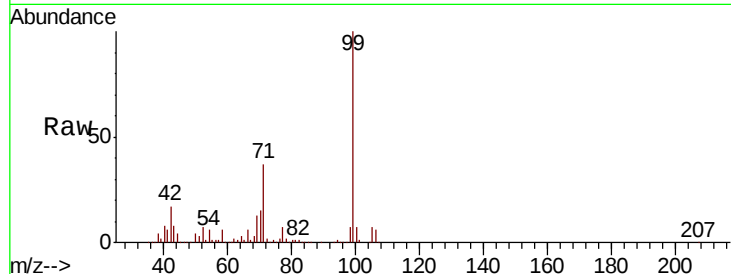
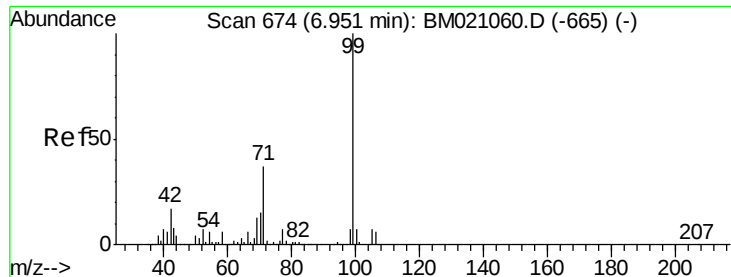


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.530 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

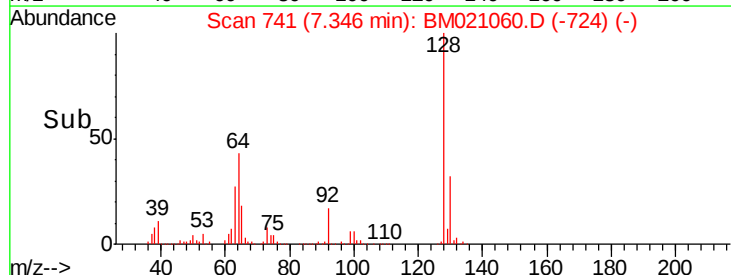
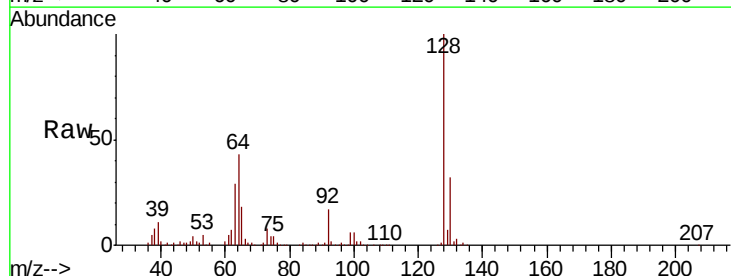
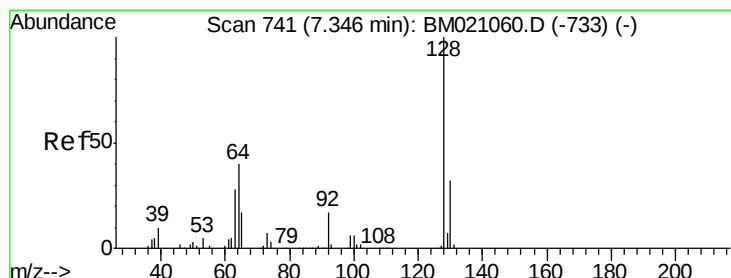
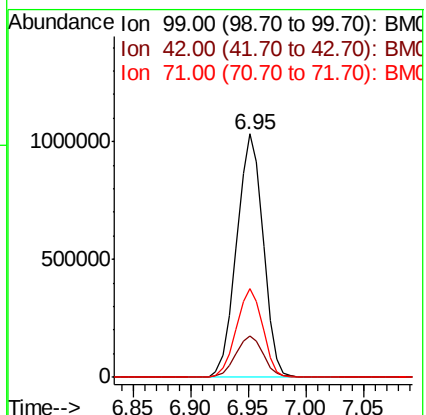
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1644810

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	36.6	29.3	43.9



#8

2-Chlorophenol

Concen: 39.490 ng

RT: 7.35 min Scan# 741

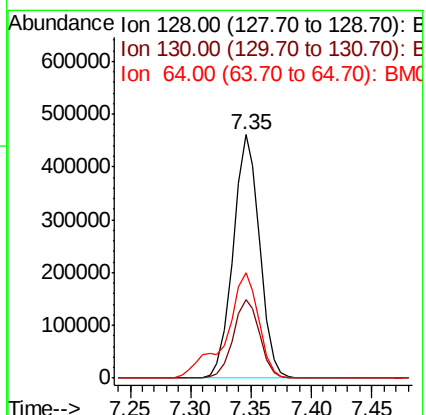
Delta R.T. 0.00 min

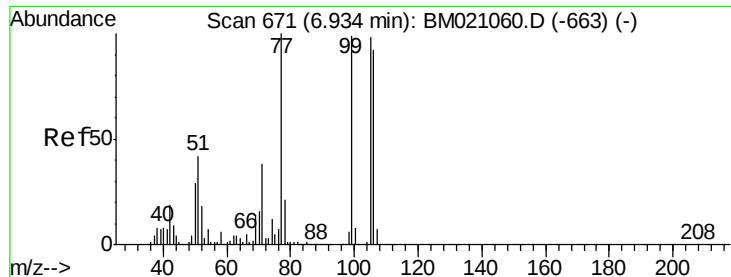
Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion: 128 Resp: 698810

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	43.2	23.2	63.2





#9

Benzaldehyde

Concen: 36.048 ng

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

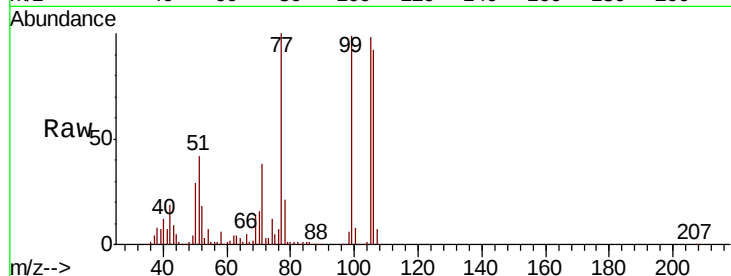
Tot Ion: 77 Resp: 427431

Ion Ratio Lower Upper

77 100

105 97.8 77.8 117.8

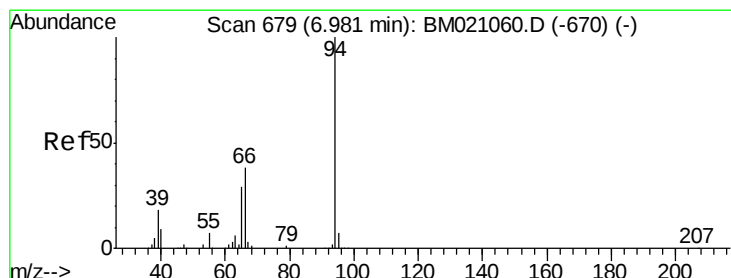
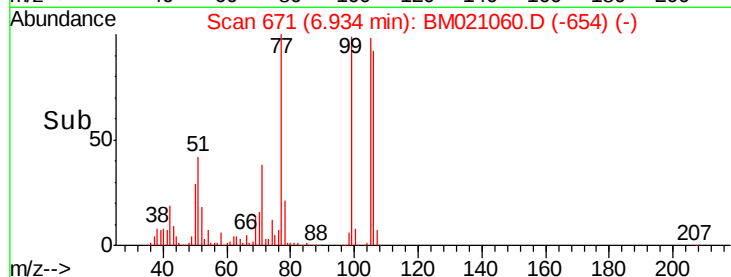
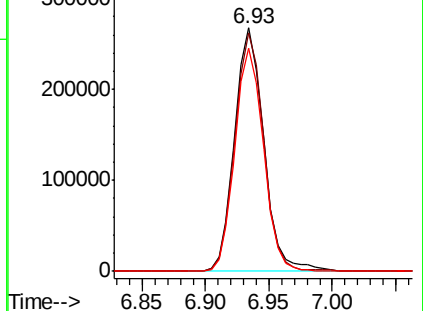
106 91.8 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM021060.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM021060.D (-663) (-)



#10

Phenol

Concen: 37.101 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

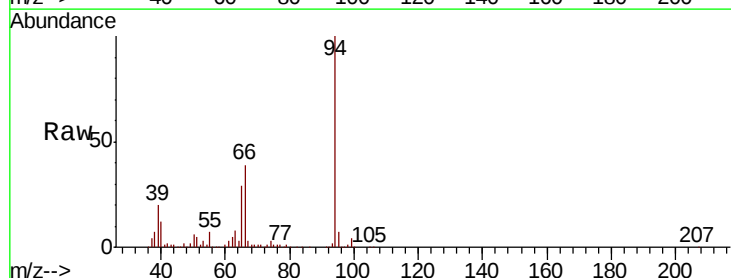
Tgt Ion: 94 Resp: 837429

Ion Ratio Lower Upper

94 100

65 28.7 8.7 48.7

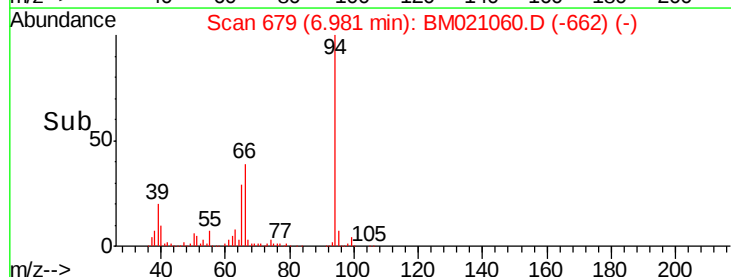
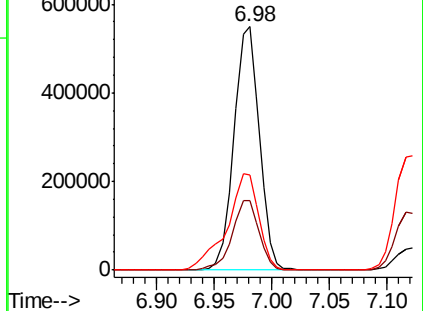
66 39.0 19.0 59.0

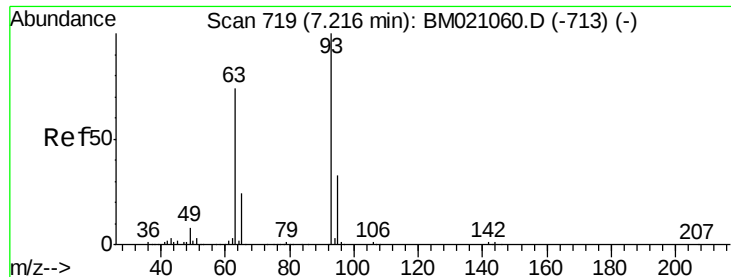


Abundance Ion 94.00 (93.70 to 94.70): BM021060.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM021060.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM021060.D (-670) (-)

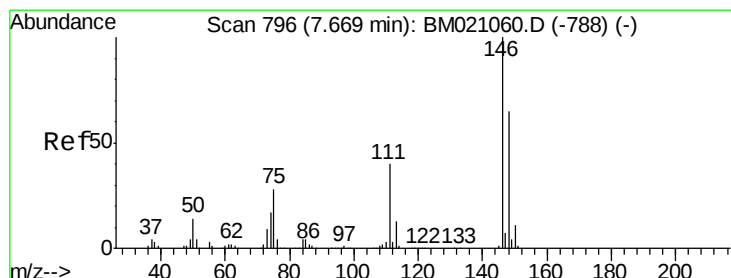
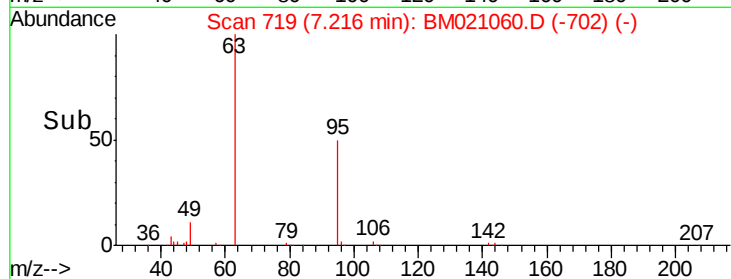
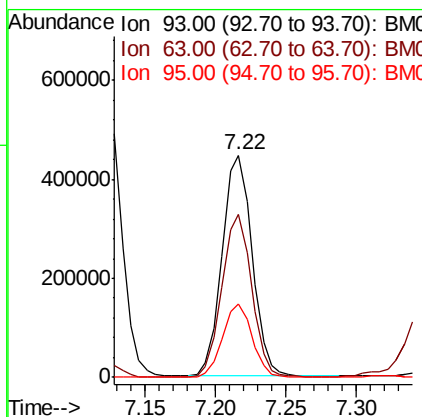
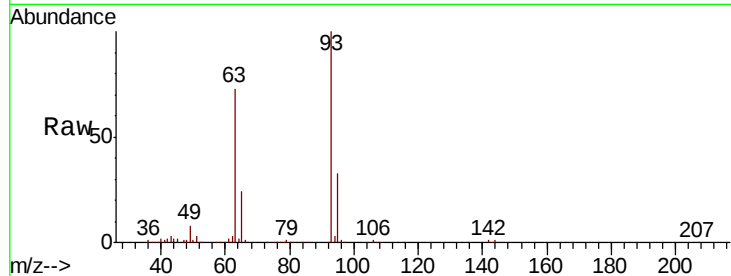




#11
bis(2-Chloroethyl)ether
Concen: 36.829 ng
RT: 7.22 min Scan# 719
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

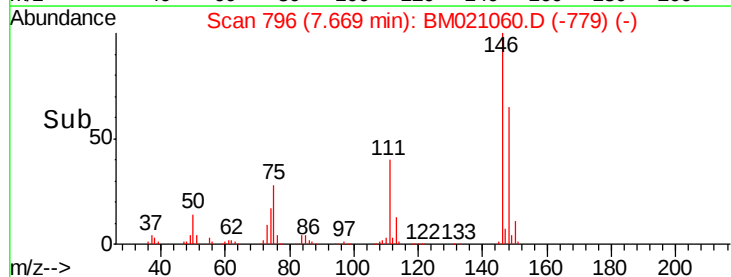
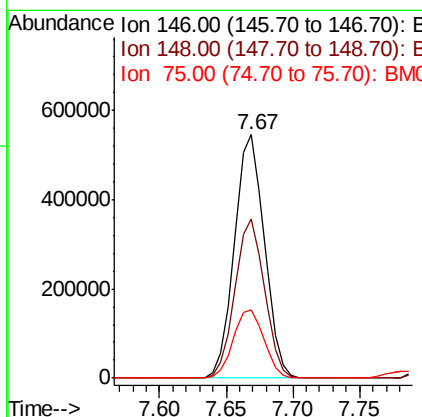
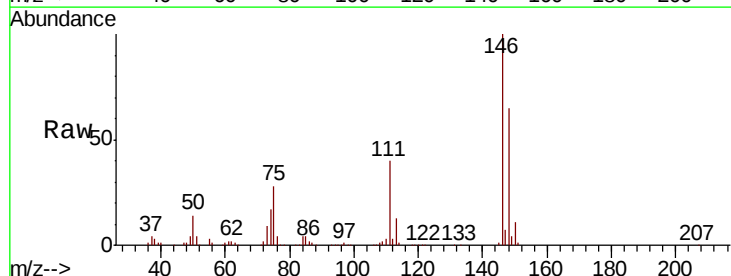
Instrument :
BNA_M
ClientSampleId :

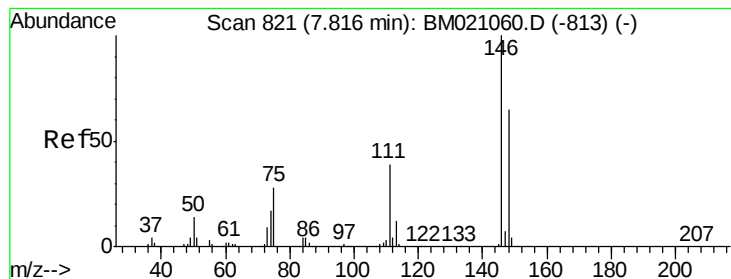
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	53.4	93.4
95	33.0	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 41.834 ng
RT: 7.67 min Scan# 796
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
75	27.8	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 41.526 ng

RT: 7.82 min Scan# 821

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

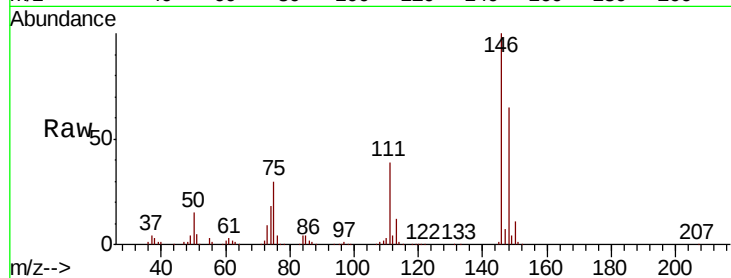
Tot Ion:146 Resp: 858551

Ion Ratio Lower Upper

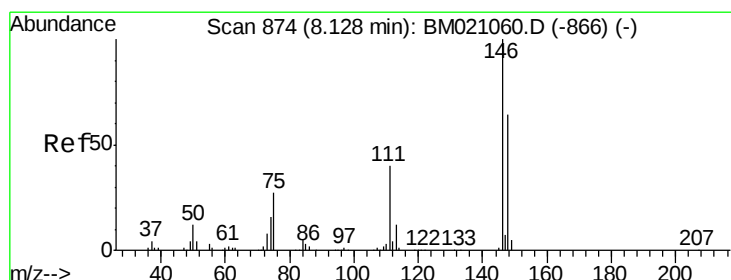
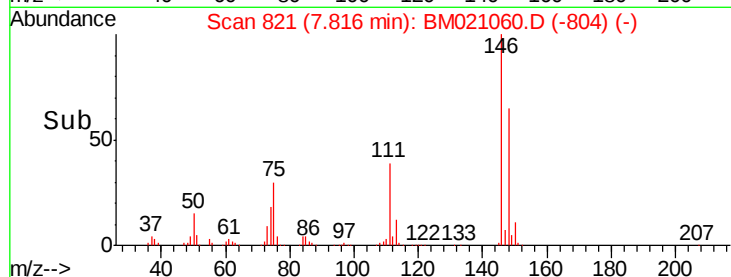
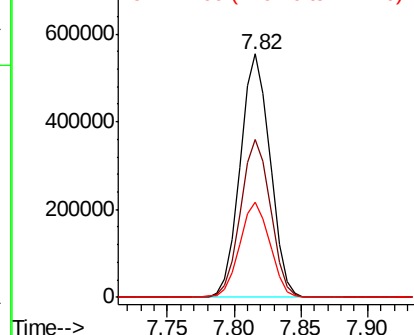
146 100

148 64.9 51.9 77.9

111 39.2 31.4 47.0



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: 41.699 ng

RT: 8.13 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

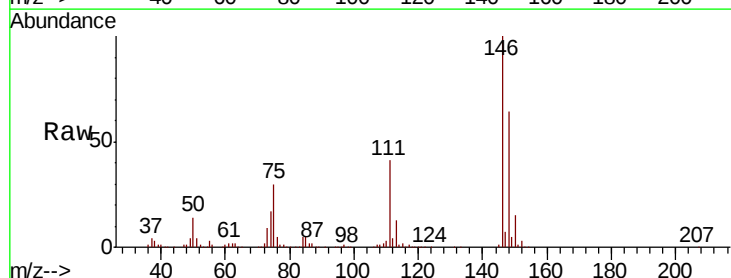
Tgt Ion:146 Resp: 839011

Ion Ratio Lower Upper

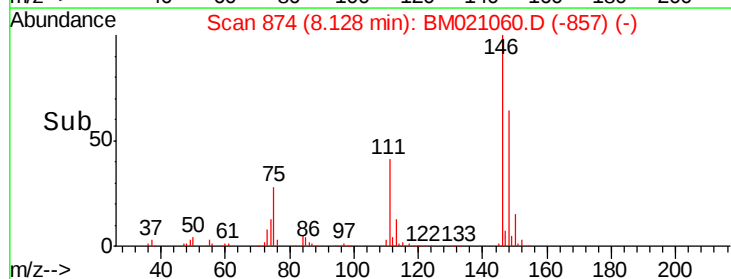
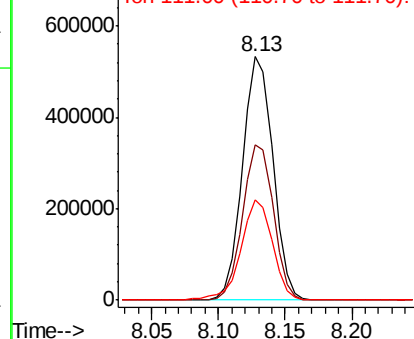
146 100

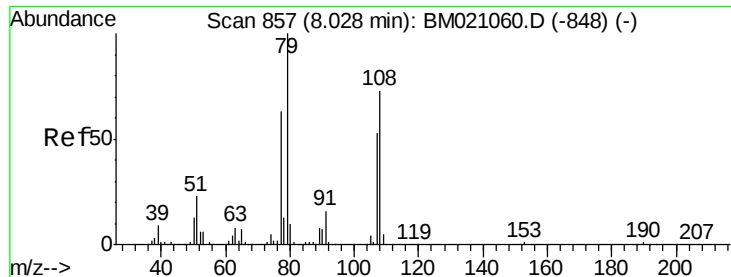
148 64.0 51.2 76.8

111 41.0 32.8 49.2



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





#15

Benzyl Alcohol

Concen: 35.812 ng

RT: 8.03 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampled :

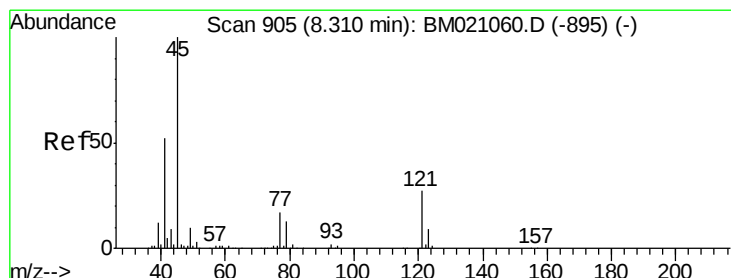
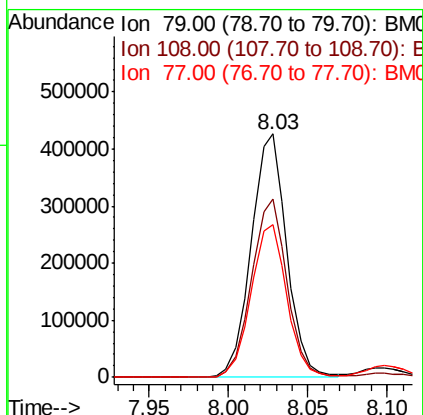
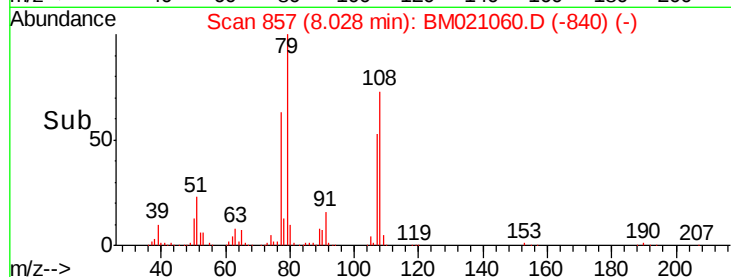
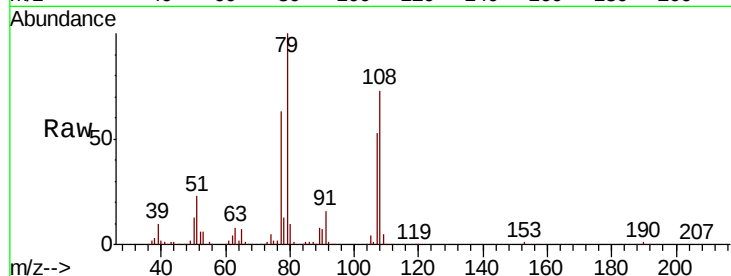
Tot Ion: 79 Resp: 663566

Ion Ratio Lower Upper

79 100

108 73.0 58.4 87.6

77 62.6 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.130 ng

RT: 8.31 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

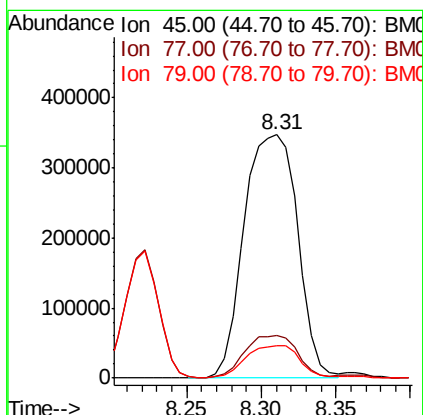
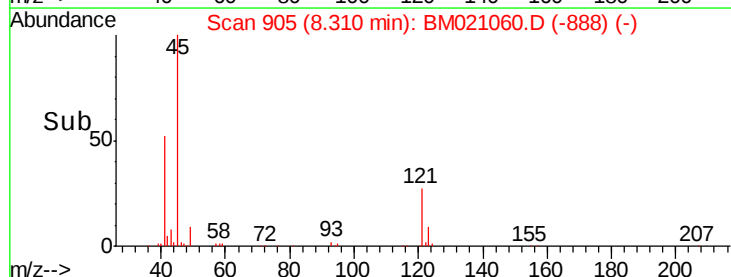
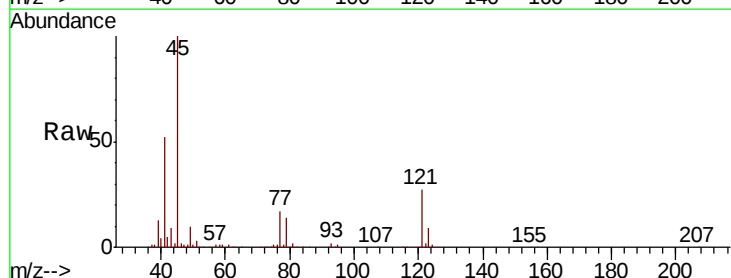
Tgt Ion: 45 Resp: 864556

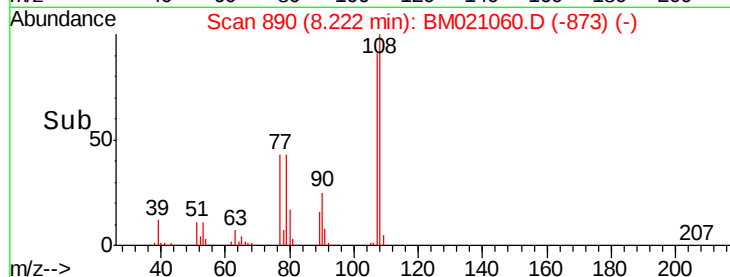
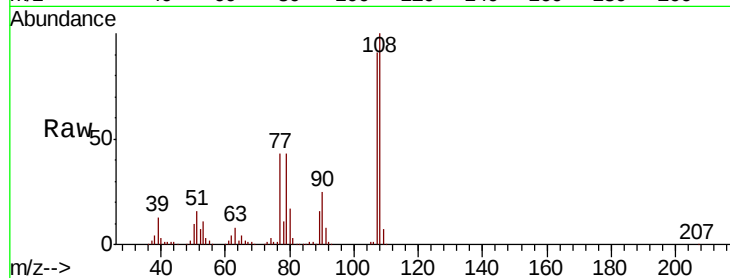
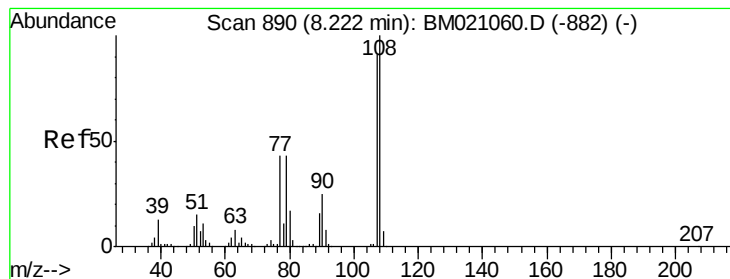
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.5

79 13.5 0.0 33.5





#17

2-Methylphenol

Concen: 37.655 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 597663

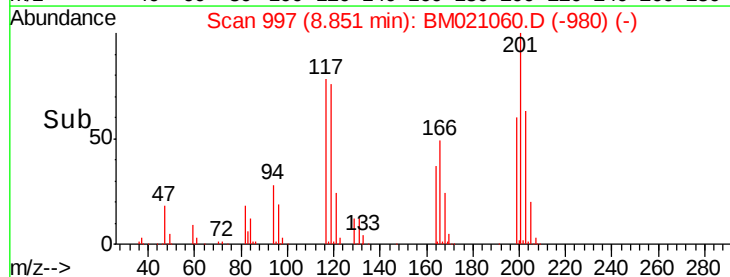
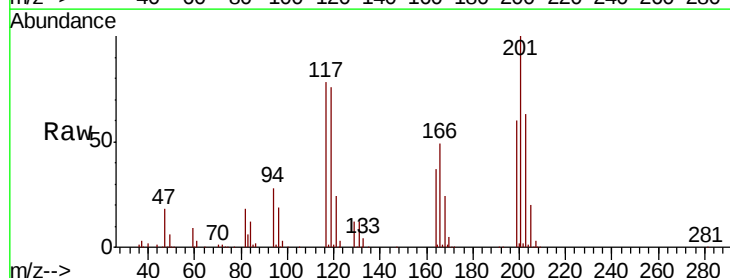
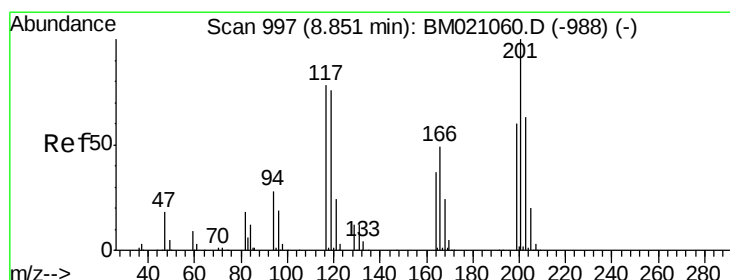
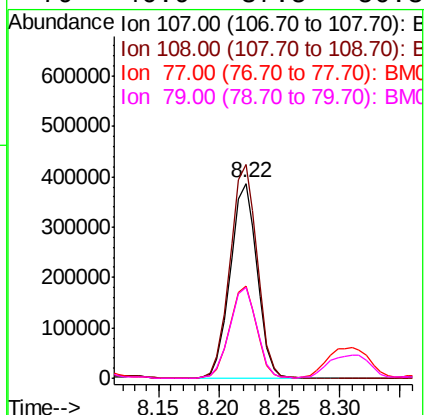
Ion Ratio Lower Upper

107 100

108 109.4 87.5 131.3

77 47.3 37.8 56.8

79 46.9 37.5 56.3



#18

Hexachloroethane

Concen: 39.551 ng

RT: 8.85 min Scan# 997

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

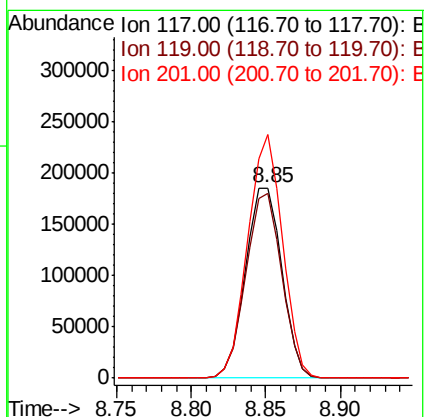
Tgt Ion:117 Resp: 313075

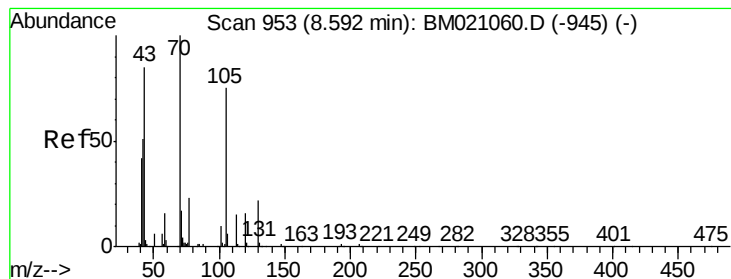
Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3

201 127.9 102.3 153.5





#19

n-Nitroso-di-n-propylamine

Concen: 35.531 ng

RT: 8.59 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 598214

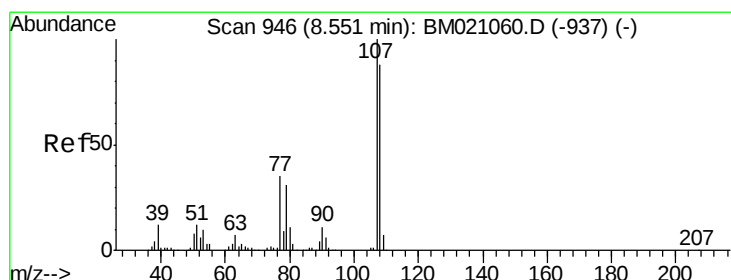
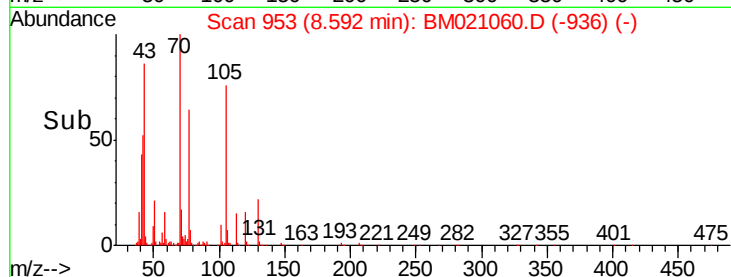
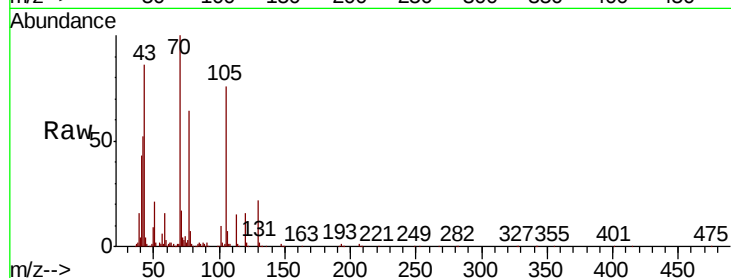
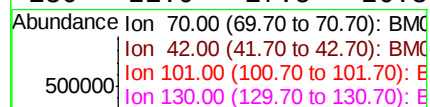
Ion	Ratio	Lower	Upper
70	100		
42	52.4	41.9	62.9
101	10.1	8.1	12.1
130	21.9	17.5	26.3

70 100

42 52.4 41.9 62.9

101 10.1 8.1 12.1

130 21.9 17.5 26.3



#20

3+4-Methylphenols

Concen: 38.118 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion: 107 Resp: 823149

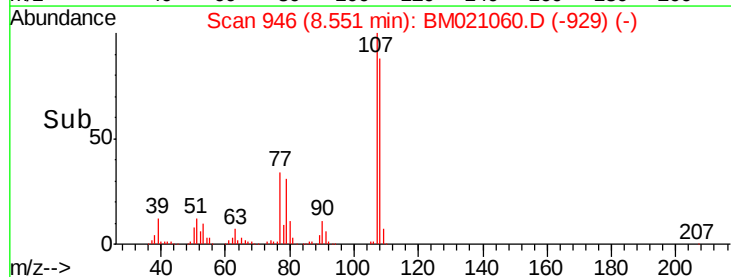
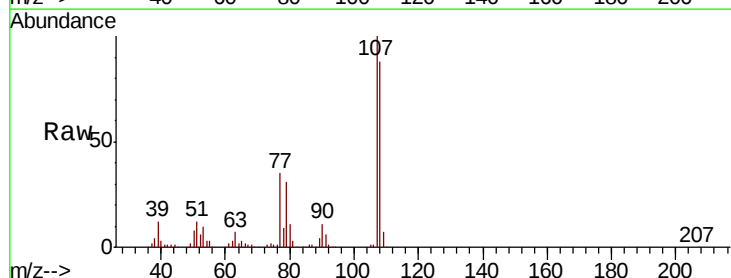
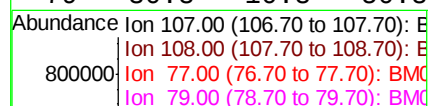
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	34.6	14.6	54.6
79	30.8	10.8	50.8

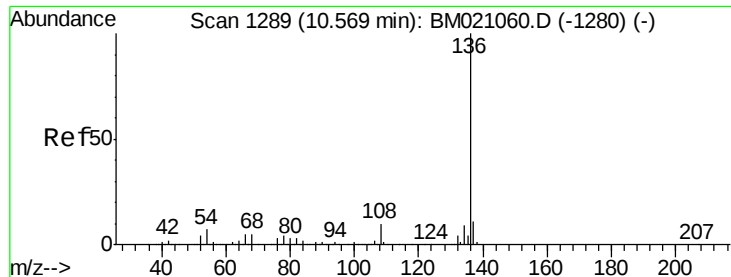
107 100

108 87.9 67.9 107.9

77 34.6 14.6 54.6

79 30.8 10.8 50.8

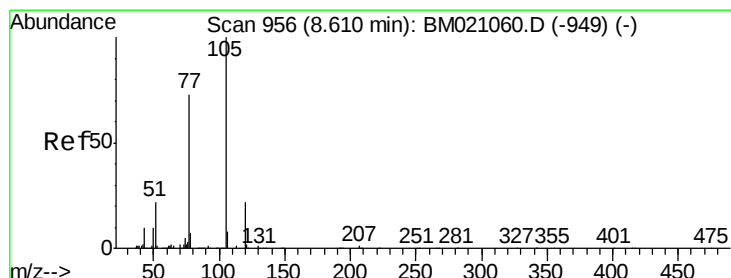
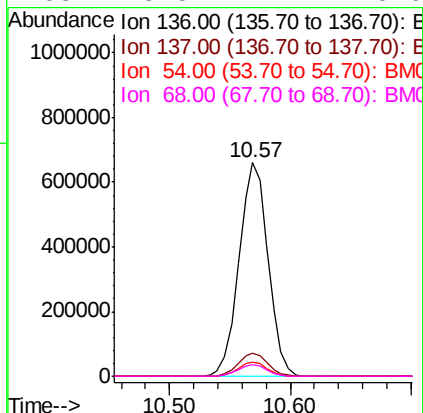
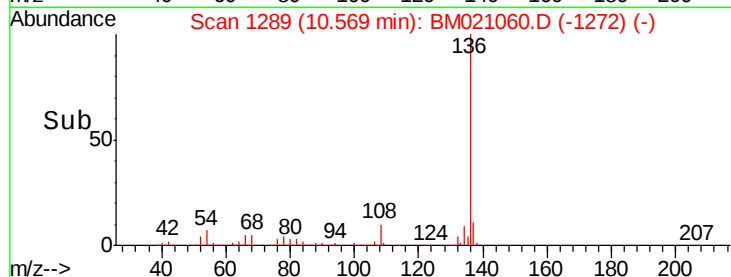
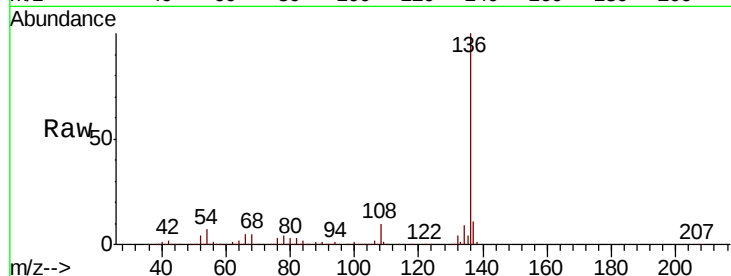




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

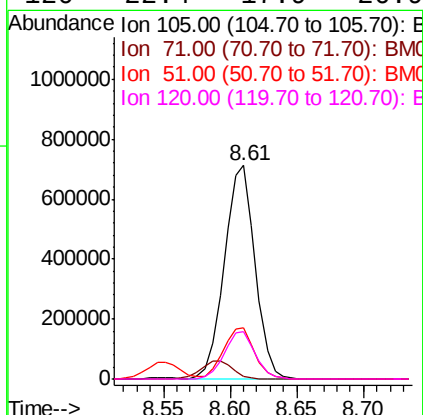
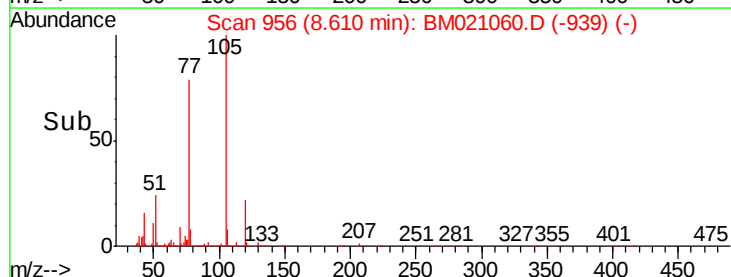
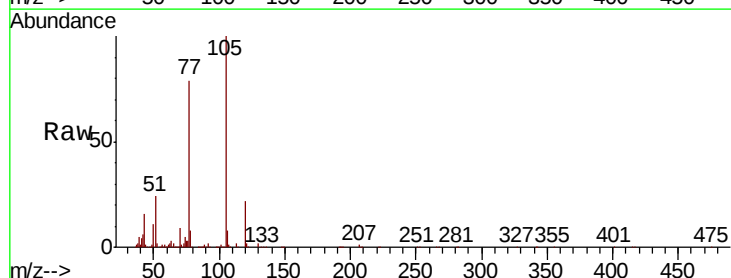
Instrument :
BNA_M
ClientSampleId :

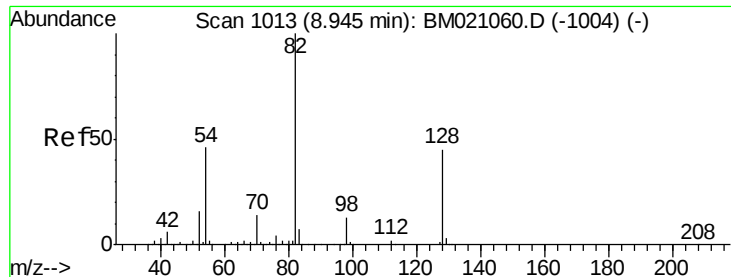
Tot Ion:136	Resp: 1101889
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 6.6	5.3 7.9
68 5.5	4.4 6.6



#22
Acetophenone
Concen: 40.698 ng
RT: 8.61 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt	Ion:105	Resp:	1139214
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.2	1.8
51	23.9	19.1	28.7
120	22.4	17.9	26.9

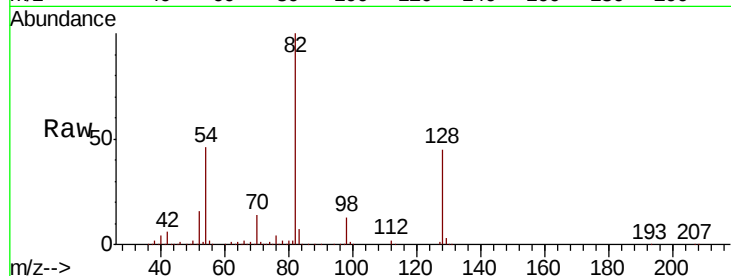




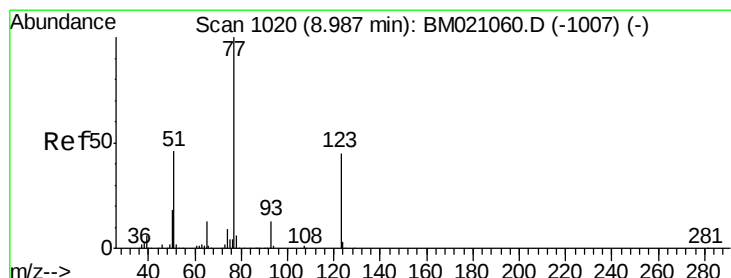
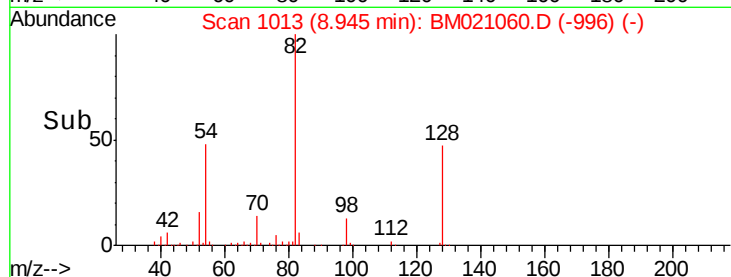
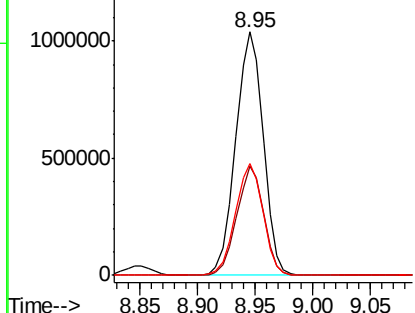
#23
 Nitrobenzene-d5
 Concen: 80.680 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1715825
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.9 53.9
 54 45.8 36.6 55.0

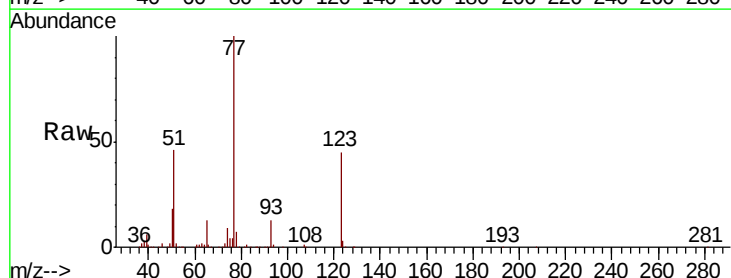


Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1004) (-)
 Ion 128.00 (127.70 to 128.70): BM021060.D (-1004) (-)
 Ion 54.00 (53.70 to 54.70): BM021060.D (-1004) (-)

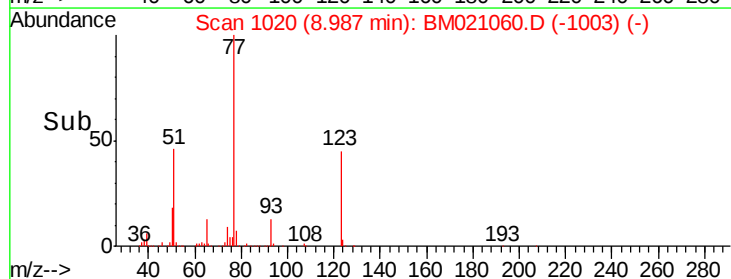
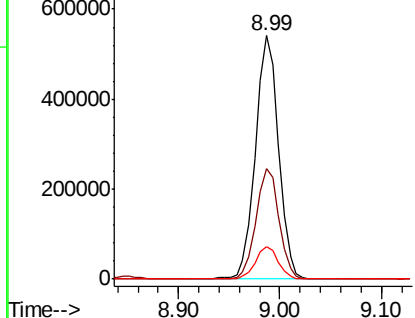


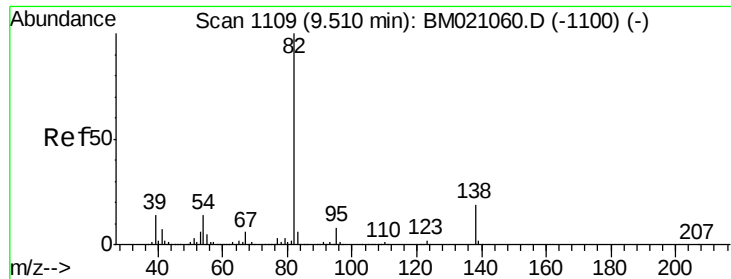
#24
 Nitrobenzene
 Concen: 39.532 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion: 77 Resp: 858281
 Ion Ratio Lower Upper
 77 100
 123 45.4 36.3 54.5
 65 13.3 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-1007) (-)
 Ion 123.00 (122.70 to 123.70): BM021060.D (-1007) (-)
 Ion 65.00 (64.70 to 65.70): BM021060.D (-1007) (-)

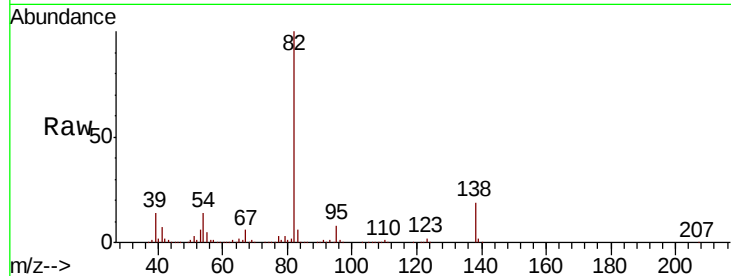




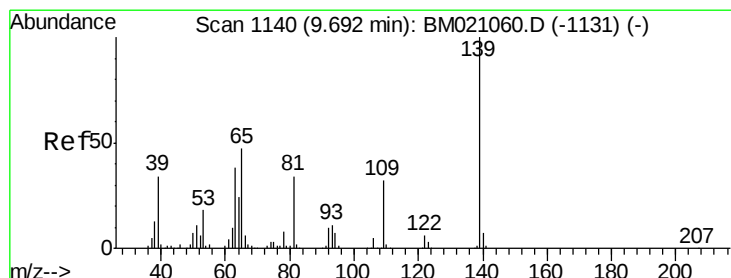
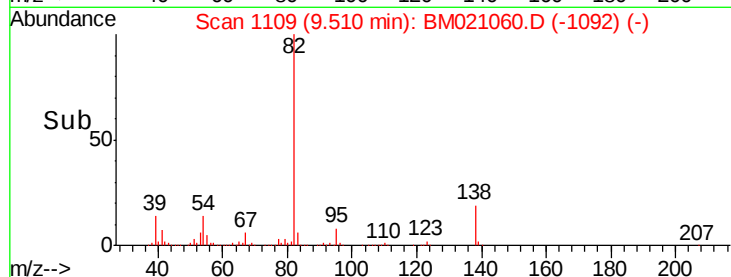
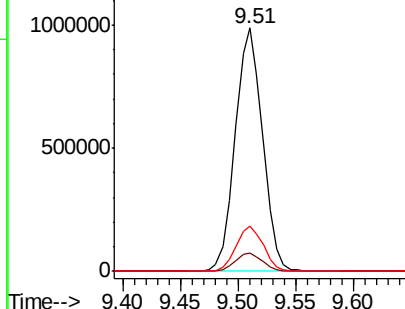
#25
Isophorone
Concen: 38.144 ng
RT: 9.51 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1613640
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.8 15.0 22.6

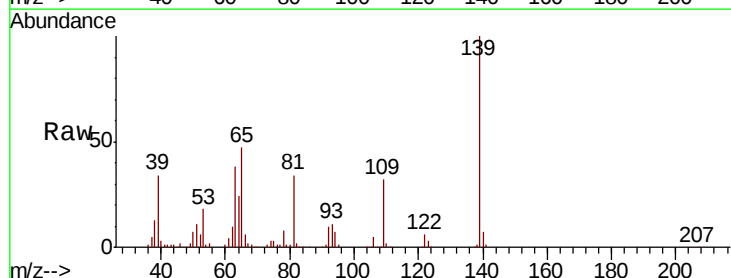


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

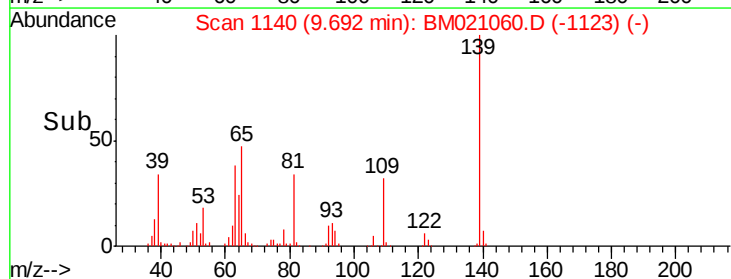
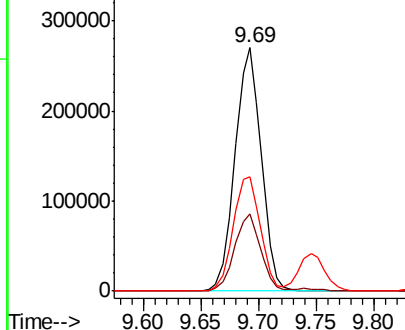


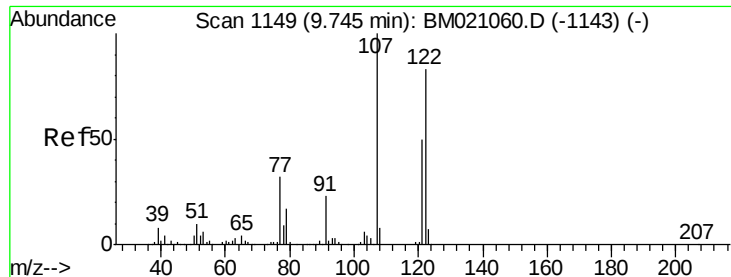
#26
2-Nitrophenol
Concen: 52.477 ng
RT: 9.69 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:139 Resp: 424616
Ion Ratio Lower Upper
139 100
109 31.5 25.2 37.8
65 46.7 37.4 56.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

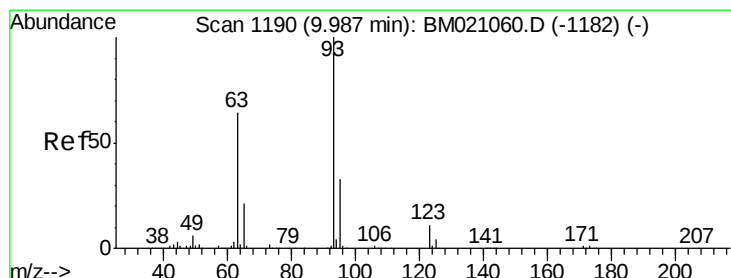
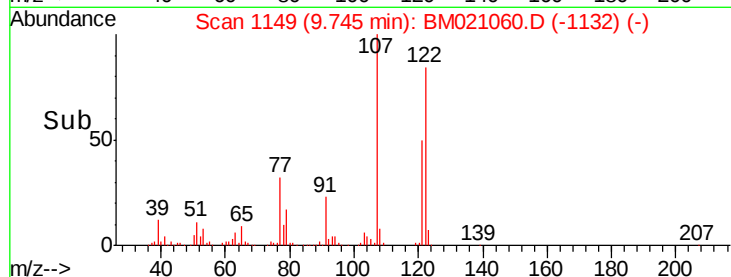
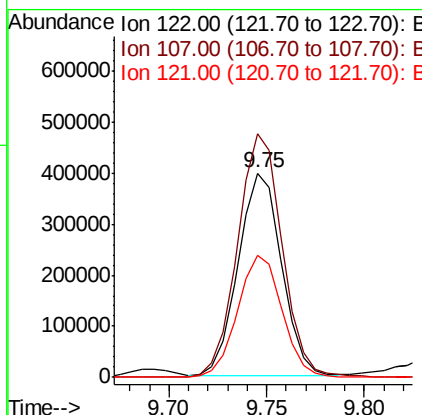
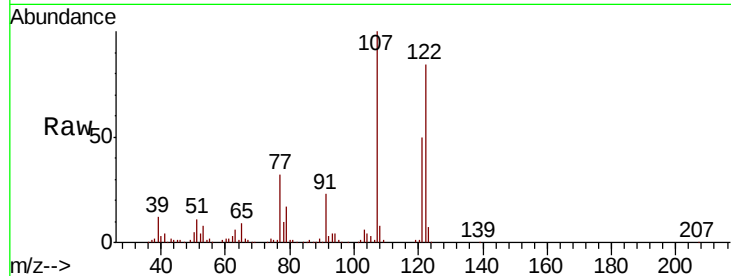




#27
 2,4-Dimethylphenol
 Concen: 40.455 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

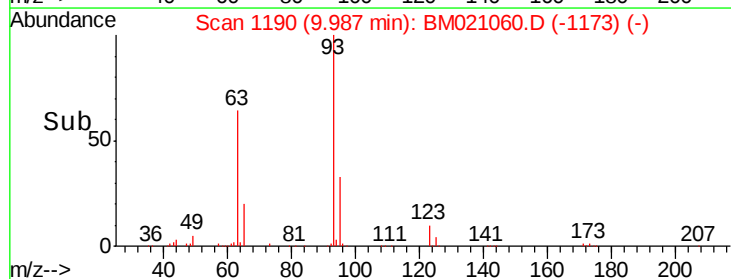
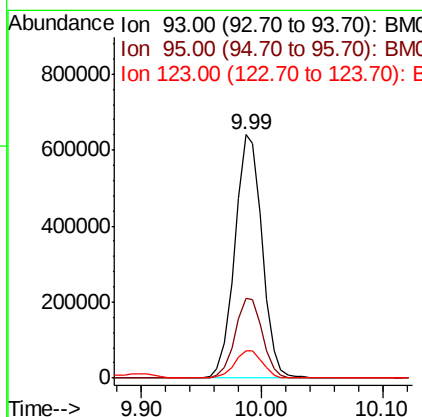
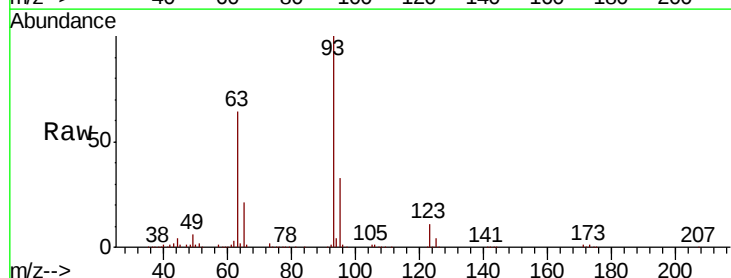
Instrument :
 BNA_M
 ClientSampleId :

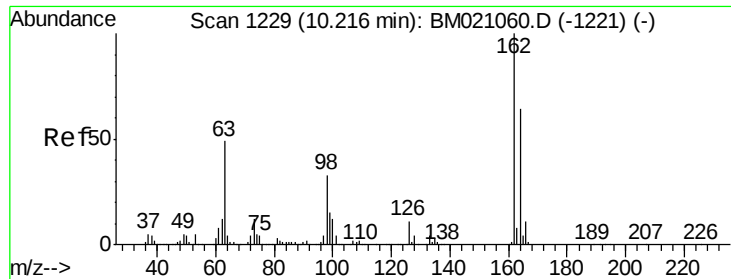
Tot Ion:122 Resp: 613390
 Ion Ratio Lower Upper
 122 100
 107 119.1 95.3 142.9
 121 59.4 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.455 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion: 93 Resp: 1009200
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 11.2 9.0 13.4

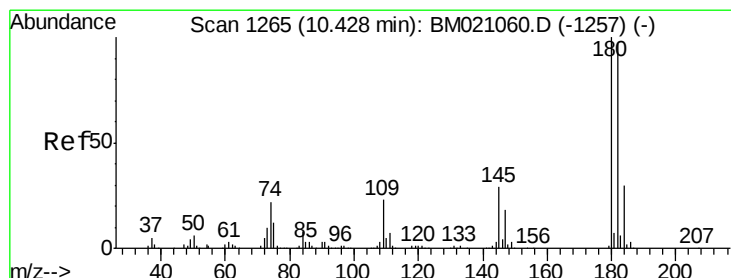
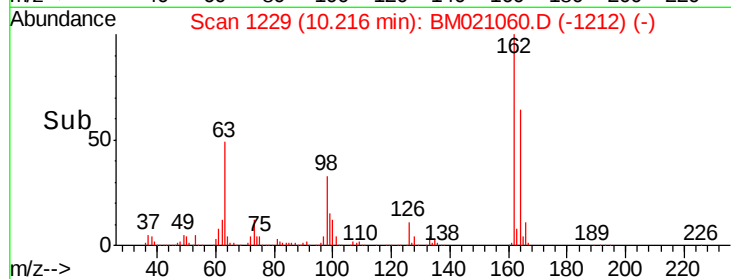
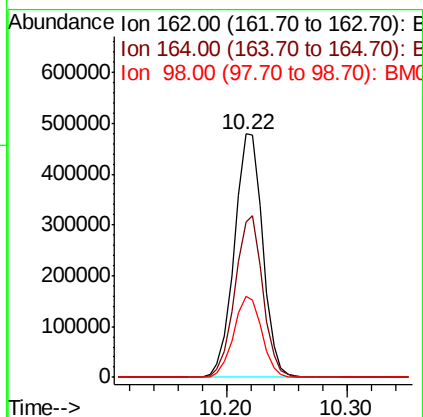
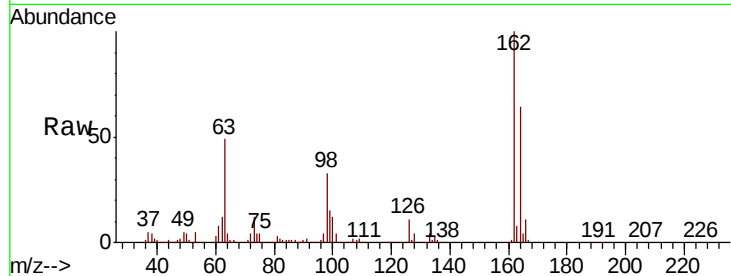




#29
 2,4-Dichlorophenol
 Concen: 46.939 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

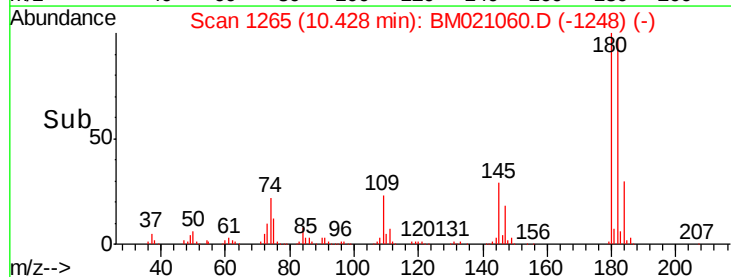
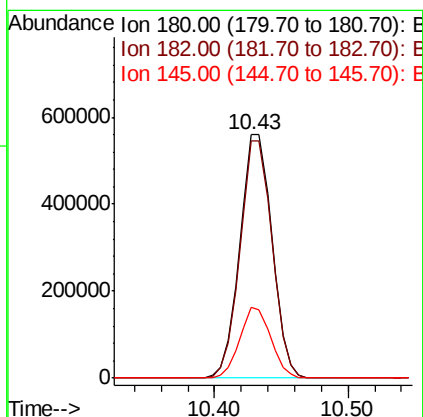
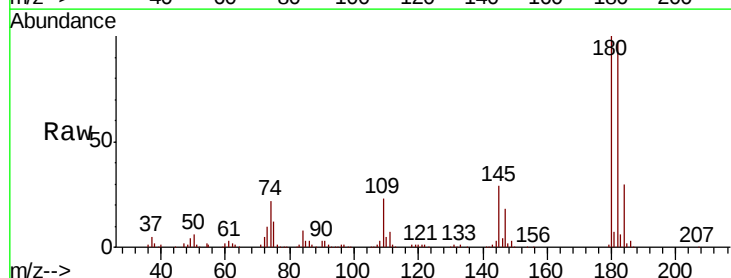
Instrument :
 BNA_M
 ClientSampleId :

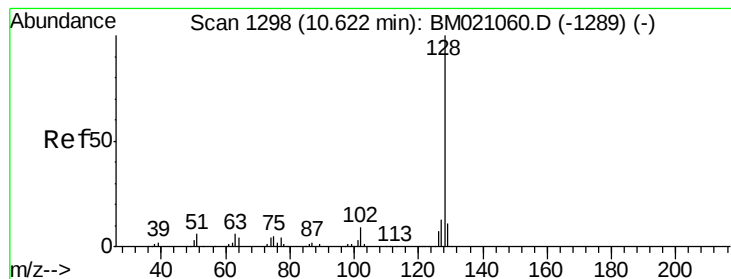
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	33.4	13.4	53.4



#30
 1,2,4-Trichlorobenzene
 Concen: 48.337 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	29.2	23.4	35.0





#31

Naphthalene

Concen: 41.869 ng

RT: 10.62 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

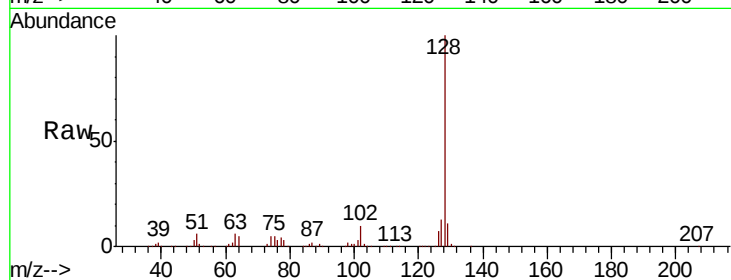
Tot Ion:128 Resp: 2372445

Ion Ratio Lower Upper

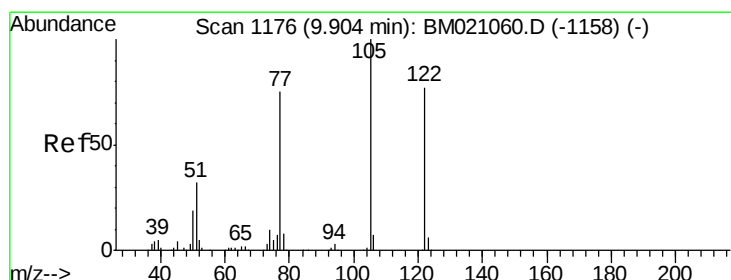
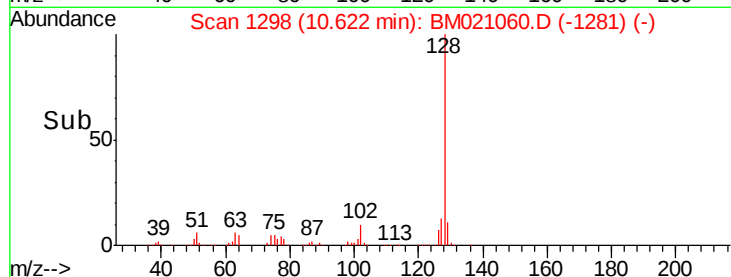
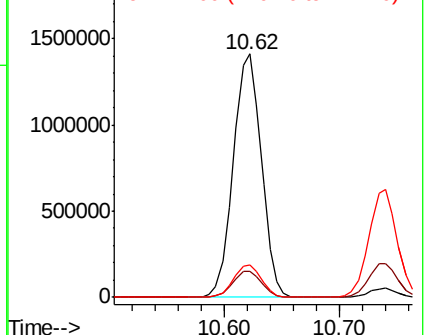
128 100

129 10.8 8.6 13.0

127 13.5 10.8 16.2



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



#32

Benzoic acid

Concen: 55.687 ng

RT: 9.90 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

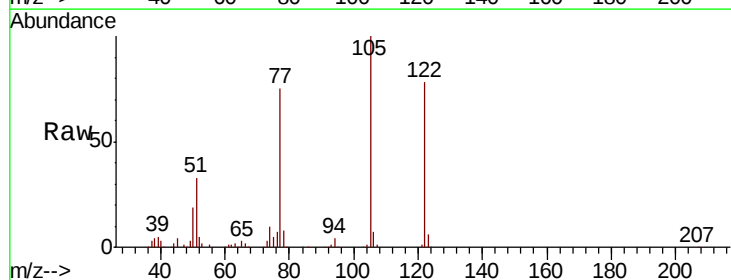
Tgt Ion:122 Resp: 472742

Ion Ratio Lower Upper

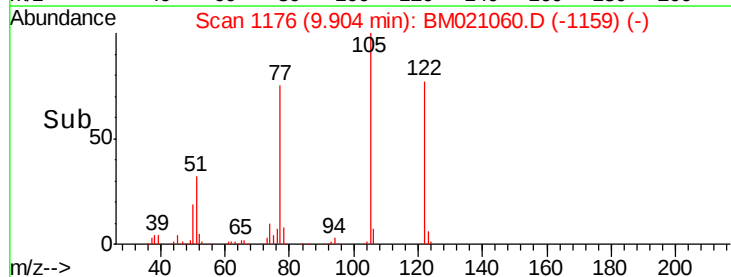
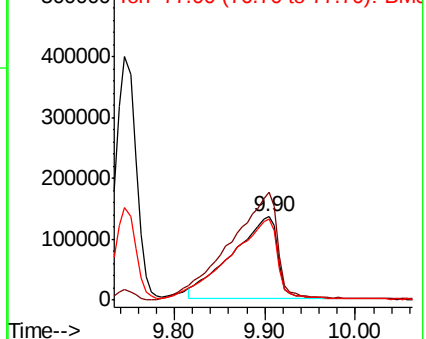
122 100

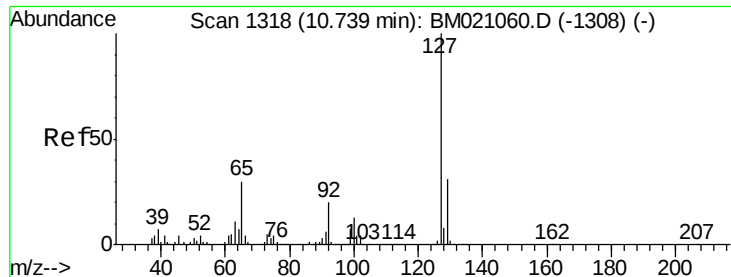
105 128.9 108.9 148.9

77 96.7 76.7 116.7



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

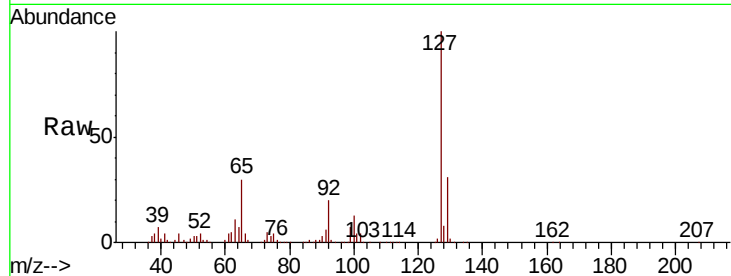




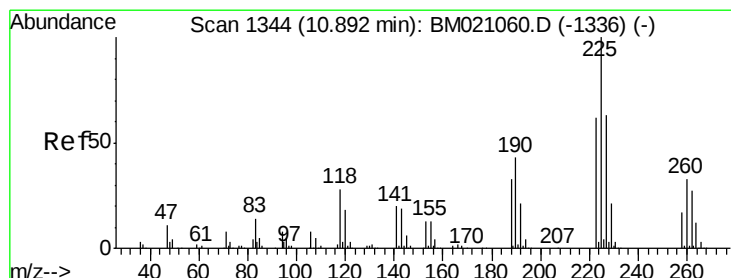
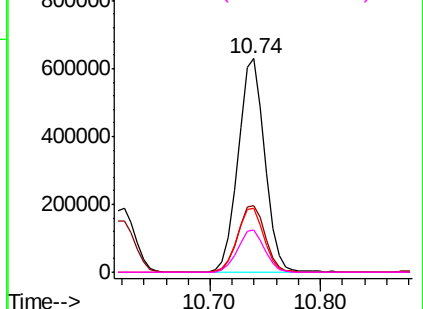
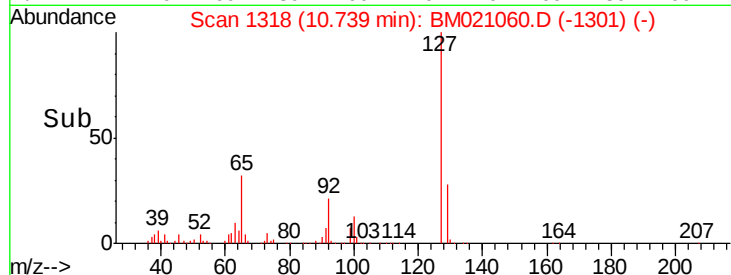
#33
4-Chloroaniline
Concen: 40.665 ng
RT: 10.74 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampled :

Tot Ion:127 Resp: 1072358
Ion Ratio Lower Upper
127 100
129 31.4 25.1 37.7
65 29.8 23.8 35.8
92 19.6 15.7 23.5

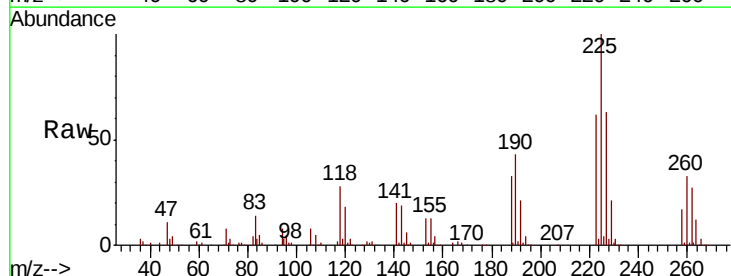


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

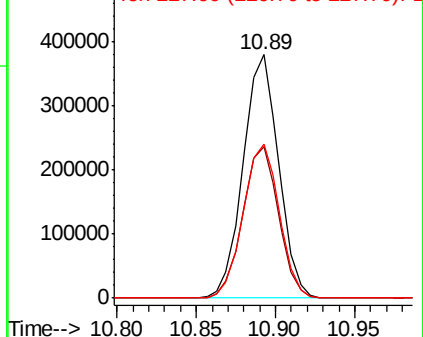
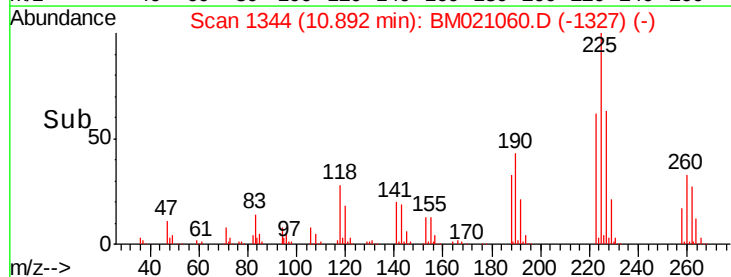


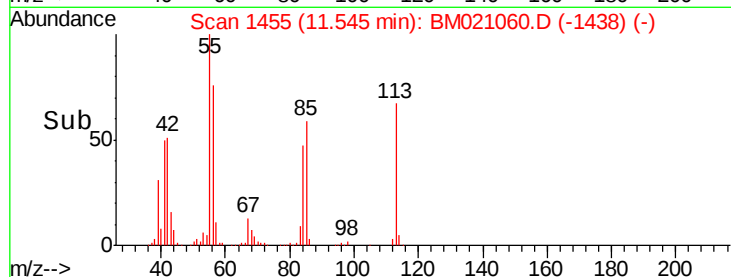
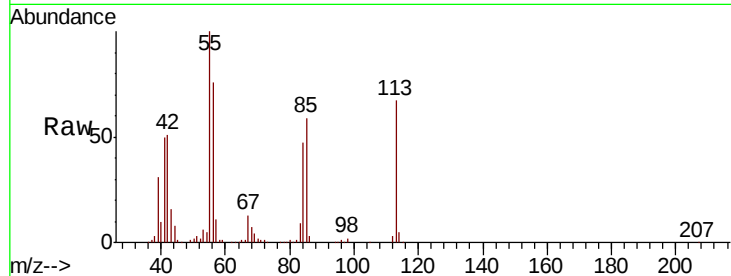
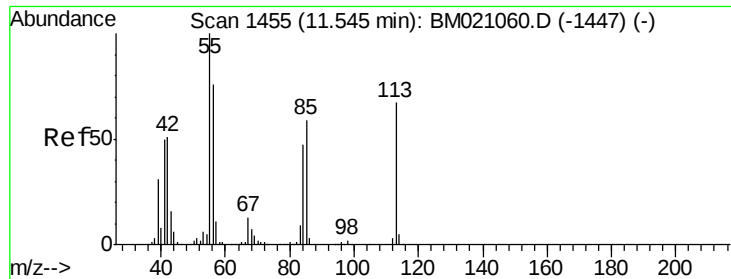
#34
Hexachlorobutadiene
Concen: 51.195 ng
RT: 10.89 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:225 Resp: 592510
Ion Ratio Lower Upper
225 100
223 62.0 49.6 74.4
227 63.0 50.4 75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.052 ng

RT: 11.55 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

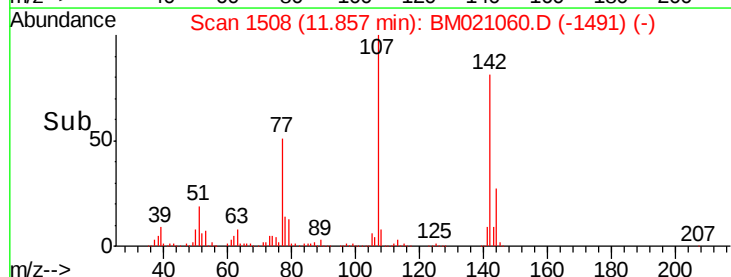
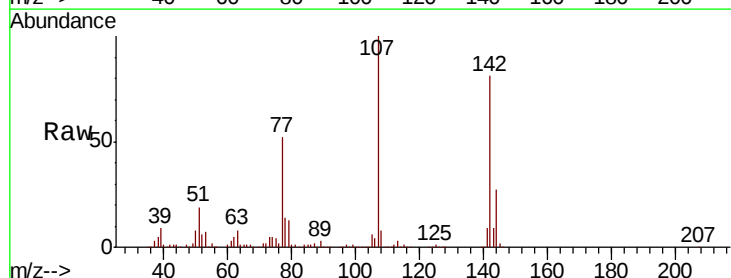
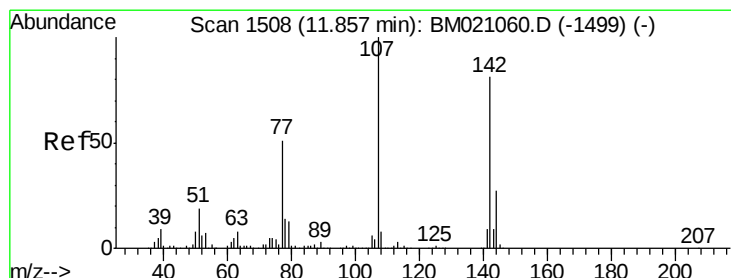
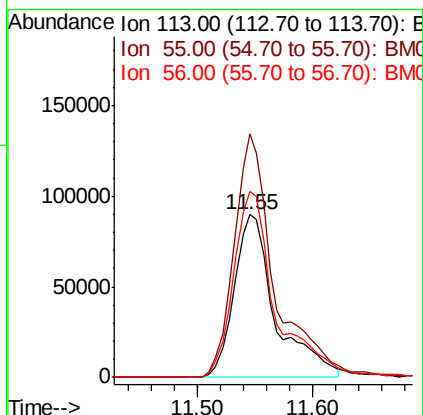
Tot Ion:113 Resp: 221758

Ion Ratio Lower Upper

113 100

55 149.8 129.8 169.8

56 114.3 94.3 134.3



#36

4-Chloro-3-methylphenol

Concen: 40.444 ng

RT: 11.86 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

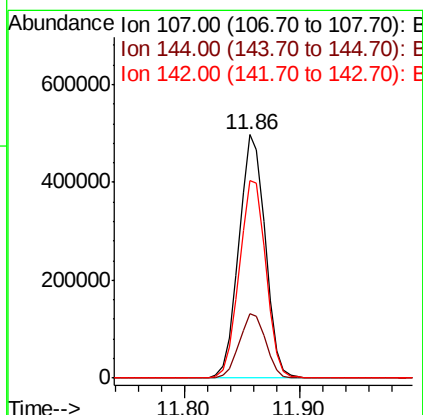
Tgt Ion:107 Resp: 788809

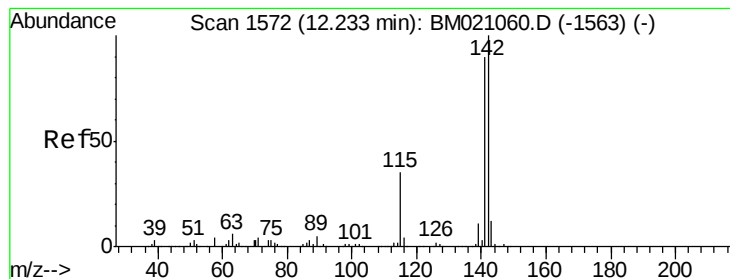
Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

142 81.1 64.9 97.3





#37

2-Methylnaphthalene

Concen: 43.195 ng

RT: 12.23 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

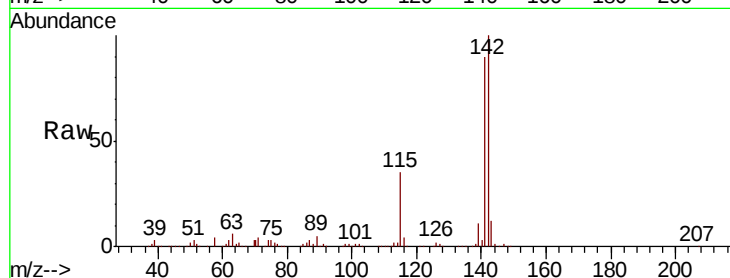
Tot Ion:142 Resp: 1814178

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.2

115 34.9 27.9 41.9

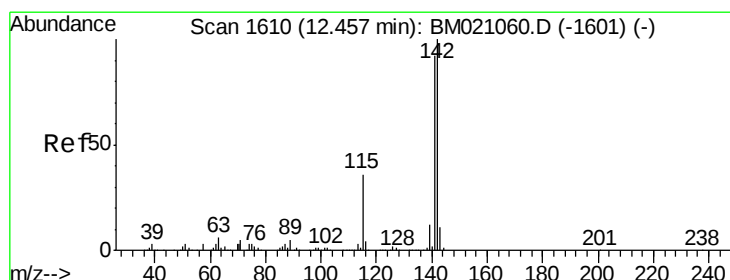
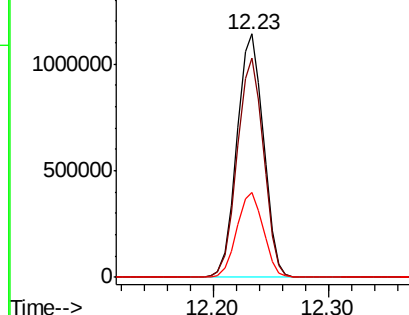
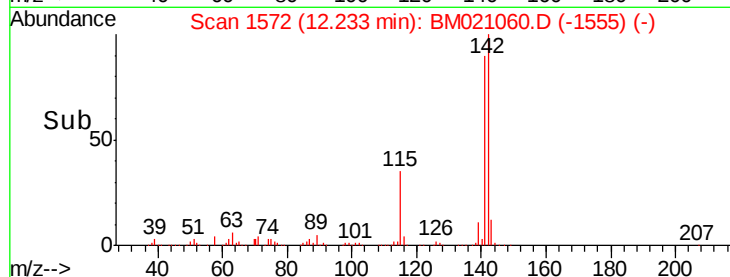


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.268 ng

RT: 12.46 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

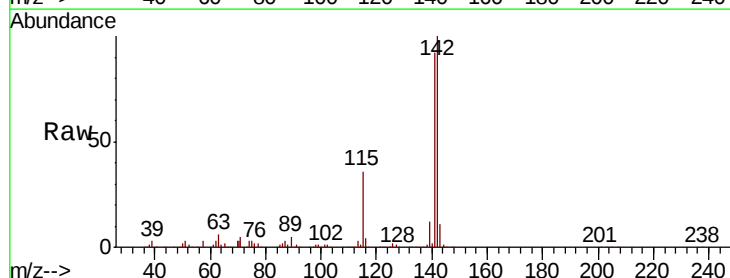
Tgt Ion:142 Resp: 1730352

Ion Ratio Lower Upper

142 100

141 92.4 73.9 110.9

116 3.8 3.0 4.6

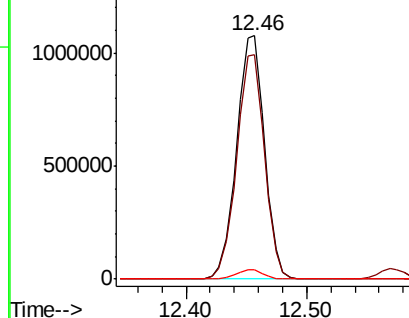
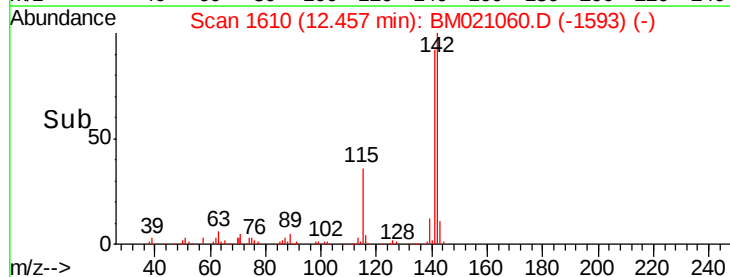


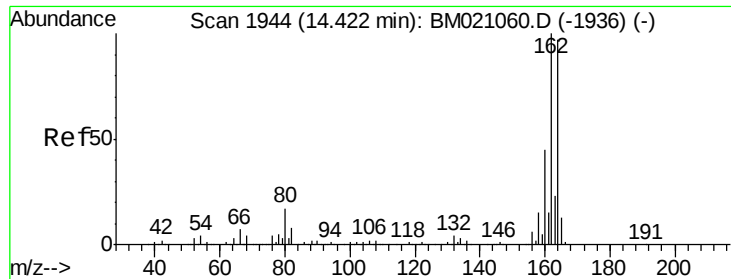
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

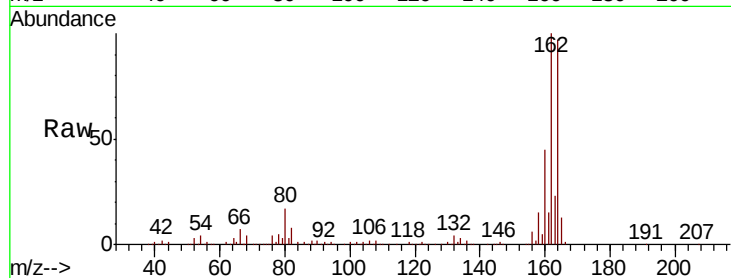
Tot Ion:164 Resp: 690220

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

160 46.4 37.1 55.7

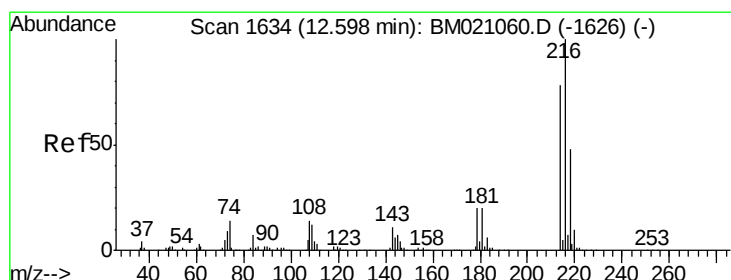
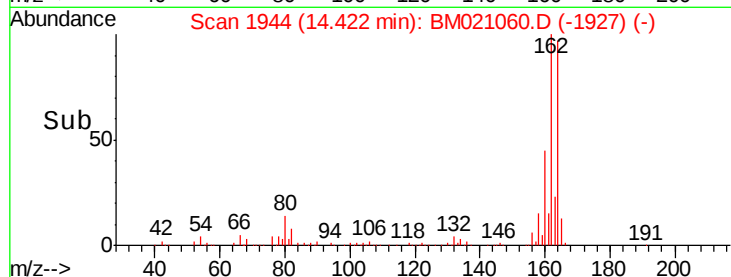
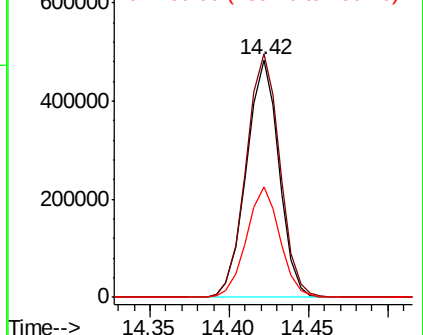


Abundance

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: 48.444 ng

RT: 12.60 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:216 Resp: 1095765

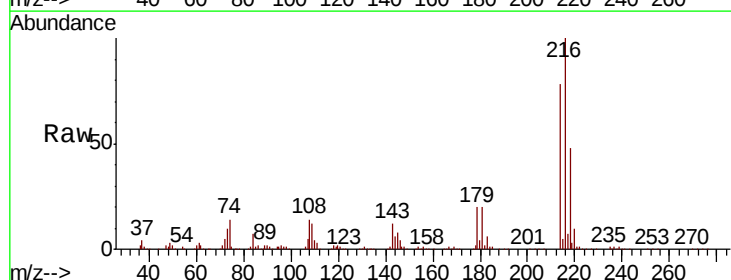
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 20.5 16.4 24.6

108 15.6 12.5 18.7



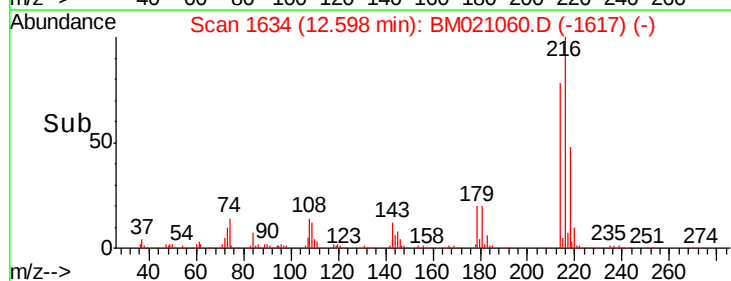
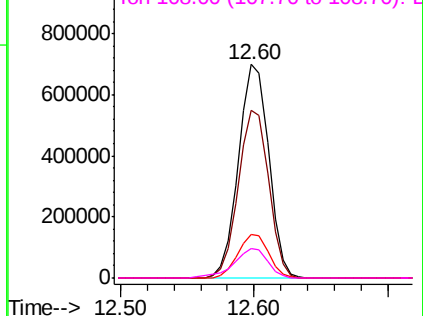
Abundance

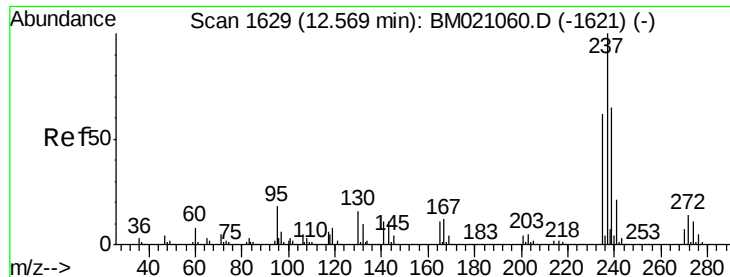
Ion 216.00 (215.70 to 216.70): E

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: 49.908 ng

RT: 12.57 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampled :

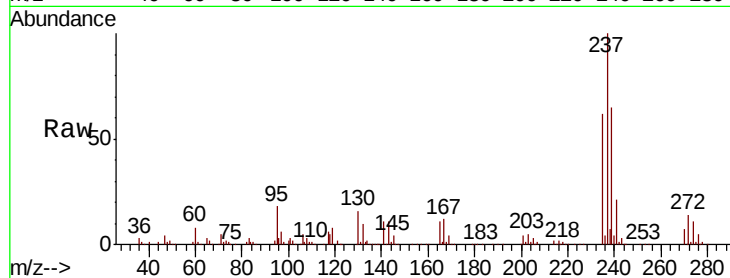
Tot Ion:237 Resp: 675151

Ion Ratio Lower Upper

237 100

235 61.7 41.7 81.7

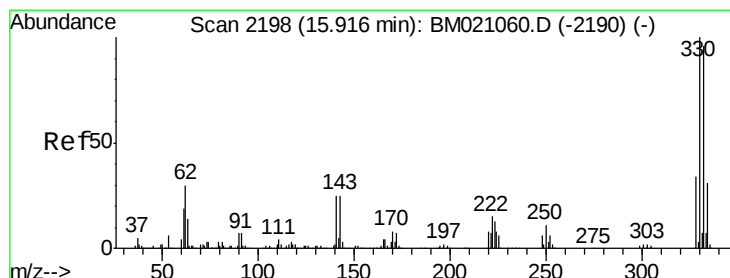
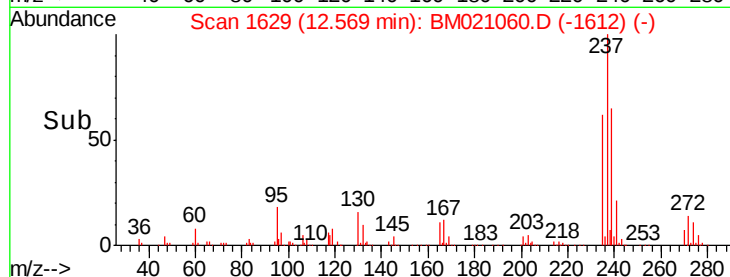
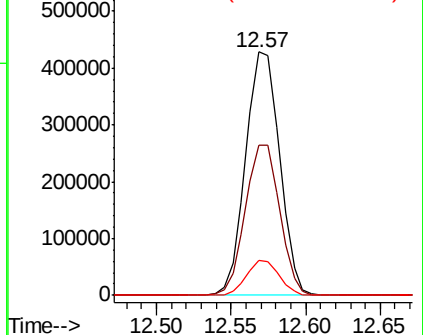
272 14.1 0.0 34.1



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: 119.065 ng

RT: 15.92 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

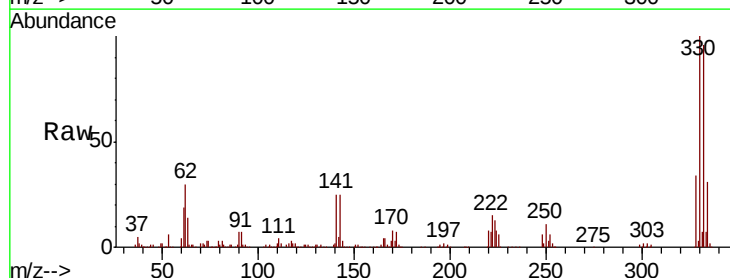
Tgt Ion:330 Resp: 1018214

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

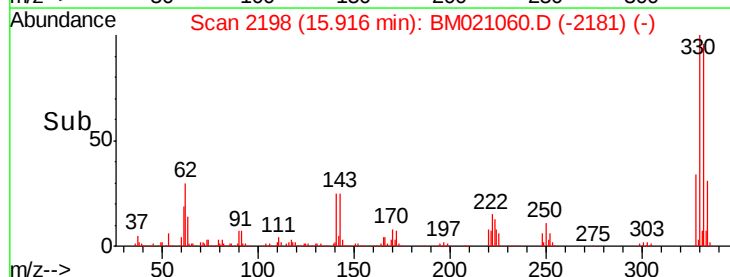
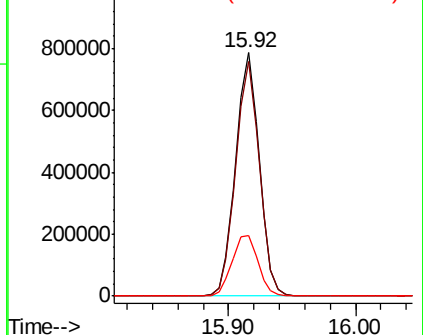
141 27.3 21.8 32.8

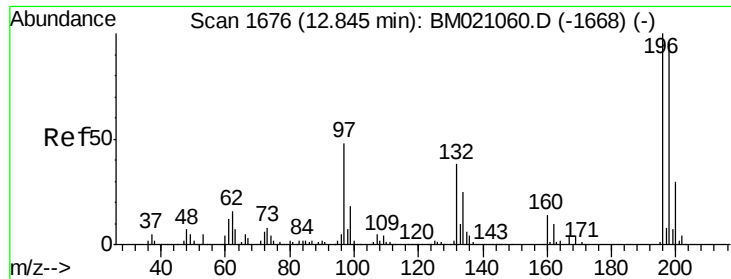


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

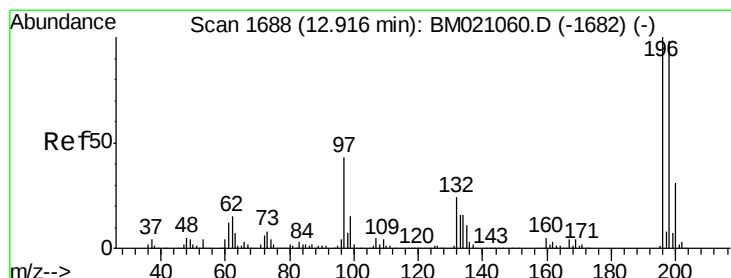
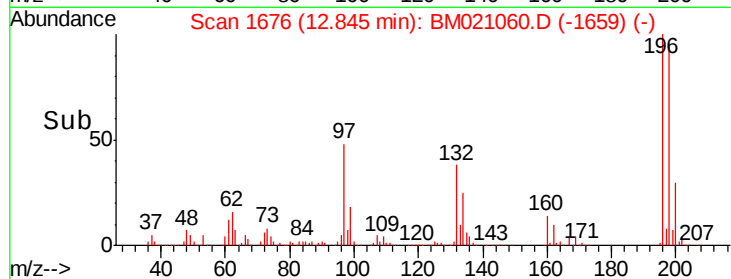
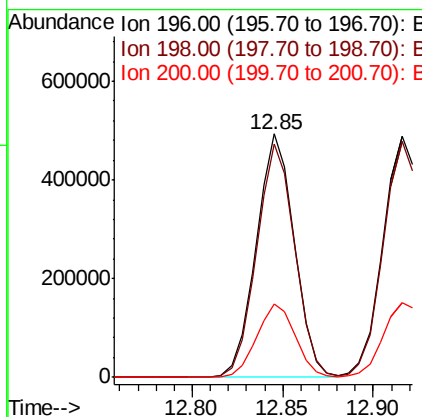
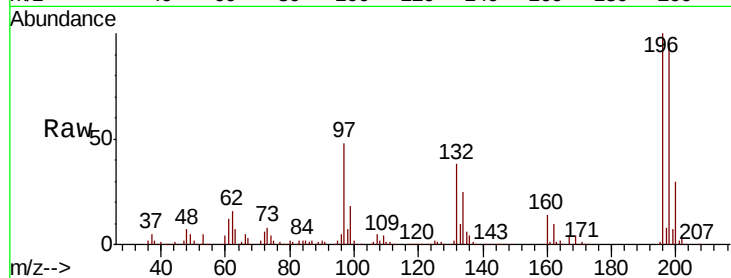




#43
 2,4,6-Trichlorophenol
 Concen: 49.521 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

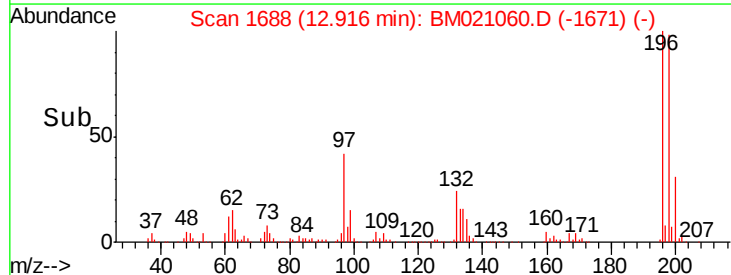
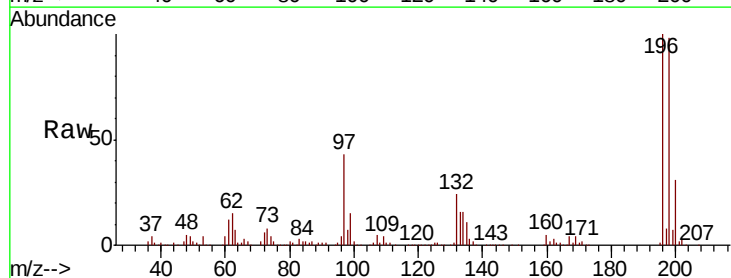
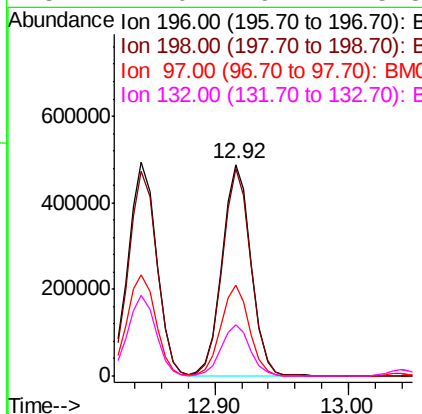
Instrument :
 BNA_M
 ClientSampleId :

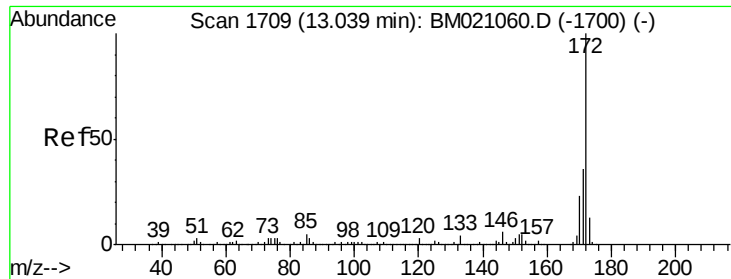
Tot Ion:196 Resp: 720997
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.7 115.1
 200 30.3 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 49.149 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion:196 Resp: 738768
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.2 117.4
 97 42.6 34.1 51.1
 132 24.0 19.2 28.8

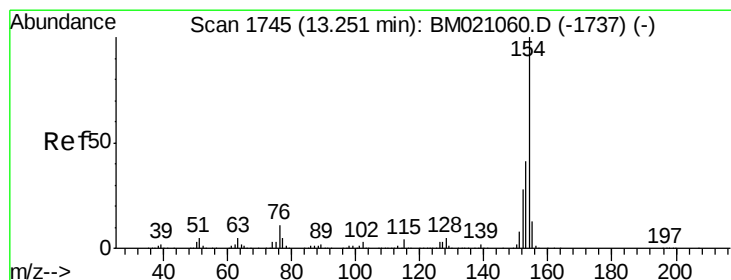
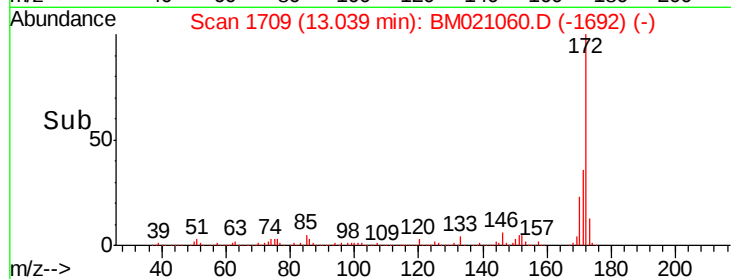
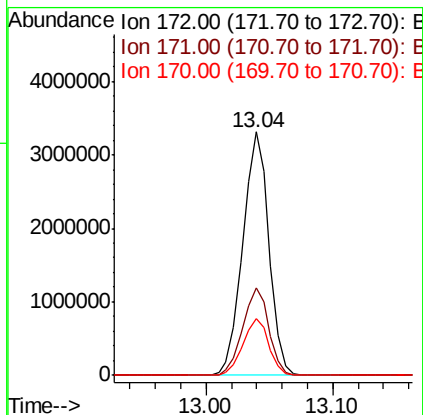
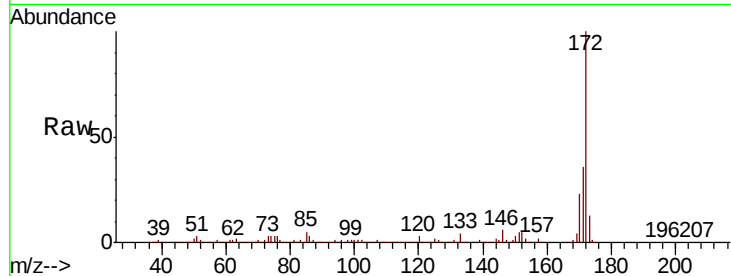




#45
2-Fluorobiphenyl
Concen: 90.809 ng
RT: 13.04 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

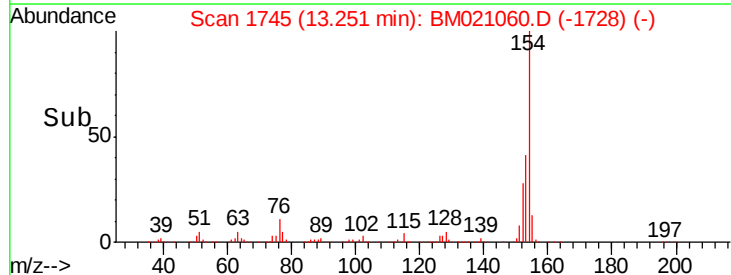
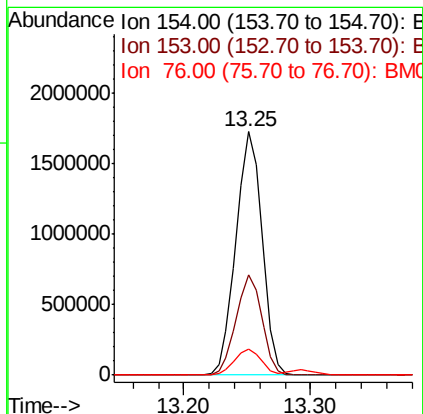
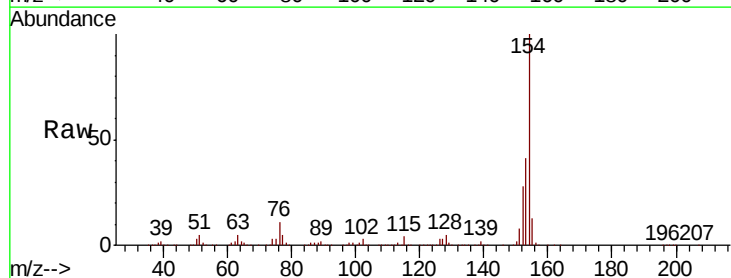
Instrument :
BNA_M
ClientSampleId :

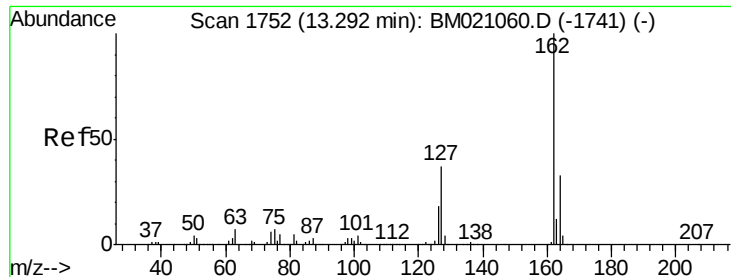
Tot Ion:172 Resp: 4714610
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.804 ng
RT: 13.25 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:154 Resp: 2467407
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 10.9 0.0 30.9

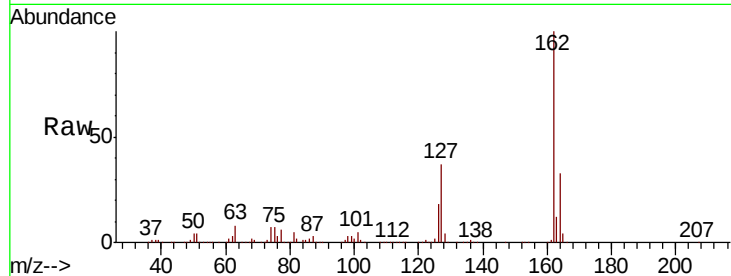




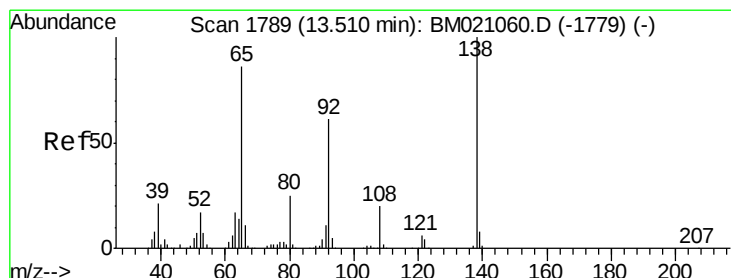
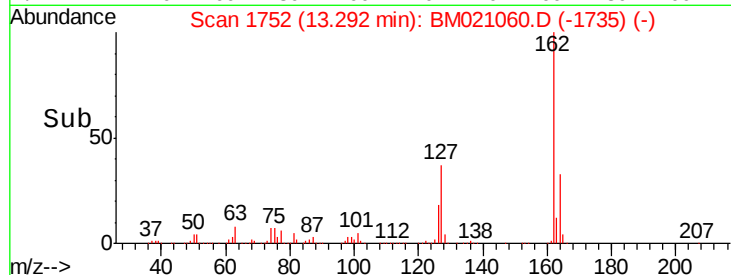
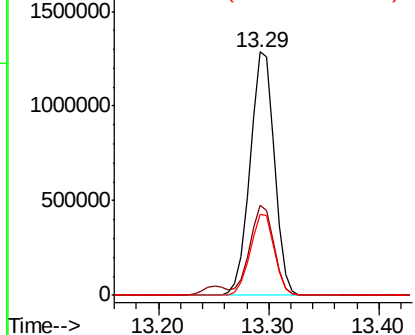
#47
2-Chloronaphthalene
Concen: 42.882 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1995072
Ion Ratio Lower Upper
162 100
127 36.8 29.4 44.2
164 33.1 26.5 39.7

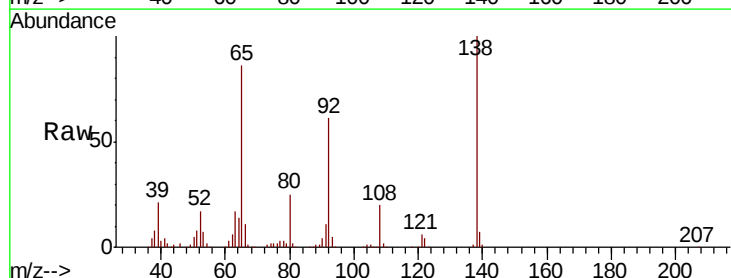


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

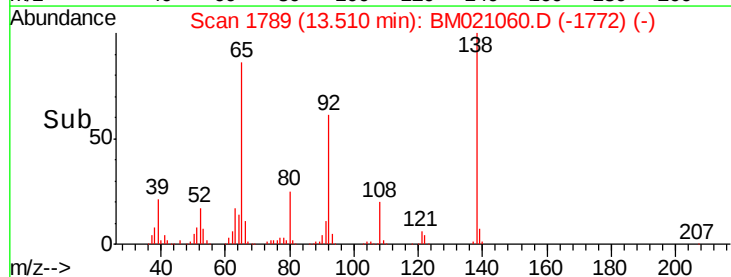
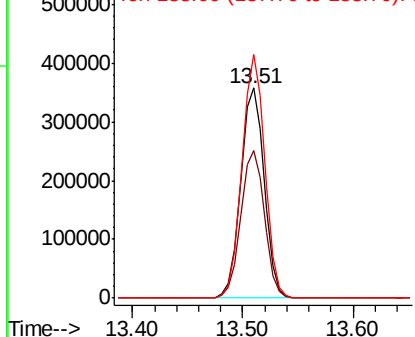


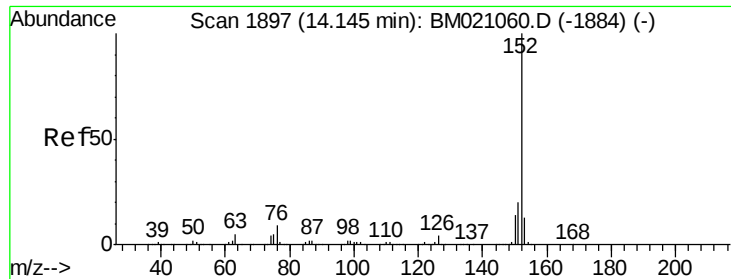
#48
2-Nitroaniline
Concen: 36.719 ng
RT: 13.51 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion: 65 Resp: 536187
Ion Ratio Lower Upper
65 100
92 70.4 56.3 84.5
138 115.8 92.6 139.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.440 ng

RT: 14.15 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampled :

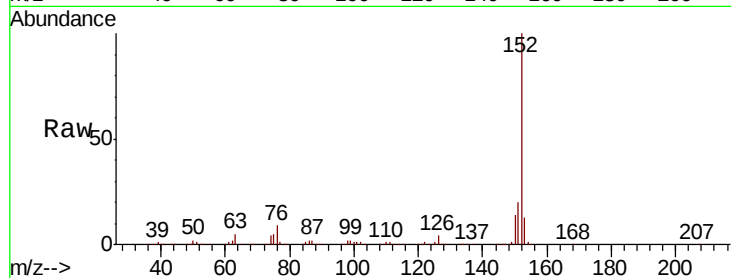
Tot Ion:152 Resp: 3008259

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.3	10.6	16.0

152 100

151 20.1 16.1 24.1

153 13.3 10.6 16.0

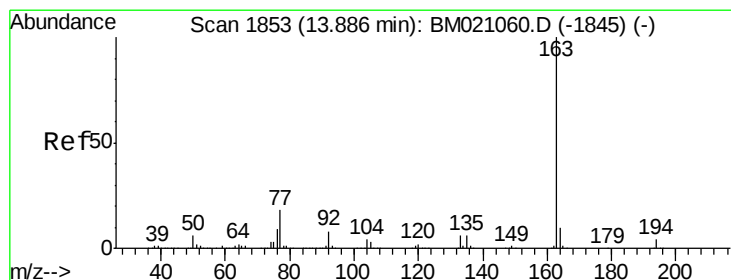
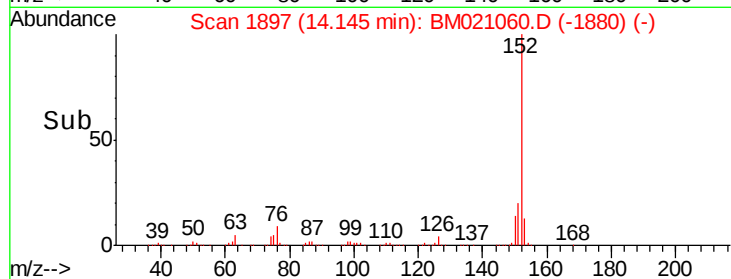
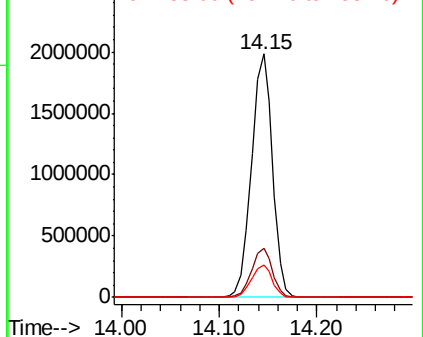


Abundance

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: 41.640 ng

RT: 13.89 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

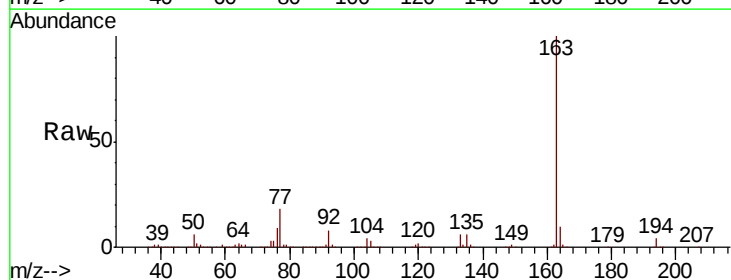
Tgt Ion:163 Resp: 2455462

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

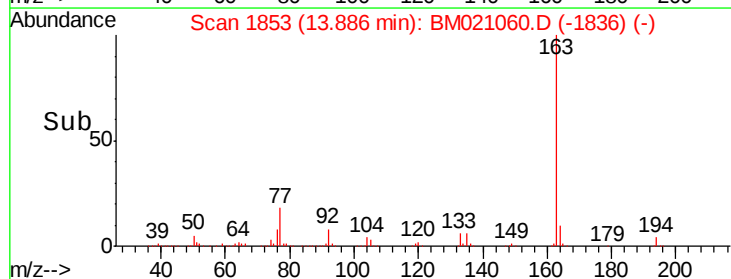
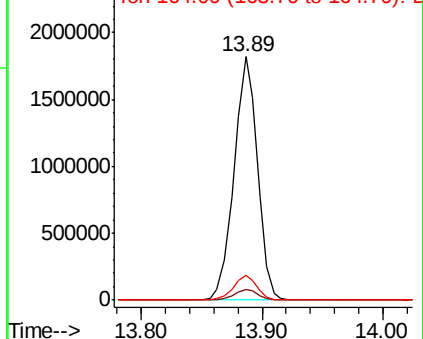


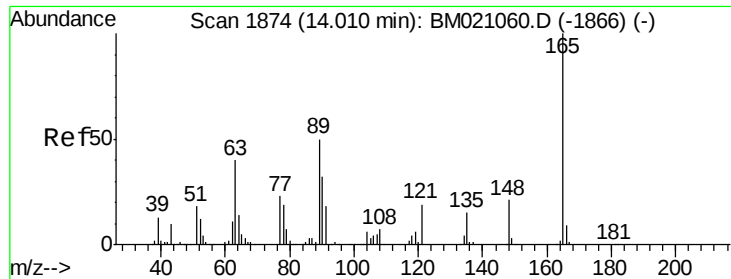
Abundance

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: 44.126 ng

RT: 14.01 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

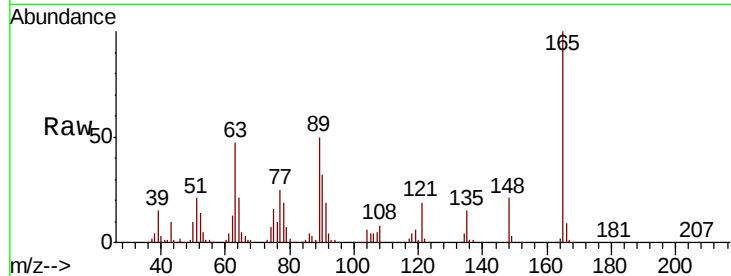
Tot Ion:165 Resp: 528354

Ion Ratio Lower Upper

165 100

63 47.2 37.8 56.6

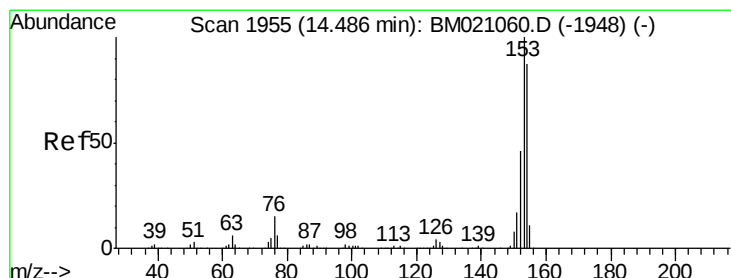
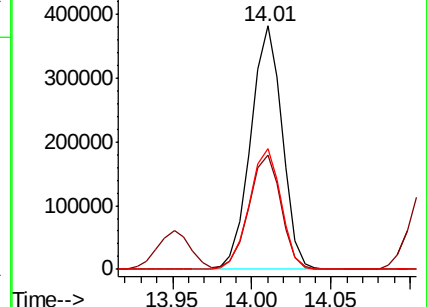
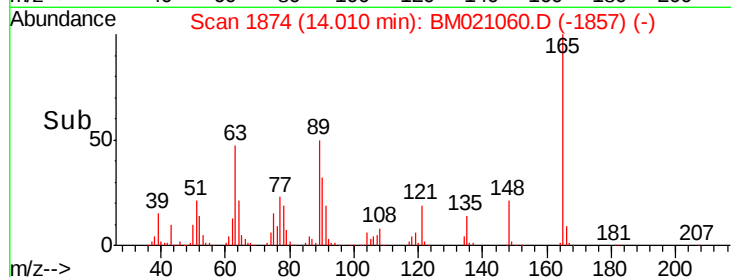
89 49.6 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 41.888 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

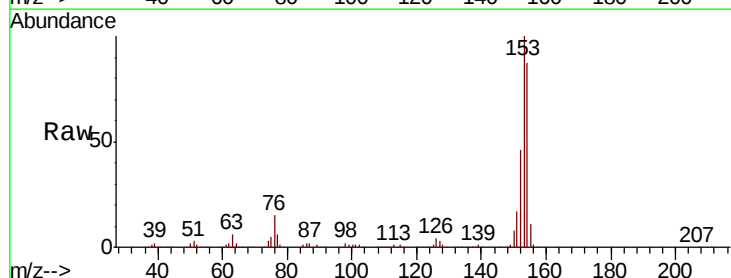
Tgt Ion:154 Resp: 1812112

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

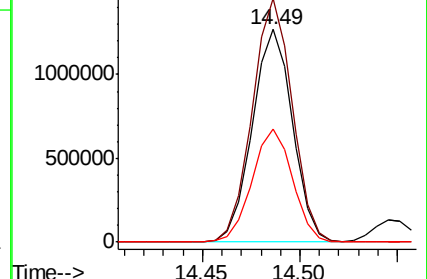
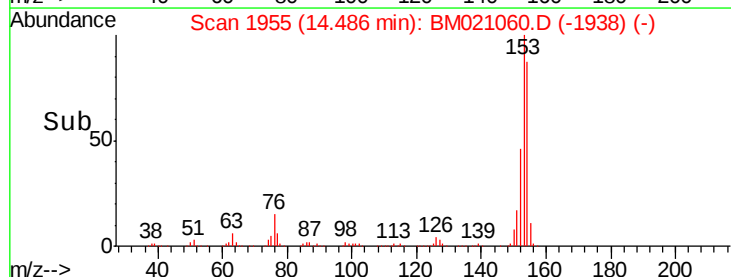
152 52.9 42.3 63.5

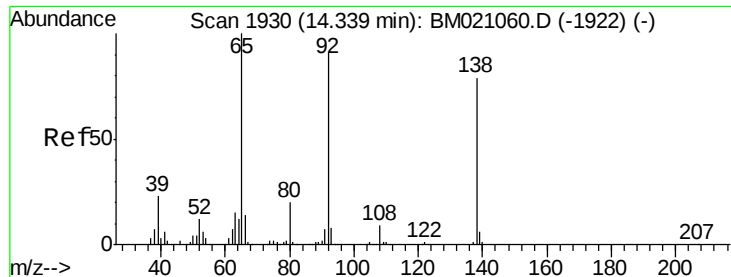


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

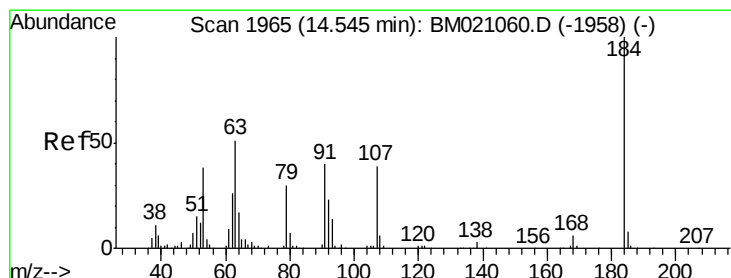
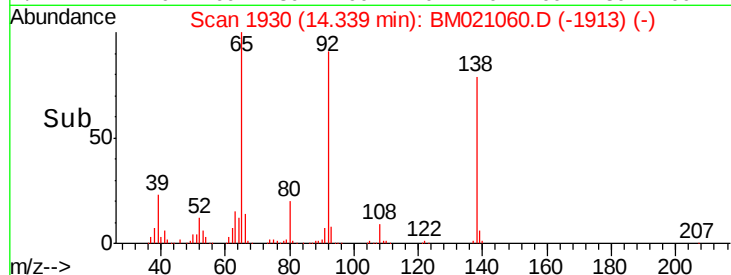
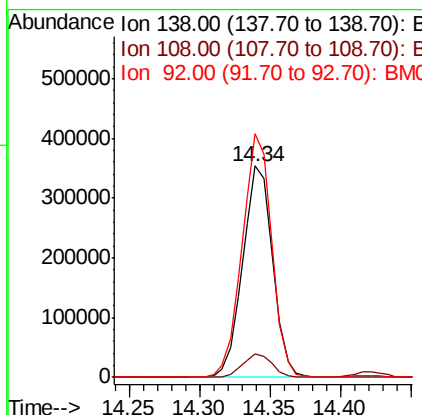
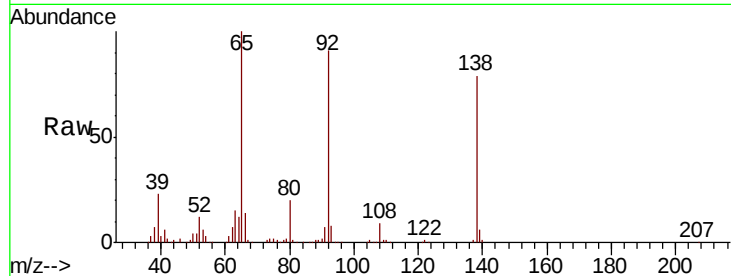




#53
 3-Nitroaniline
 Concen: 39.438 ng
 RT: 14.34 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

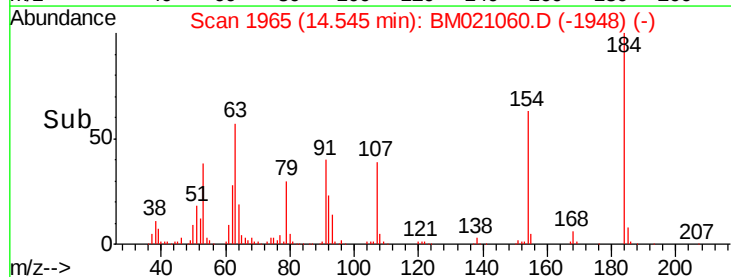
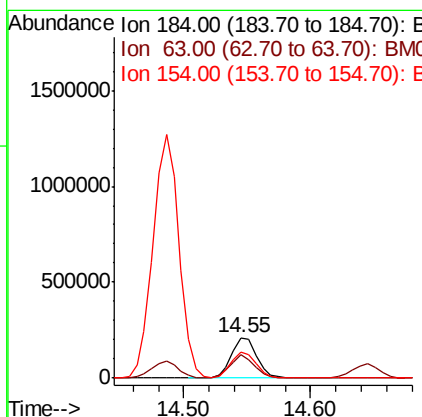
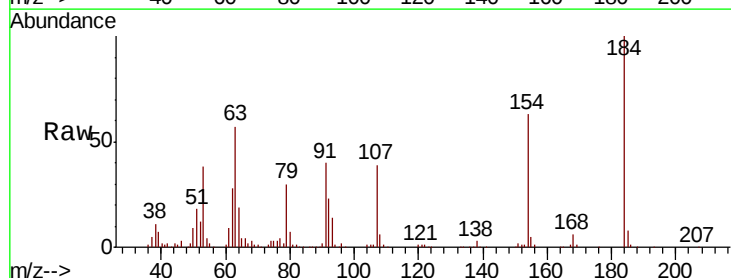
Instrument :
 BNA_M
 ClientSampleId :

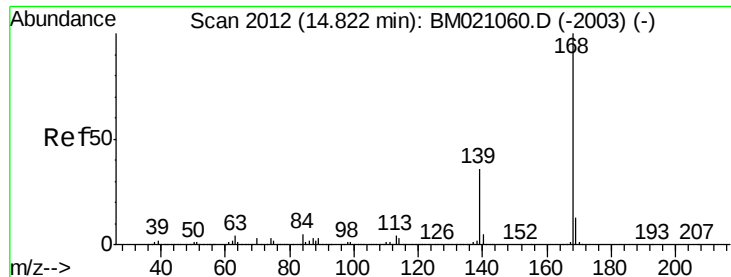
Tot Ion:138 Resp: 527077
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.0 13.4
 92 115.2 92.2 138.2



#54
 2,4-Dinitrophenol
 Concen: 69.321 ng
 RT: 14.55 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion:184 Resp: 293172
 Ion Ratio Lower Upper
 184 100
 63 56.9 45.5 68.3
 154 63.3 50.6 76.0

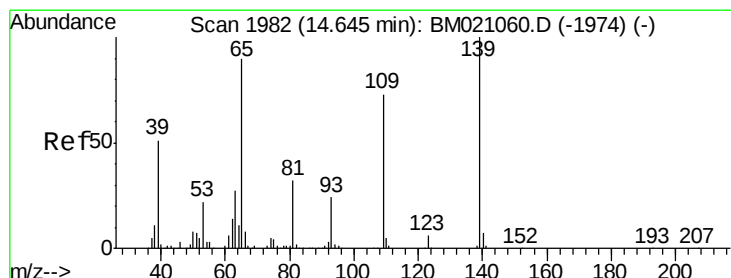
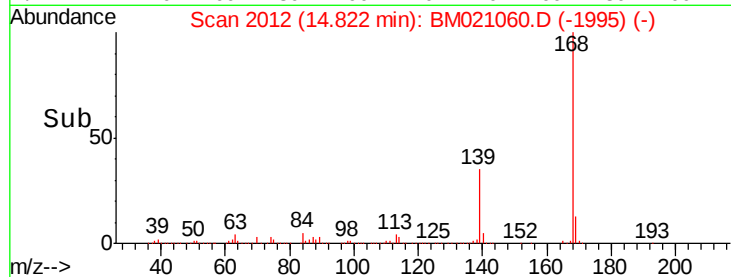
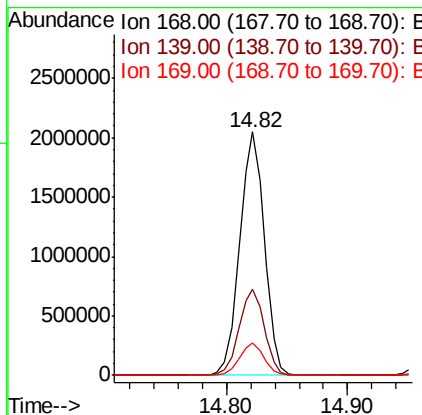
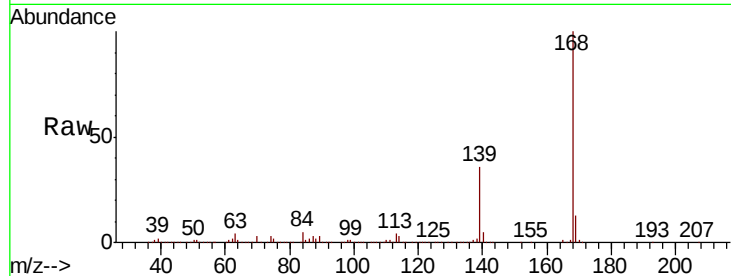




#55
Dibenzenofuran
Concen: 43.390 ng
RT: 14.82 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

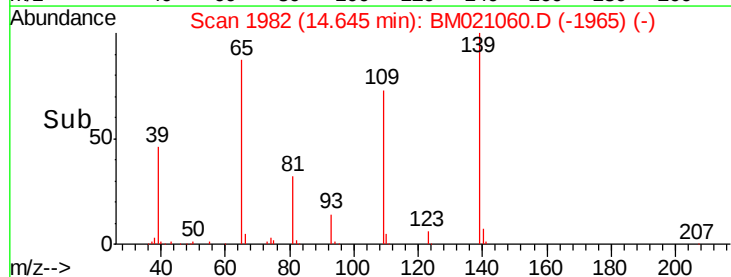
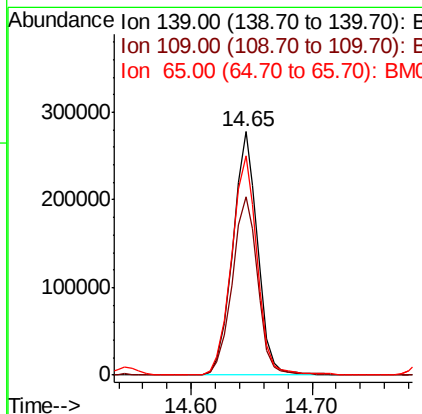
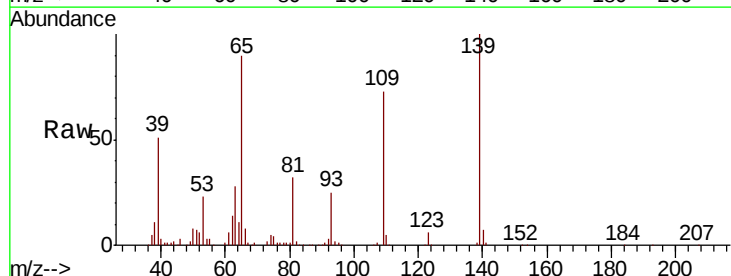
Instrument :
BNA_M
ClientSampleId :

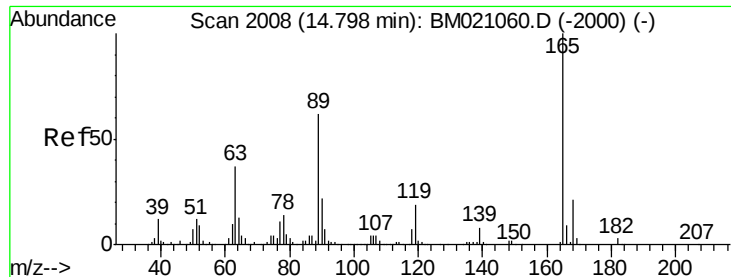
Tot Ion:168 Resp: 2915376
Ion Ratio Lower Upper
168 100
139 35.5 28.4 42.6
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 40.333 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:139 Resp: 397218
Ion Ratio Lower Upper
139 100
109 73.3 53.3 93.3
65 90.3 70.3 110.3

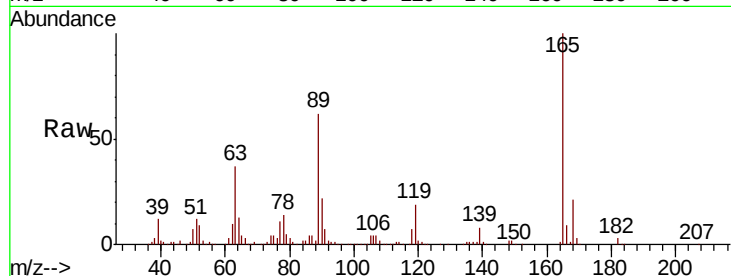




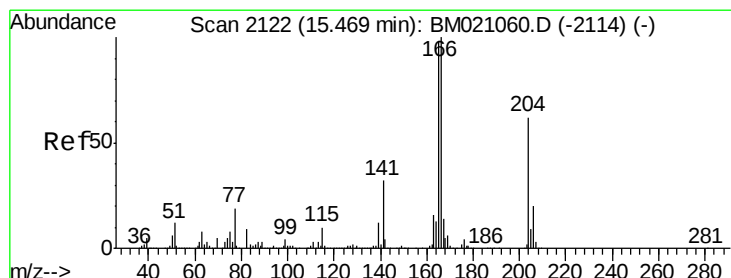
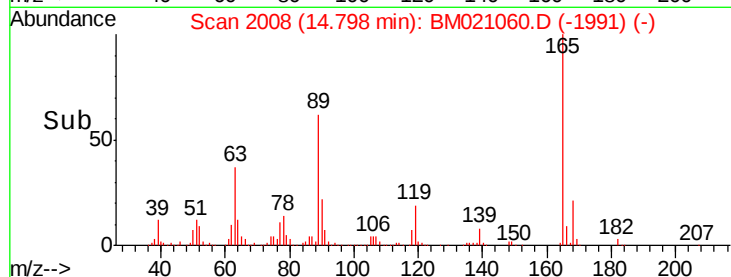
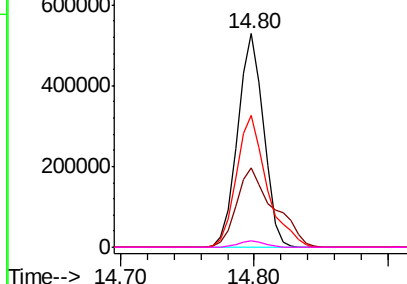
#57
 2,4-Dinitrotoluene
 Concen: 44.281 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	165	Resp:	709927
Ion	Ratio	Lower	Upper
165	100		
63	37.0	29.6	44.4
89	61.9	49.5	74.3
182	3.0	2.4	3.6

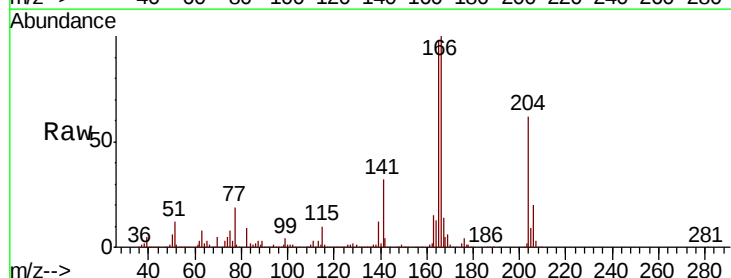


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

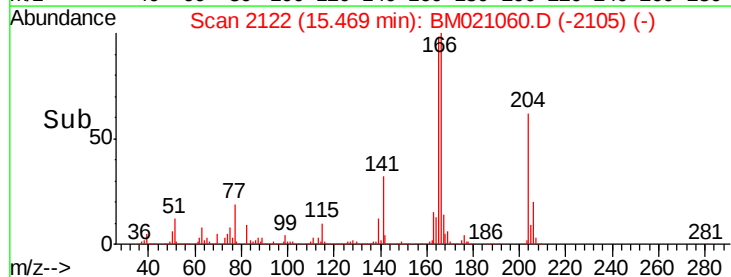
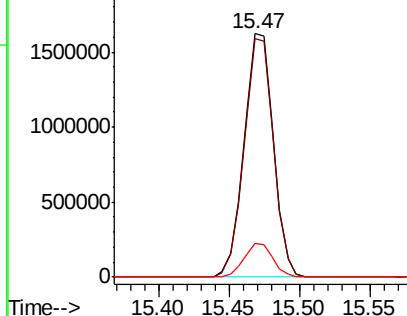


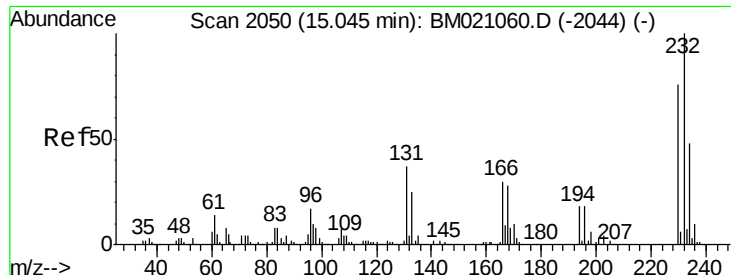
#58
 Fluorene
 Concen: 42.782 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion:	166	Resp:	2363875
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.6	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

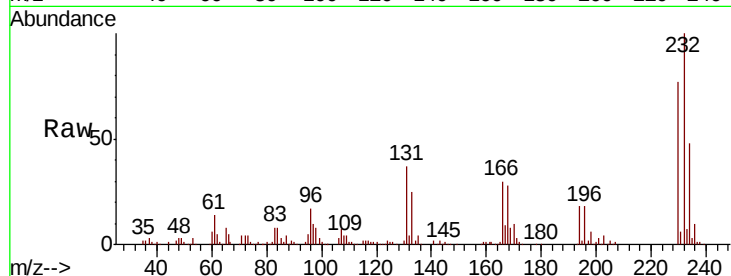




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.323 ng
RT: 15.05 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	30.6	46.0
130	2.1	1.7	2.5
166	29.1	23.4	35.0



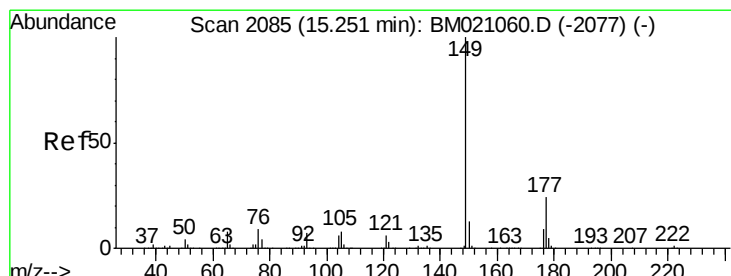
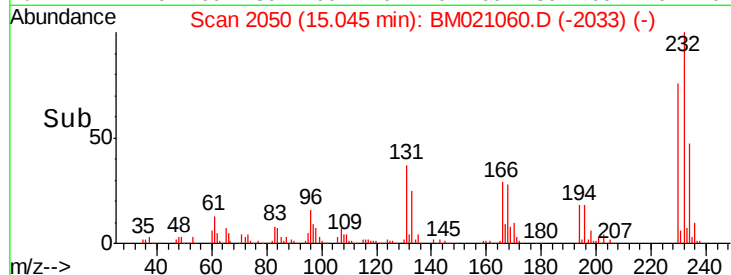
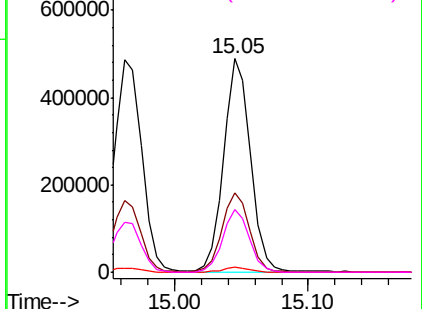
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

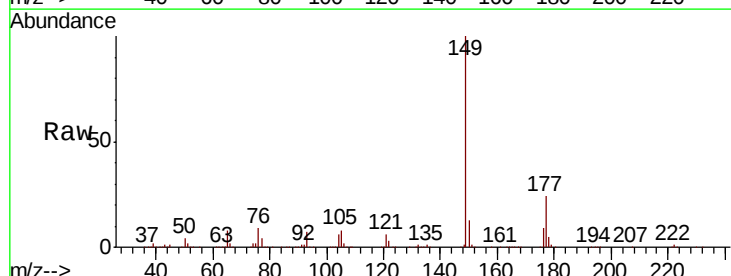
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.226 ng
RT: 15.25 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.6	10.1	15.1

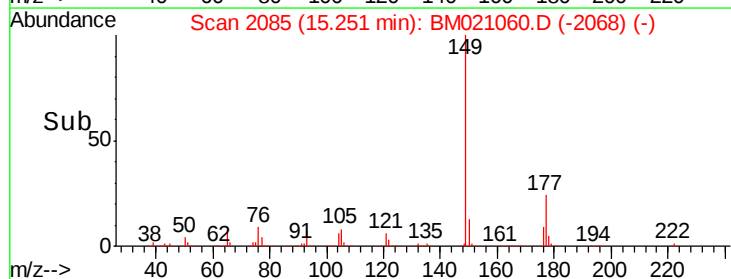
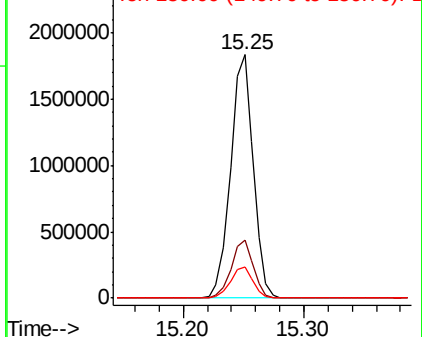


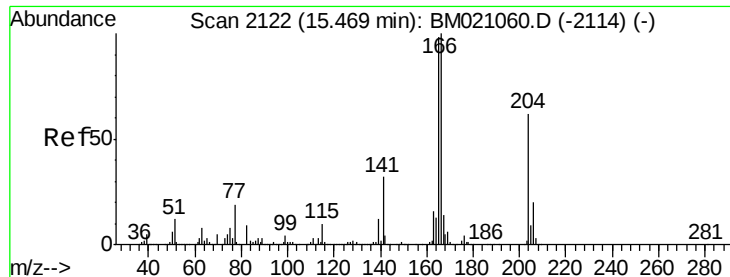
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

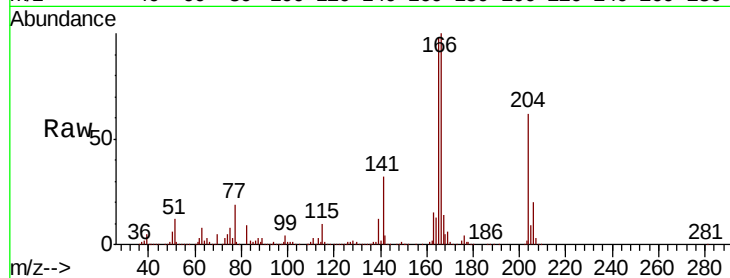




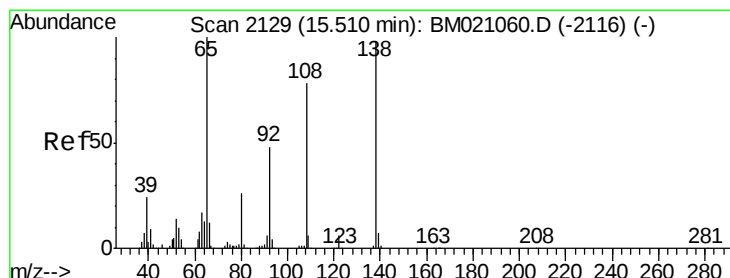
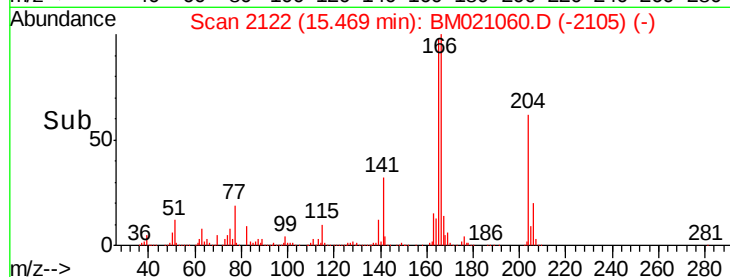
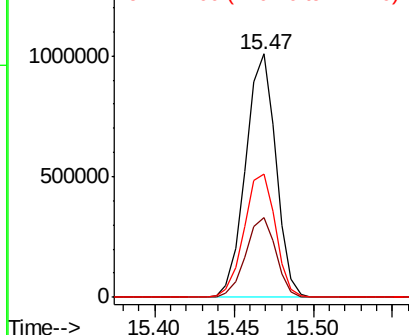
#61
 4-Chlorophenyl-phenylether
 Concen: 45.709 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1337234
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.1 39.1
 141 50.9 40.7 61.1

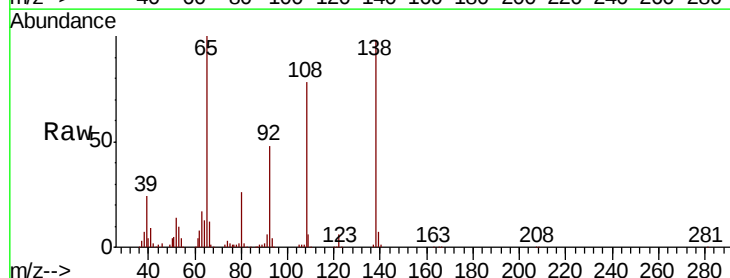


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

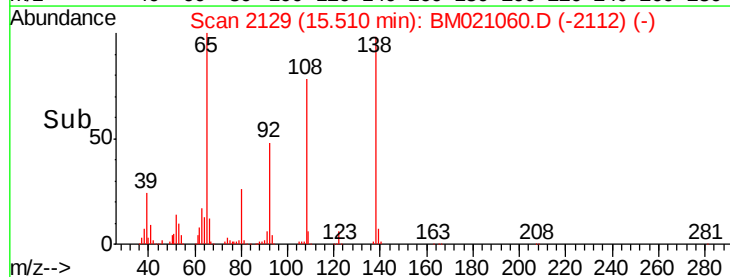
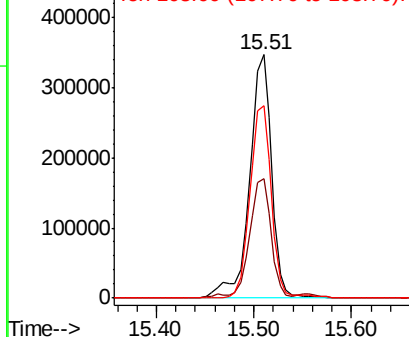


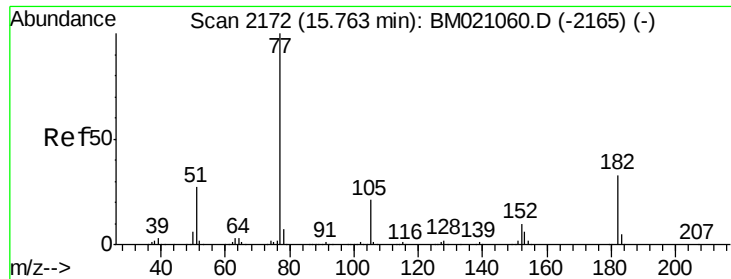
#62
 4-Nitroaniline
 Concen: 39.061 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion:138 Resp: 553645
 Ion Ratio Lower Upper
 138 100
 92 49.1 29.1 69.1
 108 79.2 59.2 99.2



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

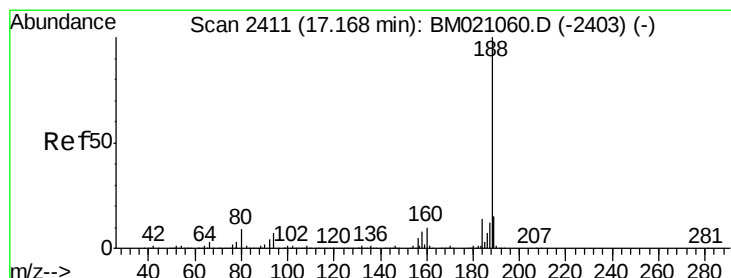
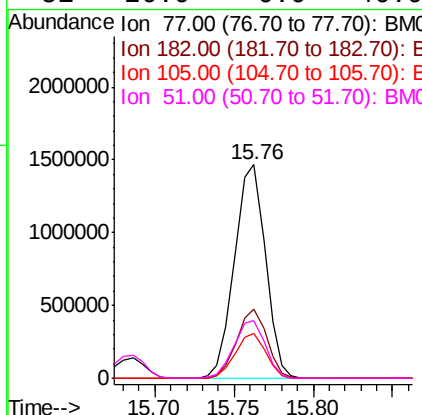
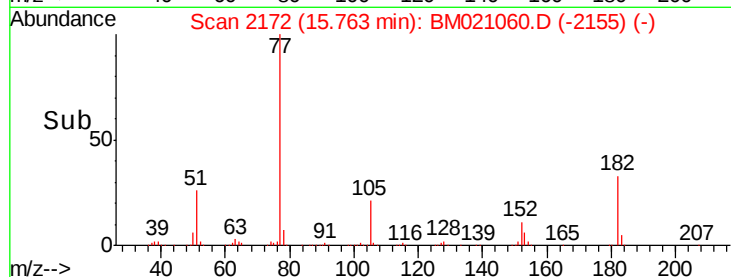
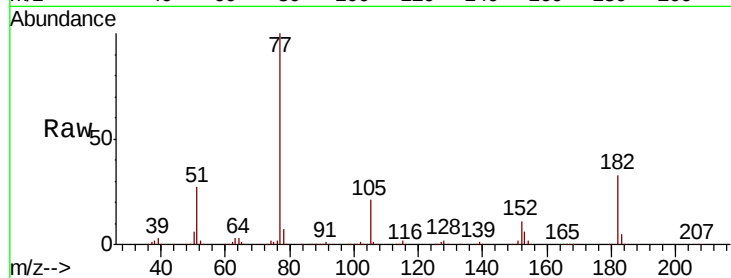




#63
Azobenzene
Concen: 34.121 ng
RT: 15.76 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

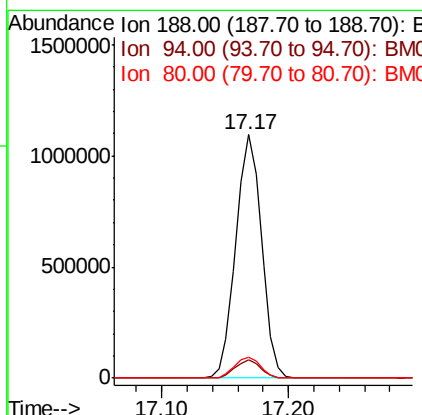
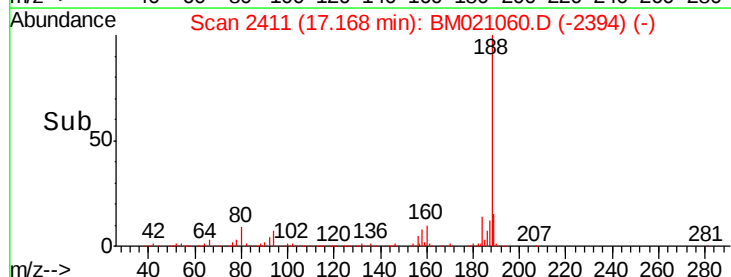
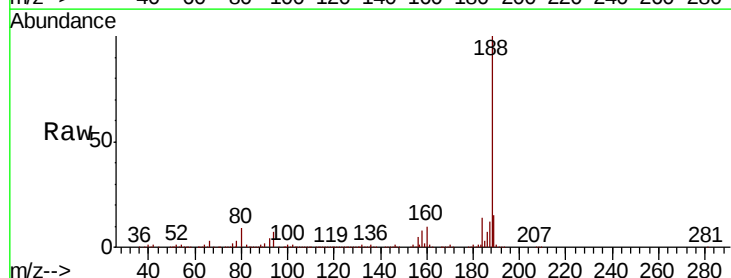
Instrument :
BNA_M
ClientSampleId :

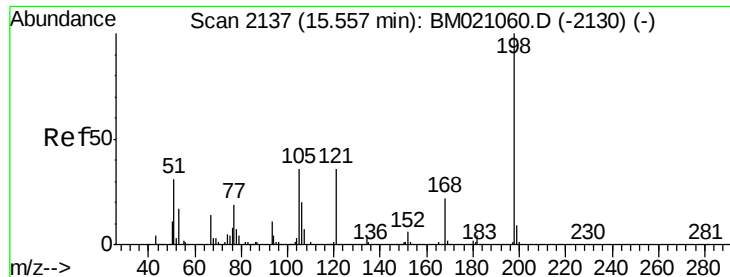
Tot Ion: 77 Resp: 1989450
Ion Ratio Lower Upper
77 100
182 32.6 12.6 52.6
105 21.1 1.1 41.1
51 26.9 6.9 46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion: 188 Resp: 1533424
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 8.6 6.9 10.3

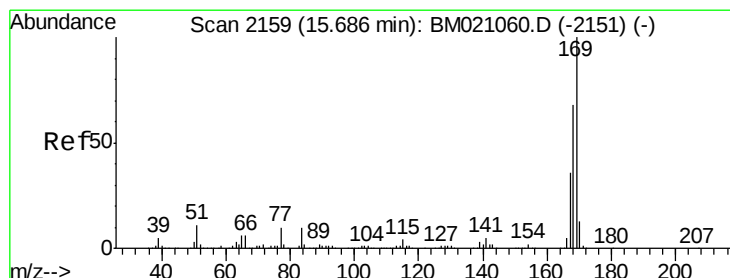
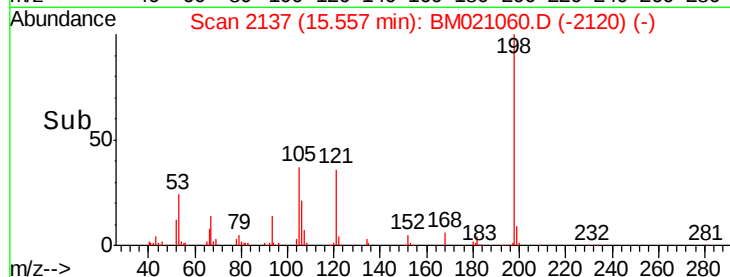
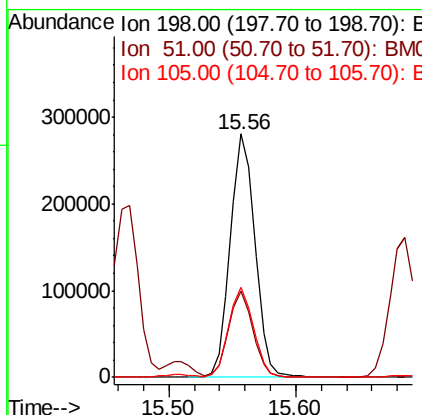
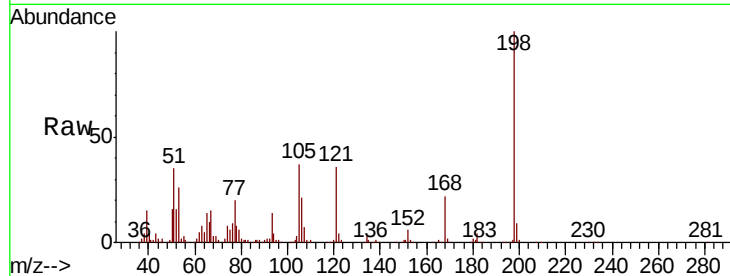




#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.811 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

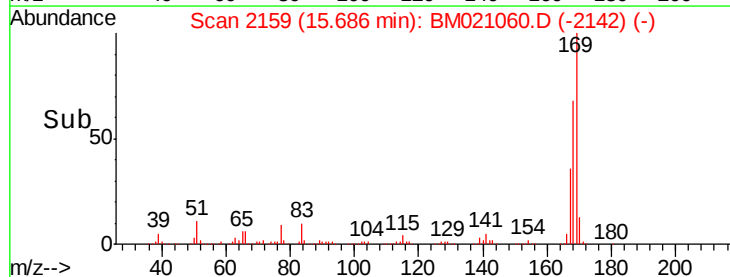
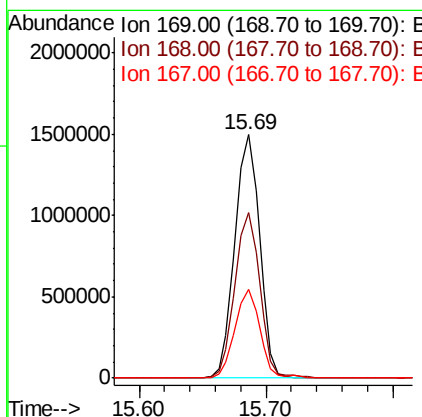
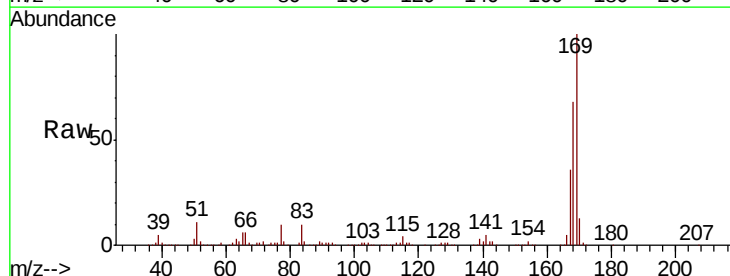
Instrument :
 BNA_M
 ClientSampleId :

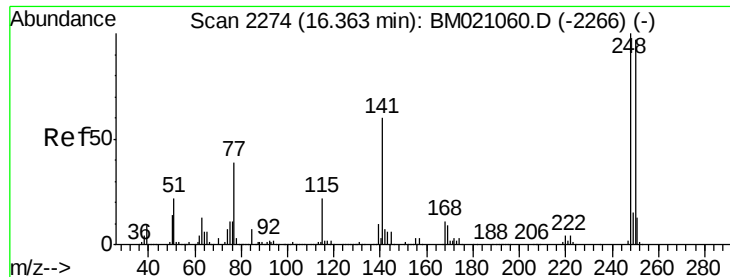
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.3	15.3	55.3
105	36.8	16.8	56.8



#66
 n-Nitrosodiphenylamine
 Concen: 41.300 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.5	81.7
167	36.3	29.0	43.6

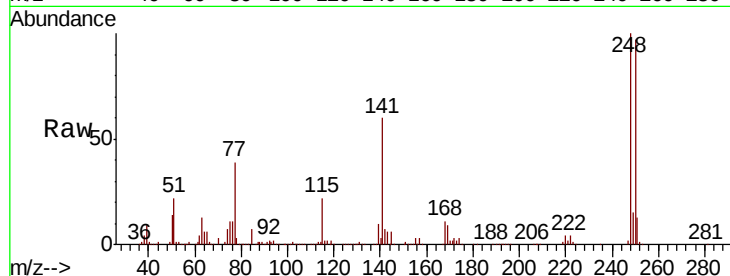




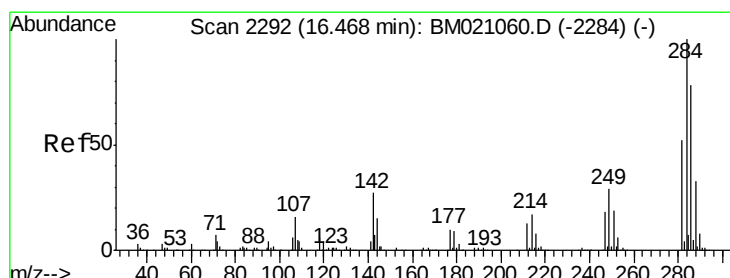
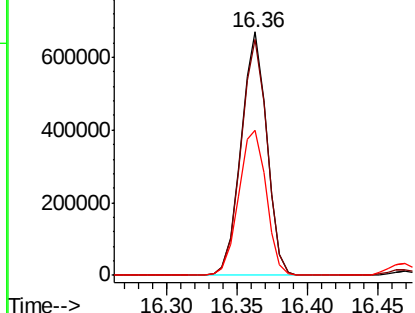
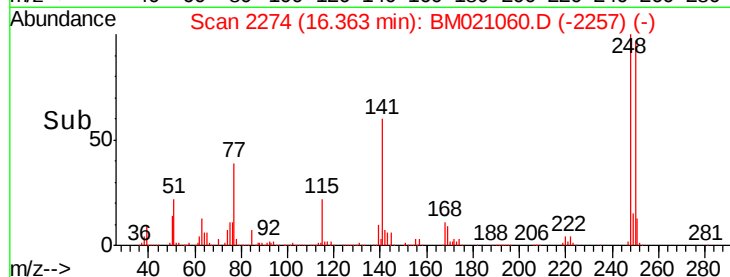
#67
4-Bromophenyl-phenylether
Concen: 47.081 ng
RT: 16.36 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 850020
Ion Ratio Lower Upper
248 100
250 96.9 77.5 116.3
141 59.7 47.8 71.6

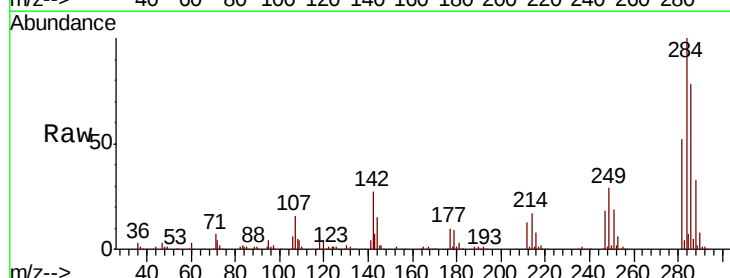


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

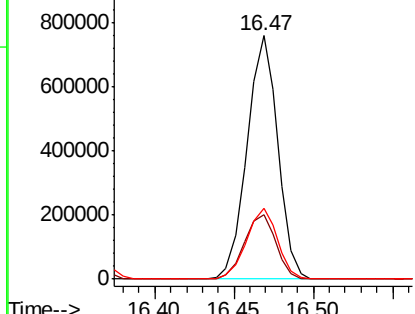
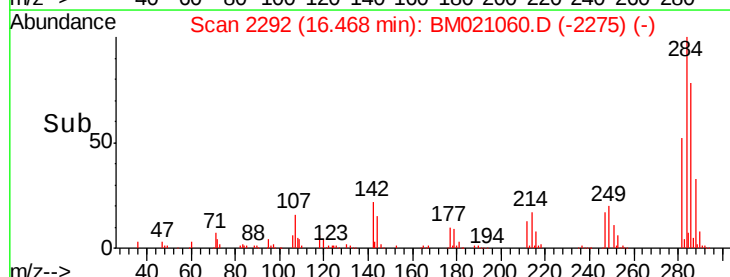


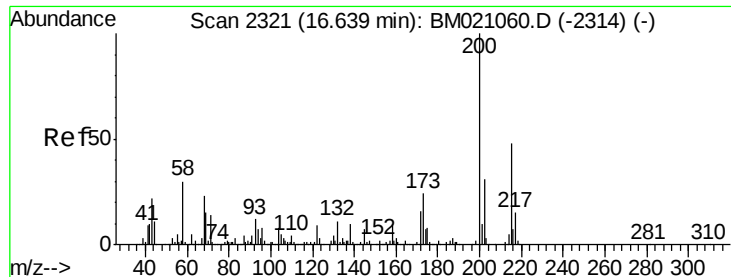
#68
Hexachlorobenzene
Concen: 48.387 ng
RT: 16.47 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion:284 Resp: 1020119
Ion Ratio Lower Upper
284 100
142 26.5 21.2 31.8
249 29.2 23.4 35.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

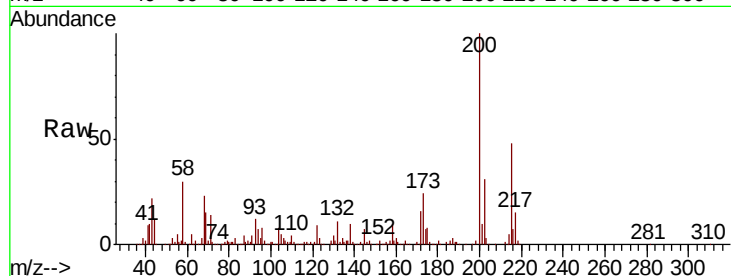




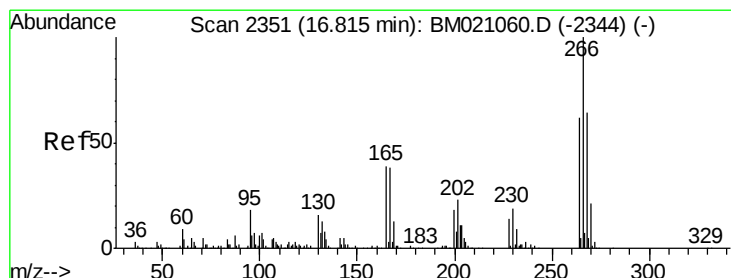
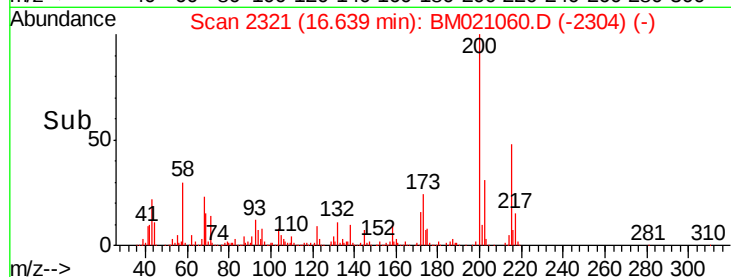
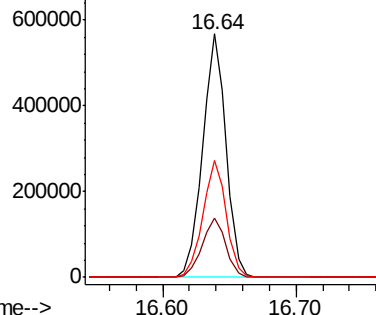
#69
Atrazine
Concen: 47.473 ng
RT: 16.64 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	48.2	28.2	68.2

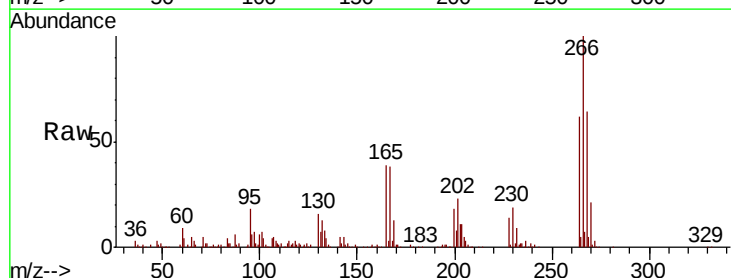


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

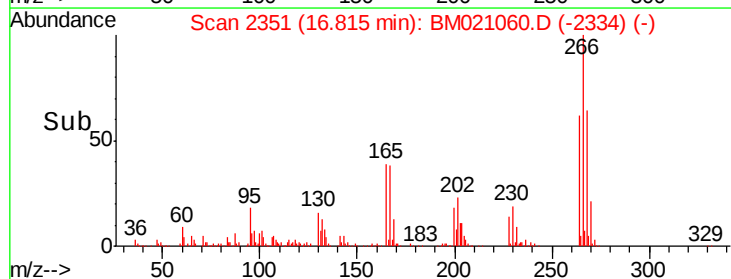
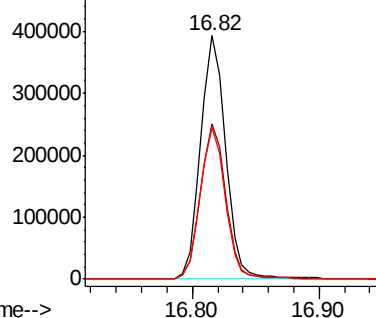


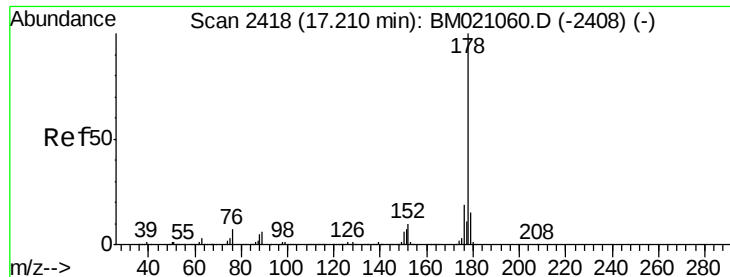
#70
Pentachlorophenol
Concen: 53.797 ng
RT: 16.82 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BM021060.D
Acq: 20 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.0	76.4
264	62.4	49.9	74.9



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: 41.676 ng

RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

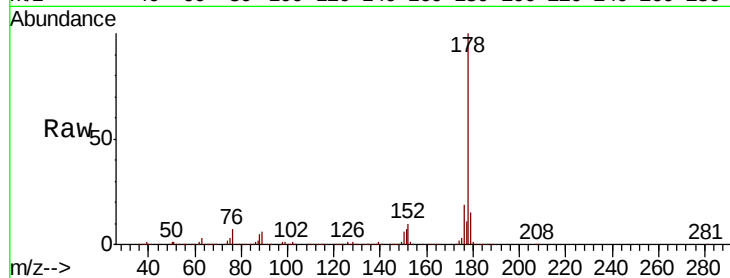
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3622437

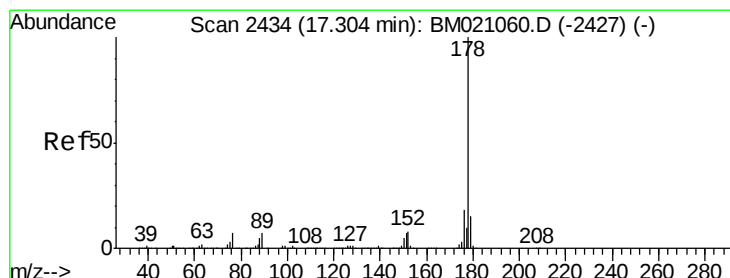
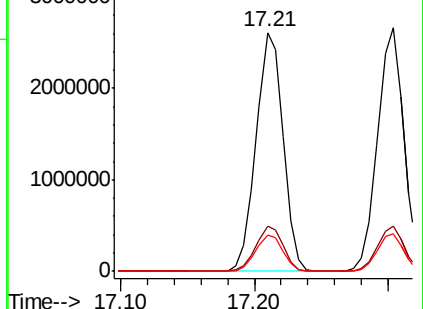
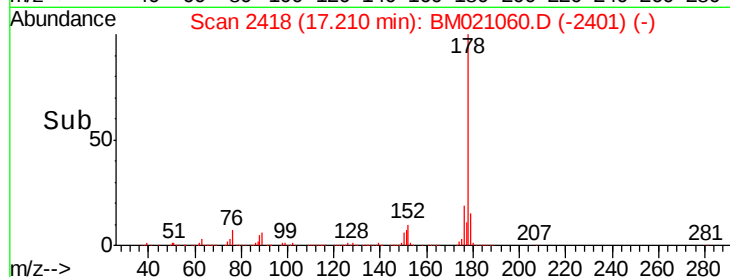
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.434 ng

RT: 17.30 min Scan# 2434

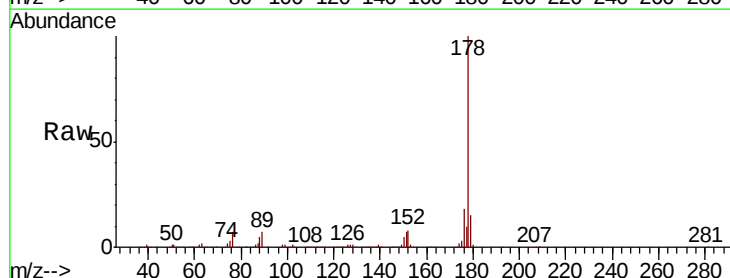
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:178 Resp: 3604561

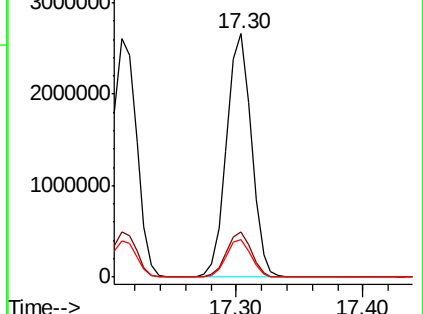
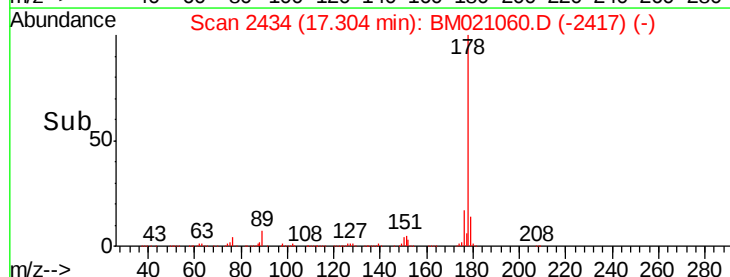
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.2	12.2	18.2

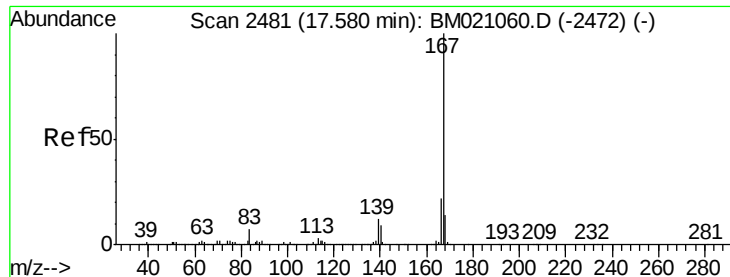


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



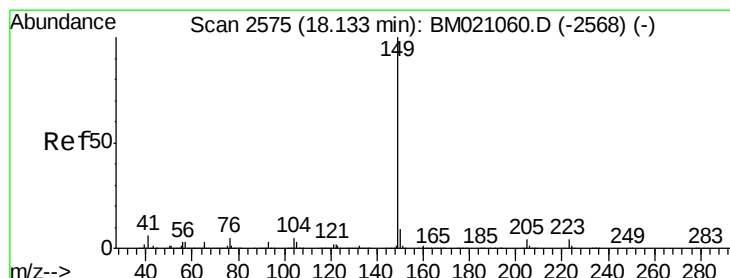
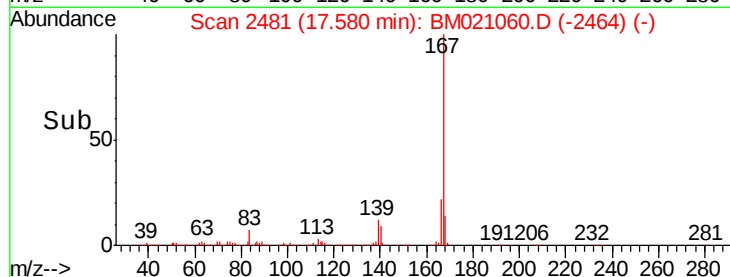
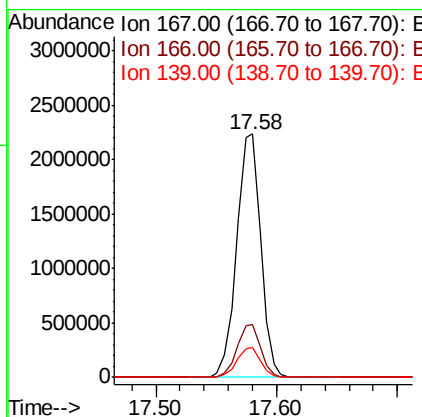
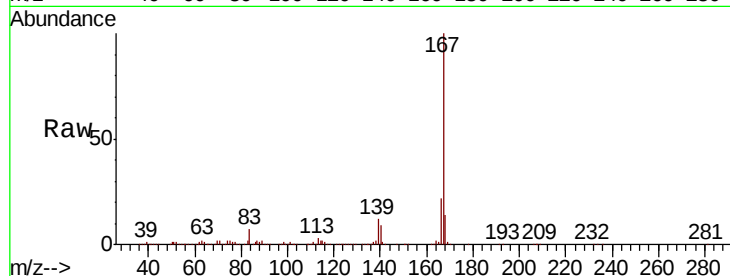


#73
 Carbazole
 Concen: 39.493 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3117774

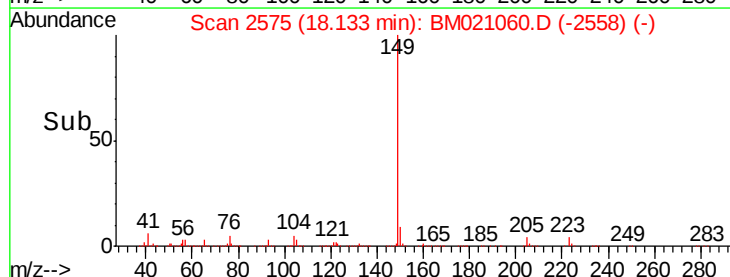
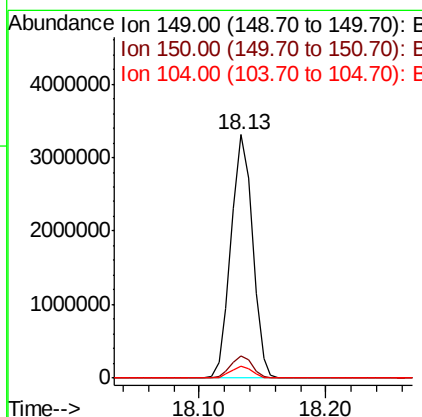
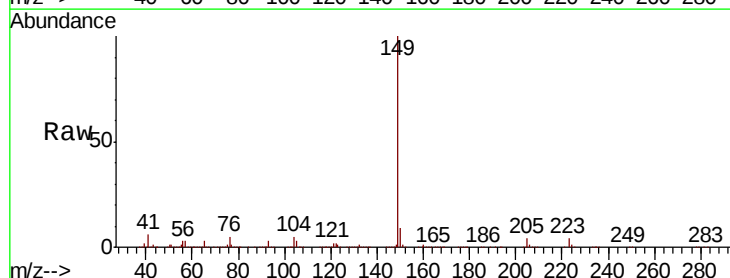
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.1	9.7	14.5

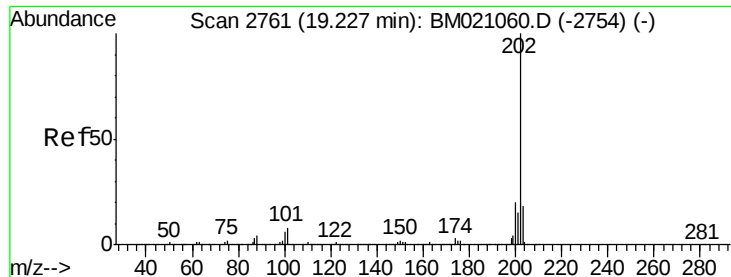


#74
 Di-n-butylphthalate
 Concen: 37.955 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion:149 Resp: 3889623

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.8	3.8	5.8





#75

Fluoranthene

Concen: 42.687 ng

RT: 19.23 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

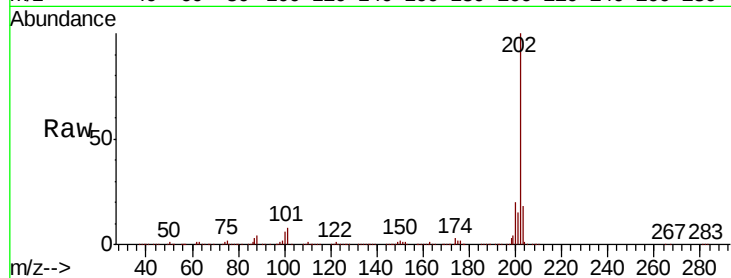
Tot Ion:202 Resp: 4126216

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.2

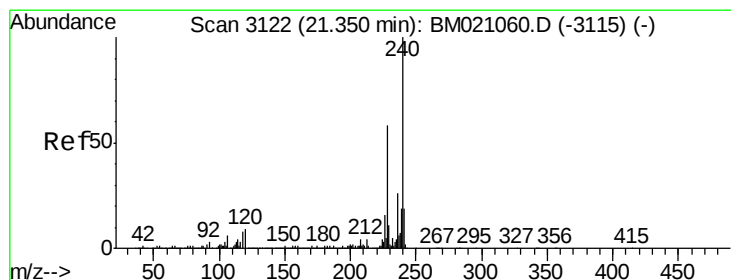
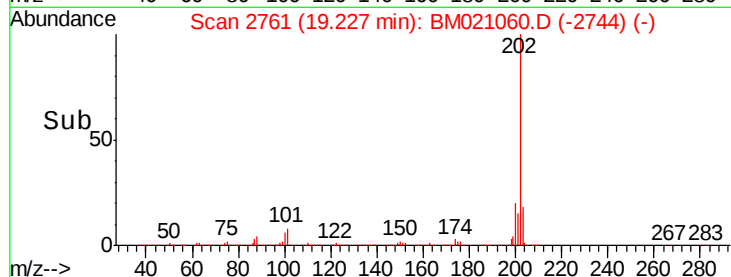
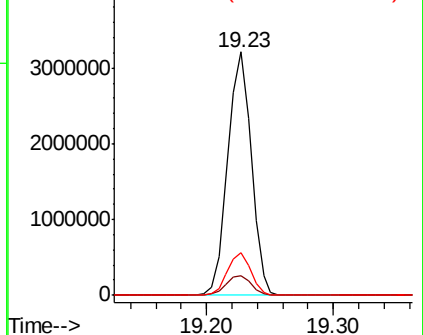
203 17.6 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

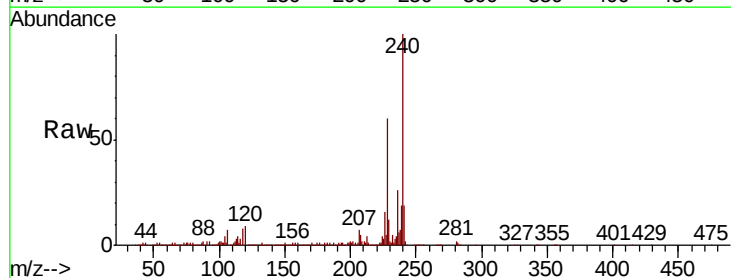
Tgt Ion:240 Resp: 1400394

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

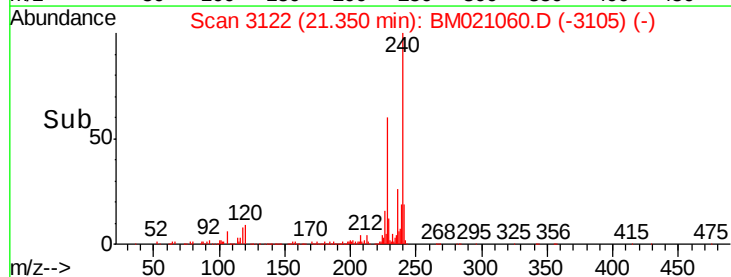
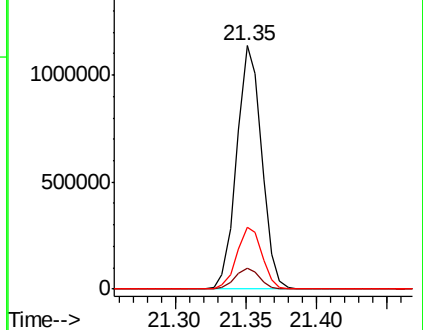
236 25.5 20.4 30.6

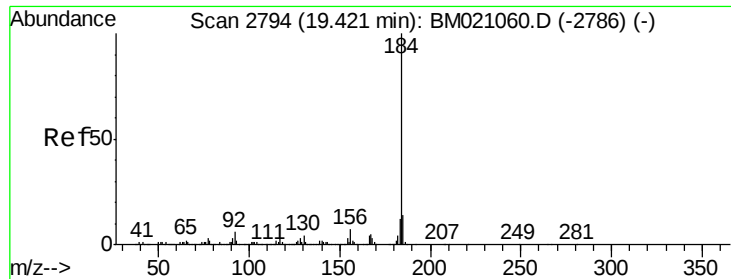


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.613 ng

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

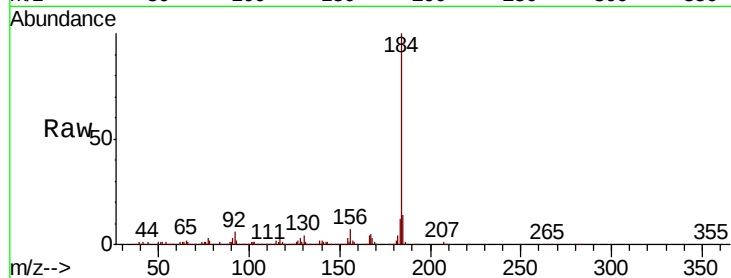
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1680927

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	12.0	9.6	14.4

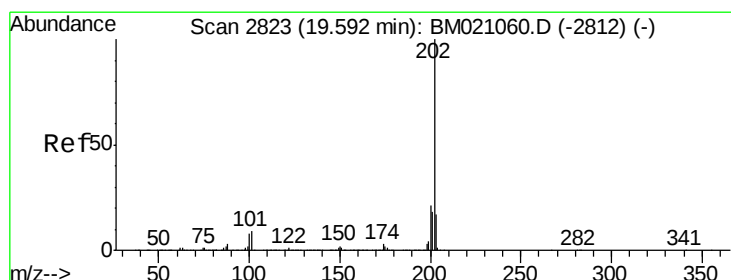
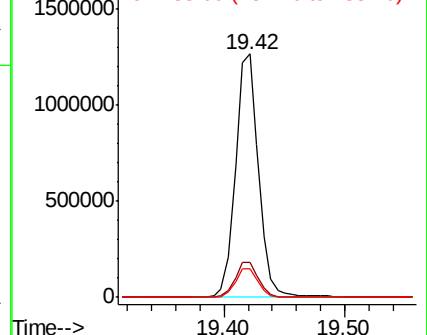
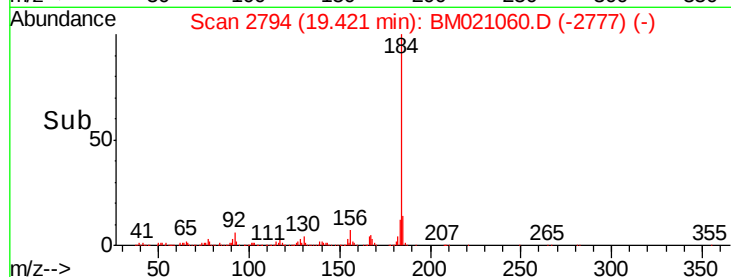


Abundance

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: 39.118 ng

RT: 19.59 min Scan# 2823

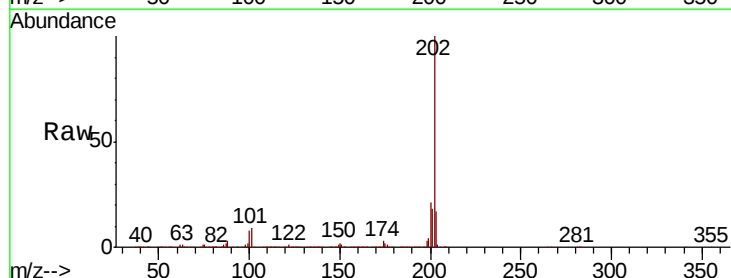
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:202 Resp: 4203798

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.5	14.0	21.0

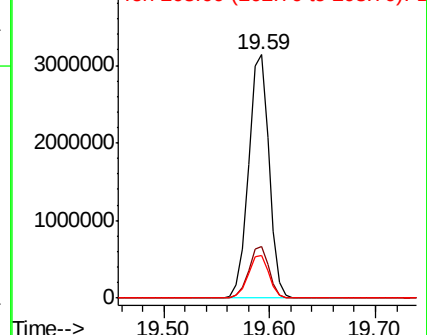
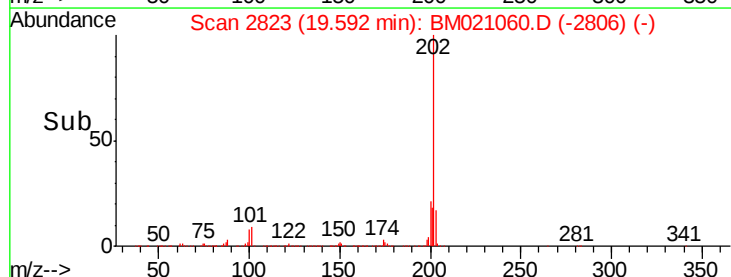


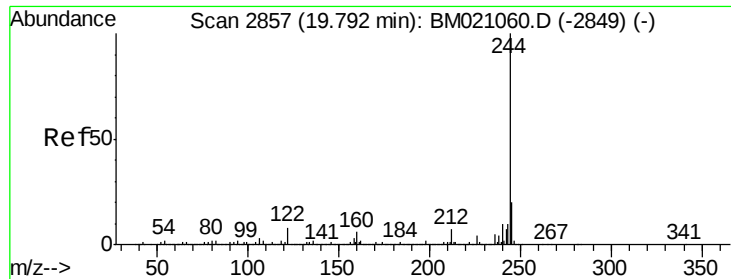
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.315 ng

RT: 19.79 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

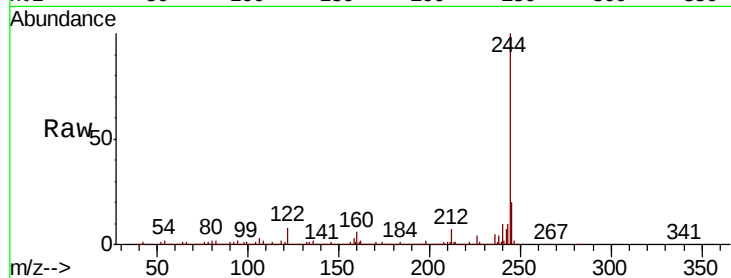
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6138190

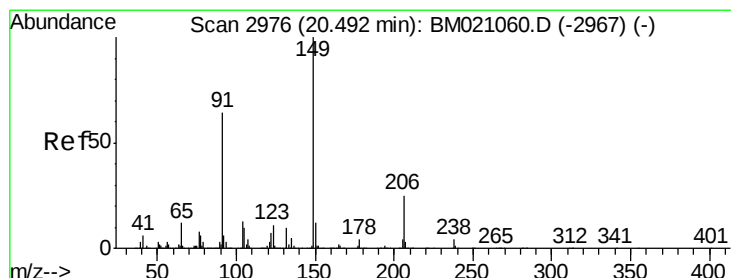
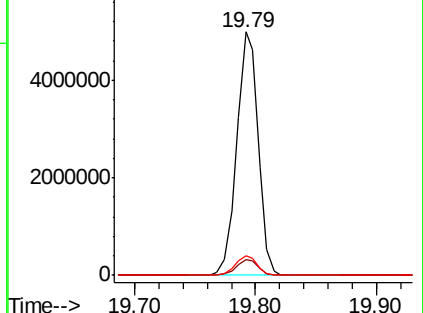
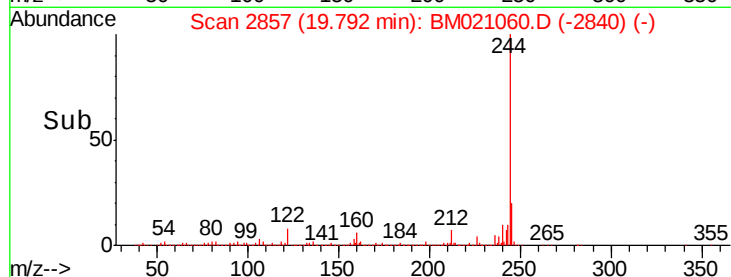
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	8.2	6.6	9.8



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: 36.426 ng

RT: 20.49 min Scan# 2976

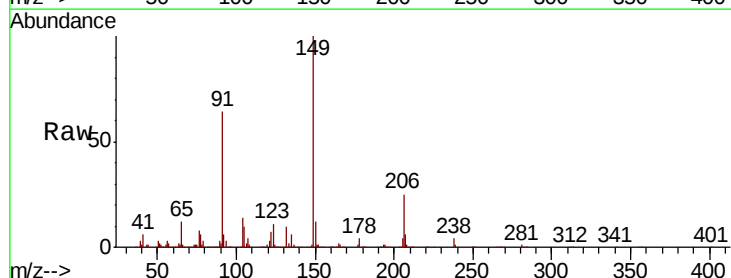
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:149 Resp: 1654279

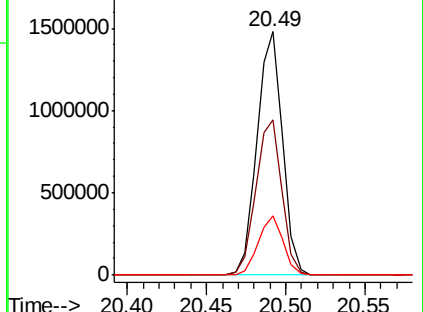
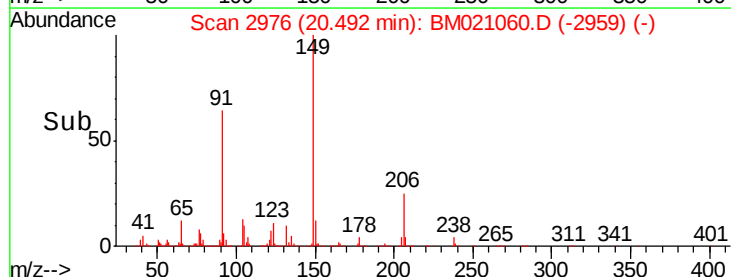
Ion	Ratio	Lower	Upper
149	100		
91	63.6	50.9	76.3
206	24.6	19.7	29.5

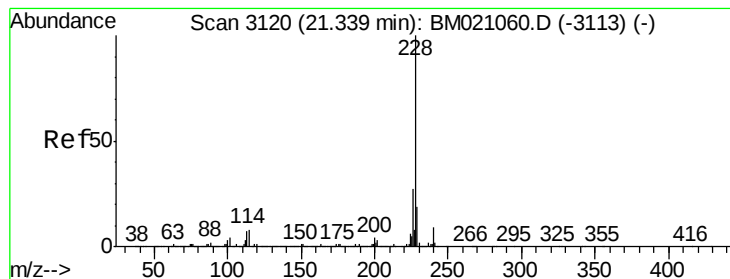


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.206 ng

RT: 21.34 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

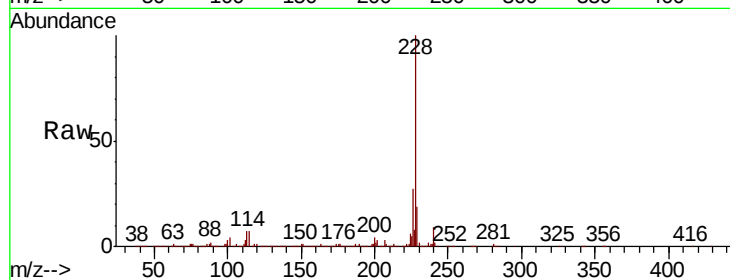
Tot Ion:228 Resp: 4018499

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.4	15.5	23.3

228 100

226 27.0 21.6 32.4

229 19.4 15.5 23.3

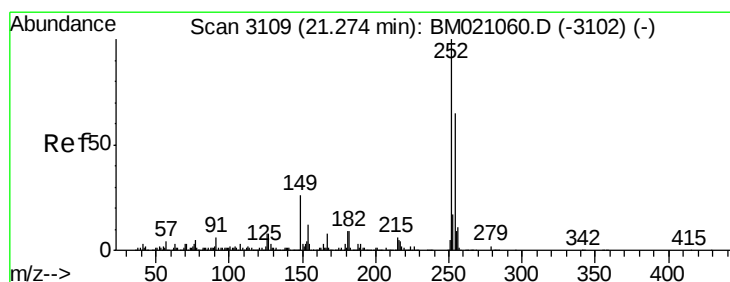
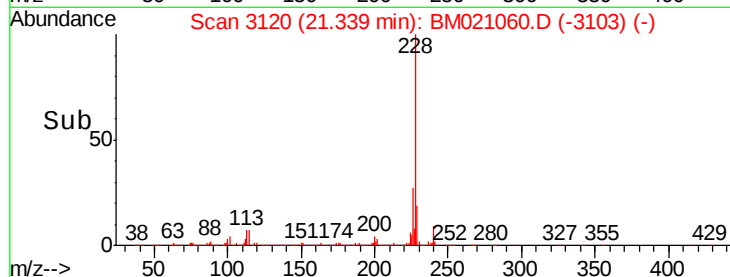
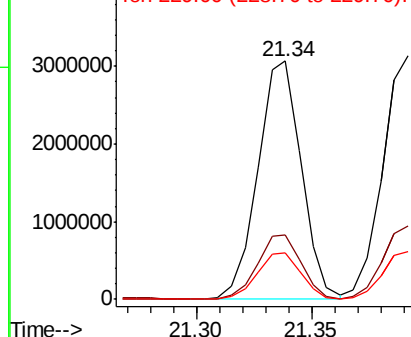


Abundance

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: 43.531 ng

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

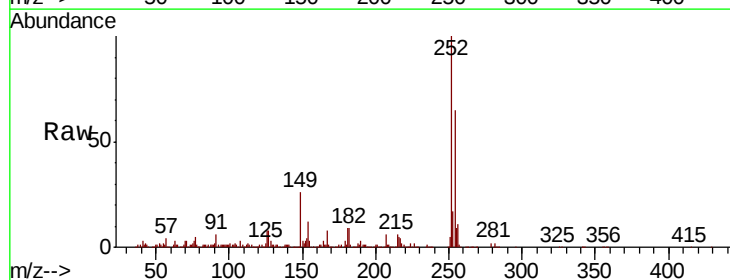
Tgt Ion:252 Resp: 1554562

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	8.2	6.6	9.8

252 100

254 64.6 51.7 77.5

126 8.2 6.6 9.8

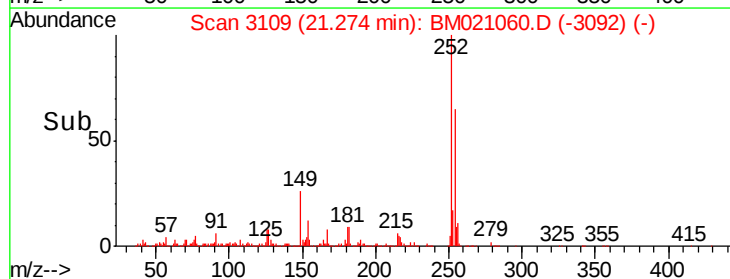
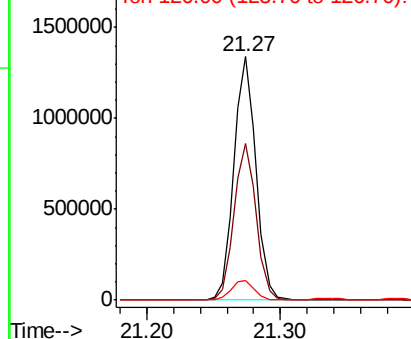


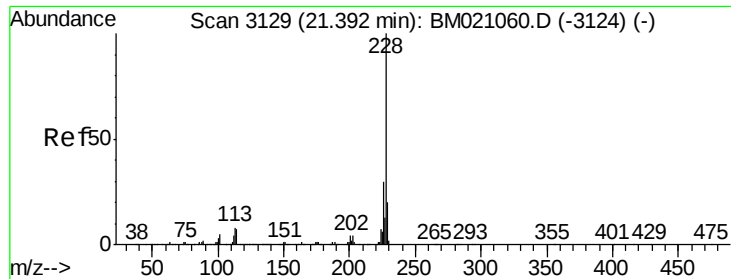
Abundance

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



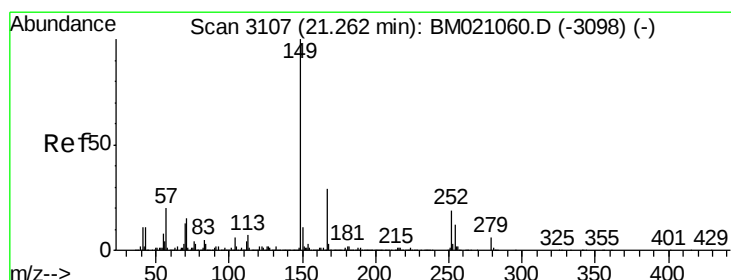
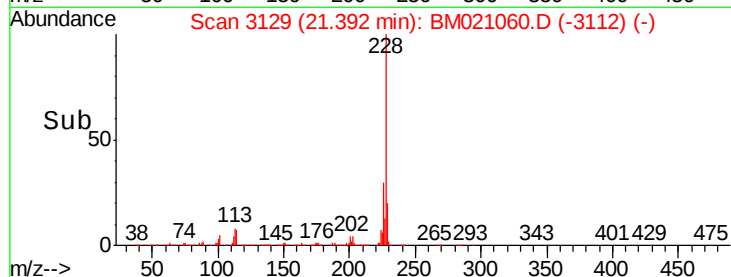
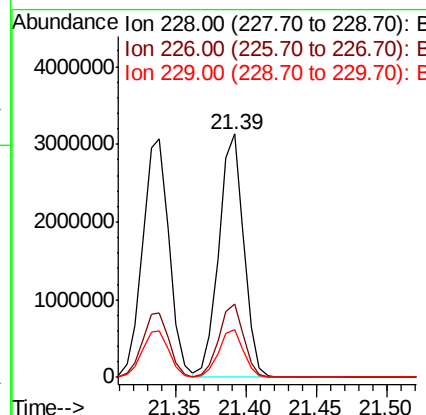
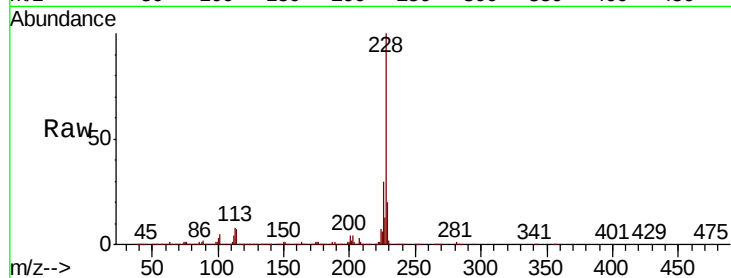


#83
 Chrysene
 Concen: 41.430 ng
 RT: 21.39 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 3840625

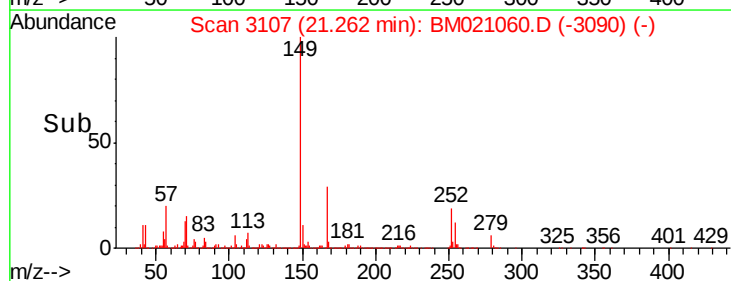
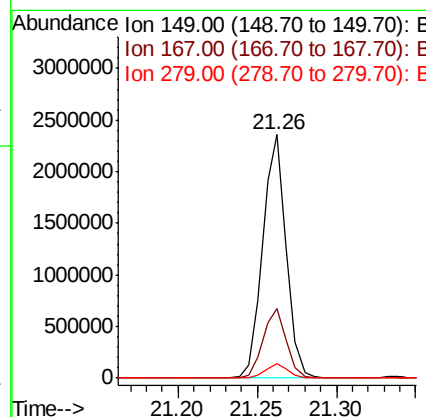
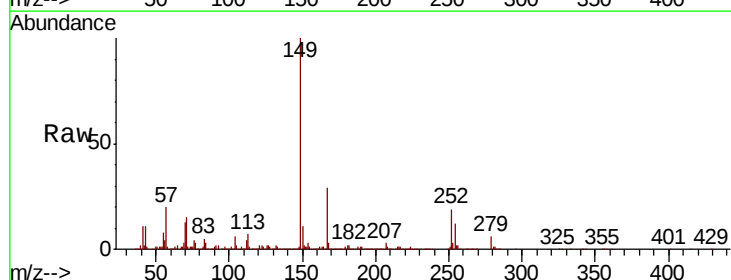
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.5	15.6	23.4

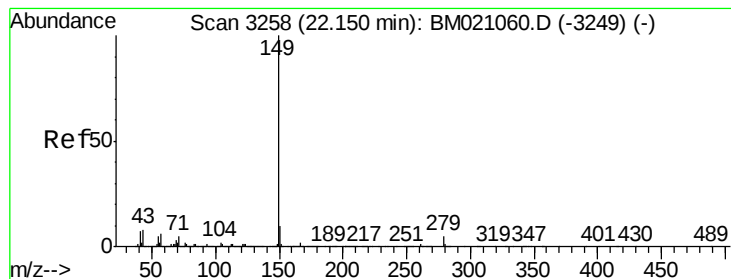


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.717 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM021060.D
 Acq: 20 Jun 2019 11:24

Tgt Ion:149 Resp: 2423521

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.8	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 38.101 ng

RT: 22.15 min Scan# 3258

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

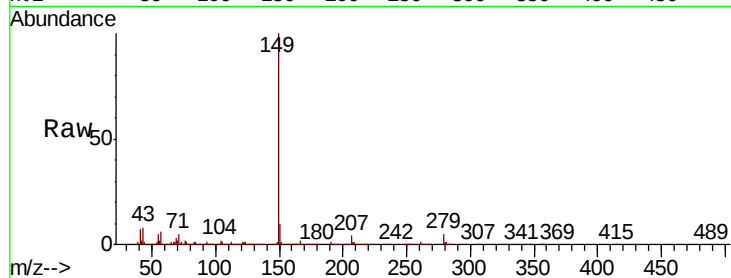
Tot Ion:149 Resp: 3992607

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

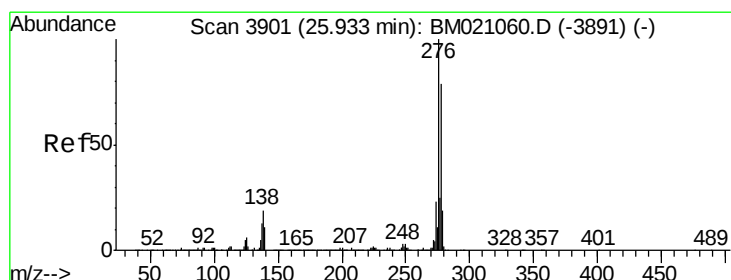
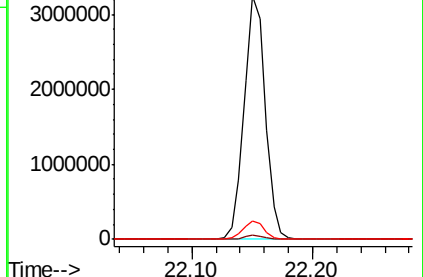
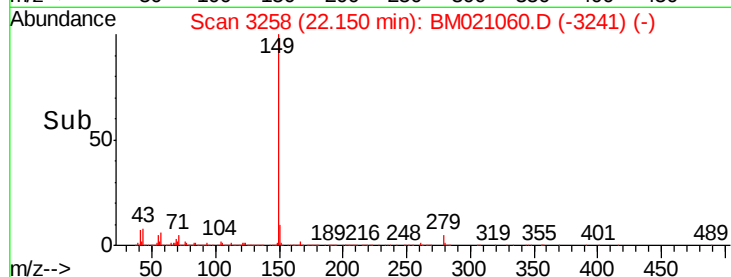
43 7.7 6.2 9.2



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.471 ng

RT: 25.93 min Scan# 3901

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

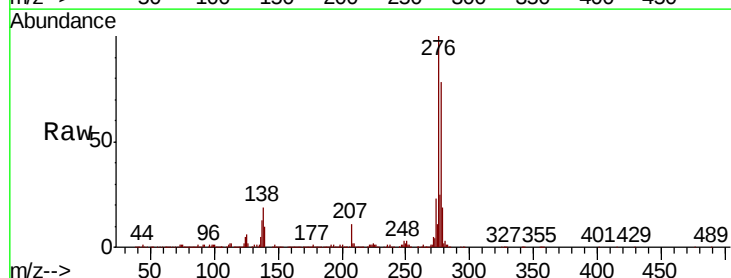
Tgt Ion:276 Resp: 4596818

Ion Ratio Lower Upper

276 100

138 19.2 15.4 23.0

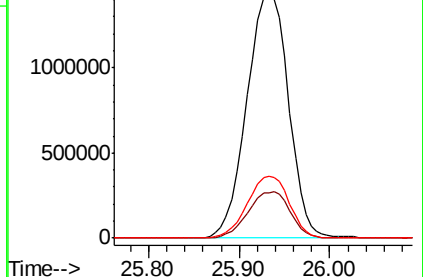
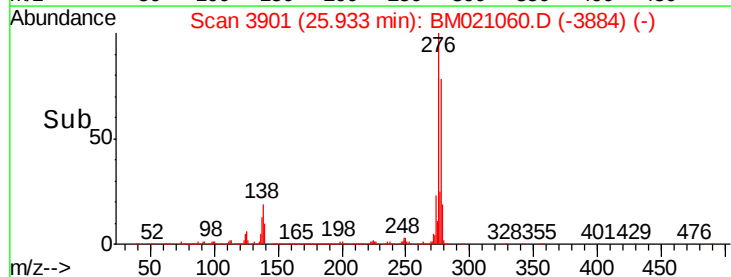
277 25.4 20.4 30.6

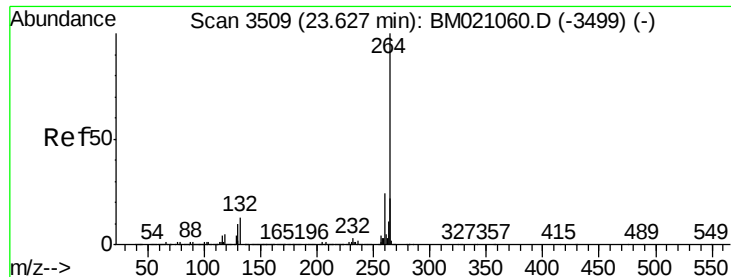


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

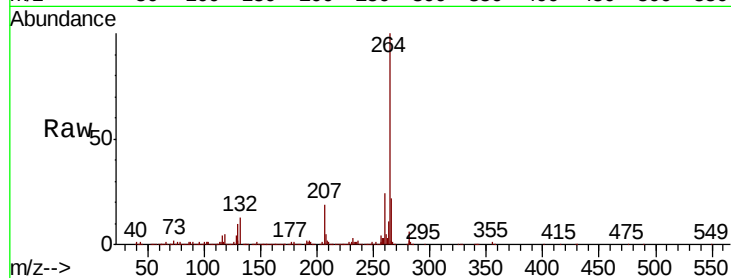
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1494480

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.1	17.7	26.5

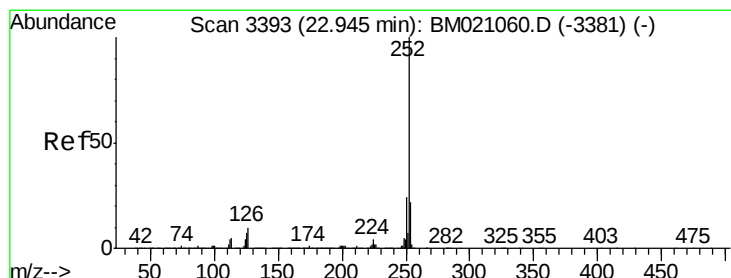
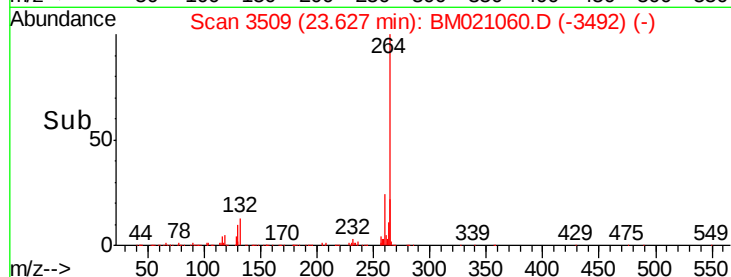
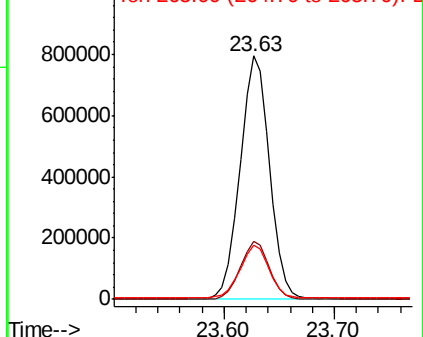


Abundance

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: 41.121 ng

RT: 22.94 min Scan# 3393

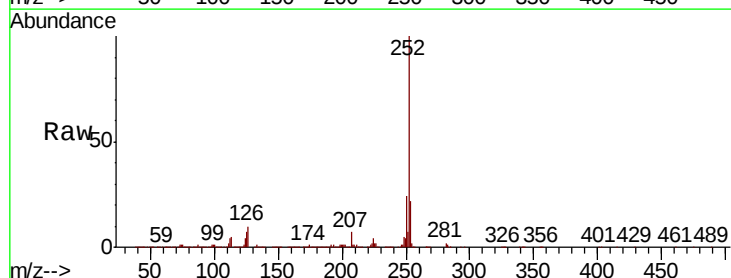
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:252 Resp: 4061808

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	7.4	5.9	8.9

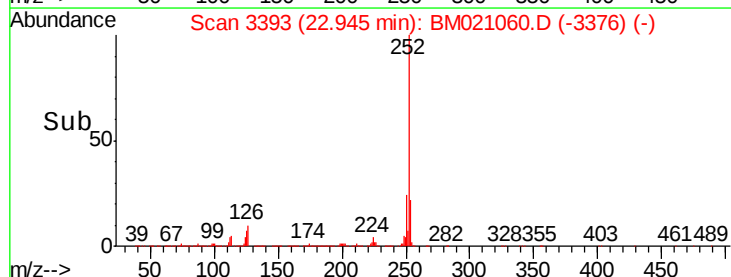
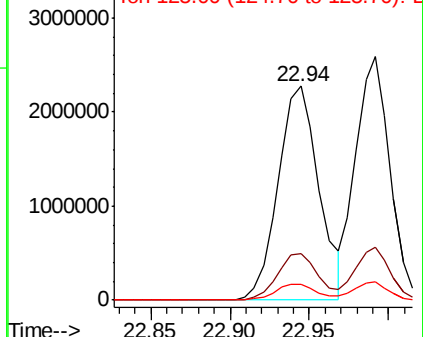


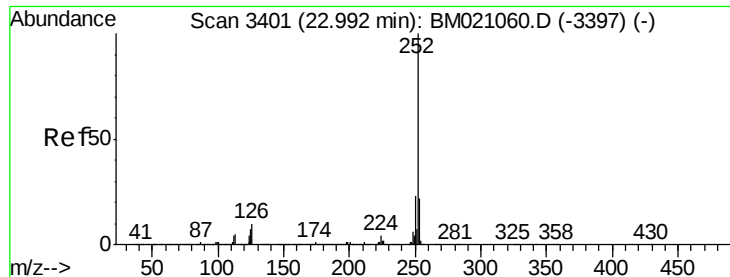
Abundance

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: 40.222 ng

RT: 22.99 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Instrument :

BNA_M

ClientSampleId :

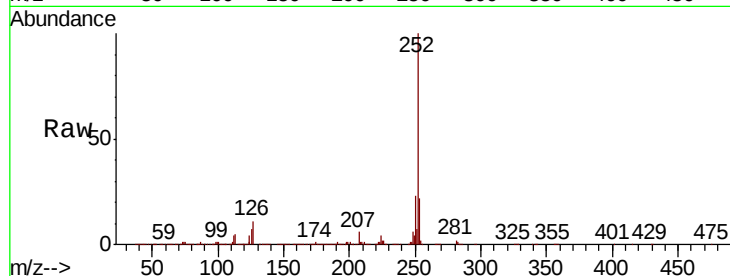
Tot Ion:252 Resp: 3882556

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

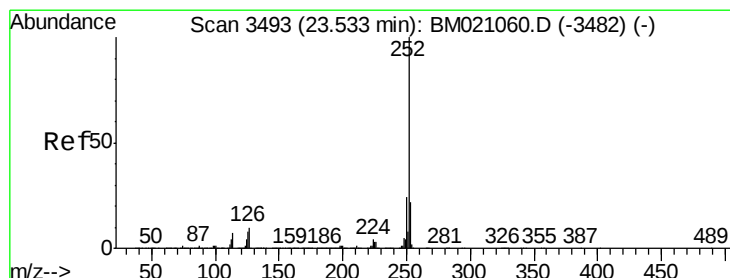
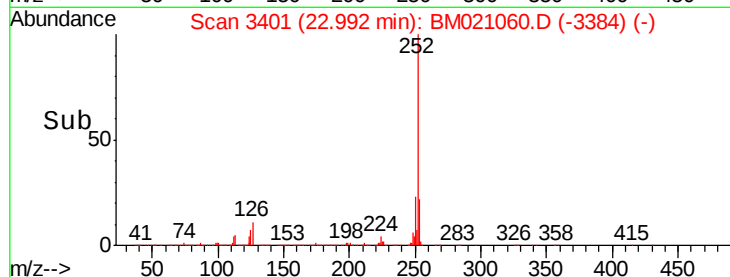
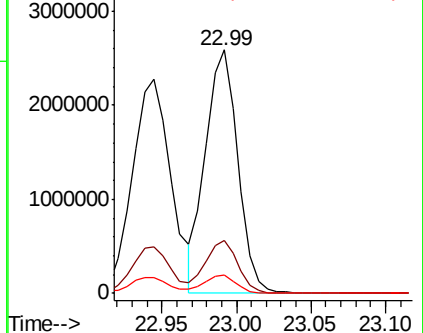
125 7.4 5.9 8.9



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: 41.130 ng

RT: 23.53 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

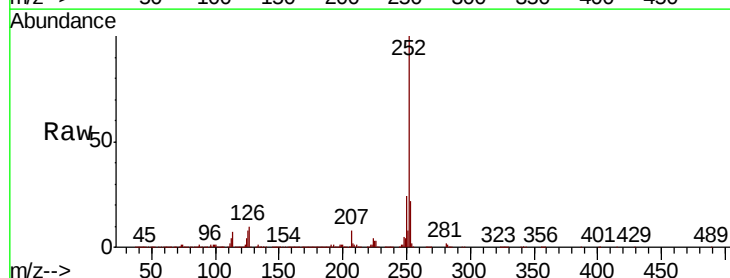
Tgt Ion:252 Resp: 3685041

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

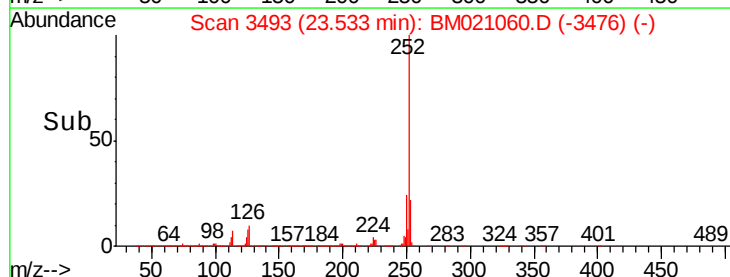
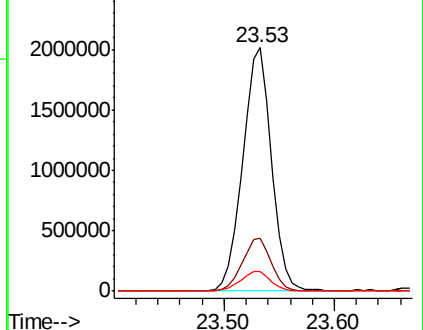
125 8.3 6.6 10.0

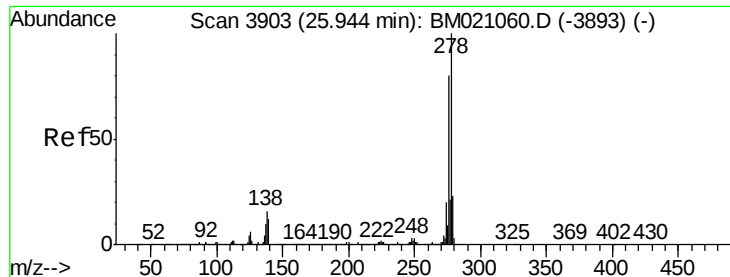


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.030 ng

RT: 25.94 min Scan# 3903

Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

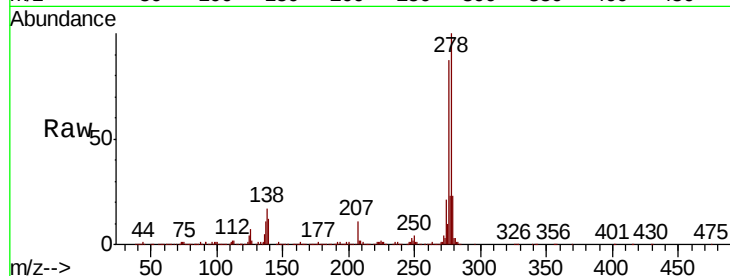
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3827177

Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.8	14.8
279	23.4	18.7	28.1

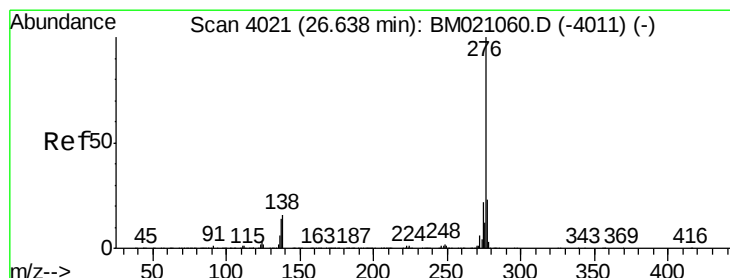
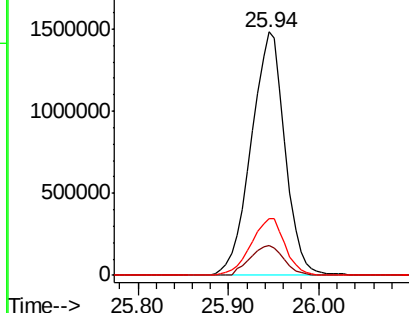
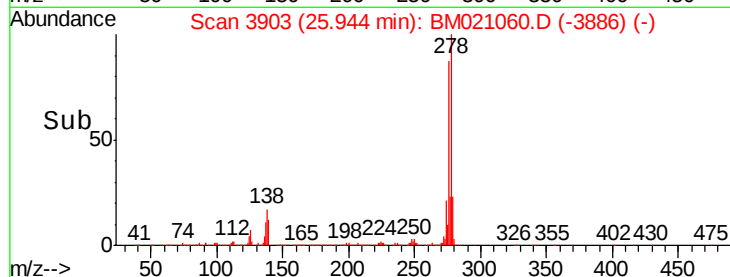


Abundance

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: 44.509 ng

RT: 26.64 min Scan# 4021

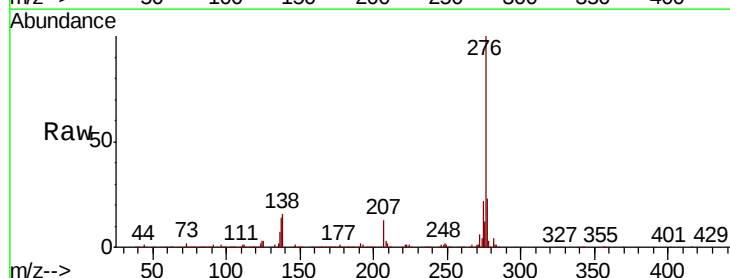
Delta R.T. 0.00 min

Lab File: BM021060.D

Acq: 20 Jun 2019 11:24

Tgt Ion:276 Resp: 3593539

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	16.4	13.1	19.7



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

