

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 15:47:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 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	-0.04
21) Naphthalene-d8	10.55	136	147535	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	89118	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	212704	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	236195	20.00	ng	-0.02
87) Perylene-d12	23.63	264	268209	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	221713	91.51	ng	-0.03
7) Phenol-d6	6.93	99	282694	85.41	ng	-0.02
23) Nitrobenzene-d5	8.93	82	315329	84.38	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	128935	93.21	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	635499	87.74	ng	-0.04
79) Terphenyl-d14	19.78	244	1158182	85.53	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	56498	47.548	ng	88
3) Pyridine	3.69	79	144615	47.587	ng	93
4) n-Nitrosodimethylamine	3.60	42	40644	41.708	ng	# 58
6) Aniline	7.09	93	176228	42.297	ng	97
8) 2-Chlorophenol	7.32	128	117072	44.379	ng	96
9) Benzaldehyde	6.91	77	94860	37.867	ng	96
10) Phenol	6.96	94	152501	42.800	ng	88
11) bis(2-Chloroethyl)ether	7.19	93	114360	44.159	ng	97
12) 1,3-Dichlorobenzene	7.65	146	138526	45.133	ng	93
13) 1,4-Dichlorobenzene	7.79	146	137760	44.430	ng	95
14) 1,2-Dichlorobenzene	8.10	146	132085	44.714	ng	97
15) Benzyl Alcohol	8.00	79	111686	34.994	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.29	45	88358	41.146	ng	93
17) 2-Methylphenol	8.20	107	94326	41.124	ng	94
18) Hexachloroethane	8.82	117	55541	42.961	ng	99
19) n-Nitroso-di-n-propylamine	8.56	70	107990	38.136	ng	94
20) 3+4-Methylphenols	8.53	107	118881	38.997	ng	94
22) Acetophenone	8.59	105	173827	43.110	ng	# 95
24) Nitrobenzene	8.97	77	162906	42.045	ng	94
25) Isophorone	9.49	82	270891	42.036	ng	98
26) 2-Nitrophenol	9.67	139	56572	48.363	ng	96
27) 2,4-Dimethylphenol	9.73	122	78244	40.178	ng	97
28) bis(2-Chloroethoxy)methane	9.97	93	151402	43.137	ng	99
29) 2,4-Dichlorophenol	10.20	162	104879	42.709	ng	95
30) 1,2,4-Trichlorobenzene	10.41	180	133589	44.212	ng	95
31) Naphthalene	10.60	128	338679	44.236	ng	99
32) Benzoic acid	9.85	122	43388	33.611	ng	# 82
33) 4-Chloroaniline	10.72	127	121629	38.598	ng	98
34) Hexachlorobutadiene	10.86	225	94210	44.075	ng	95
35) Caprolactam	11.52	113	27589	37.573	ng	95
36) 4-Chloro-3-methylphenol	11.84	107	112382	38.944	ng	95
37) 2-Methylnaphthalene	12.22	142	238937	42.808	ng	94
38) 1-Methylnaphthalene	12.43	142	238592	43.714	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	156646	44.927	ng	98

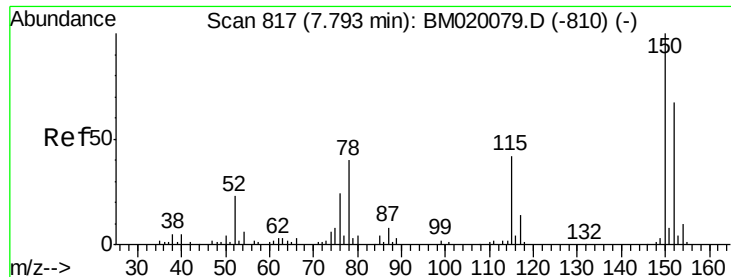
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051419\
 Data File : BM020328.D
 Acq On : 14 May 2019 12:25
 Operator : JU/SJ
 Sample : SSTDCCC040
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Instrument :
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Quant Time: May 14 15:47:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	97559	47.521	ng	98
43) 2,4,6-Trichlorophenol	12.83	196	90591	45.717	ng	94
44) 2,4,5-Trichlorophenol	12.90	196	95696	43.229	ng	96
46) 1,1'-Biphenyl	13.23	154	325613	44.390	ng	99
47) 2-Chloronaphthalene	13.28	162	258295	44.103	ng	99
48) 2-Nitroaniline	13.50	65	76309	36.598	ng	91
49) Acenaphthylene	14.13	152	413981	44.168	ng	98
50) Dimethylphthalate	13.86	163	323997	42.776	ng	99
51) 2,6-Dinitrotoluene	13.99	165	69761	43.729	ng	90
52) Acenaphthene	14.47	154	235072	43.735	ng	98
53) 3-Nitroaniline	14.33	138	59489	40.178	ng	98
54) 2,4-Dinitrophenol	14.54	184	28254	40.085	ng	89
55) Dibenzofuran	14.80	168	398743	43.981	ng	98
56) 4-Nitrophenol	14.64	139	49577	39.244	ng	93
57) 2,4-Dinitrotoluene	14.79	165	93568	43.164	ng	92
58) Fluorene	15.46	166	320847	43.090	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	95011	45.165	ng	97
60) Diethylphthalate	15.23	149	314689	41.238	ng	100
61) 4-Chlorophenyl-phenylether	15.45	204	183663	43.534	ng	94
62) 4-Nitroaniline	15.50	138	51983	31.813	ng	90
63) Azobenzene	15.74	77	356988	39.654	ng	97
65) 4,6-Dinitro-2-methylphenol	15.54	198	49313	46.255	ng	97
66) n-Nitrosodiphenylamine	15.67	169	273133	43.639	ng	98
67) 4-Bromophenyl-phenylether	16.34	248	115493	44.279	ng	96
68) Hexachlorobenzene	16.45	284	136986	45.639	ng	96
69) Atrazine	16.62	200	100209	40.969	ng	97
70) Pentachlorophenol	16.80	266	78114	45.486	ng	97
71) Phenanthrene	17.20	178	521429	44.409	ng	100
72) Anthracene	17.29	178	507950	43.269	ng	99
73) Carbazole	17.57	167	452879	42.754	ng	99
74) Di-n-butylphthalate	18.12	149	540452	42.396	ng	97
75) Fluoranthene	19.22	202	661898	44.555	ng	99
77) Benzidine	19.42	184	179328	23.748	ng	98
78) Pyrene	19.58	202	686620	43.298	ng	99
80) Butylbenzylphthalate	20.48	149	253561	43.970	ng	97
81) Benzo(a)anthracene	21.33	228	725426	43.794	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	256121	40.512	ng	100
83) Chrysene	21.38	228	711806	44.309	ng	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	375362	41.947	ng	99
85) Di-n-octyl phthalate	22.14	149	652881	43.897	ng	97
86) Indeno(1,2,3-cd)pyrene	25.95	276	892594	46.712	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	766571	43.282	ng	99
89) Benzo(k)fluoranthene	22.99	252	707004	43.762	ng	98
90) Benzo(a)pyrene	23.53	252	705898	43.879	ng	99
91) Dibenzo(a,h)anthracene	25.96	278	754362	45.090	ng	100
92) Benzo(g,h,i)perylene	26.66	276	729523	45.929	ng	98

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

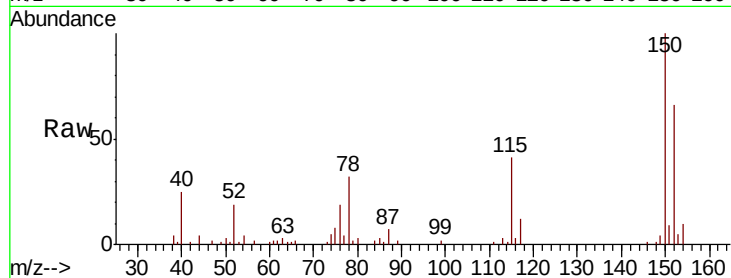


#1

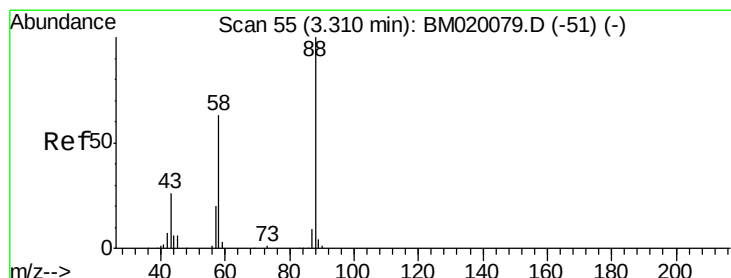
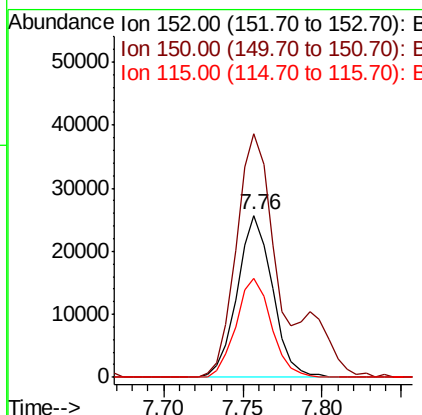
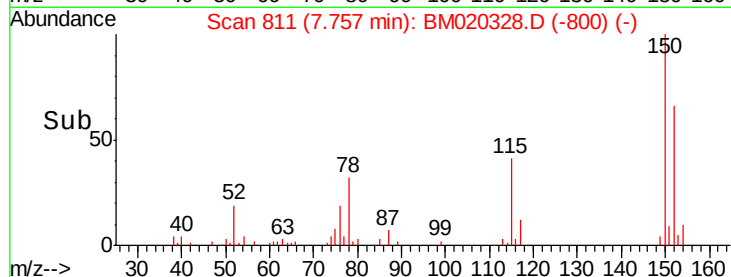
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 39602
Ion Ratio Lower Upper
152 100
150 150.4 119.8 179.8
115 61.5 50.8 76.2



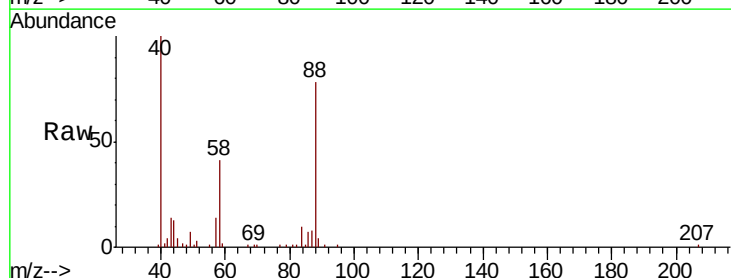
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



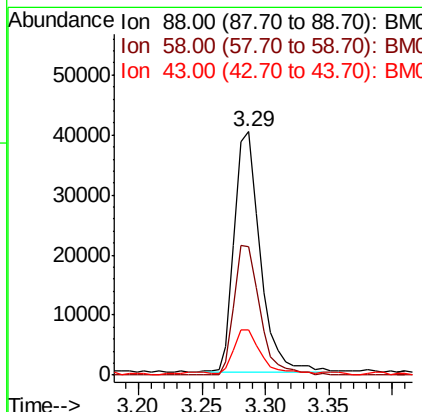
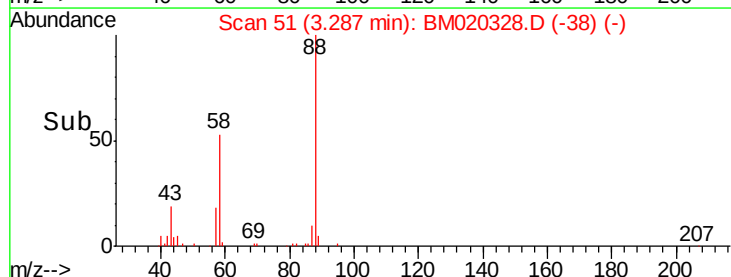
#2

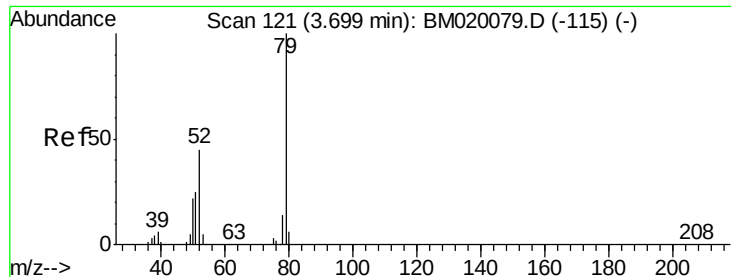
1,4-Dioxane
Concen: 47.548 ng
RT: 3.29 min Scan# 51
Delta R.T. -0.02 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion: 88 Resp: 56498
Ion Ratio Lower Upper
88 100
58 53.9 51.8 77.6
43 21.0 20.3 30.5



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. -0.01 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

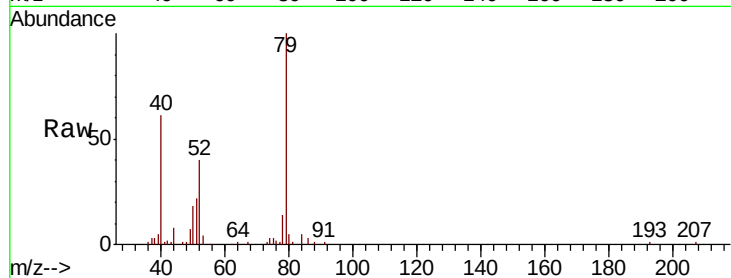
Tot Ion: 79 Resp: 144615

Ion Ratio Lower Upper

79 100

52 40.1 35.7 53.5

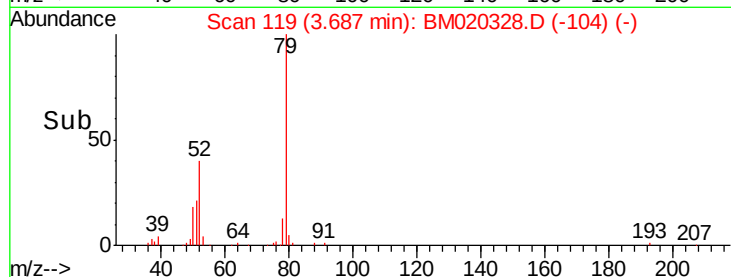
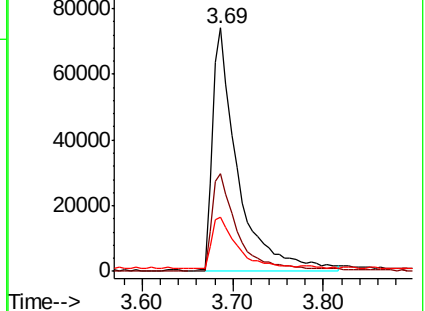
51 22.2 20.8 31.2



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. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

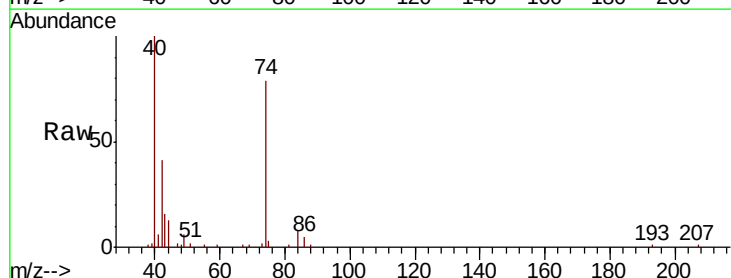
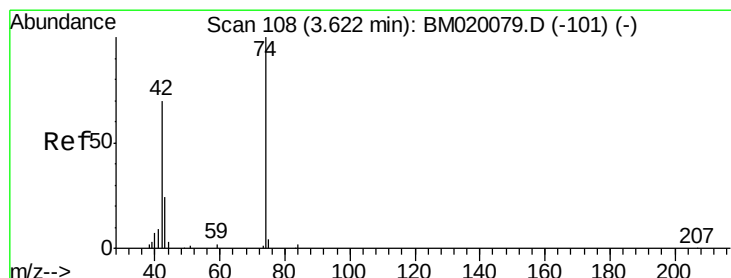
Tgt Ion: 42 Resp: 40644

Ion Ratio Lower Upper

42 100

74 191.9 113.7 170.5#

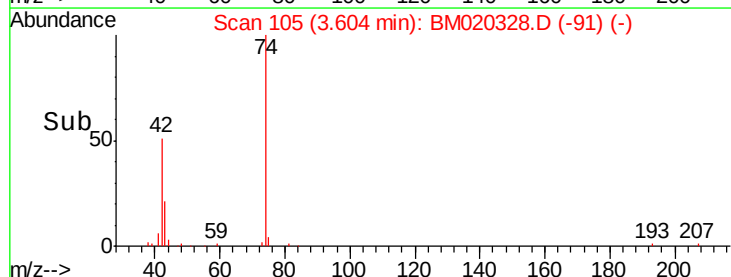
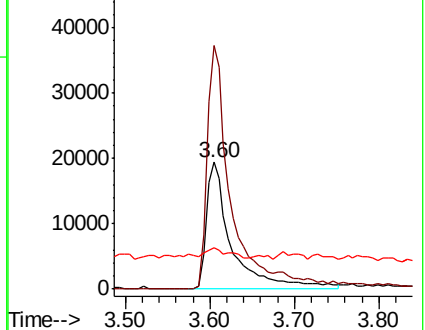
44 32.2 3.9 5.9#

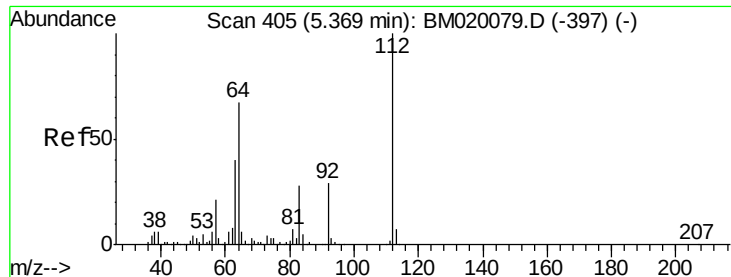


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

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. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

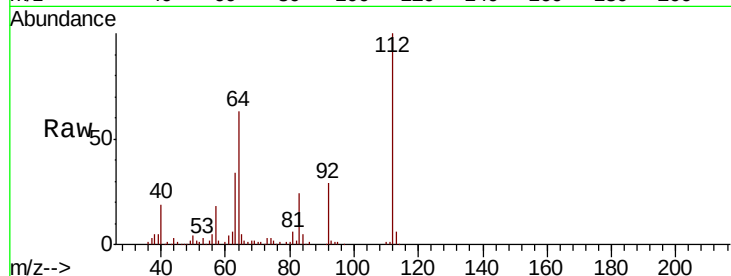
Tot Ion:112 Resp: 221713

Ion Ratio Lower Upper

112 100

64 62.6 53.8 80.6

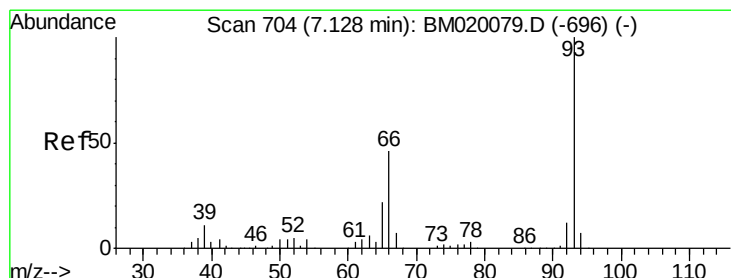
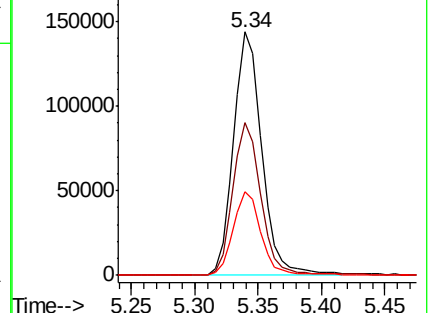
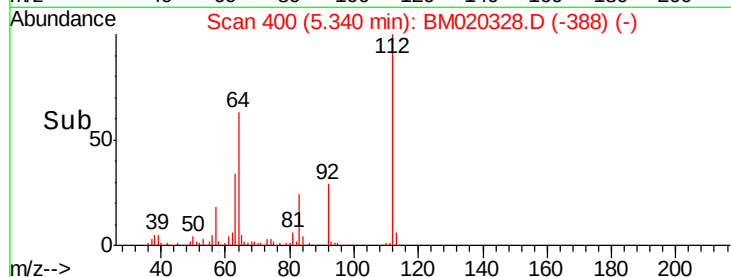
63 34.3 32.3 48.5



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. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

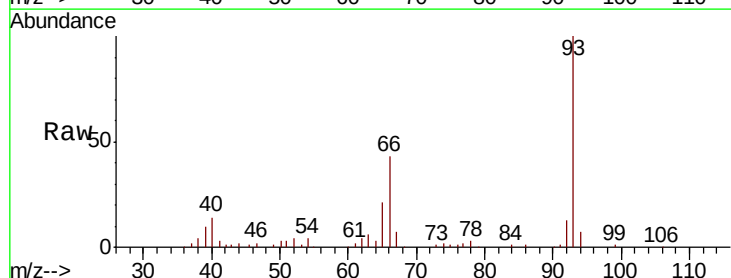
Tgt Ion: 93 Resp: 176228

Ion Ratio Lower Upper

93 100

66 43.1 36.6 54.8

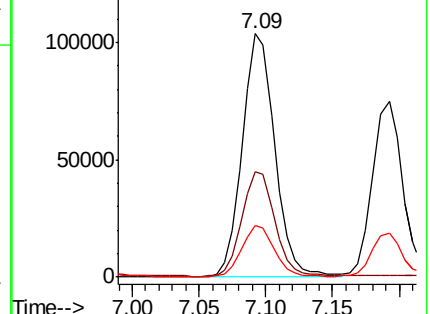
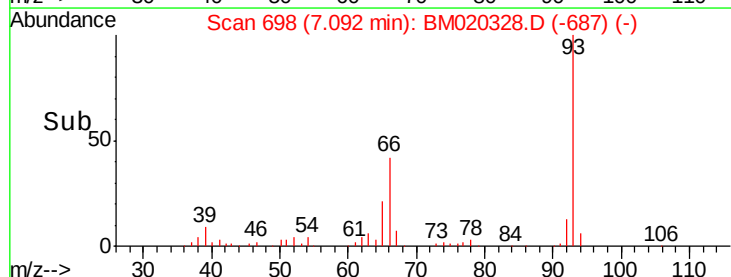
65 21.1 17.8 26.6

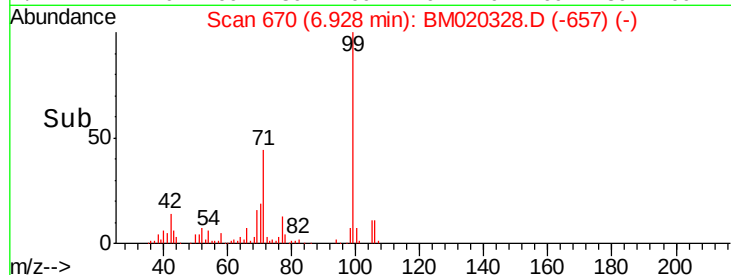
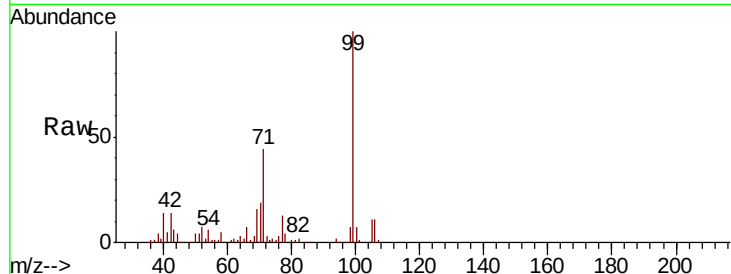
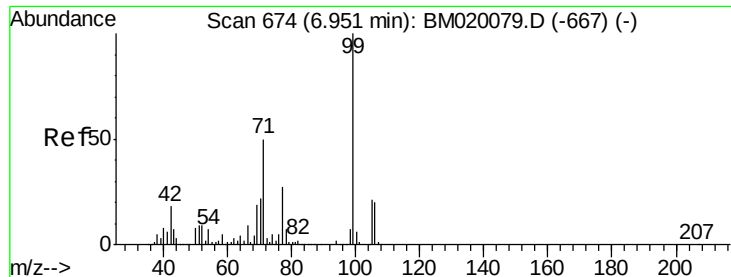


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 85.411 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

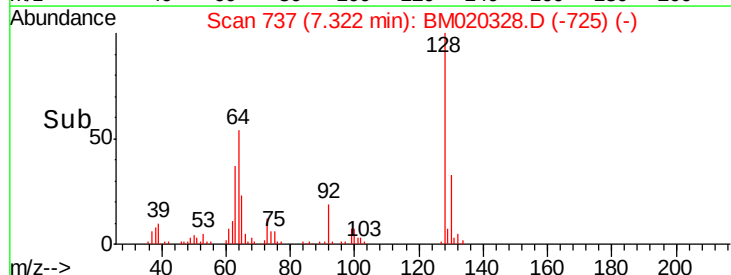
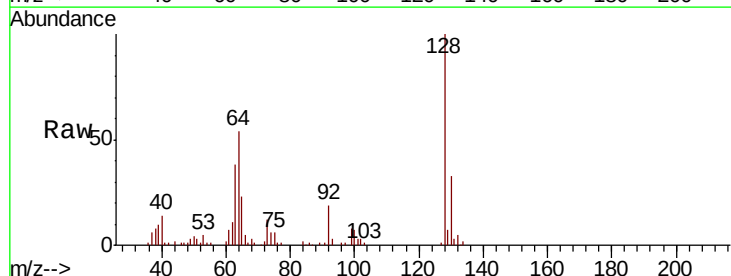
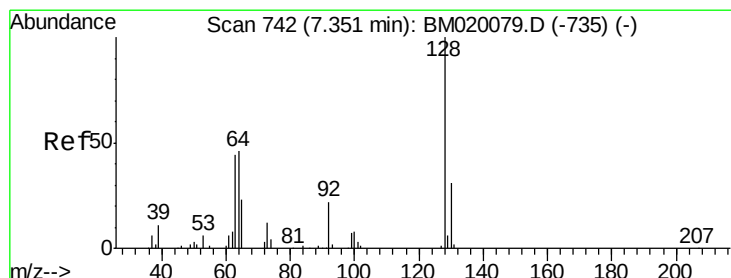
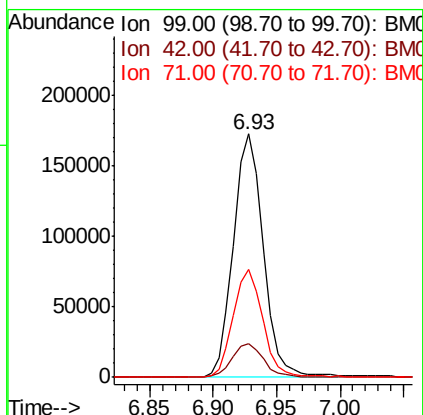
Tot Ion: 99 Resp: 282694

Ion Ratio Lower Upper

99 100

42 14.0 14.2 21.2#

71 44.5 40.3 60.5



#8

2-Chlorophenol

Concen: 44.379 ng

RT: 7.32 min Scan# 737

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

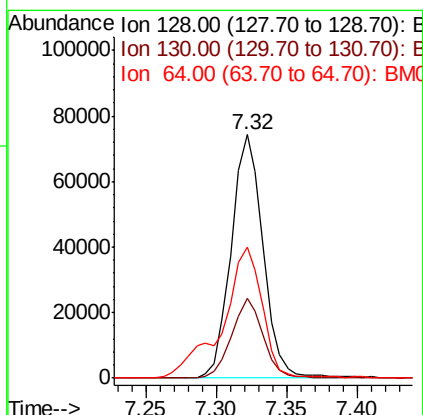
Tgt Ion: 128 Resp: 117072

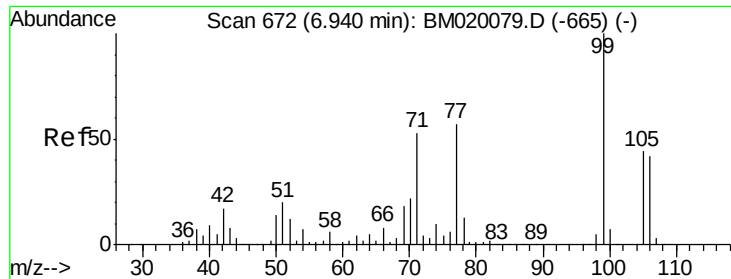
Ion Ratio Lower Upper

128 100

130 32.9 10.8 50.8

64 53.9 36.5 76.5





#9

Benzaldehyde

Concen: 37.867 ng

RT: 6.91 min Scan# 667

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

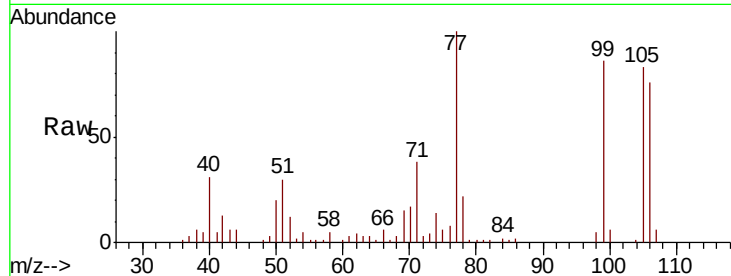
Tot Ion: 77 Resp: 94860

Ion Ratio Lower Upper

77 100

105 82.9 57.8 97.8

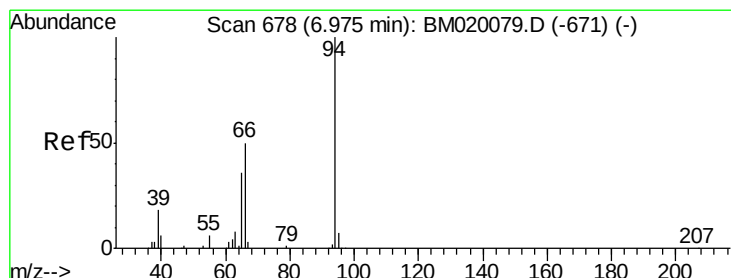
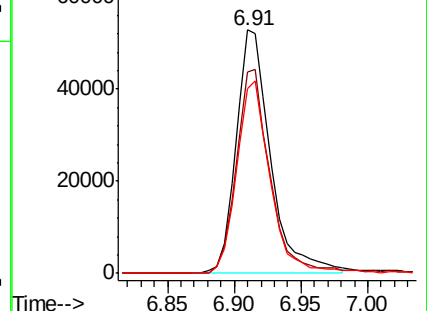
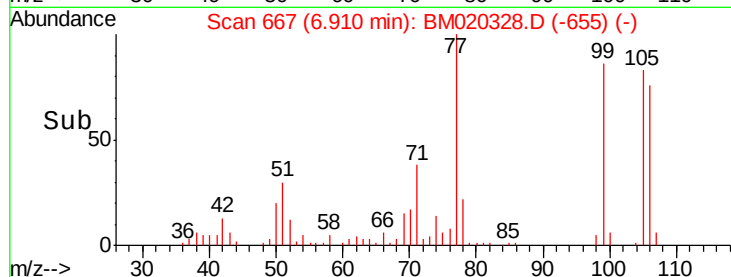
106 76.1 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020079.D (-665) (-)



#10

Phenol

Concen: 42.800 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

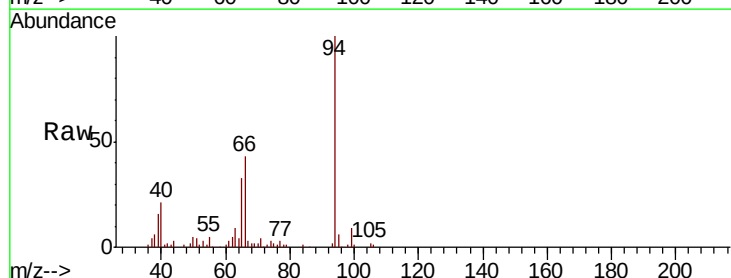
Tgt Ion: 94 Resp: 152501

Ion Ratio Lower Upper

94 100

65 33.1 17.0 57.0

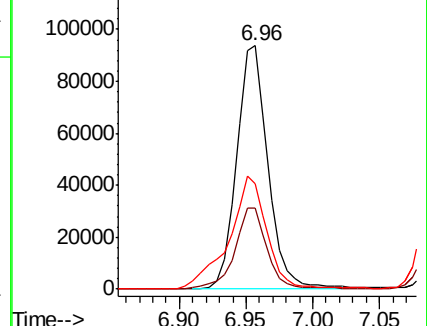
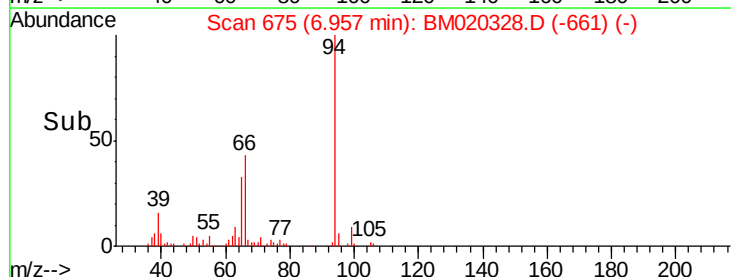
66 43.4 34.5 74.5

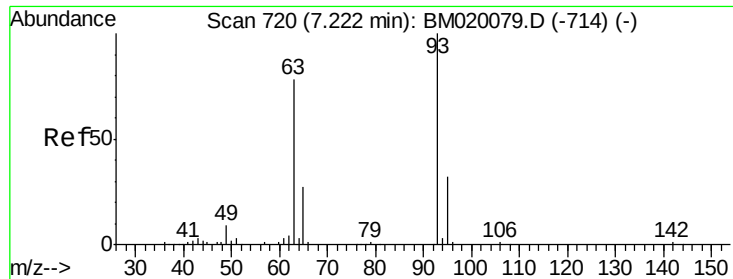


Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020079.D (-671) (-)

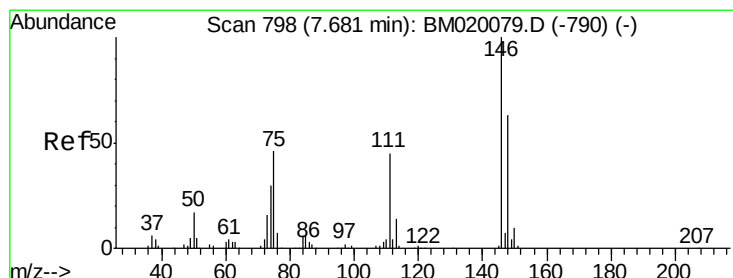
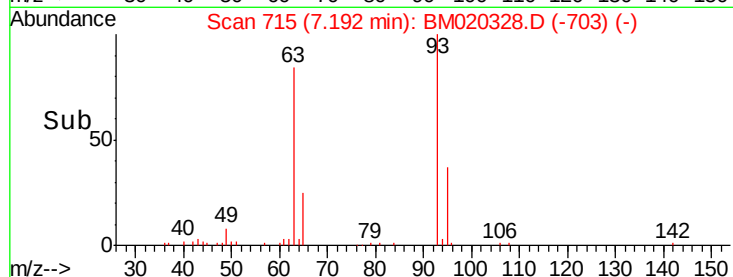
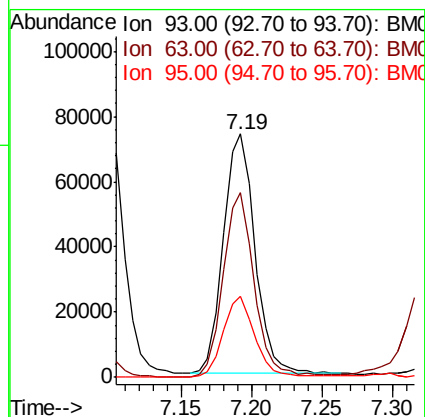
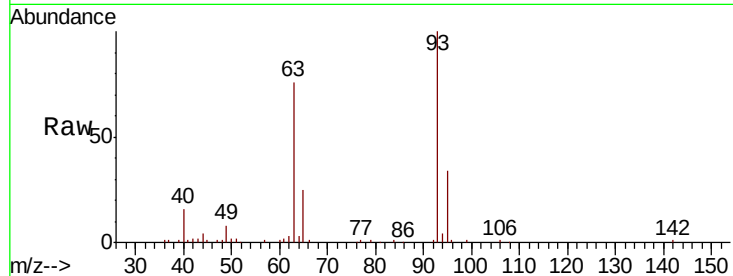




#11
bis(2-Chloroethyl)ether
Concen: 44.159 ng
RT: 7.19 min Scan# 715
Delta R.T. -0.03 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

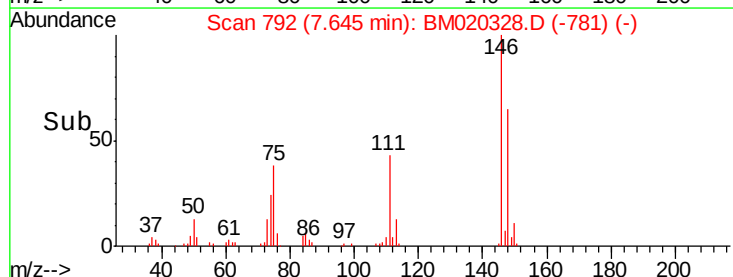
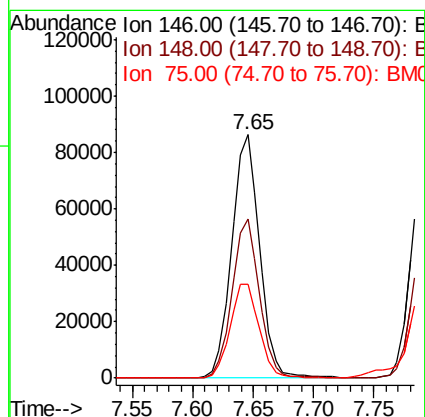
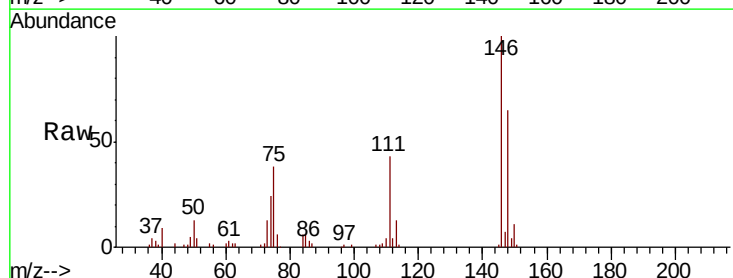
Instrument :
BNA_M
ClientSampleId :

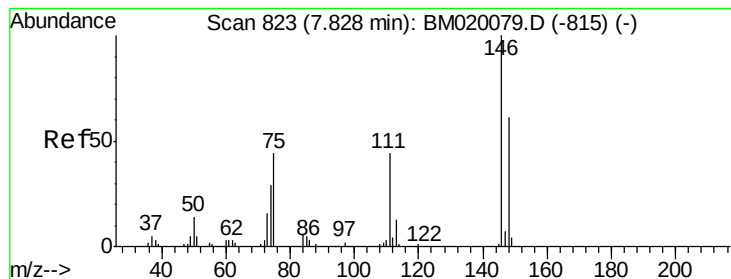
Tot Ion: 93 Resp: 114360
Ion Ratio Lower Upper
93 100
63 75.9 57.9 97.9
95 33.6 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 45.133 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.04 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 50.1 75.1
75 38.5 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 44.430 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

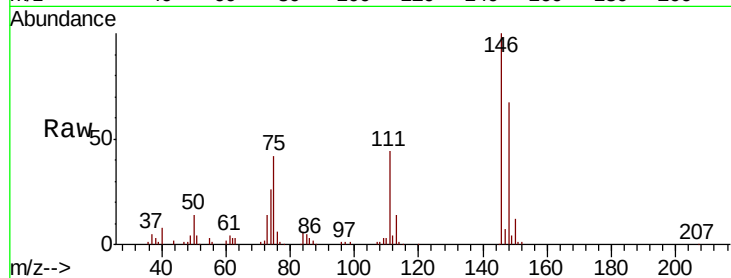
Tot Ion:146 Resp: 137760

Ion Ratio Lower Upper

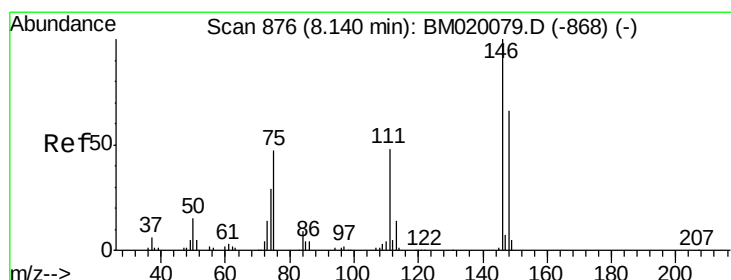
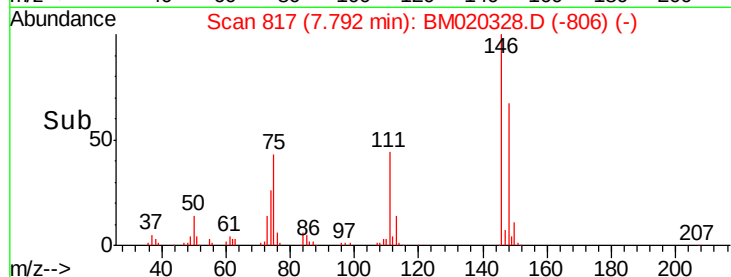
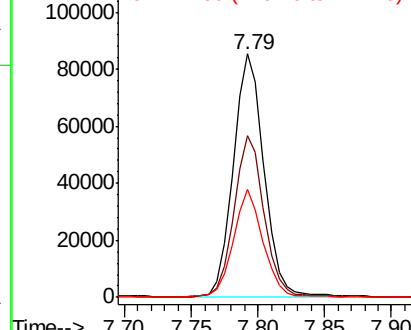
146 100

148 66.6 48.5 72.7

111 44.3 35.7 53.5



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. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

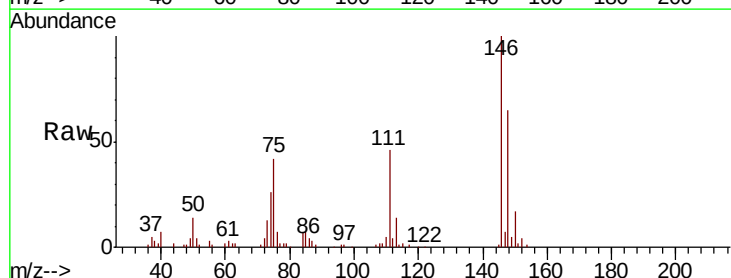
Tgt Ion:146 Resp: 132085

Ion Ratio Lower Upper

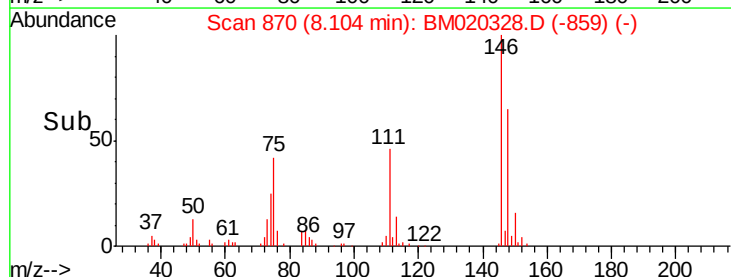
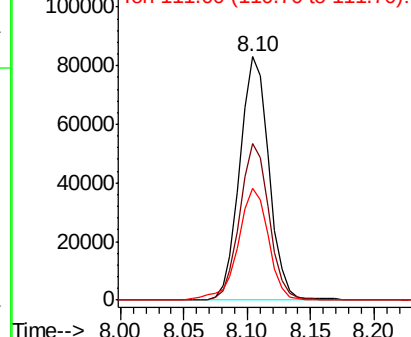
146 100

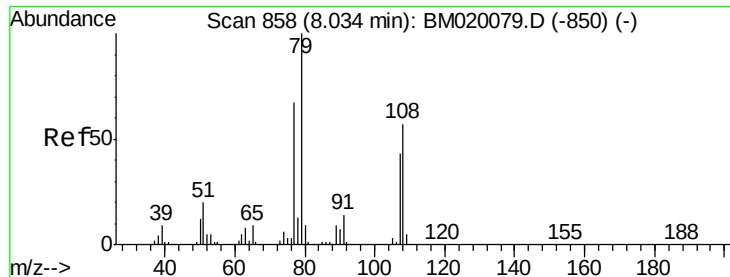
148 64.5 52.6 79.0

111 45.8 39.0 58.4



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. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

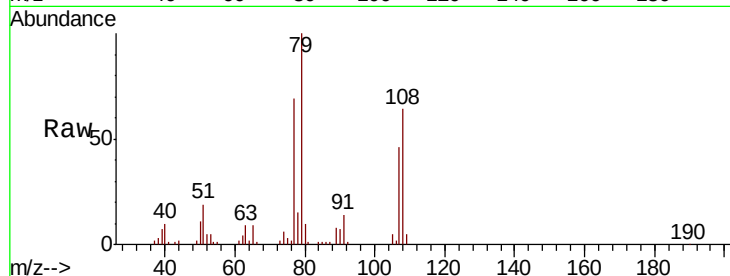
Tot Ion: 79 Resp: 111686

Ion Ratio Lower Upper

79 100

108 64.4 46.0 69.0

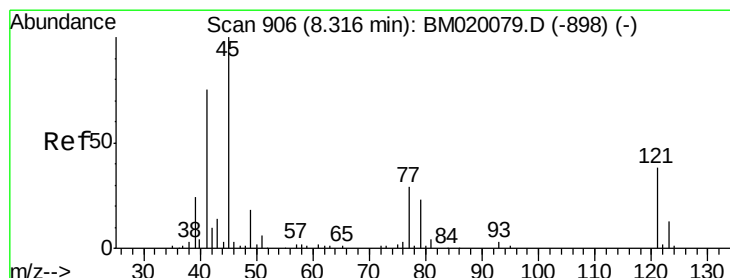
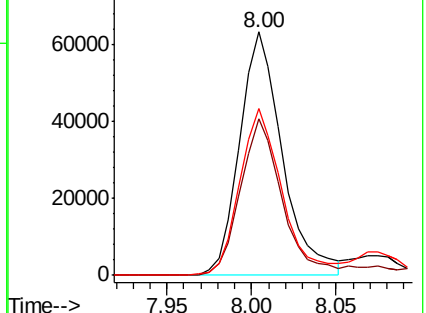
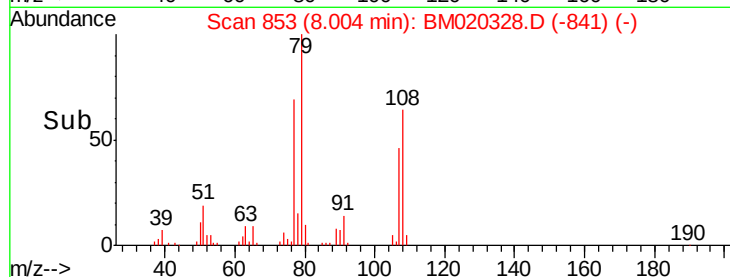
77 68.7 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020328.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020328.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020328.D (-841) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.146 ng

RT: 8.29 min Scan# 901

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

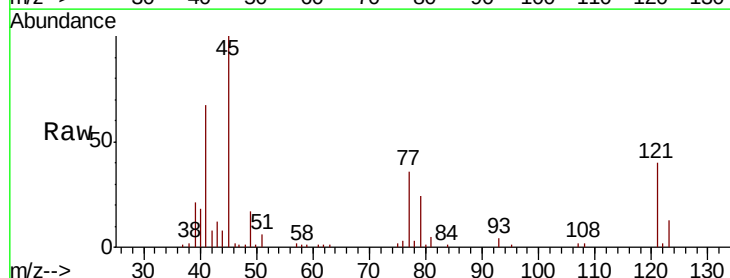
Tgt Ion: 45 Resp: 88358

Ion Ratio Lower Upper

45 100

77 36.2 10.5 50.5

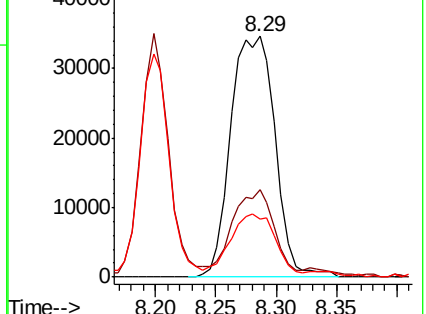
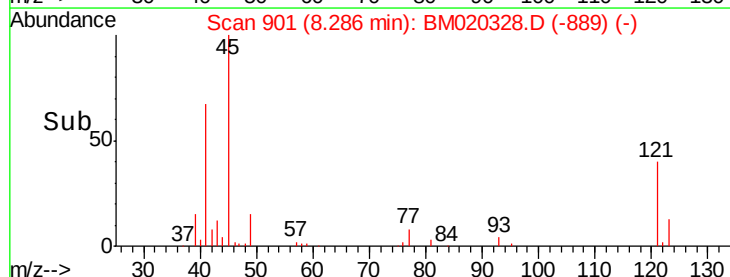
79 24.2 3.3 43.3

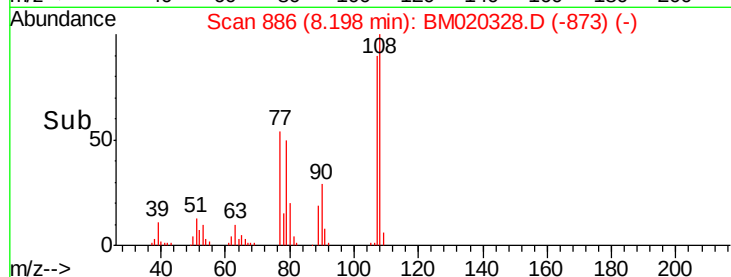
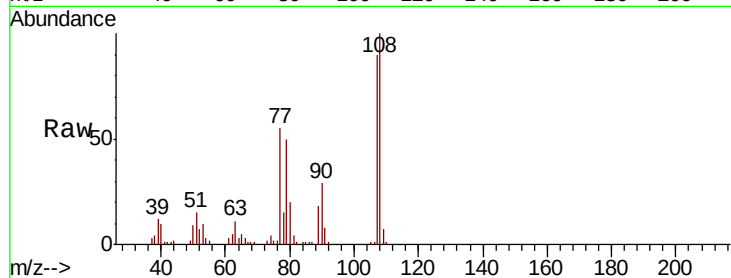
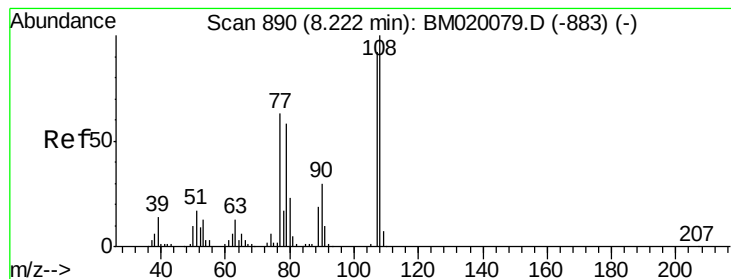


Abundance Ion 45.00 (44.70 to 45.70): BM020328.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020328.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020328.D (-889) (-)





#17

2-Methylphenol

Concen: 41.124 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 94326

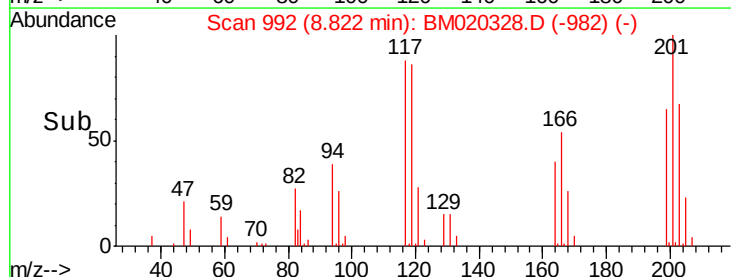
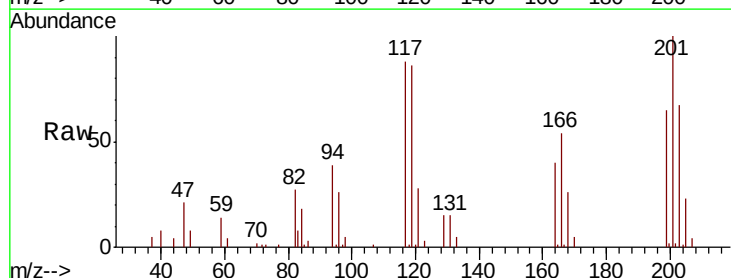
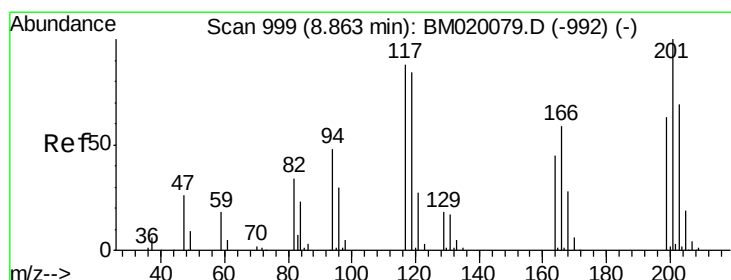
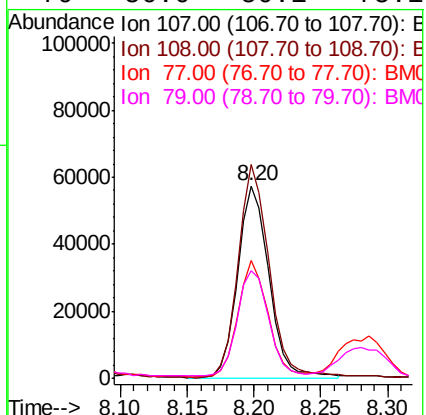
Ion Ratio Lower Upper

107 100

108 111.0 87.0 130.4

77 61.0 54.7 82.1

79 56.0 50.1 75.1



#18

Hexachloroethane

Concen: 42.961 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

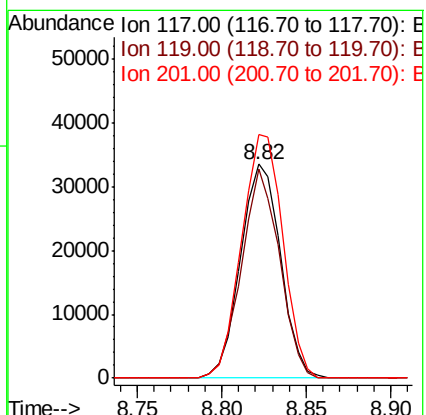
Tgt Ion:117 Resp: 55541

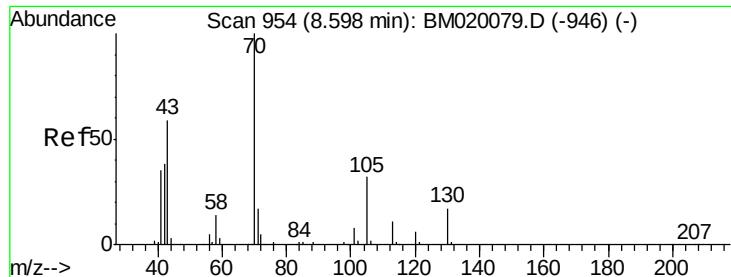
Ion Ratio Lower Upper

117 100

119 97.7 76.6 114.8

201 113.8 90.7 136.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.136 ng

RT: 8.56 min Scan# 948

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 107990

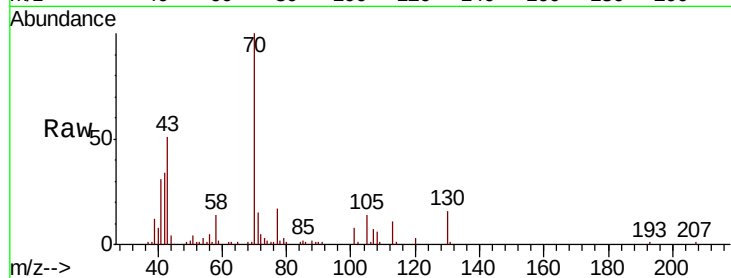
Ion	Ratio	Lower	Upper
70	100		
42	33.8	31.0	46.4
101	8.2	6.2	9.2
130	16.1	13.5	20.3

70 100

42 33.8 31.0 46.4

101 8.2 6.2 9.2

130 16.1 13.5 20.3



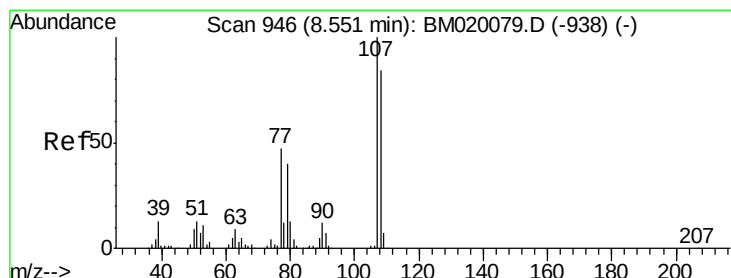
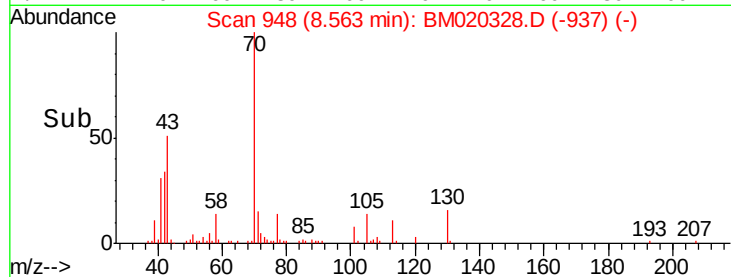
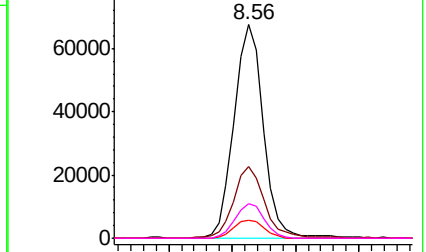
Abundance

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: 38.997 ng

RT: 8.53 min Scan# 942

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Tgt Ion:107 Resp: 118881

Ion	Ratio	Lower	Upper
107	100		
108	91.3	64.4	104.4
77	43.5	27.2	67.2
79	37.8	19.6	59.6

107 100

108 91.3 64.4 104.4

77 43.5 27.2 67.2

79 37.8 19.6 59.6

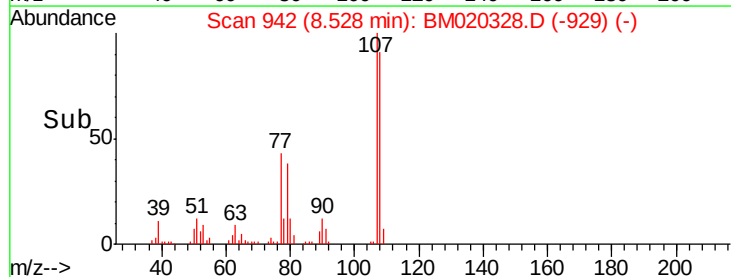
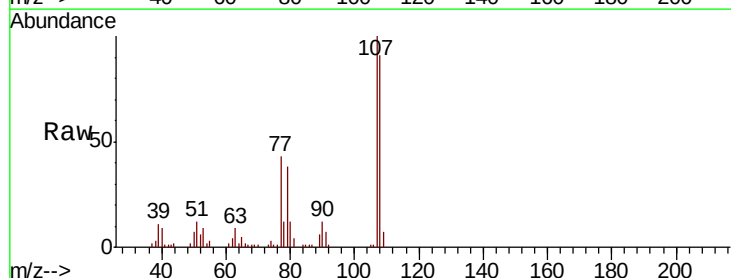
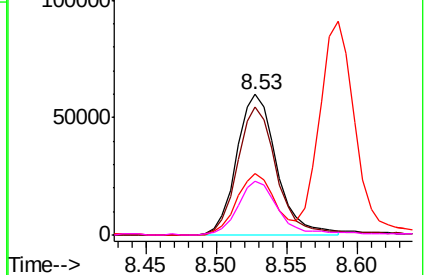
Abundance

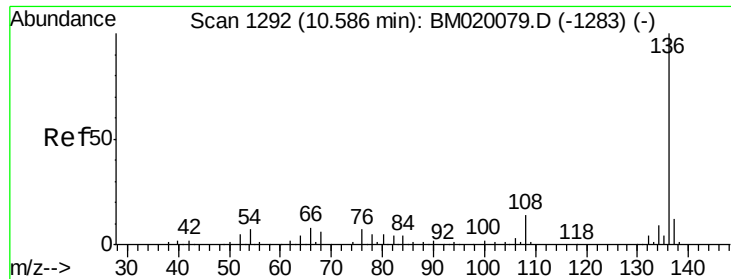
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

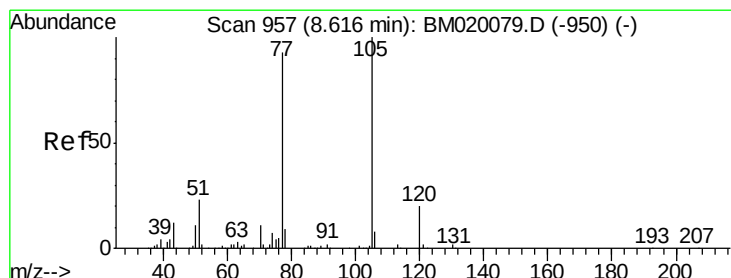
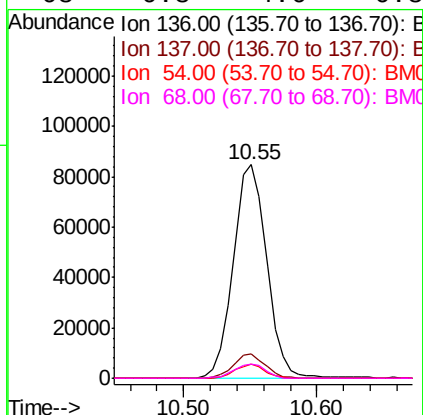
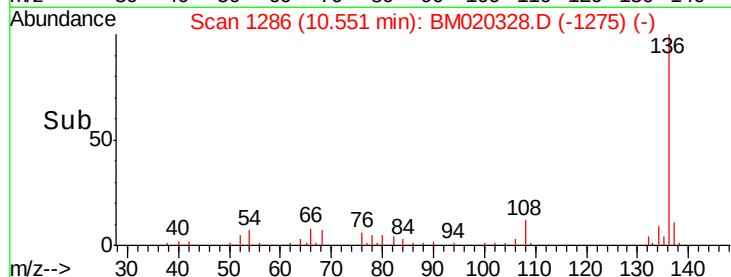
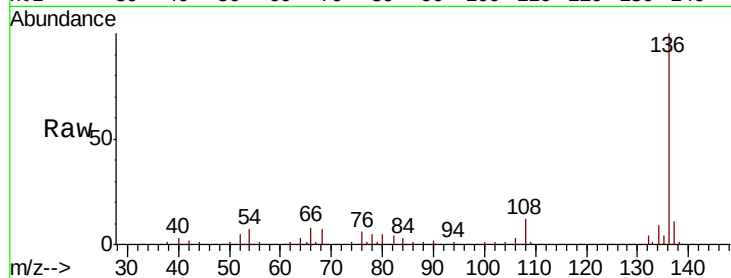




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

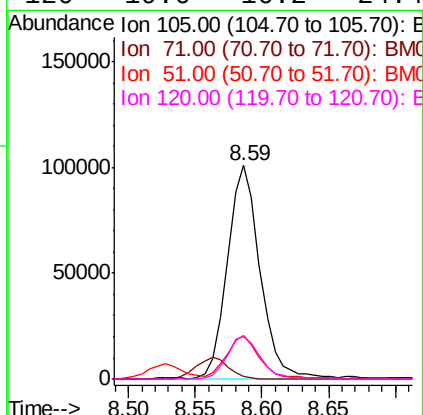
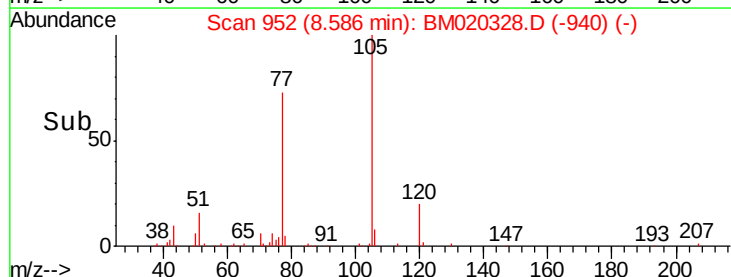
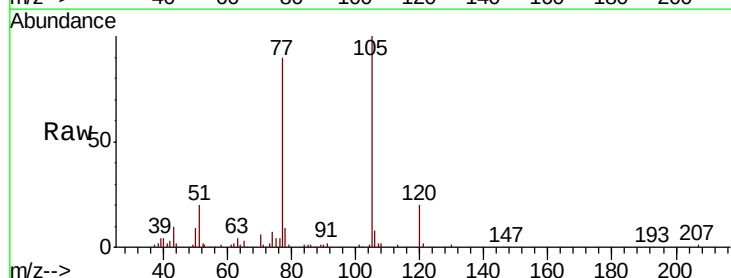
Instrument :
BNA_M
ClientSampleId :

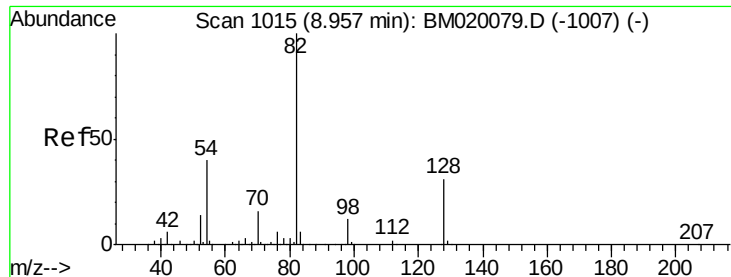
Tot Ion:136	Resp:	147535
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	6.6	5.5 8.3
68	6.8	4.6 6.8



#22
Acetophenone
Concen: 43.110 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.03 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	2.2 3.2#
51	20.2	19.3 28.9
120	19.6	16.2 24.4





#23

Nitrobenzene-d5

Concen: 84.381 ng

RT: 8.93 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

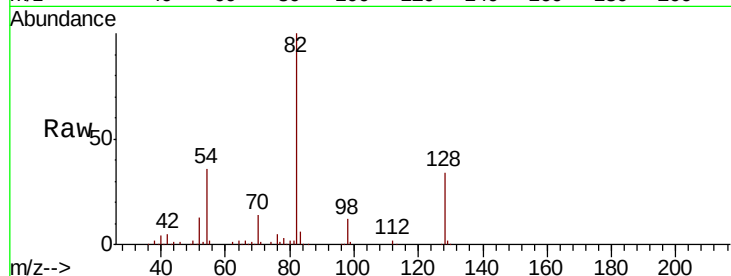
Tot Ion: 82 Resp: 315329

Ion Ratio Lower Upper

82 100

128 33.6 25.2 37.8

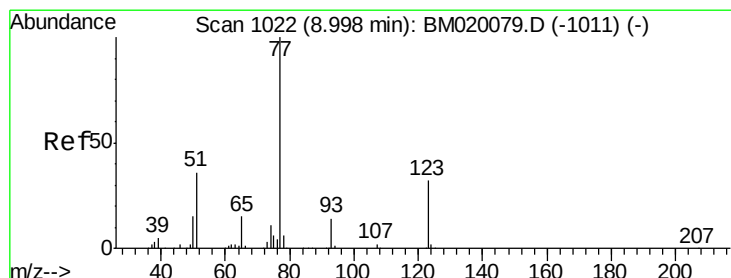
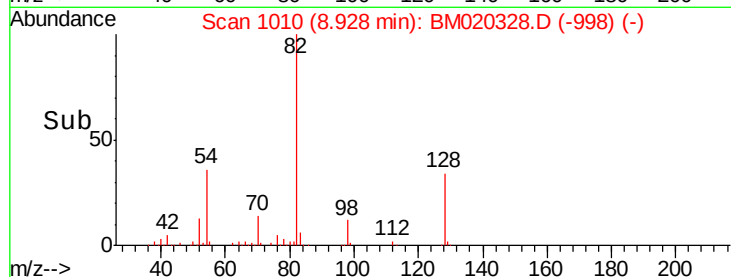
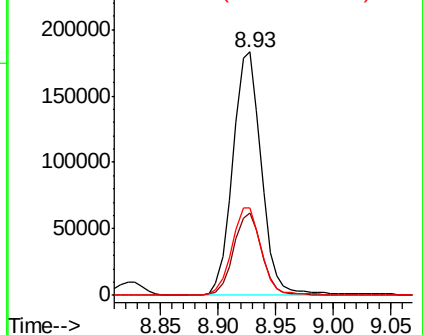
54 35.8 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#24

Nitrobenzene

Concen: 42.045 ng

RT: 8.97 min Scan# 1017

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

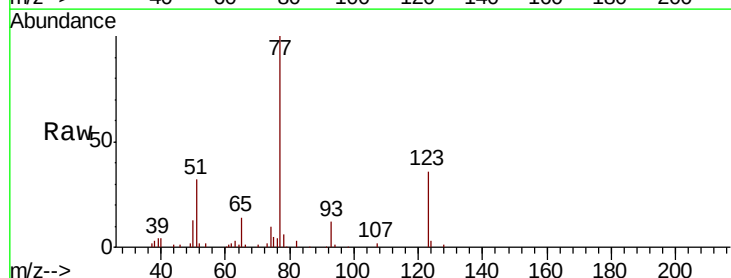
Tgt Ion: 77 Resp: 162906

Ion Ratio Lower Upper

77 100

123 35.9 25.5 38.3

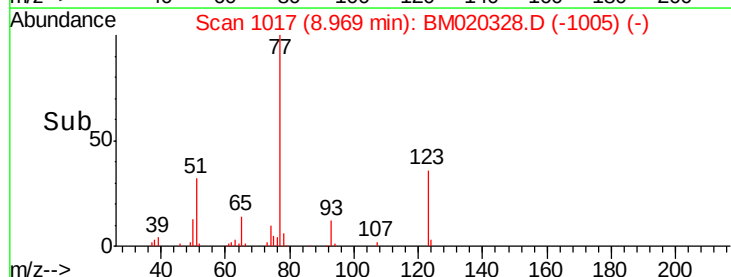
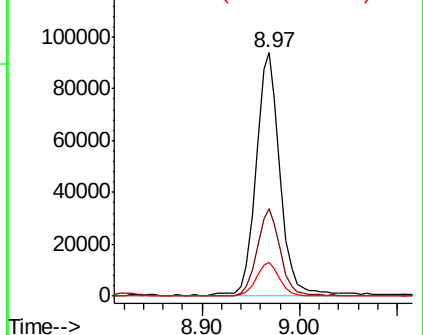
65 13.8 11.8 17.6

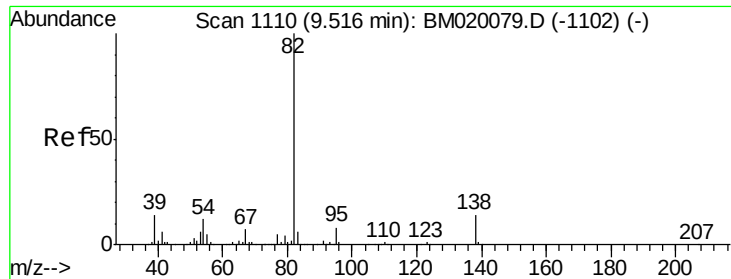


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-1011) (-)

Ion 123.00 (122.70 to 123.70): BM020079.D (-1011) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1011) (-)





#25

Isophorone

Concen: 42.036 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

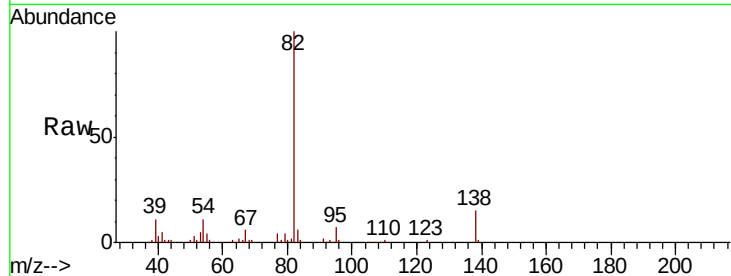
Tot Ion: 82 Resp: 270891

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

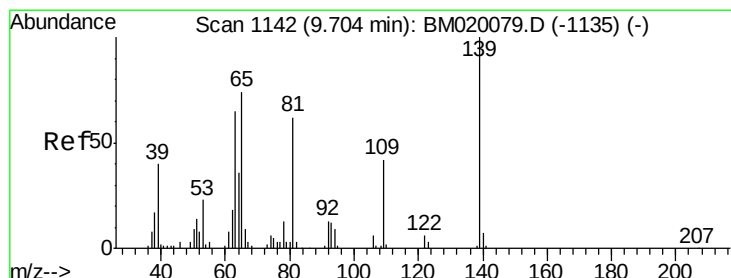
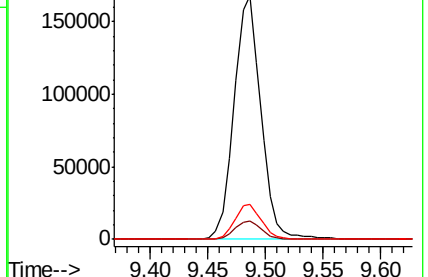
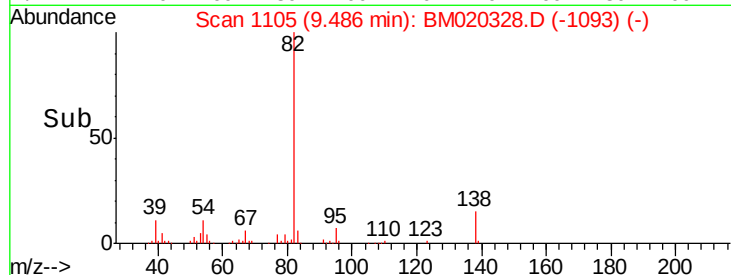
138 14.5 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020328.D (-1105) (-)

Ion 95.00 (94.70 to 95.70): BM020328.D (-1105) (-)

Ion 138.00 (137.70 to 138.70): BM020328.D (-1105) (-)



#26

2-Nitrophenol

Concen: 48.363 ng

RT: 9.67 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

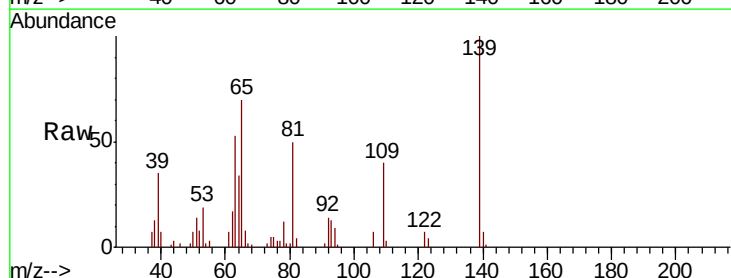
Tgt Ion: 139 Resp: 56572

Ion Ratio Lower Upper

139 100

109 40.3 33.7 50.5

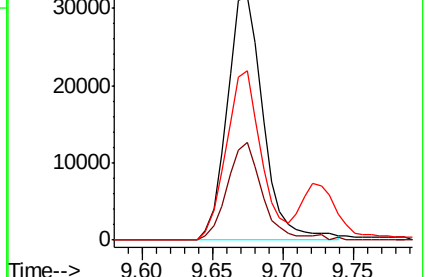
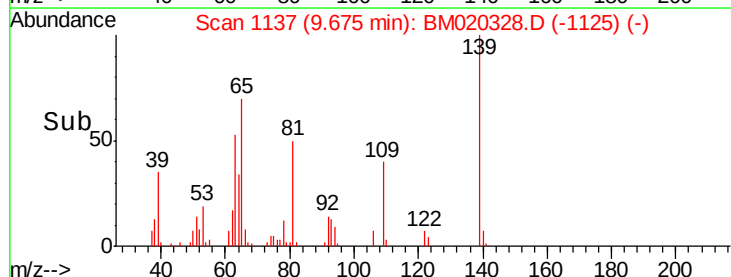
65 69.8 59.5 89.3

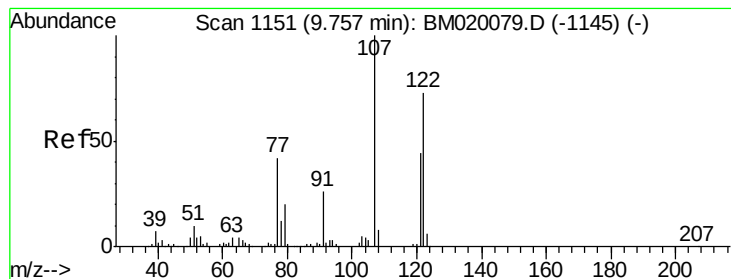


Abundance Ion 139.00 (138.70 to 139.70): BM020328.D (-1137) (-)

Ion 109.00 (108.70 to 109.70): BM020328.D (-1137) (-)

Ion 65.00 (64.70 to 65.70): BM020328.D (-1137) (-)





#27

2,4-Dimethylphenol

Concen: 40.178 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

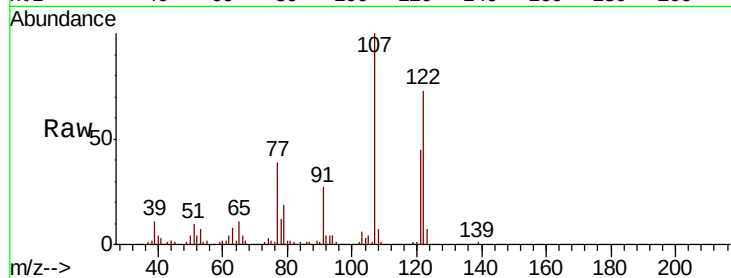
Tot Ion:122 Resp: 78244

Ion Ratio Lower Upper

122 100

107 137.7 108.6 162.8

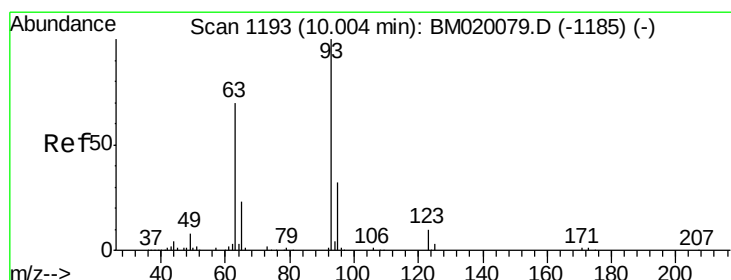
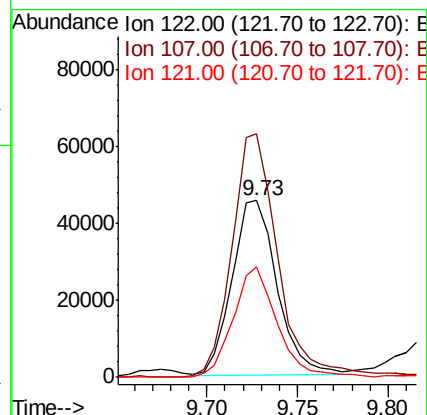
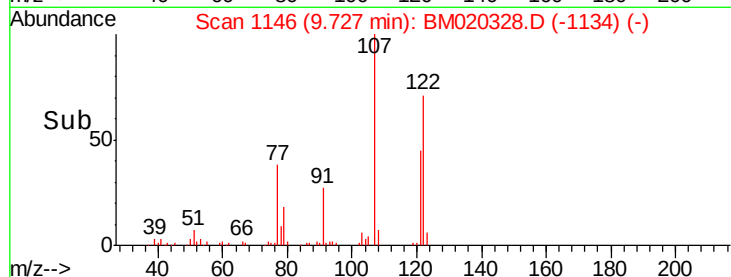
121 62.6 47.4 71.2



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: 43.137 ng

RT: 9.97 min Scan# 1187

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

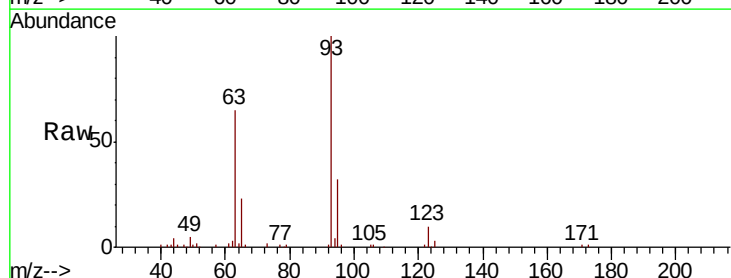
Tgt Ion: 93 Resp: 151402

Ion Ratio Lower Upper

93 100

95 31.6 25.5 38.3

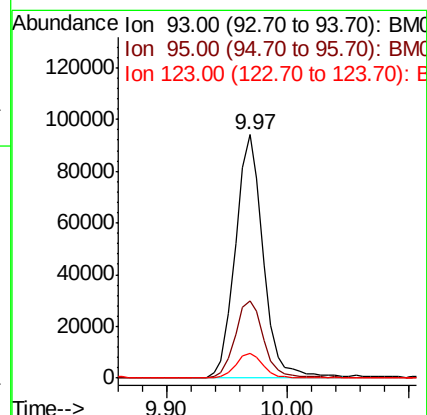
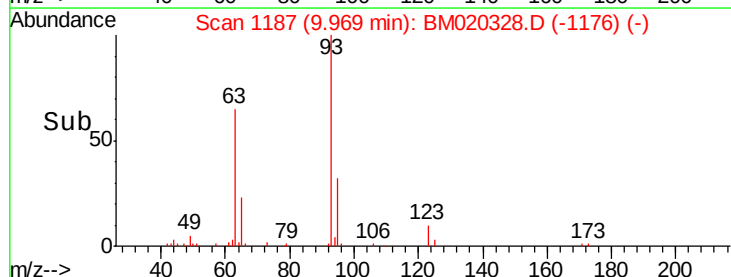
123 10.4 7.6 11.4

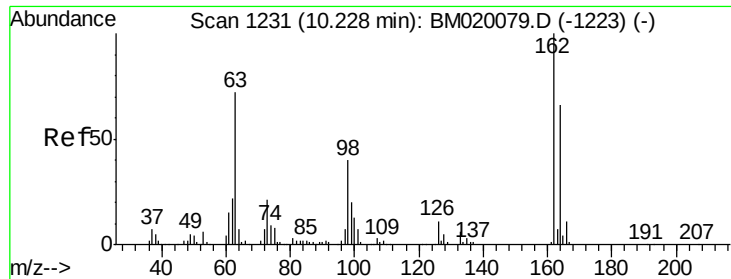


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

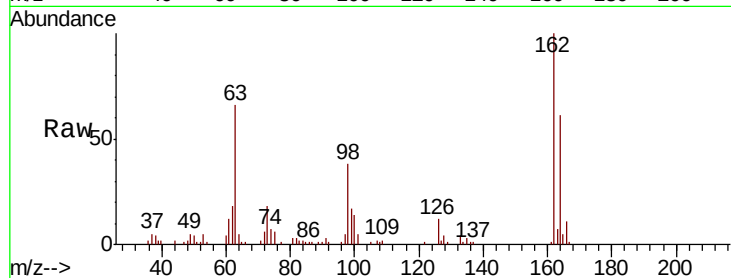




#29
 2,4-Dichlorophenol
 Concen: 42.709 ng
 RT: 10.20 min Scan# 1226
 Delta R.T. -0.03 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	45.6	85.6
98	38.0	20.4	60.4

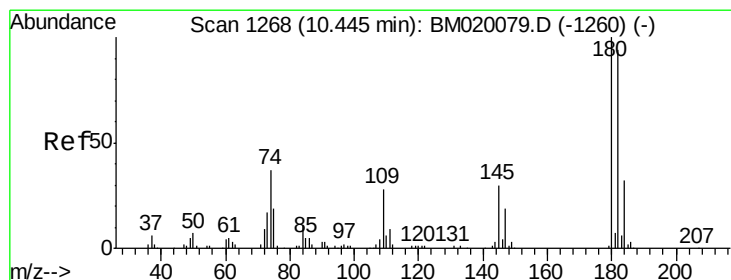
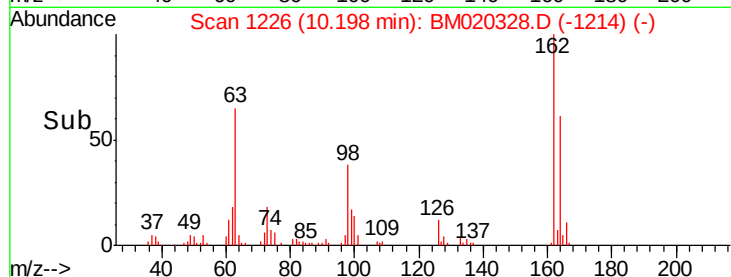
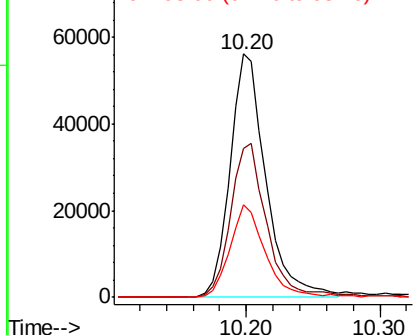


Abundance

Ion 162.00 (161.70 to 162.70): E

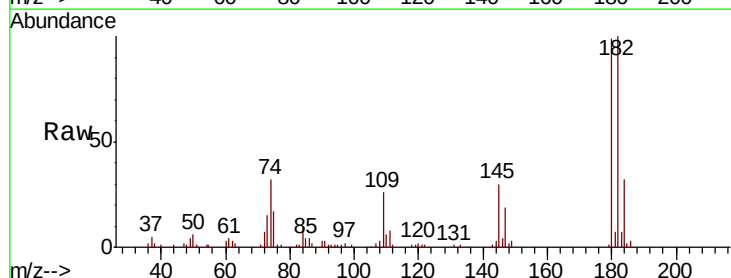
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 44.212 ng
 RT: 10.41 min Scan# 1262
 Delta R.T. -0.04 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.8	75.4	113.0
145	29.7	23.8	35.8

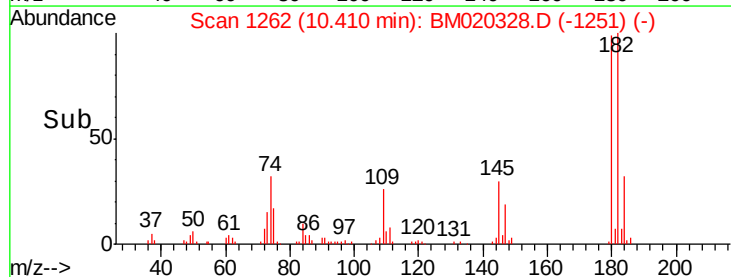
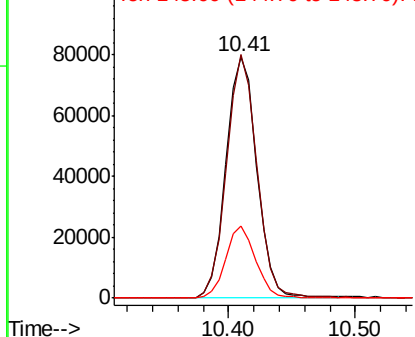


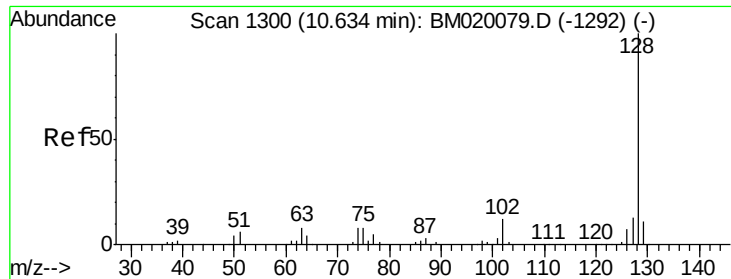
Abundance

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

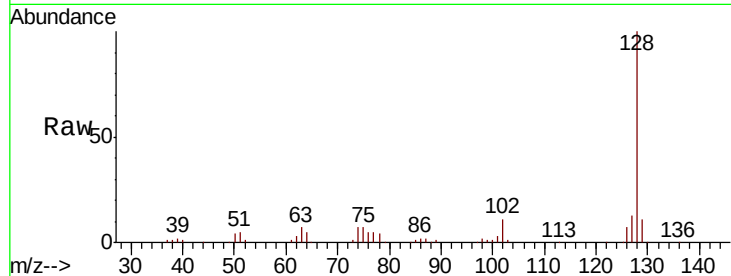




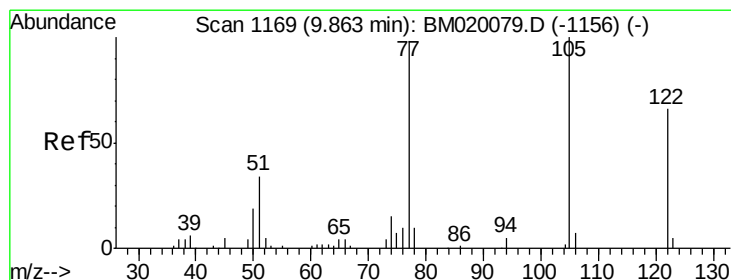
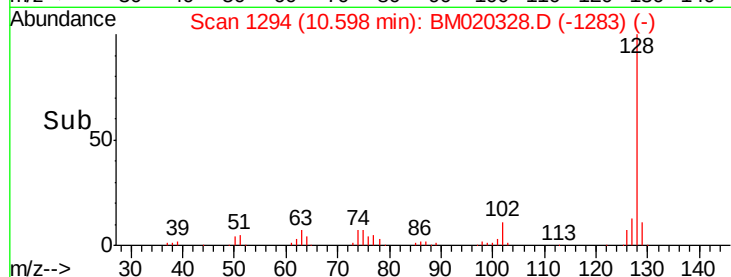
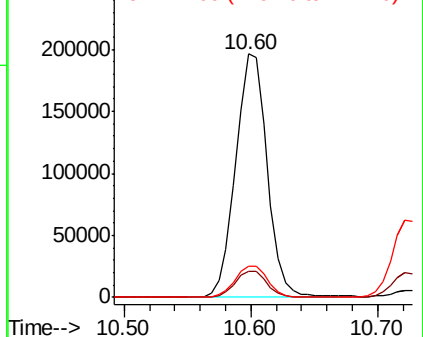
#31
Naphthalene
Concen: 44.236 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 338679
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.7 10.4 15.6

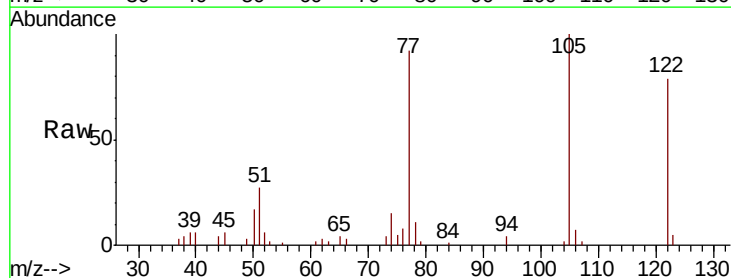


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

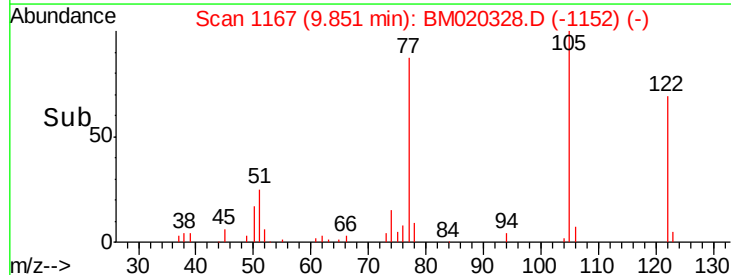
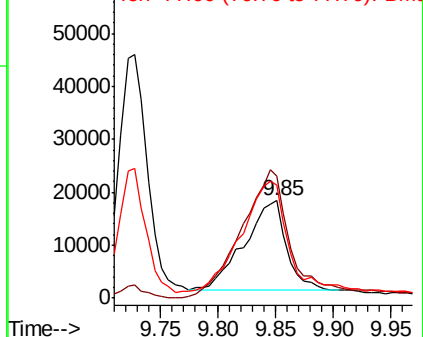


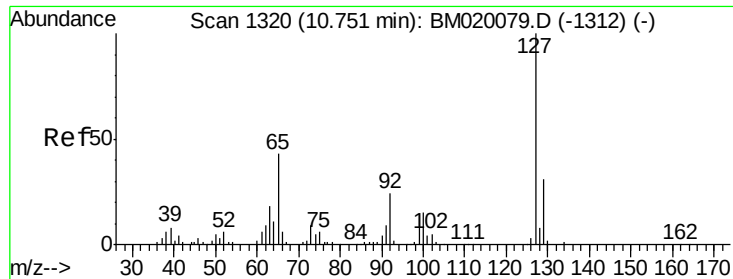
#32
Benzoic acid
Concen: 33.611 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:122 Resp: 43388
Ion Ratio Lower Upper
122 100
105 126.0 122.5 162.5
77 116.3 123.3 163.3#



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

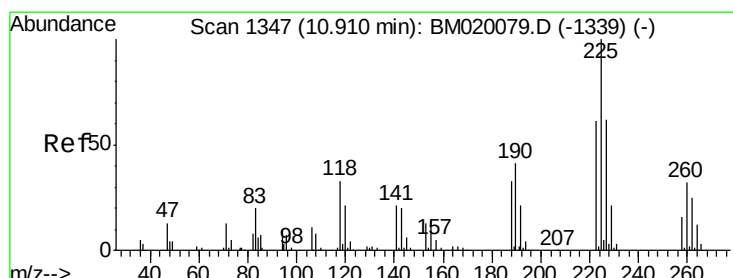
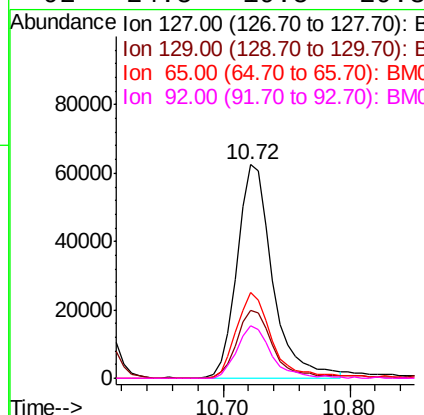
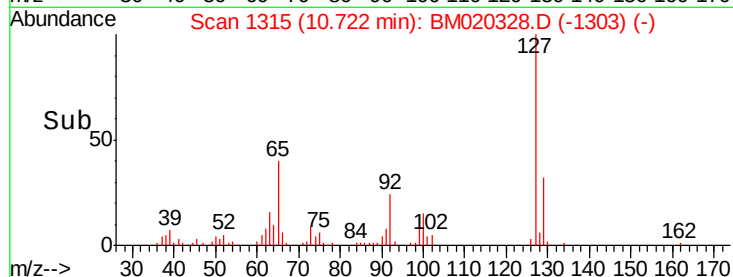
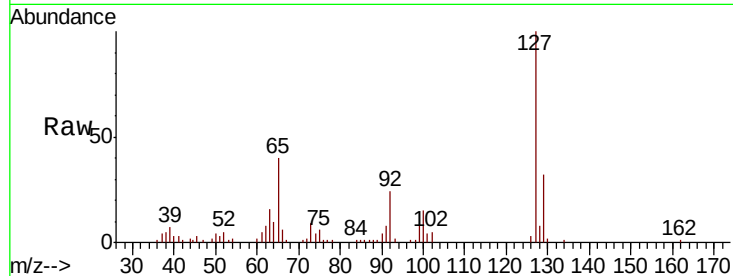




#33
4-Chloroaniline
Concen: 38.598 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

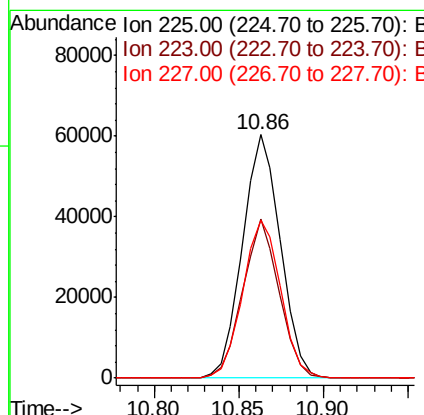
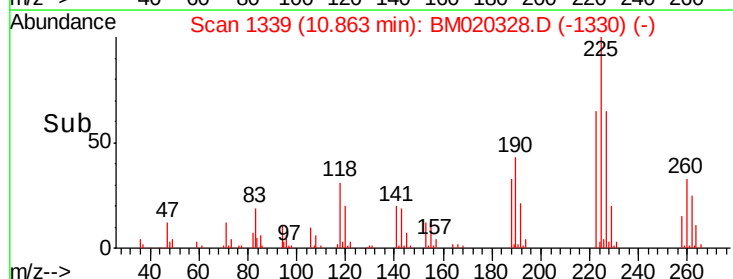
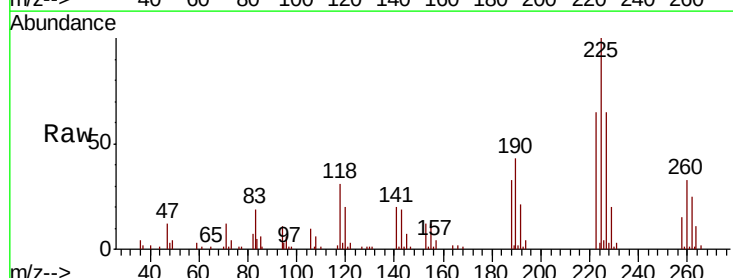
Instrument :
BNA_M
ClientSampled :

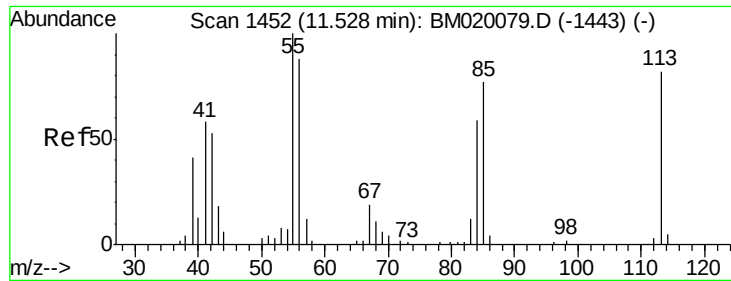
Tot Ion:	127	Resp:	121629
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.7	37.1
65	40.3	34.6	52.0
92	24.5	19.5	29.3



#34
Hexachlorobutadiene
Concen: 44.075 ng
RT: 10.86 min Scan# 1339
Delta R.T. -0.05 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	48.9	73.3
227	64.9	49.6	74.4





#35

Caprolactam

Concen: 37.573 ng

RT: 11.52 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

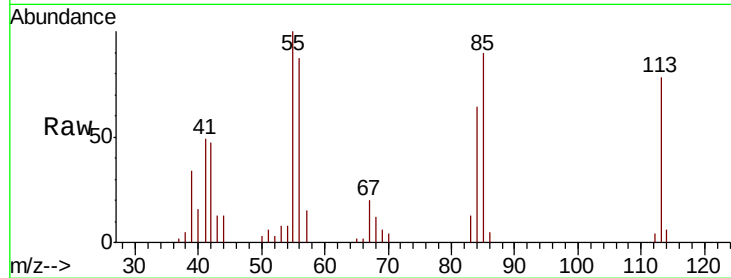
Tot Ion:113 Resp: 27589

Ion Ratio Lower Upper

113 100

55 128.6 102.5 142.5

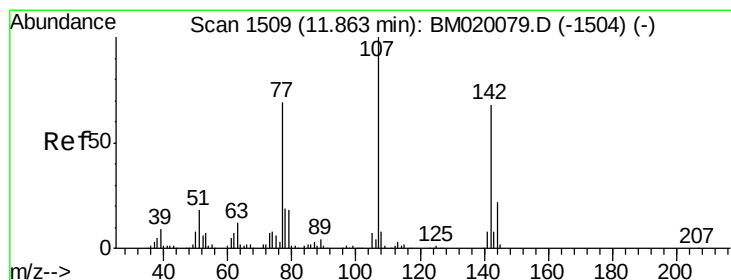
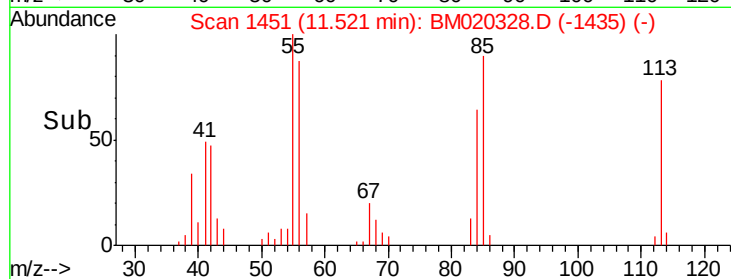
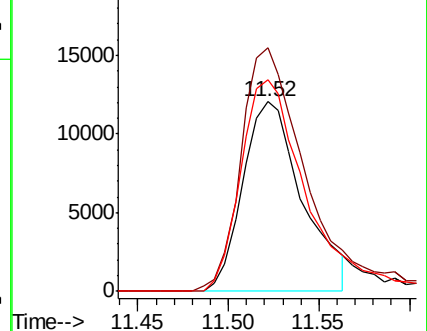
56 111.6 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.944 ng

RT: 11.84 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

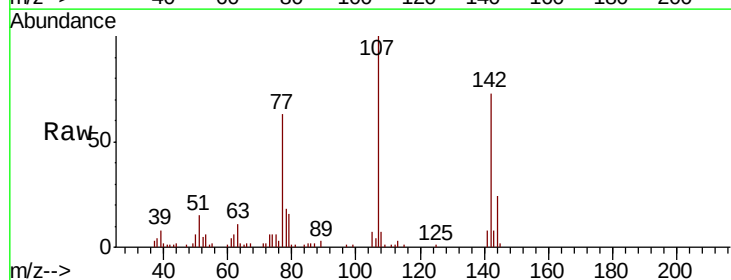
Tgt Ion:107 Resp: 112382

Ion Ratio Lower Upper

107 100

144 23.8 17.6 26.4

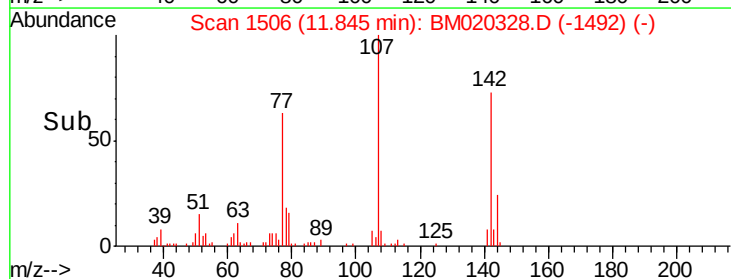
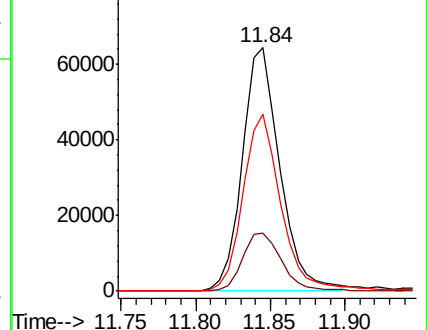
142 72.6 54.6 82.0

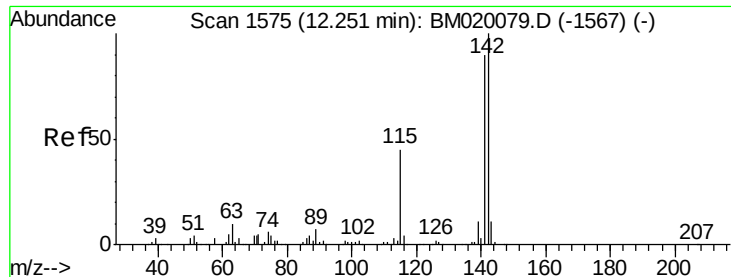


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

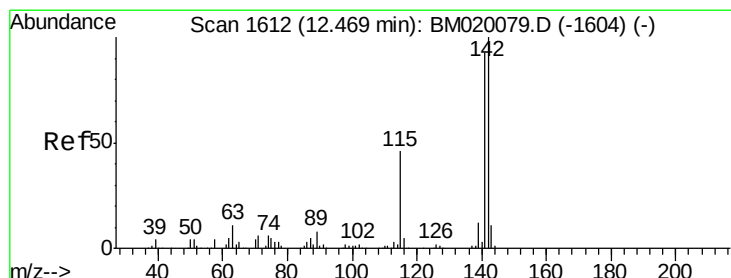
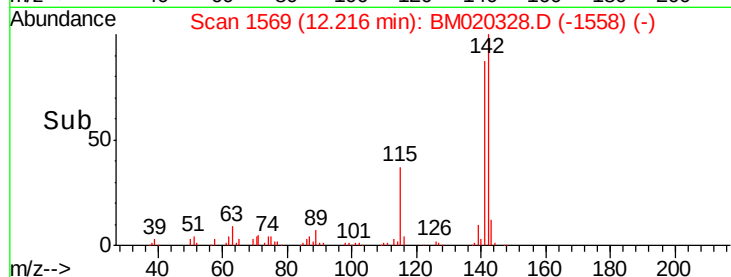
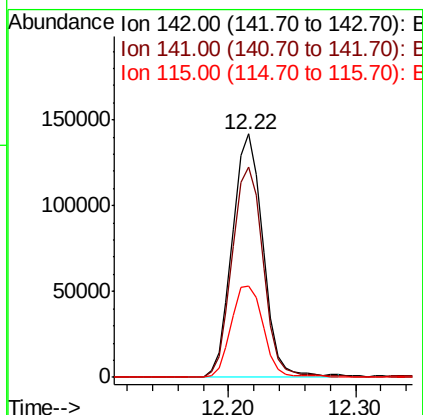
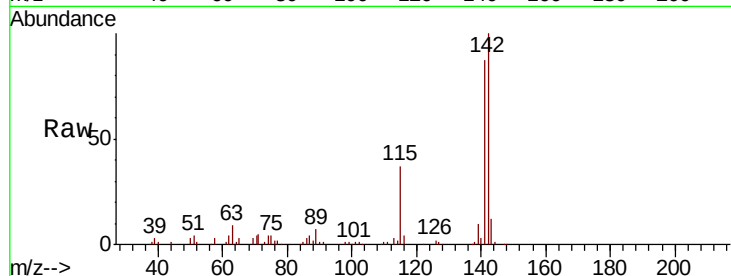




#37
2-Methylnaphthalene
Concen: 42.808 ng
RT: 12.22 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

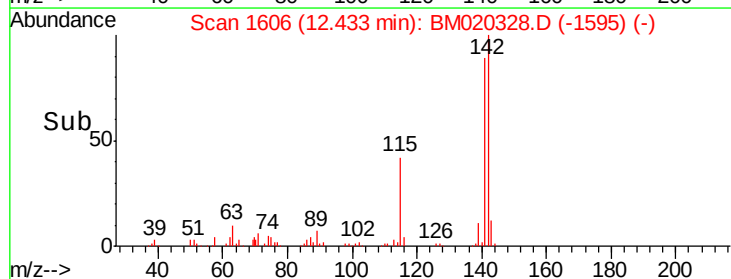
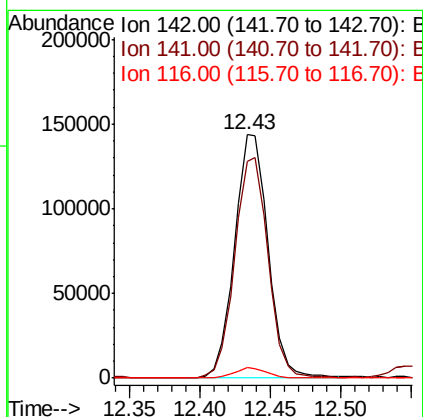
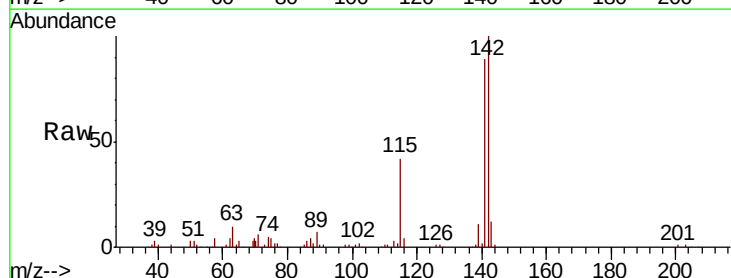
Instrument :
BNA_M
ClientSampleId :

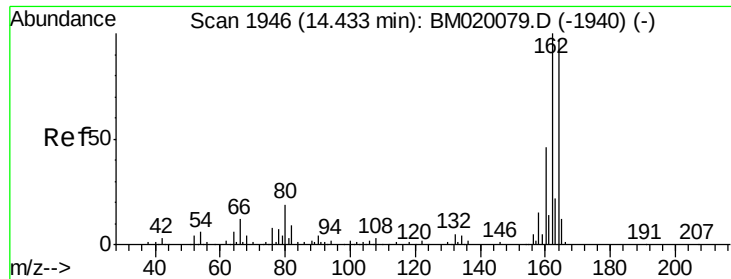
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.6	107.4
115	37.5	35.8	53.6



#38
1-Methylnaphthalene
Concen: 43.714 ng
RT: 12.43 min Scan# 1606
Delta R.T. -0.04 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.8	112.2
116	4.3	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

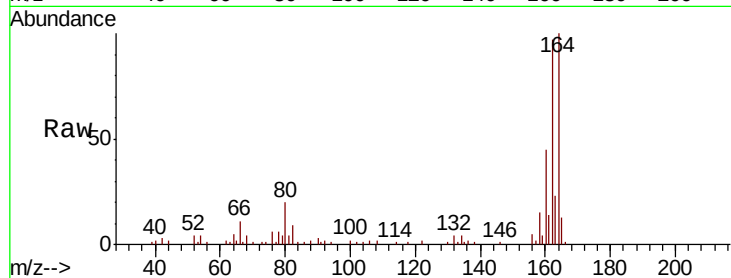
Tot Ion:164 Resp: 89118

Ion Ratio Lower Upper

164 100

162 96.9 82.2 123.2

160 44.7 37.6 56.4

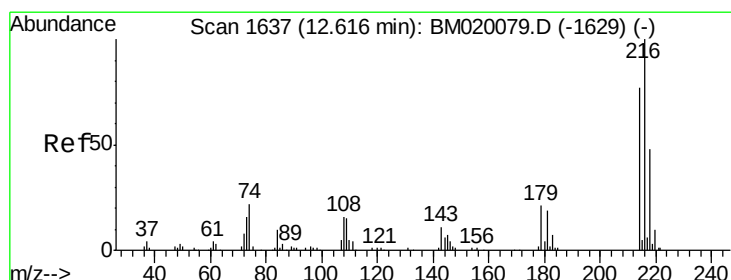
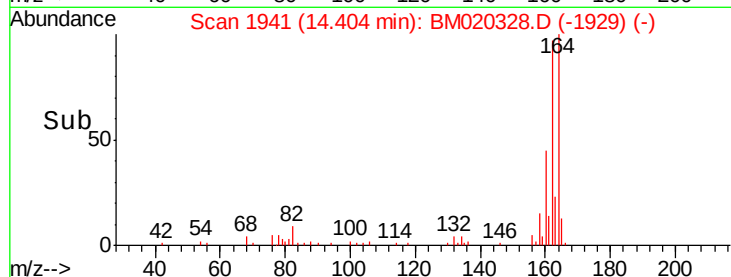
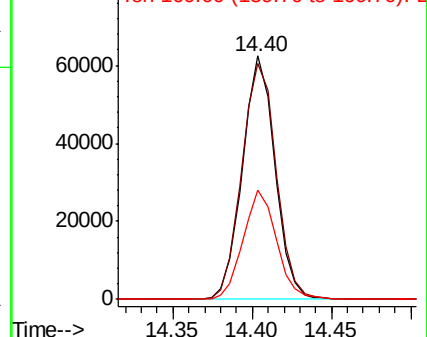


Abundance

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: 44.927 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Tgt Ion:216 Resp: 156646

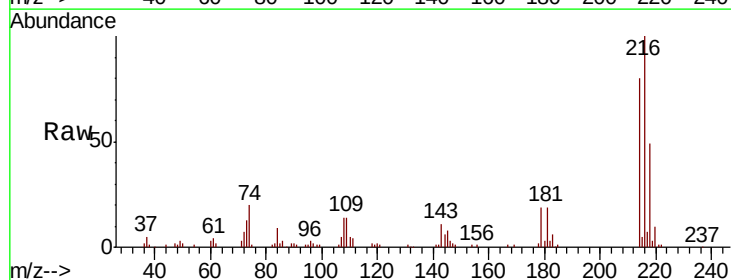
Ion Ratio Lower Upper

216 100

214 77.8 62.6 94.0

179 19.2 17.1 25.7

108 17.0 15.8 23.6



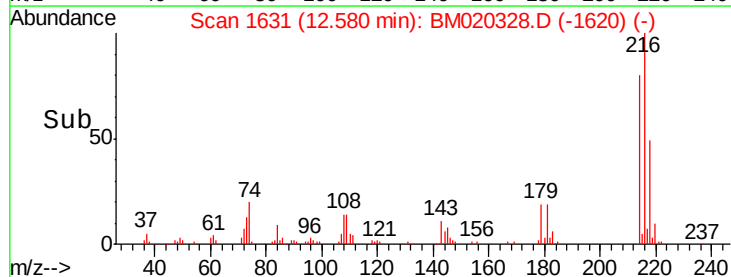
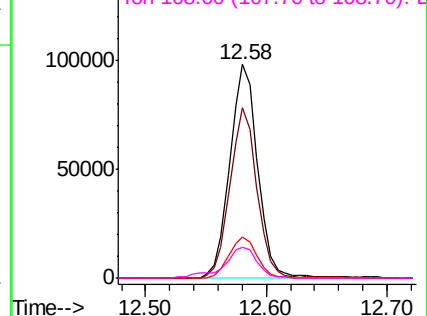
Abundance

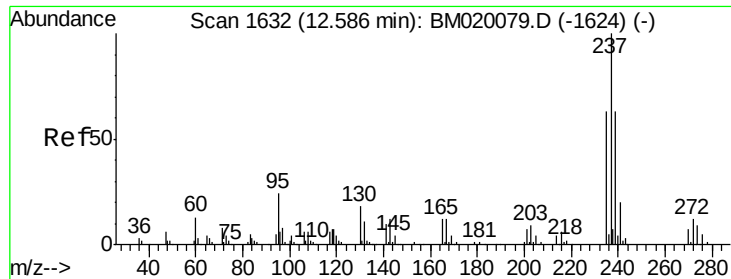
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.521 ng

RT: 12.54 min Scan# 1625

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

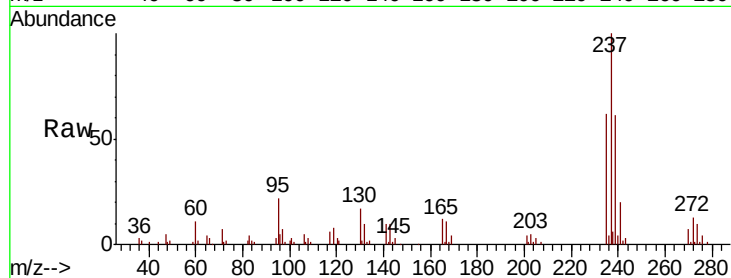
Tot Ion:237 Resp: 97559

Ion Ratio Lower Upper

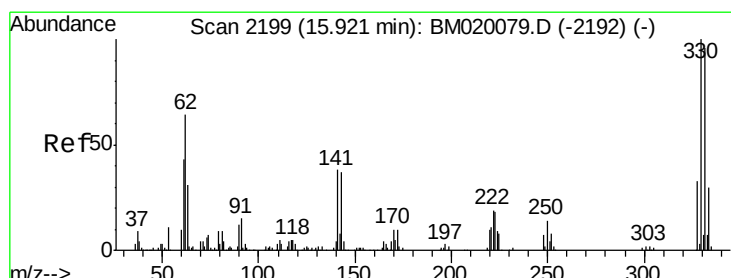
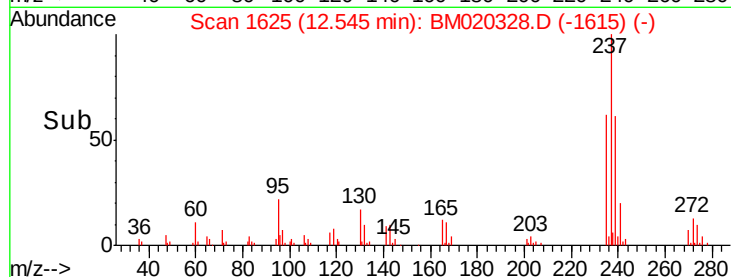
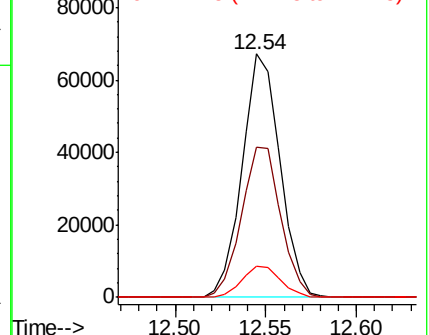
237 100

235 61.9 43.4 83.4

272 13.0 0.0 31.7



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: 93.210 ng

RT: 15.90 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

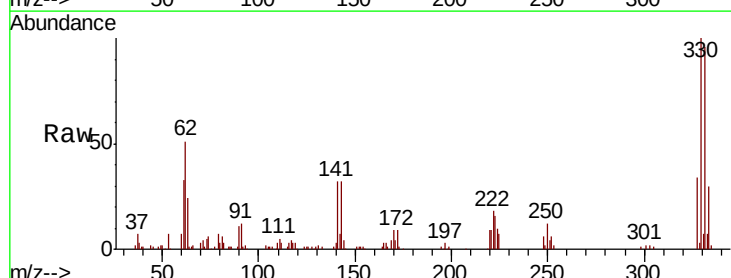
Tgt Ion:330 Resp: 128935

Ion Ratio Lower Upper

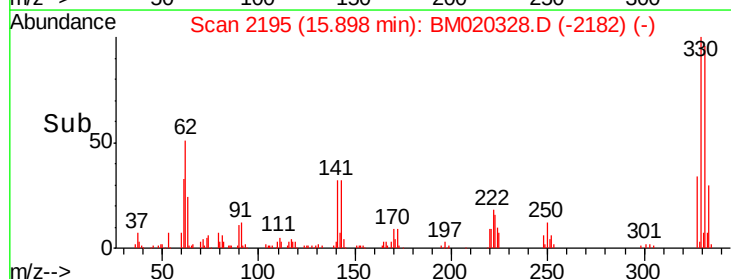
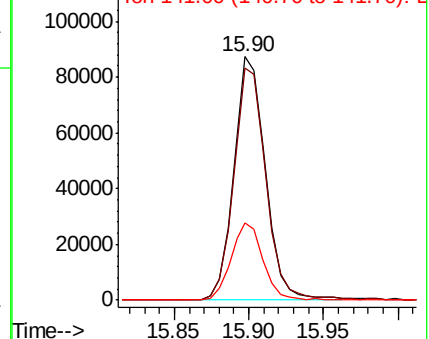
330 100

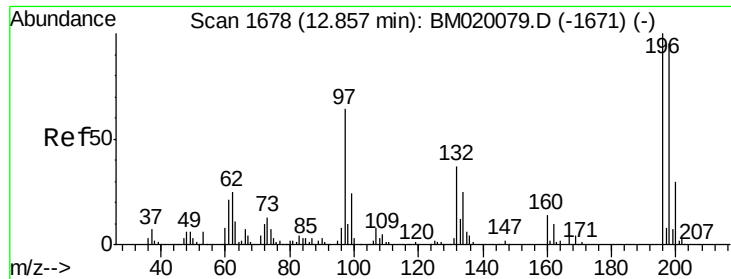
332 97.0 76.8 115.2

141 32.1 29.2 43.8



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

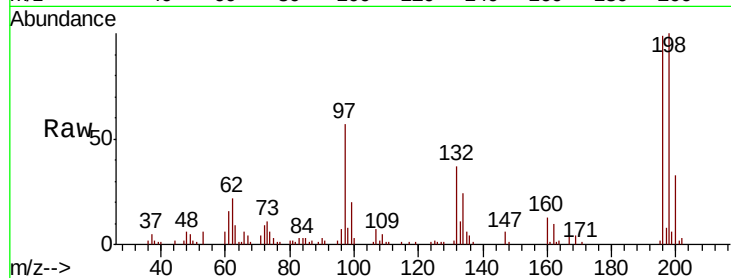




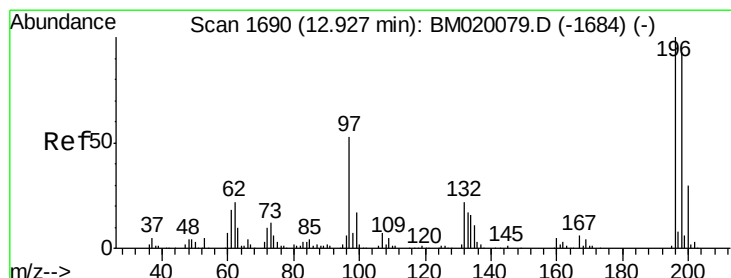
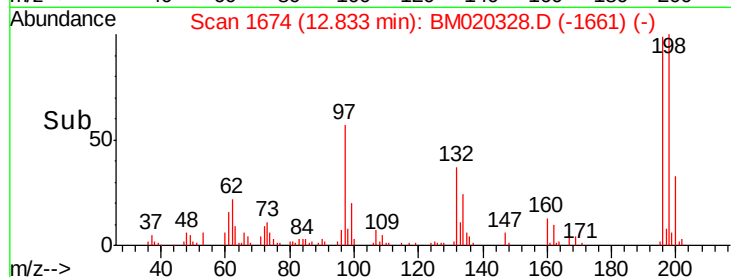
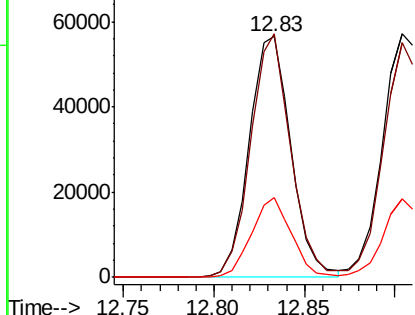
#43
 2,4,6-Trichlorophenol
 Concen: 45.717 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 90591
 Ion Ratio Lower Upper
 196 100
 198 101.1 76.2 114.2
 200 33.2 24.3 36.5



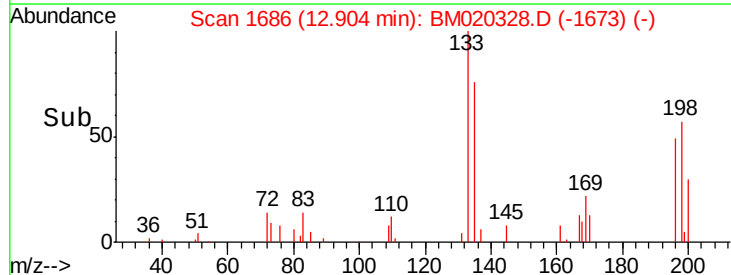
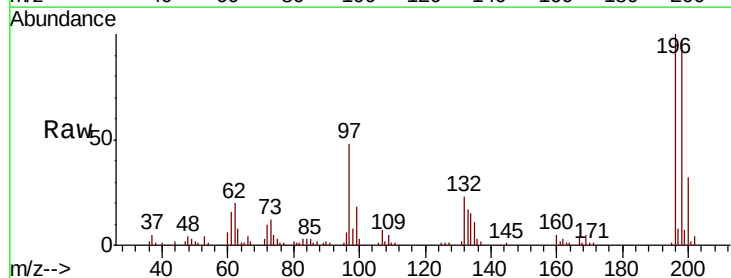
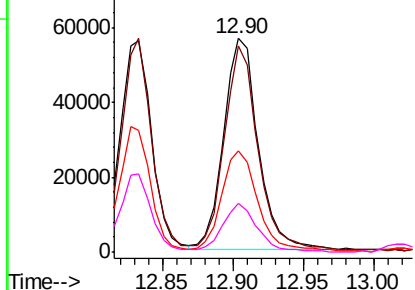
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

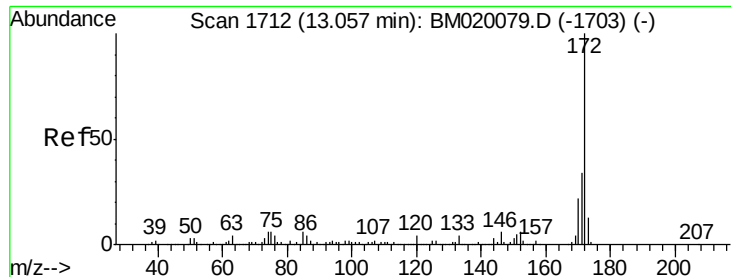


#44
 2,4,5-Trichlorophenol
 Concen: 43.229 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:196 Resp: 95696
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.7 112.1
 97 47.6 42.2 63.4
 132 22.8 17.8 26.8

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

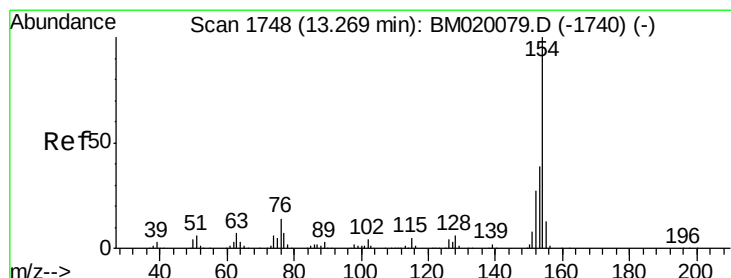
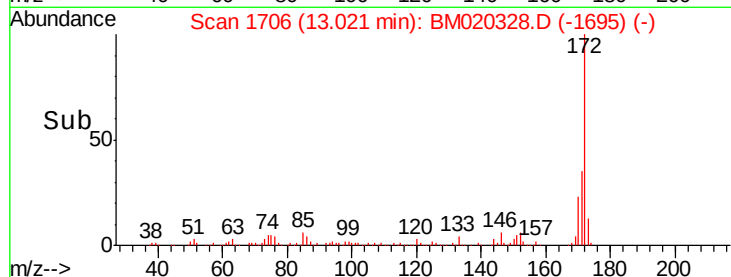
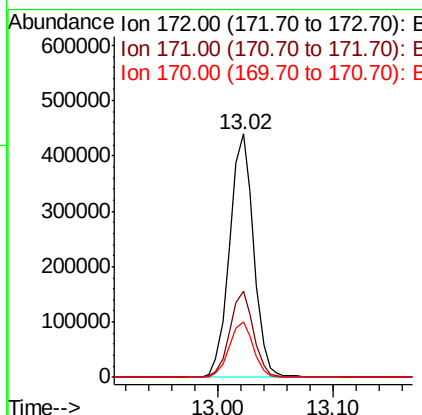
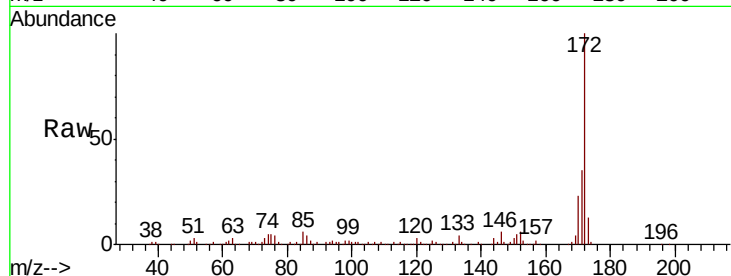




#45
 2-Fluorobiphenyl
 Concen: 87.737 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

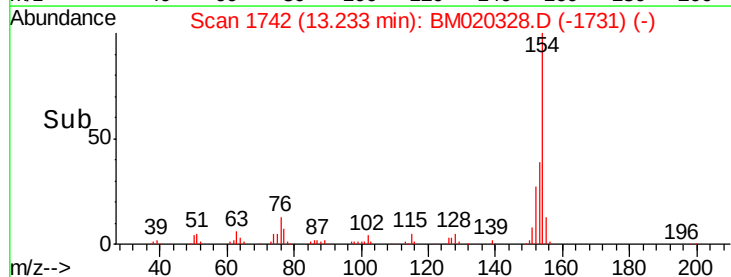
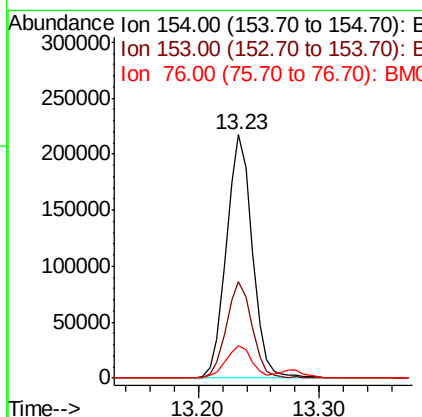
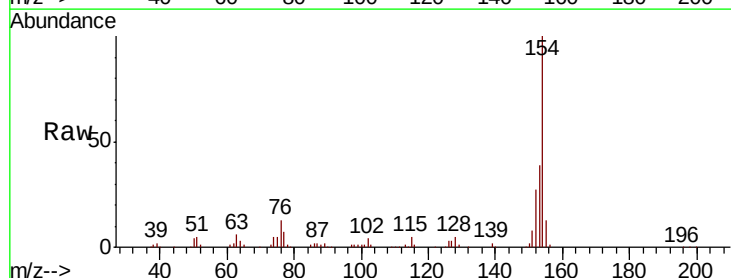
Instrument :
 BNA_M
 ClientSampleID :

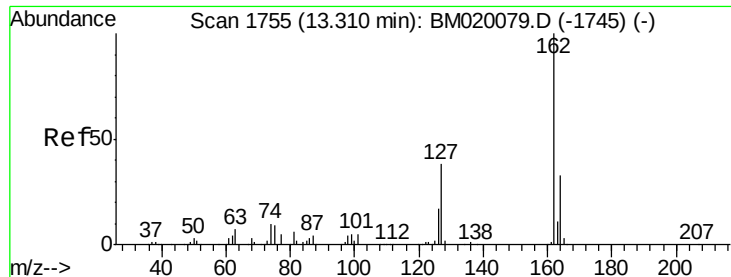
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	22.9	17.9	26.9



#46
 1,1'-Biphenyl
 Concen: 44.390 ng
 RT: 13.23 min Scan# 1742
 Delta R.T. -0.04 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	34.5

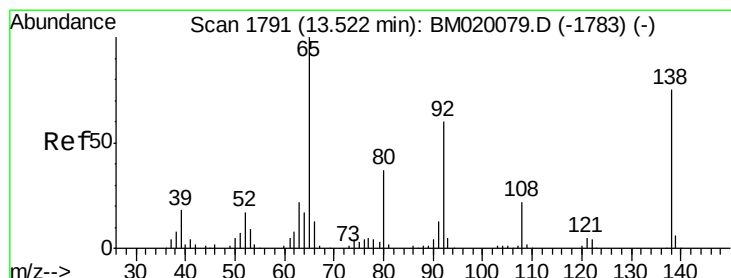
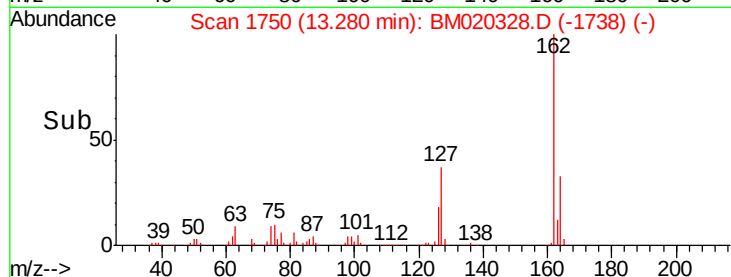
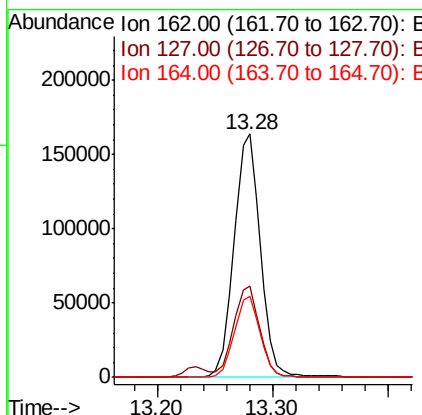
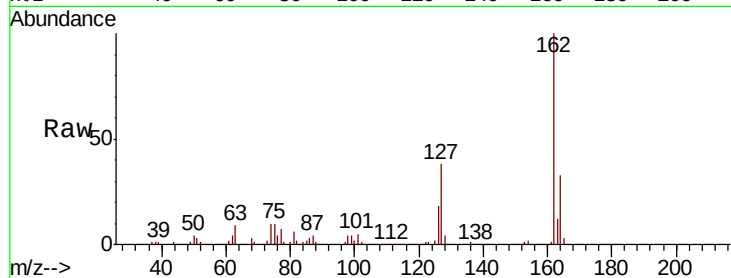




#47
2-Chloronaphthalene
Concen: 44.103 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.03 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

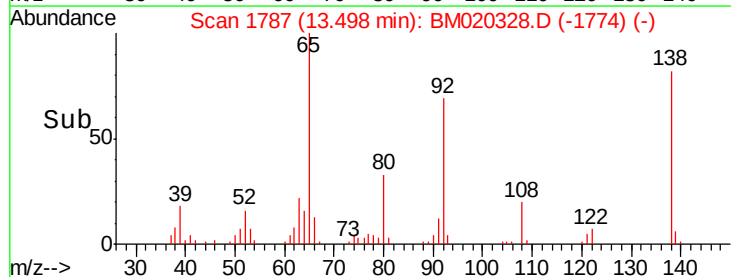
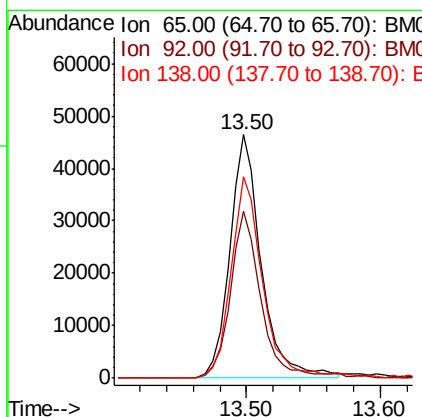
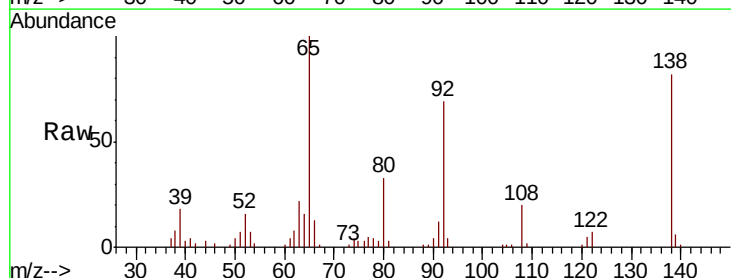
Instrument :
BNA_M
ClientSampleId :

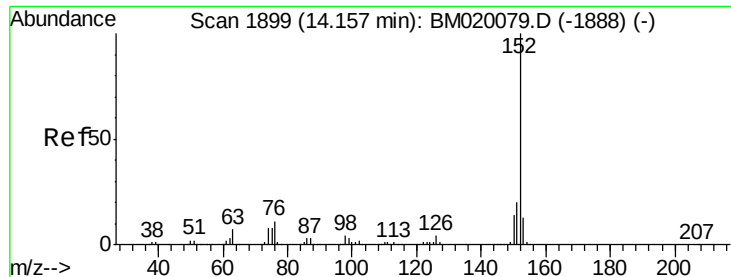
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.0	46.4
164	33.1	26.2	39.2



#48
2-Nitroaniline
Concen: 36.598 ng
RT: 13.50 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	48.2	72.4
138	82.5	60.3	90.5





#49

Acenaphthylene

Concen: 44.168 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

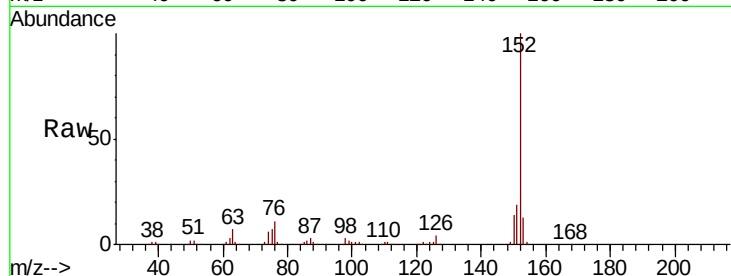
Tot Ion:152 Resp: 413981

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

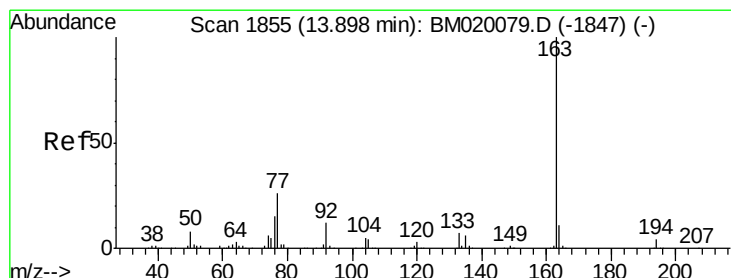
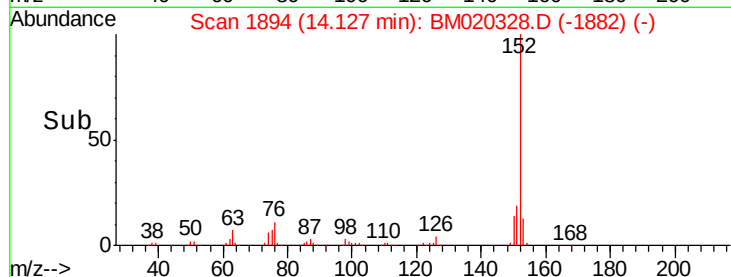
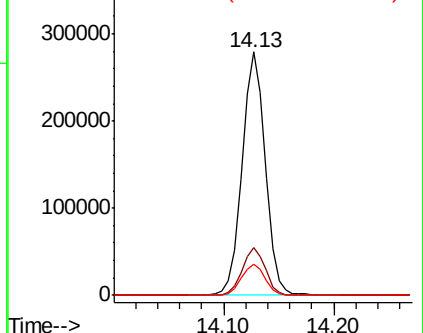
153 12.8 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.776 ng

RT: 13.86 min Scan# 1849

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

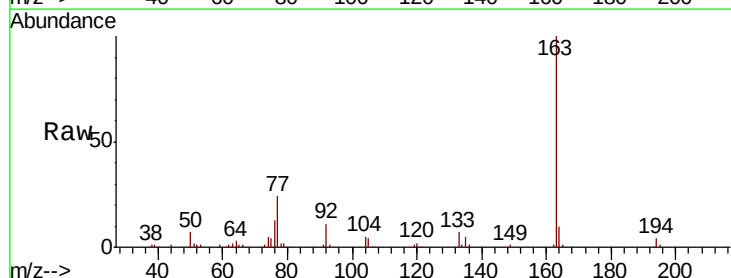
Tgt Ion:163 Resp: 323997

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

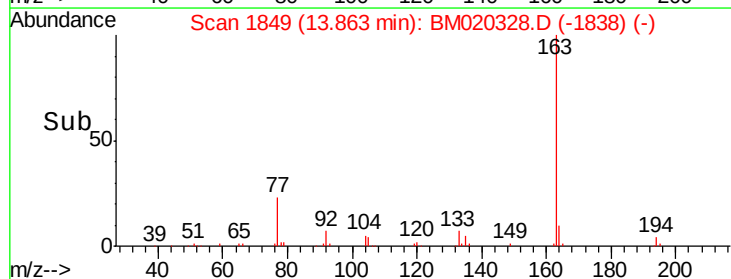
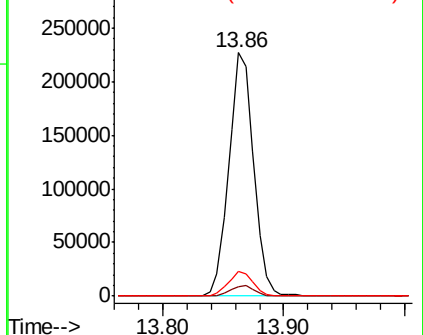
164 10.2 8.4 12.6

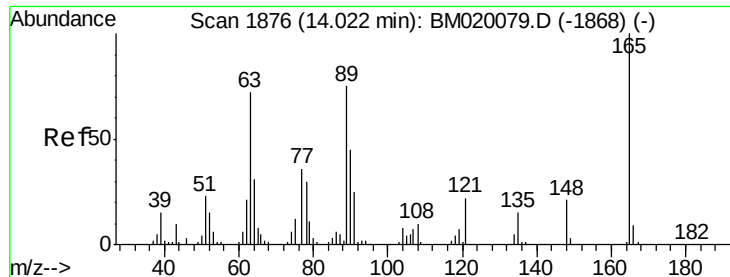


Abundance Ion 163.00 (162.70 to 163.70): E

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. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampled :

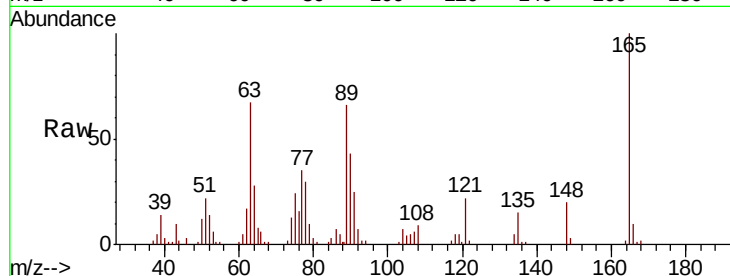
Tot Ion:165 Resp: 69761

Ion Ratio Lower Upper

165 100

63 67.0 60.3 90.5

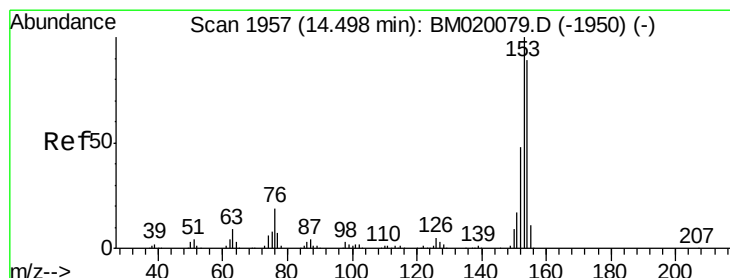
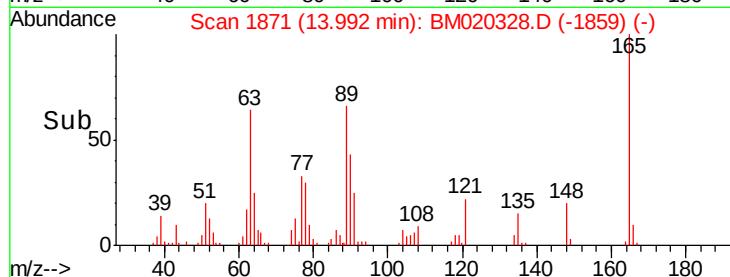
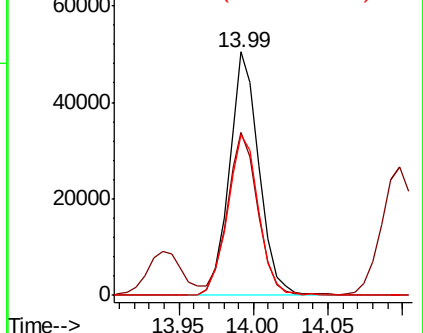
89 65.8 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 43.735 ng

RT: 14.47 min Scan# 1952

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

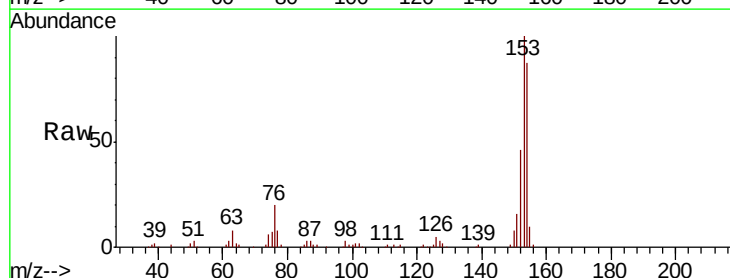
Tgt Ion:154 Resp: 235072

Ion Ratio Lower Upper

154 100

153 114.6 90.2 135.2

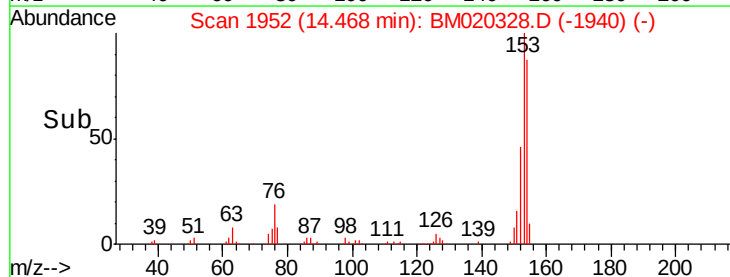
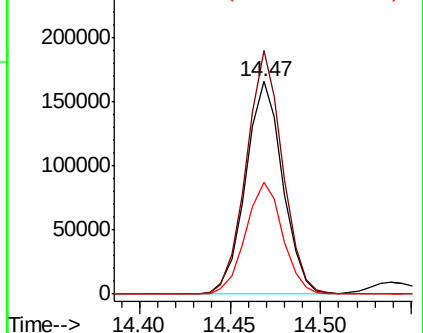
152 52.6 43.0 64.4

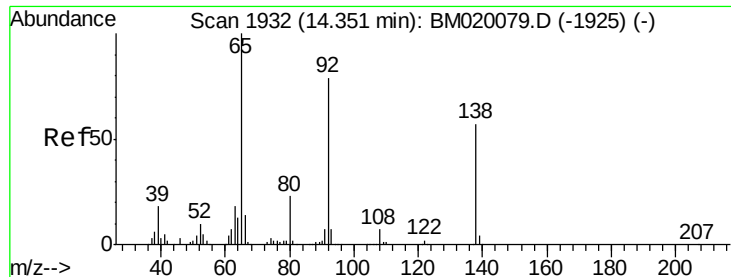


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

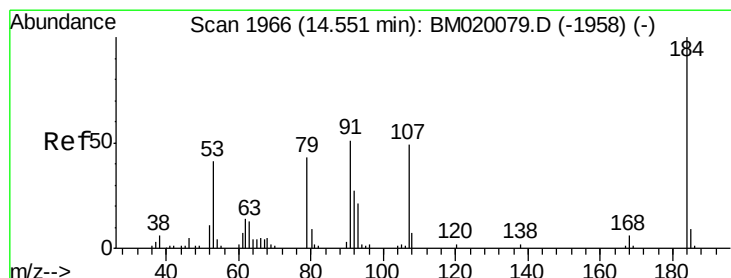
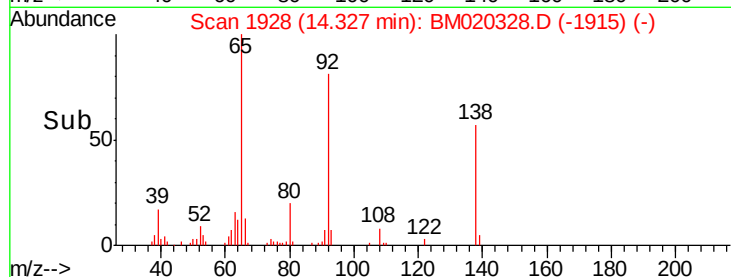
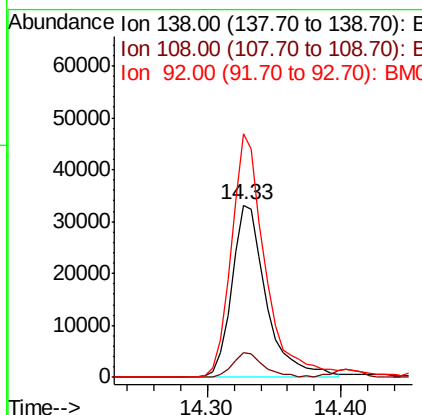
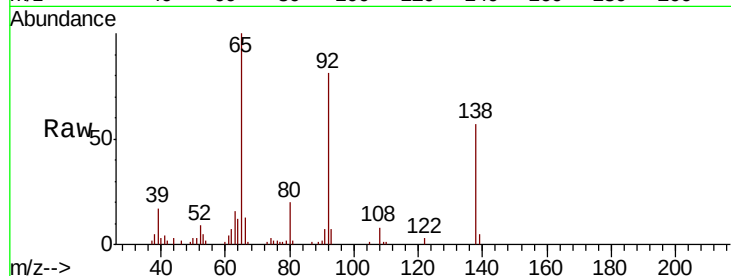




#53
3-Nitroaniline
Concen: 40.178 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.02 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

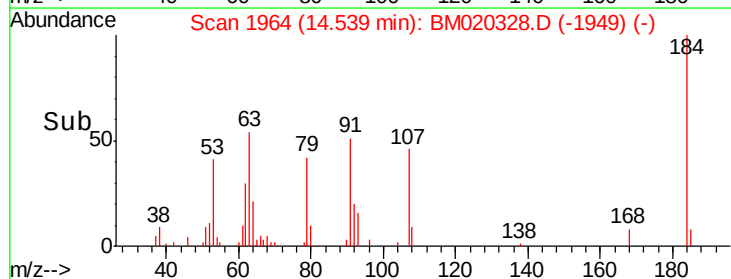
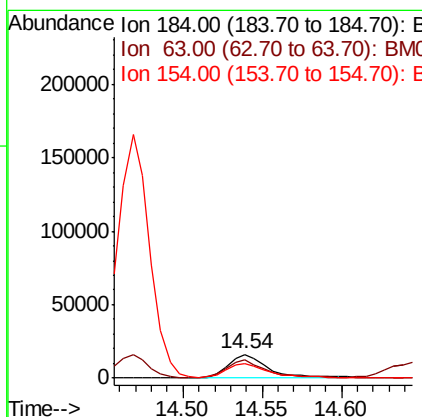
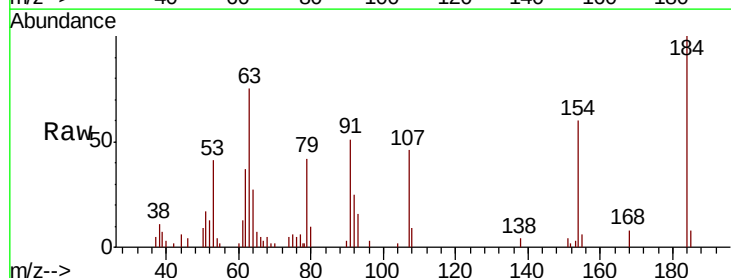
Instrument :
BNA_M
ClientSampleId :

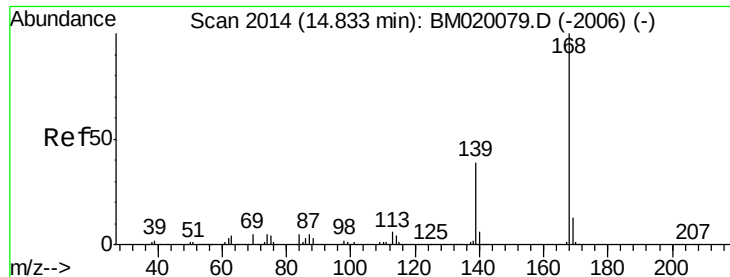
Tot Ion:138 Resp: 59489
Ion Ratio Lower Upper
138 100
108 14.2 10.4 15.6
92 141.4 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 40.085 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:184 Resp: 28254
Ion Ratio Lower Upper
184 100
63 75.2 68.9 103.3
154 59.9 54.4 81.6





#55

Dibenzofuran

Concen: 43.981 ng

RT: 14.80 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

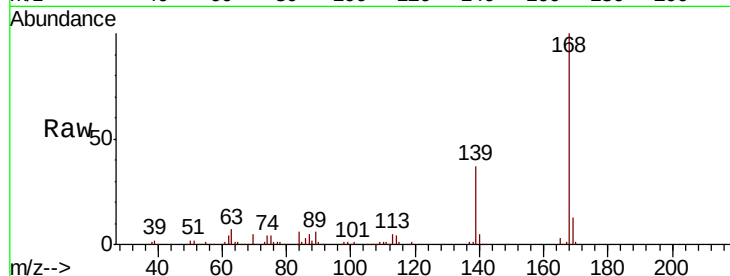
Tot Ion:168 Resp: 398743

Ion Ratio Lower Upper

168 100

139 36.9 31.1 46.7

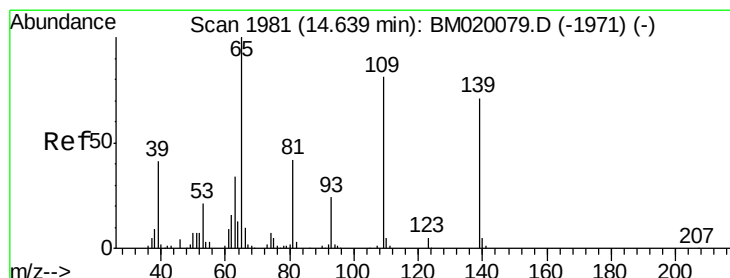
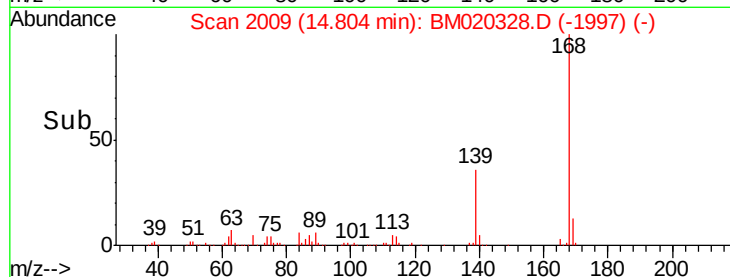
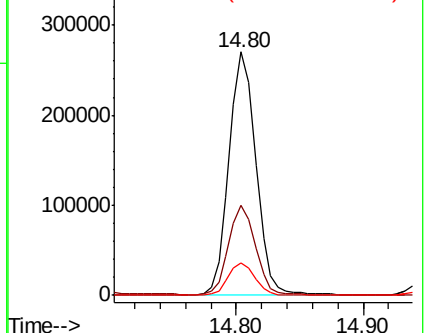
169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.244 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

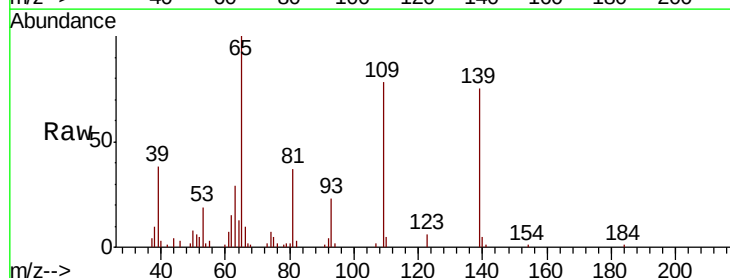
Tgt Ion:139 Resp: 49577

Ion Ratio Lower Upper

139 100

109 103.9 94.1 134.1

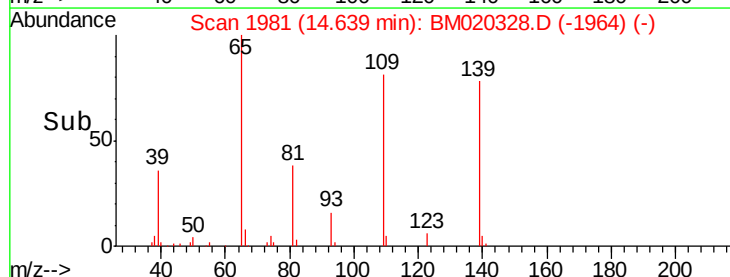
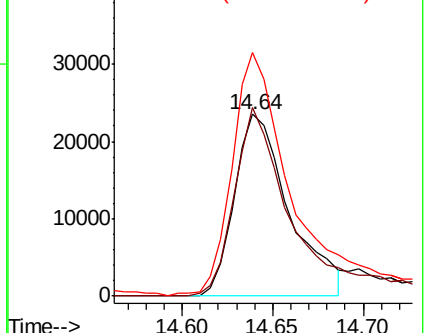
65 133.8 120.9 160.9

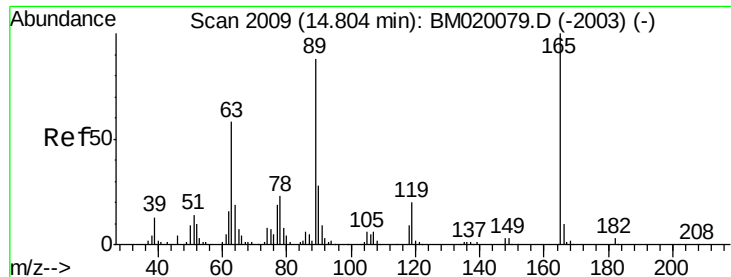


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

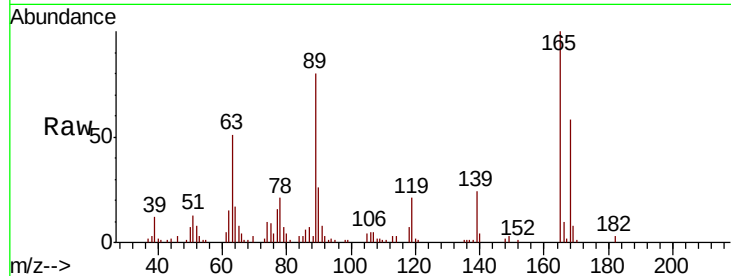




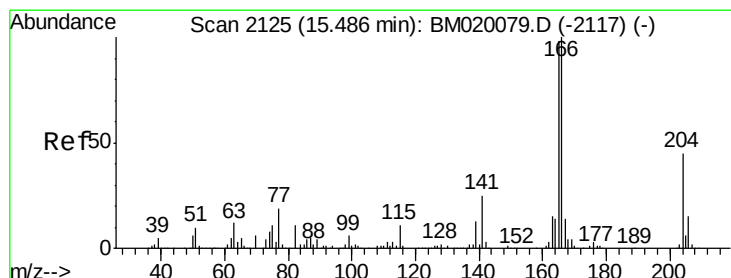
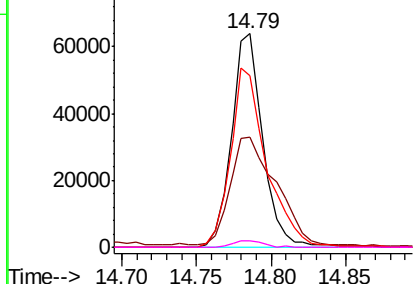
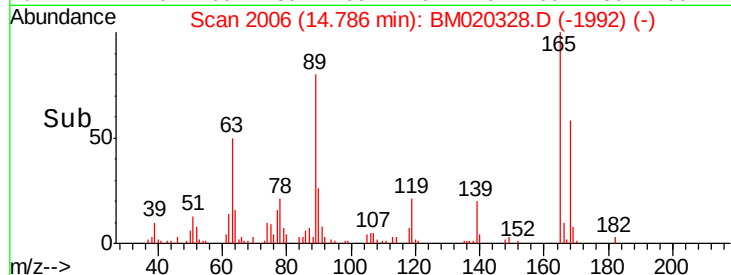
#57
 2,4-Dinitrotoluene
 Concen: 43.164 ng
 RT: 14.79 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	46.2	69.2
89	80.5	70.6	105.8
182	2.9	2.2	3.2

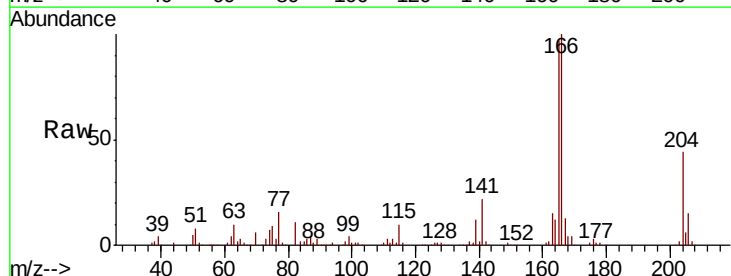


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

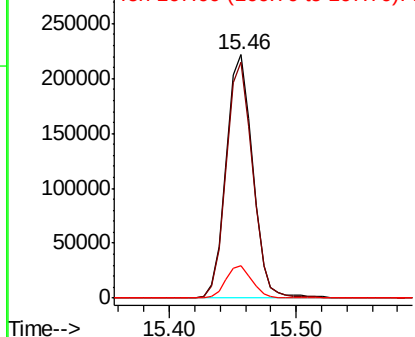
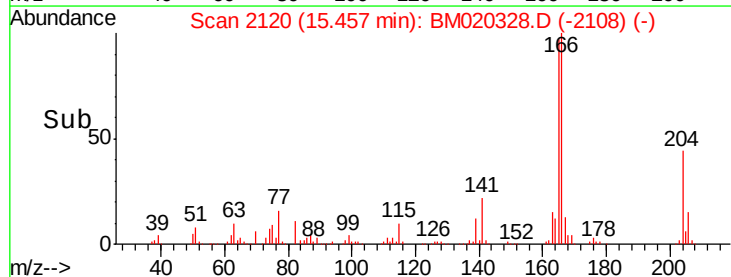


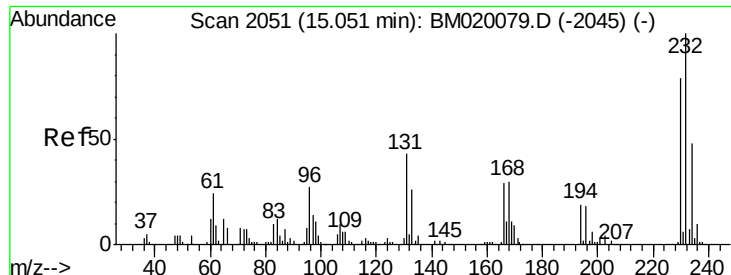
#58
 Fluorene
 Concen: 43.090 ng
 RT: 15.46 min Scan# 2120
 Delta R.T. -0.03 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.4	11.0	16.4



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

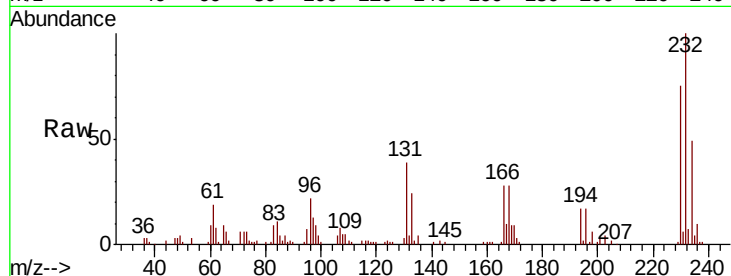




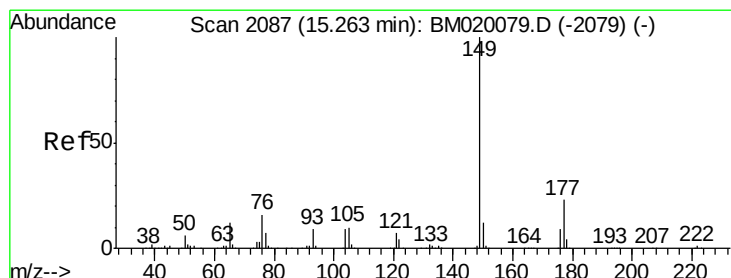
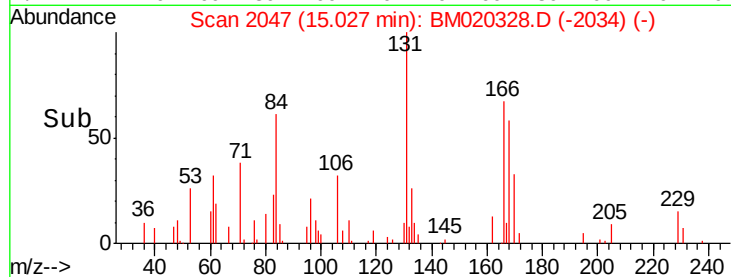
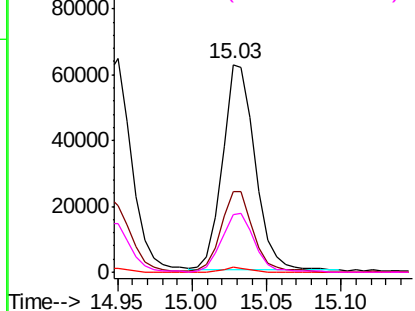
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.165 ng
 RT: 15.03 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	232	Resp:	95011
Ion	Ratio	Lower	Upper
232	100		
131	39.6	34.2	51.4
130	2.0	2.0	3.0
166	29.4	23.8	35.8

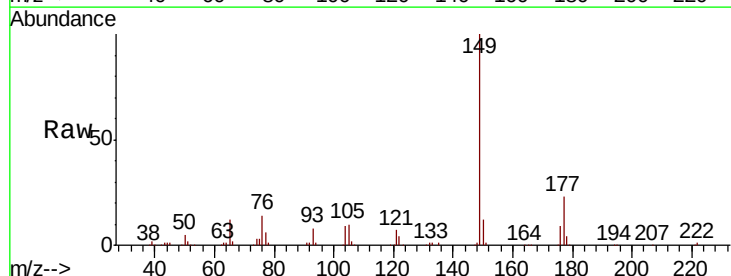


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

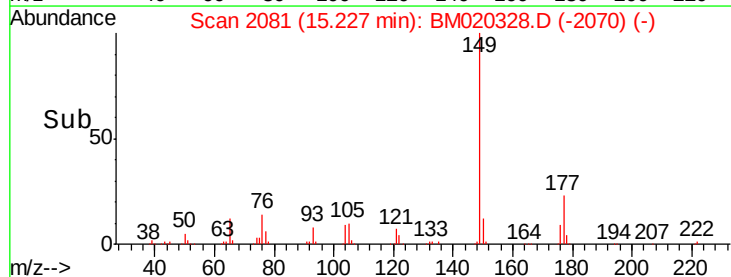
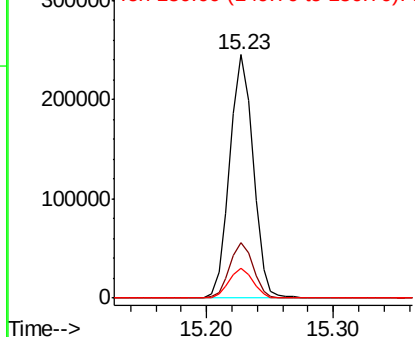


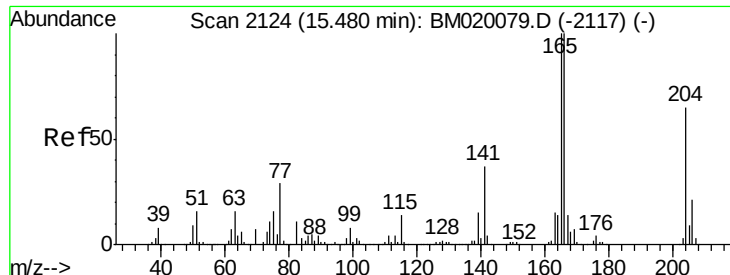
#60
 Diethylphthalate
 Concen: 41.238 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.04 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:	149	Resp:	314689
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.1	9.9	14.9



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

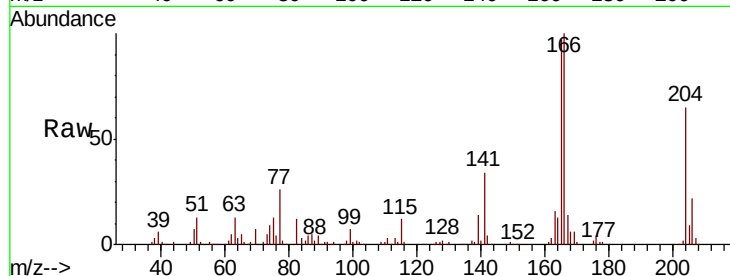




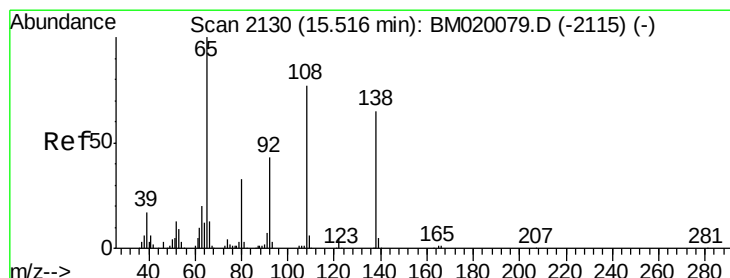
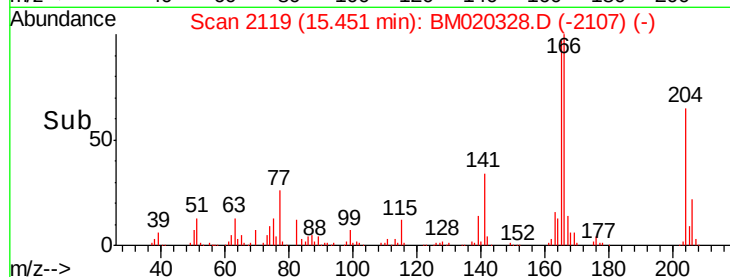
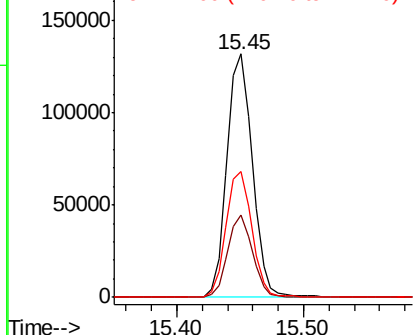
#61
 4-Chlorophenyl-phenylether
 Concen: 43.534 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.03 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 183663
 Ion Ratio Lower Upper
 204 100
 206 33.8 25.6 38.4
 141 51.7 46.1 69.1

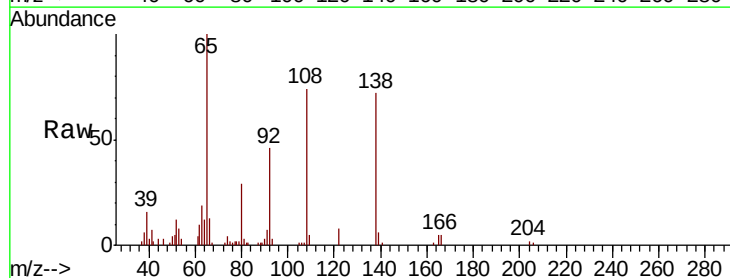


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

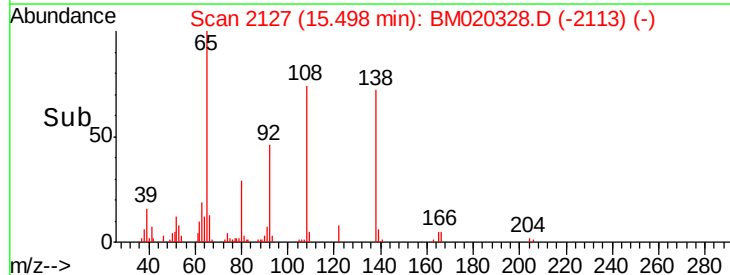
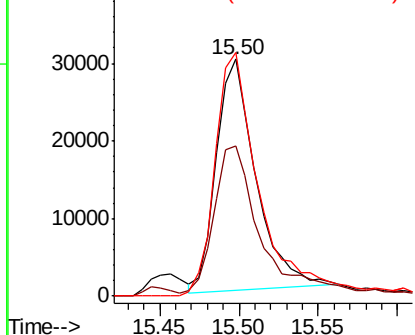


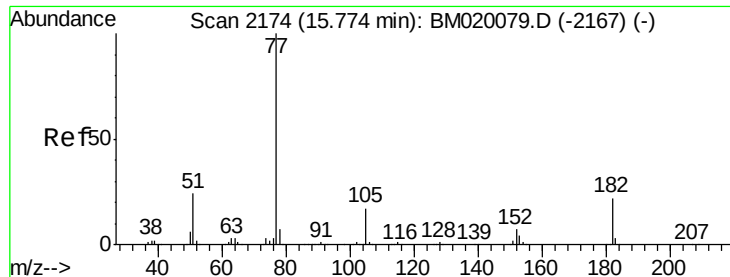
#62
 4-Nitroaniline
 Concen: 31.813 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion:138 Resp: 51983
 Ion Ratio Lower Upper
 138 100
 92 63.4 45.9 85.9
 108 102.8 97.7 137.7



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. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 356988

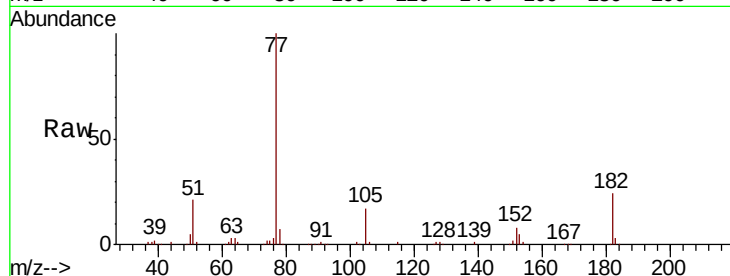
Ion Ratio Lower Upper

77 100

182 23.6 2.1 42.1

105 17.5 0.0 36.8

51 21.4 3.8 43.8

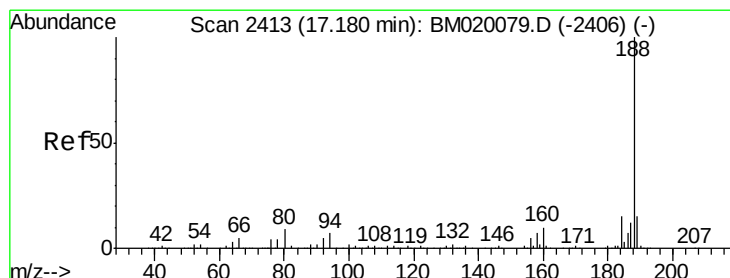
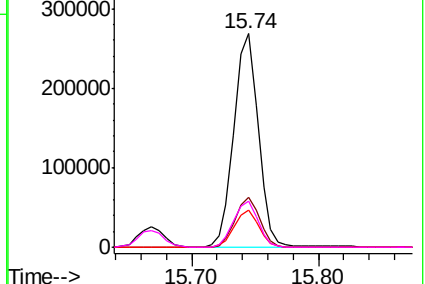
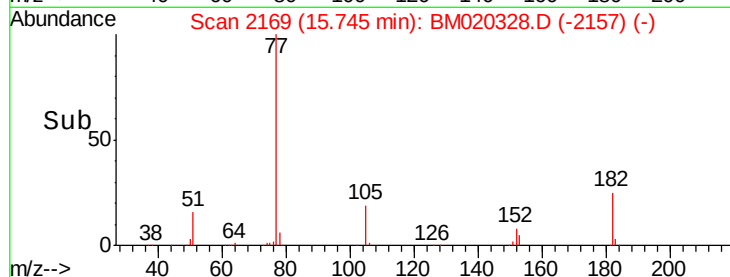


Abundance Ion 77.00 (76.70 to 77.70): BM0

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. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

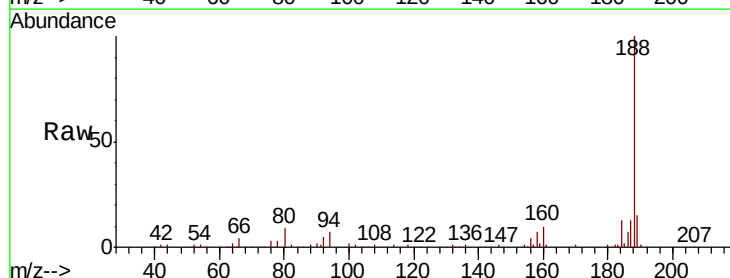
Tgt Ion: 188 Resp: 212704

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

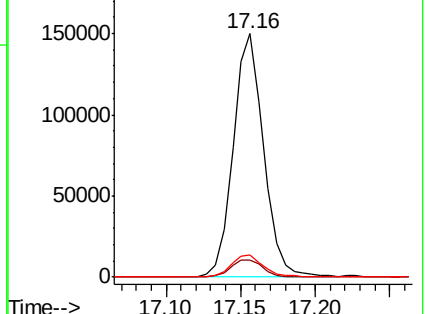
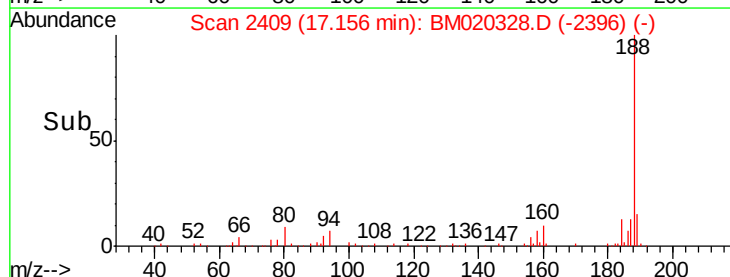
80 9.3 7.4 11.2

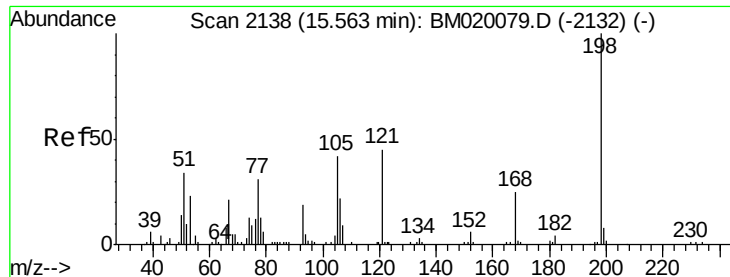


Abundance Ion 188.00 (187.70 to 188.70): E

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: 46.255 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

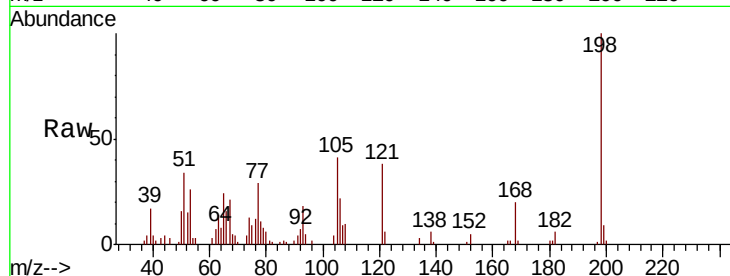
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 49313

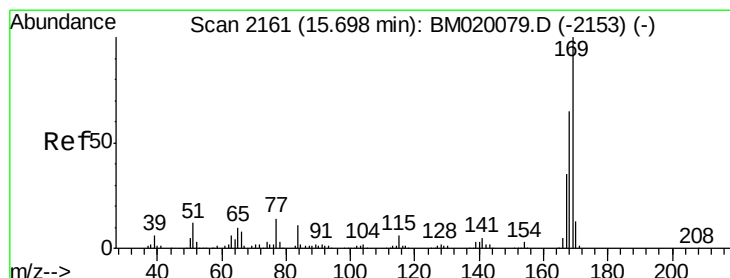
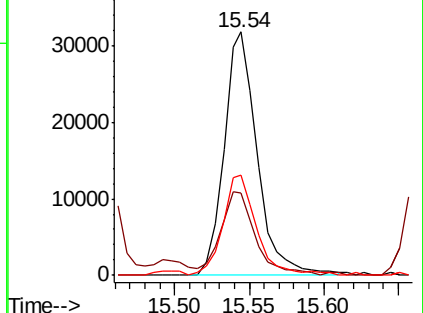
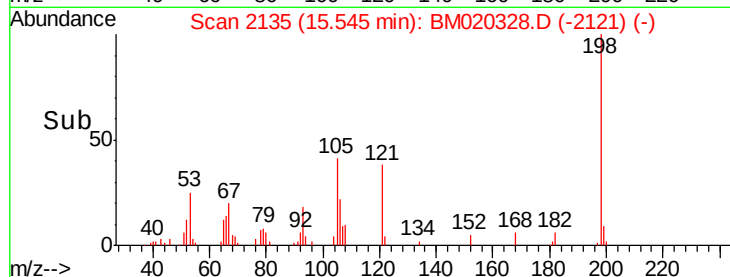
Ion	Ratio	Lower	Upper
198	100		
51	34.0	16.5	56.5
105	41.2	22.8	62.8



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: 43.639 ng

RT: 15.67 min Scan# 2156

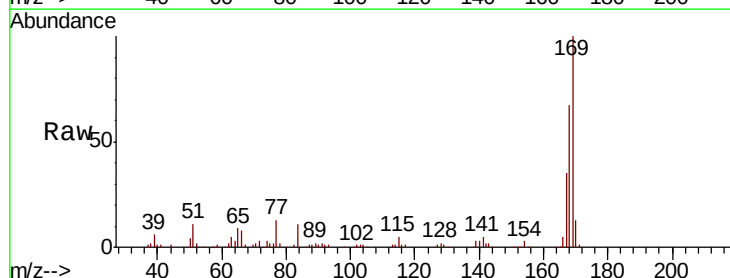
Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Tgt Ion:169 Resp: 273133

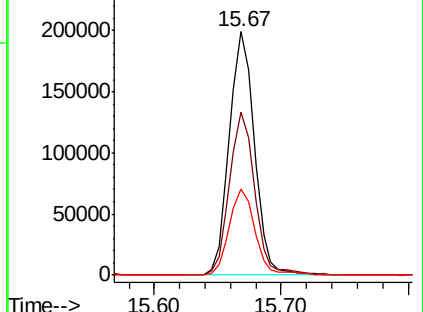
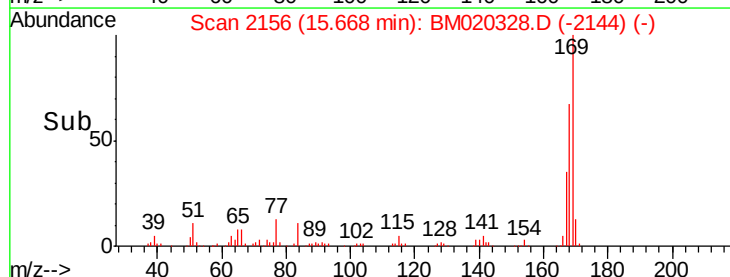
Ion	Ratio	Lower	Upper
169	100		
168	66.8	51.9	77.9
167	35.3	27.8	41.6

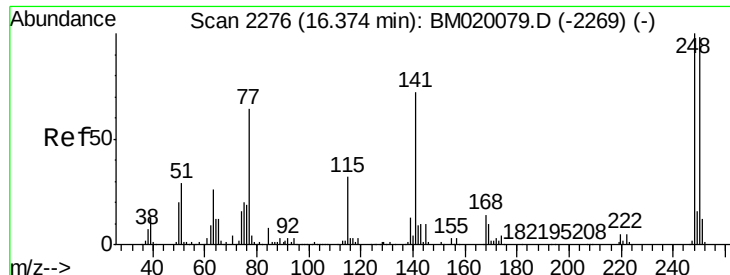


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

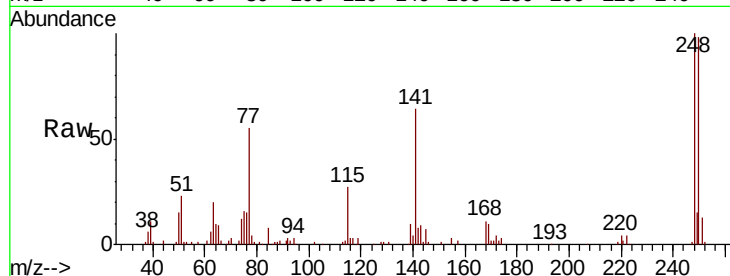




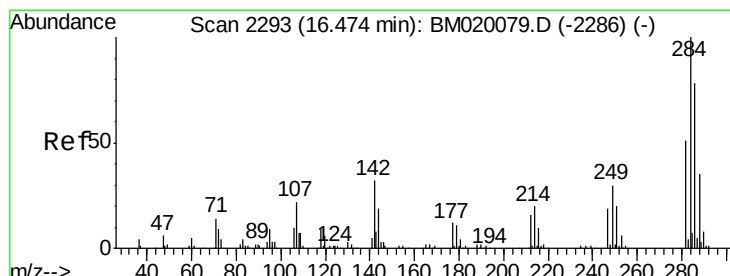
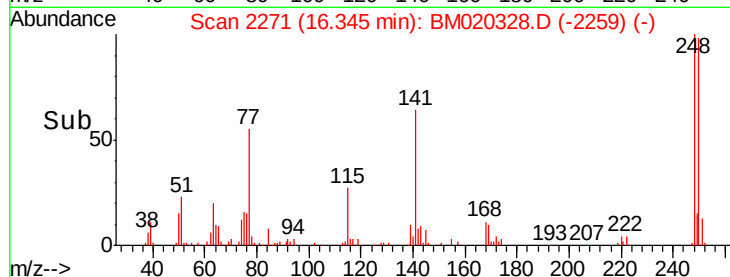
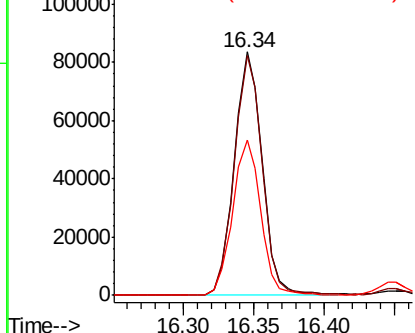
#67
4-Bromophenyl-phenylether
Concen: 44.279 ng
RT: 16.34 min Scan# 2271
Delta R.T. -0.03 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 115493
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 63.9 57.4 86.2

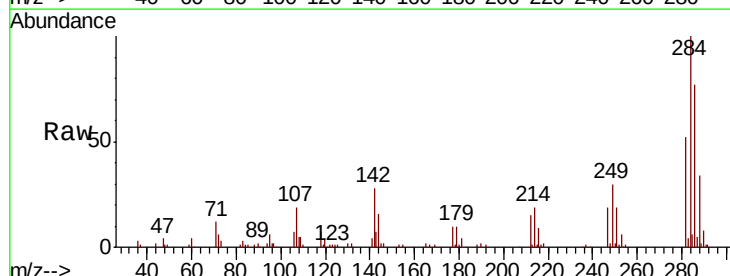


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

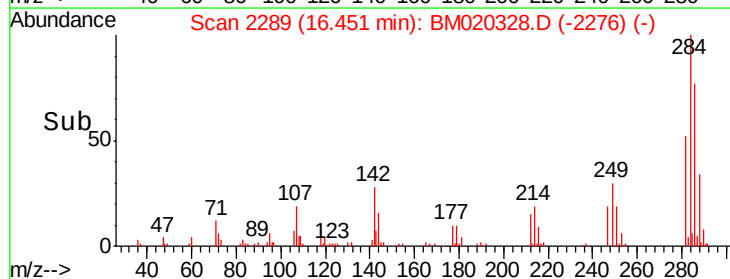
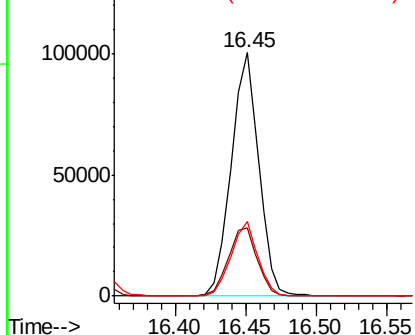


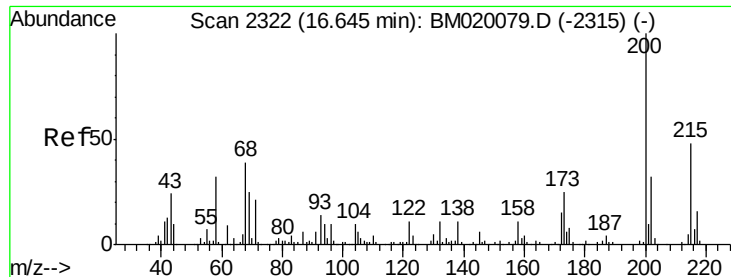
#68
Hexachlorobenzene
Concen: 45.639 ng
RT: 16.45 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:284 Resp: 136986
Ion Ratio Lower Upper
284 100
142 28.1 25.2 37.8
249 30.4 23.6 35.4



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

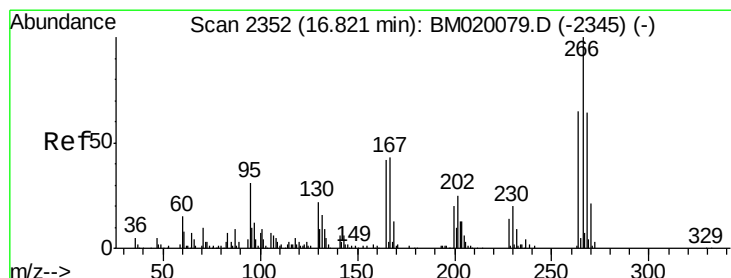
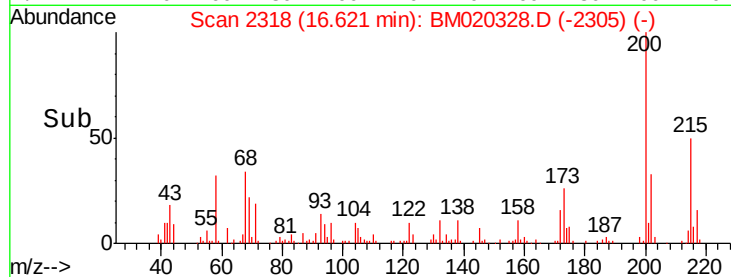
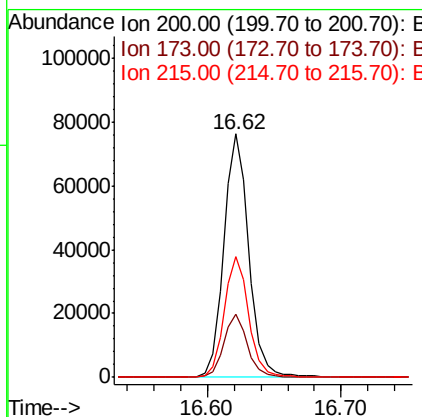
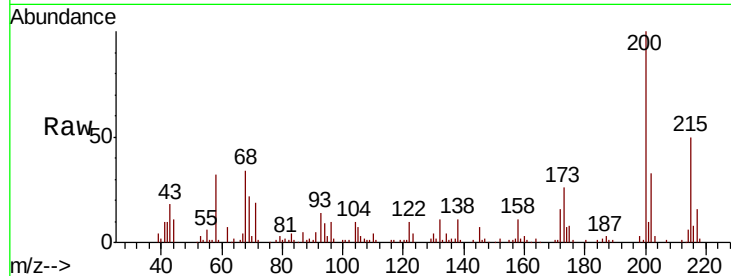




#69
 Atrazine
 Concen: 40.969 ng
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

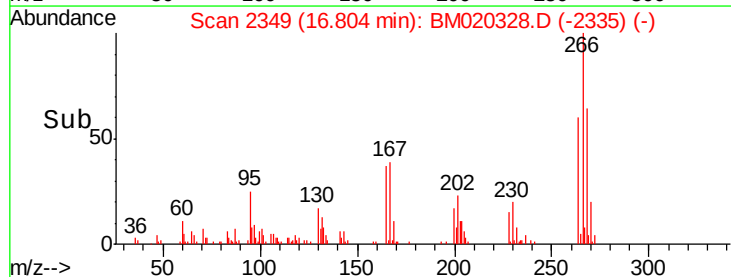
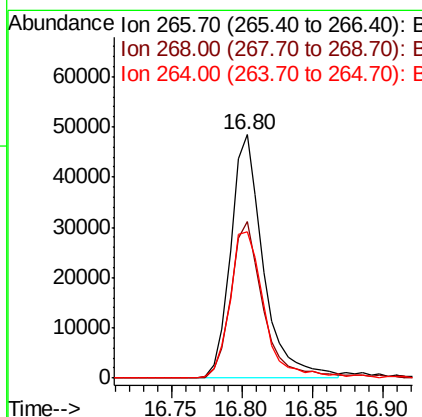
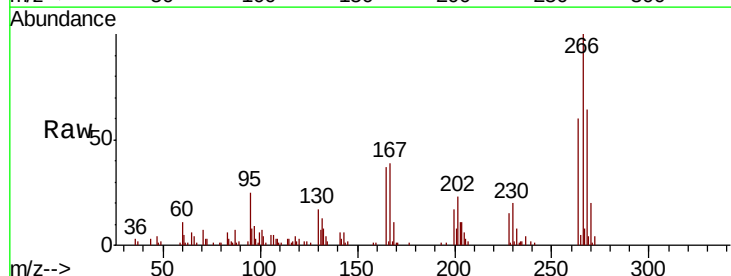
Instrument :
 BNA_M
 ClientSampled :

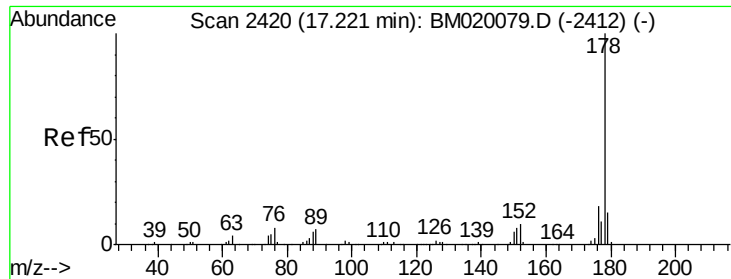
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	4.6	44.6
215	49.7	28.0	68.0



#70
 Pentachlorophenol
 Concen: 45.486 ng
 RT: 16.80 min Scan# 2349
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.0
264	59.9	52.0	78.0

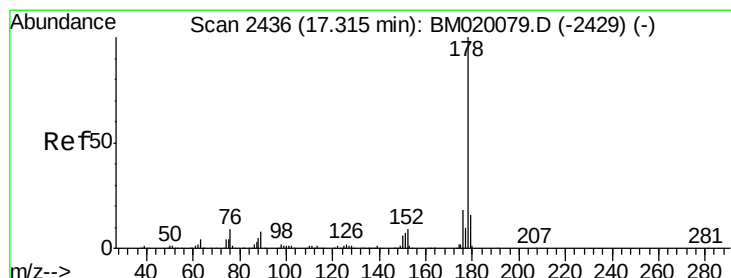
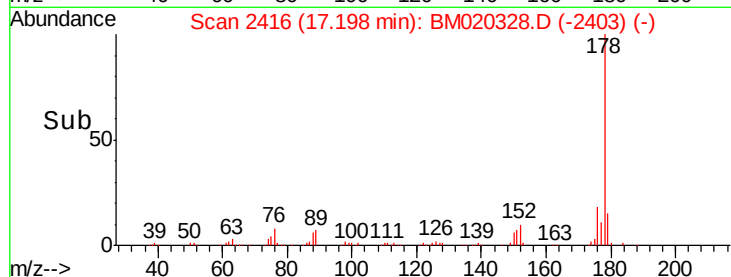
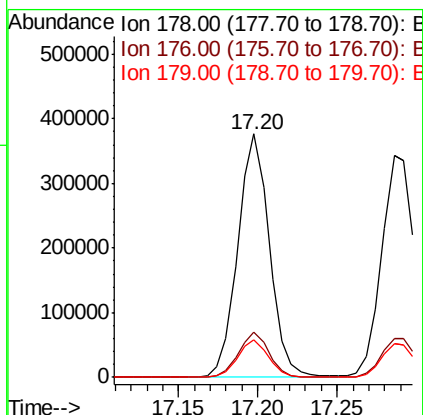
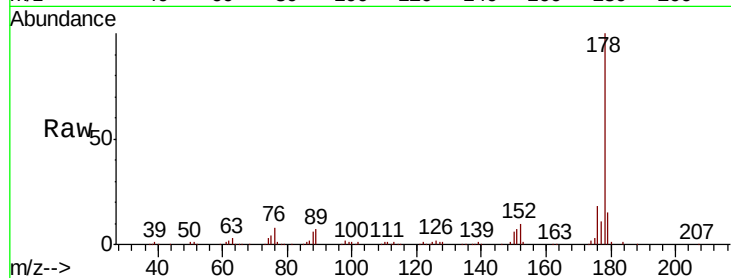




#71
Phenanthrene
Concen: 44.409 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

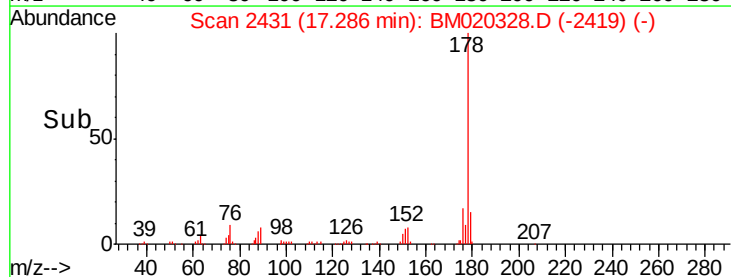
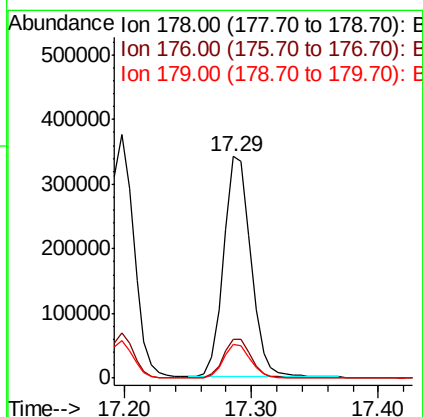
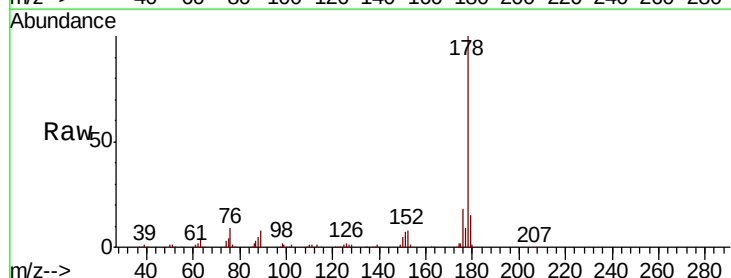
Instrument :
BNA_M
ClientSampleId :

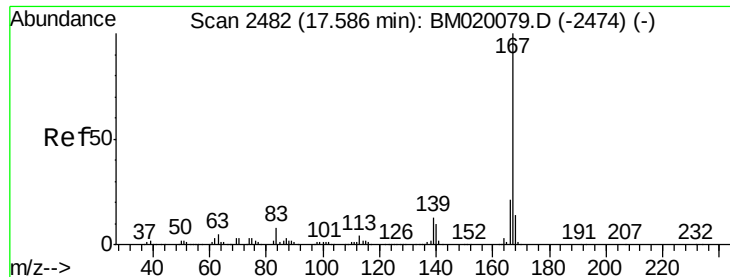
Tot Ion:178 Resp: 521429
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6



#72
Anthracene
Concen: 43.269 ng
RT: 17.29 min Scan# 2431
Delta R.T. -0.03 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:178 Resp: 507950
Ion Ratio Lower Upper
178 100
176 17.5 14.6 22.0
179 15.3 12.4 18.6

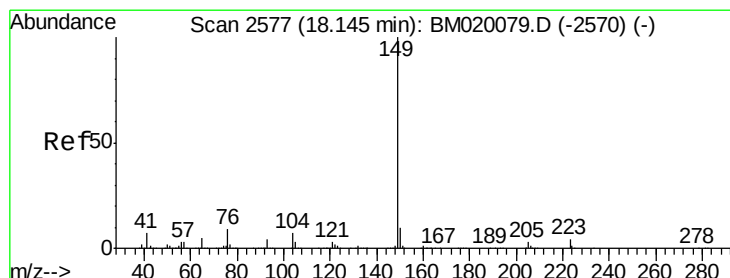
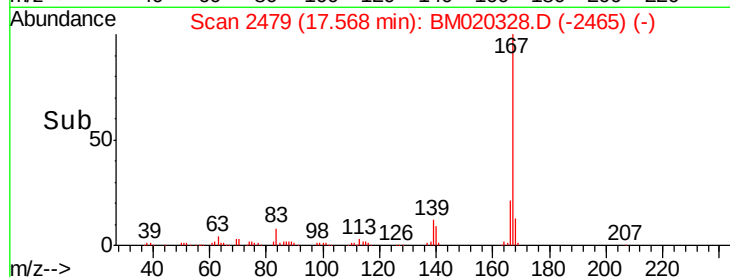
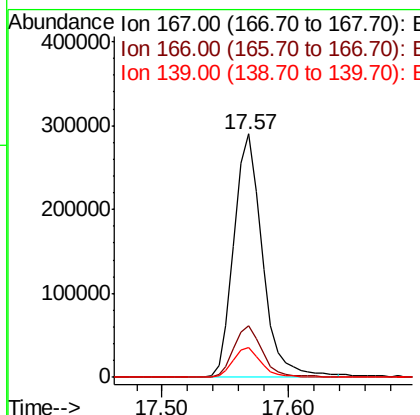
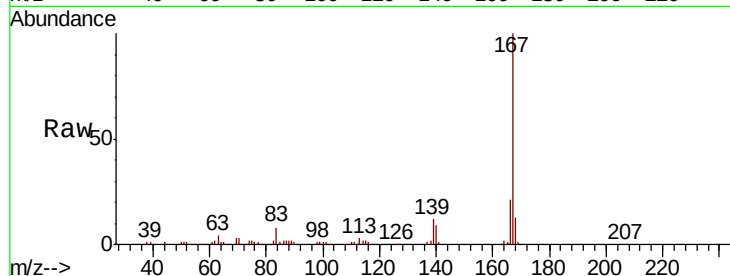




#73
 Carbazole
 Concen: 42.754 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

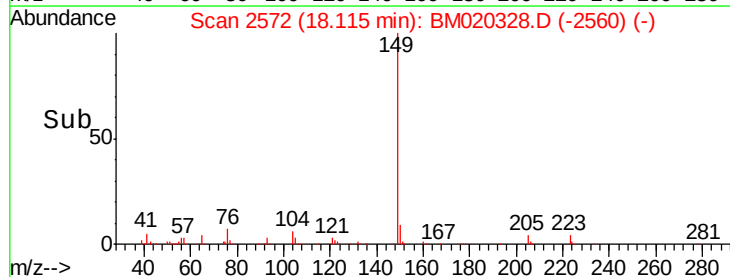
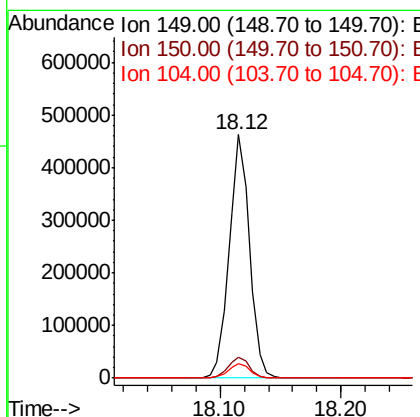
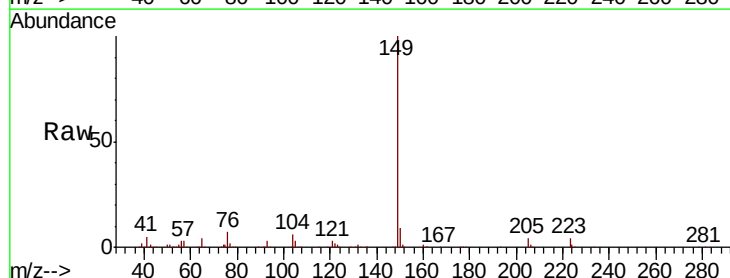
Instrument :
 BNA_M
 ClientSampleId :

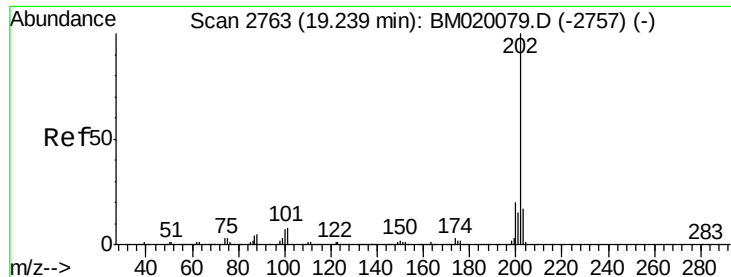
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.3	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 42.396 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.03 min
 Lab File: BM020328.D
 Acq: 14 May 2019 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.8	11.6
104	6.1	5.7	8.5





#75

Fluoranthene

Concen: 44.555 ng

RT: 19.22 min Scan# 2759

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

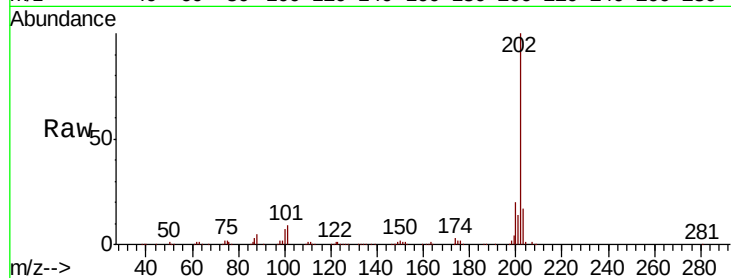
Tot Ion:202 Resp: 661898

Ion Ratio Lower Upper

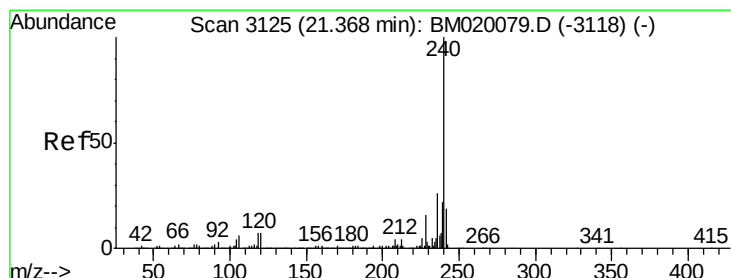
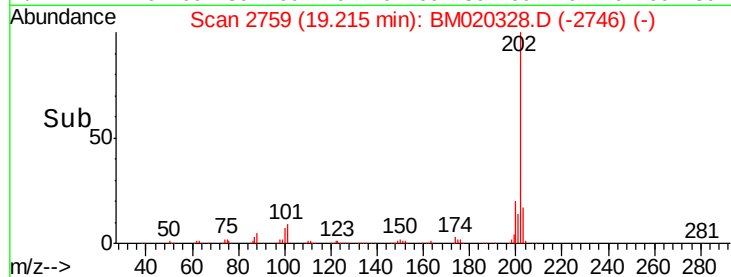
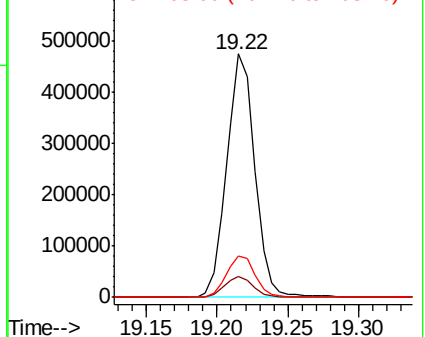
202 100

101 8.7 0.0 28.4

203 17.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

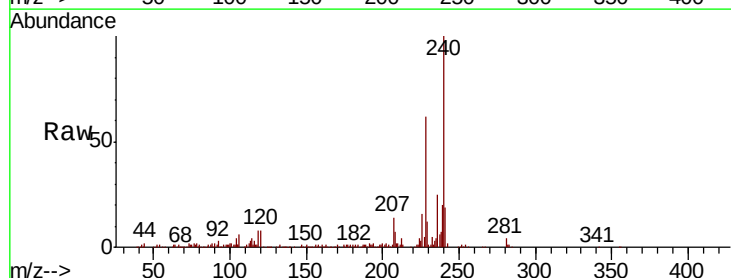
Tgt Ion:240 Resp: 236195

Ion Ratio Lower Upper

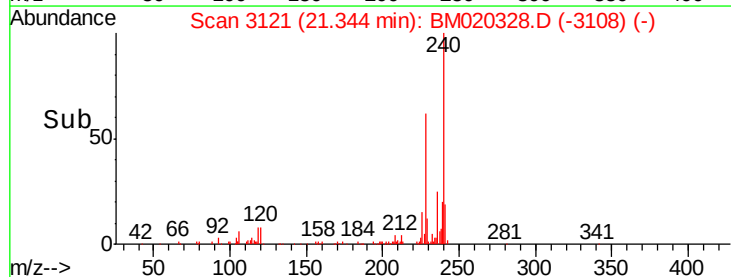
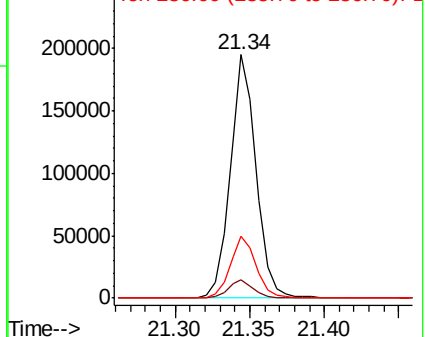
240 100

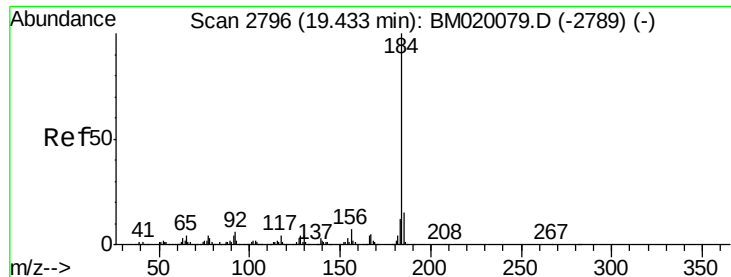
120 7.6 5.6 8.4

236 25.2 20.9 31.3



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: 23.748 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

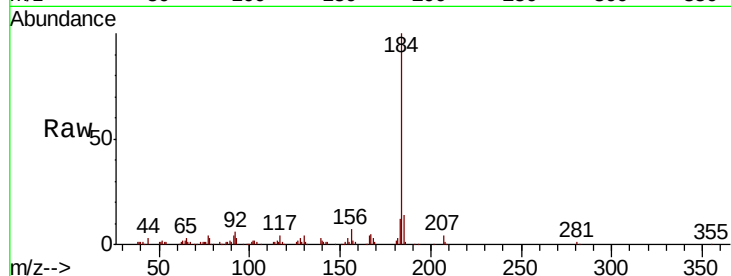
Tot Ion:184 Resp: 179328

Ion Ratio Lower Upper

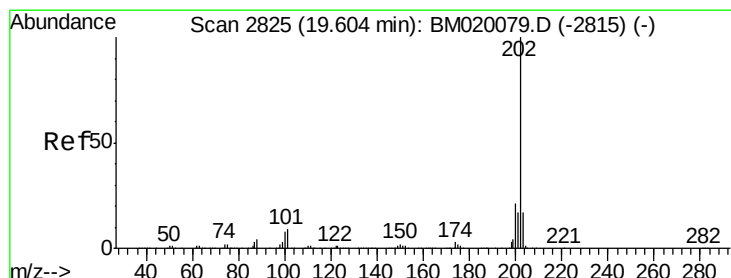
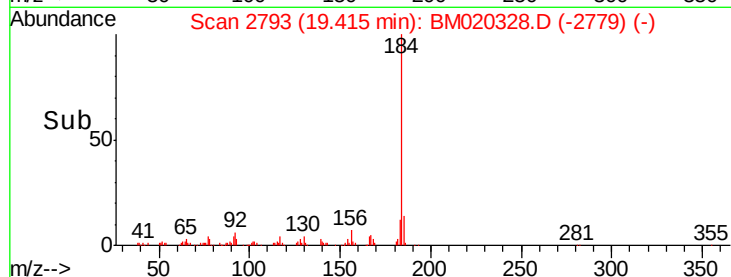
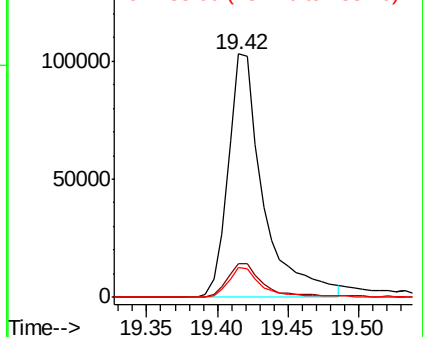
184 100

185 13.6 12.0 18.0

183 12.1 9.5 14.3



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



#78

Pyrene

Concen: 43.298 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

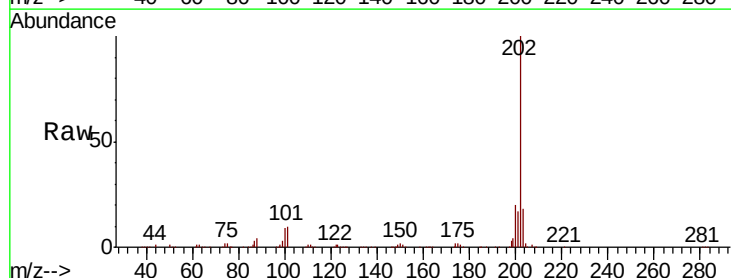
Tgt Ion:202 Resp: 686620

Ion Ratio Lower Upper

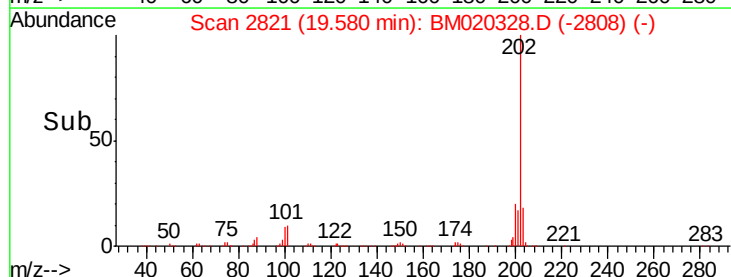
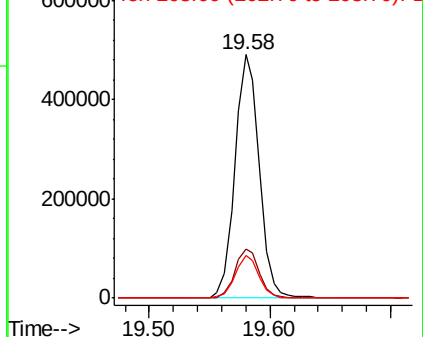
202 100

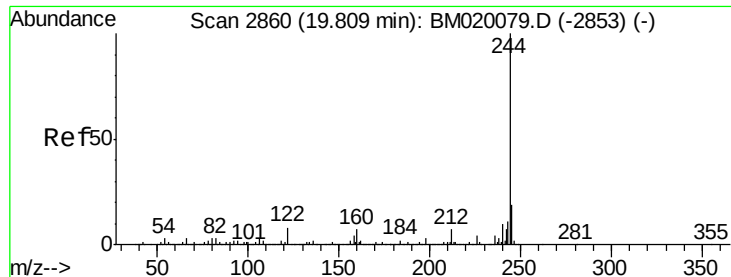
200 20.2 16.5 24.7

203 17.7 13.9 20.9



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: 85.528 ng

RT: 19.78 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

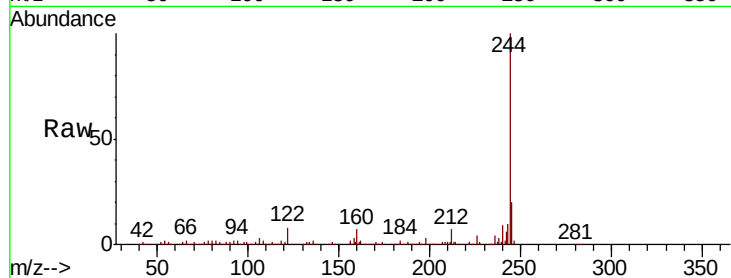
Instrument :

BNA_M

ClientSampled :

Tot Ion:244 Resp: 1158182

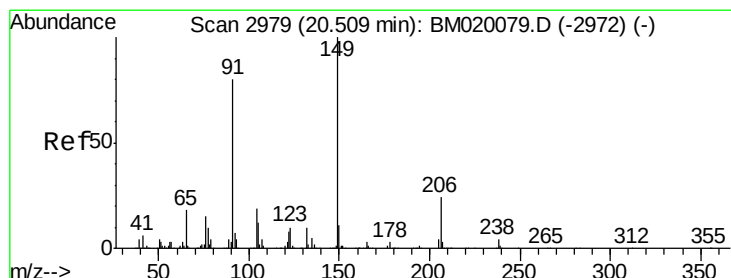
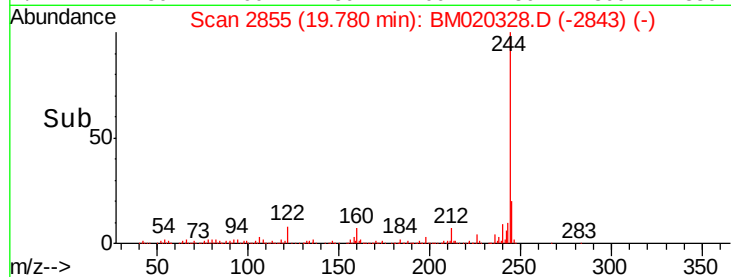
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.9	6.2	9.2



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

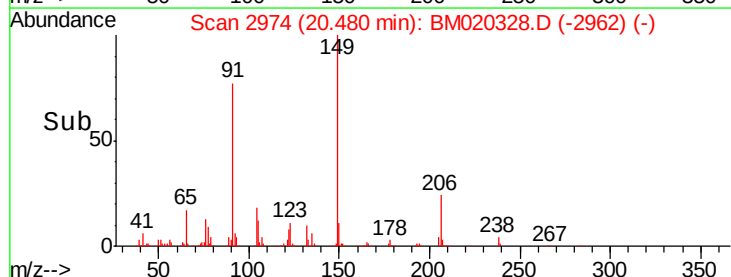
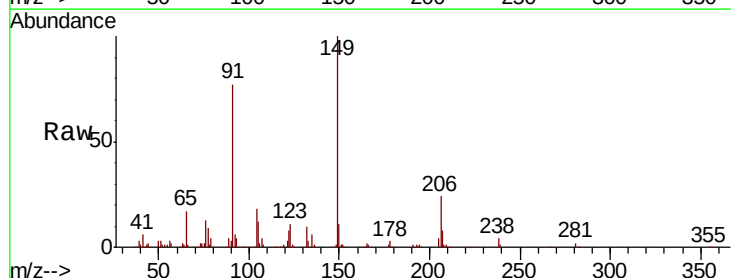
Delta R.T. -0.03 min

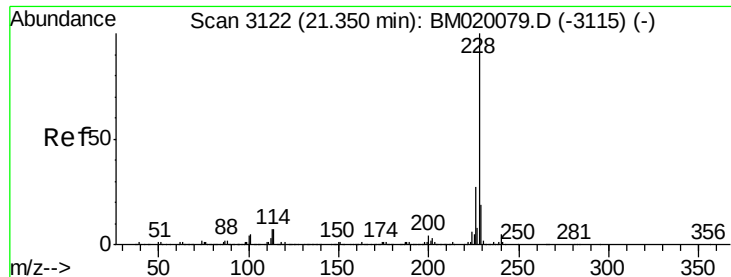
Lab File: BM020328.D

Acq: 14 May 2019 12:25

Tgt Ion:149 Resp: 253561

Ion	Ratio	Lower	Upper
149	100		
91	77.1	63.8	95.8
206	24.5	18.9	28.3





#81

Benzo(a)anthracene

Concen: 43.794 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

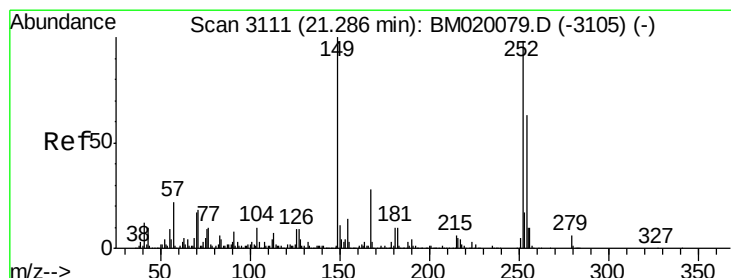
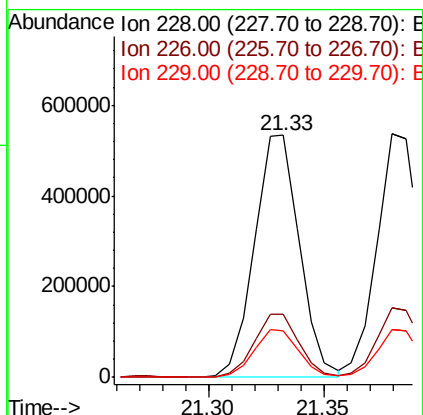
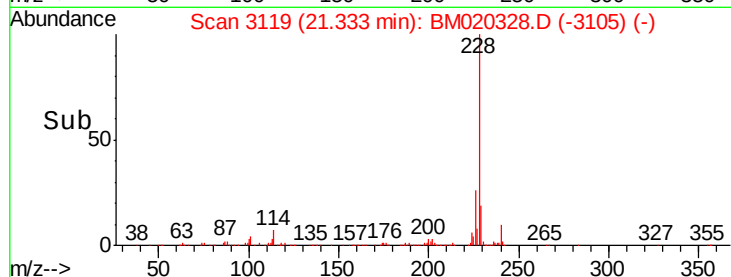
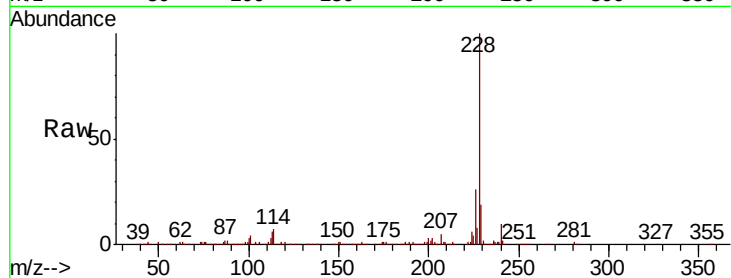
Tot Ion:228 Resp: 725426

Ion Ratio Lower Upper

228 100

226 25.9 21.3 31.9

229 19.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.512 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

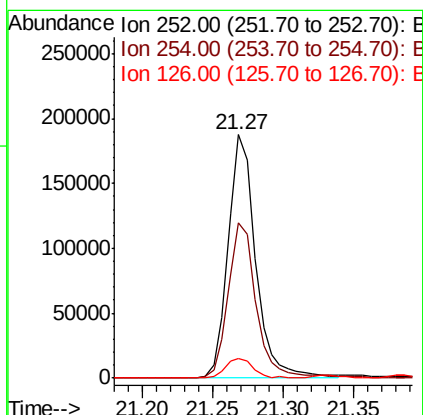
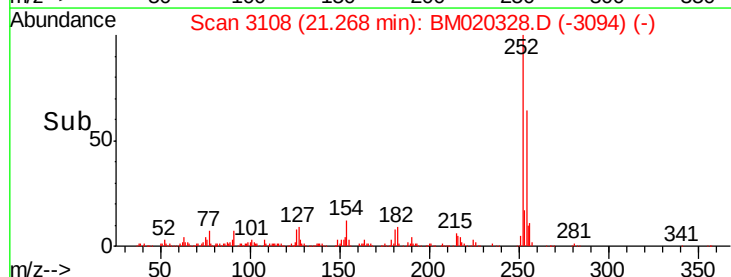
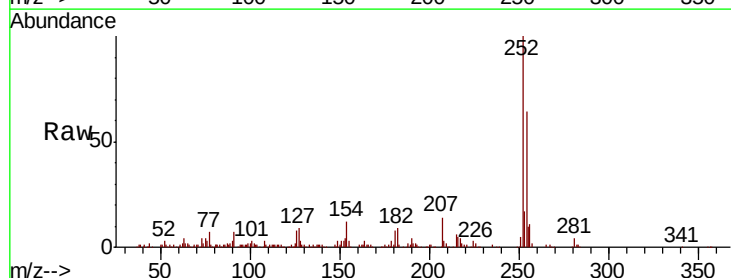
Tgt Ion:252 Resp: 256121

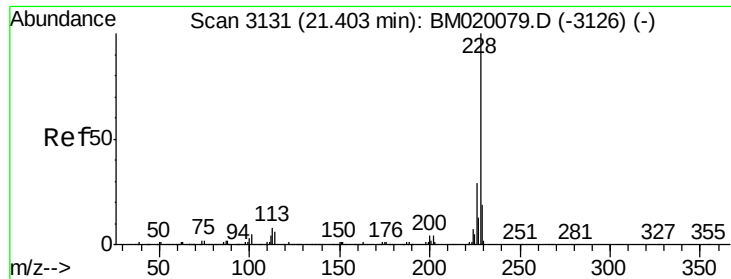
Ion Ratio Lower Upper

252 100

254 63.8 51.1 76.7

126 8.0 7.1 10.7





#83

Chrysene

Concen: 44.309 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

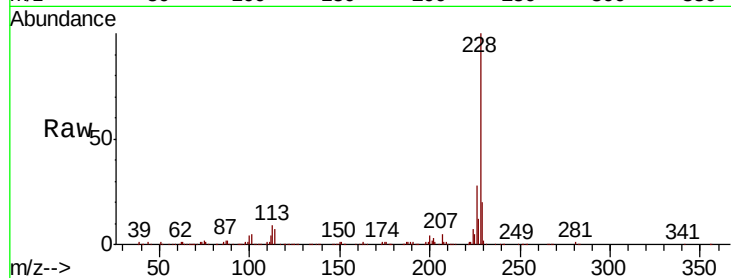
Tot Ion:228 Resp: 711806

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

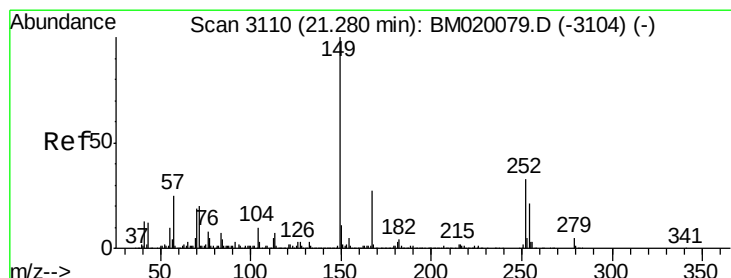
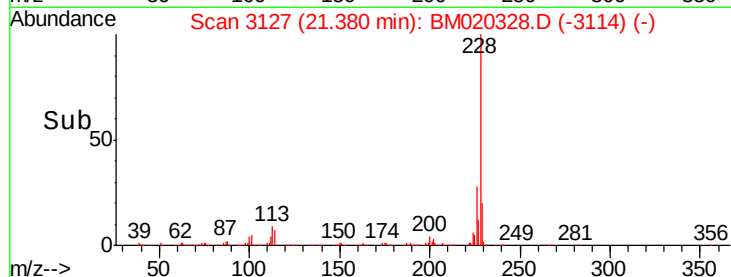
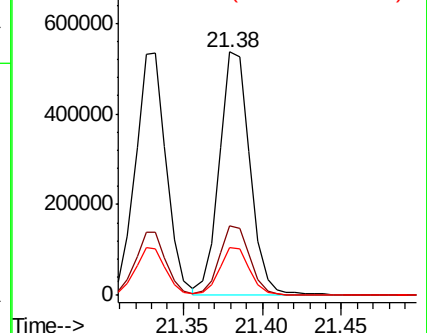
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.947 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

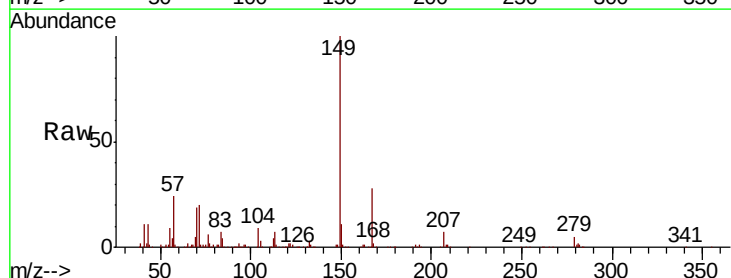
Tgt Ion:149 Resp: 375362

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

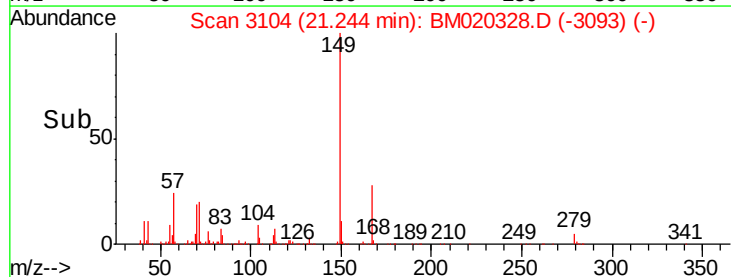
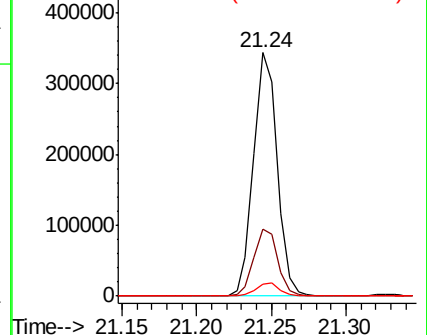
279 4.7 4.2 6.2

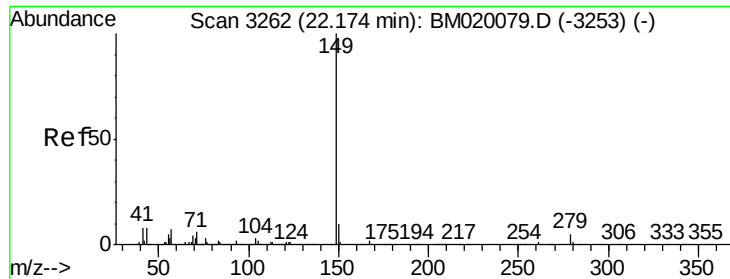


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.897 ng

RT: 22.14 min Scan# 3256

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

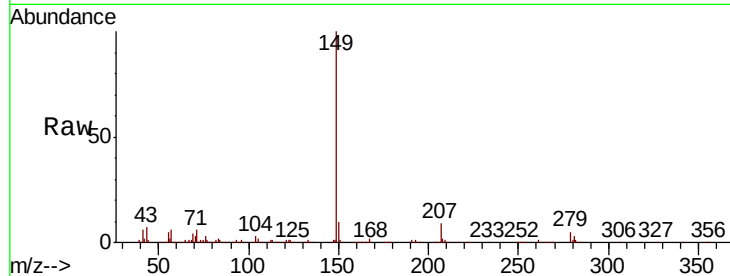
Tot Ion:149 Resp: 652881

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

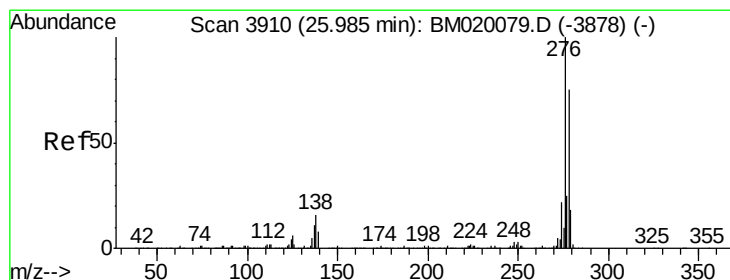
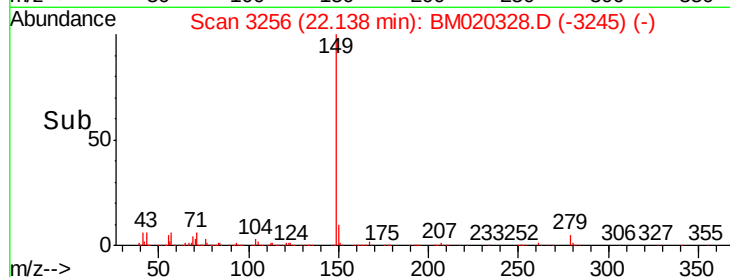
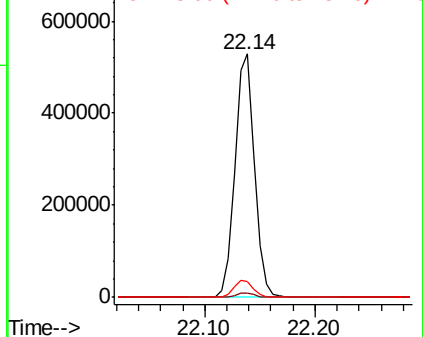
43 6.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.712 ng

RT: 25.95 min Scan# 3904

Delta R.T. -0.04 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

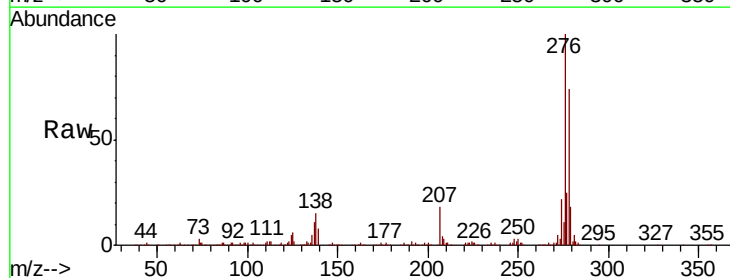
Tgt Ion:276 Resp: 892594

Ion Ratio Lower Upper

276 100

138 16.6 0.0 0.0#

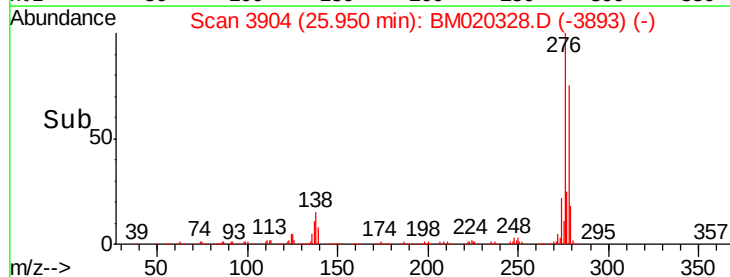
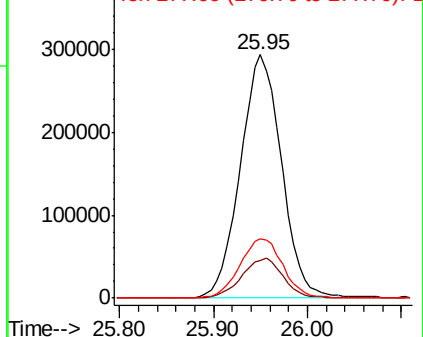
277 25.5 0.0 0.0#

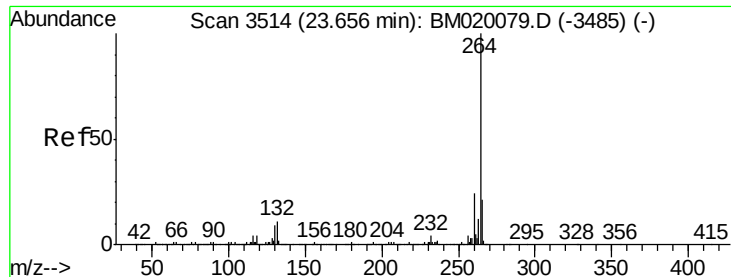


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.03 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

Instrument :

BNA_M

ClientSampleId :

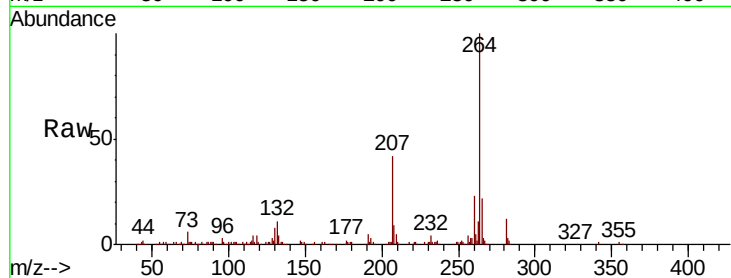
Tot Ion:264 Resp: 268209

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 22.0 16.9 25.3

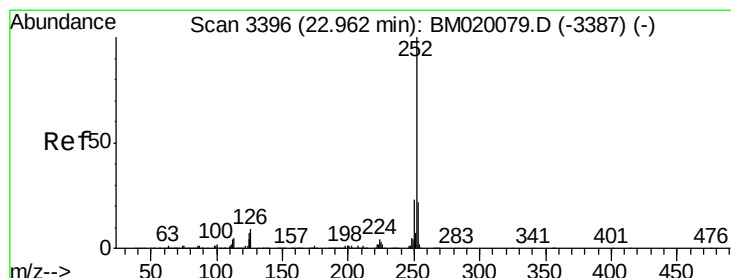
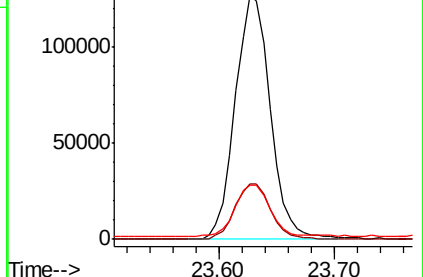
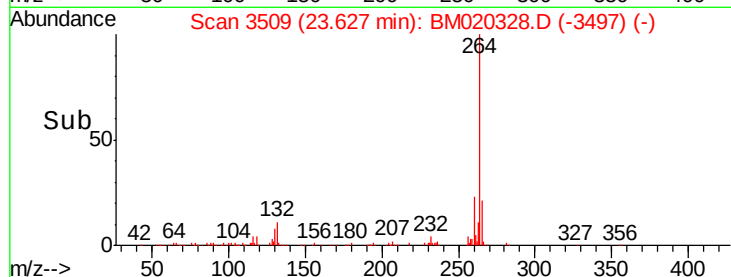


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.63



#88

Benzo(b)fluoranthene

Concen: 43.282 ng

RT: 22.94 min Scan# 3392

Delta R.T. -0.02 min

Lab File: BM020328.D

Acq: 14 May 2019 12:25

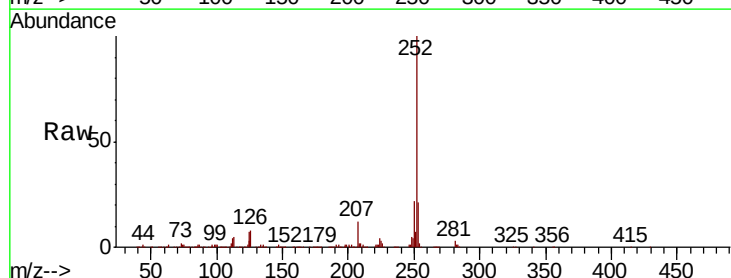
Tgt Ion:252 Resp: 766571

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 6.6 5.4 8.2

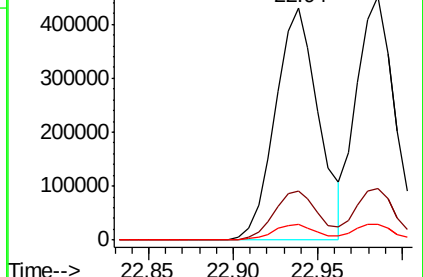
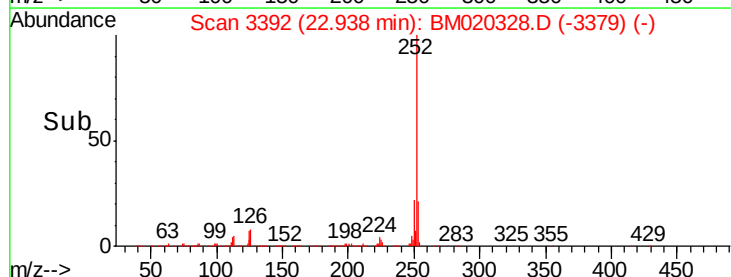


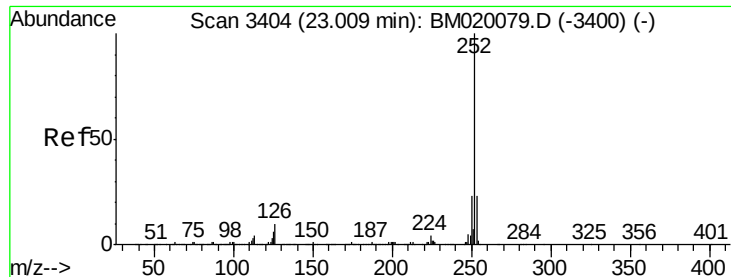
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

22.94

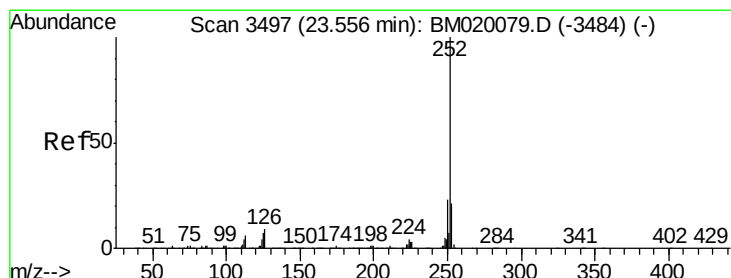
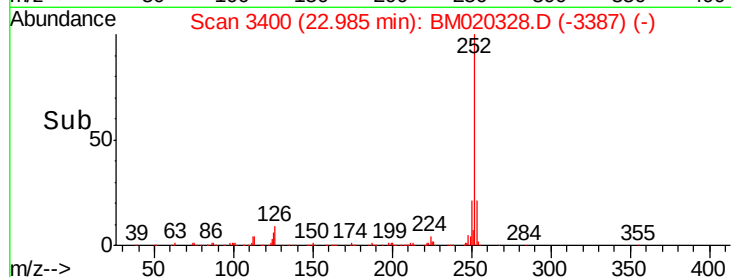
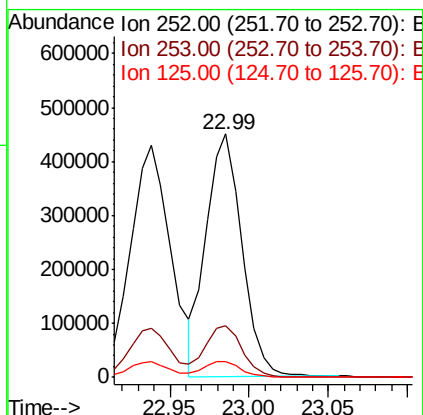
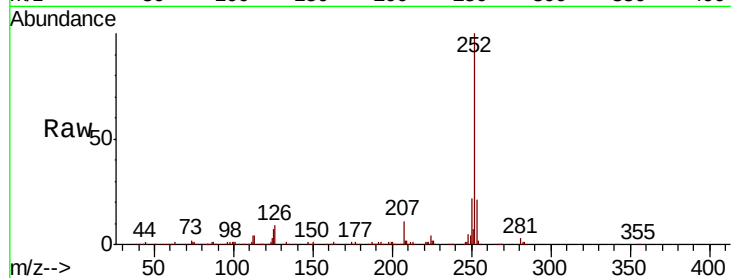




#89
Benzo(k)fluoranthene
Concen: 43.762 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

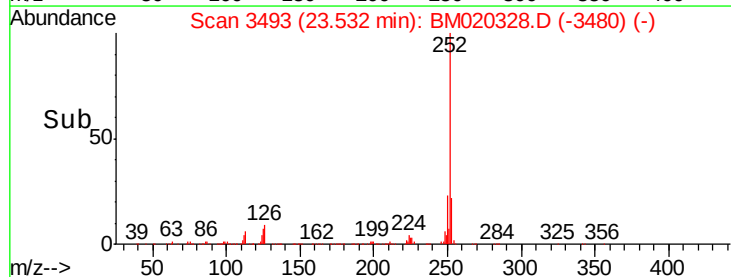
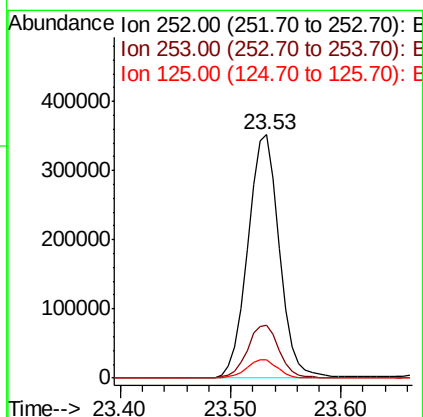
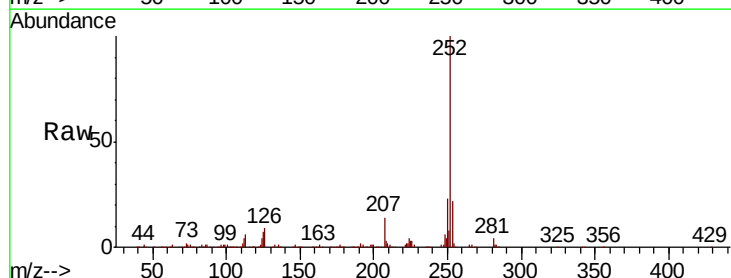
Instrument :
BNA_M
ClientSampleId :

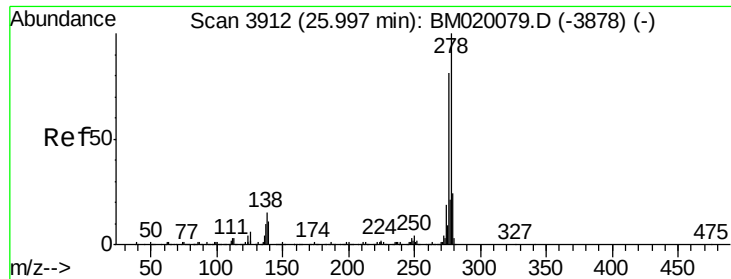
Tot Ion:252 Resp: 707004
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 6.5 5.4 8.0



#90
Benzo(a)pyrene
Concen: 43.879 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:252 Resp: 705898
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 7.5 5.5 8.3



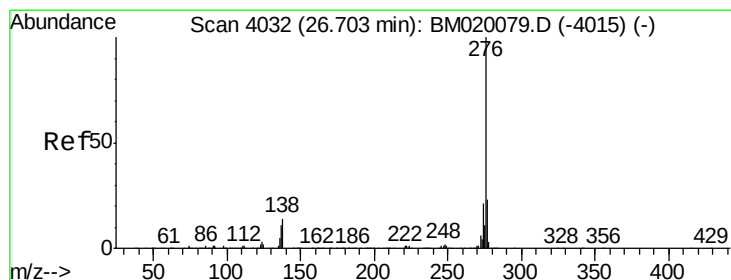
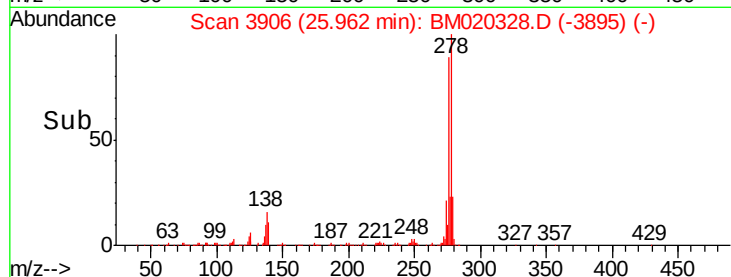
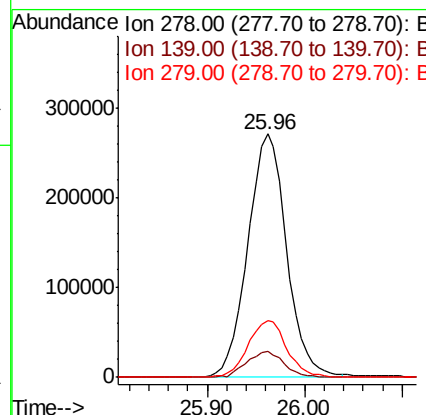
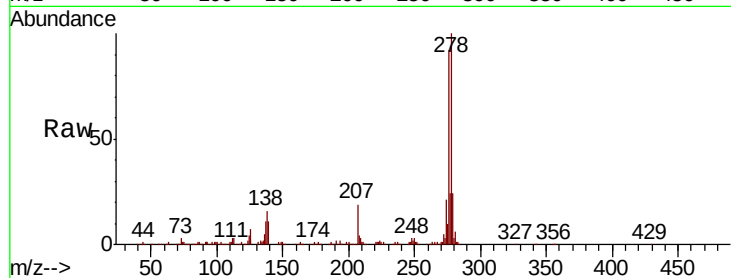


#91
Dibenzo(a,h)anthracene
Concen: 45.090 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.04 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 754362

Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.6	13.0
279	23.5	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 45.929 ng
RT: 26.66 min Scan# 4025
Delta R.T. -0.04 min
Lab File: BM020328.D
Acq: 14 May 2019 12:25

Tgt Ion:276 Resp: 729523

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	14.8	11.1	16.7

