

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051419\
 Data File : BM020328.D
 Acq On : 14 May 2019 12:25
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 14 15:52:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 15:47:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	39602	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	147821	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	89118	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	213329	20.00	ng	0.00
76) Chrysene-d12	21.34	240	236195	20.00	ng	0.00
87) Perylene-d12	23.63	264	268209	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	221713	91.51	ng	0.00
7) Phenol-d6	6.93	99	283096	85.53	ng	0.00
23) Nitrobenzene-d5	8.93	82	315329	84.22	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	129295	93.47	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	635180	87.69	ng	0.00
79) Terphenyl-d14	19.78	244	1156881	85.43	ng	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.29	88	56498	47.548 ng	99
3) Pyridine	3.69	79	144615	47.587 ng	100
4) n-Nitrosodimethylamine	3.60	42	40644	41.708 ng	100
6) Aniline	7.09	93	176228	42.297 ng	100
8) 2-Chlorophenol	7.32	128	117413	44.508 ng	100
9) Benzaldehyde	6.91	77	95234	38.016 ng	100
10) Phenol	6.96	94	153056	42.956 ng	100
11) bis(2-Chloroethyl)ether	7.19	93	114381	44.167 ng	100
12) 1,3-Dichlorobenzene	7.65	146	138526	45.133 ng	100
13) 1,4-Dichlorobenzene	7.79	146	137760	44.430 ng	100
14) 1,2-Dichlorobenzene	8.10	146	132085	44.714 ng	100
15) Benzyl Alcohol	8.00	79	111686	34.994 ng	100
16) 2,2'-oxybis(1-Chloropropan	8.29	45	88359	41.147 ng	100
17) 2-Methylphenol	8.20	107	94844	41.350 ng	100
18) Hexachloroethane	8.82	117	55541	42.961 ng	100
19) n-Nitroso-di-n-propylamine	8.56	70	108169	38.199 ng	100
20) 3+4-Methylphenols	8.53	107	120477	39.521 ng	100
22) Acetophenone	8.59	105	173827	43.027 ng	100
24) Nitrobenzene	8.97	77	162906	41.963 ng	100
25) Isophorone	9.49	82	270891	41.954 ng	100
26) 2-Nitrophenol	9.67	139	56929	48.574 ng	100
27) 2,4-Dimethylphenol	9.73	122	78244	40.100 ng	100
28) bis(2-Chloroethoxy)methane	9.97	93	151402	43.053 ng	100
29) 2,4-Dichlorophenol	10.20	162	104879	42.627 ng	100
30) 1,2,4-Trichlorobenzene	10.41	180	133589	44.126 ng	100
31) Naphthalene	10.60	128	338679	44.151 ng	100
32) Benzoic acid	9.85	122	46849	35.709 ng	100
33) 4-Chloroaniline	10.72	127	121629	38.523 ng	100
34) Hexachlorobutadiene	10.86	225	94210	43.990 ng	100
35) Caprolactam	11.52	113	29673	40.333 ng	100
36) 4-Chloro-3-methylphenol	11.84	107	113501	39.255 ng	100
37) 2-Methylnaphthalene	12.22	142	239276	42.786 ng	100
38) 1-Methylnaphthalene	12.43	142	239163	43.734 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	156468	44.876 ng	100

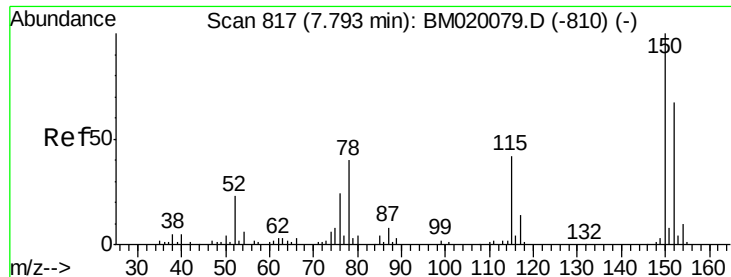
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051419\
 Data File : BM020328.D
 Acq On : 14 May 2019 12:25
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 14 15:52:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 15:47:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	97559	47.521	ng	100
43) 2,4,6-Trichlorophenol	12.83	196	90591	45.717	ng	100
44) 2,4,5-Trichlorophenol	12.90	196	95696	43.229	ng	100
46) 1,1'-Biphenyl	13.23	154	325357	44.355	ng	100
47) 2-Chloronaphthalene	13.28	162	258295	44.103	ng	100
48) 2-Nitroaniline	13.50	65	76593	36.734	ng	100
49) Acenaphthylene	14.13	152	413981	44.168	ng	100
50) Dimethylphthalate	13.86	163	323686	42.735	ng	100
51) 2,6-Dinitrotoluene	13.99	165	69761	43.729	ng	100
52) Acenaphthene	14.47	154	235072	43.735	ng	100
53) 3-Nitroaniline	14.33	138	59489	40.178	ng	100
54) 2,4-Dinitrophenol	14.54	184	28967	40.883	ng	100
55) Dibenzofuran	14.80	168	398743	43.981	ng	100
56) 4-Nitrophenol	14.64	139	53672	42.486	ng	100
57) 2,4-Dinitrotoluene	14.79	165	94048	43.385	ng	100
58) Fluorene	15.46	166	320847	43.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	95763	45.522	ng	100
60) Diethylphthalate	15.23	149	314689	41.238	ng	100
61) 4-Chlorophenyl-phenylether	15.45	204	183663	43.534	ng	100
62) 4-Nitroaniline	15.50	138	54528	33.370	ng	100
63) Azobenzene	15.74	77	356988	39.654	ng	100
65) 4,6-Dinitro-2-methylphenol	15.54	198	49474	46.268	ng	100
66) n-Nitrosodiphenylamine	15.67	169	273133	43.511	ng	100
67) 4-Bromophenyl-phenylether	16.34	248	115493	44.149	ng	100
68) Hexachlorobenzene	16.45	284	136986	45.506	ng	100
69) Atrazine	16.62	200	100209	40.849	ng	100
70) Pentachlorophenol	16.80	266	78786	45.743	ng	100
71) Phenanthrene	17.20	178	521429	44.279	ng	100
72) Anthracene	17.29	178	506643	43.031	ng	100
73) Carbazole	17.57	167	453909	42.726	ng	100
74) Di-n-butylphthalate	18.12	149	540126	42.247	ng	100
75) Fluoranthene	19.22	202	661898	44.424	ng	100
77) Benzidine	19.42	184	180984	23.967	ng	100
78) Pyrene	19.58	202	686620	43.298	ng	100
80) Butylbenzylphthalate	20.48	149	253561	43.970	ng	100
81) Benzo(a)anthracene	21.33	228	725426	43.794	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	256772	40.615	ng	100
83) Chrysene	21.38	228	711806	44.309	ng	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	375362	41.947	ng	100
85) Di-n-octyl phthalate	22.14	149	652566	43.876	ng	100
86) Indeno(1,2,3-cd)pyrene	25.95	276	891251	46.642	ng	100
88) Benzo(b)fluoranthene	22.94	252	766571	43.282	ng	100
89) Benzo(k)fluoranthene	22.99	252	707274	43.778	ng	100
90) Benzo(a)pyrene	23.53	252	707703	43.991	ng	100
91) Dibenzo(a,h)anthracene	25.96	278	754369	45.090	ng	100
92) Benzo(g,h,i)perylene	26.66	276	728262	45.850	ng	100

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

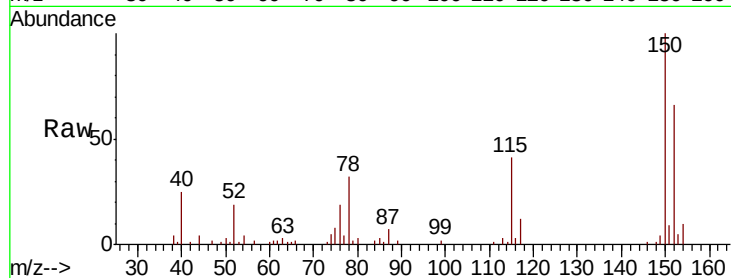


#1

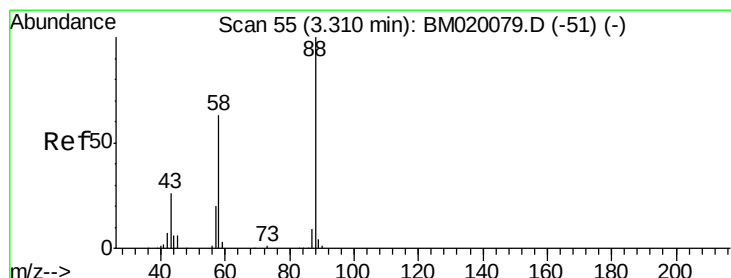
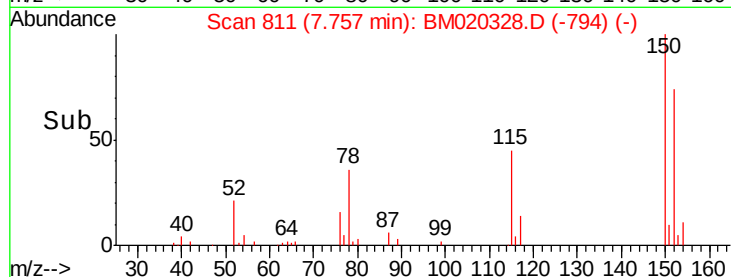
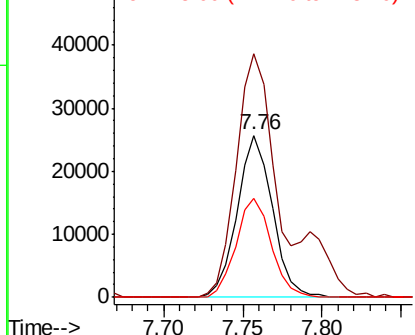
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 39602
Ion Ratio Lower Upper
152 100
150 150.4 120.3 180.5
115 61.5 49.2 73.8



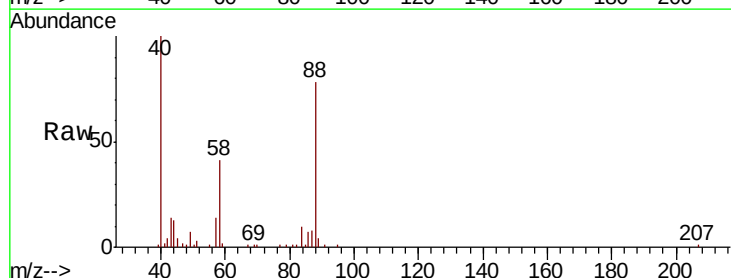
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



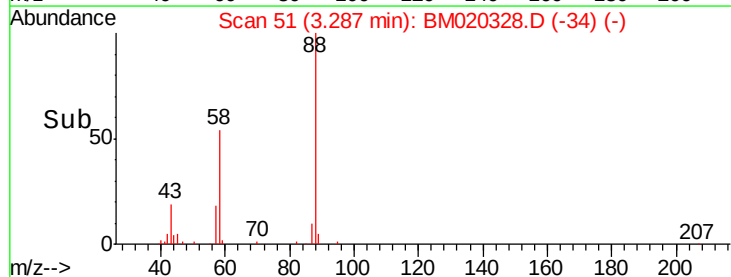
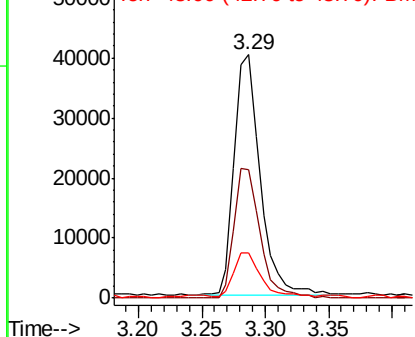
#2

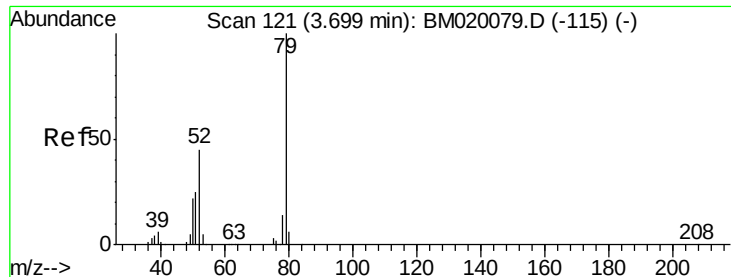
1,4-Dioxane
Concen: 47.548 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion: 88 Resp: 56498
Ion Ratio Lower Upper
88 100
58 53.9 43.1 64.7
43 19.2 16.8 25.2



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: 47.587 ng

RT: 3.69 min Scan# 119

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

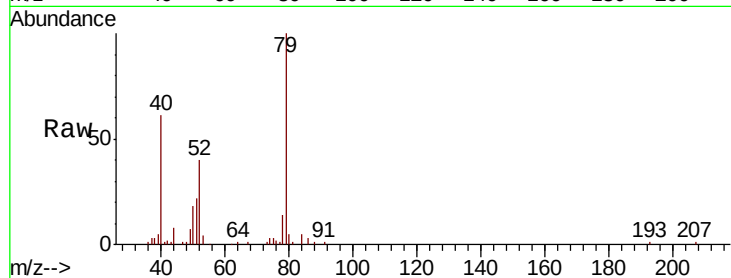
Tot Ion: 79 Resp: 144615

Ion Ratio Lower Upper

79 100

52 40.1 32.1 48.1

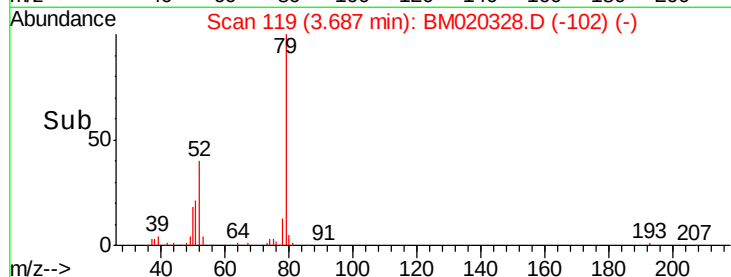
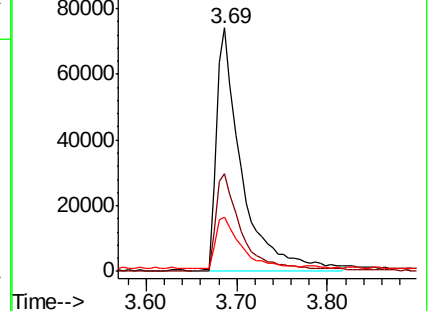
51 22.2 17.8 26.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020079.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 41.708 ng

RT: 3.60 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

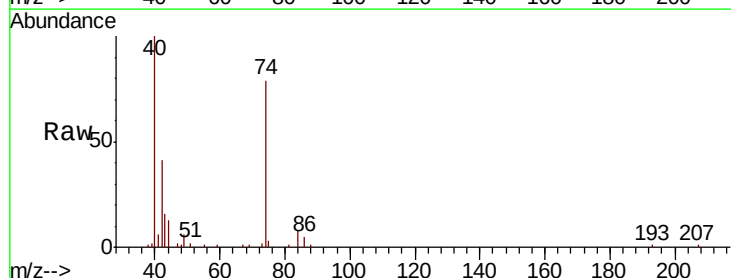
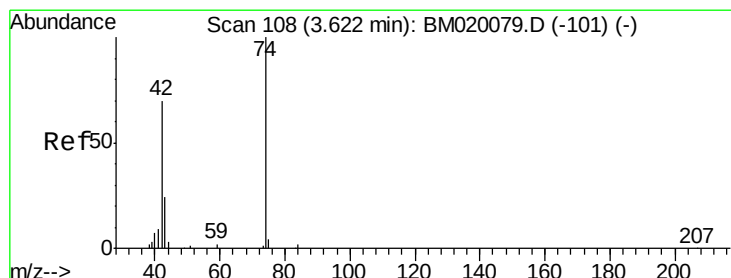
Tgt Ion: 42 Resp: 40644

Ion Ratio Lower Upper

42 100

74 191.9 153.5 230.3

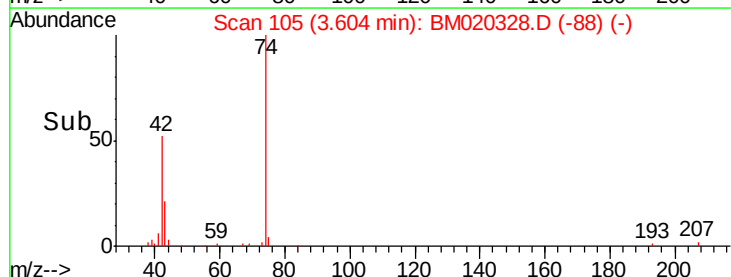
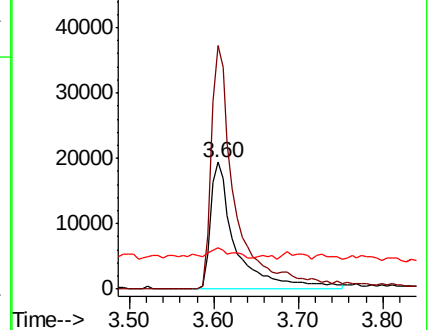
44 32.2 25.8 38.6

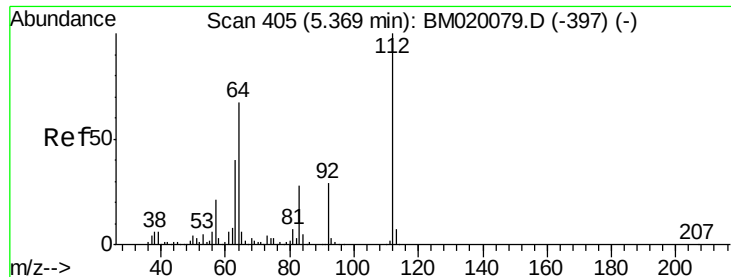


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020079.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020079.D (-101) (-)





#5

2-Fluorophenol

Concen: 91.513 ng

RT: 5.34 min Scan# 400

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

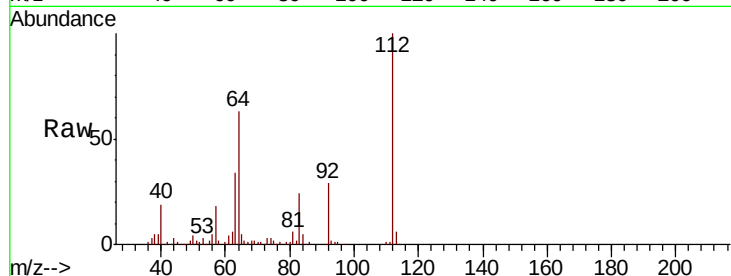
Tot Ion:112 Resp: 221713

Ion Ratio Lower Upper

112 100

64 62.6 50.1 75.1

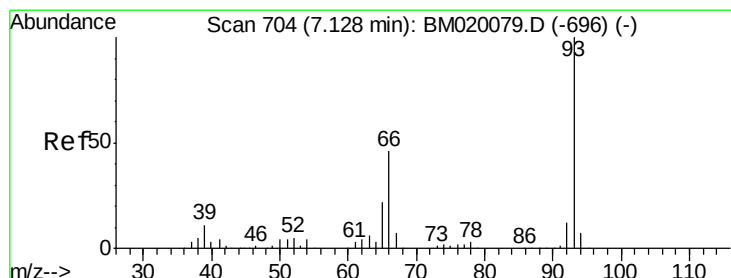
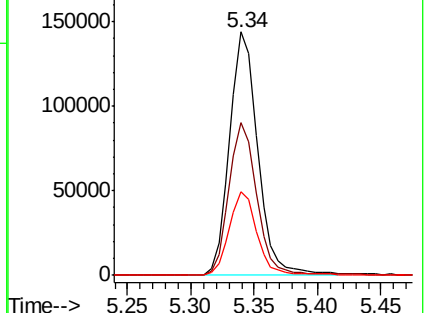
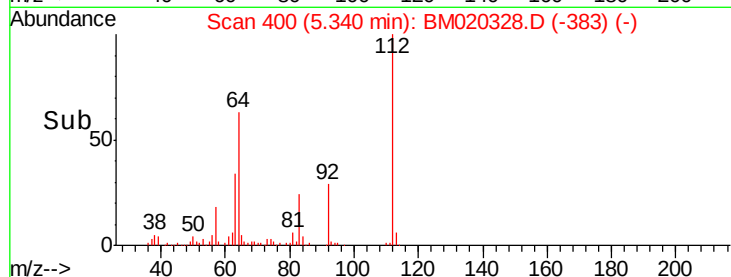
63 34.3 27.4 41.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.297 ng

RT: 7.09 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

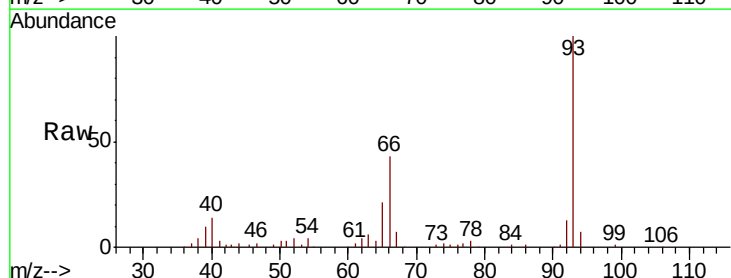
Tgt Ion: 93 Resp: 176228

Ion Ratio Lower Upper

93 100

66 43.1 34.5 51.7

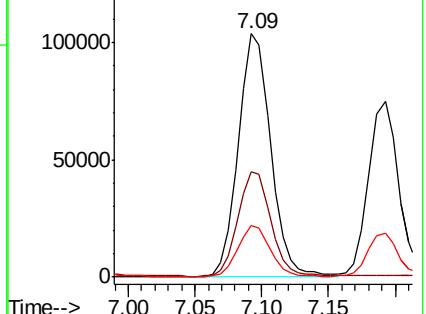
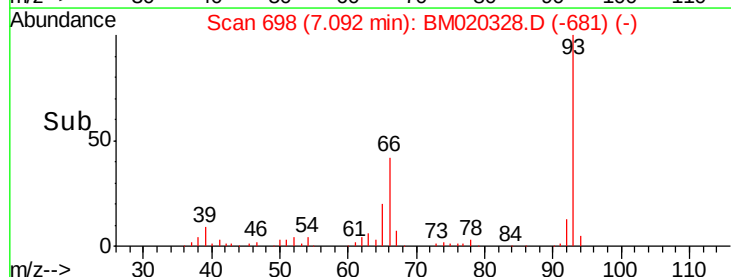
65 21.1 16.9 25.3

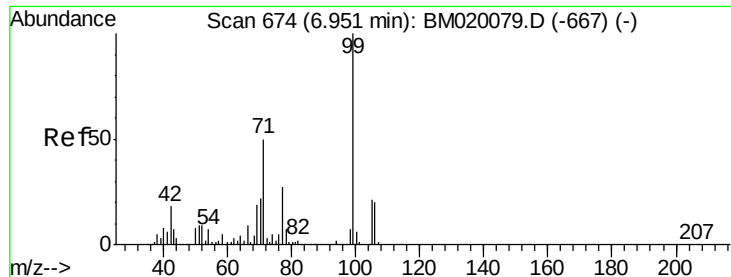


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 85.532 ng

RT: 6.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

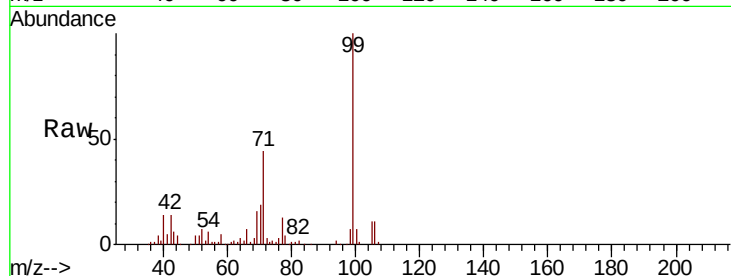
Tot Ion: 99 Resp: 283096

Ion Ratio Lower Upper

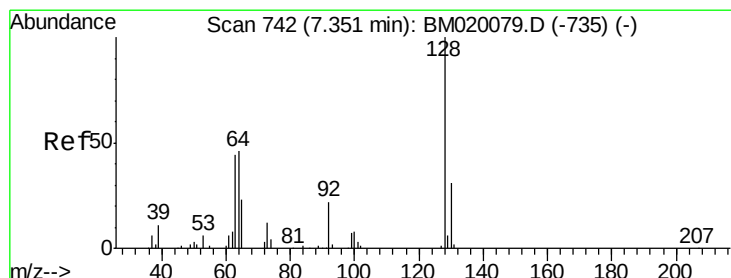
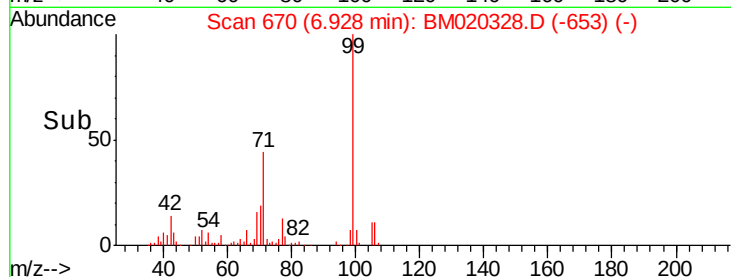
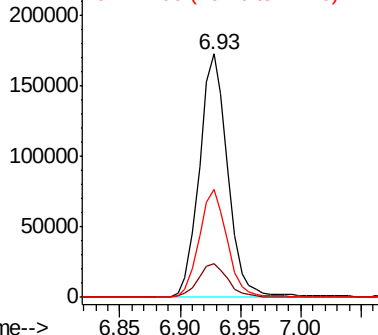
99 100

42 14.0 11.2 16.8

71 44.5 35.6 53.4



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 44.508 ng

RT: 7.32 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

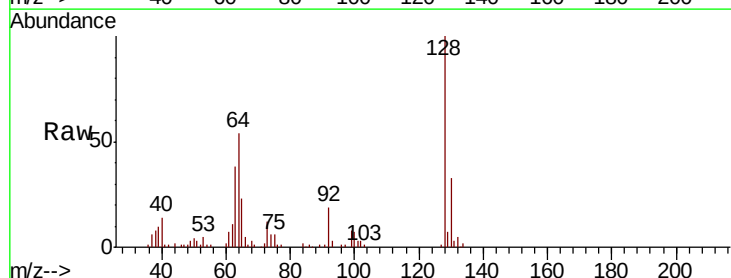
Tgt Ion: 128 Resp: 117413

Ion Ratio Lower Upper

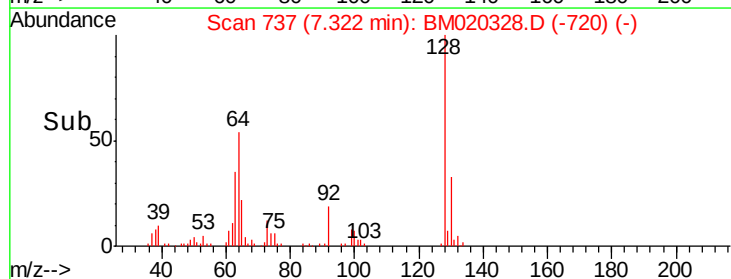
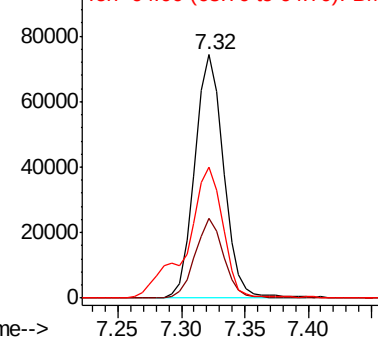
128 100

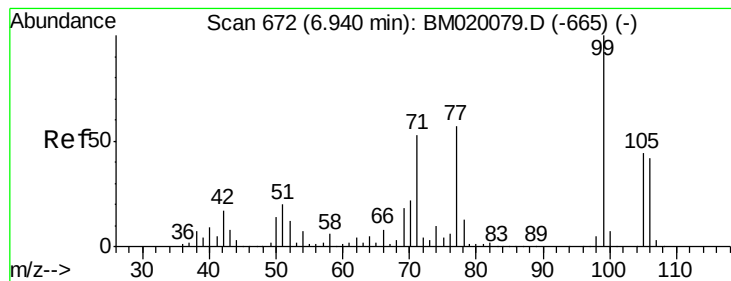
130 32.9 12.9 52.9

64 53.9 33.9 73.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 38.016 ng

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

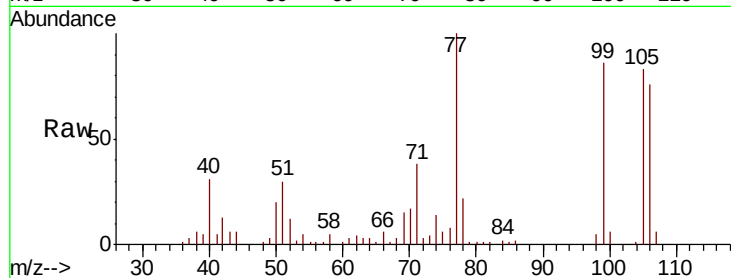
Tot Ion: 77 Resp: 95234

Ion Ratio Lower Upper

77 100

105 82.9 62.9 102.9

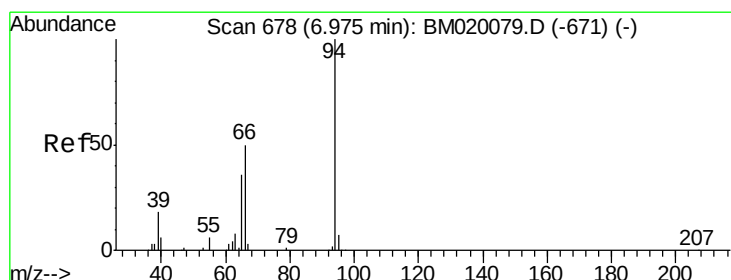
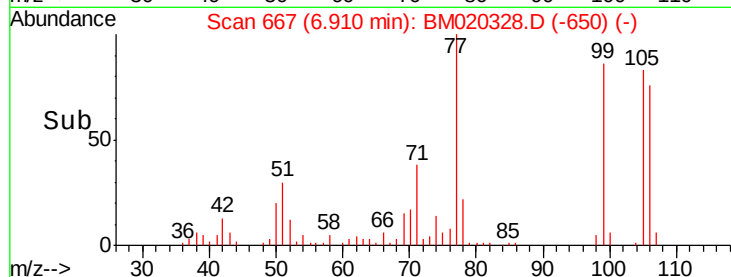
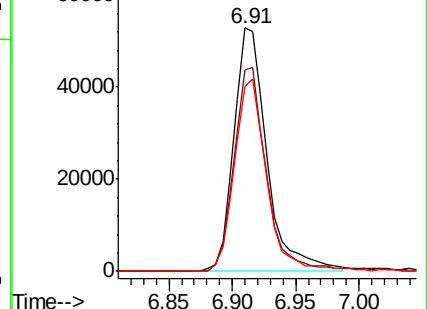
106 76.1 56.1 96.1



Abundance Ion 77.00 (76.70 to 77.70): BM020328.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020328.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020328.D (-665) (-)



#10

Phenol

Concen: 42.956 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

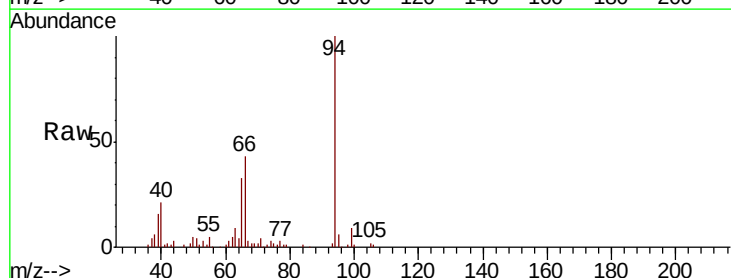
Tgt Ion: 94 Resp: 153056

Ion Ratio Lower Upper

94 100

65 33.1 13.1 53.1

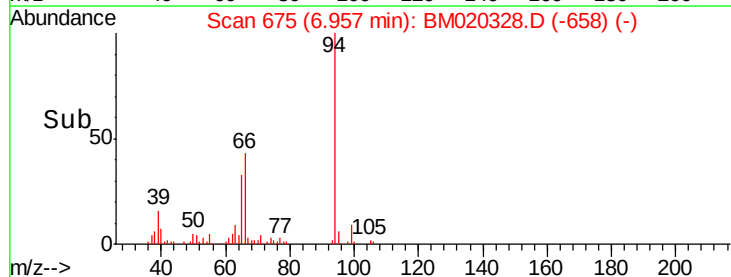
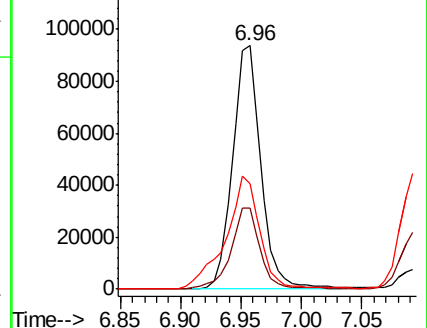
66 43.4 23.4 63.4

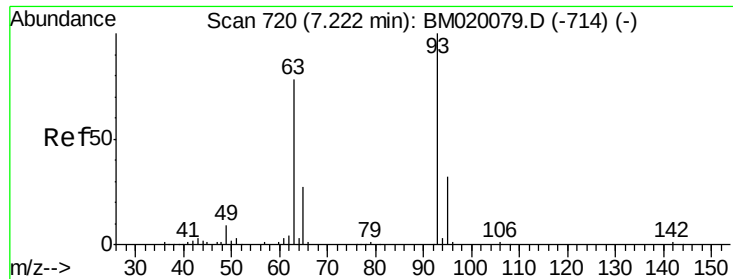


Abundance Ion 94.00 (93.70 to 94.70): BM020328.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM020328.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM020328.D (-658) (-)

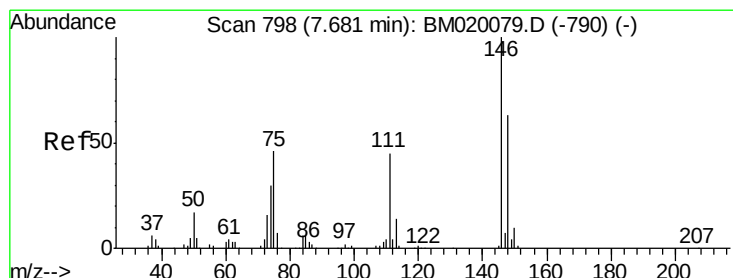
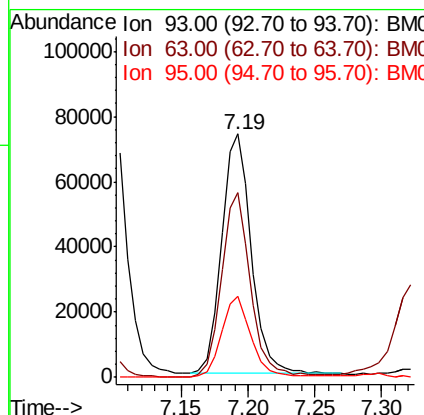
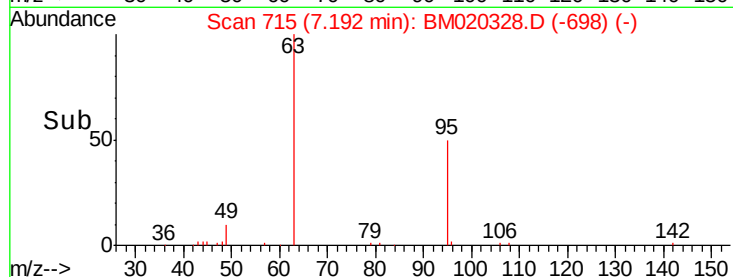
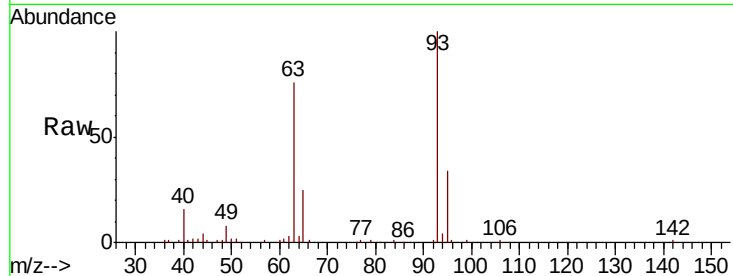




#11
bis(2-Chloroethyl)ether
Concen: 44.167 ng
RT: 7.19 min Scan# 715
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

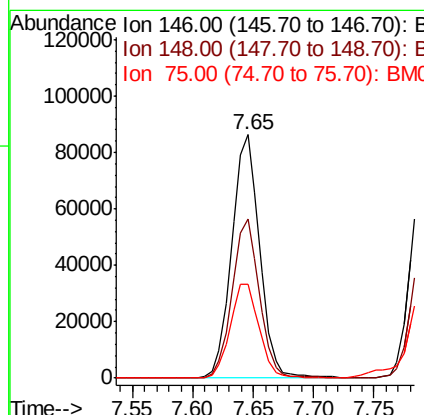
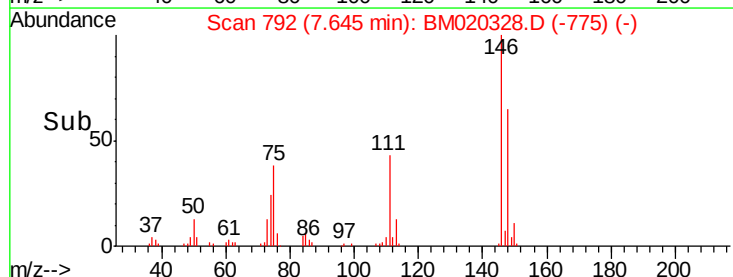
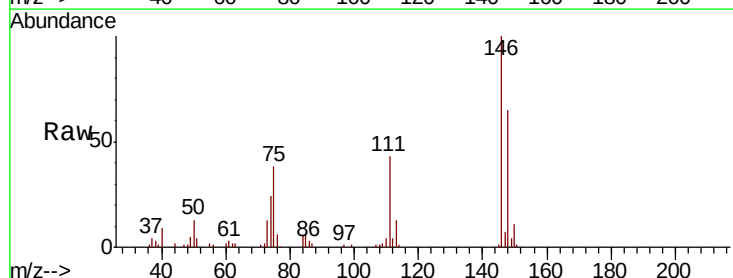
Instrument :
BNA_M
ClientSampled :

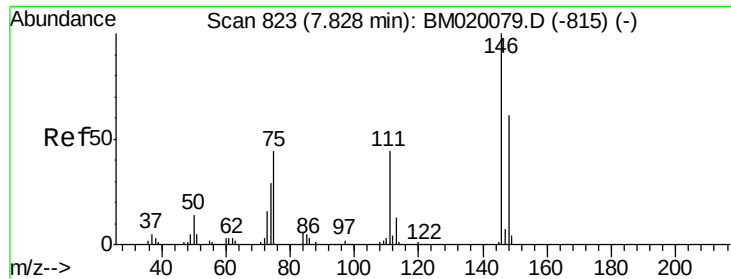
Tot Ion: 93 Resp: 114381
Ion Ratio Lower Upper
93 100
63 75.9 55.9 95.9
95 33.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 45.133 ng
RT: 7.65 min Scan# 792
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion: 146 Resp: 138526
Ion Ratio Lower Upper
146 100
148 65.2 52.2 78.2
75 38.5 30.8 46.2

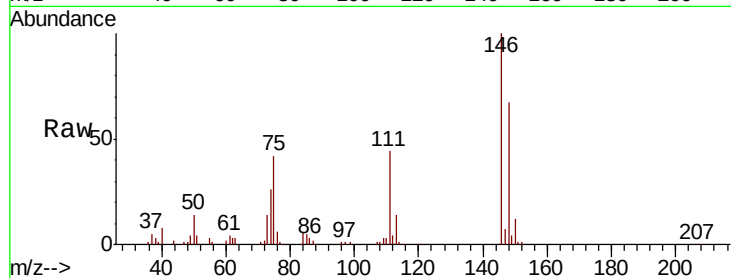




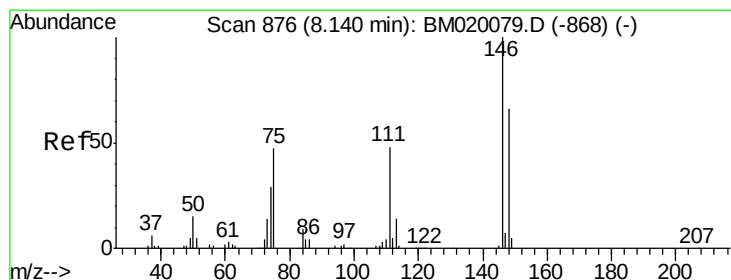
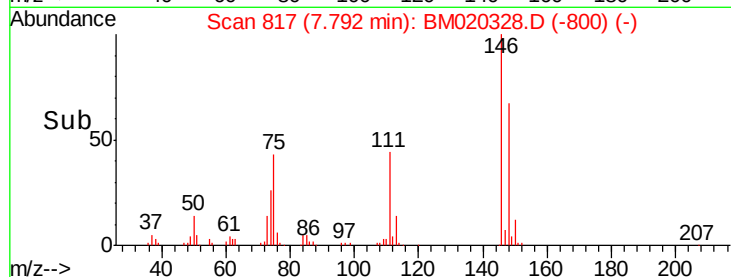
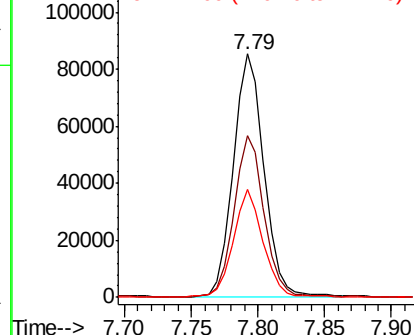
#13
 1,4-Dichlorobenzene
 Concen: 44.430 ng
 RT: 7.79 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:146 Resp: 137760
 Ion Ratio Lower Upper
 146 100
 148 66.6 53.3 79.9
 111 44.3 35.4 53.2

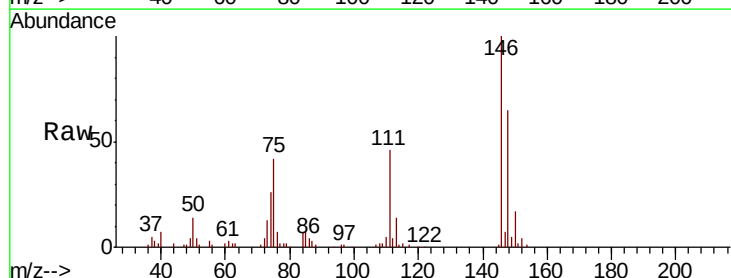


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

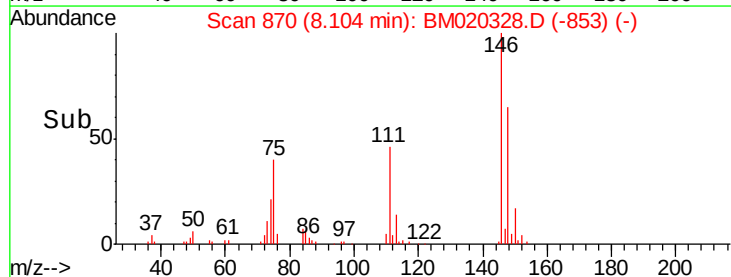
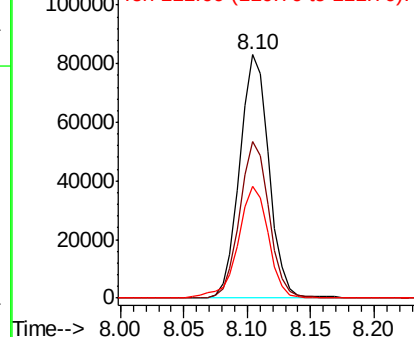


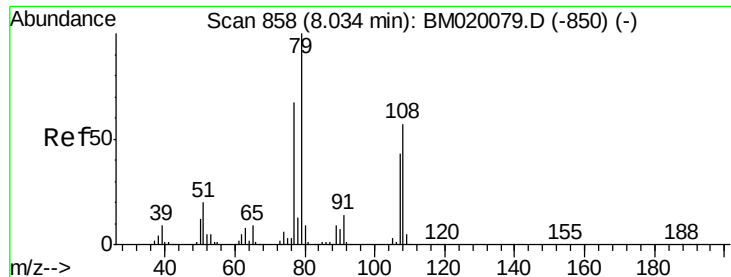
#14
 1,2-Dichlorobenzene
 Concen: 44.714 ng
 RT: 8.10 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:146 Resp: 132085
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 111 45.8 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 34.994 ng

RT: 8.00 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

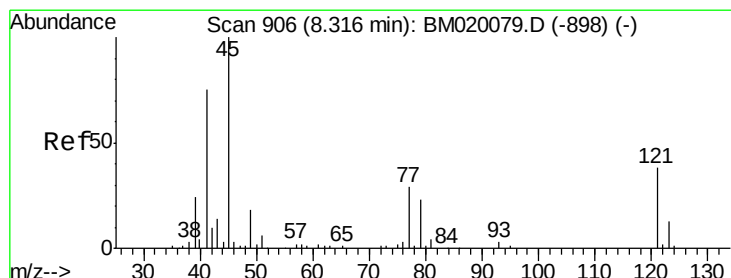
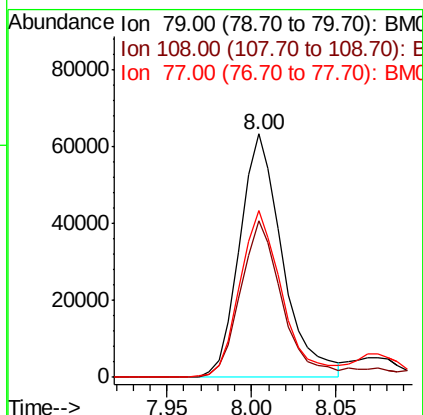
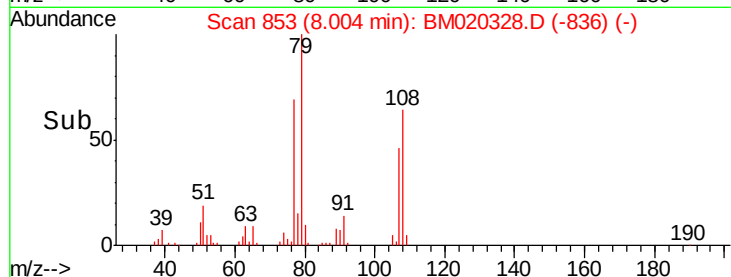
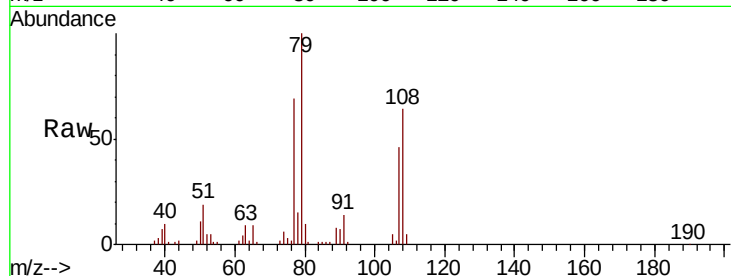
Tot Ion: 79 Resp: 111686

Ion Ratio Lower Upper

79 100

108 64.4 51.5 77.3

77 68.7 55.0 82.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.147 ng

RT: 8.29 min Scan# 901

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

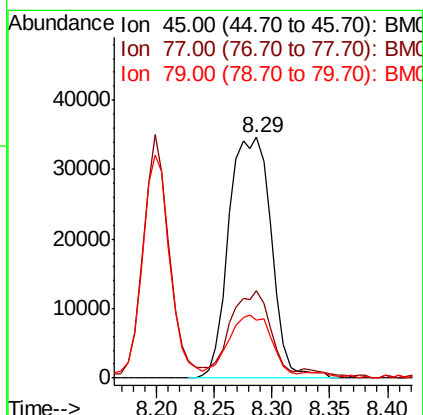
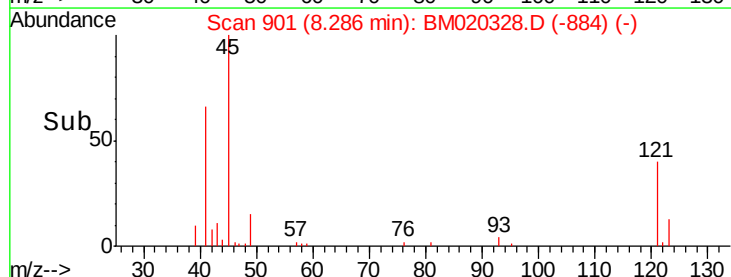
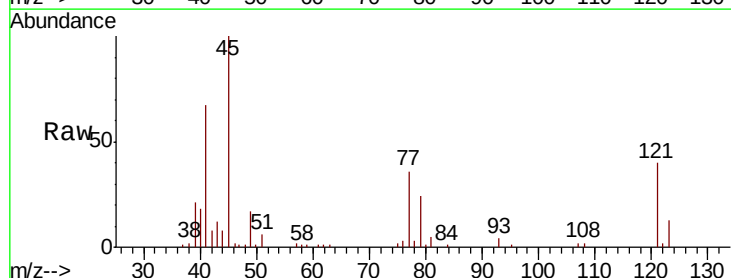
Tgt Ion: 45 Resp: 88359

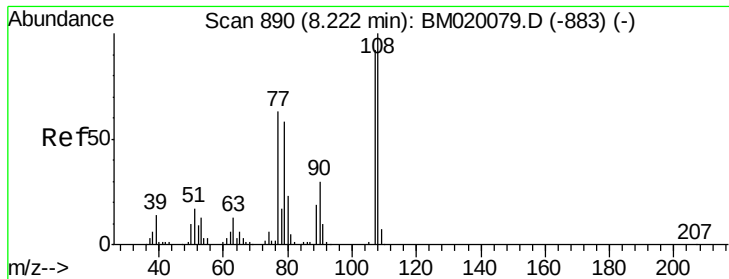
Ion Ratio Lower Upper

45 100

77 36.2 16.2 56.2

79 24.2 4.2 44.2

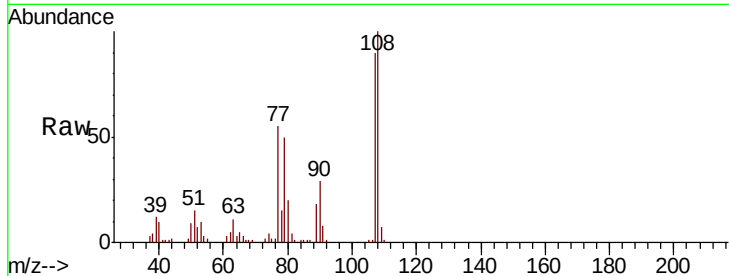




#17
2-Methylphenol
Concen: 41.350 ng
RT: 8.20 min Scan# 886
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	88.8	133.2
77	61.0	48.8	73.2
79	56.0	44.8	67.2



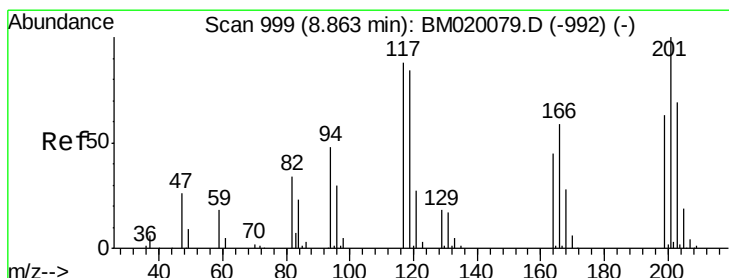
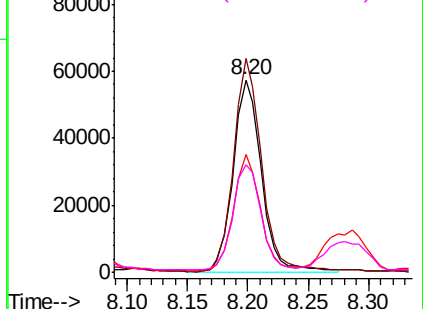
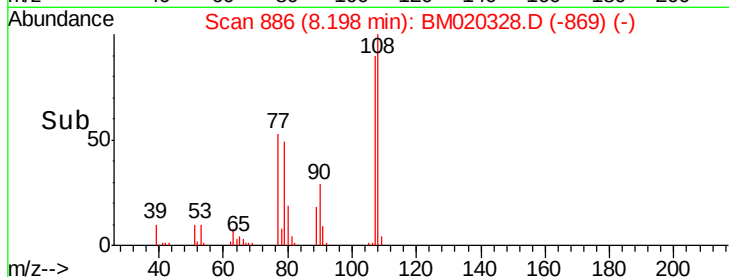
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

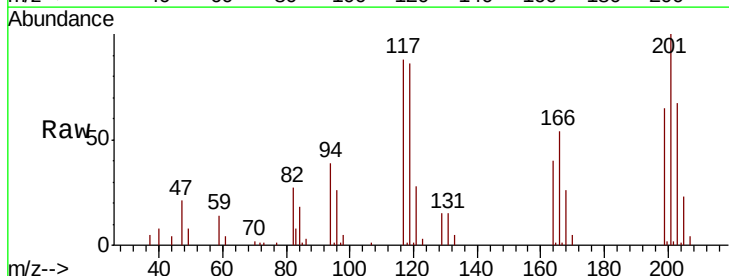
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 42.961 ng
RT: 8.82 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.2	117.2
201	113.8	91.0	136.6

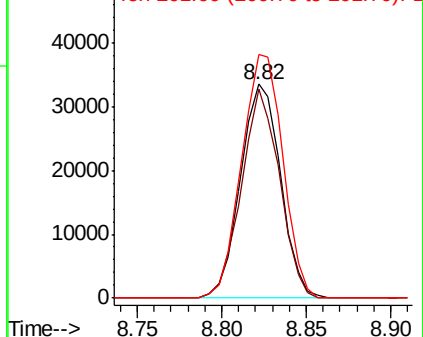
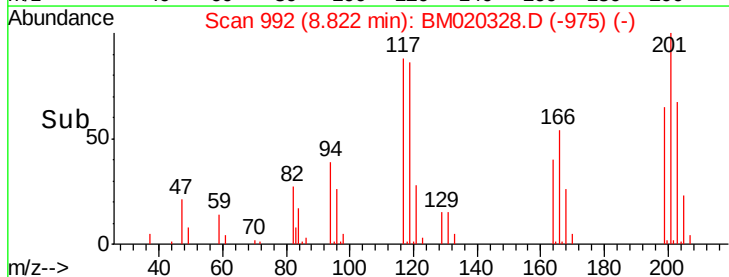


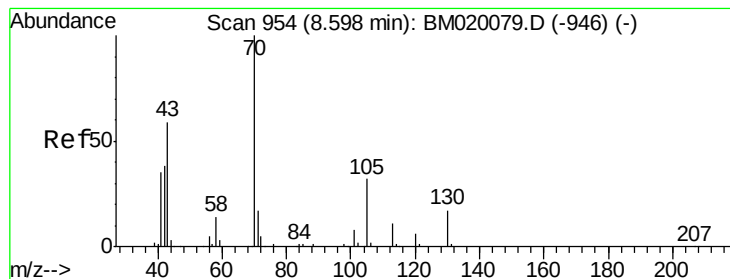
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.199 ng

RT: 8.56 min Scan# 948

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 108169

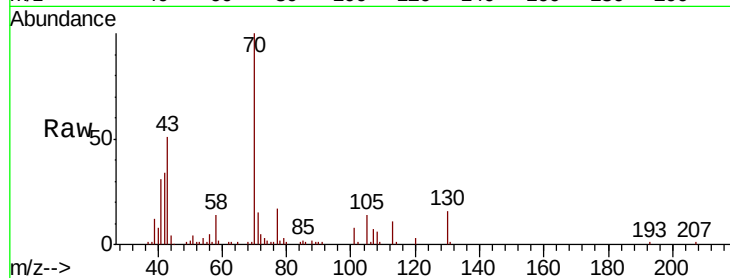
Ion Ratio Lower Upper

70 100

42 33.8 27.0 40.6

101 8.2 6.6 9.8

130 16.1 12.9 19.3

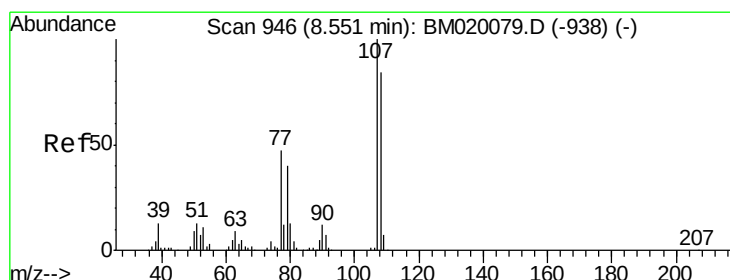
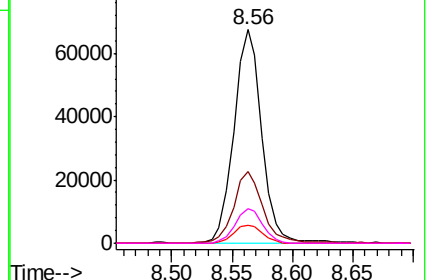
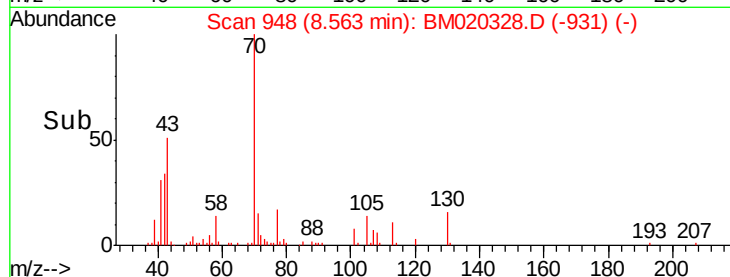


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.521 ng

RT: 8.53 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Tgt Ion:107 Resp: 120477

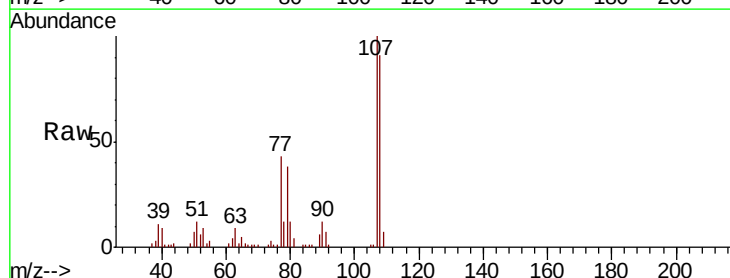
Ion Ratio Lower Upper

107 100

108 91.3 71.3 111.3

77 43.5 23.5 63.5

79 37.8 17.8 57.8

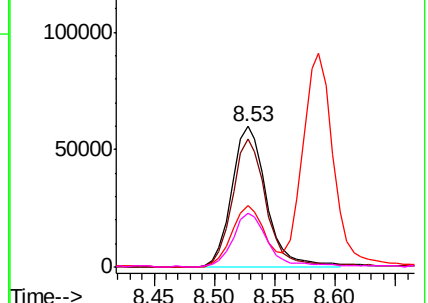
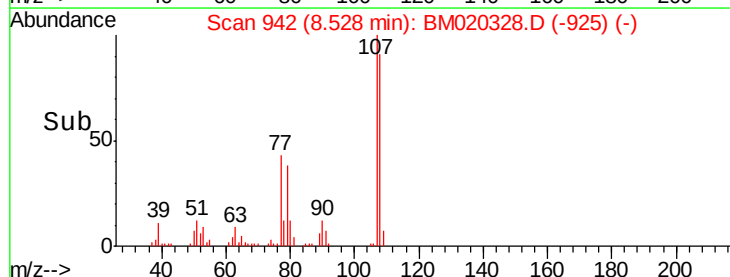


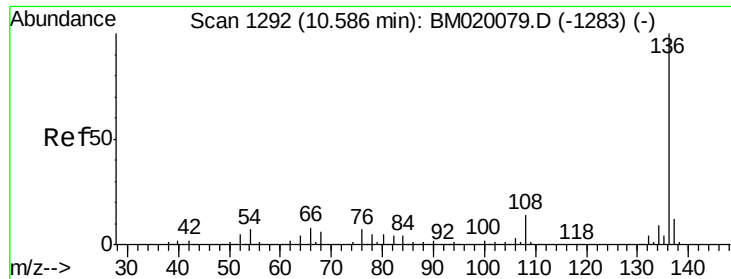
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

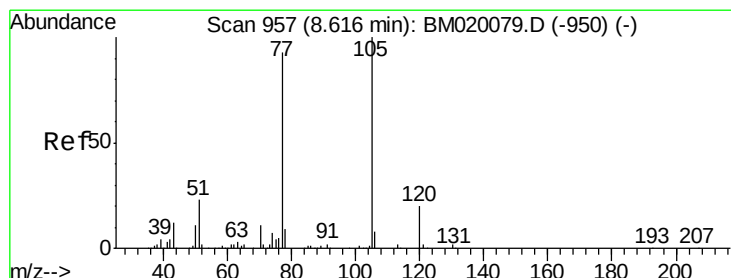
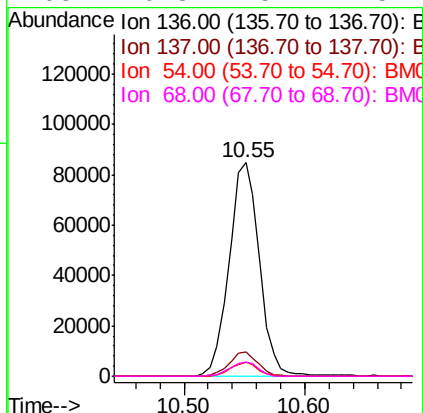
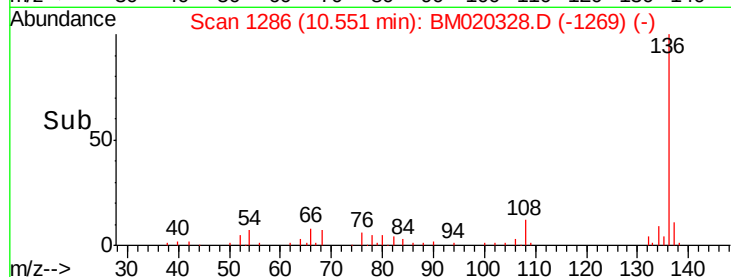
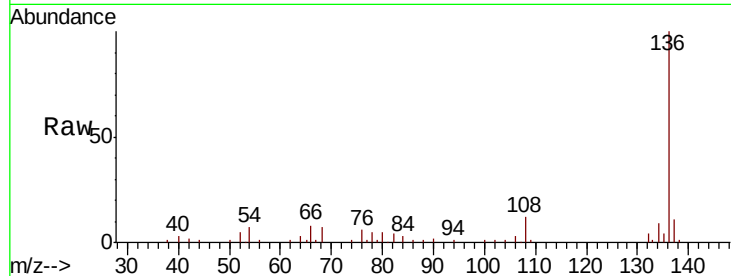




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

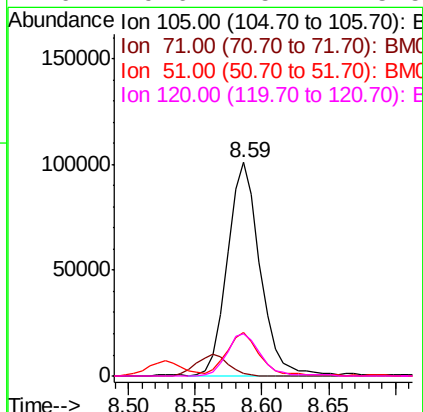
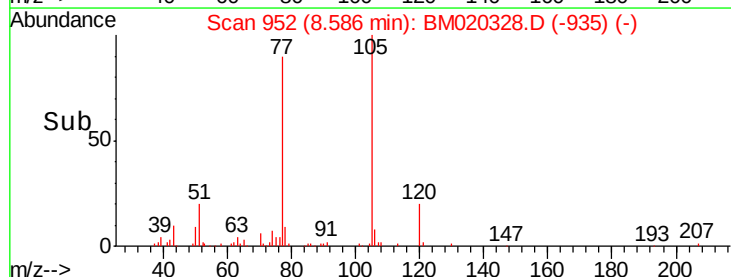
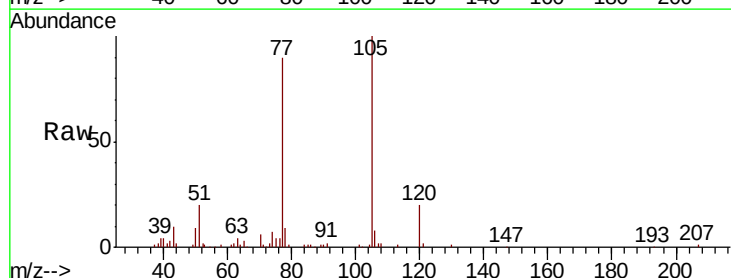
Instrument :
BNA_M
ClientSampleId :

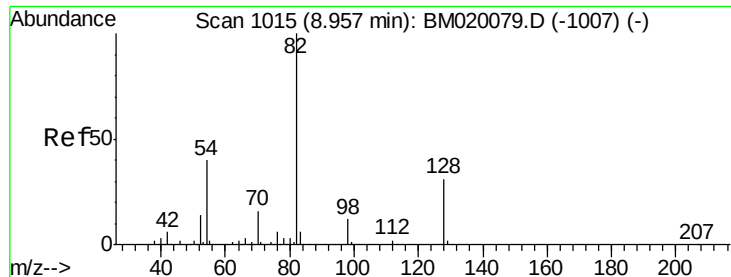
Tot Ion:136	Resp:	147821
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	6.6	5.3 7.9
68	6.8	5.4 8.2



#22
Acetophenone
Concen: 43.027 ng
RT: 8.59 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:105	Resp:	173827
Ion Ratio	Lower	Upper
105	100	
71	1.3	1.0 1.6
51	20.2	16.2 24.2
120	19.6	15.7 23.5

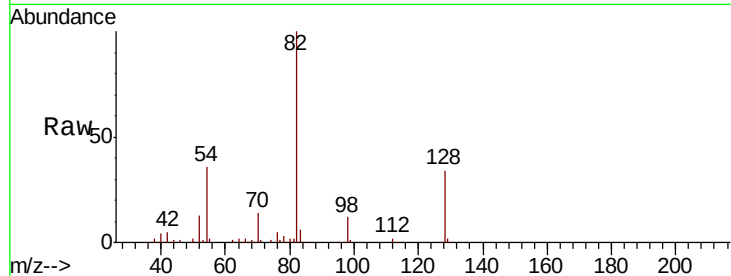




#23
 Nitrobenzene-d5
 Concen: 84.218 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampled :

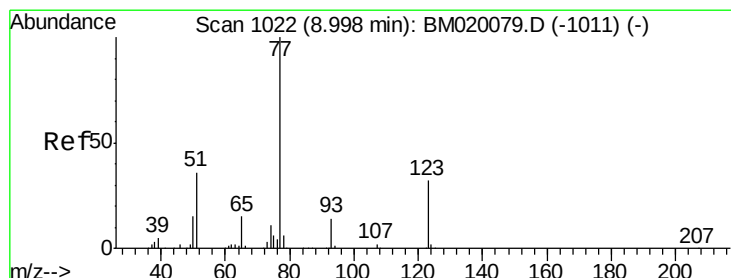
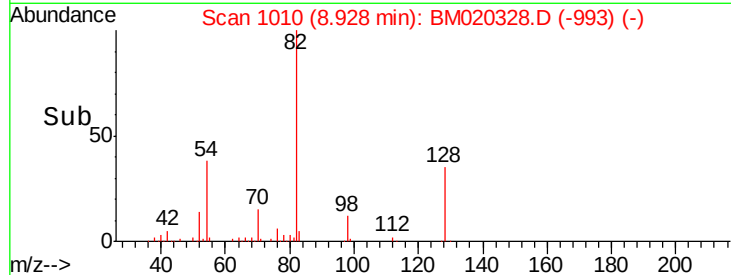
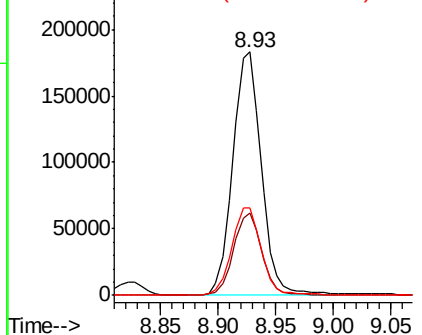
Tot Ion	82	Resp	315329
Ion Ratio	Lower	Upper	
82	100		
128	33.6	26.9	40.3
54	35.8	28.6	43.0



Abundance Ion 82.00 (81.70 to 82.70): BM020328.D (-993) (-)

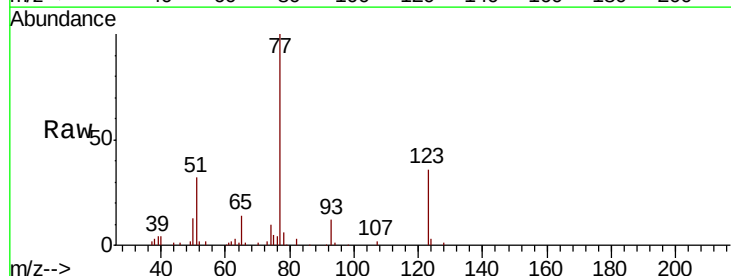
Ion 128.00 (127.70 to 128.70): BM020328.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BM020328.D (-993) (-)



#24
 Nitrobenzene
 Concen: 41.963 ng
 RT: 8.97 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

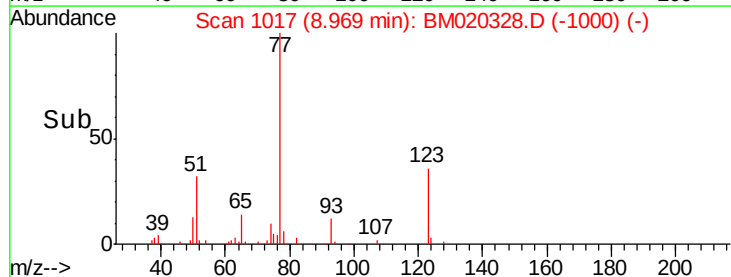
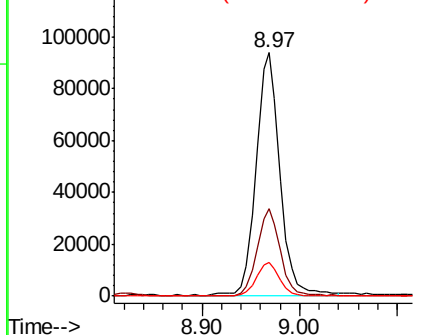
Tgt Ion	77	Resp	162906
Ion Ratio	Lower	Upper	
77	100		
123	35.9	28.7	43.1
65	13.8	11.0	16.6

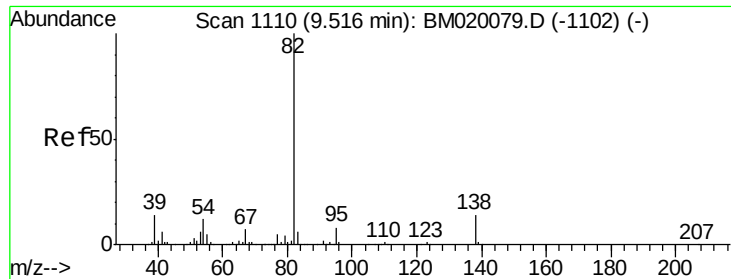


Abundance Ion 77.00 (76.70 to 77.70): BM020328.D (-1000) (-)

Ion 123.00 (122.70 to 123.70): BM020328.D (-1000) (-)

Ion 65.00 (64.70 to 65.70): BM020328.D (-1000) (-)

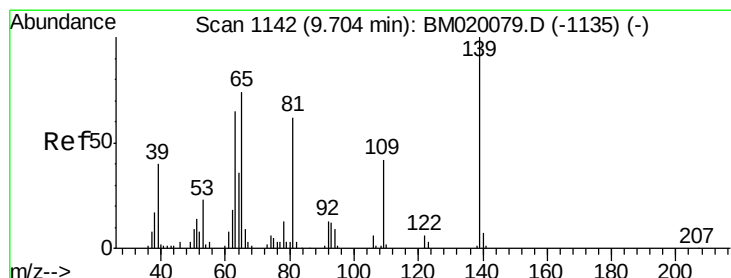
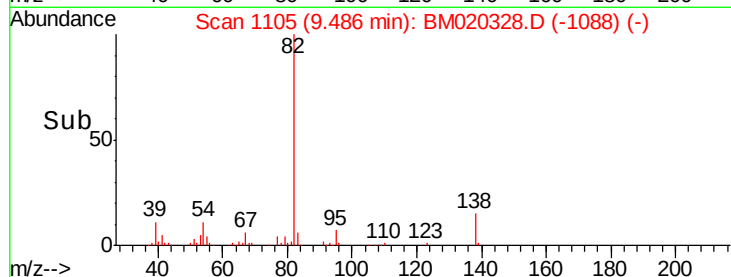
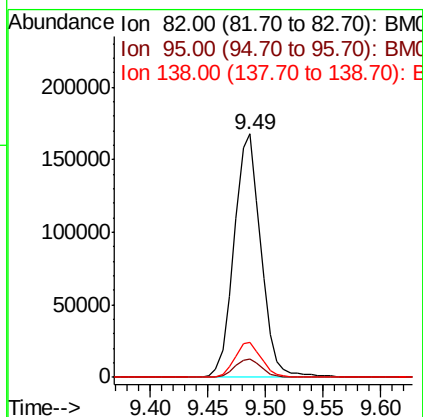
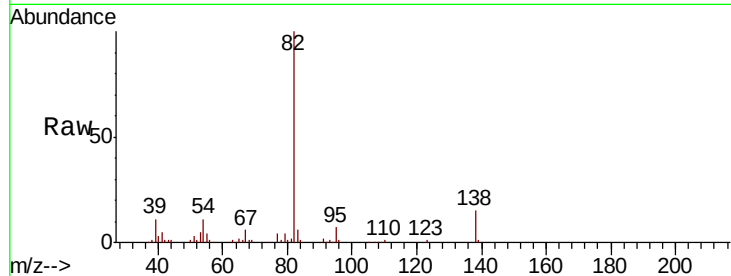




#25
Isophorone
Concen: 41.954 ng
RT: 9.49 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

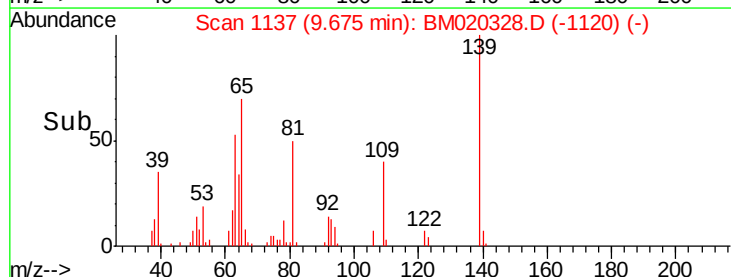
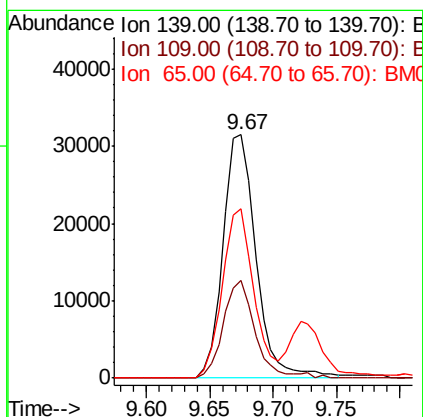
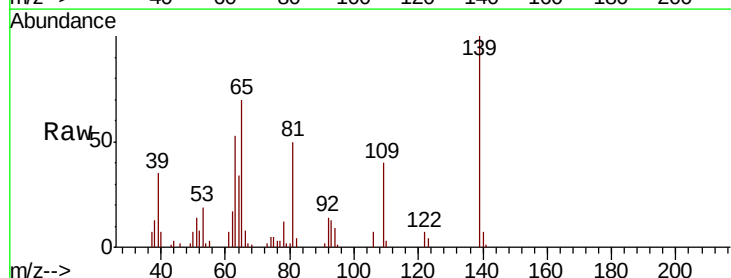
Instrument :
BNA_M
ClientSampleId :

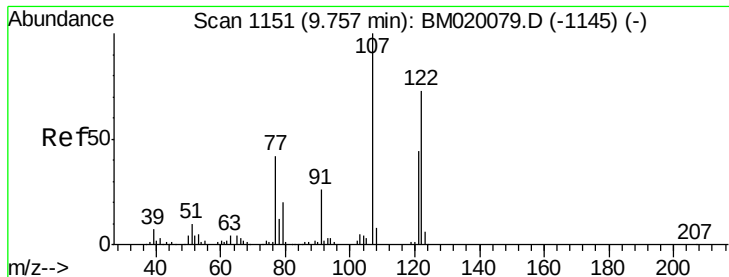
Tot Ion: 82 Resp: 270891
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 14.5 11.6 17.4



#26
2-Nitrophenol
Concen: 48.574 ng
RT: 9.67 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion: 139 Resp: 56929
Ion Ratio Lower Upper
139 100
109 40.3 32.2 48.4
65 69.8 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 40.100 ng

RT: 9.73 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

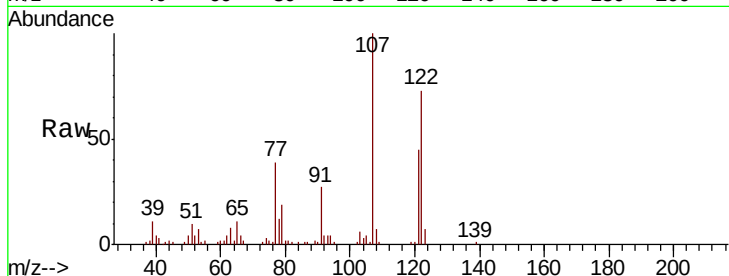
Tot Ion:122 Resp: 78244

Ion Ratio Lower Upper

122 100

107 137.7 110.2 165.2

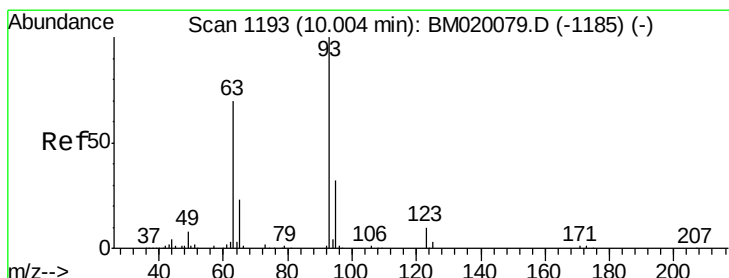
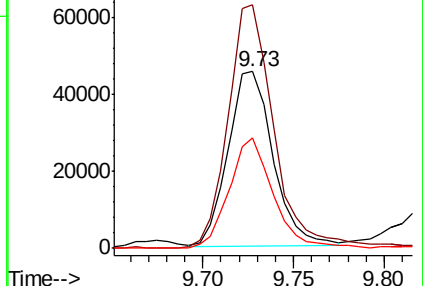
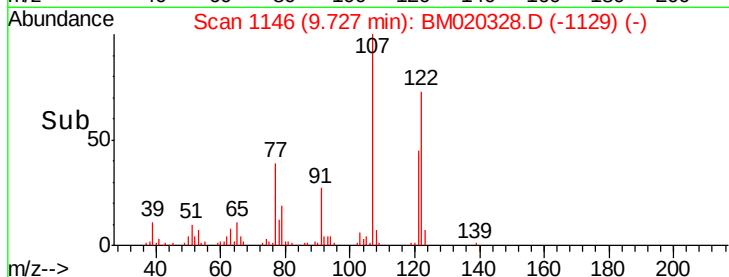
121 62.6 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.053 ng

RT: 9.97 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

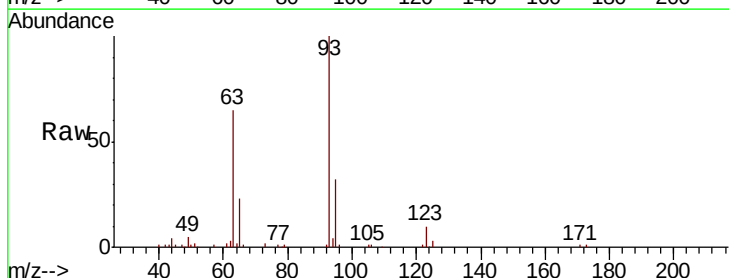
Tgt Ion: 93 Resp: 151402

Ion Ratio Lower Upper

93 100

95 31.6 25.3 37.9

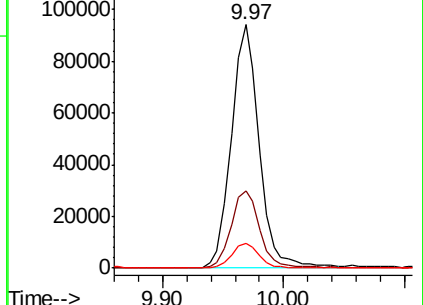
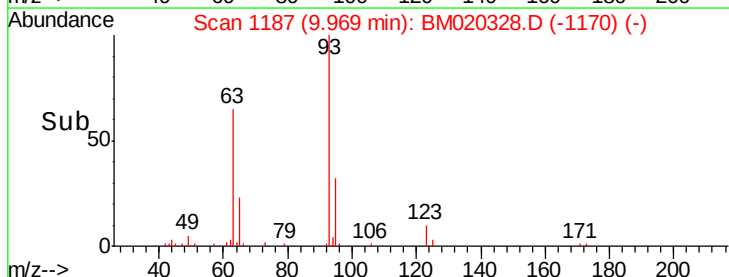
123 10.4 8.3 12.5

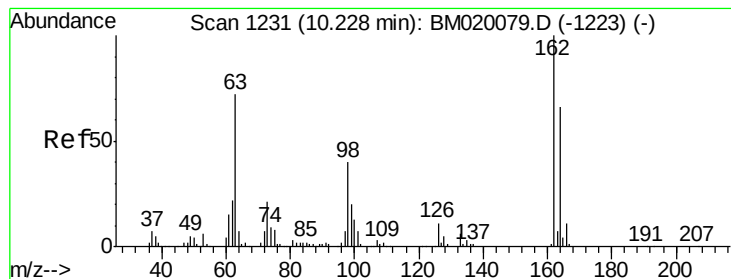


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.627 ng

RT: 10.20 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

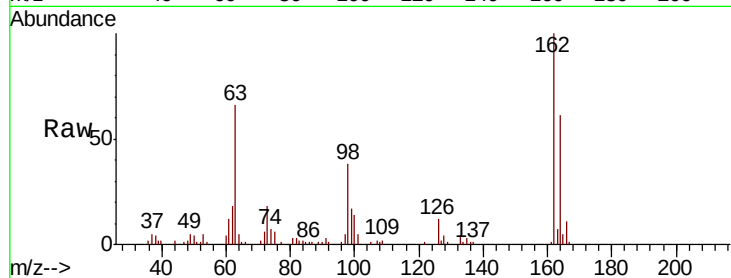
Tot Ion:162 Resp: 104879

Ion Ratio Lower Upper

162 100

164 61.1 41.1 81.1

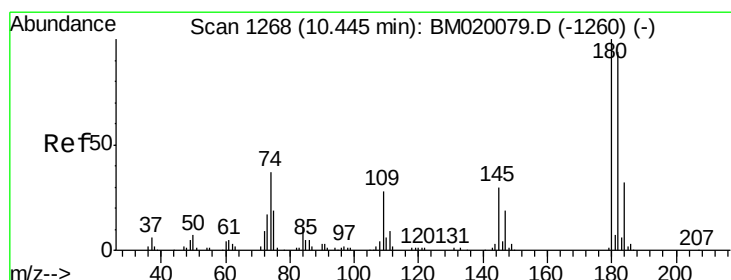
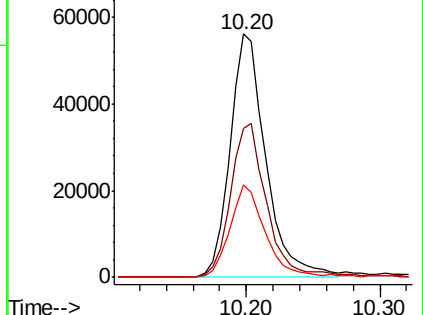
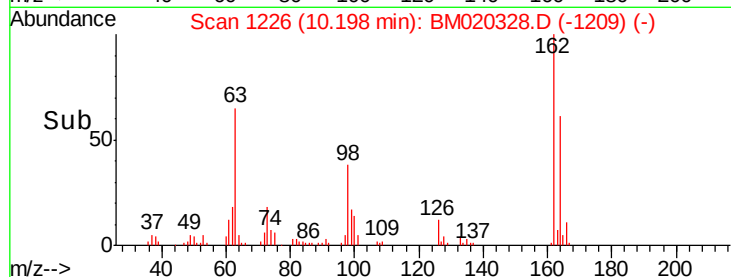
98 38.0 18.0 58.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 44.126 ng

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

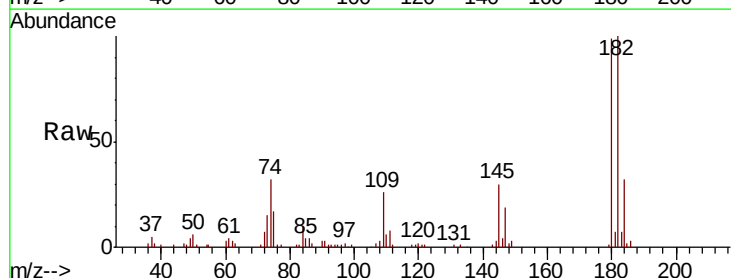
Tgt Ion:180 Resp: 133589

Ion Ratio Lower Upper

180 100

182 100.8 80.6 121.0

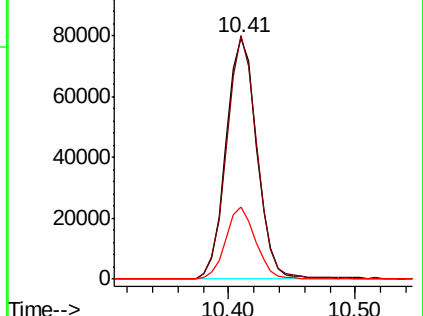
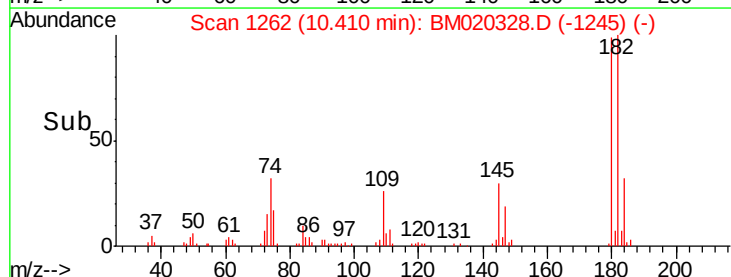
145 29.7 23.8 35.6

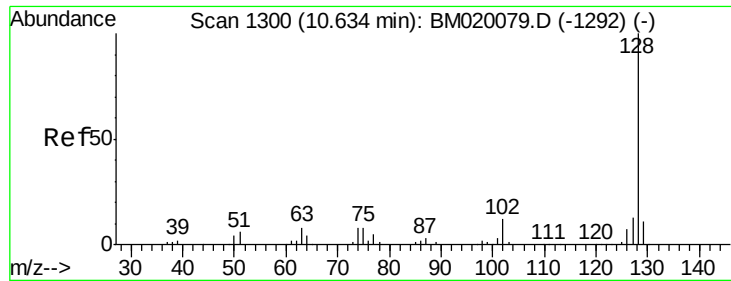


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

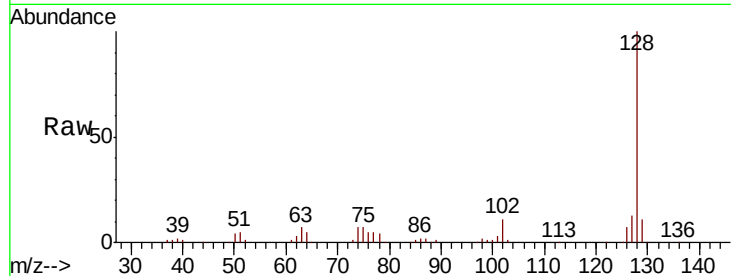




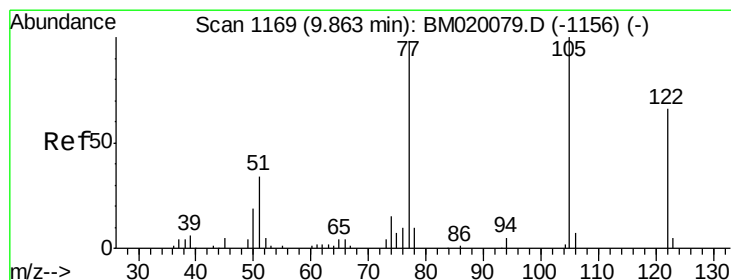
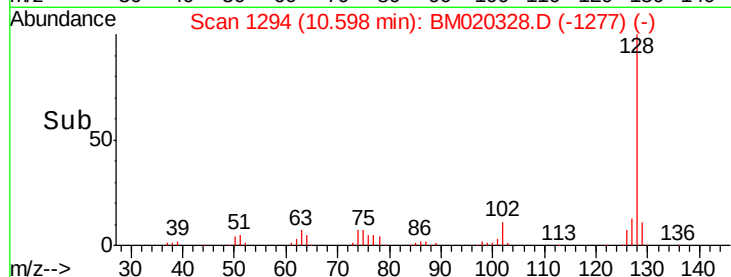
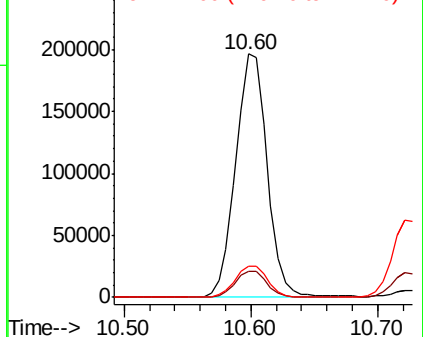
#31
Naphthalene
Concen: 44.151 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 338679
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.7 10.2 15.2

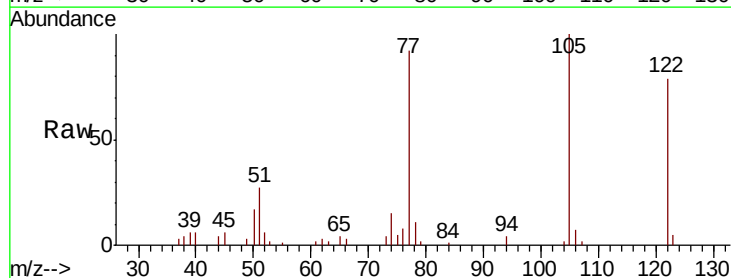


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

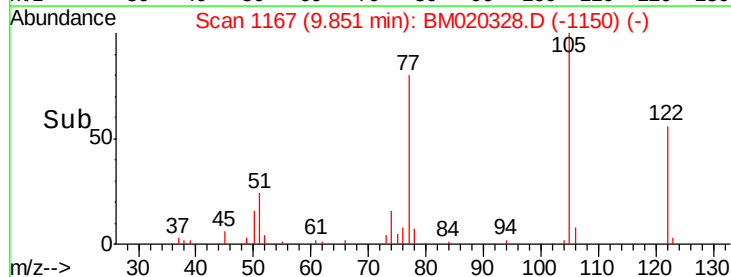
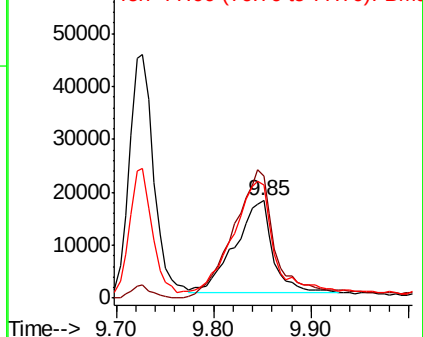


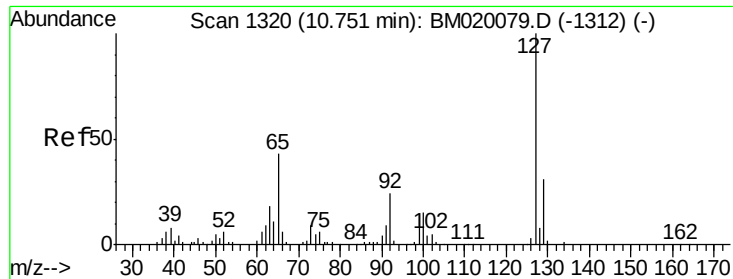
#32
Benzoic acid
Concen: 35.709 ng
RT: 9.85 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:122 Resp: 46849
Ion Ratio Lower Upper
122 100
105 126.0 106.0 146.0
77 116.3 96.3 136.3



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

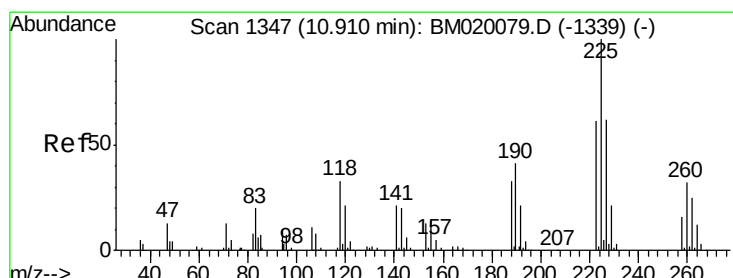
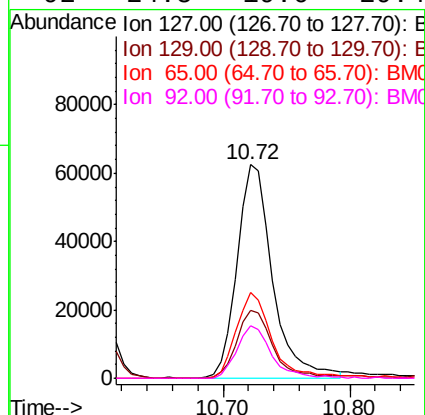
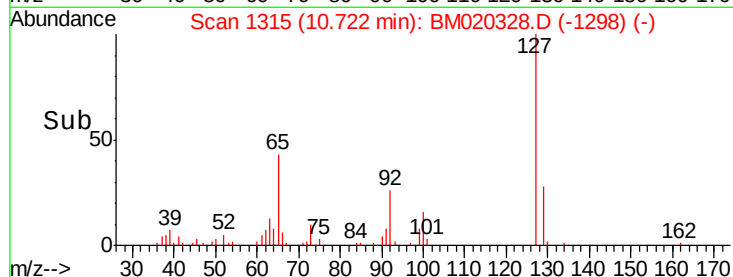
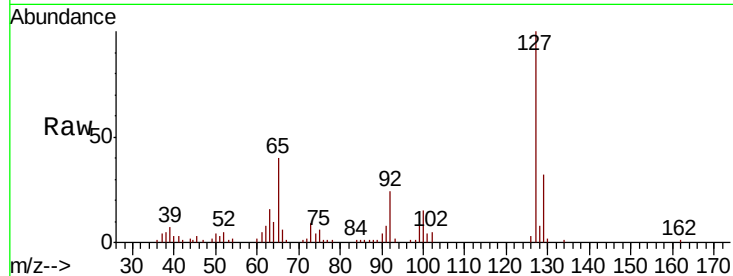




#33
4-Chloroaniline
Concen: 38.523 ng
RT: 10.72 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

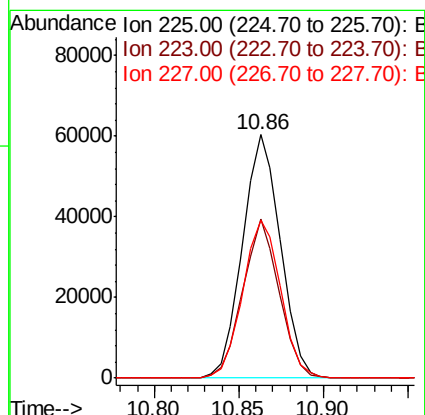
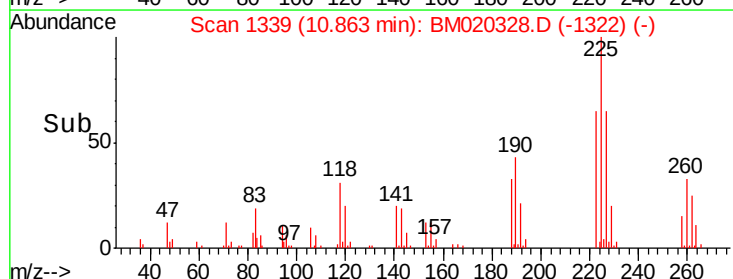
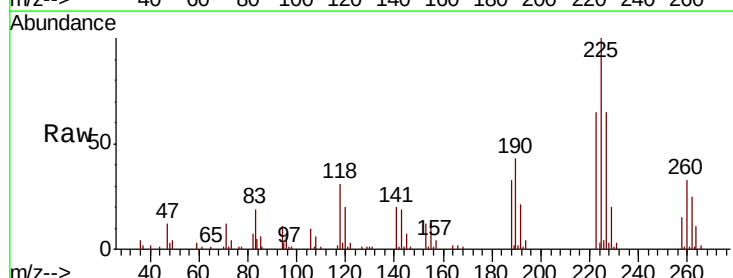
Instrument :
BNA_M
ClientSampled :

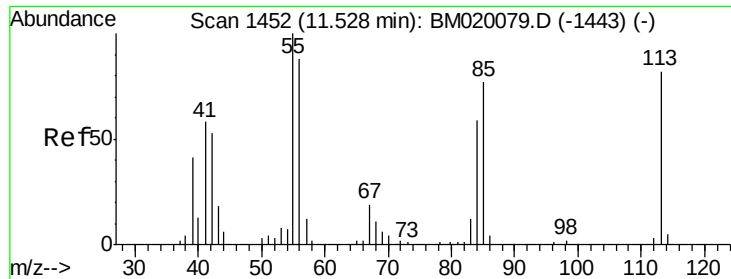
Tot Ion:	127	Resp:	121629
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	40.3	32.2	48.4
92	24.5	19.6	29.4



#34
Hexachlorobutadiene
Concen: 43.990 ng
RT: 10.86 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:	225	Resp:	94210
Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.2	78.4
227	64.9	51.9	77.9





#35

Caprolactam

Concen: 40.333 ng

RT: 11.52 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

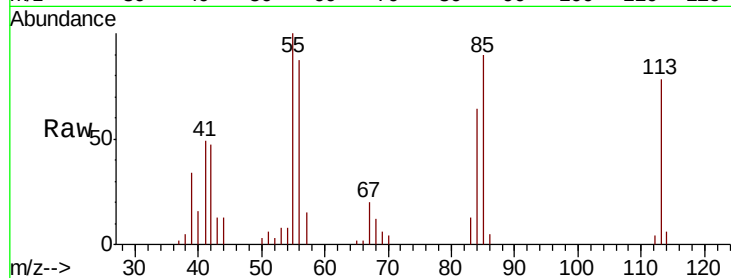
Tot Ion:113 Resp: 29673

Ion Ratio Lower Upper

113 100

55 128.6 108.6 148.6

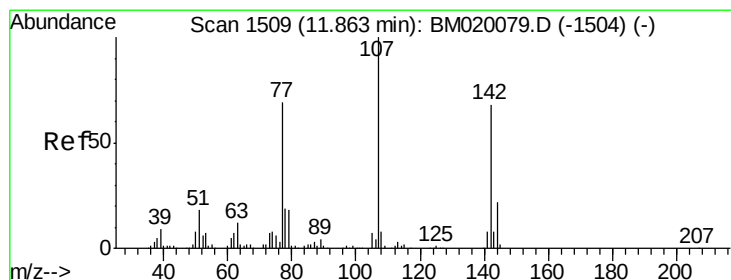
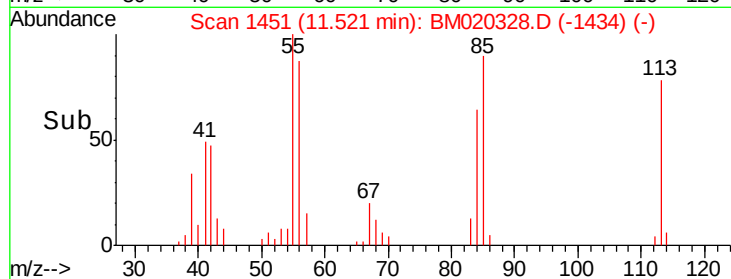
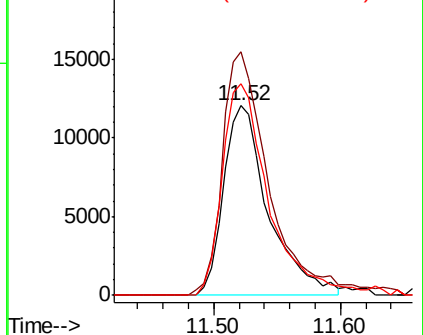
56 111.6 91.6 131.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.255 ng

RT: 11.84 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

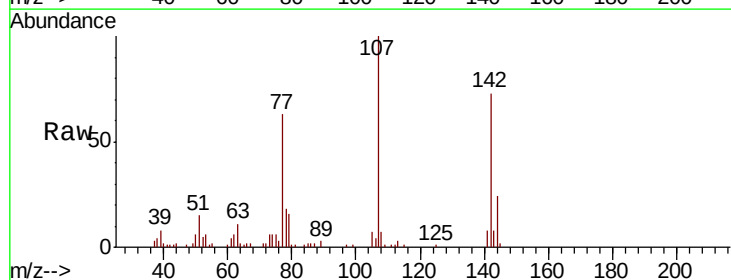
Tgt Ion:107 Resp: 113501

Ion Ratio Lower Upper

107 100

144 23.8 19.0 28.6

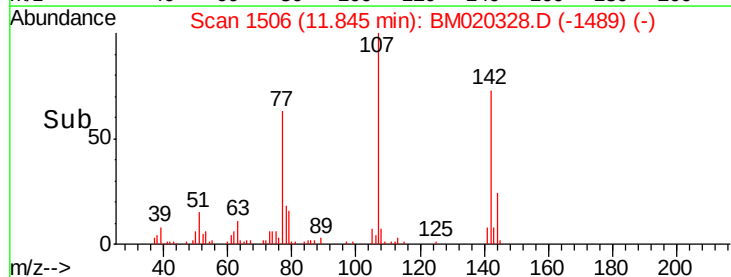
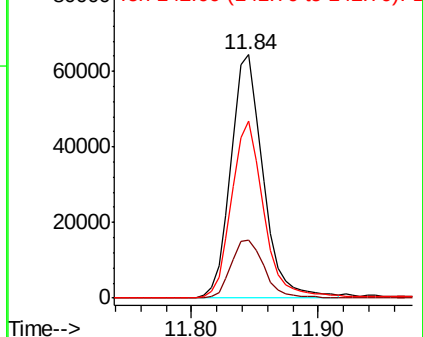
142 72.6 58.1 87.1

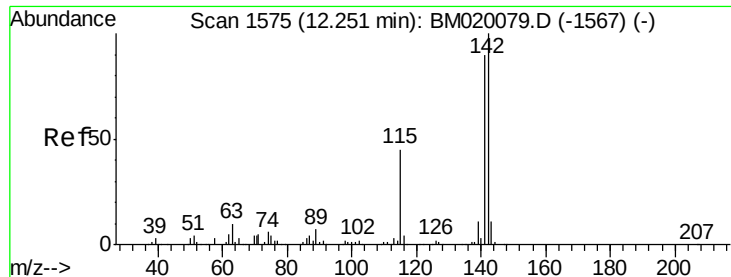


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

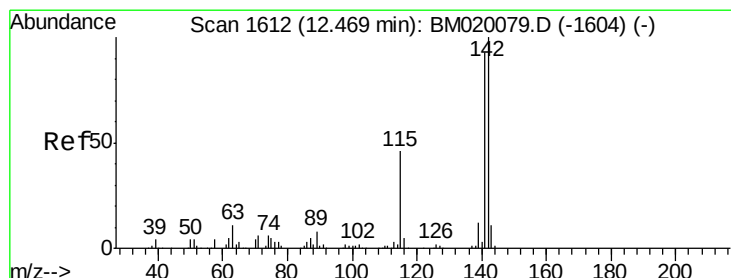
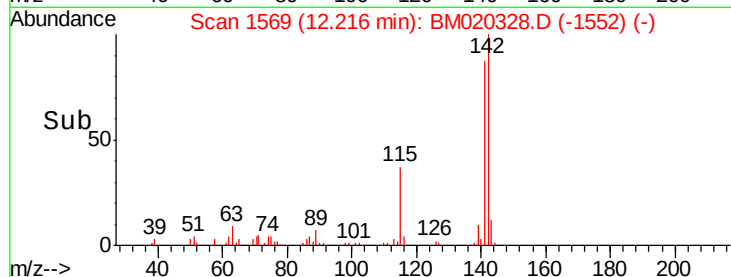
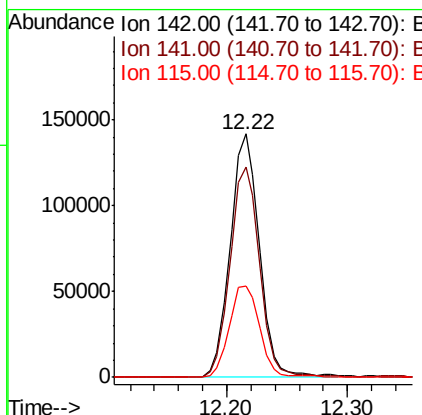
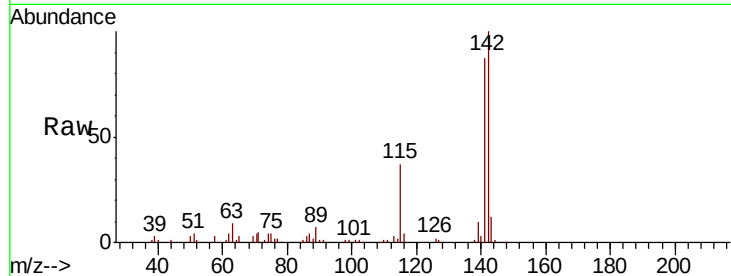




#37
2-Methylnaphthalene
Concen: 42.786 ng
RT: 12.22 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

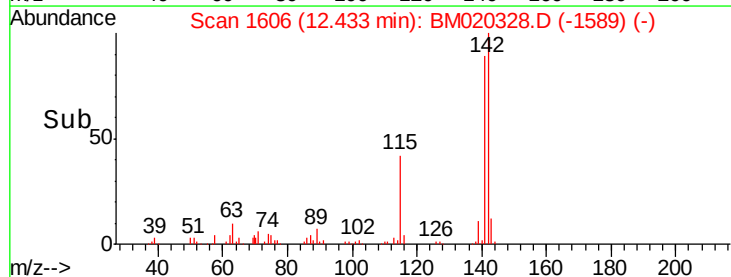
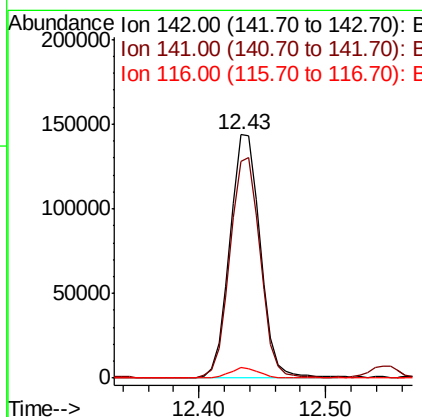
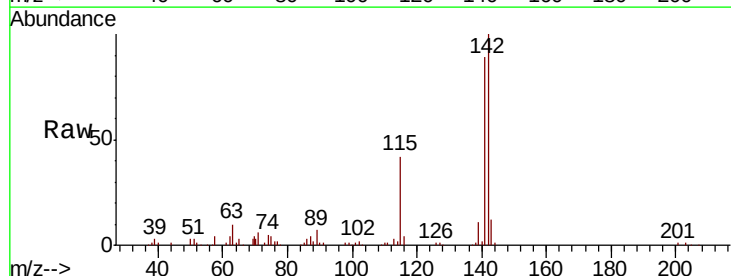
Instrument :
BNA_M
ClientSampleId :

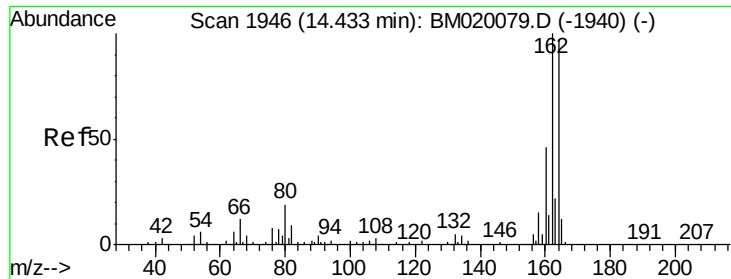
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.2	103.8
115	37.5	30.0	45.0



#38
1-Methylnaphthalene
Concen: 43.734 ng
RT: 12.43 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7
116	4.3	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

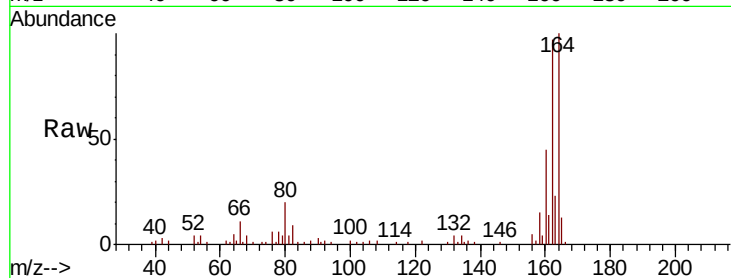
Tot Ion:164 Resp: 89118

Ion Ratio Lower Upper

164 100

162 96.9 77.5 116.3

160 44.7 35.8 53.6

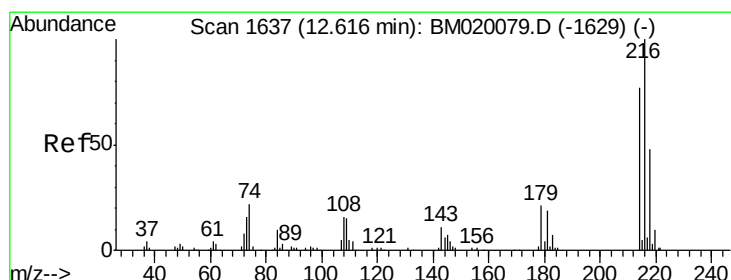
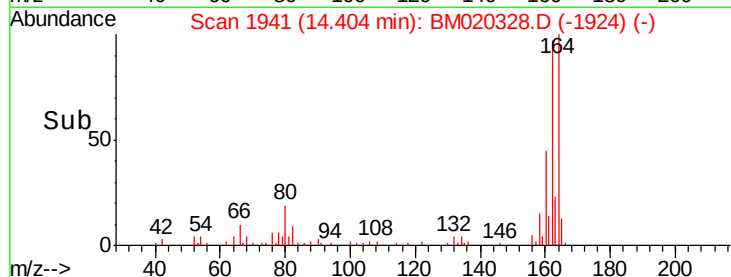
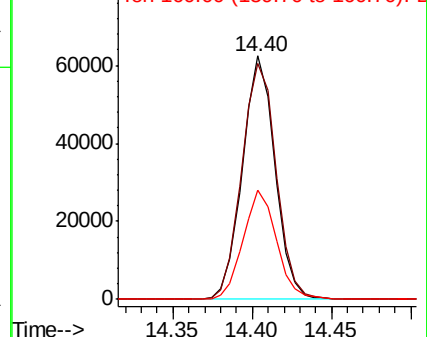


Abundance

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: 44.876 ng

RT: 12.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Tgt Ion:216 Resp: 156468

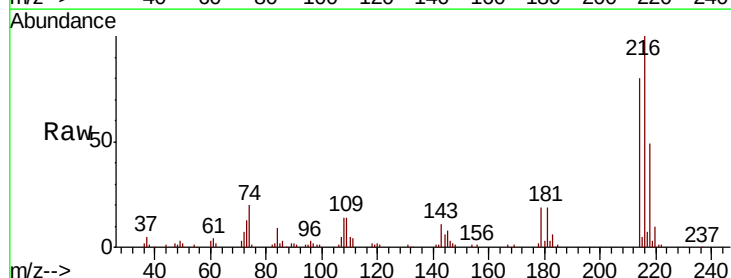
Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.4

179 19.2 15.4 23.0

108 17.0 13.6 20.4



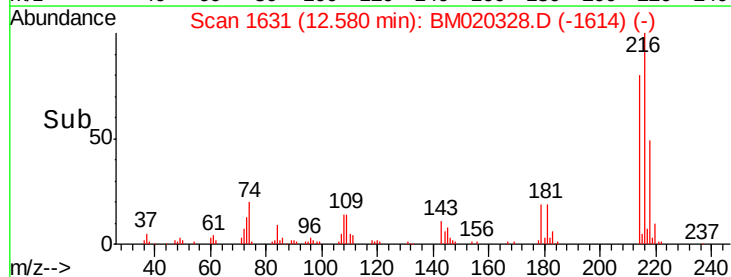
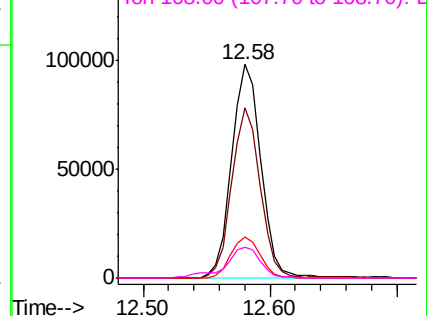
Abundance

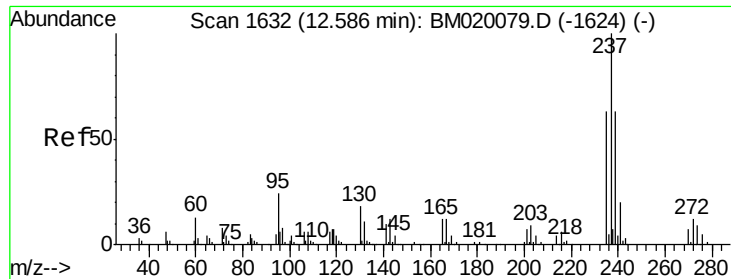
Ion 216.00 (215.70 to 216.70): E

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: 47.521 ng

RT: 12.54 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

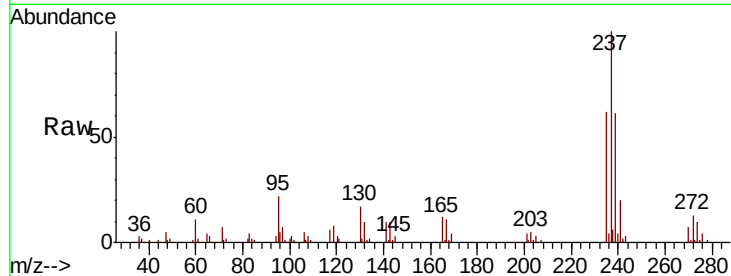
Tot Ion:237 Resp: 97559

Ion Ratio Lower Upper

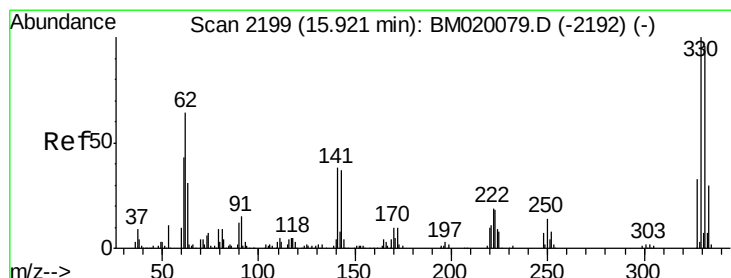
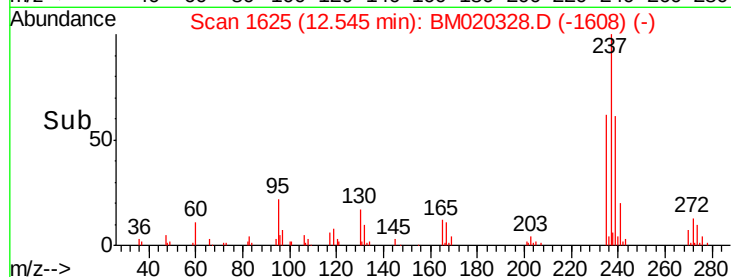
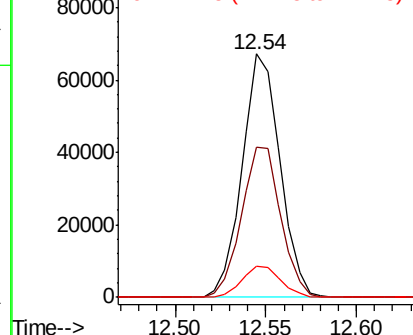
237 100

235 61.9 41.9 81.9

272 13.0 0.0 33.0



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: 93.470 ng

RT: 15.90 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

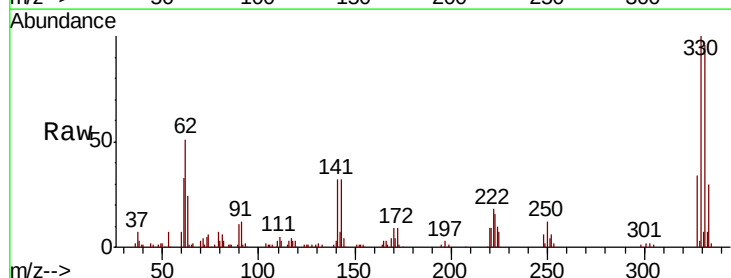
Tgt Ion:330 Resp: 129295

Ion Ratio Lower Upper

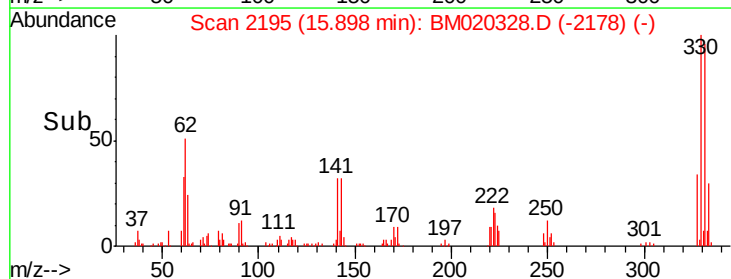
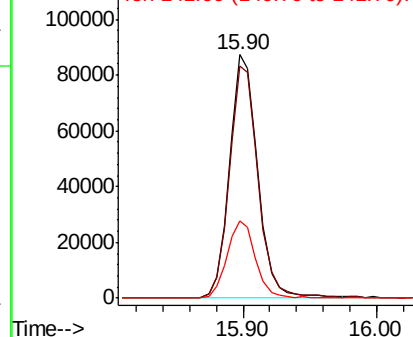
330 100

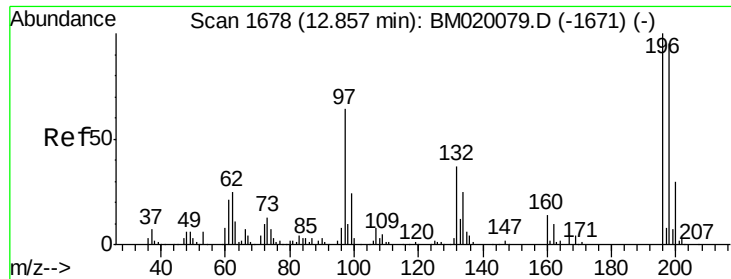
332 97.0 77.6 116.4

141 32.0 25.7 38.5



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

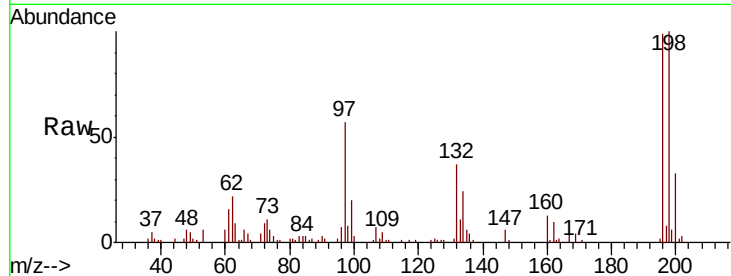




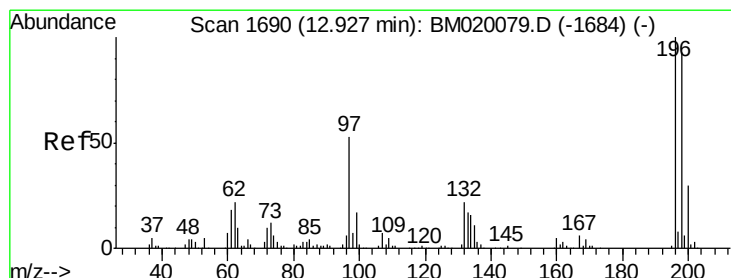
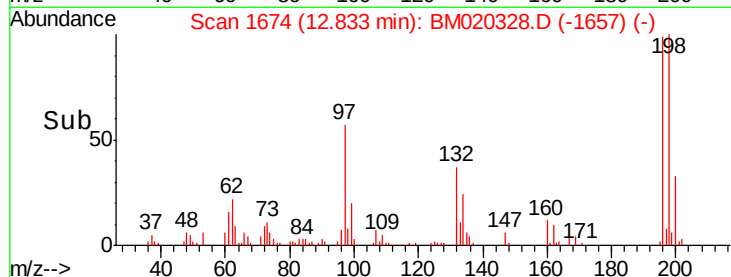
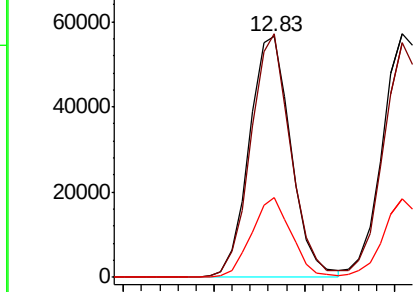
#43
 2,4,6-Trichlorophenol
 Concen: 45.717 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 90591
 Ion Ratio Lower Upper
 196 100
 198 101.1 80.9 121.3
 200 33.2 26.6 39.8



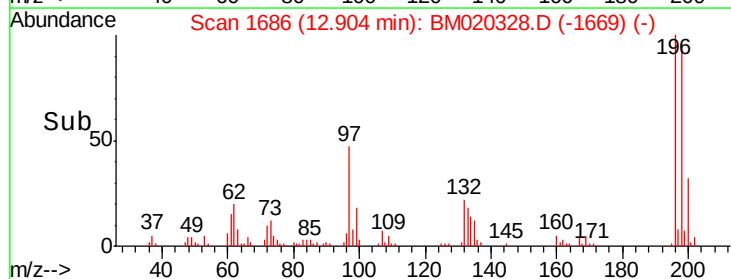
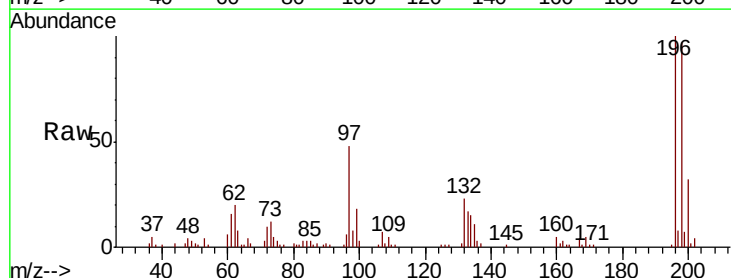
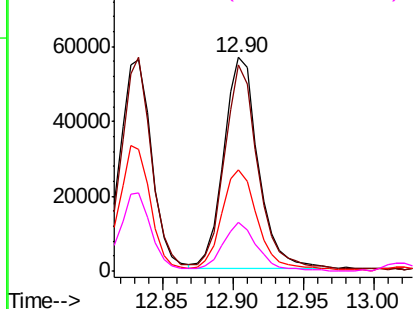
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

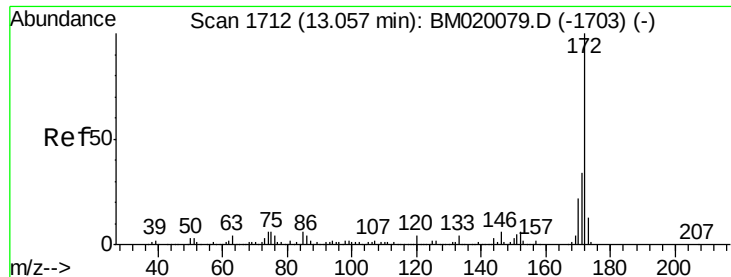


#44
 2,4,5-Trichlorophenol
 Concen: 43.229 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:196 Resp: 95696
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.3 115.9
 97 47.6 38.1 57.1
 132 22.8 18.2 27.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

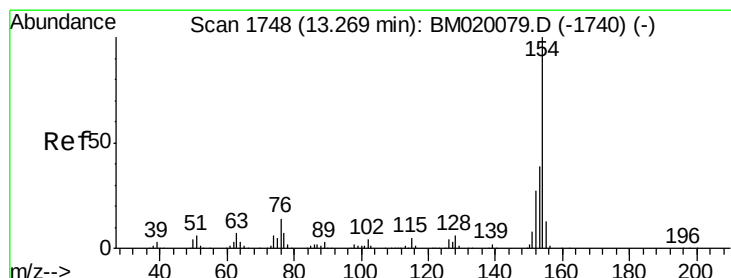
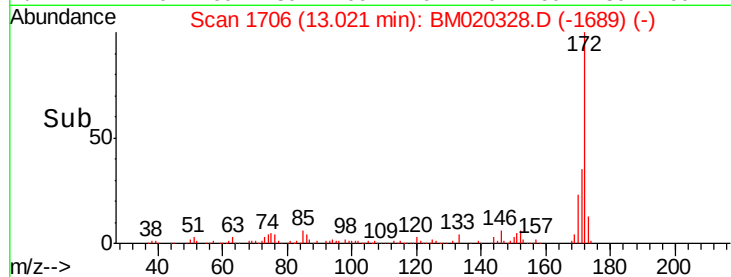
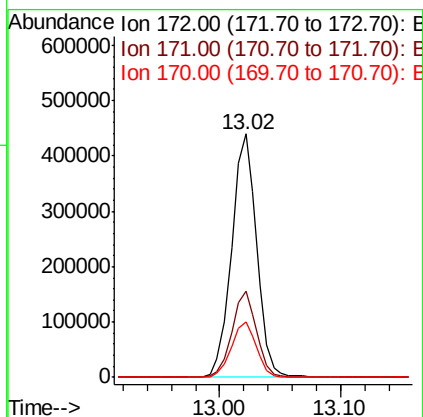
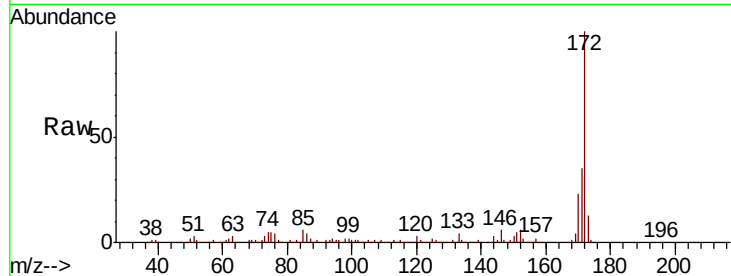




#45
 2-Fluorobiphenyl
 Concen: 87.693 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

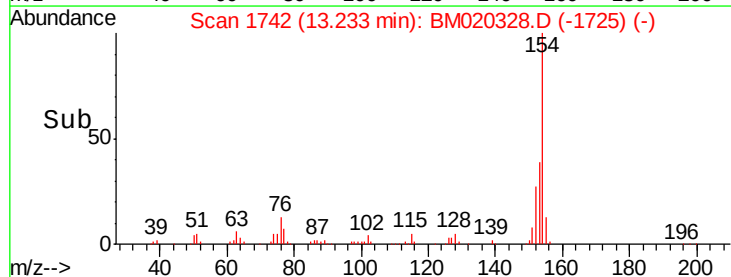
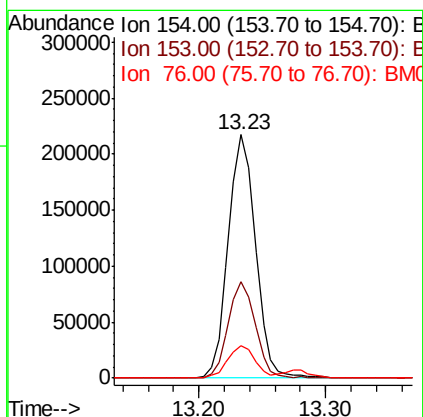
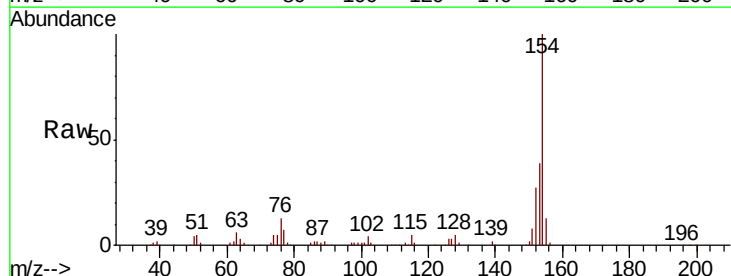
Instrument :
 BNA_M
 ClientSampleID :

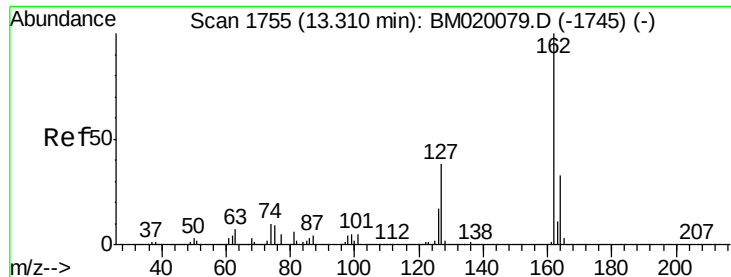
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	22.9	18.3	27.5



#46
 1,1'-Biphenyl
 Concen: 44.355 ng
 RT: 13.23 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.4	59.4
76	13.5	0.0	33.5

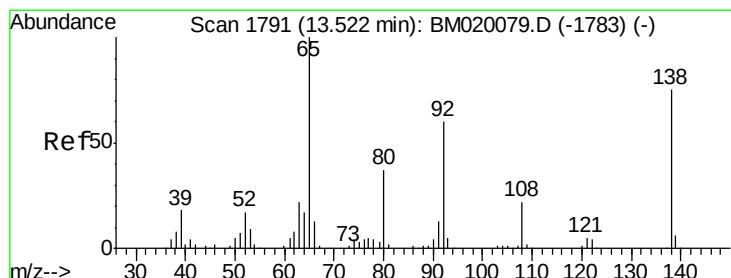
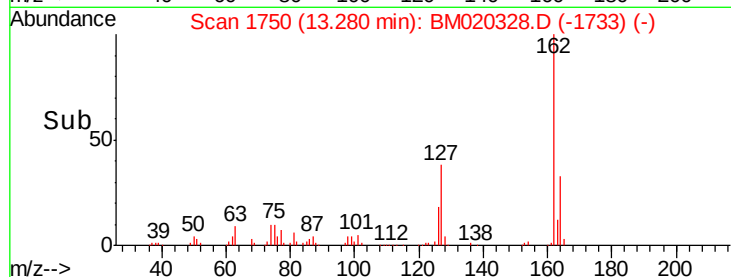
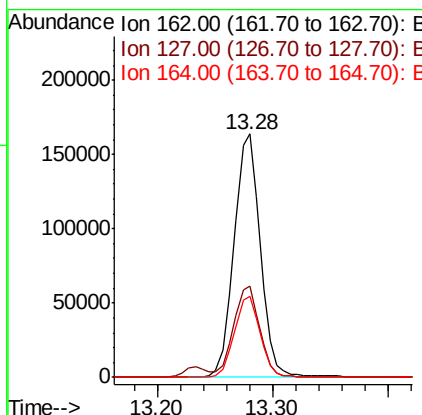
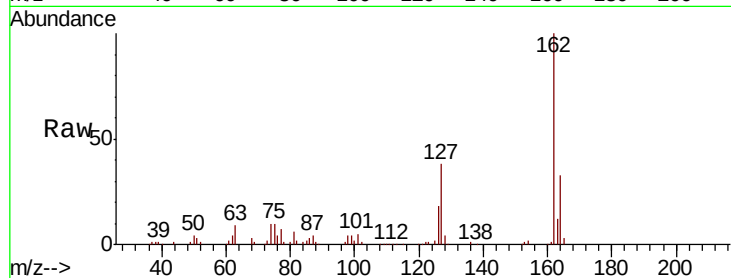




#47
 2-Chloronaphthalene
 Concen: 44.103 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

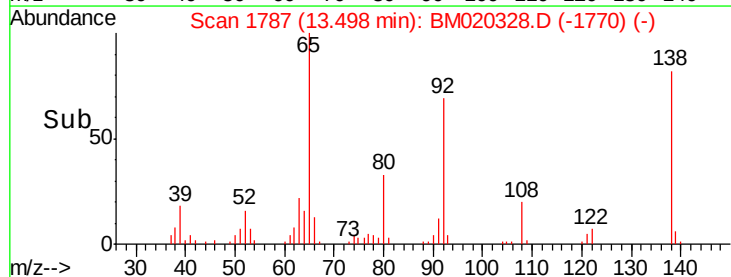
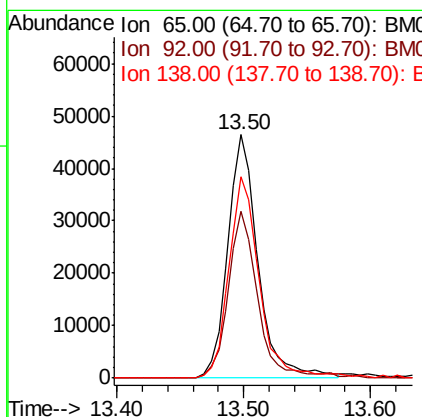
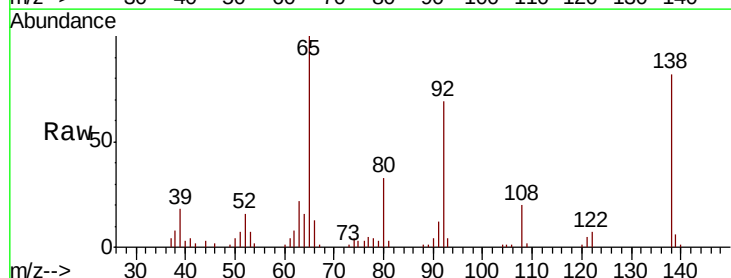
Instrument :
 BNA_M
 ClientSampleId :

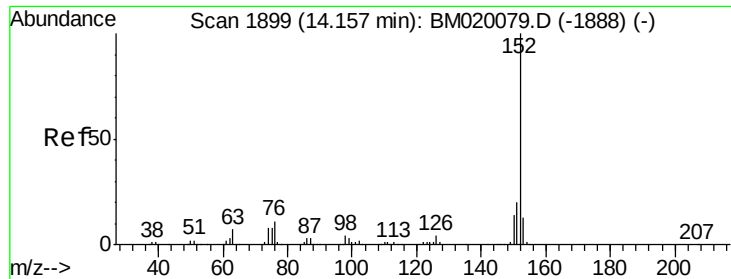
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.2	45.2
164	33.1	26.5	39.7



#48
 2-Nitroaniline
 Concen: 36.734 ng
 RT: 13.50 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.8	82.2
138	82.5	66.0	99.0





#49

Acenaphthylene

Concen: 44.168 ng

RT: 14.13 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

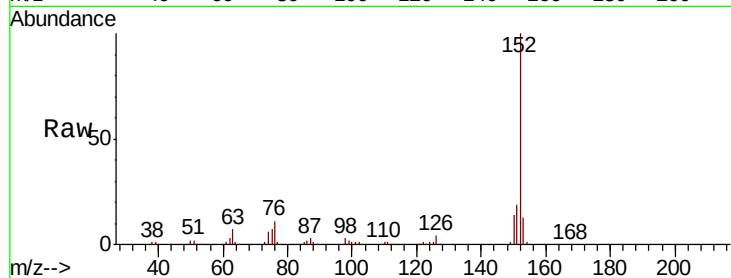
Tot Ion:152 Resp: 413981

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3

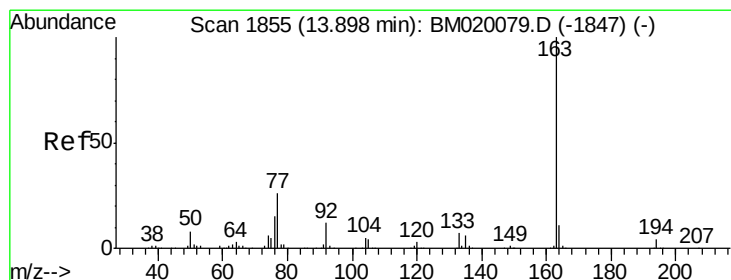
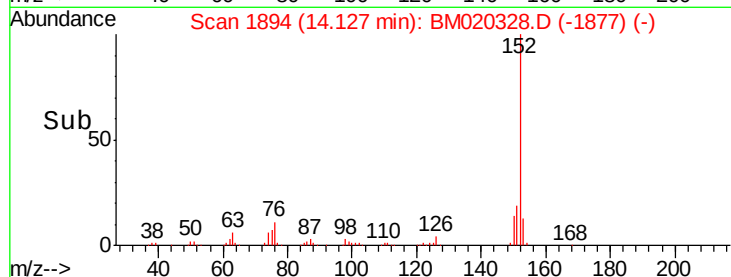
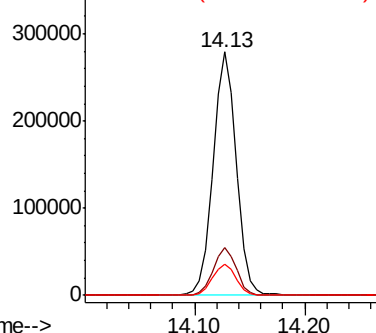
153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.735 ng

RT: 13.86 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

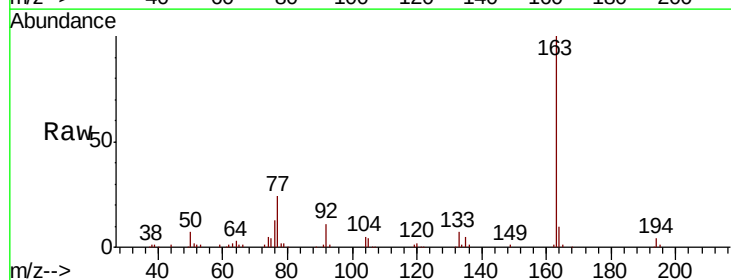
Tgt Ion:163 Resp: 323686

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

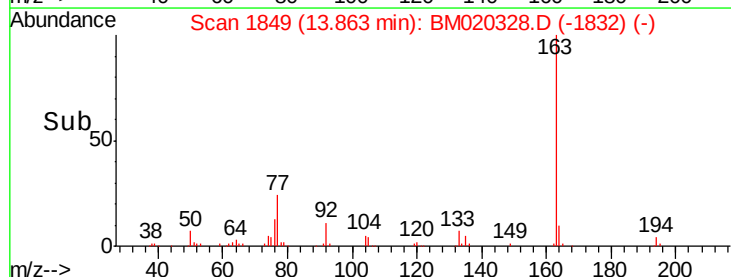
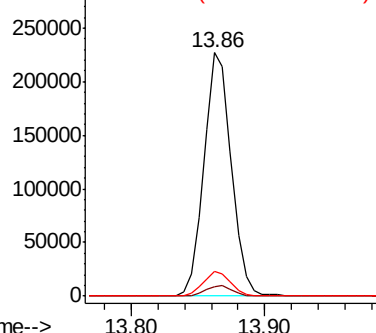
164 10.2 8.2 12.2

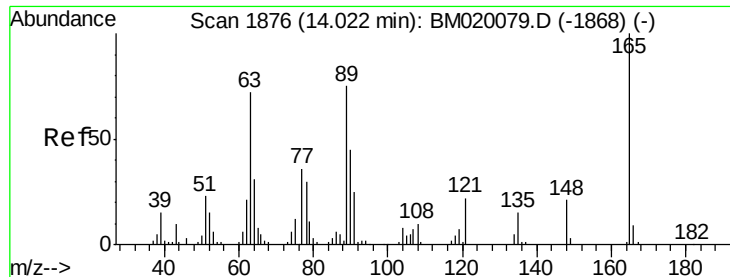


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.729 ng

RT: 13.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

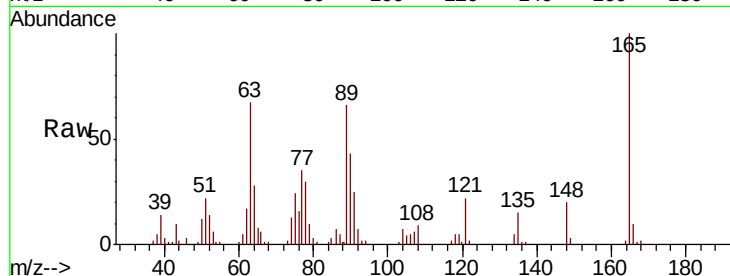
Tot Ion:165 Resp: 69761

Ion Ratio Lower Upper

165 100

63 67.0 53.6 80.4

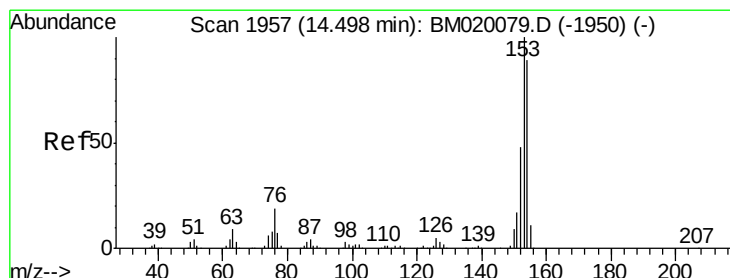
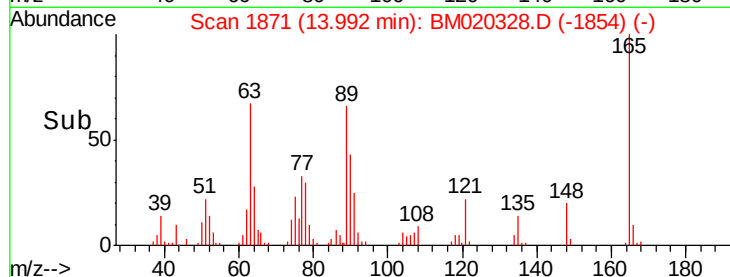
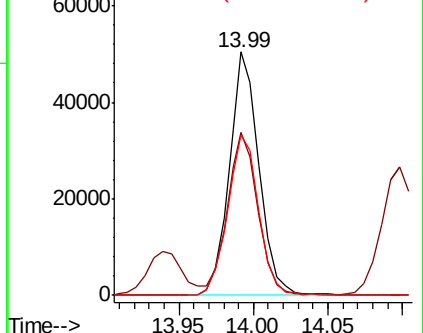
89 65.8 52.6 79.0



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: 43.735 ng

RT: 14.47 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

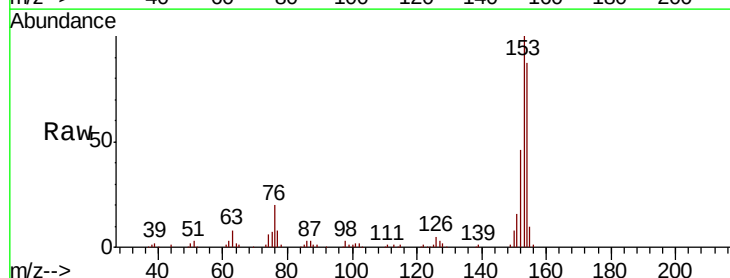
Tgt Ion:154 Resp: 235072

Ion Ratio Lower Upper

154 100

153 114.6 91.7 137.5

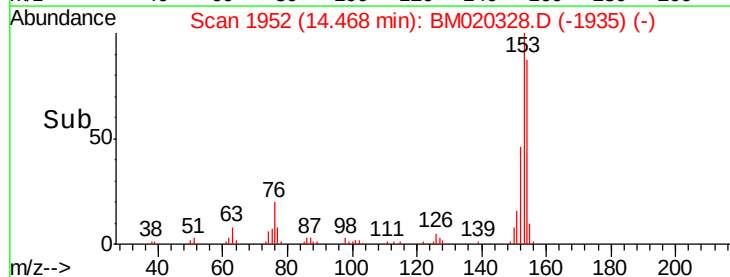
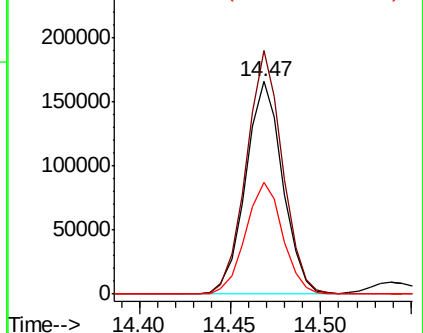
152 52.6 42.1 63.1

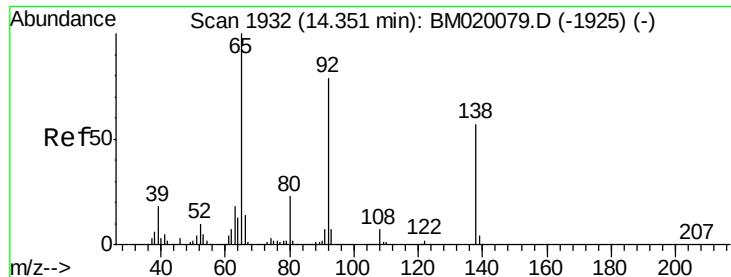


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

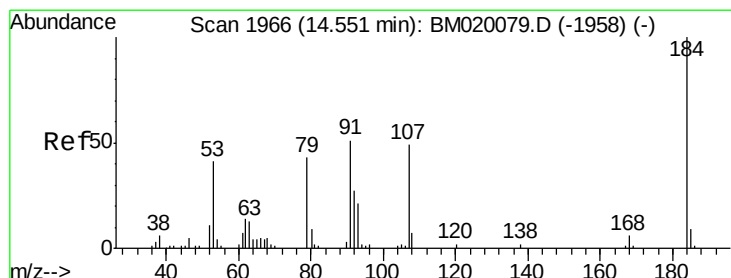
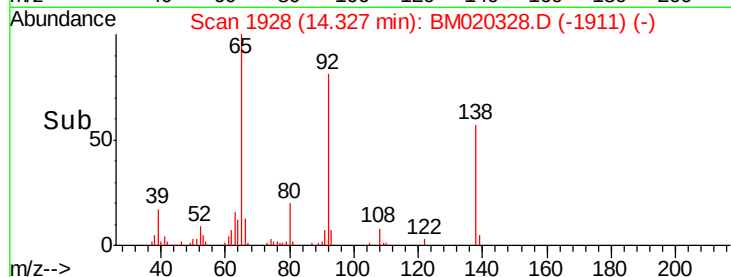
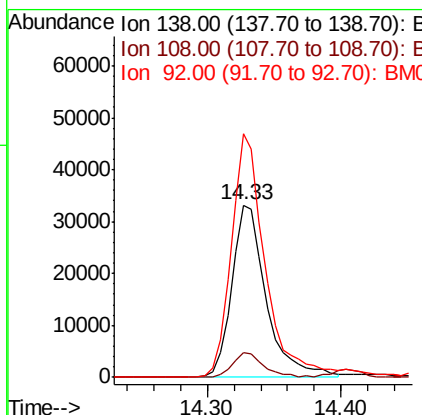
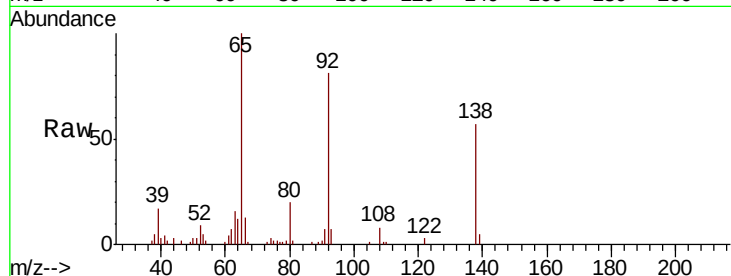




#53
 3-Nitroaniline
 Concen: 40.178 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

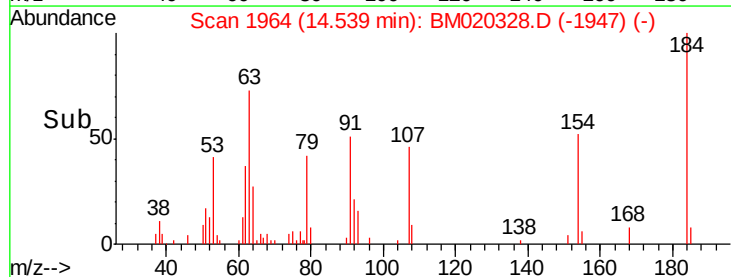
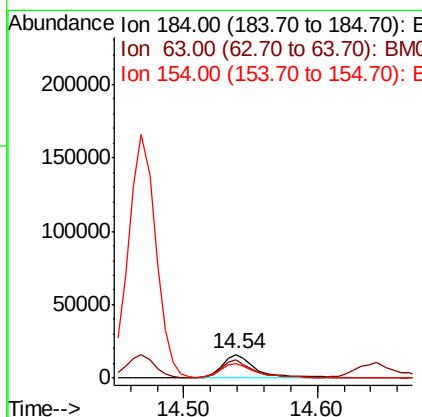
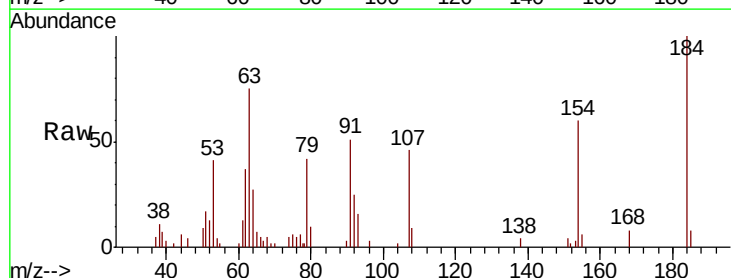
Instrument :
 BNA_M
 ClientSampled :

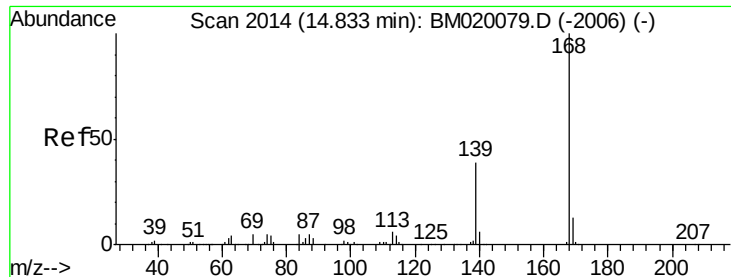
Tot Ion:138 Resp: 59489
 Ion Ratio Lower Upper
 138 100
 108 14.2 11.4 17.0
 92 141.4 113.1 169.7



#54
 2,4-Dinitrophenol
 Concen: 40.883 ng
 RT: 14.54 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:184 Resp: 28967
 Ion Ratio Lower Upper
 184 100
 63 75.2 60.2 90.2
 154 59.9 47.9 71.9

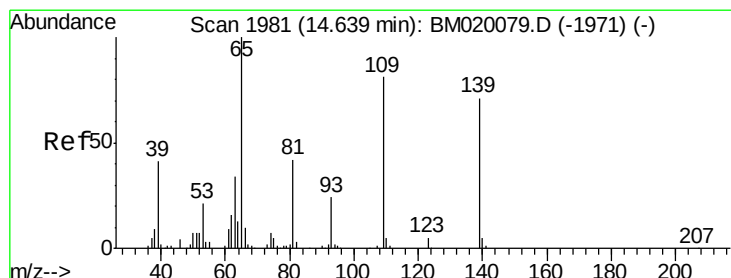
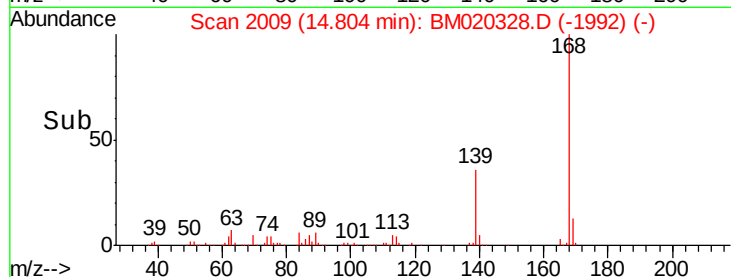
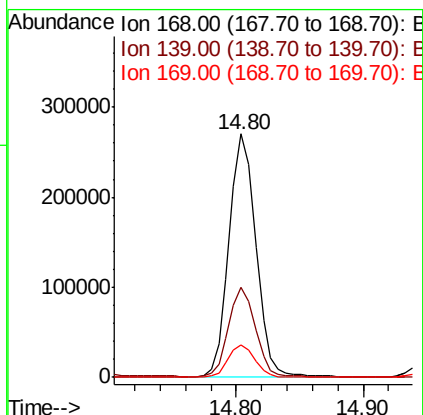
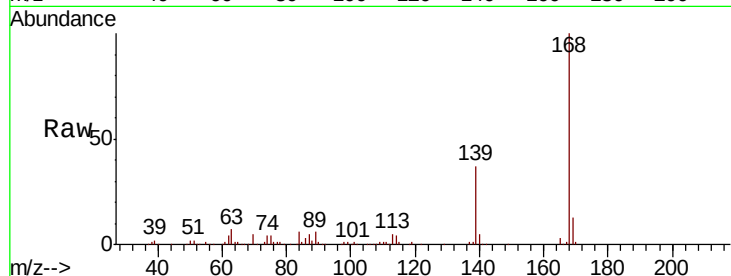




#55
Dibenzofuran
Concen: 43.981 ng
RT: 14.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

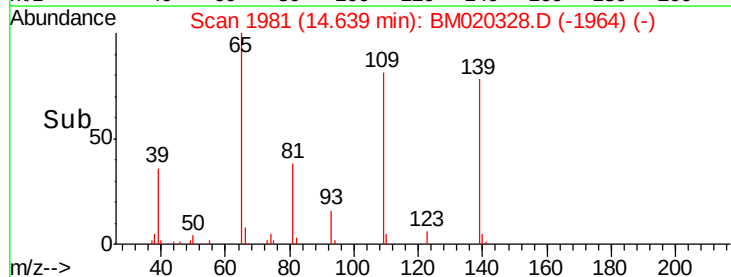
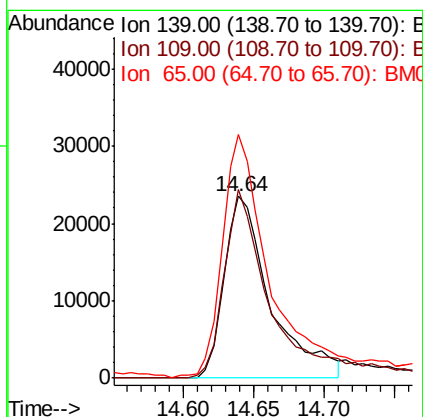
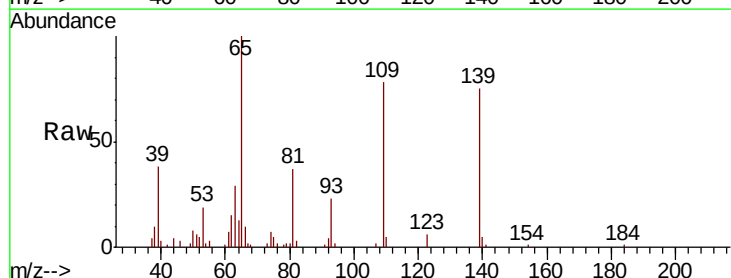
Instrument :
BNA_M
ClientSampleId :

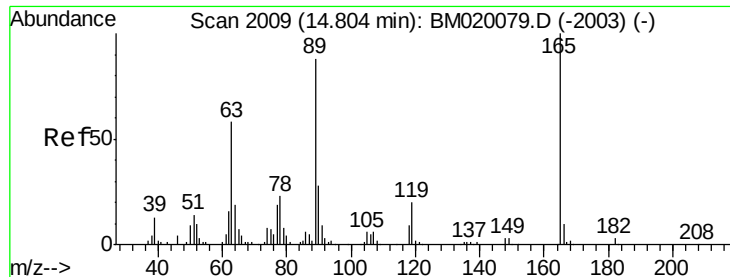
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.2	10.6	15.8



#56
4-Nitrophenol
Concen: 42.486 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.9	83.9	123.9
65	133.8	113.8	153.8

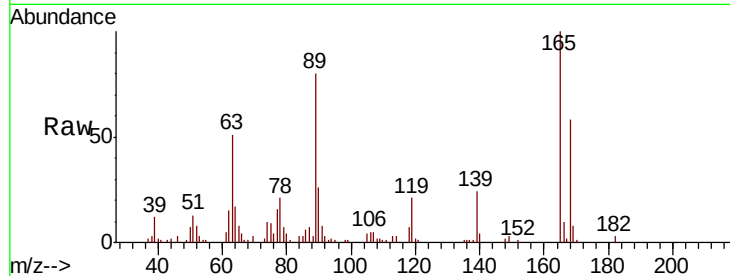




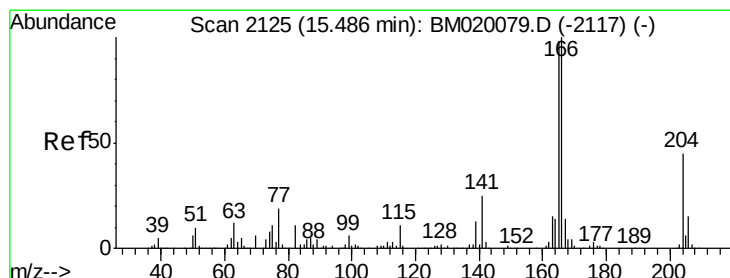
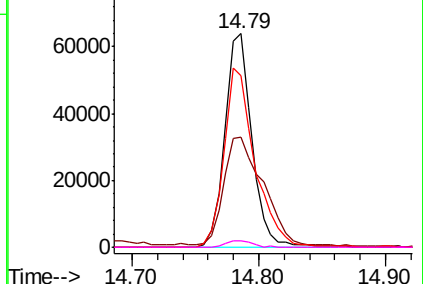
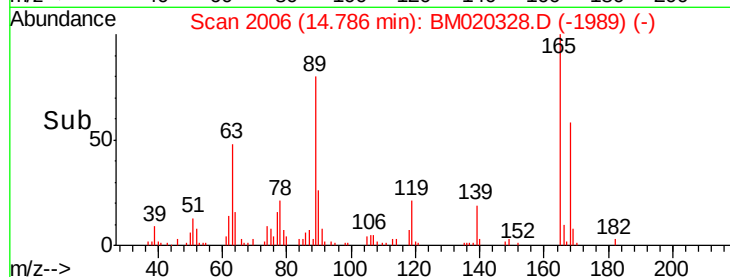
#57
 2,4-Dinitrotoluene
 Concen: 43.385 ng
 RT: 14.79 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 94048
 Ion Ratio Lower Upper
 165 100
 63 51.5 41.2 61.8
 89 80.5 64.4 96.6
 182 2.9 2.3 3.5

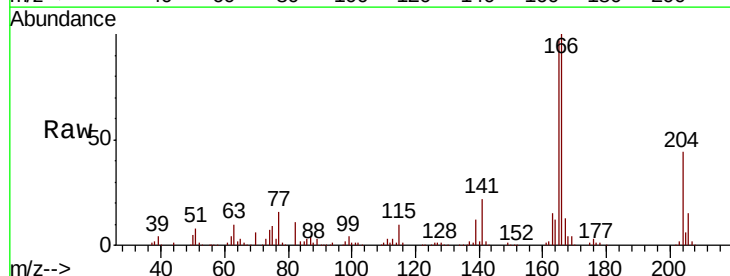


Abundance Ion 165.00 (164.70 to 165.70): E
 100000
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

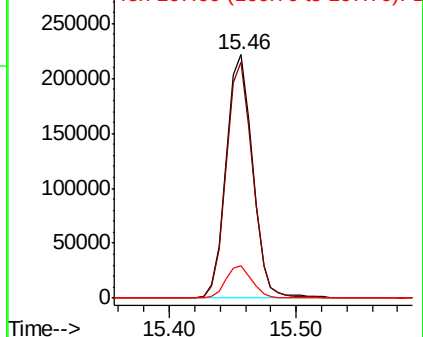
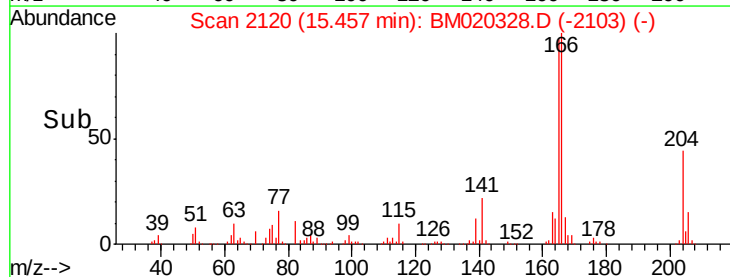


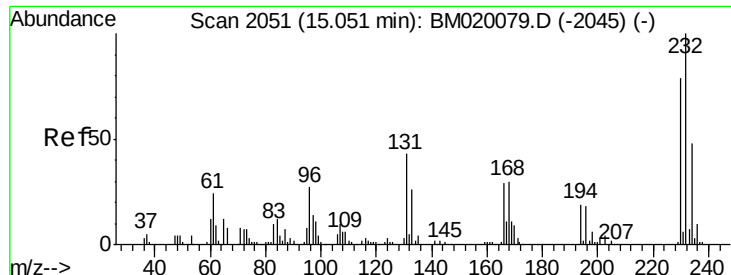
#58
 Fluorene
 Concen: 43.090 ng
 RT: 15.46 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:166 Resp: 320847
 Ion Ratio Lower Upper
 166 100
 165 97.1 77.7 116.5
 167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 300000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

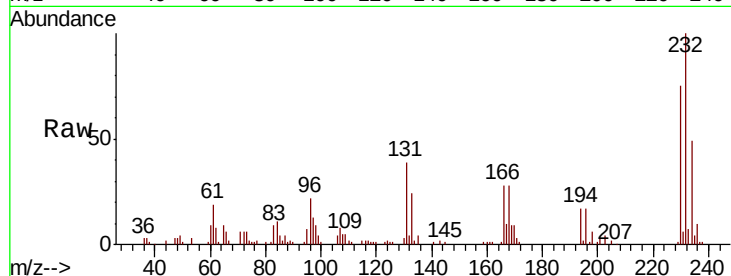




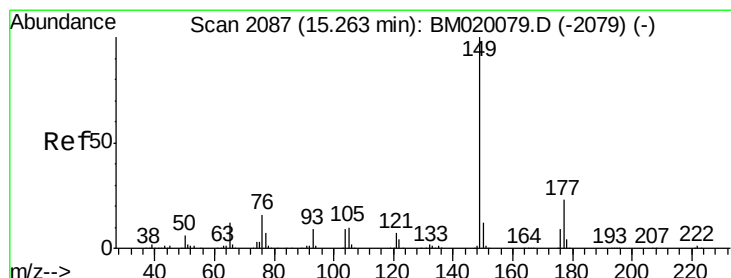
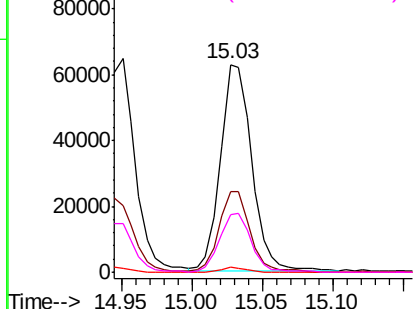
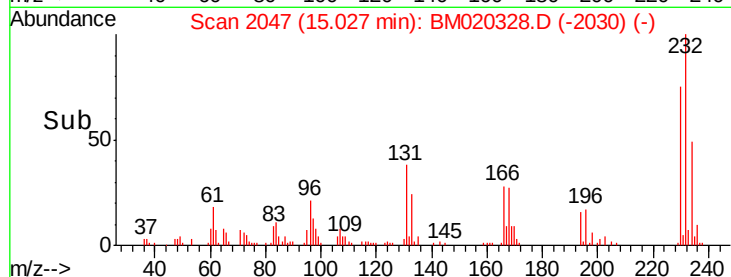
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.522 ng
 RT: 15.03 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	232	Resp:	95763
Ion	Ratio	Lower	Upper
232	100		
131	39.3	31.7	47.5
130	2.0	1.6	2.4
166	29.2	23.5	35.3

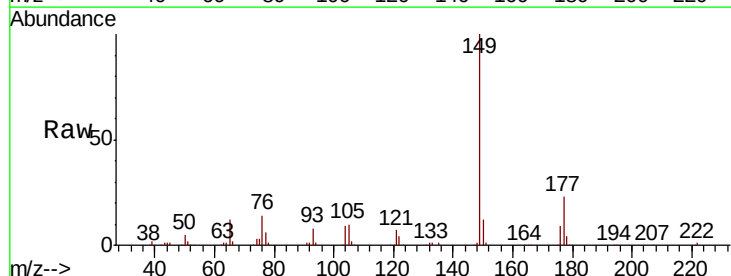


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

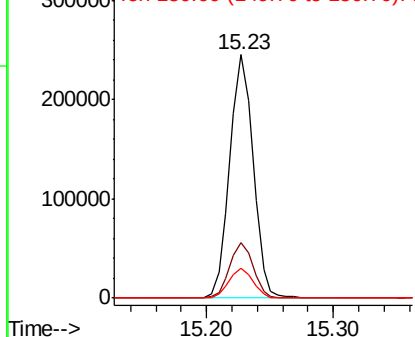
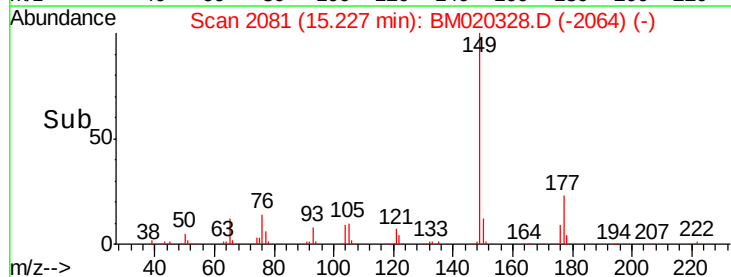


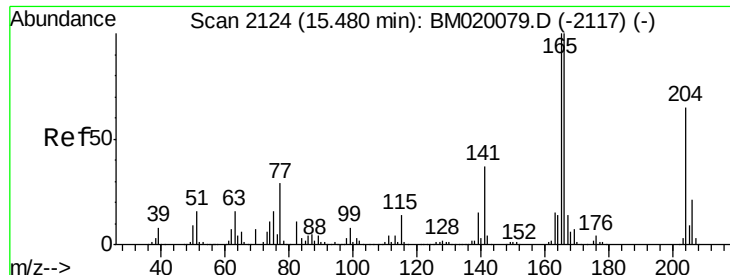
#60
 Diethylphthalate
 Concen: 41.238 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:	149	Resp:	314689
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.1	9.7	14.5



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

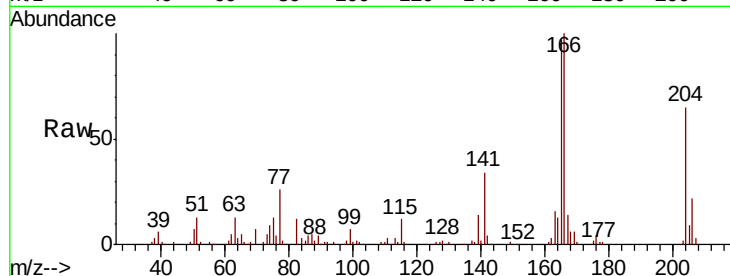




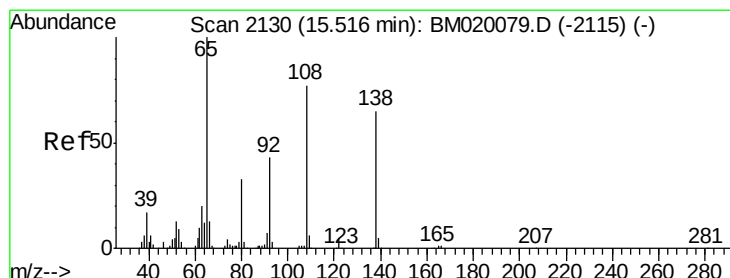
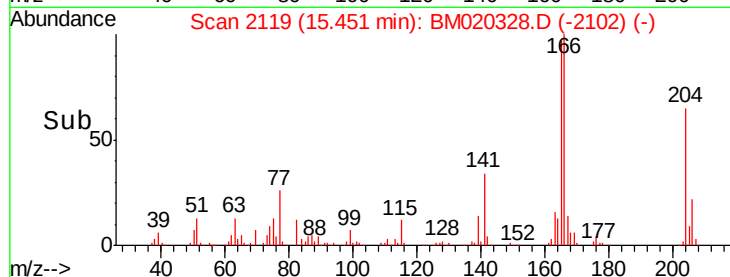
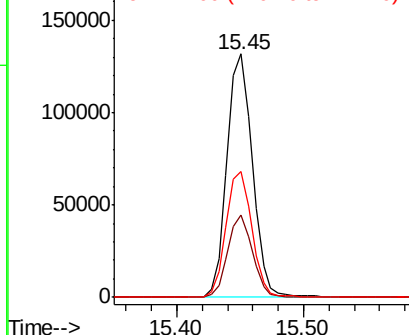
#61
 4-Chlorophenyl-phenylether
 Concen: 43.534 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 183663
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.0 40.6
 141 51.7 41.4 62.0

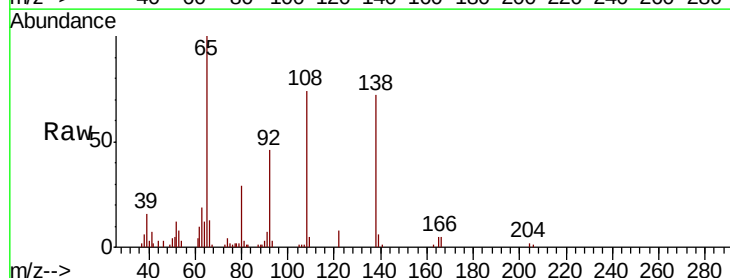


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

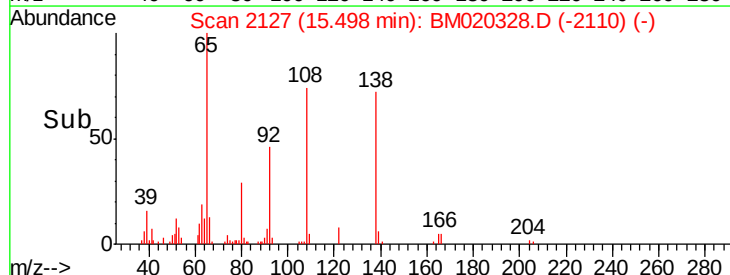
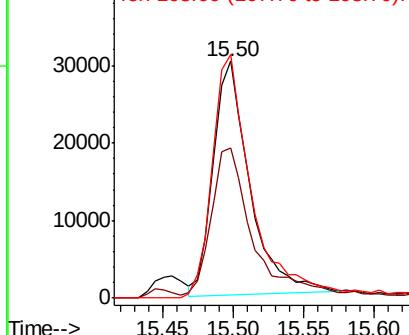


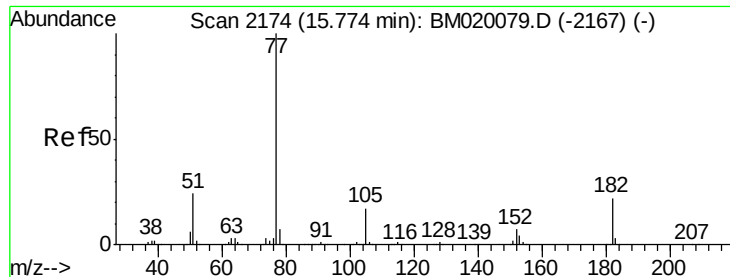
#62
 4-Nitroaniline
 Concen: 33.370 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:138 Resp: 54528
 Ion Ratio Lower Upper
 138 100
 92 63.4 43.4 83.4
 108 102.8 82.8 122.8



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: 39.654 ng

RT: 15.74 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 356988

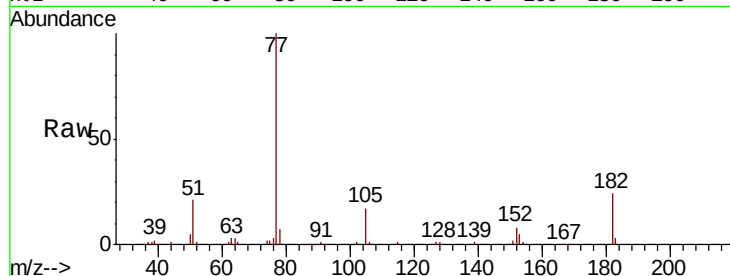
Ion Ratio Lower Upper

77 100

182 23.6 3.6 43.6

105 17.5 0.0 37.5

51 21.4 1.4 41.4

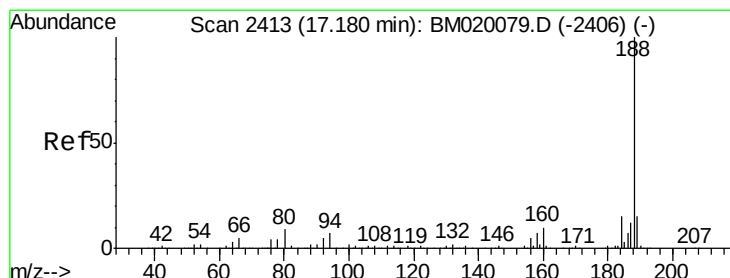
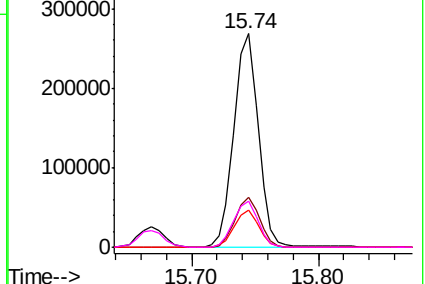
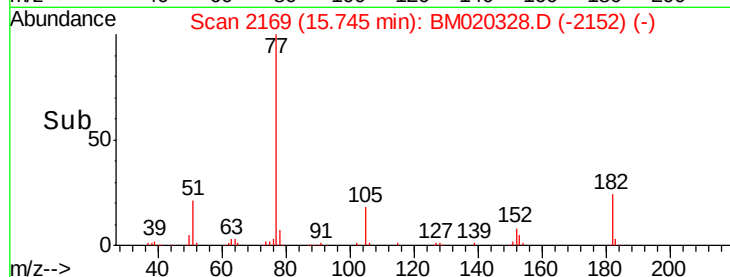


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

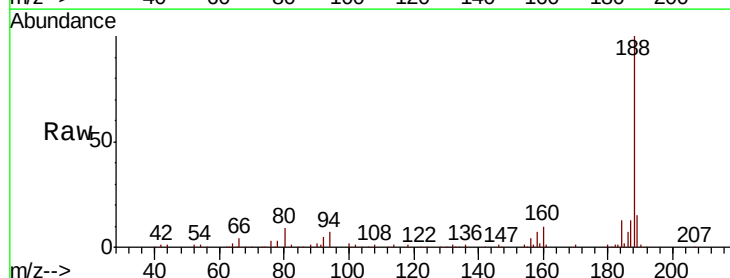
Tgt Ion: 188 Resp: 213329

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

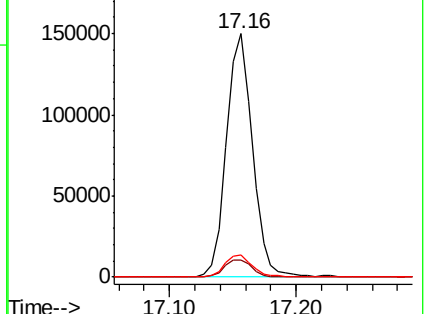
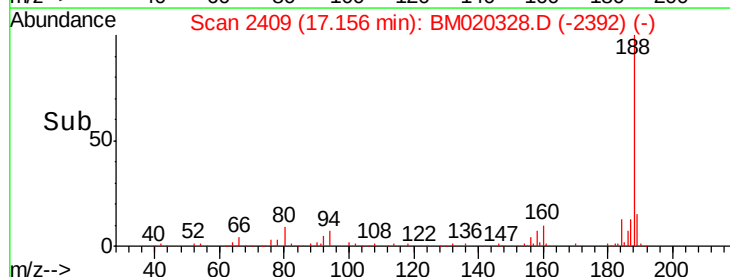
80 9.3 7.4 11.2

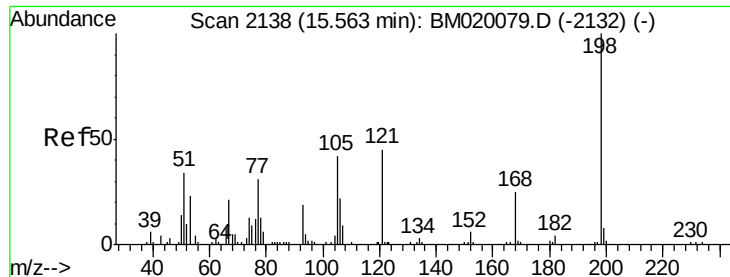


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 46.268 ng

RT: 15.54 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

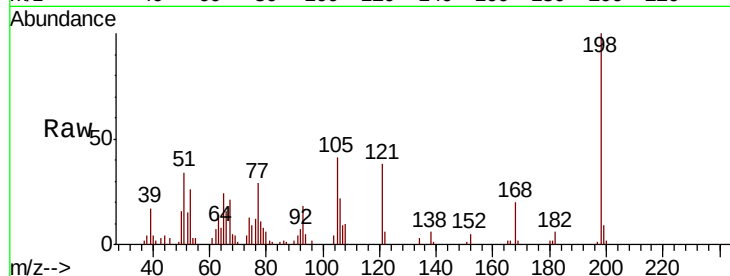
Tot Ion:198 Resp: 49474

Ion Ratio Lower Upper

198 100

51 34.0 14.0 54.0

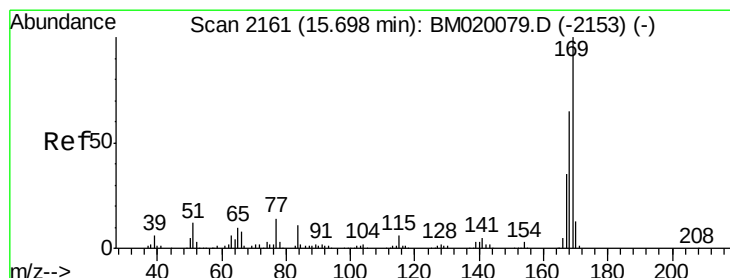
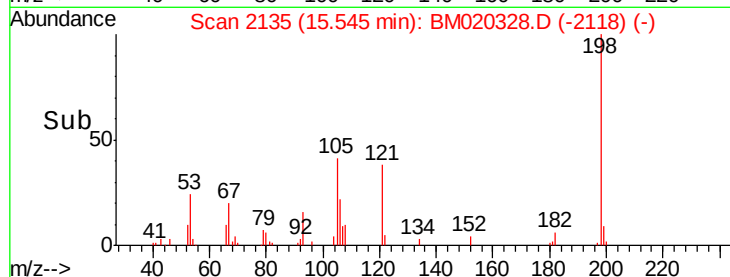
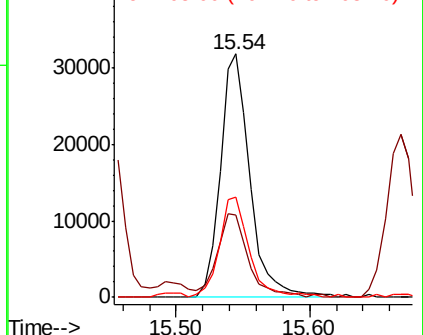
105 41.2 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.511 ng

RT: 15.67 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

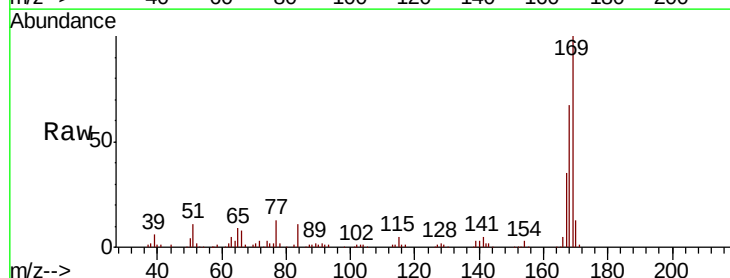
Tgt Ion:169 Resp: 273133

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.2

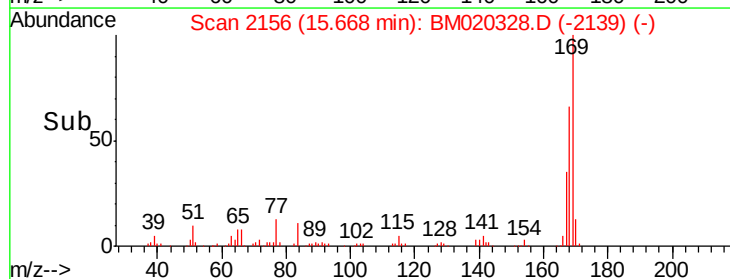
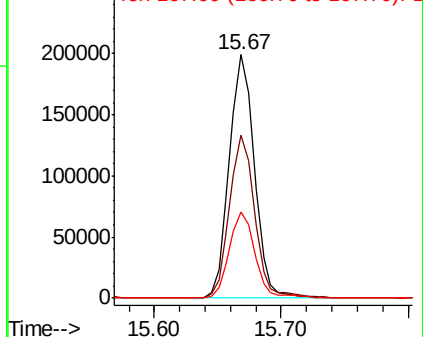
167 35.3 28.2 42.4

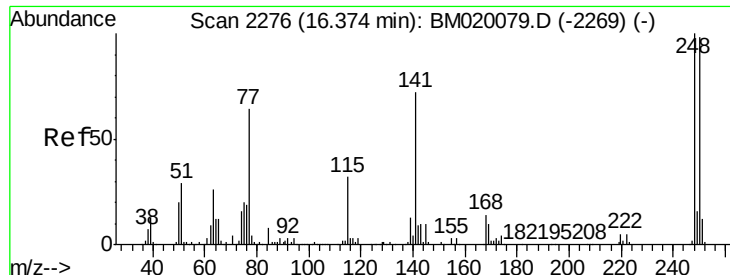


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

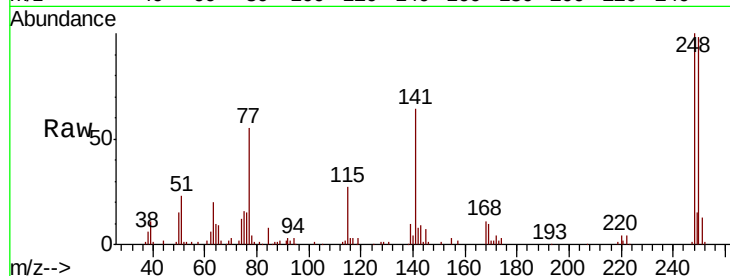




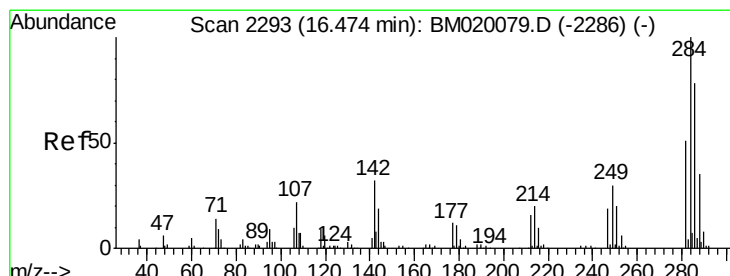
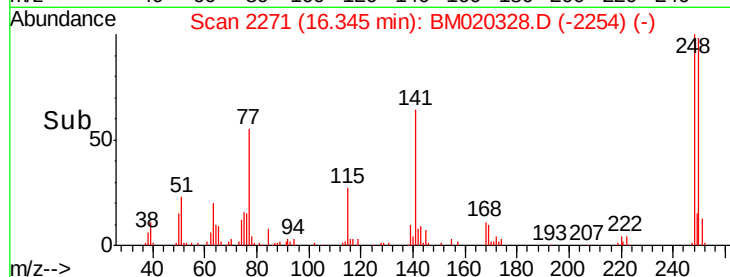
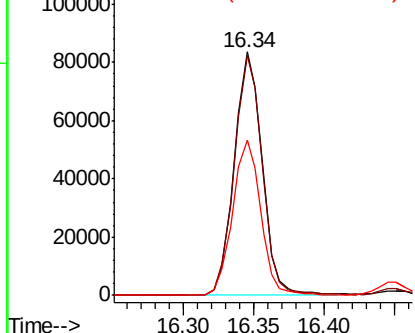
#67
 4-Bromophenyl-phenylether
 Concen: 44.149 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 115493
 Ion Ratio Lower Upper
 248 100
 250 98.4 78.7 118.1
 141 63.9 51.1 76.7

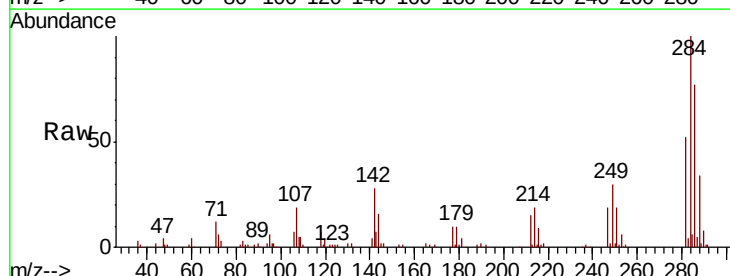


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

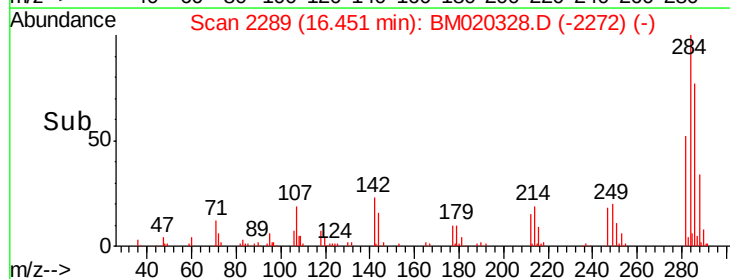
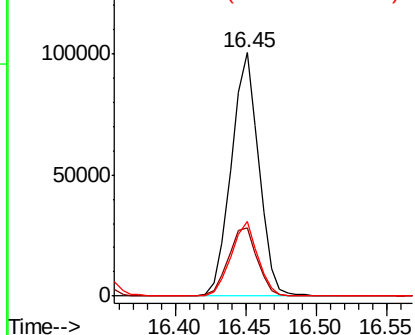


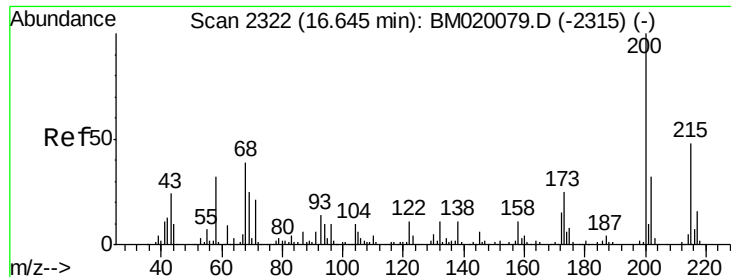
#68
 Hexachlorobenzene
 Concen: 45.506 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:284 Resp: 136986
 Ion Ratio Lower Upper
 284 100
 142 28.1 22.5 33.7
 249 30.4 24.3 36.5



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

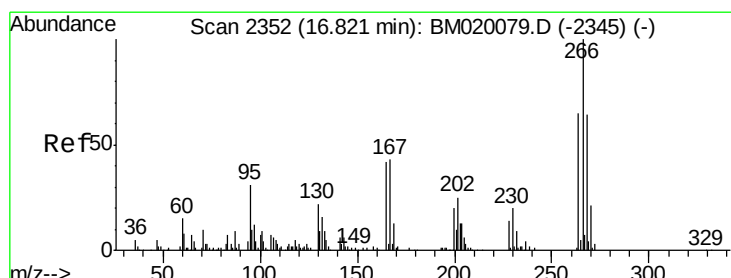
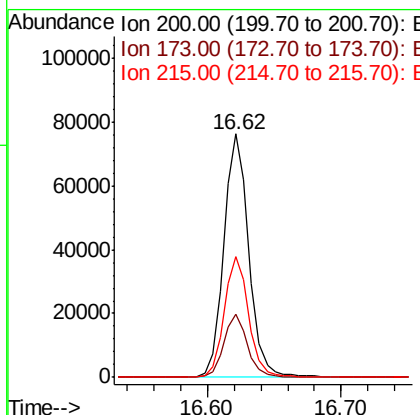
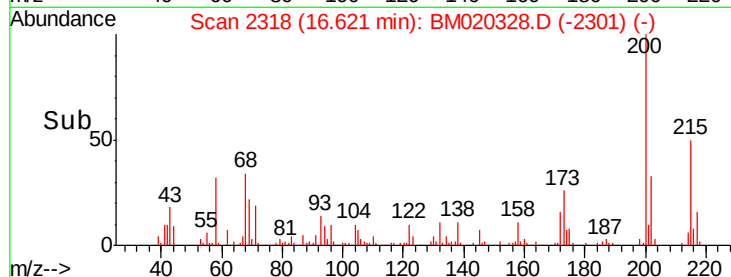
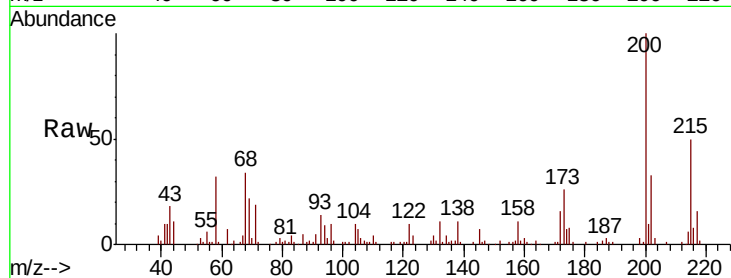




#69
 Atrazine
 Concen: 40.849 ng
 RT: 16.62 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

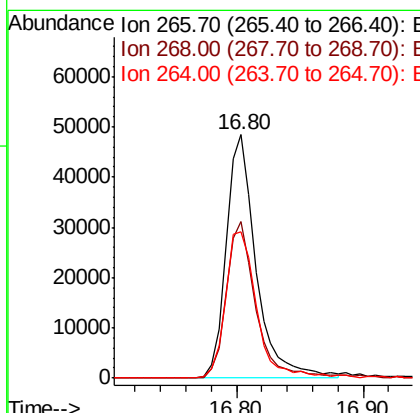
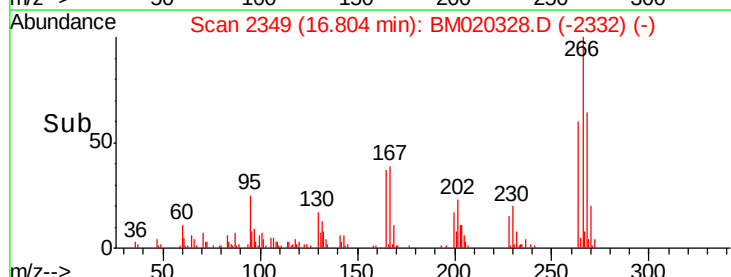
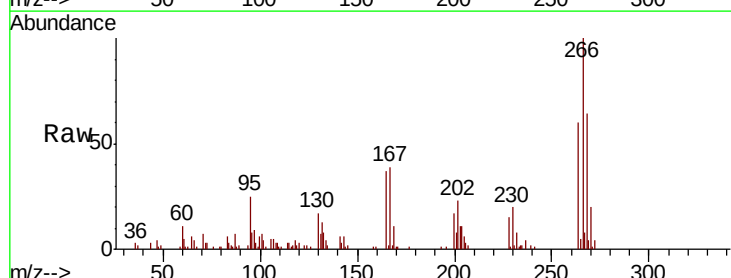
Instrument :
 BNA_M
 ClientSampled :

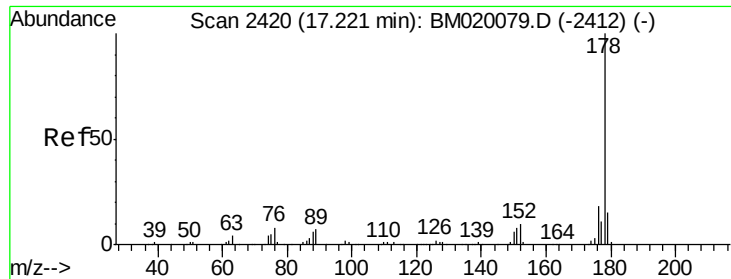
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.1	46.1
215	49.7	29.7	69.7



#70
 Pentachlorophenol
 Concen: 45.743 ng
 RT: 16.80 min Scan# 2349
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.5	77.3
264	59.9	47.9	71.9

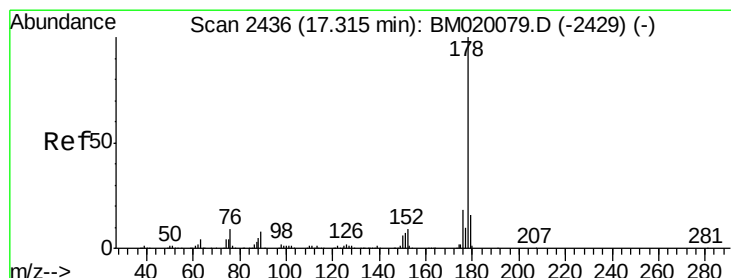
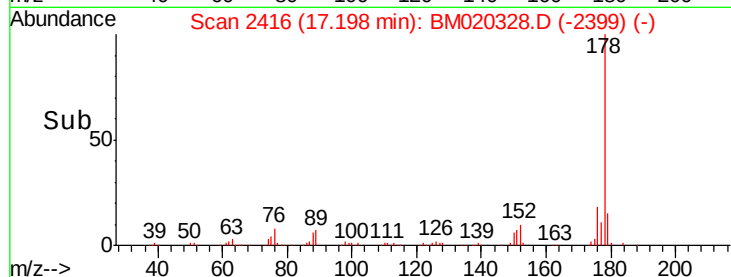
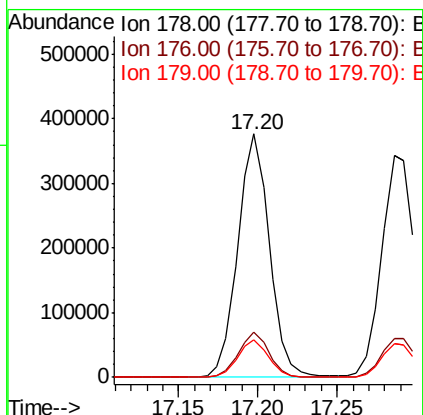
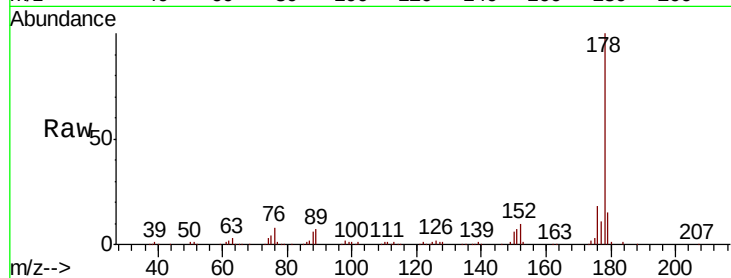




#71
Phenanthrene
Concen: 44.279 ng
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

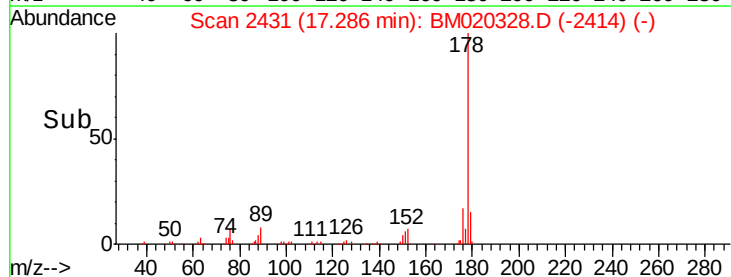
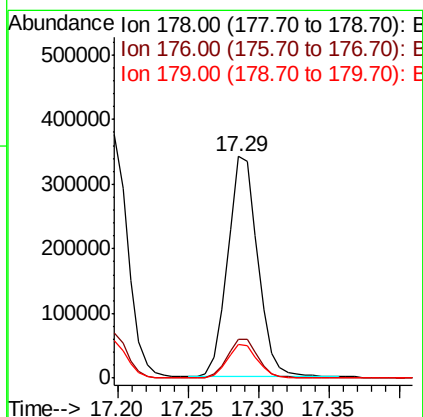
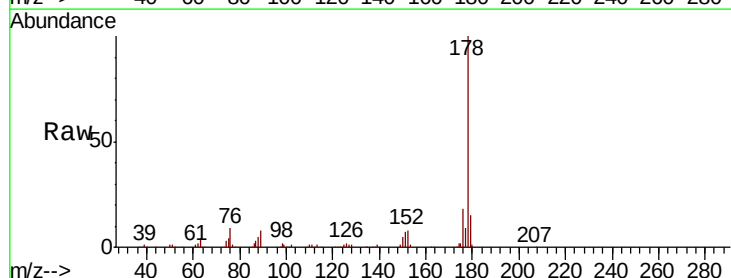
Instrument :
BNA_M
ClientSampleId :

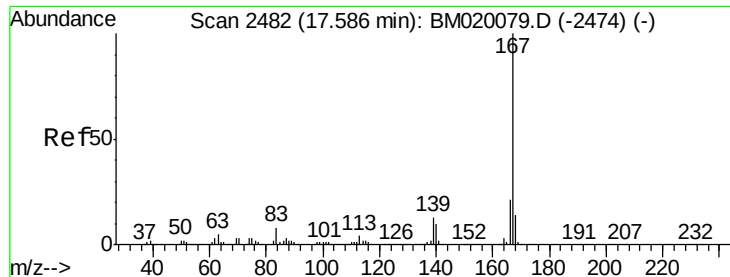
Tot Ion:178 Resp: 521429
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 43.031 ng
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:178 Resp: 506643
Ion Ratio Lower Upper
178 100
176 17.5 14.0 21.0
179 15.3 12.2 18.4

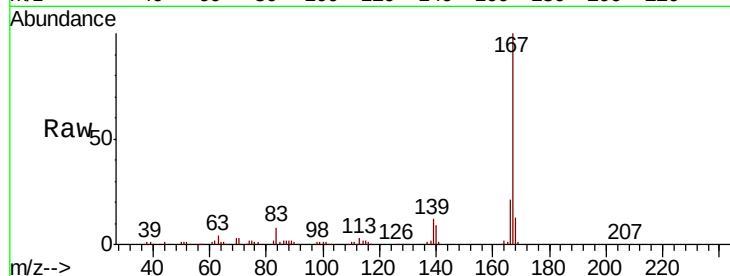




#73
 Carbazole
 Concen: 42.726 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.3	9.8	14.8

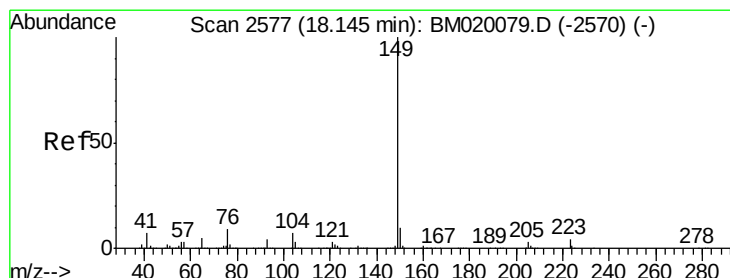
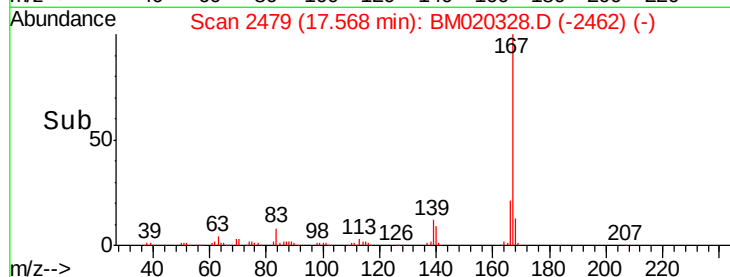
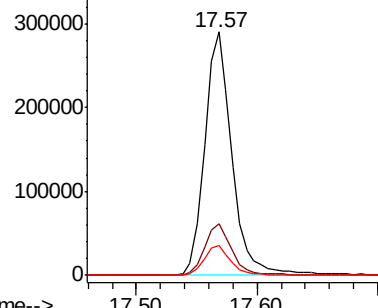


Abundance

Ion 167.00 (166.70 to 167.70): E

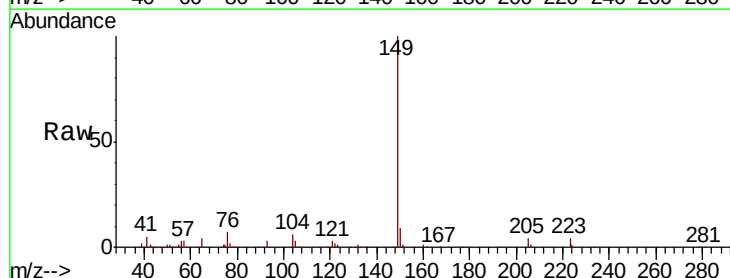
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.247 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. 0.00 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	6.9	10.3
104	6.1	4.9	7.3

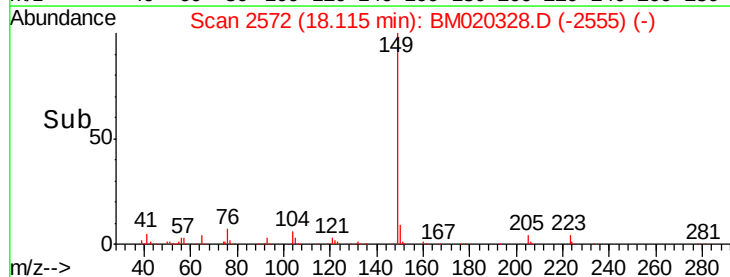
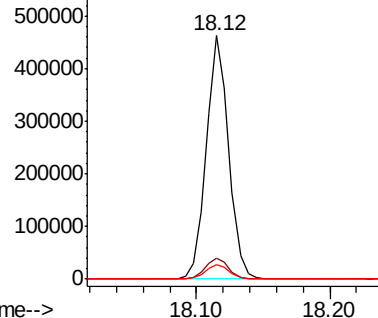


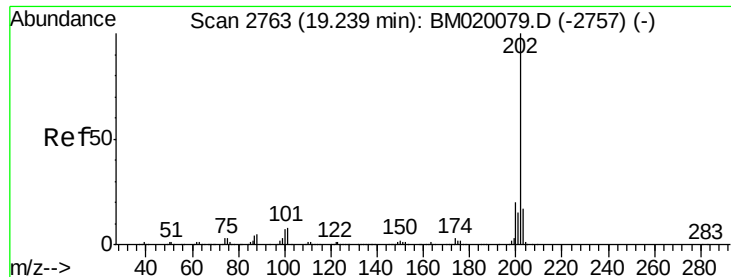
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.424 ng

RT: 19.22 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

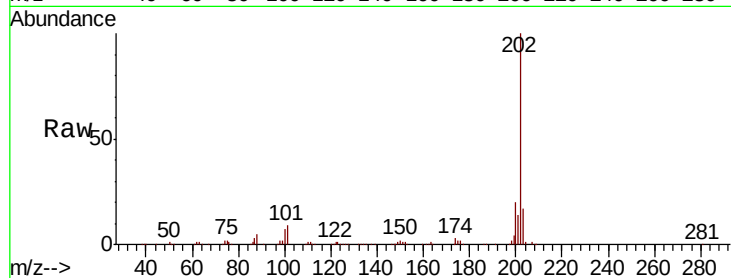
Tot Ion:202 Resp: 661898

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.7

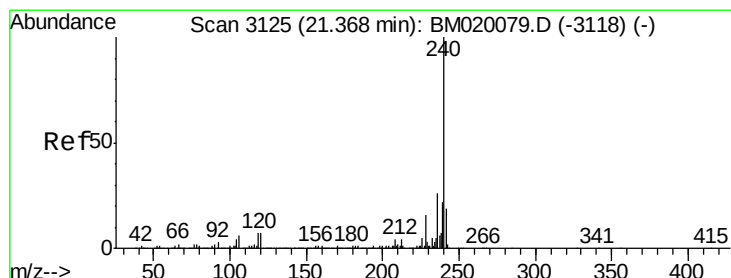
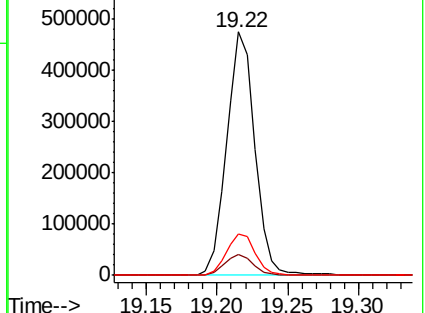
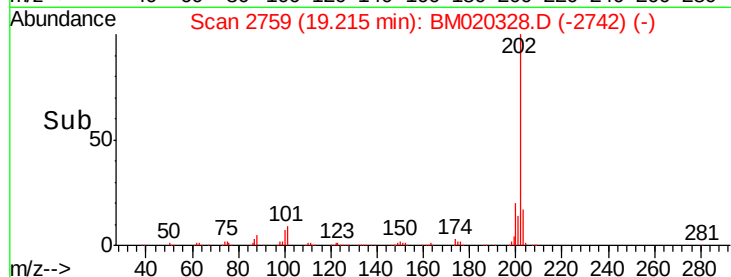
203 17.2 0.0 37.2



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: 21.34 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

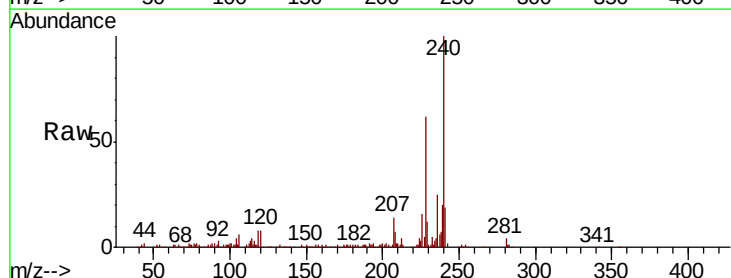
Tgt Ion:240 Resp: 236195

Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

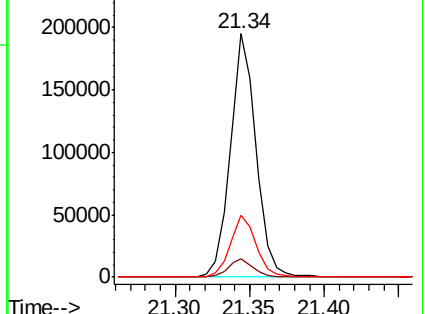
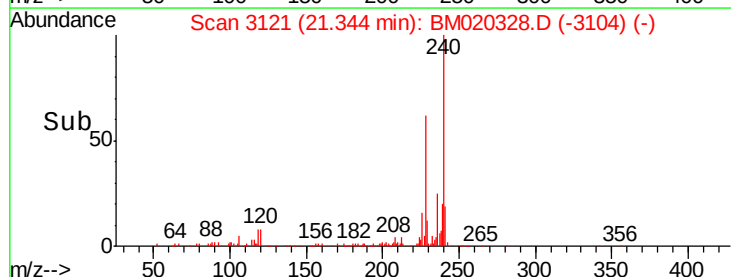
236 25.2 20.2 30.2

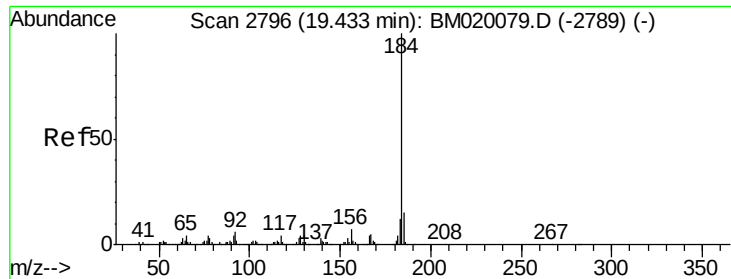


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.967 ng

RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

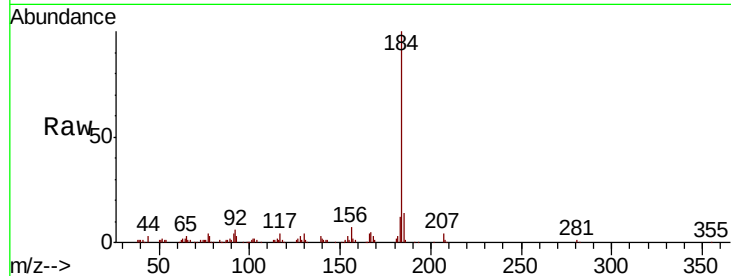
Tot Ion:184 Resp: 180984

Ion Ratio Lower Upper

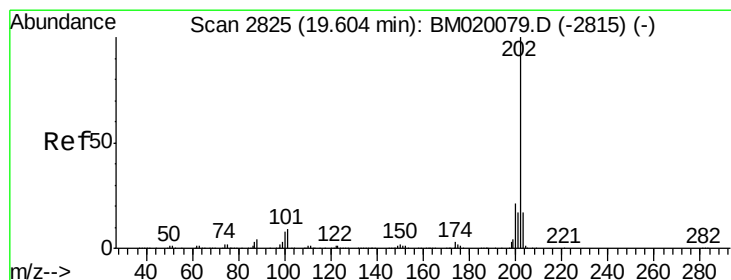
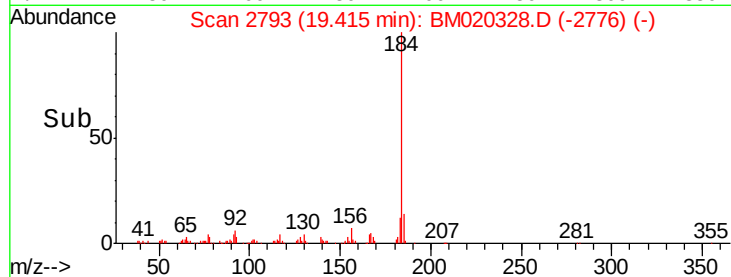
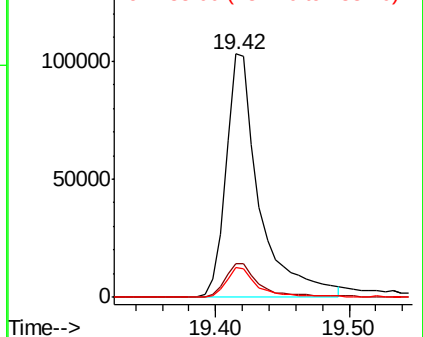
184 100

185 13.6 10.9 16.3

183 12.1 9.7 14.5



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: 43.298 ng

RT: 19.58 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

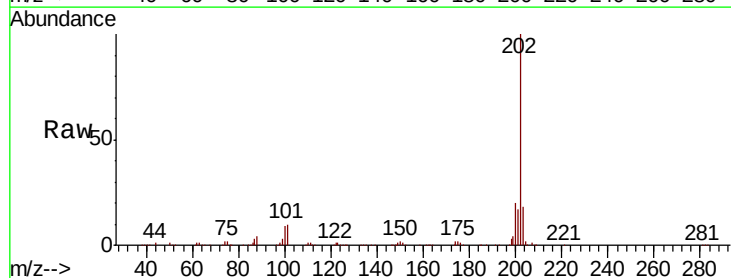
Tgt Ion:202 Resp: 686620

Ion Ratio Lower Upper

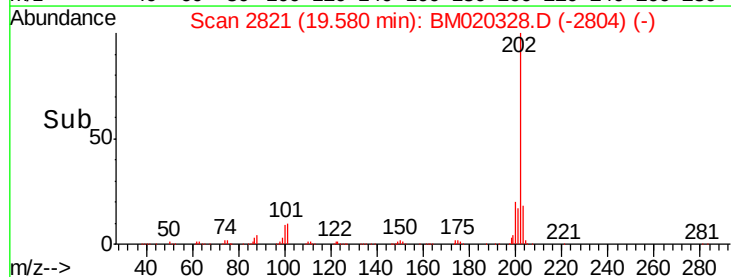
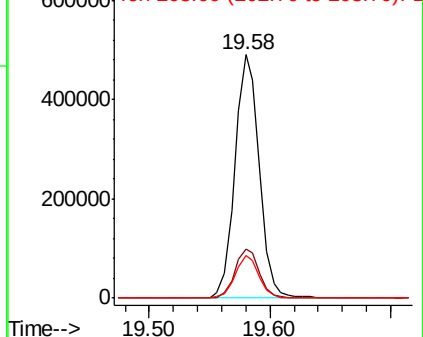
202 100

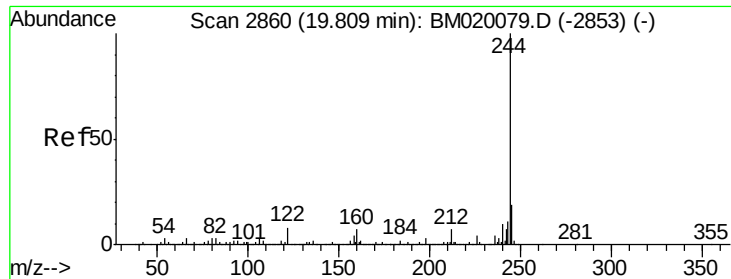
200 20.2 16.2 24.2

203 17.7 14.2 21.2



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: 85.432 ng

RT: 19.78 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

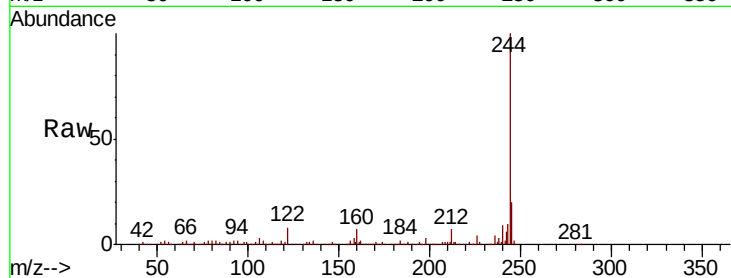
Tot Ion:244 Resp: 1156881

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

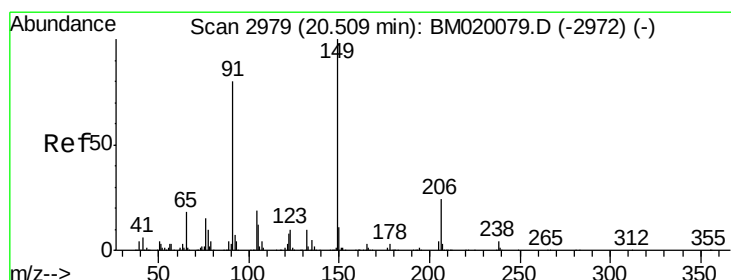
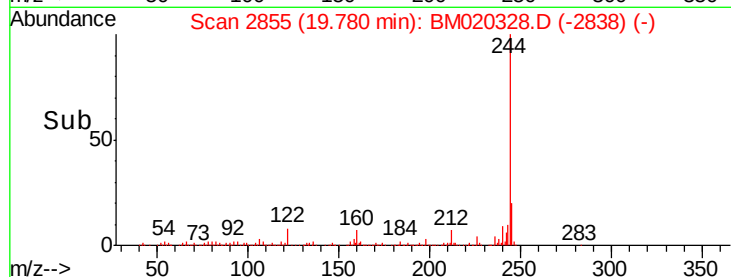
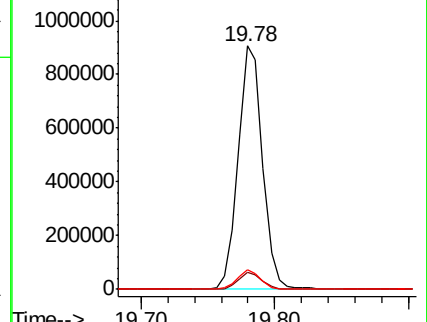
122 7.9 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.970 ng

RT: 20.48 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

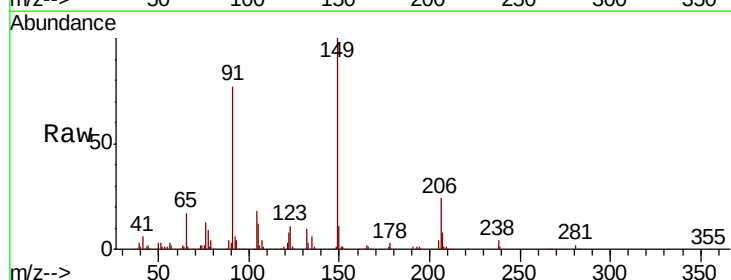
Tgt Ion:149 Resp: 253561

Ion Ratio Lower Upper

149 100

91 77.1 61.7 92.5

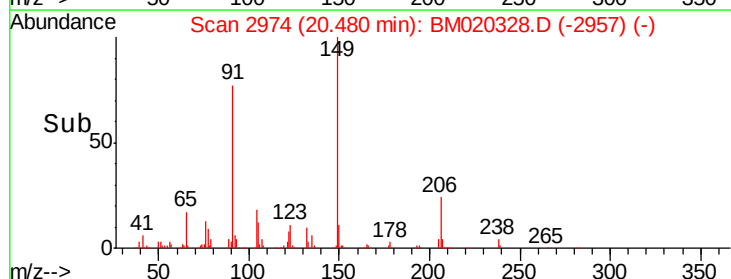
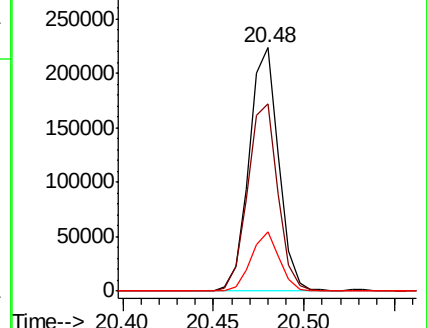
206 24.5 19.6 29.4

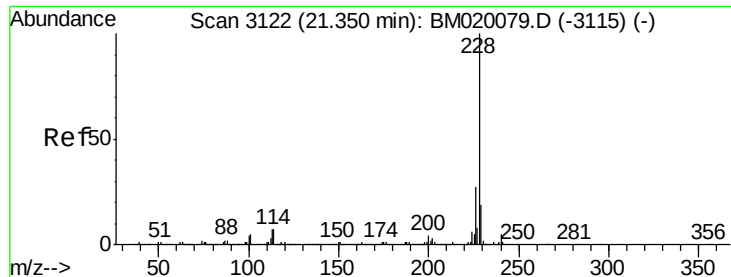


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.794 ng

RT: 21.33 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

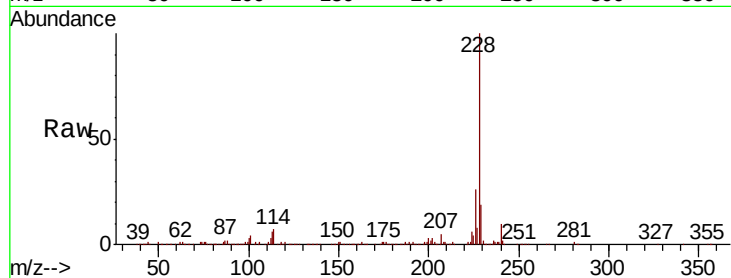
Tot Ion:228 Resp: 725426

Ion Ratio Lower Upper

228 100

226 25.9 20.7 31.1

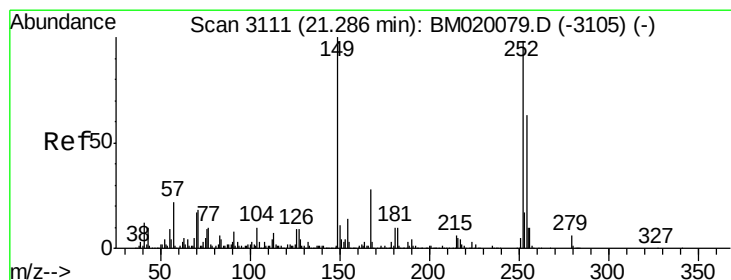
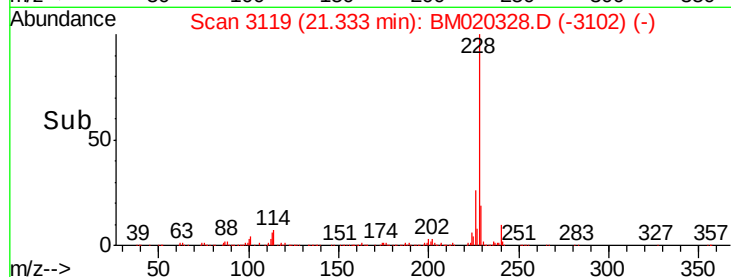
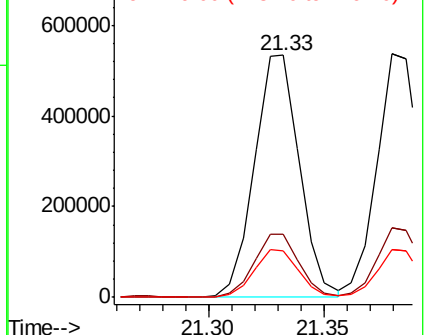
229 19.2 15.4 23.0



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: 40.615 ng

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

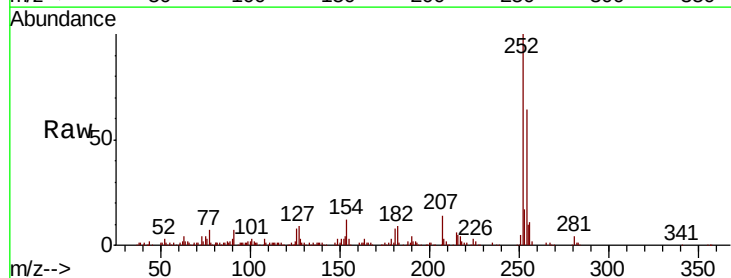
Tgt Ion:252 Resp: 256772

Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

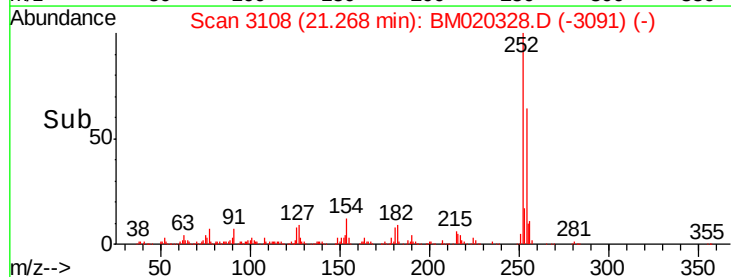
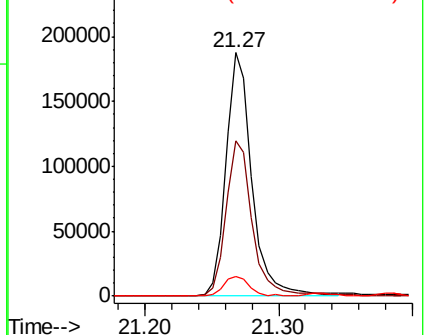
126 8.0 6.4 9.6

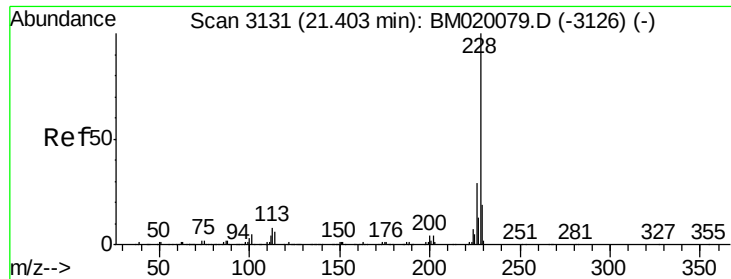


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.309 ng

RT: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

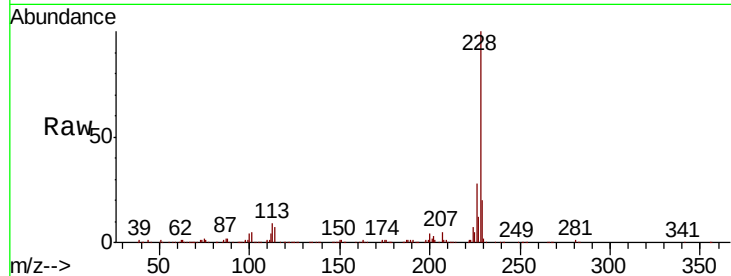
Tot Ion:228 Resp: 711806

Ion Ratio Lower Upper

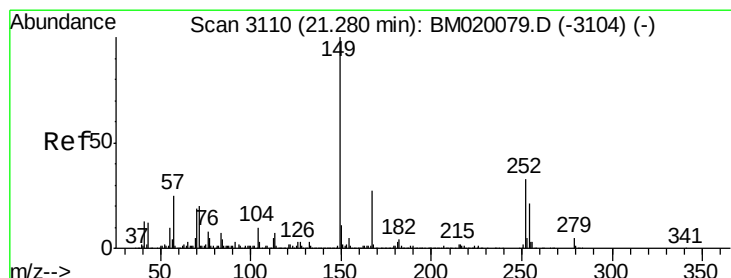
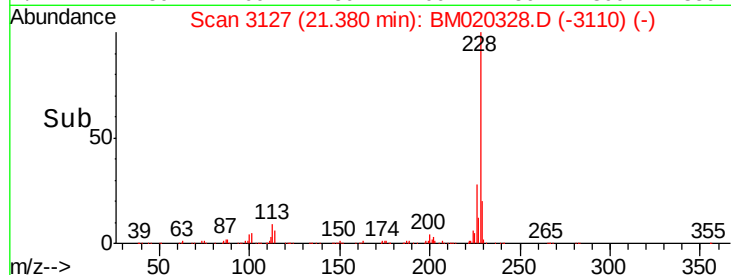
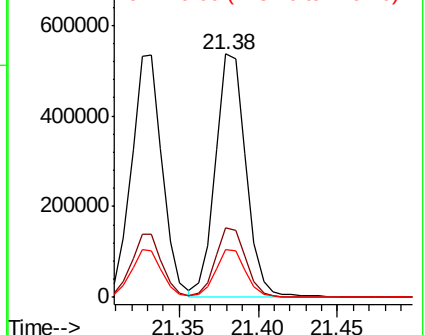
228 100

226 28.5 22.8 34.2

229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.947 ng

RT: 21.24 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

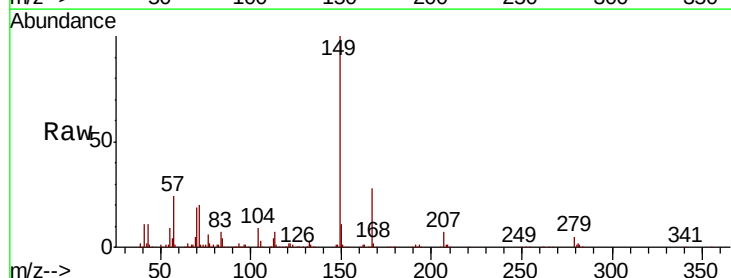
Tgt Ion:149 Resp: 375362

Ion Ratio Lower Upper

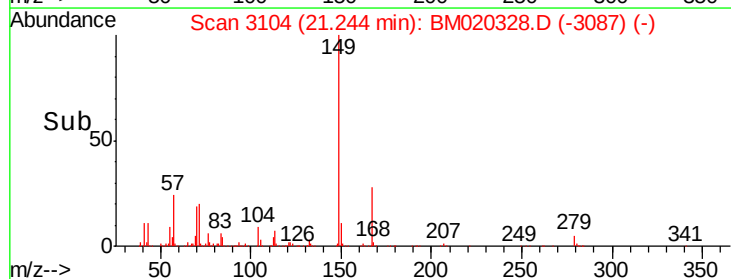
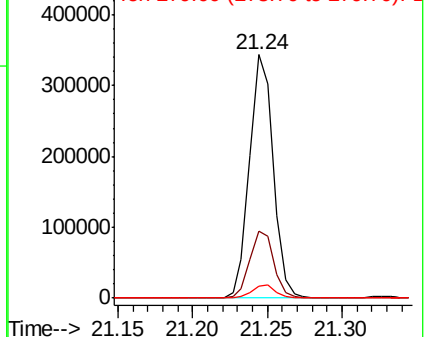
149 100

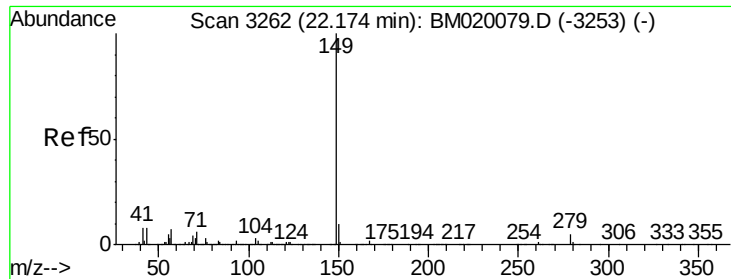
167 27.6 22.1 33.1

279 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

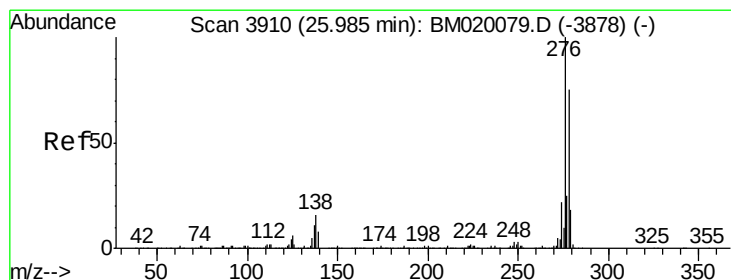
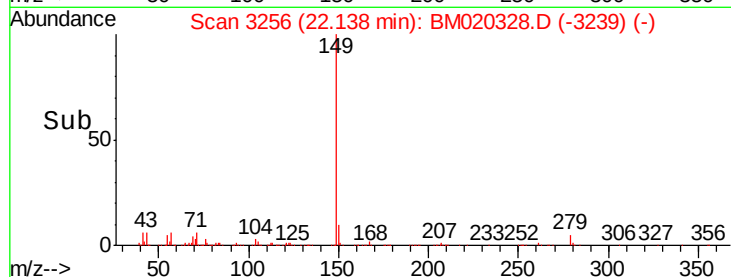
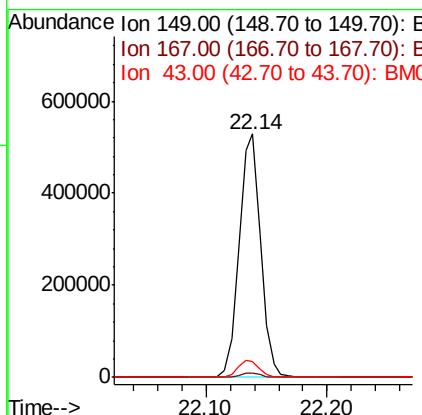
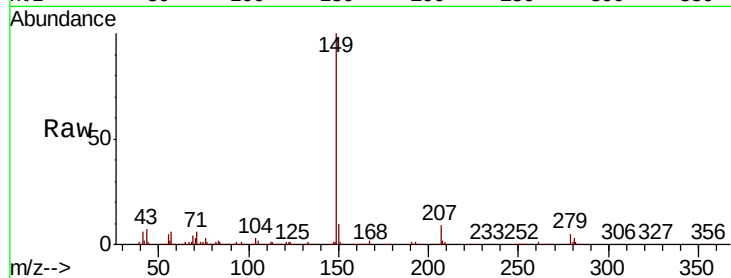




#85
Di-n-octyl phthalate
Concen: 43.876 ng
RT: 22.14 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

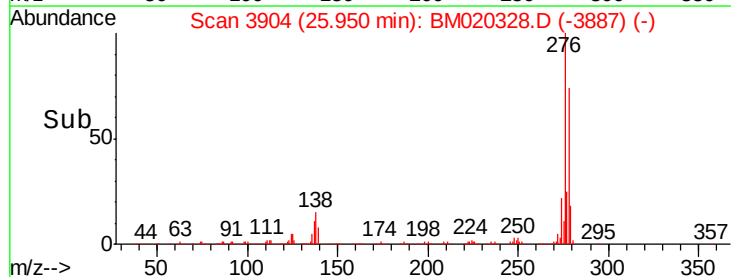
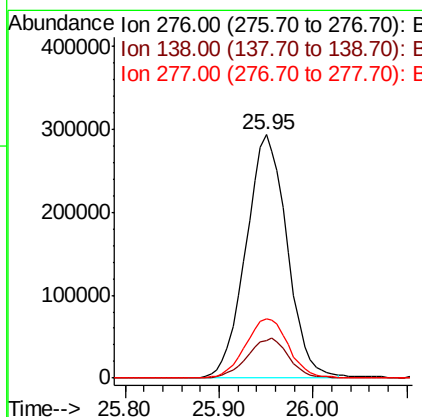
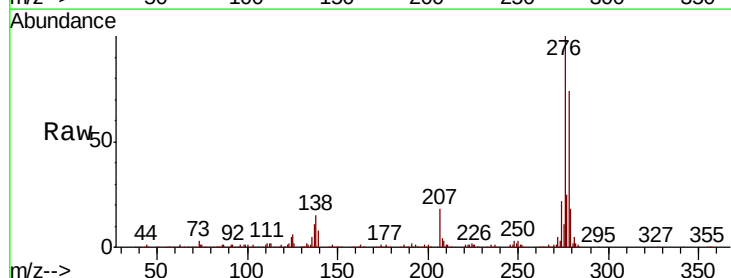
Instrument :
BNA_M
ClientSampleId :

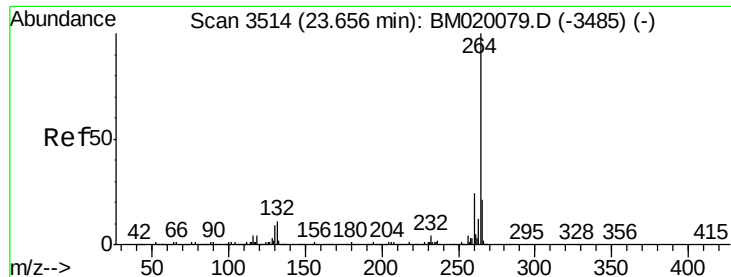
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.9	5.5	8.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.642 ng
RT: 25.95 min Scan# 3904
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.3	19.9
277	25.5	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

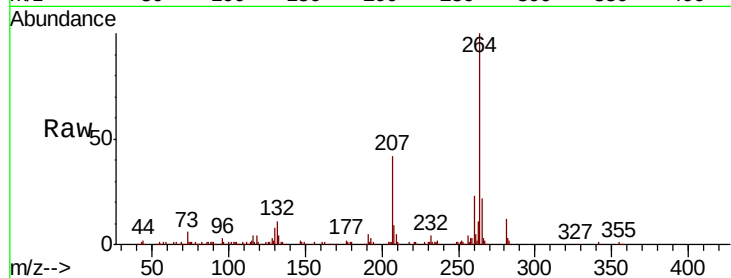
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 268209

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.1	27.1
265	22.0	17.6	26.4

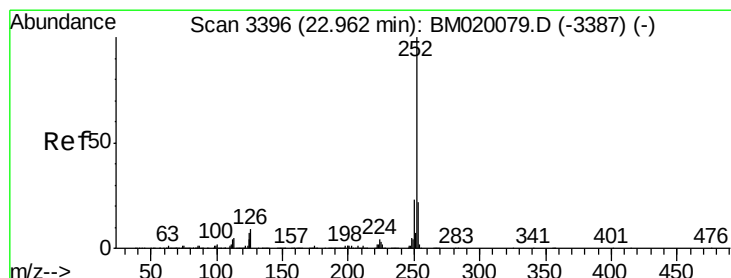
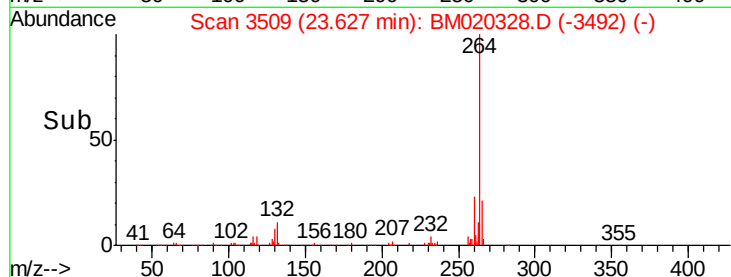
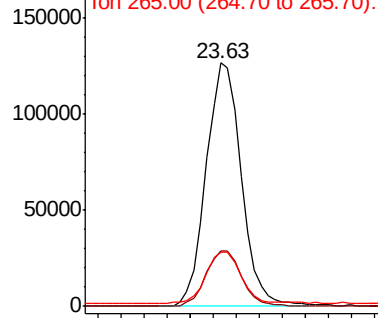


Abundance

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: 43.282 ng

RT: 22.94 min Scan# 3392

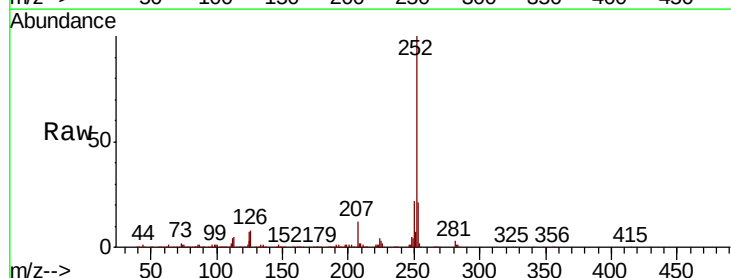
Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Tgt Ion:252 Resp: 766571

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	6.6	5.3	7.9

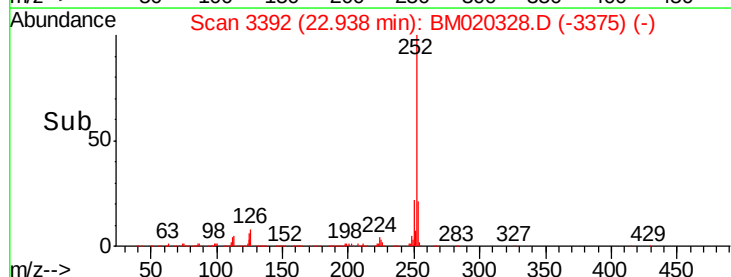
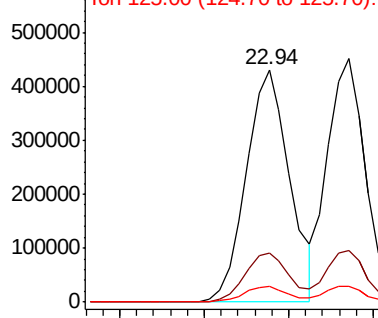


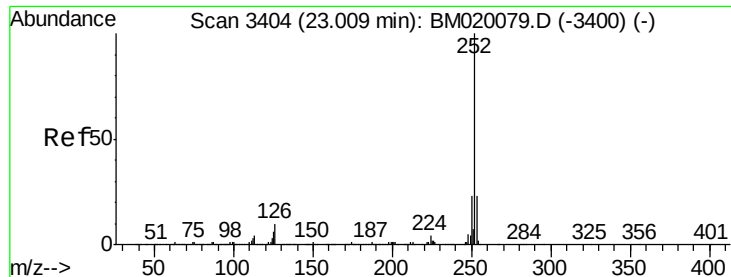
Abundance

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

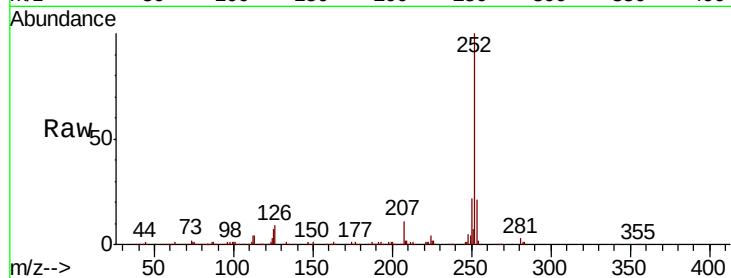




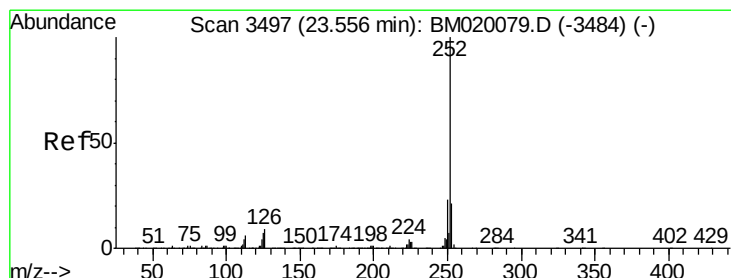
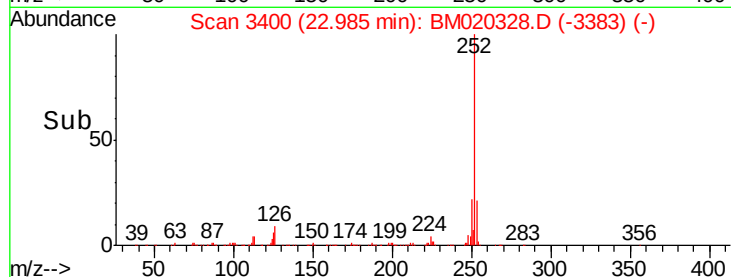
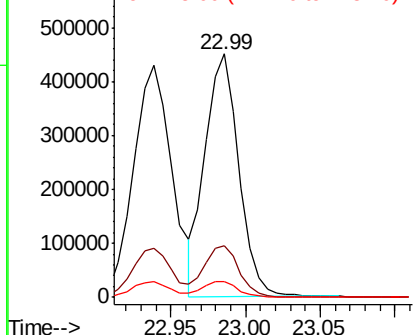
#89
Benzo(k)fluoranthene
Concen: 43.778 ng
RT: 22.99 min Scan# 3400
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 707274
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 6.5 5.2 7.8

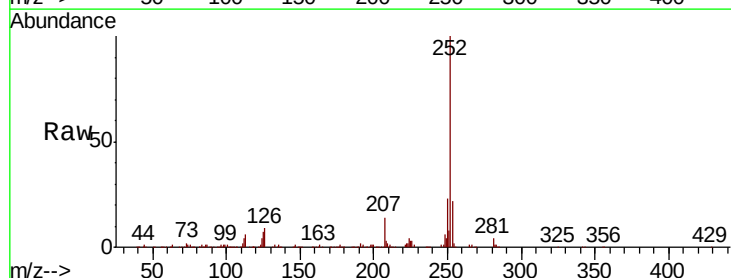


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

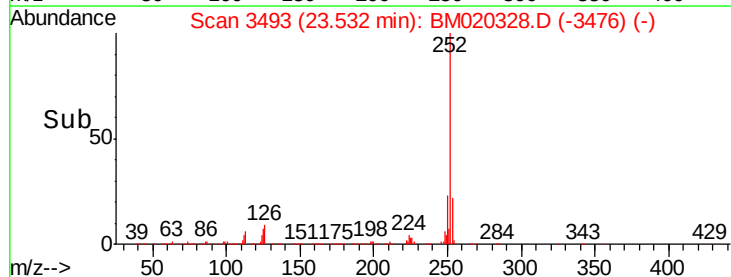
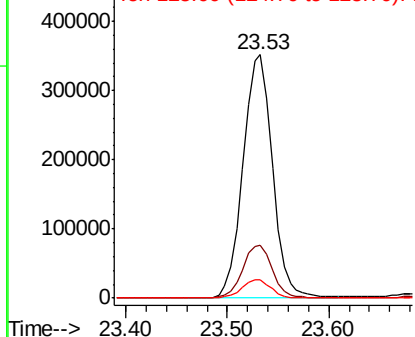


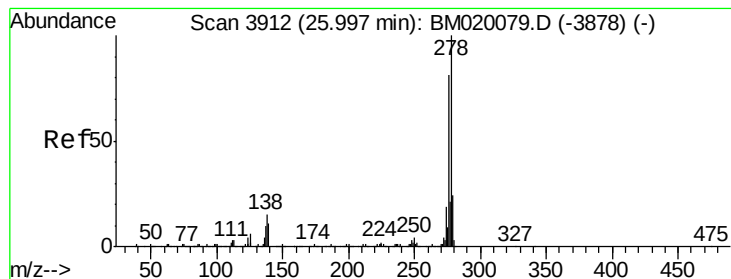
#90
Benzo(a)pyrene
Concen: 43.991 ng
RT: 23.53 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:252 Resp: 707703
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 7.5 6.0 9.0



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: 45.090 ng

RT: 25.96 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

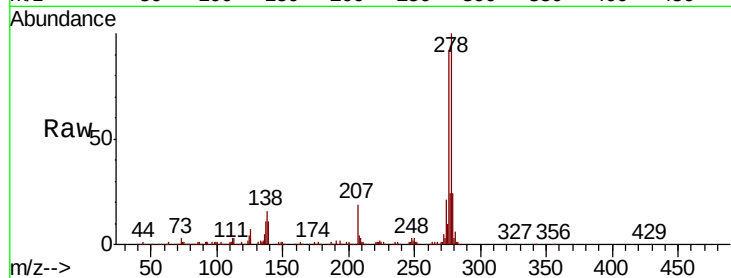
Tot Ion:278 Resp: 754369

Ion Ratio Lower Upper

278 100

139 10.8 8.6 13.0

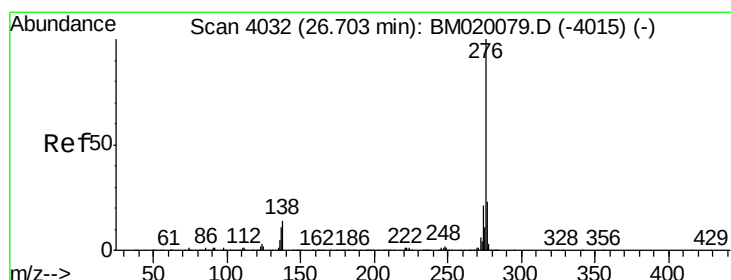
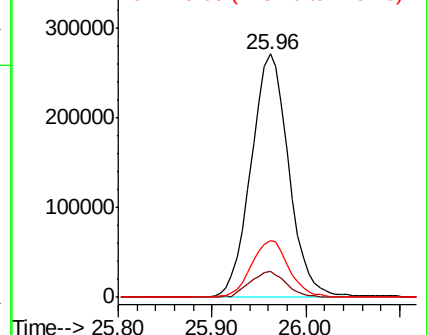
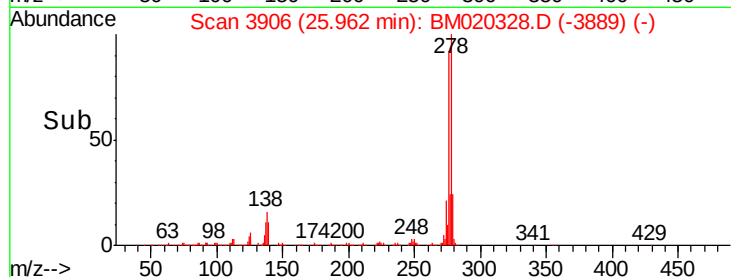
279 23.5 18.8 28.2



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: 45.850 ng

RT: 26.66 min Scan# 4025

Delta R.T. 0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

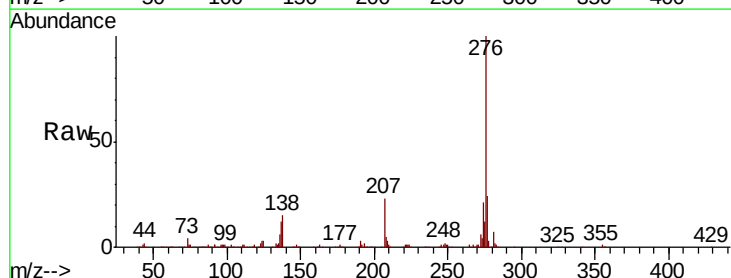
Tgt Ion:276 Resp: 728262

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 14.8 11.8 17.8



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

