

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020259.D
 Acq On : 11 May 2019 03:18
 Operator : JU/SJ
 Sample : K2801-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

Quant Time: May 11 05:54:27 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	7.77	152	96771	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	375145	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	242300	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	601637	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	480792	20.00	ng	-0.01
87) Perylene-d12	23.64	264	478260	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	832565	140.63	ng	-0.01
7) Phenol-d6	6.95	99	1183351	146.31	ng	0.00
23) Nitrobenzene-d5	8.95	82	816581	85.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	577194	153.47	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1713337	87.00	ng	-0.02
79) Terphenyl-d14	19.80	244	2955845	107.23	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	76435	26.325	ng	94
3) Pyridine	3.69	79	210814	28.389	ng	95
4) n-Nitrosodimethylamine	3.61	42	74085	31.112	ng	# 61
6) Aniline	7.12	93	219275	21.538	ng	98
8) 2-Chlorophenol	7.34	128	252759	39.211	ng	99
9) Benzaldehyde	6.93	77	142761	23.322	ng	94
10) Phenol	6.97	94	354436	40.708	ng	90
11) bis(2-Chloroethyl)ether	7.21	93	245683	38.823	ng	98
12) 1,3-Dichlorobenzene	7.66	146	267235	35.631	ng	95
13) 1,4-Dichlorobenzene	7.81	146	273022	36.035	ng	96
14) 1,2-Dichlorobenzene	8.12	146	261770	36.265	ng	97
15) Benzyl Alcohol	8.02	79	281970	36.156	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	190669	36.336	ng	96
17) 2-Methylphenol	8.22	107	227981	40.676	ng	95
18) Hexachloroethane	8.84	117	99411	31.468	ng	97
19) n-Nitroso-di-n-propylamine	8.58	70	244713	35.365	ng	94
20) 3+4-Methylphenols	8.55	107	306090	41.091	ng	95
22) Acetophenone	8.60	105	396269	38.650	ng	# 95
24) Nitrobenzene	8.99	77	357820	36.319	ng	96
25) Isophorone	9.50	82	625602	38.178	ng	99
26) 2-Nitrophenol	9.69	139	136163	45.779	ng	93
27) 2,4-Dimethylphenol	9.75	122	228993	46.244	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	341908	38.311	ng	98
29) 2,4-Dichlorophenol	10.22	162	265581	42.533	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	299585	38.993	ng	98
31) Naphthalene	10.62	128	764180	39.254	ng	99
32) Benzoic acid	9.89	122	116127	35.031	ng	91
33) 4-Chloroaniline	10.74	127	129413	16.151	ng	96
34) Hexachlorobutadiene	10.88	225	190457	35.042	ng	96
35) Caprolactam	11.55	113	43424	23.258	ng	99
36) 4-Chloro-3-methylphenol	11.86	107	296856	40.456	ng	95
37) 2-Methylnaphthalene	12.23	142	582994	41.077	ng	97
38) 1-Methylnaphthalene	12.45	142	563513	40.604	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	362223	38.210	ng	98

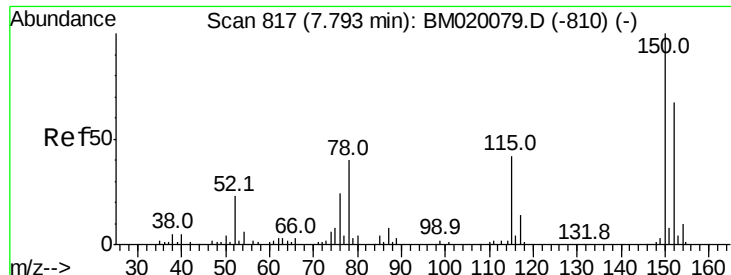
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	138425	24.800	ng	97
43) 2,4,6-Trichlorophenol	12.85	196	241095	44.750	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	260144	43.223	ng	96
46) 1,1'-Biphenyl	13.25	154	767731	38.495	ng	98
47) 2-Chloronaphthalene	13.29	162	626245	39.329	ng	99
48) 2-Nitroaniline	13.51	65	221777	39.121	ng	92
49) Acenaphthylene	14.15	152	975832	38.292	ng	98
50) Dimethylphthalate	13.89	163	1014637	49.270	ng	98
51) 2,6-Dinitrotoluene	14.01	165	173328	39.961	ng	89
52) Acenaphthene	14.49	154	576442	39.445	ng	98
53) 3-Nitroaniline	14.34	138	113269	28.137	ng	93
54) 2,4-Dinitrophenol	14.55	184	86702	44.152	ng	89
55) Dibenzofuran	14.82	168	971022	39.392	ng	96
56) 4-Nitrophenol	14.66	139	294760	85.817	ng	# 83
57) 2,4-Dinitrotoluene	14.80	165	248490	42.161	ng	94
58) Fluorene	15.47	166	799217	39.478	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	254375	44.475	ng	96
60) Diethylphthalate	15.24	149	781745	37.678	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	446105	38.891	ng	96
62) 4-Nitroaniline	15.52	138	150286	33.828	ng	86
63) Azobenzene	15.76	77	882815	36.068	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	63197	24.874	ng	98
66) n-Nitrosodiphenylamine	15.69	169	698630	39.463	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	283046	38.365	ng	94
68) Hexachlorobenzene	16.46	284	322727	38.014	ng	97
69) Atrazine	16.64	200	258467	37.359	ng	99
70) Pentachlorophenol	16.82	266	430697	88.666	ng	98
71) Phenanthrene	17.22	178	1317713	39.677	ng	99
72) Anthracene	17.30	178	1345625	40.525	ng	100
73) Carbazole	17.58	167	1172729	39.142	ng	98
74) Di-n-butylphthalate	18.13	149	1422438	39.450	ng	98
75) Fluoranthene	19.23	202	1570629	37.378	ng	99
77) Benzidine	19.42	184	449854	29.266	ng	100
78) Pyrene	19.59	202	1552477	48.094	ng	100
80) Butylbenzylphthalate	20.49	149	632297	53.865	ng	99
81) Benzo(a)anthracene	21.34	228	1293159	38.352	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	462710	35.955	ng	99
83) Chrysene	21.39	228	1262050	38.594	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	900836	49.455	ng	99
85) Di-n-octyl phthalate	22.14	149	1370697	45.275	ng	97
86) Indeno(1,2,3-cd)pyrene	25.98	276	1337183	34.378	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1218388	38.579	ng	100
89) Benzo(k)fluoranthene	23.00	252	1172014	40.683	ng	99
90) Benzo(a)pyrene	23.54	252	1147718	40.009	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1149632	38.536	ng	100
92) Benzo(g,h,i)perylene	26.70	276	1101512	38.891	ng	100

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

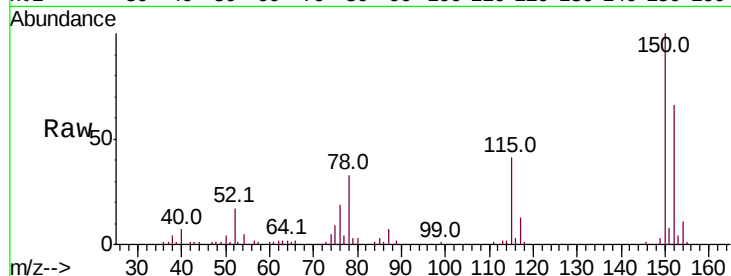


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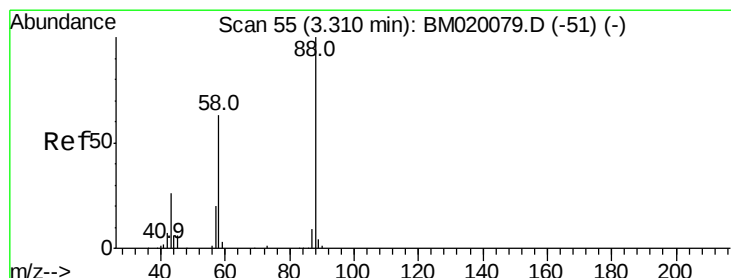
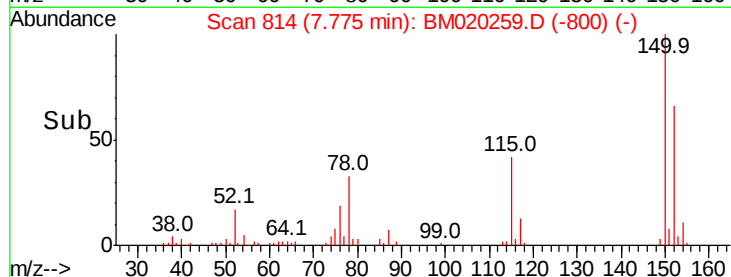
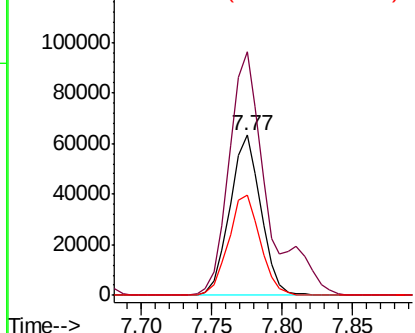
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

Tot Ion:152 Resp: 96771
Ion Ratio Lower Upper
152 100
150 152.0 119.8 179.8
115 62.9 50.8 76.2



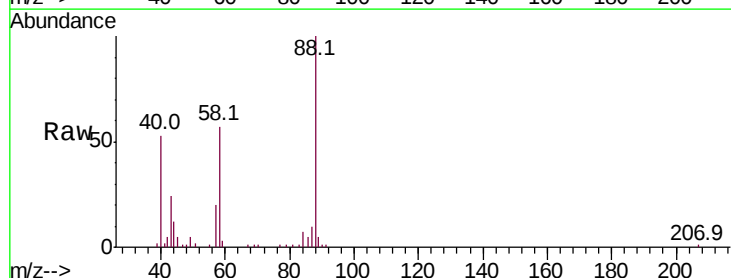
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



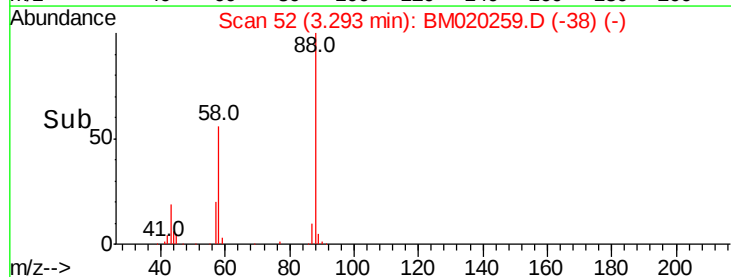
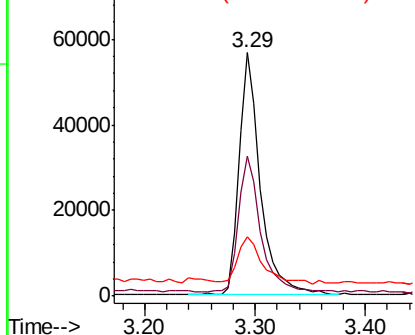
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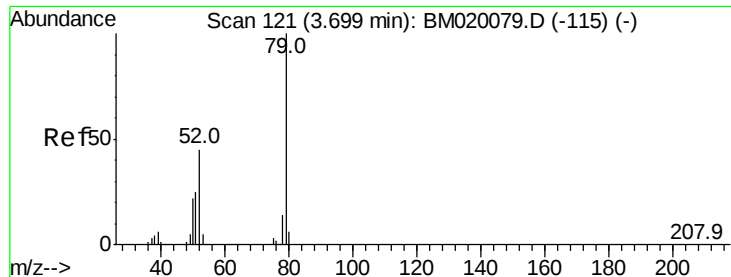
1,4-Dioxane
Concen: 26.325 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion: 88 Resp: 76435
Ion Ratio Lower Upper
88 100
58 58.8 51.8 77.6
43 23.5 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: 28.389 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

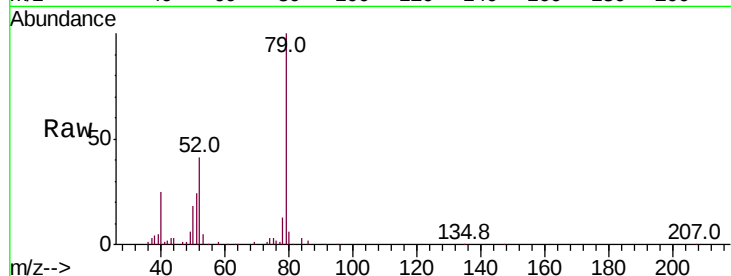
Tot Ion: 79 Resp: 210814

Ion Ratio Lower Upper

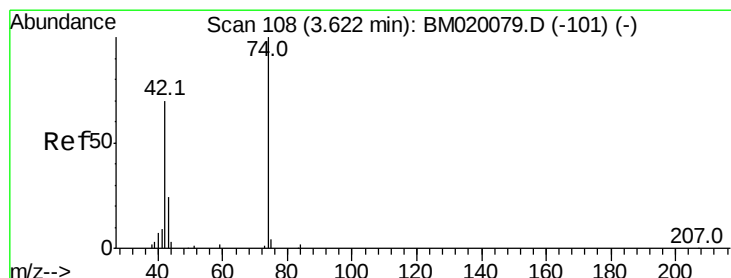
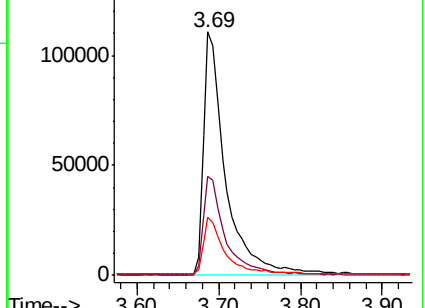
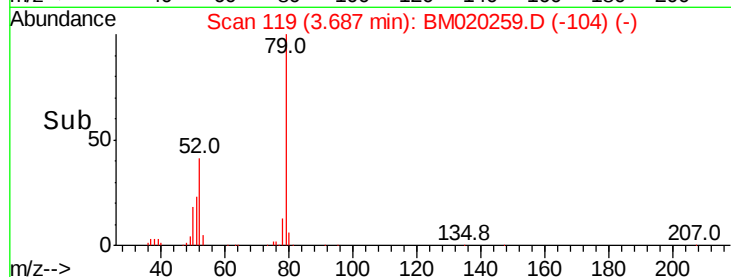
79 100

52 40.7 35.7 53.5

51 23.8 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 31.112 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

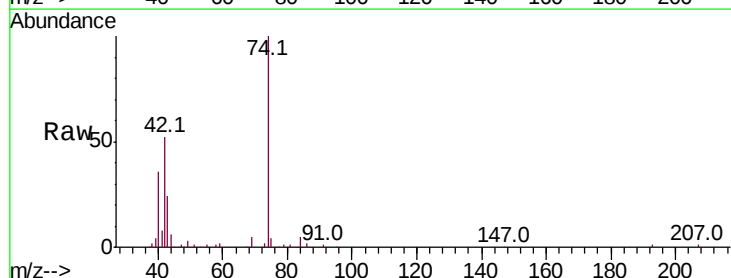
Tgt Ion: 42 Resp: 74085

Ion Ratio Lower Upper

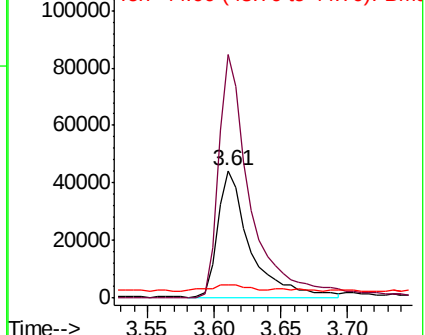
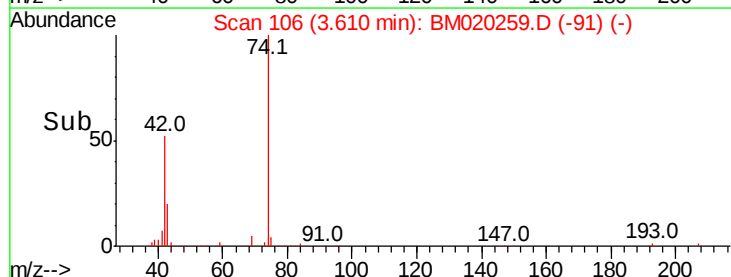
42 100

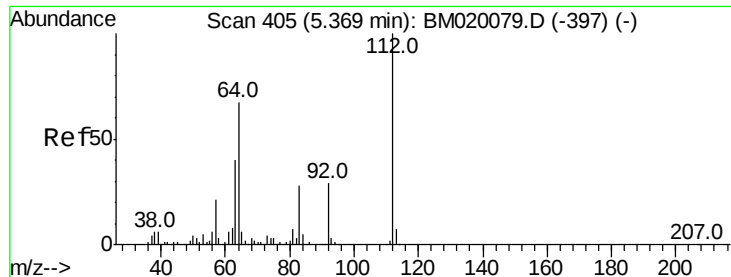
74 190.8 113.7 170.5#

44 10.6 3.9 5.9#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 140.631 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

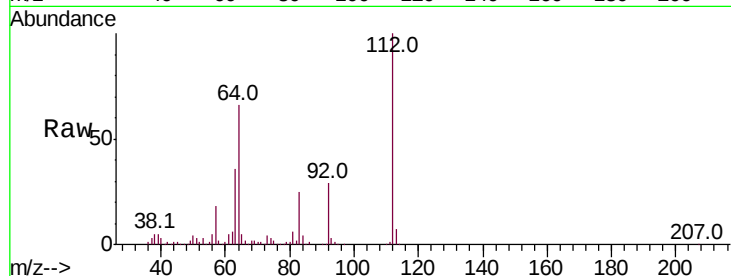
Tot Ion:112 Resp: 832565

Ion Ratio Lower Upper

112 100

64 65.9 53.8 80.6

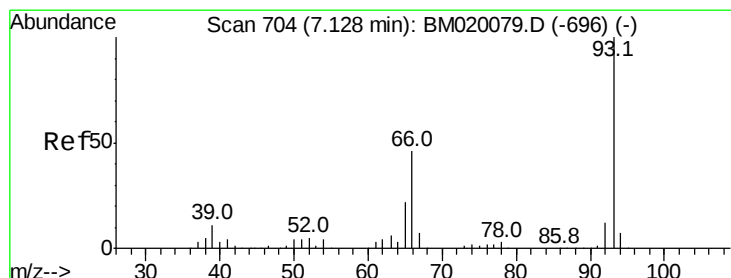
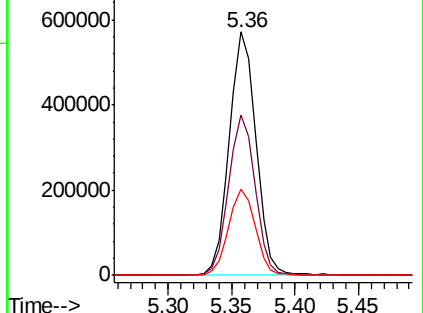
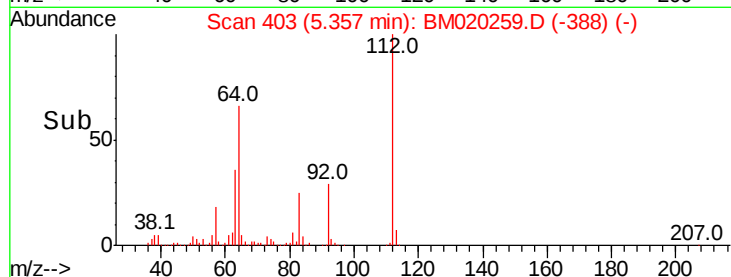
63 35.5 32.3 48.5



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: 21.538 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

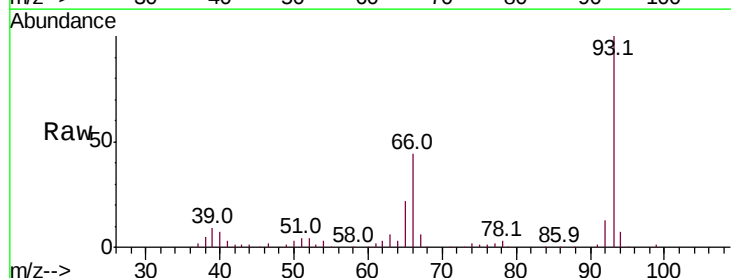
Tgt Ion: 93 Resp: 219275

Ion Ratio Lower Upper

93 100

66 44.2 36.6 54.8

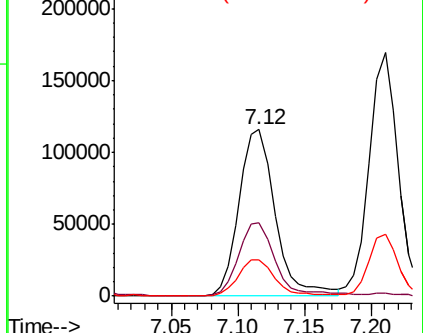
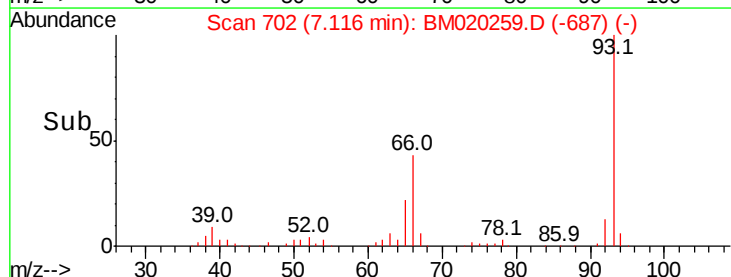
65 22.1 17.8 26.6

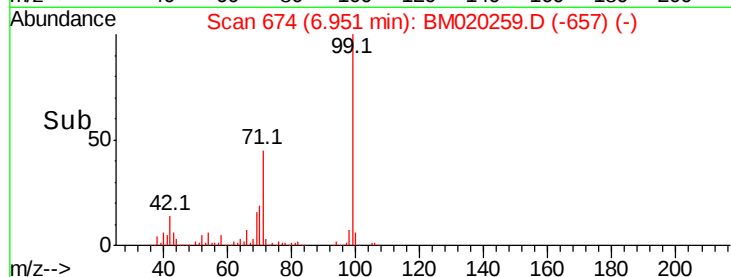
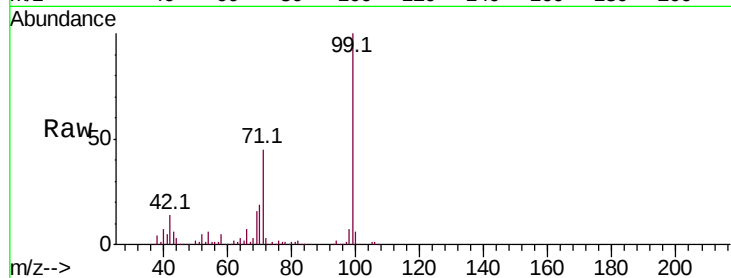
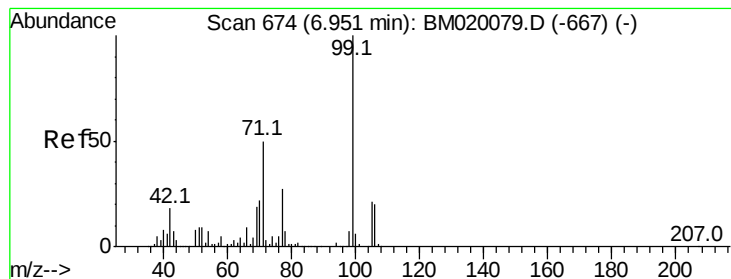


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 146.313 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

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ClientSampleId :

RBR-200035MS

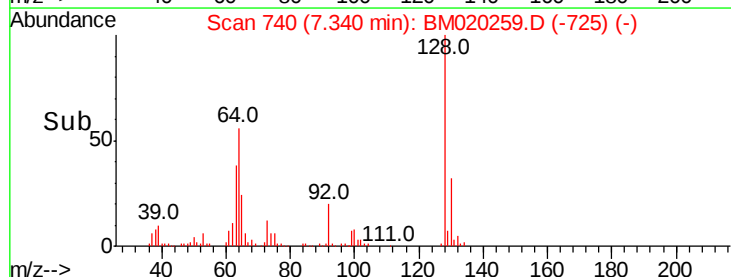
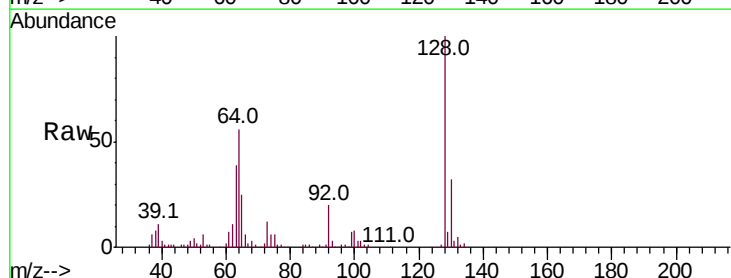
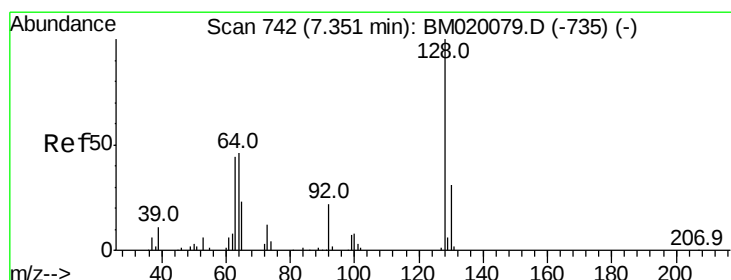
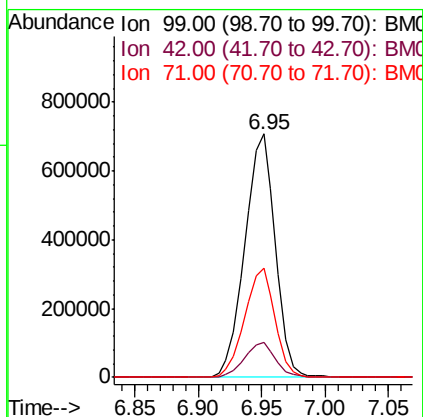
Tot Ion: 99 Resp: 1183351

Ion Ratio Lower Upper

99 100

42 14.1 14.2 21.2#

71 44.6 40.3 60.5



#8

2-Chlorophenol

Concen: 39.211 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

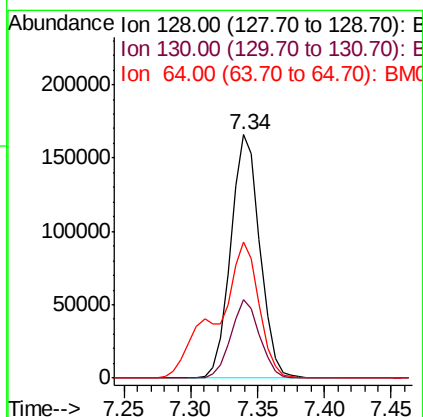
Tgt Ion:128 Resp: 252759

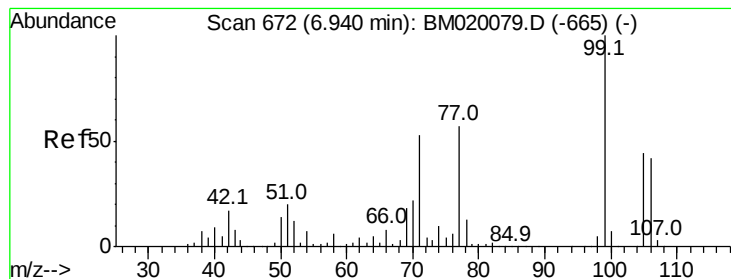
Ion Ratio Lower Upper

128 100

130 32.2 10.8 50.8

64 56.2 36.5 76.5





#9

Benzaldehyde

Concen: 23.322 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleID :

RBR-200035MS

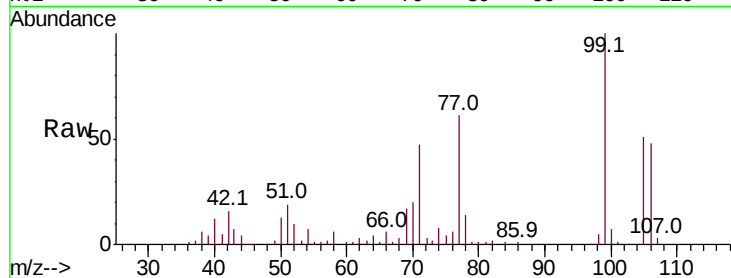
Tot Ion: 77 Resp: 142761

Ion Ratio Lower Upper

77 100

105 83.9 57.8 97.8

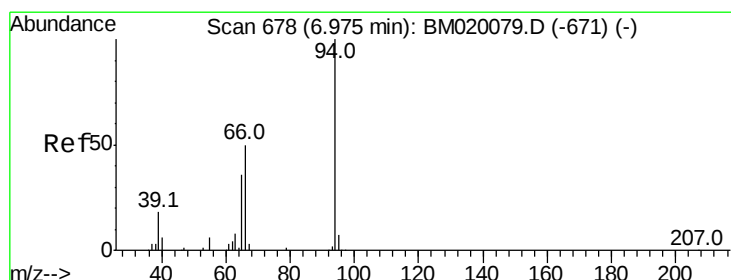
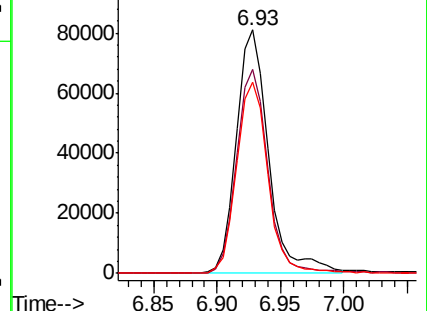
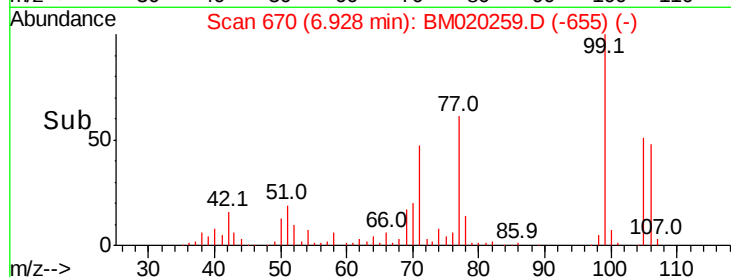
106 78.3 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020259.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020259.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020259.D (-655) (-)



#10

Phenol

Concen: 40.708 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

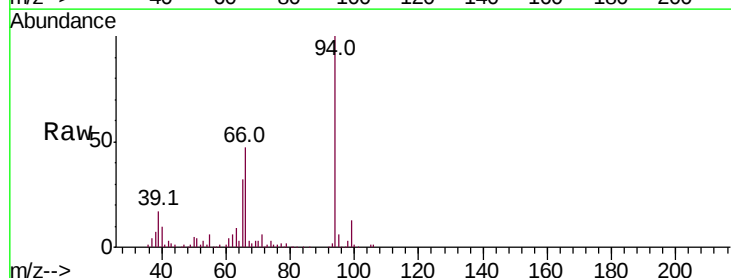
Tgt Ion: 94 Resp: 354436

Ion Ratio Lower Upper

94 100

65 32.2 17.0 57.0

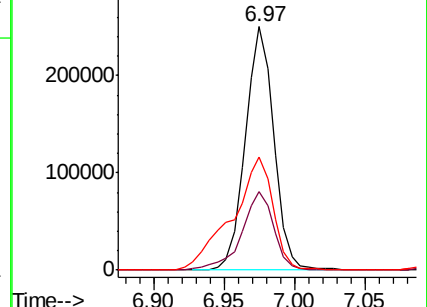
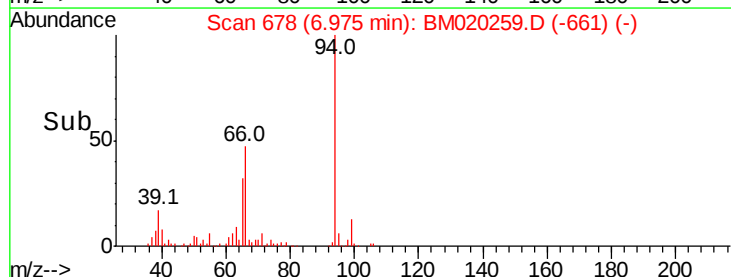
66 46.6 34.5 74.5

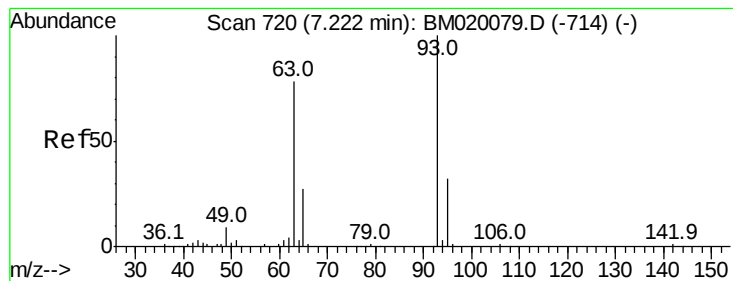


Abundance Ion 94.00 (93.70 to 94.70): BM020259.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020259.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020259.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.823 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

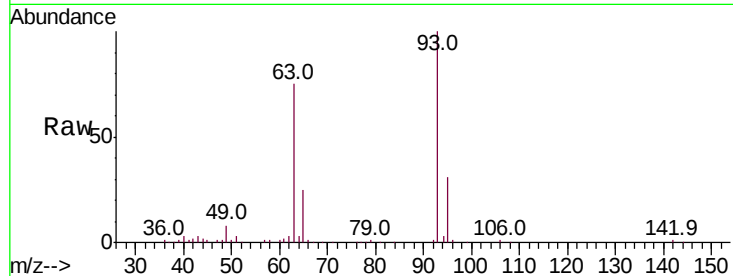
Tot Ion: 93 Resp: 245683

Ion Ratio Lower Upper

93 100

63 75.1 57.9 97.9

95 31.3 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BM020079.D (-714) (-)

Ion 63.00 (62.70 to 63.70): BM020079.D (-714) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-714) (-)

7.21

150000

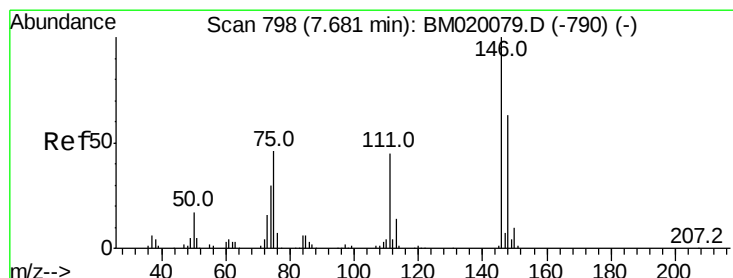
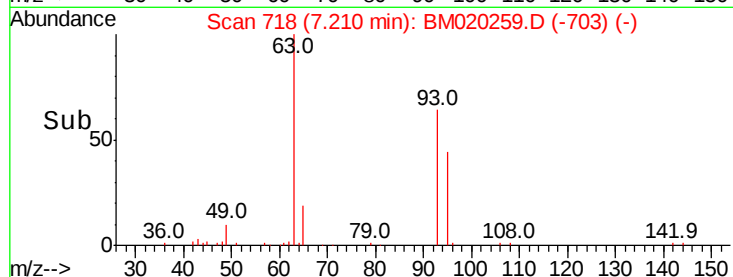
100000

50000

0

7.15 7.20 7.25 7.30

Time-->



#12

1,3-Dichlorobenzene

Concen: 35.631 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

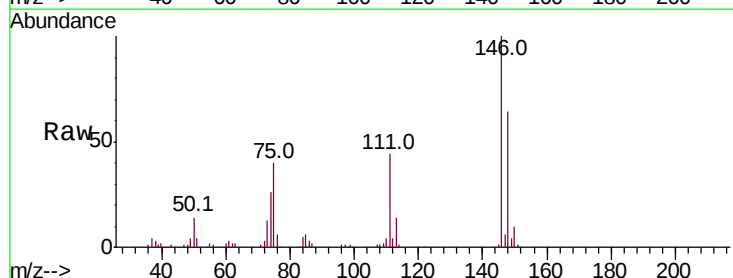
Tgt Ion: 146 Resp: 267235

Ion Ratio Lower Upper

146 100

148 64.0 50.1 75.1

75 40.2 37.2 55.8



Abundance Ion 146.00 (145.70 to 146.70): BM020079.D (-790) (-)

Ion 148.00 (147.70 to 148.70): BM020079.D (-790) (-)

Ion 75.00 (74.70 to 75.70): BM020079.D (-790) (-)

7.66

150000

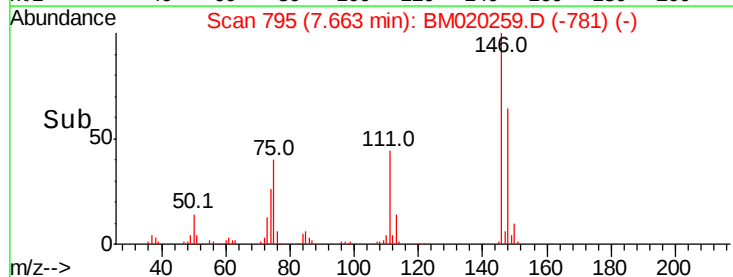
100000

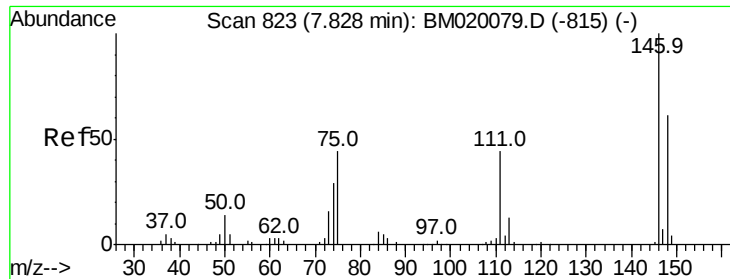
50000

0

7.60 7.65 7.70 7.75

Time-->





#13

1,4-Dichlorobenzene

Concen: 36.035 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

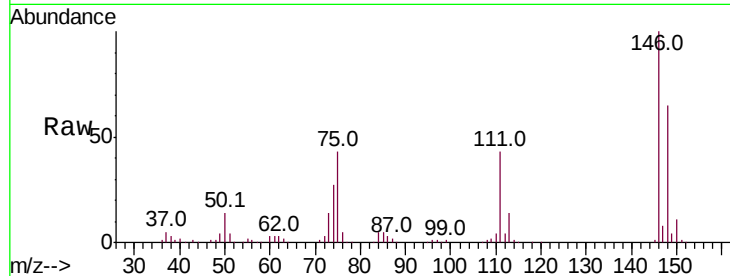
Tot Ion:146 Resp: 273022

Ion Ratio Lower Upper

146 100

148 64.8 48.5 72.7

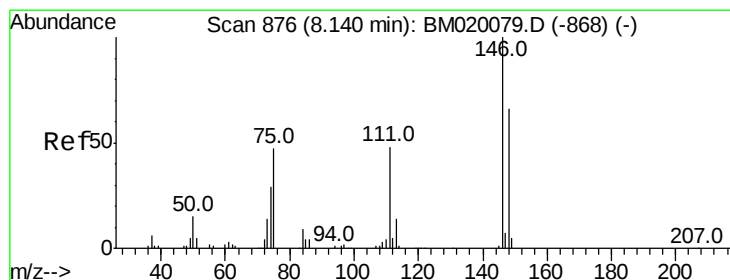
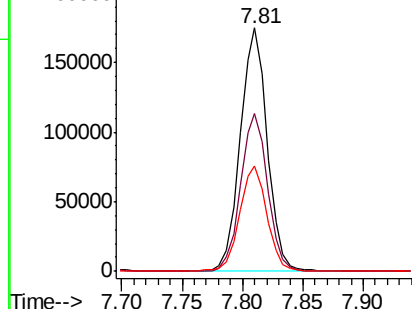
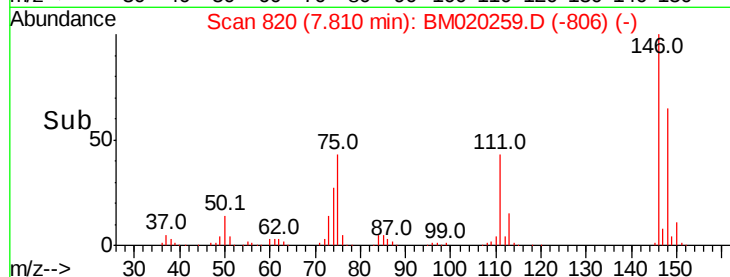
111 43.0 35.7 53.5



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: 36.265 ng

RT: 8.12 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

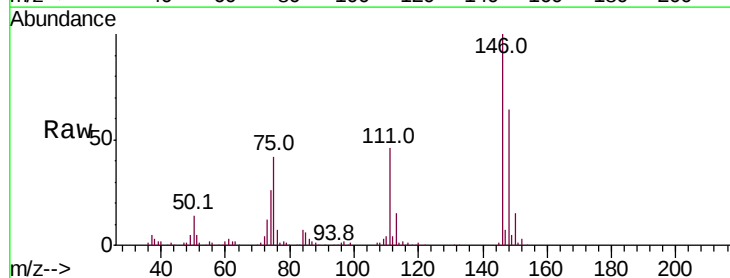
Tgt Ion:146 Resp: 261770

Ion Ratio Lower Upper

146 100

148 63.9 52.6 79.0

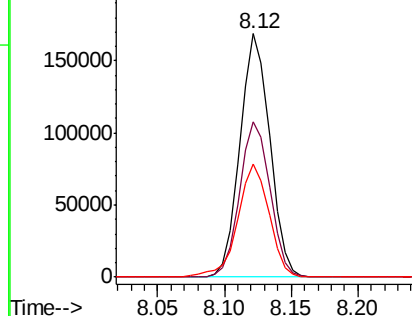
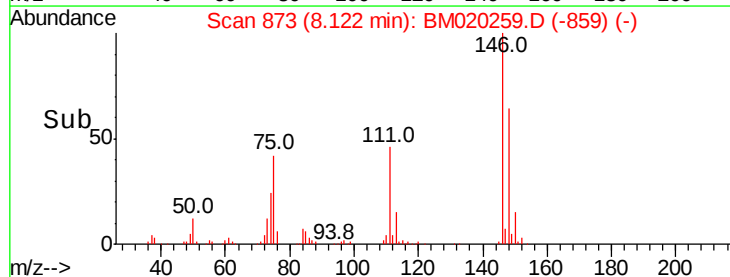
111 46.3 39.0 58.4

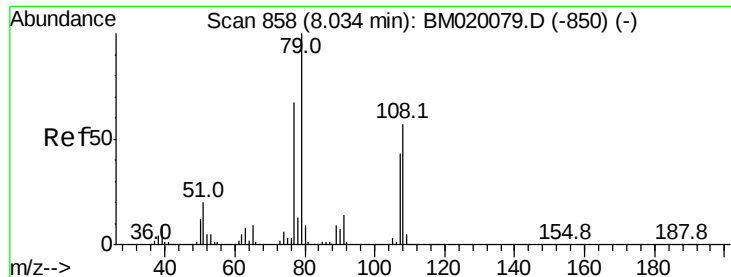


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.156 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

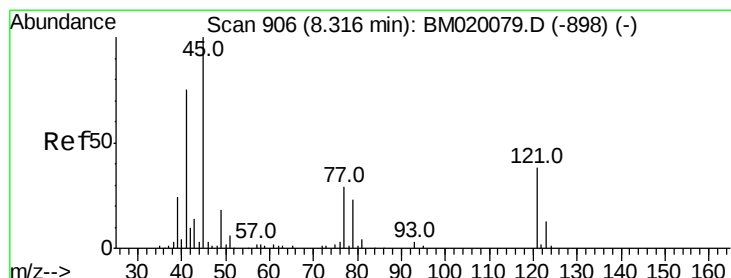
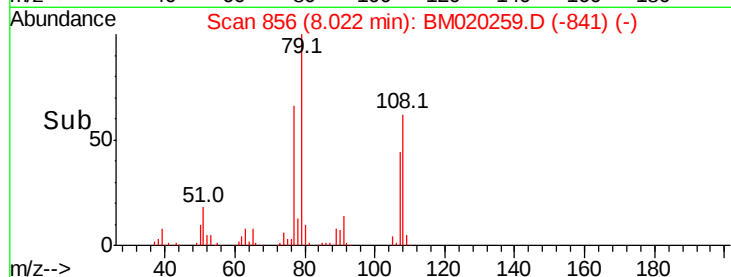
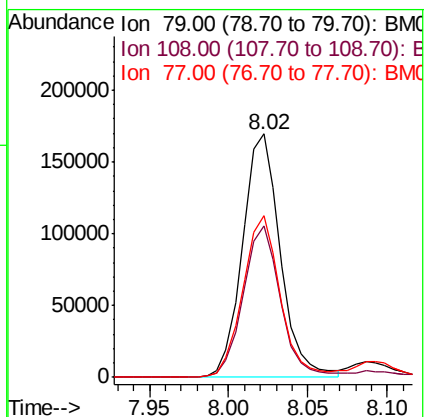
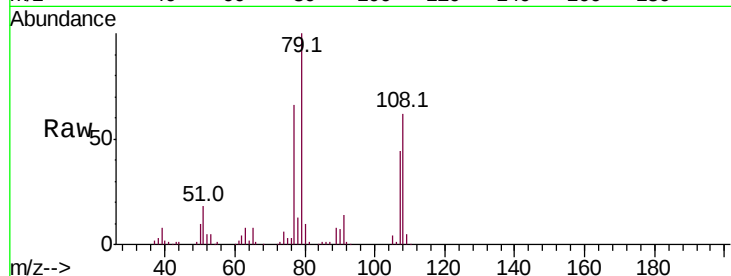
Tot Ion: 79 Resp: 281970

Ion Ratio Lower Upper

79 100

108 62.0 46.0 69.0

77 66.2 53.8 80.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.336 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

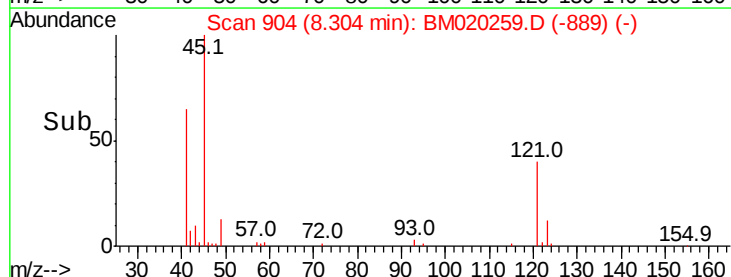
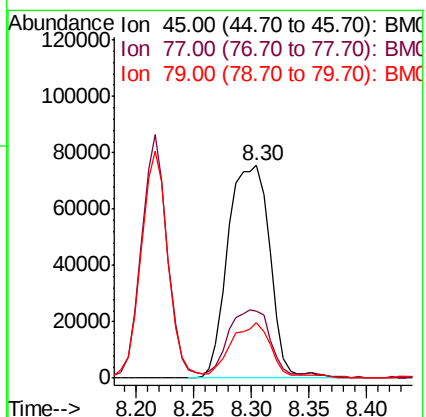
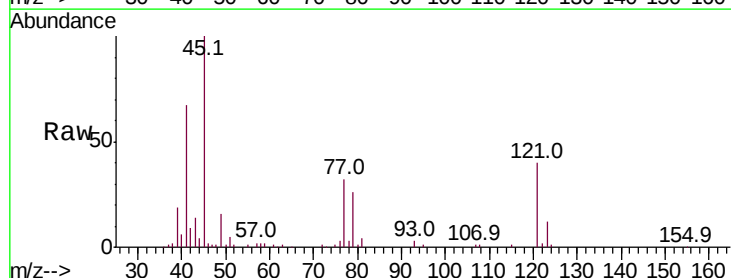
Tgt Ion: 45 Resp: 190669

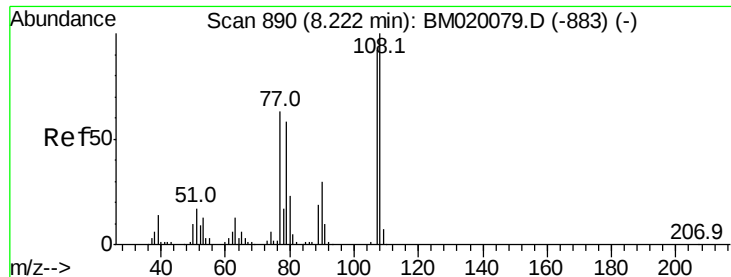
Ion Ratio Lower Upper

45 100

77 31.6 10.5 50.5

79 26.0 3.3 43.3

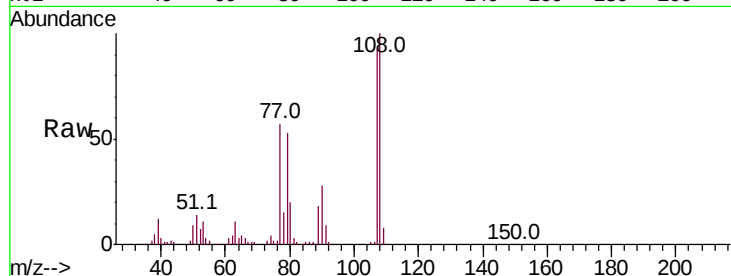




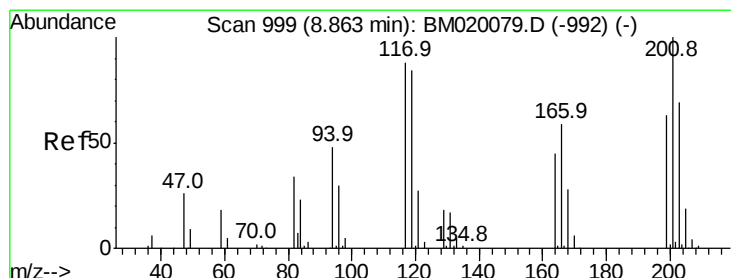
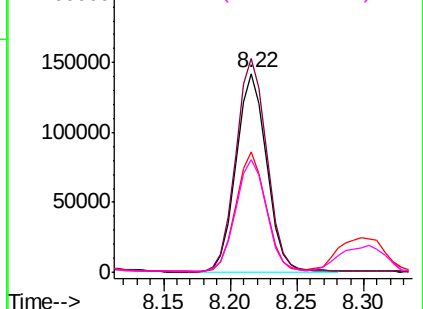
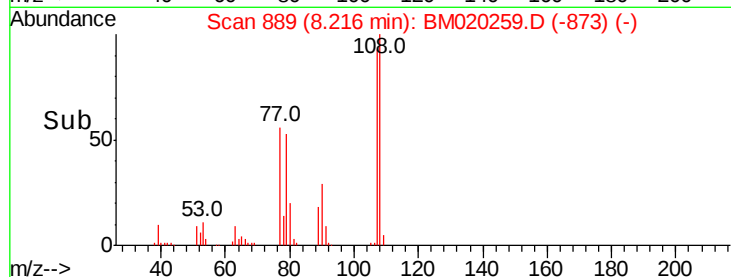
#17
2-Methylphenol
Concen: 40.676 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

Tot Ion:107 Resp: 227981
Ion Ratio Lower Upper
107 100
108 107.5 87.0 130.4
77 60.8 54.7 82.1
79 56.6 50.1 75.1

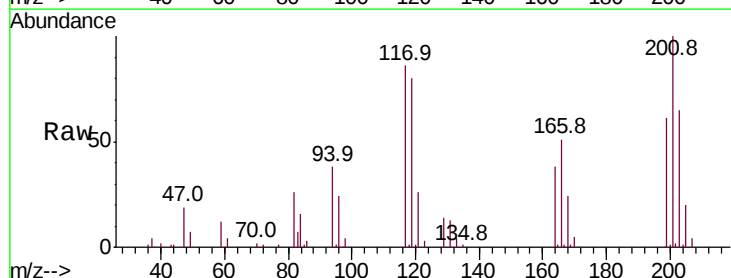


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

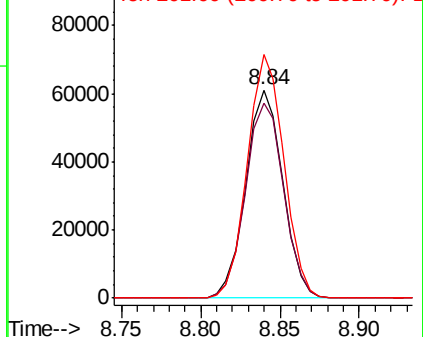
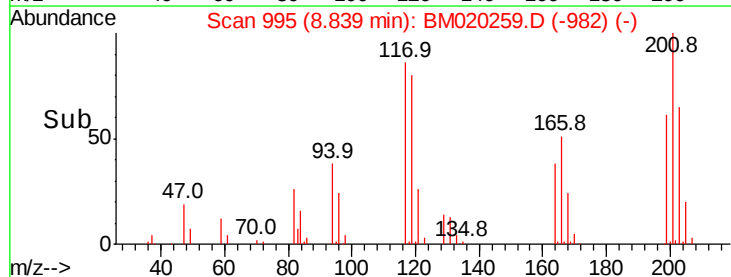


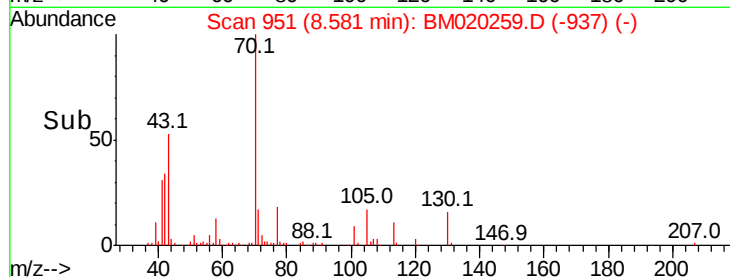
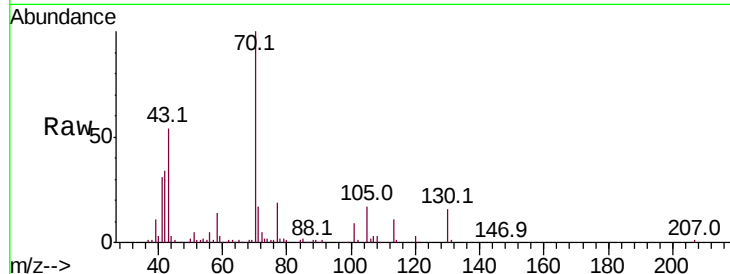
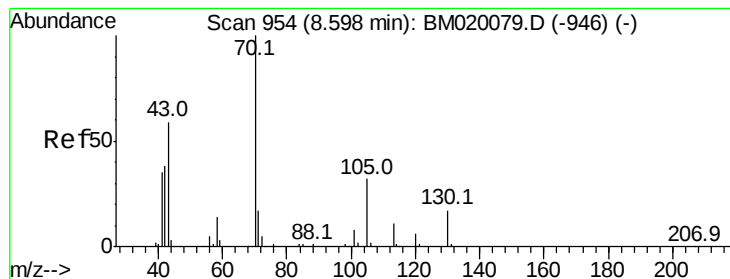
#18
Hexachloroethane
Concen: 31.468 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:117 Resp: 99411
Ion Ratio Lower Upper
117 100
119 93.7 76.6 114.8
201 116.9 90.7 136.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 35.365 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

Tot Ion: 70 Resp: 244713

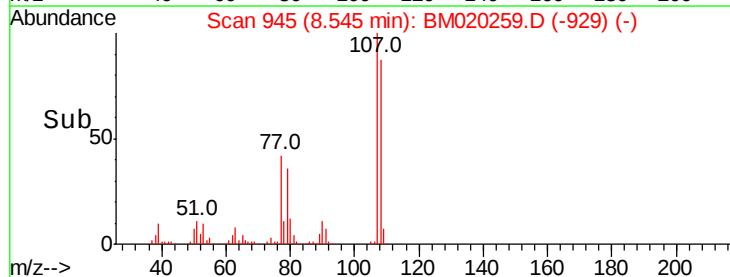
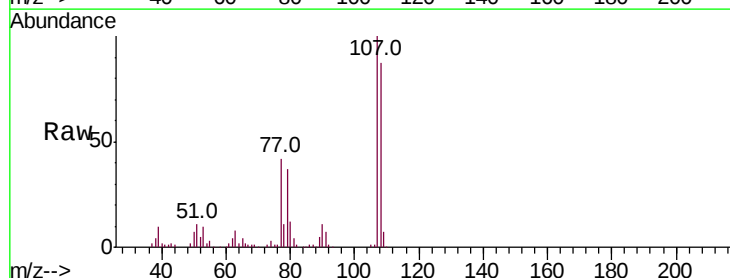
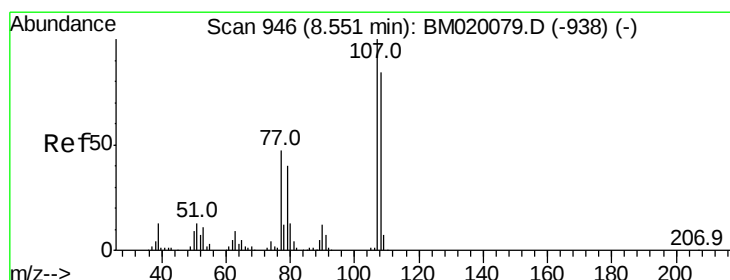
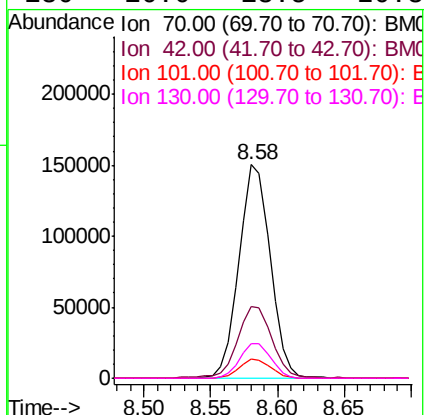
Ion Ratio Lower Upper

70 100

42 33.7 31.0 46.4

101 8.7 6.2 9.2

130 16.0 13.5 20.3



#20

3+4-Methylphenols

Concen: 41.091 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Tgt Ion:107 Resp: 306090

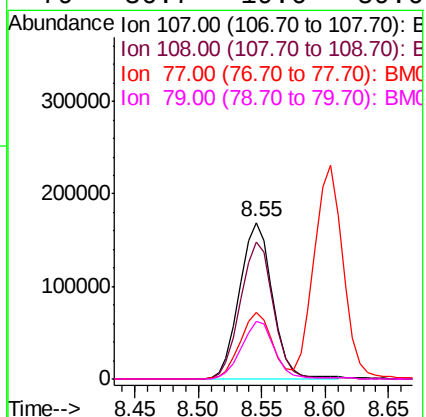
Ion Ratio Lower Upper

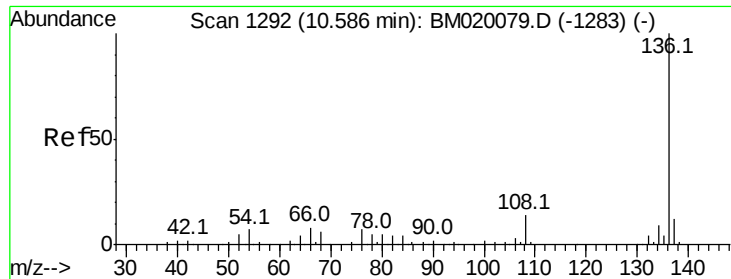
107 100

108 87.3 64.4 104.4

77 42.3 27.2 67.2

79 36.7 19.6 59.6

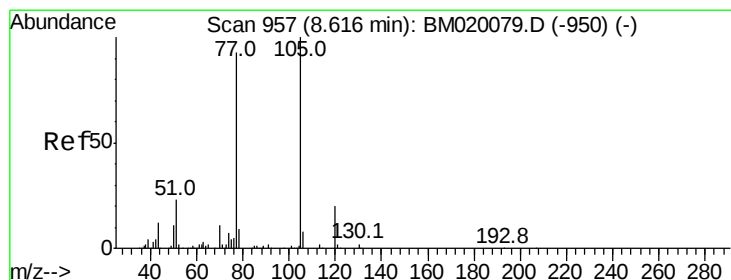
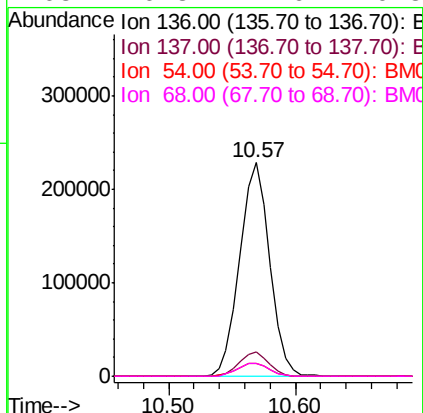
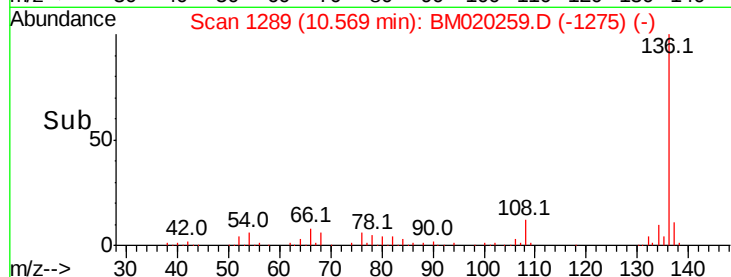
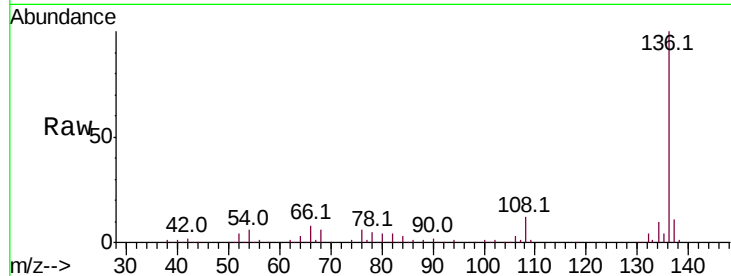




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

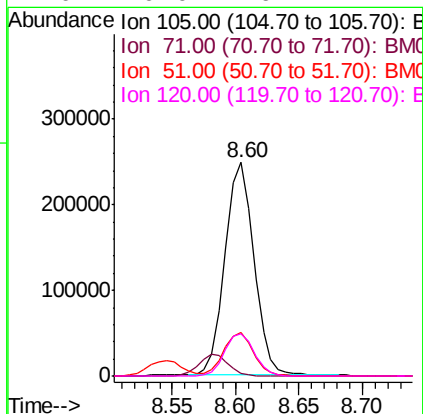
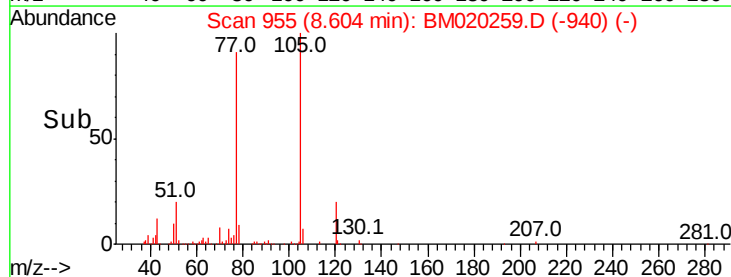
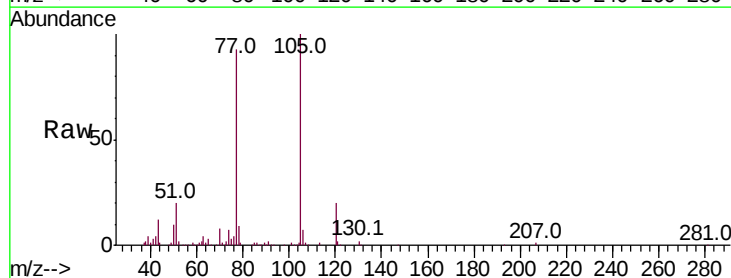
Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

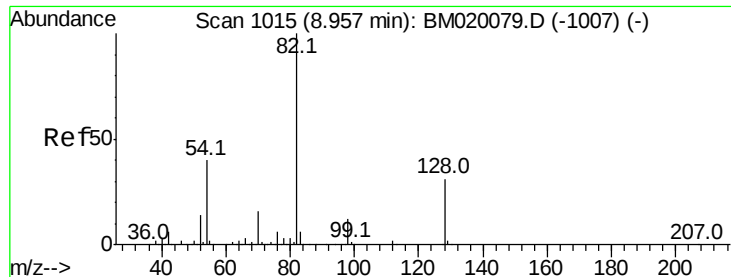
Tot Ion:136	Resp:	375145
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.6 14.4
54	6.1	5.5 8.3
68	6.3	4.6 6.8



#22
Acetophenone
Concen: 38.650 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:105	Resp:	396269
Ion	Ratio	Lower Upper
105	100	
71	1.4	2.2 3.2#
51	20.2	19.3 28.9
120	20.0	16.2 24.4

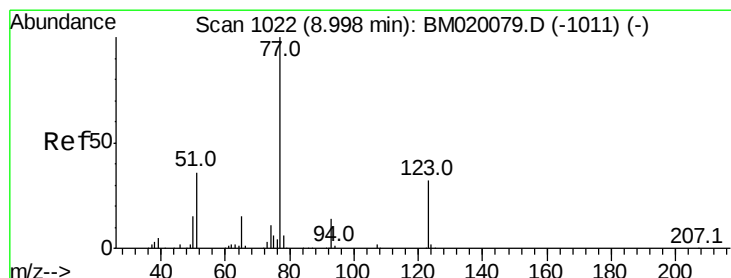
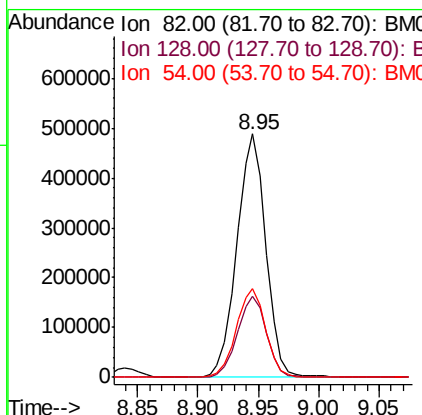
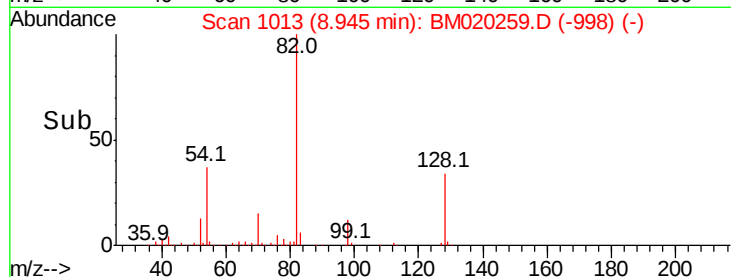
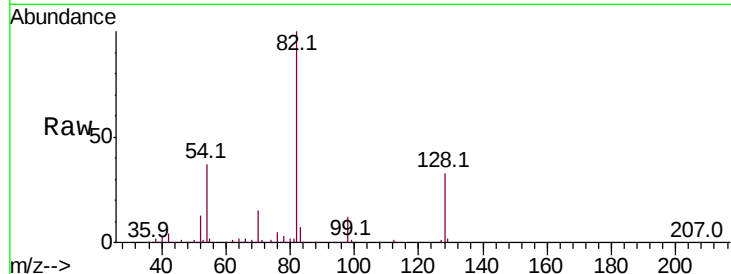




#23
Nitrobenzene-d5
Concen: 85.937 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

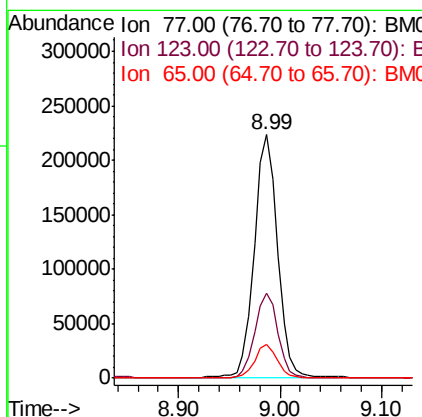
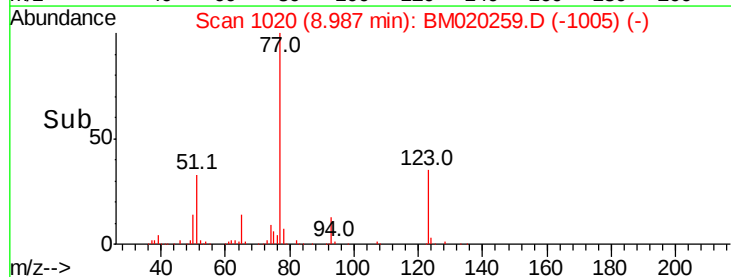
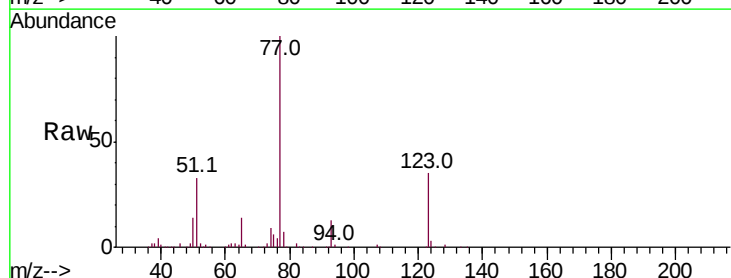
Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

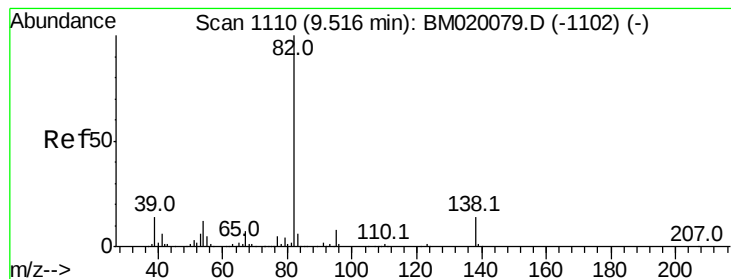
Tot Ion: 82 Resp: 816581
Ion Ratio Lower Upper
82 100
128 33.4 25.2 37.8
54 36.6 31.9 47.9



#24
Nitrobenzene
Concen: 36.319 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion: 77 Resp: 357820
Ion Ratio Lower Upper
77 100
123 35.1 25.5 38.3
65 13.9 11.8 17.6





#25

Isophorone

Concen: 38.178 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

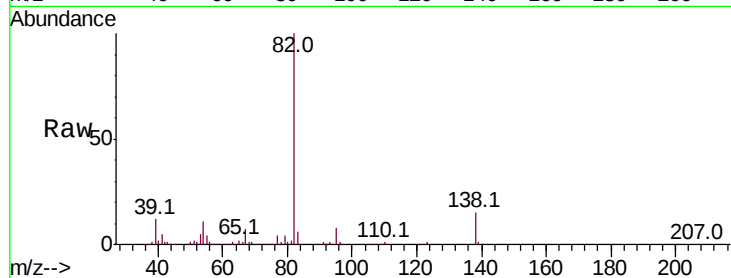
Tot Ion: 82 Resp: 625602

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

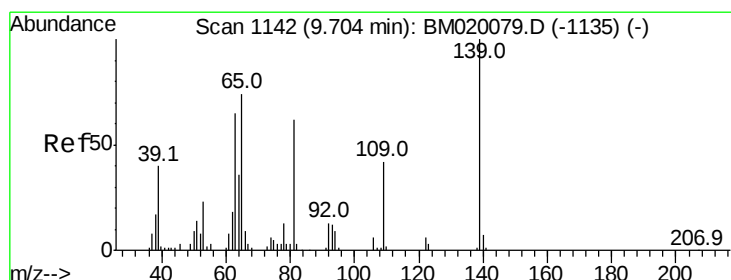
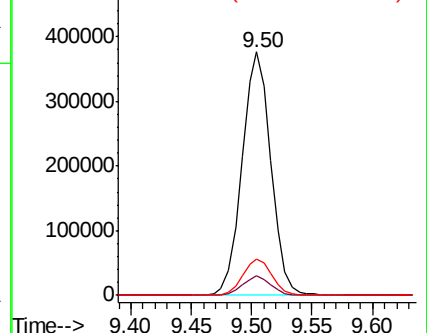
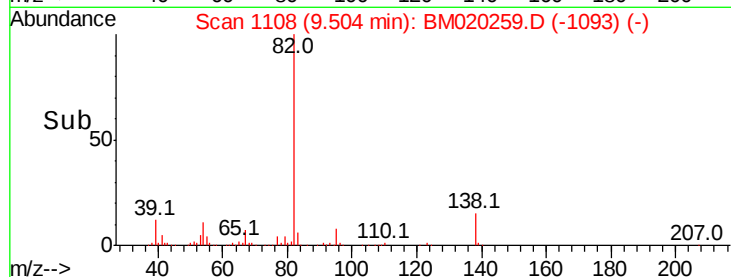
138 14.7 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020259.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020259.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020259.D (-1102) (-)



#26

2-Nitrophenol

Concen: 45.779 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

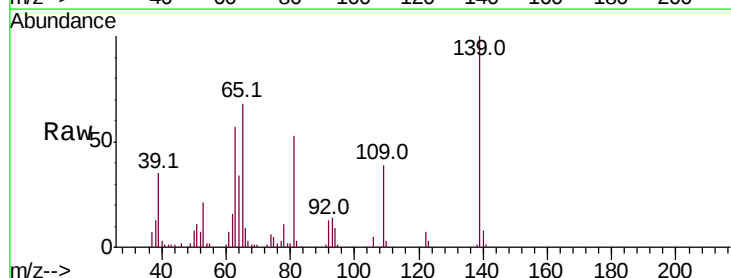
Tgt Ion: 139 Resp: 136163

Ion Ratio Lower Upper

139 100

109 38.6 33.7 50.5

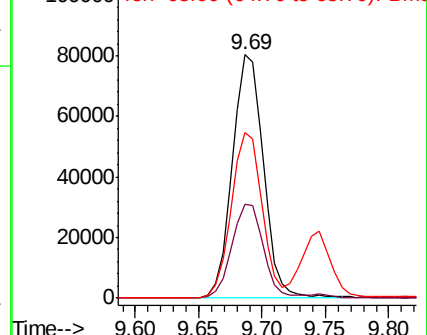
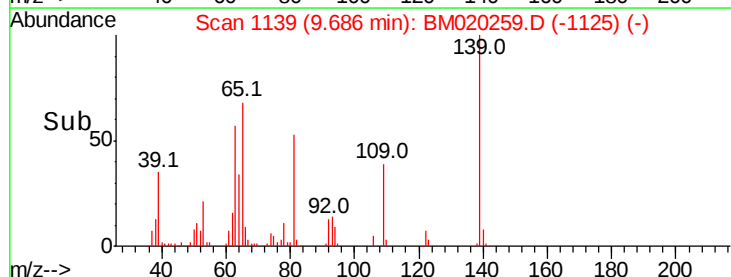
65 68.2 59.5 89.3

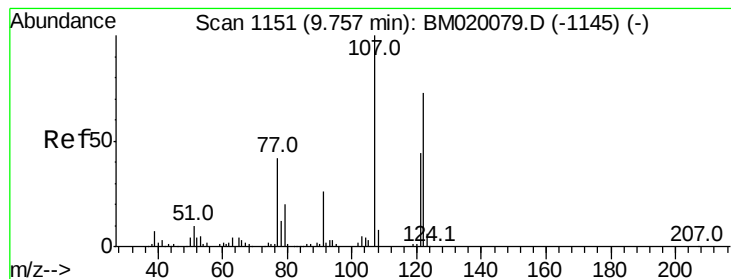


Abundance Ion 139.00 (138.70 to 139.70): BM020259.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020259.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020259.D (-1135) (-)





#27

2,4-Dimethylphenol

Concen: 46.244 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

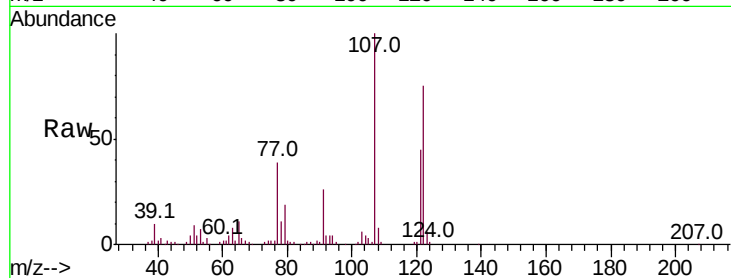
Tot Ion:122 Resp: 228993

Ion Ratio Lower Upper

122 100

107 133.0 108.6 162.8

121 59.3 47.4 71.2

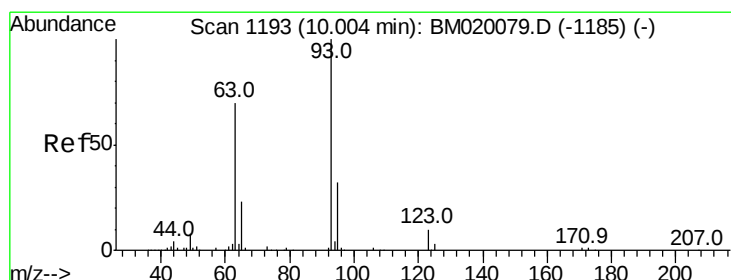
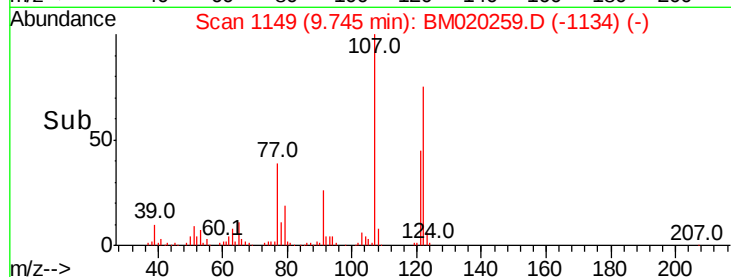
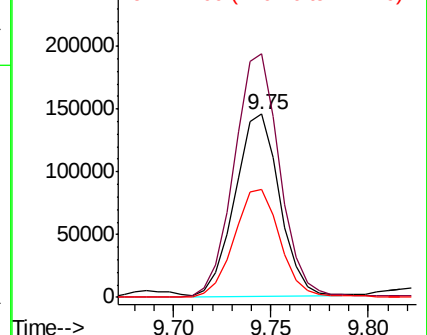


Abundance

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: 38.311 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

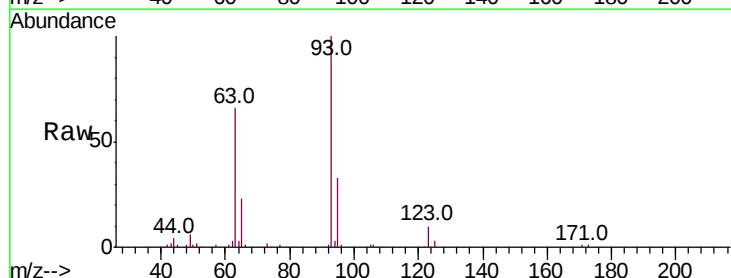
Tgt Ion: 93 Resp: 341908

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

123 10.1 7.6 11.4

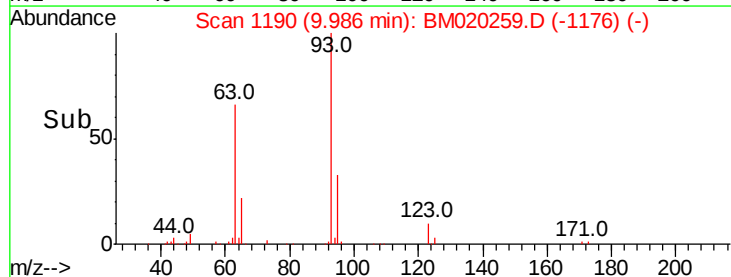
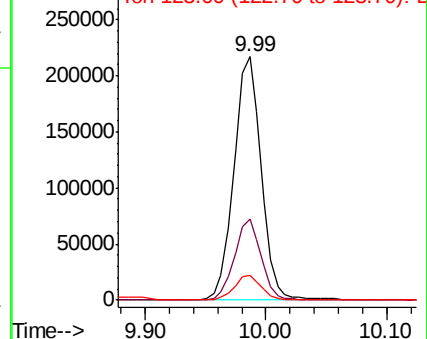


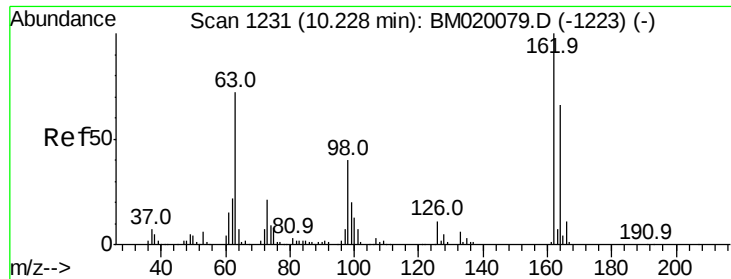
Abundance

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

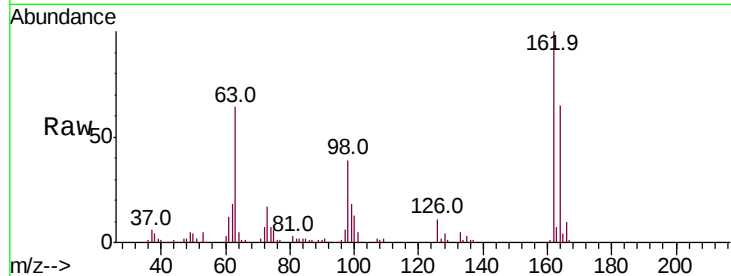




#29
2,4-Dichlorophenol
Concen: 42.533 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.6	85.6
98	38.8	20.4	60.4

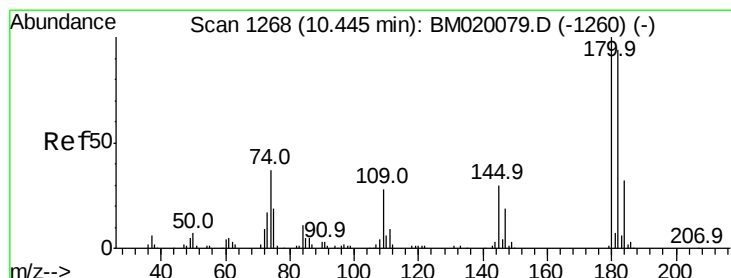
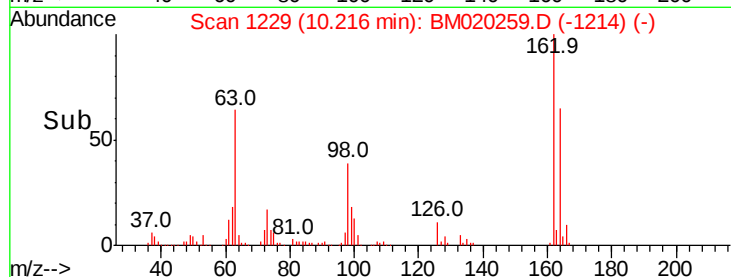
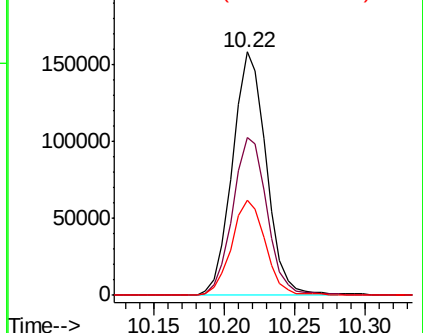


Abundance

Ion 162.00 (161.70 to 162.70): E

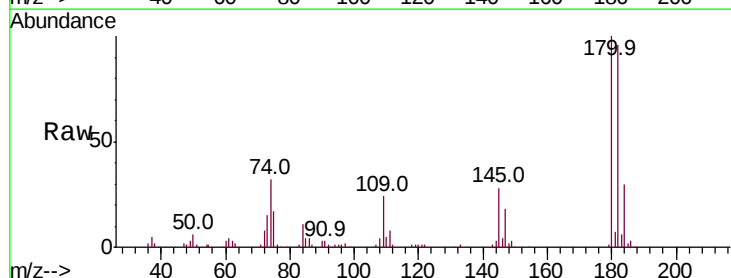
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 38.993 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	28.4	23.8	35.8

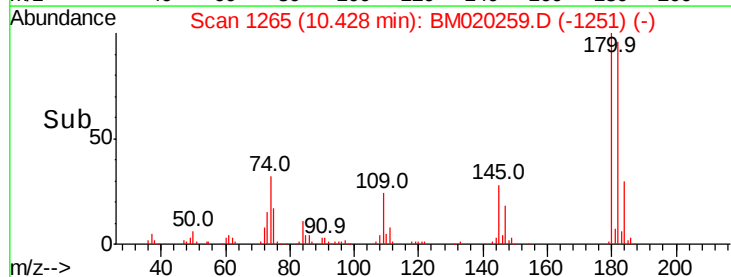
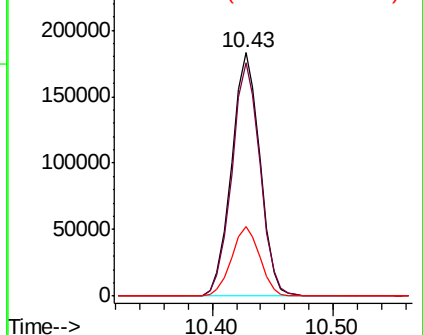


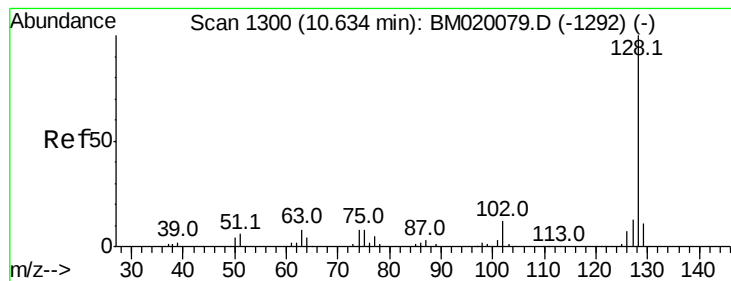
Abundance

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: 39.254 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

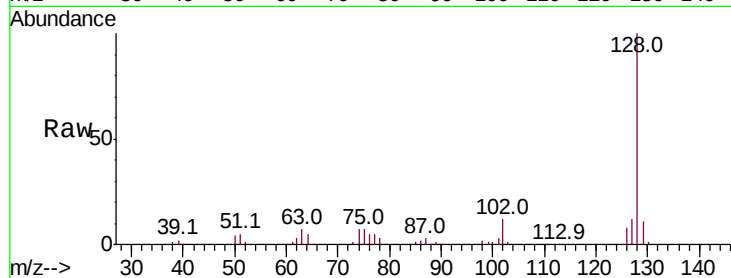
Tot Ion:128 Resp: 764180

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

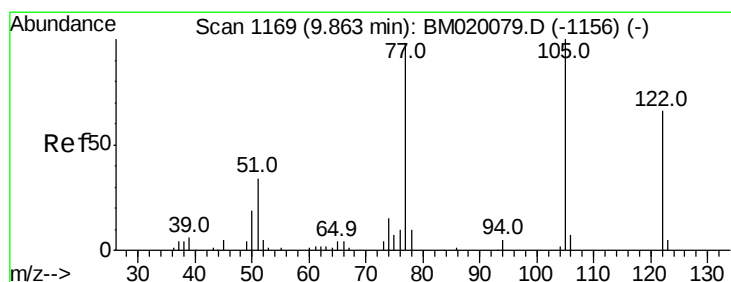
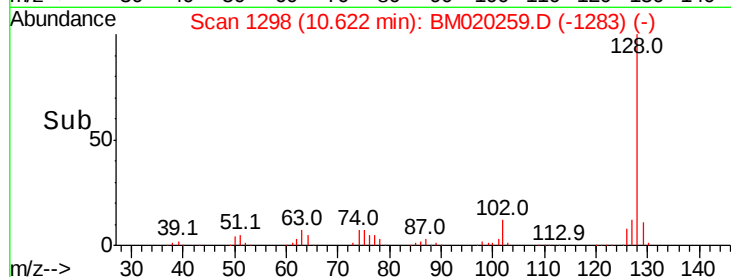
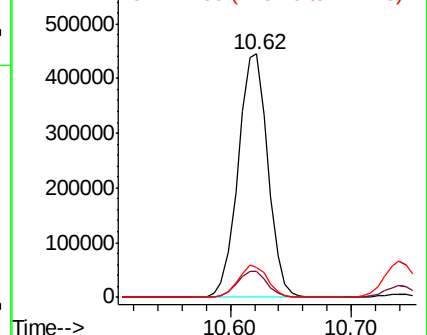
127 12.5 10.4 15.6



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: 35.031 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

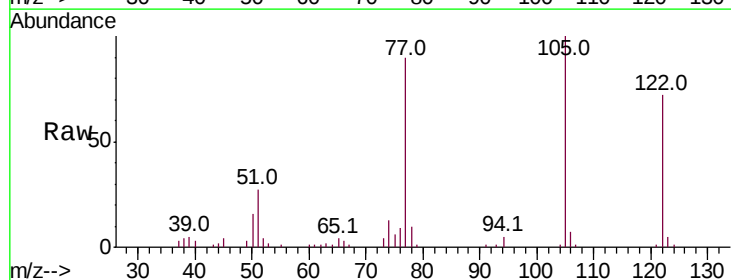
Tgt Ion:122 Resp: 116127

Ion Ratio Lower Upper

122 100

105 139.2 122.5 162.5

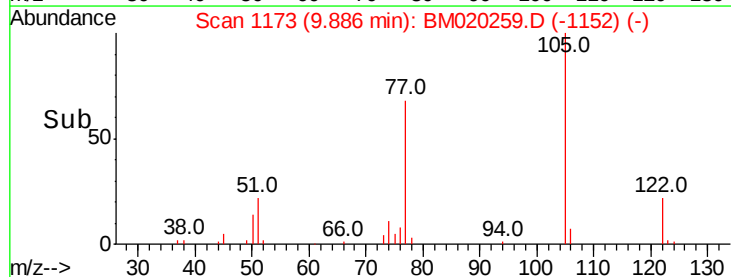
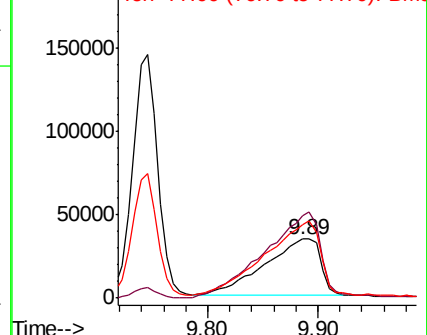
77 125.2 123.3 163.3

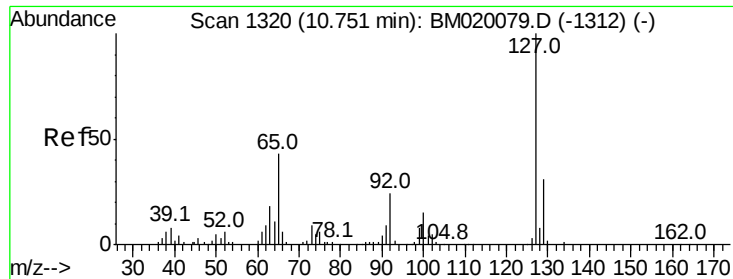


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

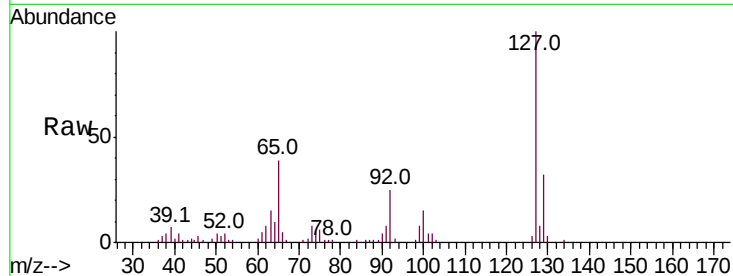




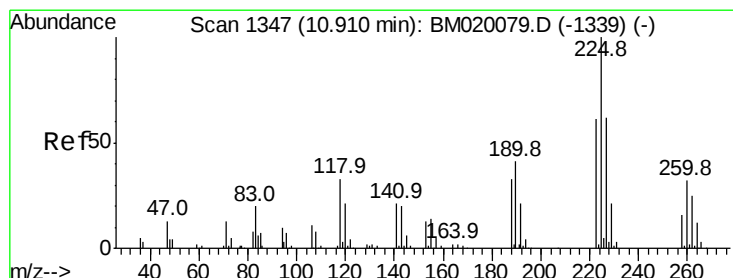
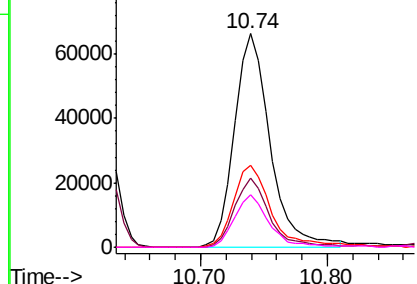
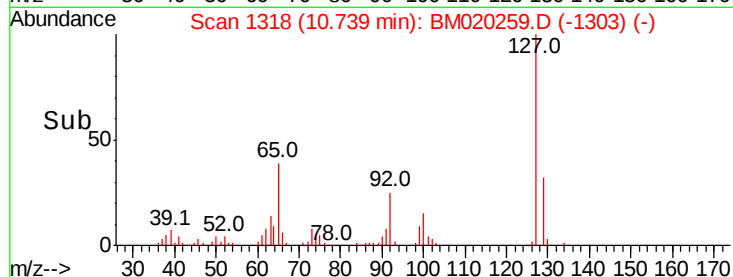
#33
4-Chloroaniline
Concen: 16.151 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

Tot Ion:	127	Resp:	129413
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.7	37.1
65	38.7	34.6	52.0
92	24.8	19.5	29.3

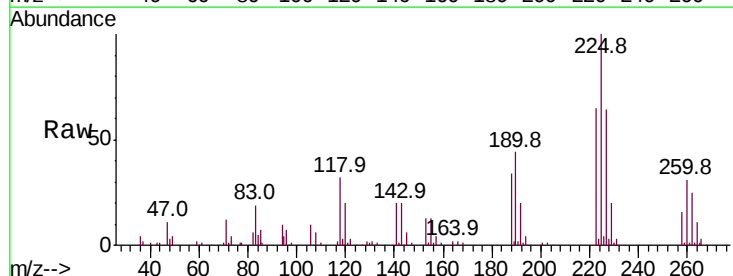


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

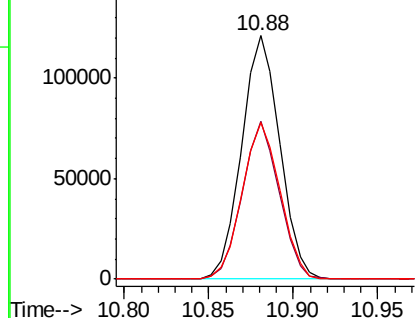
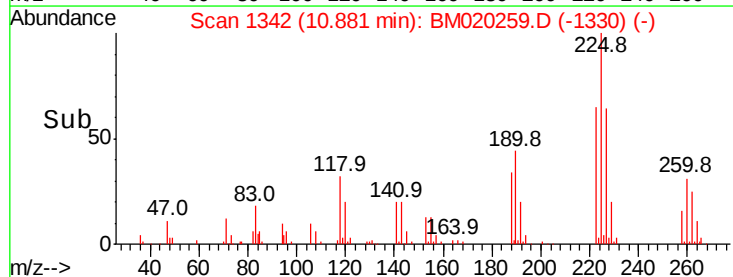


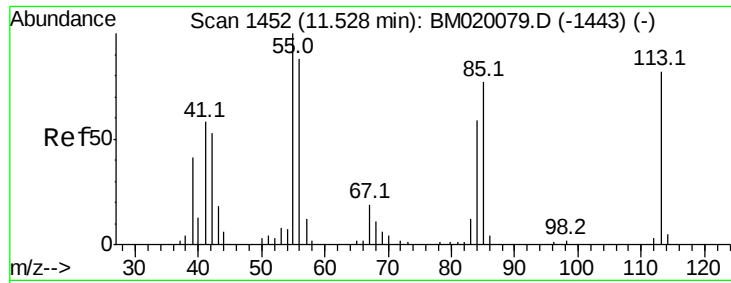
#34
Hexachlorobutadiene
Concen: 35.042 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:	225	Resp:	190457
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.9	73.3
227	64.4	49.6	74.4



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





#35

Caprolactam

Concen: 23.258 ng

RT: 11.55 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

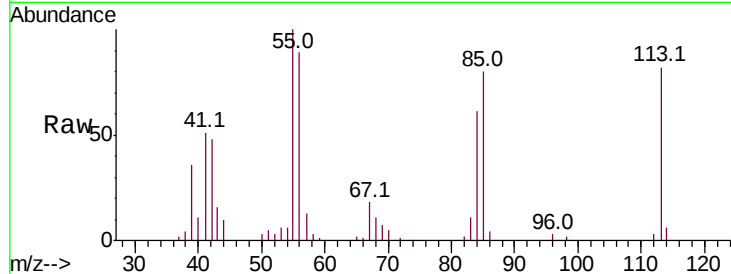
Tot Ion:113 Resp: 43424

Ion Ratio Lower Upper

113 100

55 122.6 102.5 142.5

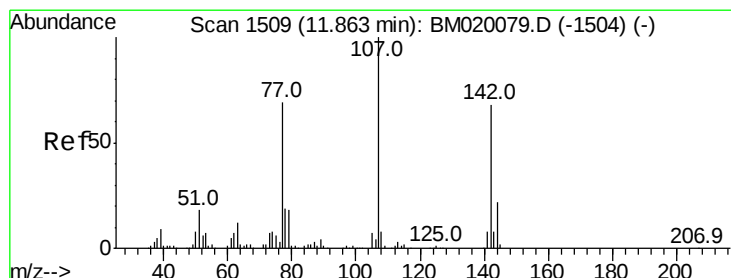
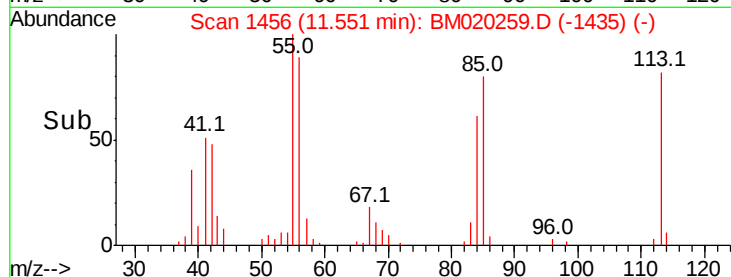
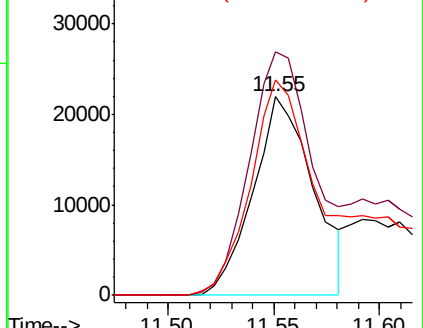
56 108.8 87.7 127.7



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: 40.456 ng

RT: 11.86 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

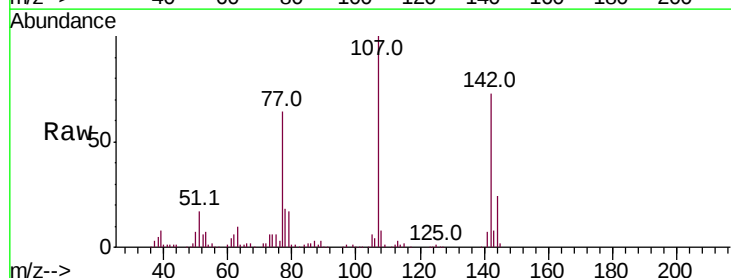
Tgt Ion:107 Resp: 296856

Ion Ratio Lower Upper

107 100

144 23.9 17.6 26.4

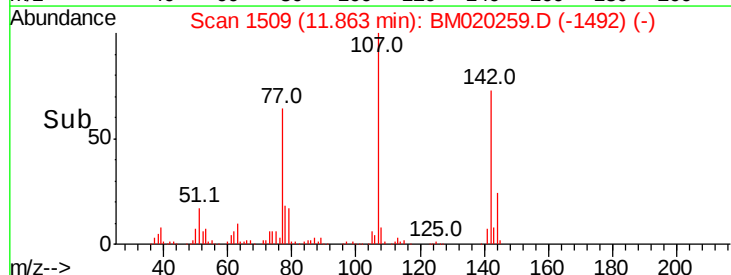
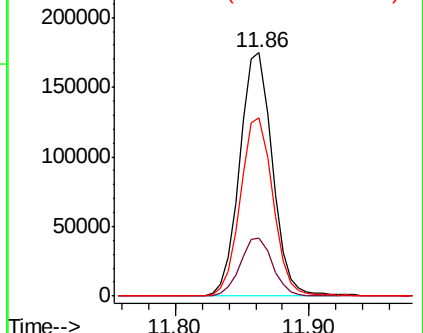
142 73.0 54.6 82.0

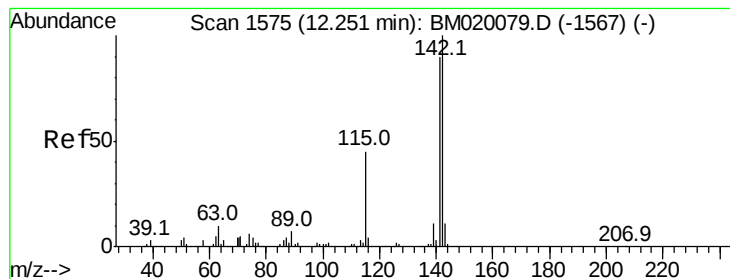


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.077 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

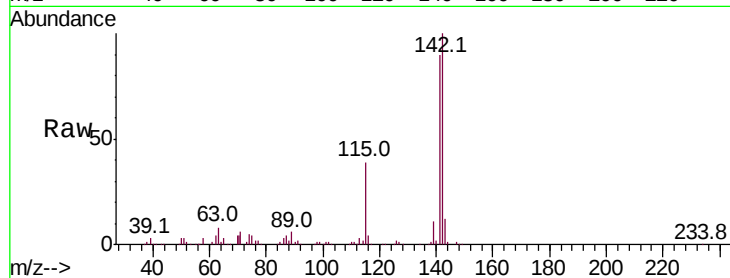
Tot Ion:142 Resp: 582994

Ion Ratio Lower Upper

142 100

141 89.9 71.6 107.4

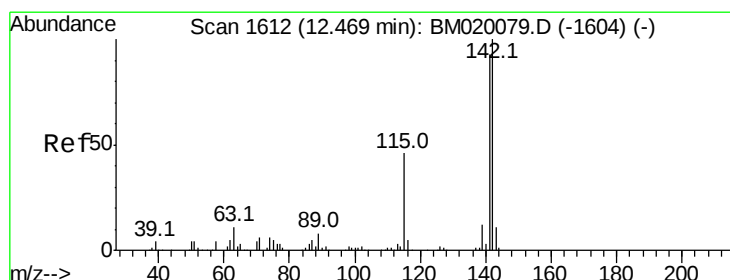
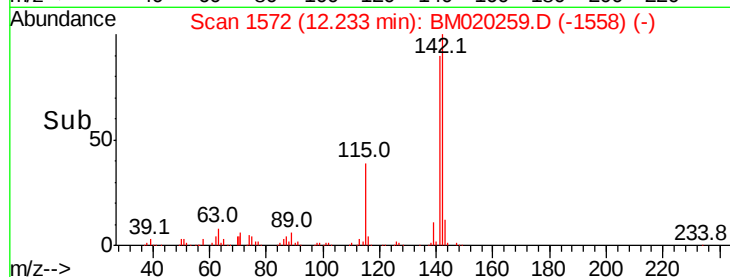
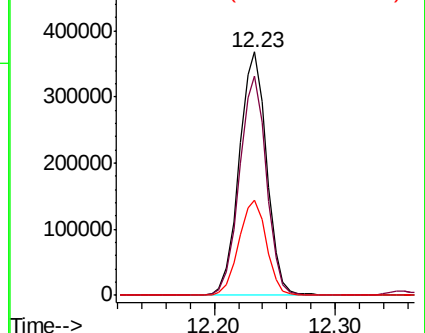
115 39.1 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.604 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

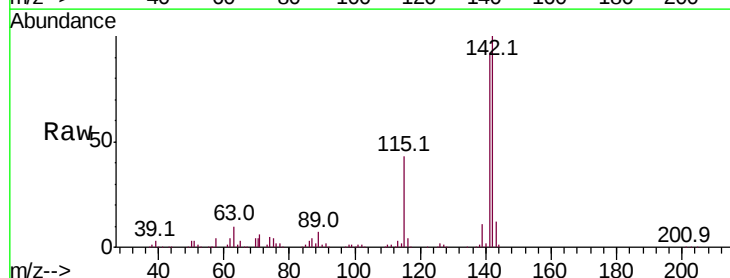
Tgt Ion:142 Resp: 563513

Ion Ratio Lower Upper

142 100

141 92.4 74.8 112.2

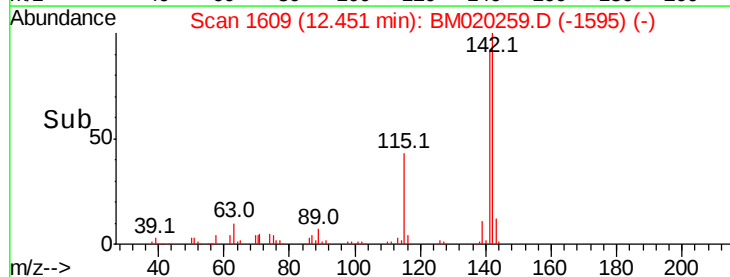
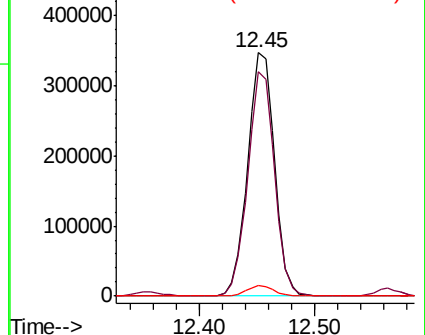
116 4.3 3.9 5.9

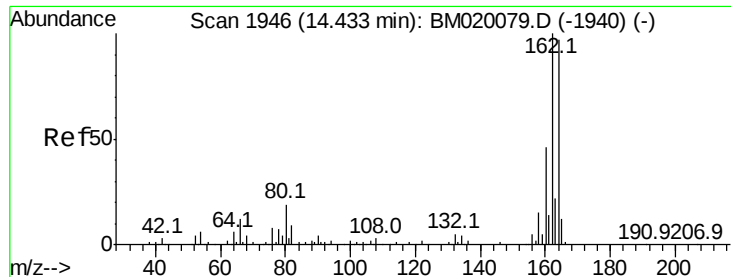


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

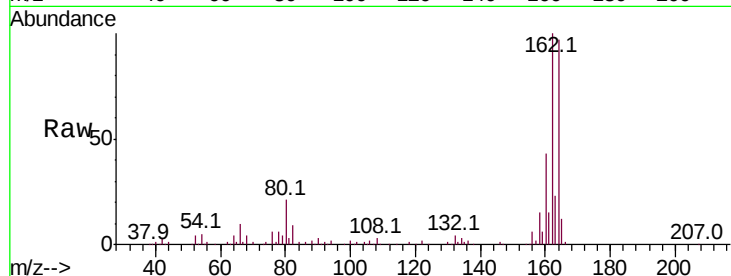
Tot Ion:164 Resp: 242300

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.2

160 44.2 37.6 56.4

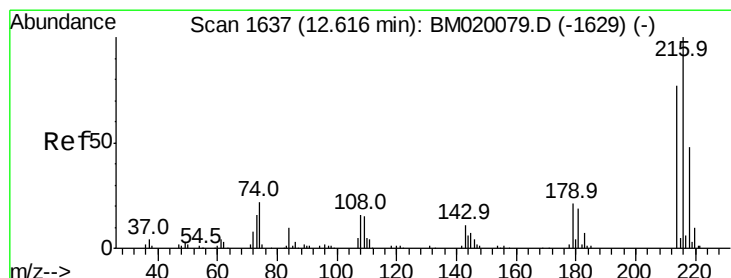
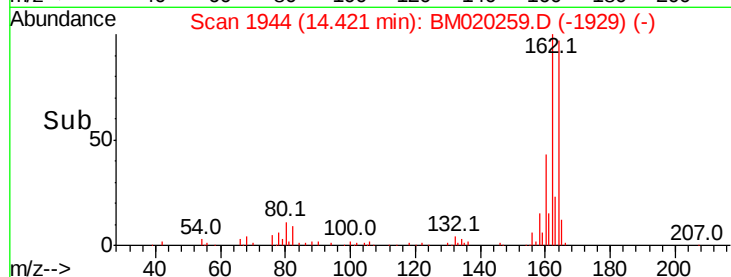
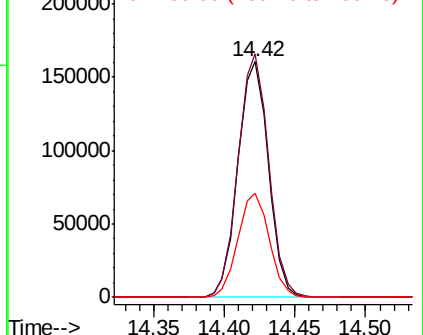


Abundance

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: 38.210 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Tgt Ion:216 Resp: 362223

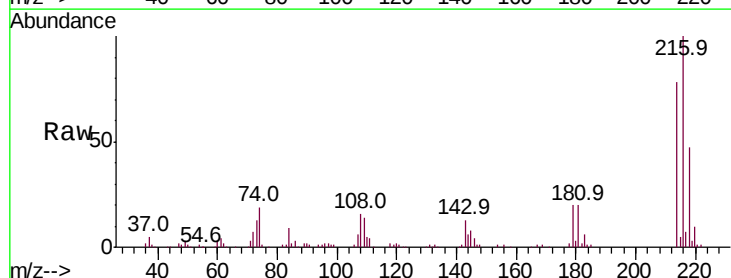
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 20.2 17.1 25.7

108 16.8 15.8 23.6



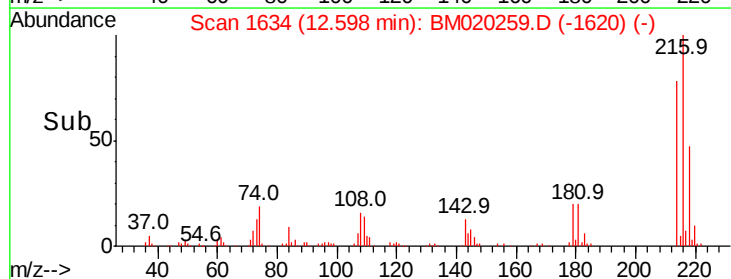
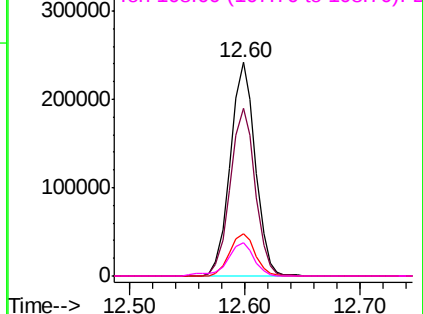
Abundance

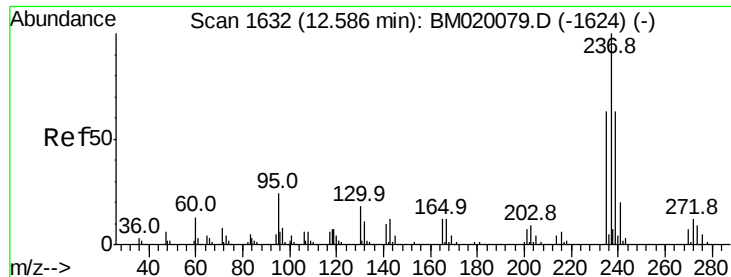
Ion 216.00 (215.70 to 216.70): E

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: 24.800 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

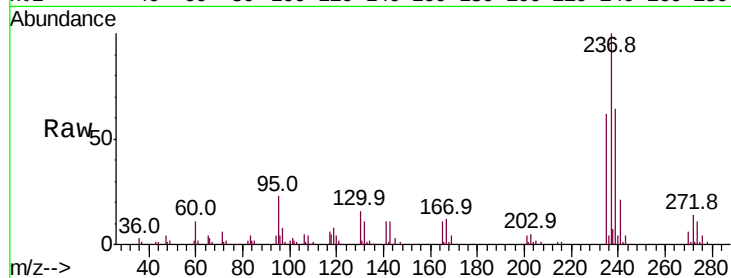
Tot Ion:237 Resp: 138425

Ion Ratio Lower Upper

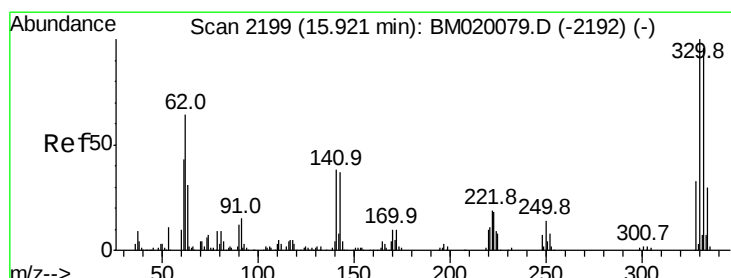
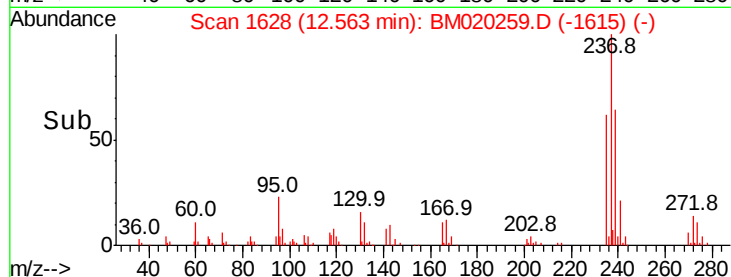
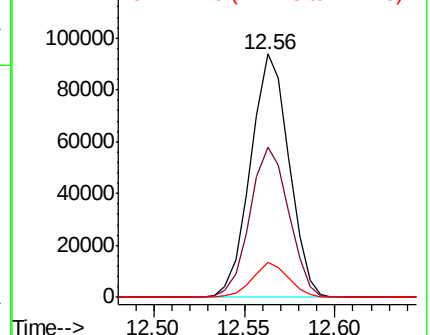
237 100

235 61.7 43.4 83.4

272 14.2 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: 153.470 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

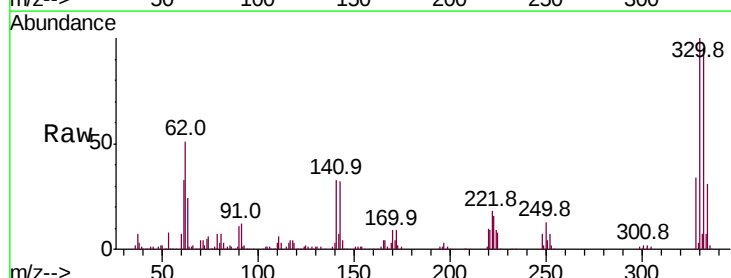
Tgt Ion:330 Resp: 577194

Ion Ratio Lower Upper

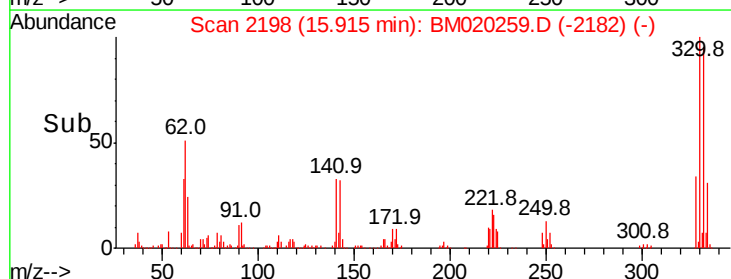
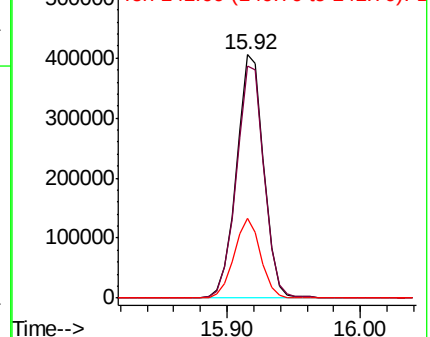
330 100

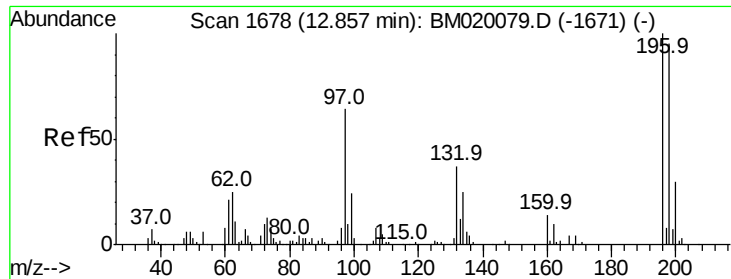
332 96.7 76.8 115.2

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

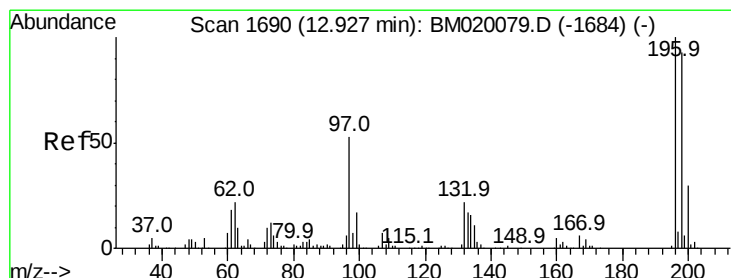
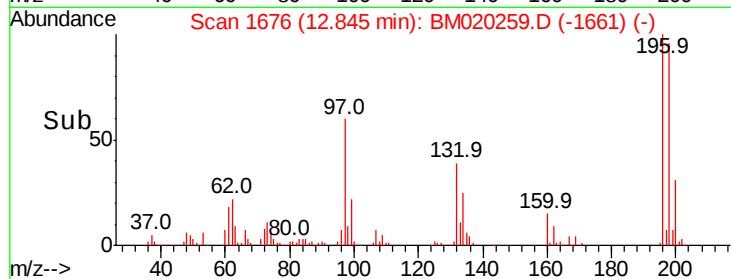
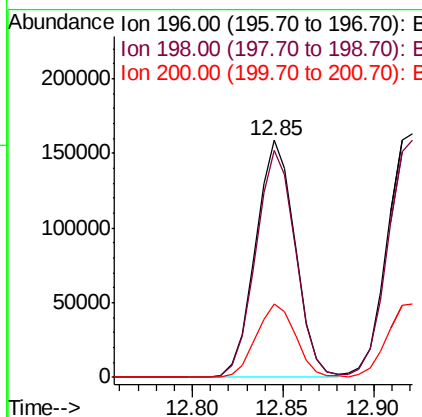
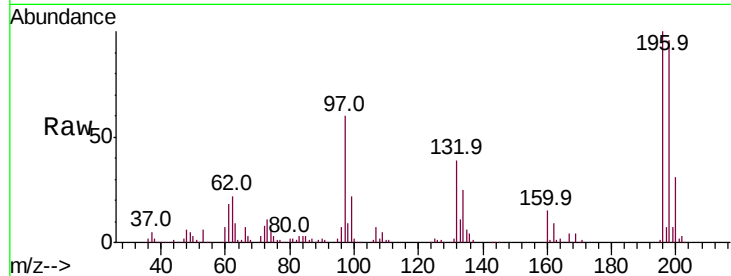




#43
 2,4,6-Trichlorophenol
 Concen: 44.750 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

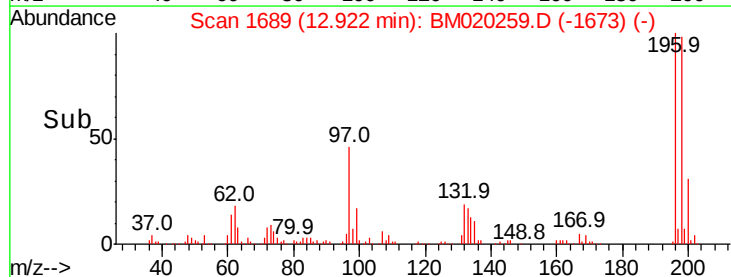
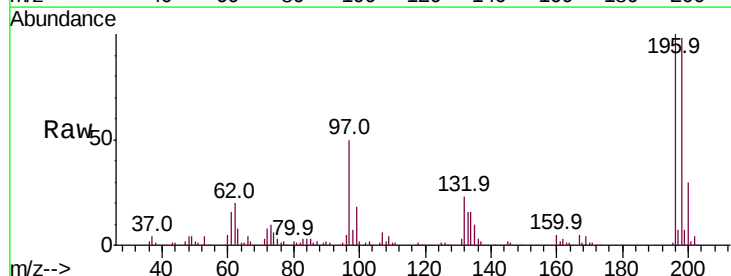
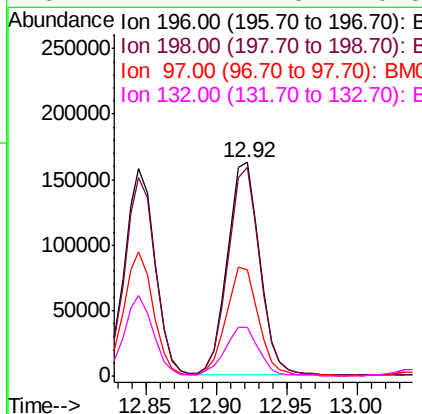
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

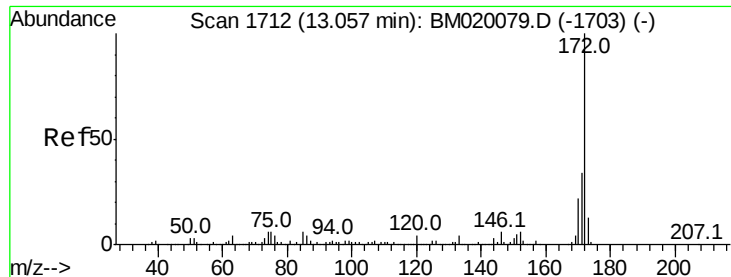
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.2	114.2
200	30.9	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.223 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.7	112.1
97	49.8	42.2	63.4
132	22.7	17.8	26.8



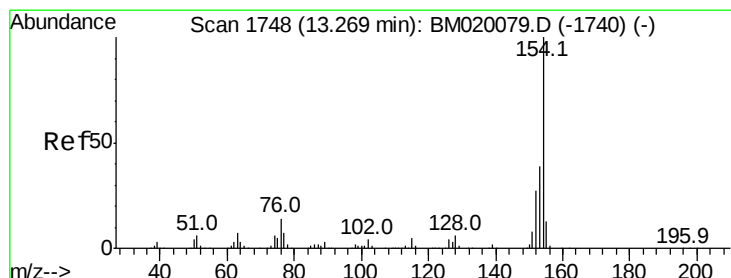
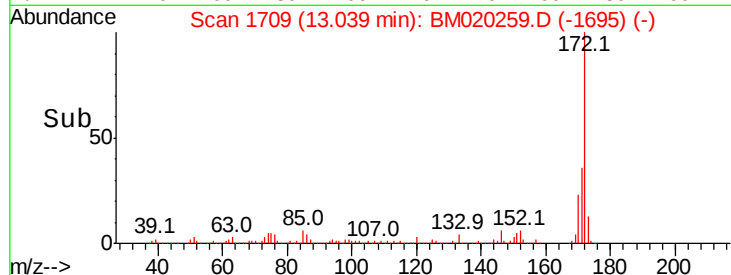
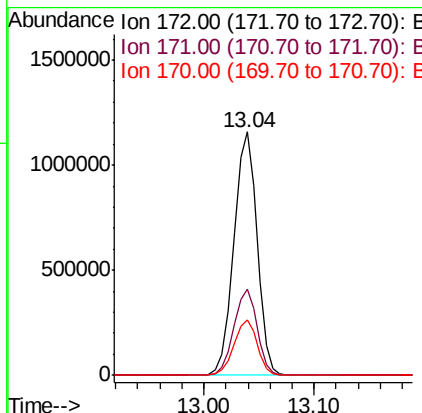
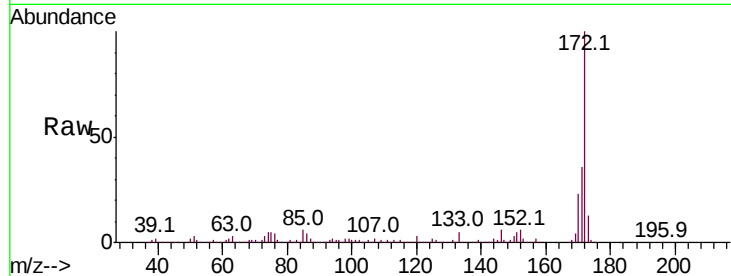


#45
2-Fluorobiphenyl
Concen: 87.001 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

Tot Ion:172 Resp: 1713337

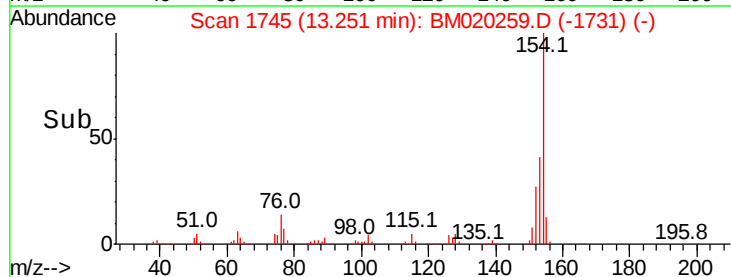
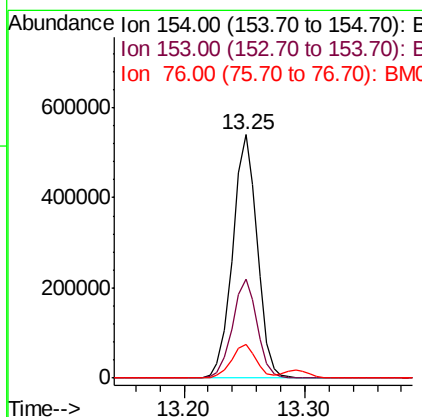
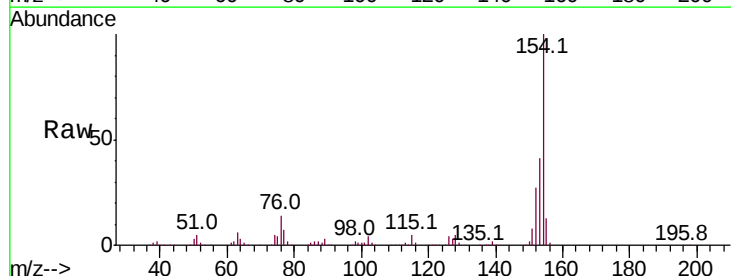
Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.3	40.9
170	23.0	17.9	26.9

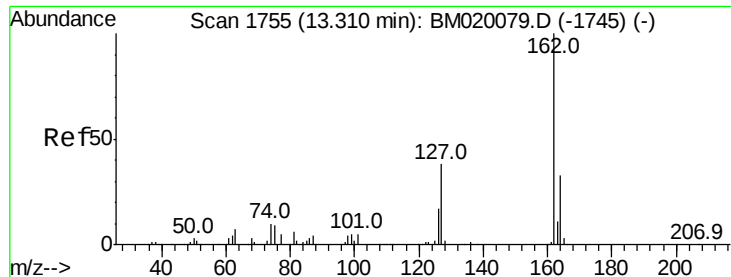


#46
1,1'-Biphenyl
Concen: 38.495 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:154 Resp: 767731

Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.4	59.4
76	14.0	0.0	34.5

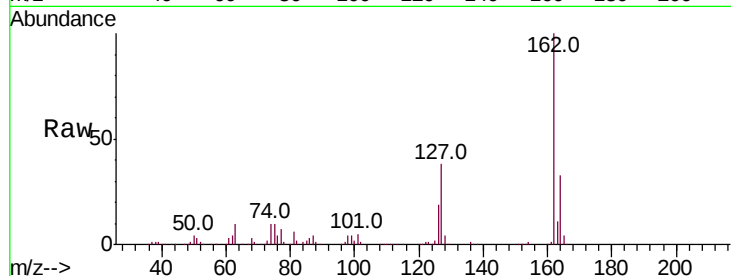




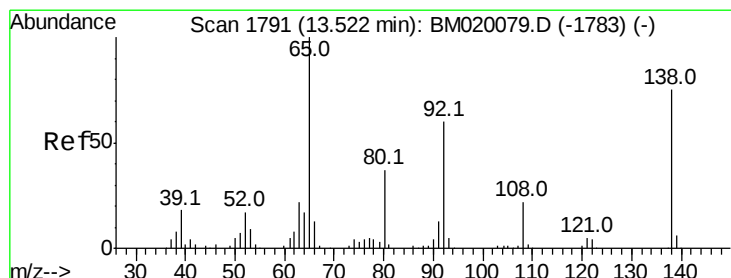
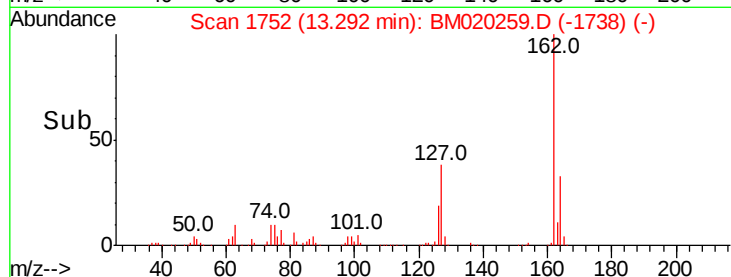
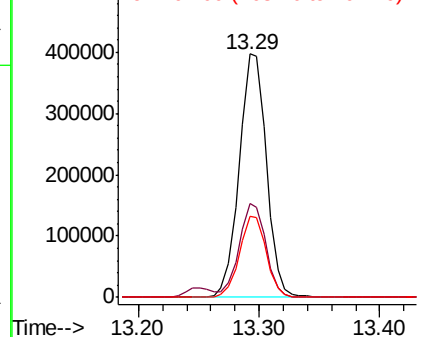
#47
 2-Chloronaphthalene
 Concen: 39.329 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.0	46.4
164	33.3	26.2	39.2

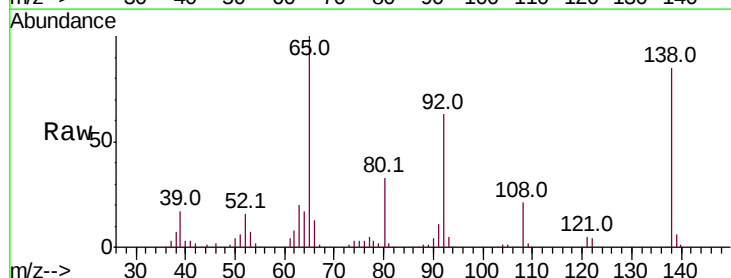


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

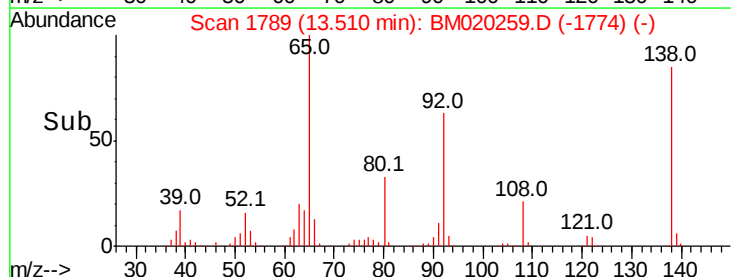
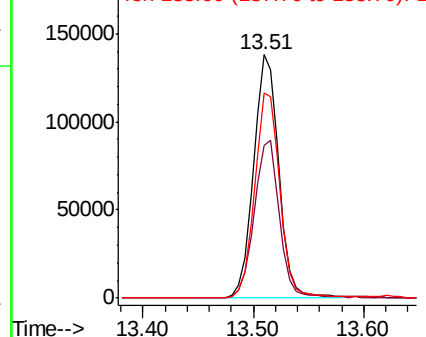


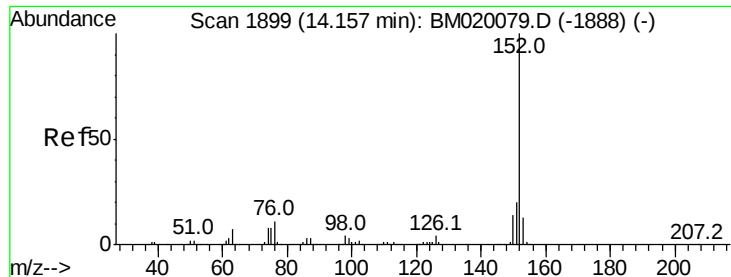
#48
 2-Nitroaniline
 Concen: 39.121 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	48.2	72.4
138	84.5	60.3	90.5



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





#49

Acenaphthylene

Concen: 38.292 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

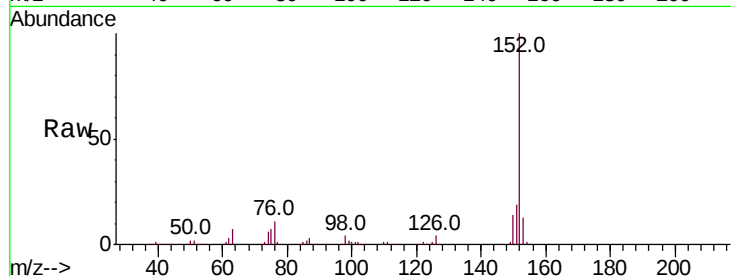
Tot Ion:152 Resp: 975832

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

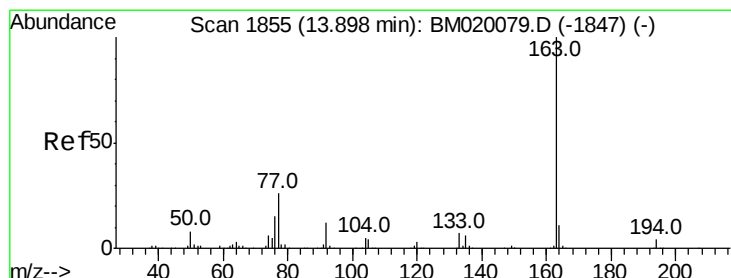
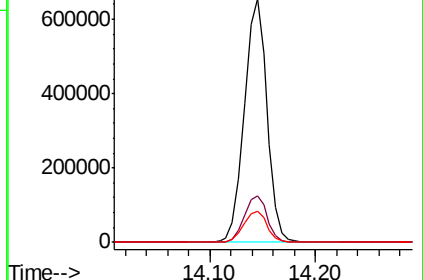
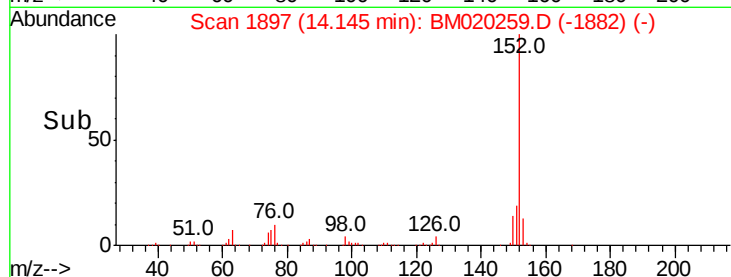
153 12.9 10.6 16.0



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: 49.270 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

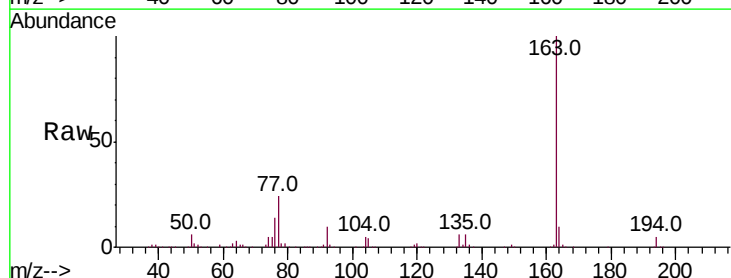
Tgt Ion:163 Resp: 1014637

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

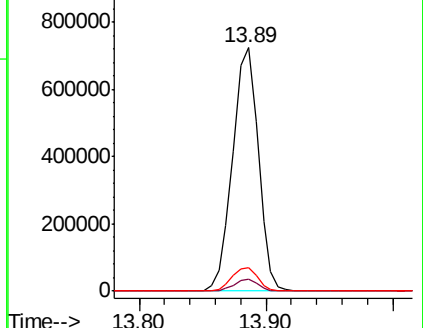
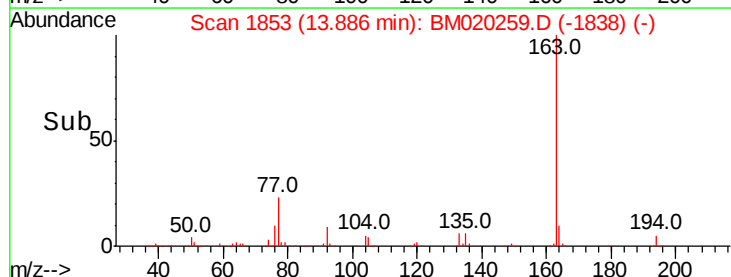
164 9.6 8.4 12.6

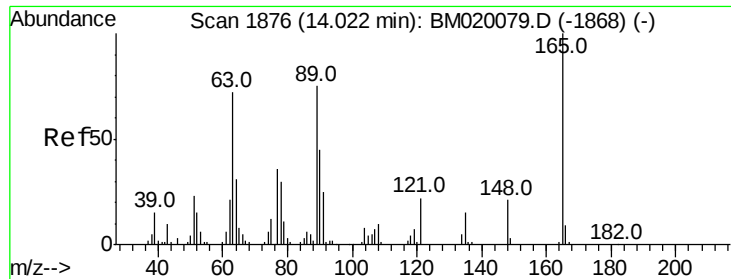


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

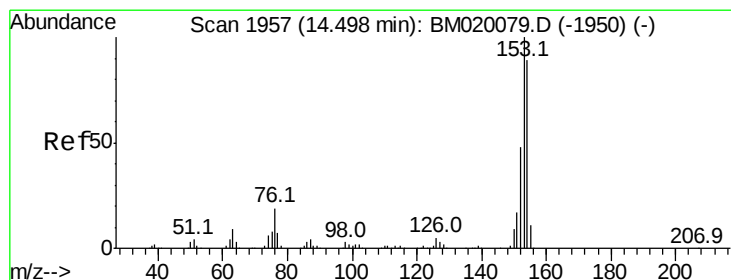
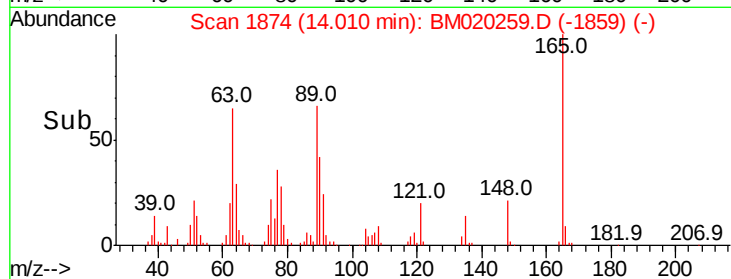
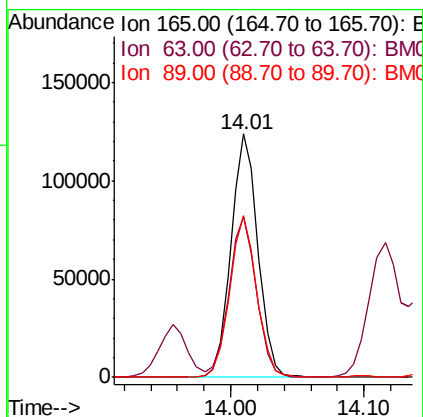
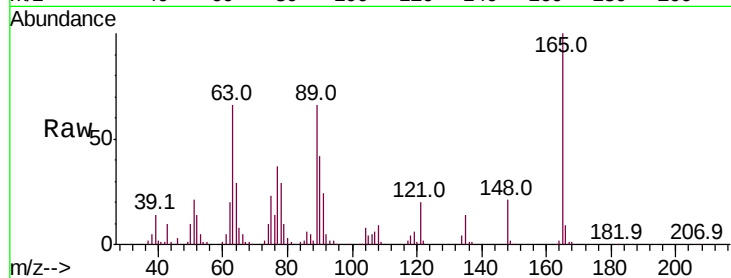




#51
2,6-Dinitrotoluene
Concen: 39.961 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

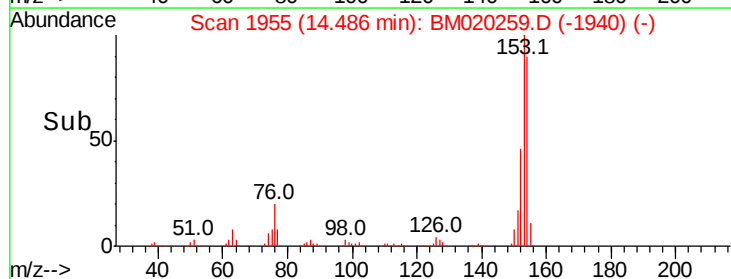
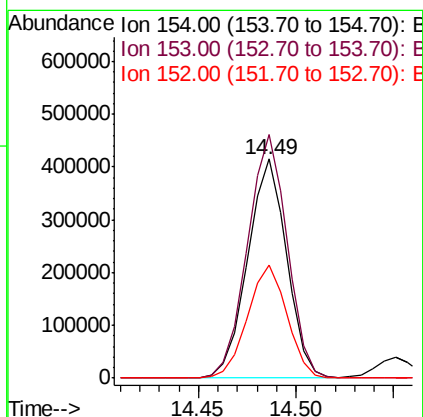
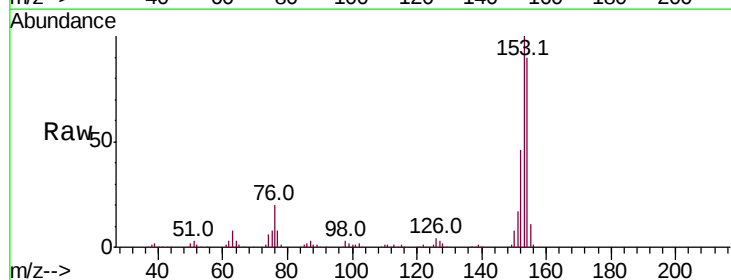
Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

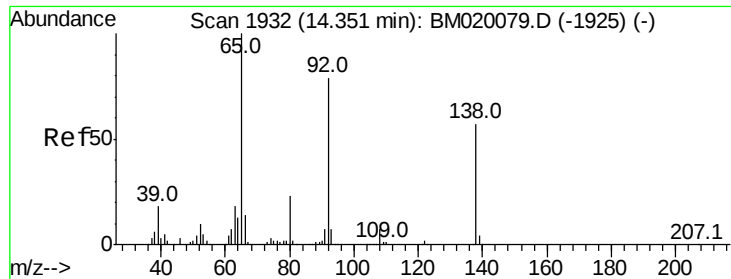
Tot Ion:165 Resp: 173328
Ion Ratio Lower Upper
165 100
63 65.8 60.3 90.5
89 66.4 59.8 89.6



#52
Acenaphthene
Concen: 39.445 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:154 Resp: 576442
Ion Ratio Lower Upper
154 100
153 111.3 90.2 135.2
152 51.7 43.0 64.4

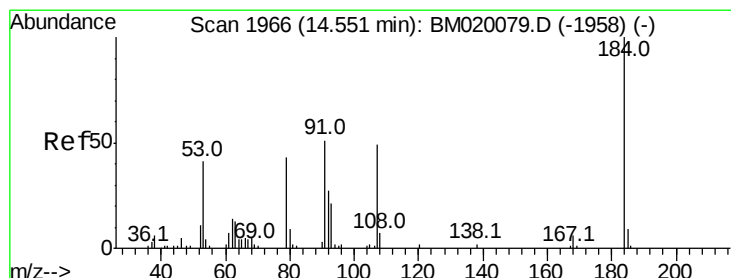
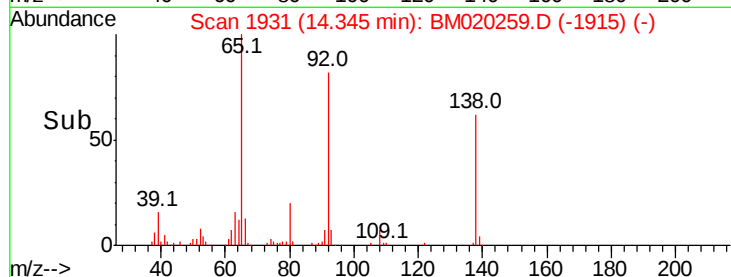
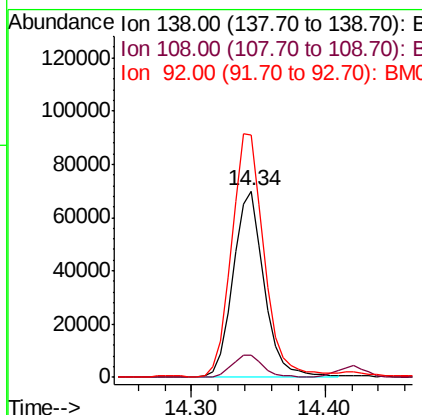
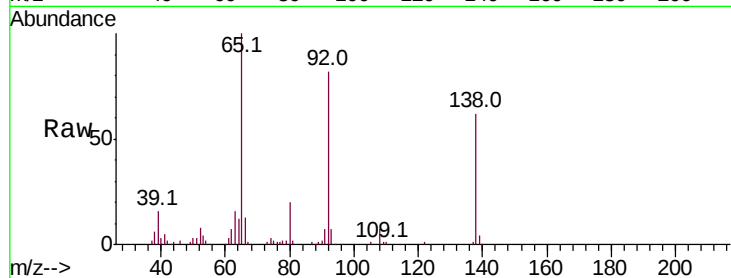




#53
3-Nitroaniline
Concen: 28.137 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

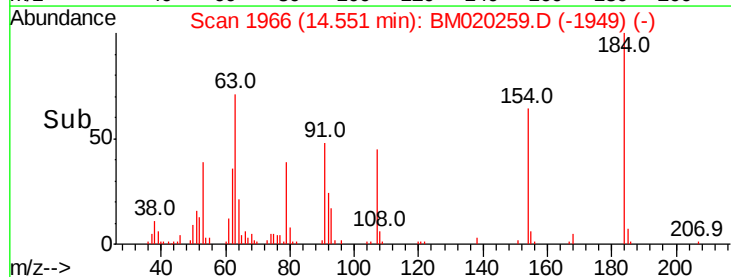
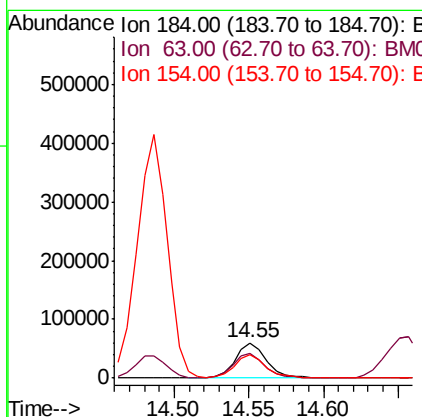
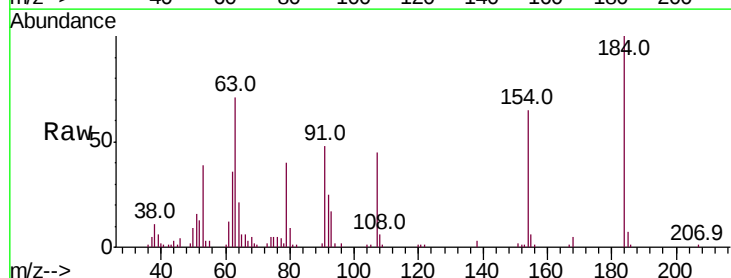
Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

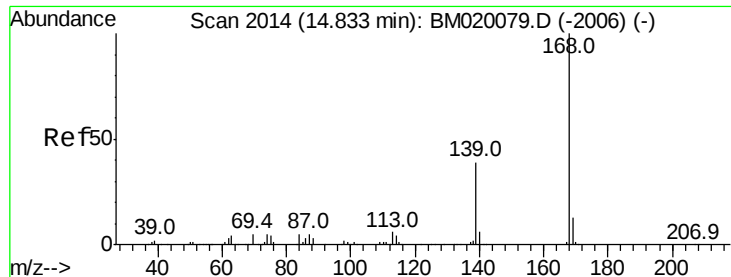
Tot Ion:138 Resp: 113269
Ion Ratio Lower Upper
138 100
108 11.6 10.4 15.6
92 130.5 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 44.152 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:184 Resp: 86702
Ion Ratio Lower Upper
184 100
63 70.9 68.9 103.3
154 65.3 54.4 81.6





#55

Dibenzofuran

Concen: 39.392 ng

RT: 14.82 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

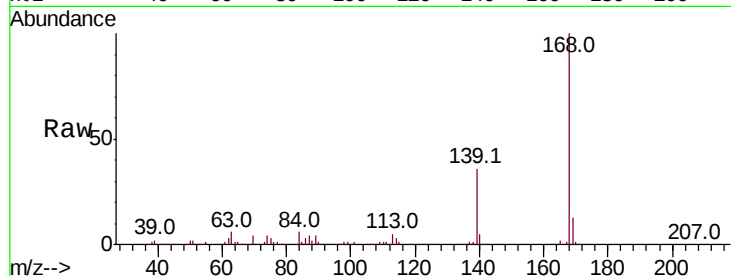
Tot Ion:168 Resp: 971022

Ion Ratio Lower Upper

168 100

139 35.6 31.1 46.7

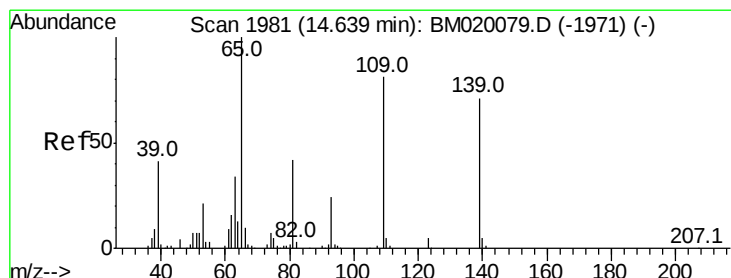
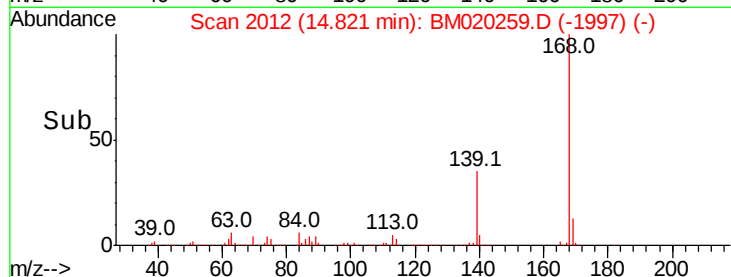
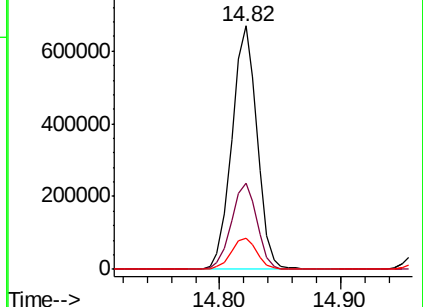
169 12.9 10.6 16.0



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: 85.817 ng

RT: 14.66 min Scan# 1984

Delta R.T. 0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

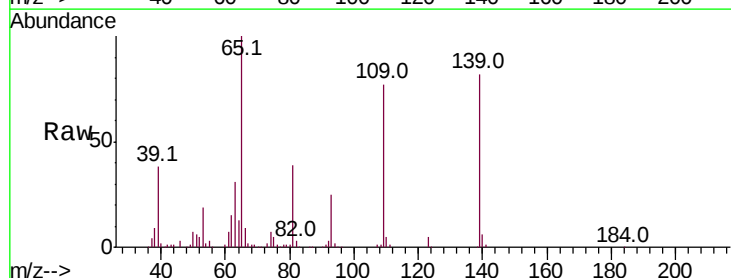
Tgt Ion:139 Resp: 294760

Ion Ratio Lower Upper

139 100

109 93.8 94.1 134.1#

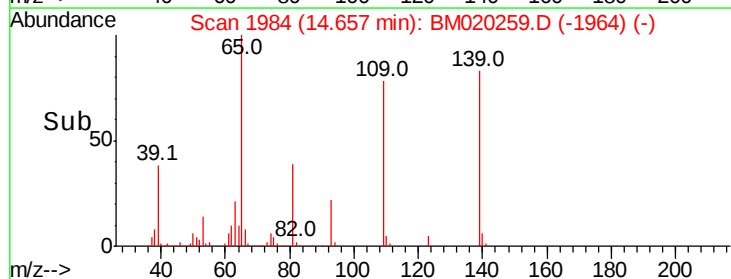
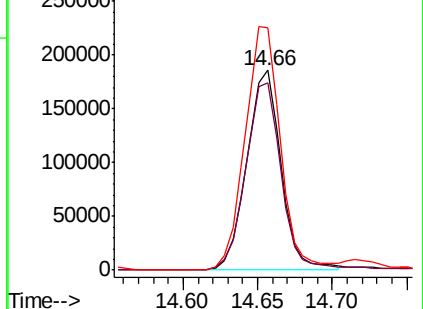
65 121.7 120.9 160.9

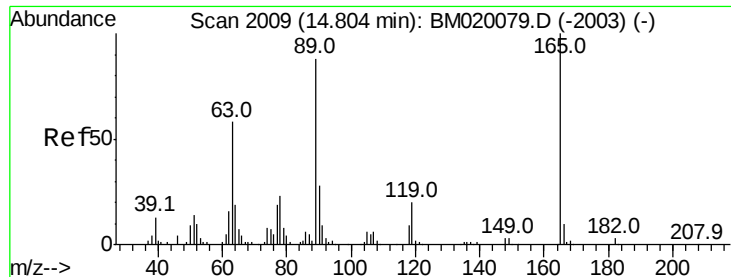


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

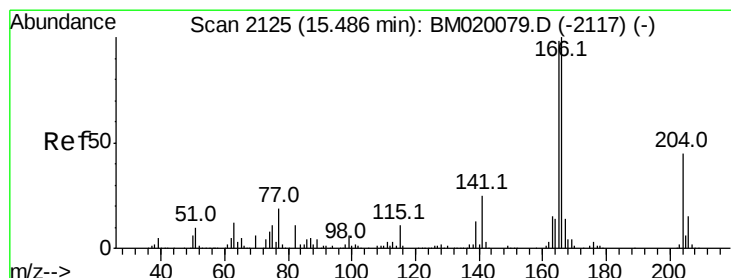
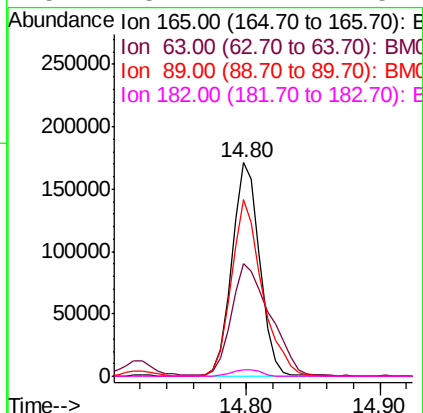
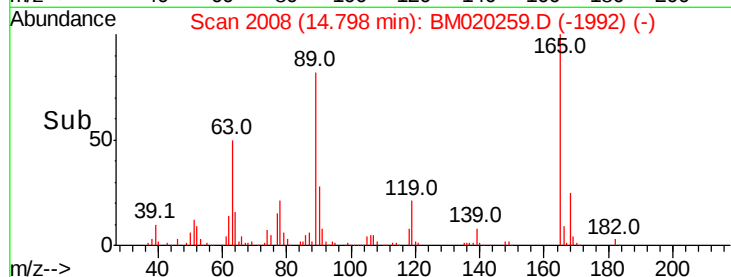
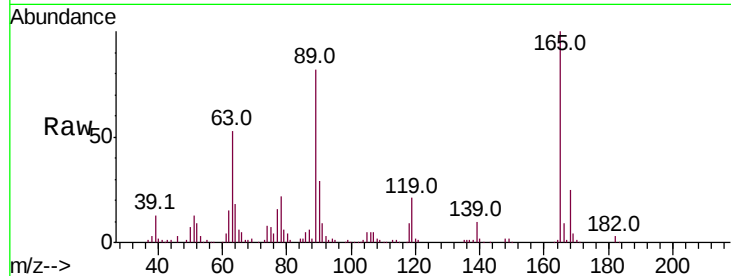




#57
2,4-Dinitrotoluene
Concen: 42.161 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

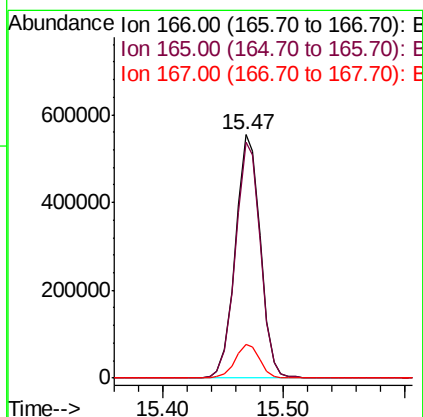
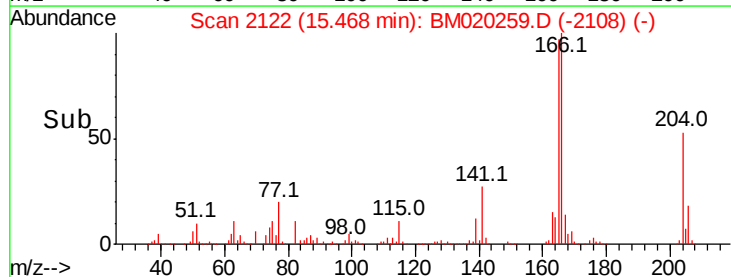
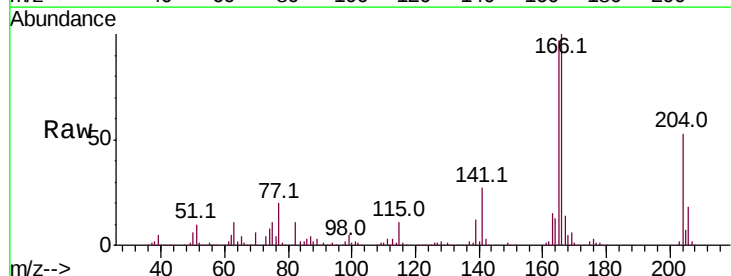
Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

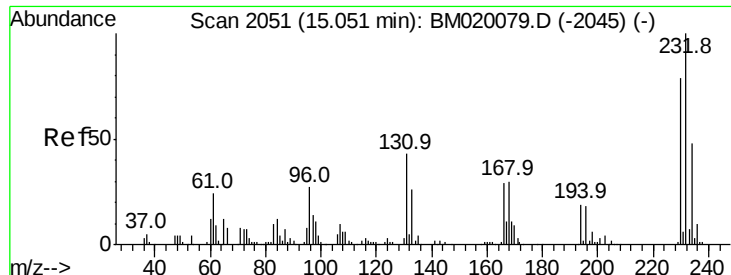
Tot Ion:165 Resp: 248490
Ion Ratio Lower Upper
165 100
63 52.6 46.2 69.2
89 82.4 70.6 105.8
182 3.2 2.2 3.2



#58
Fluorene
Concen: 39.478 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:166 Resp: 799217
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.9 11.0 16.4

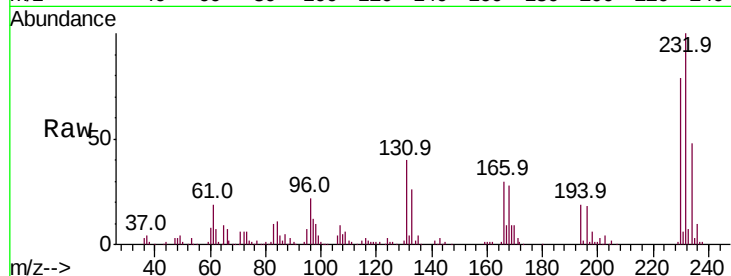




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.475 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.7	34.2	51.4
130	2.2	2.0	3.0
166	29.7	23.8	35.8



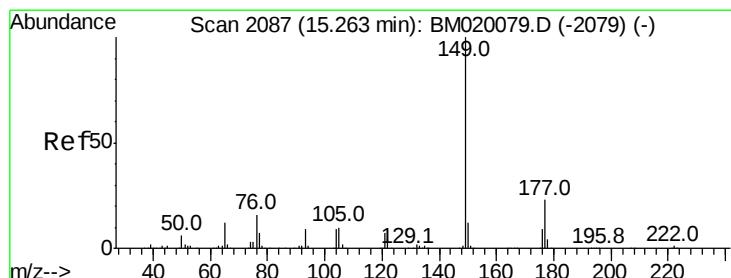
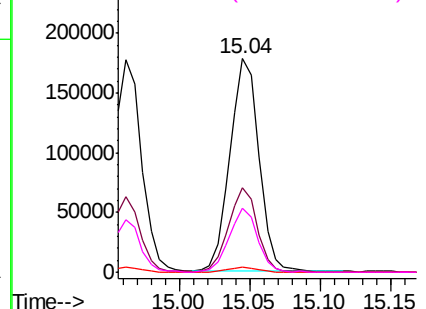
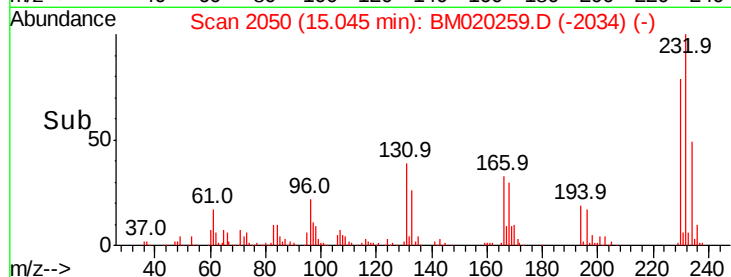
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

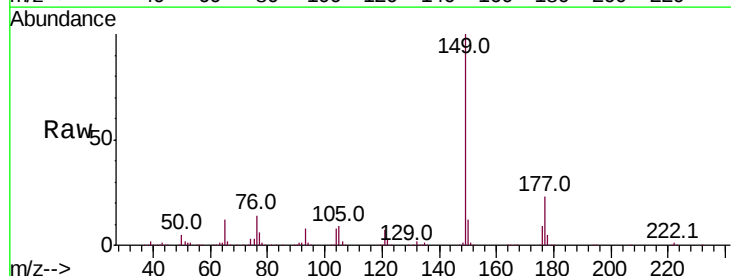
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.678 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.4
150	12.3	9.9	14.9

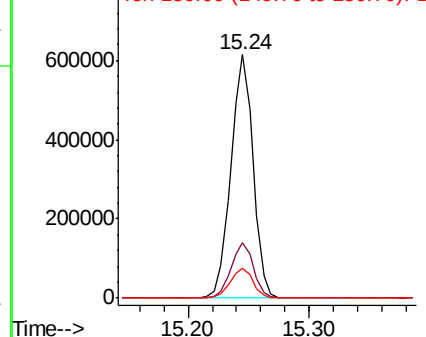
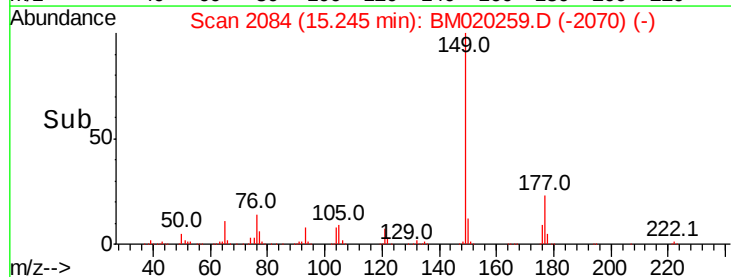


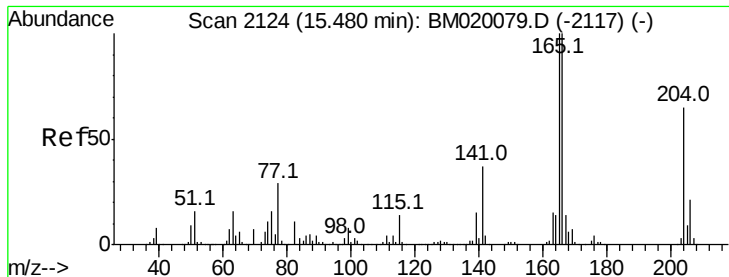
Abundance

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

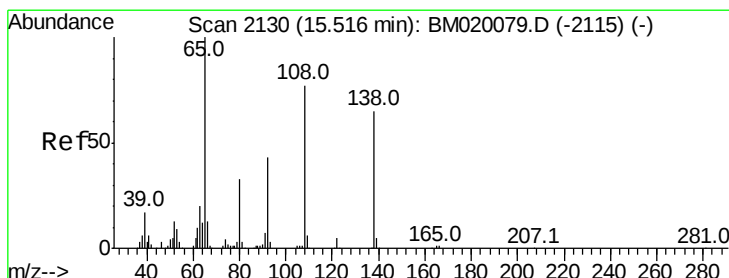
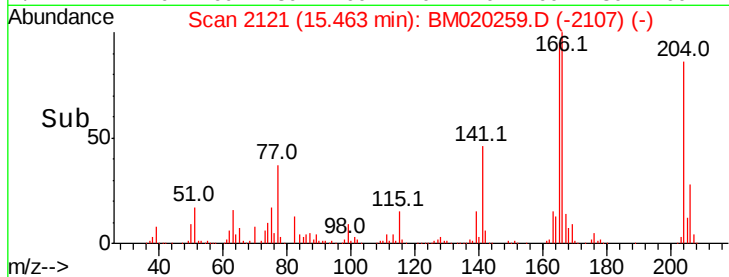
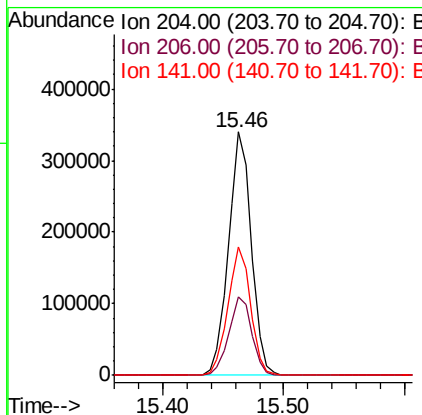
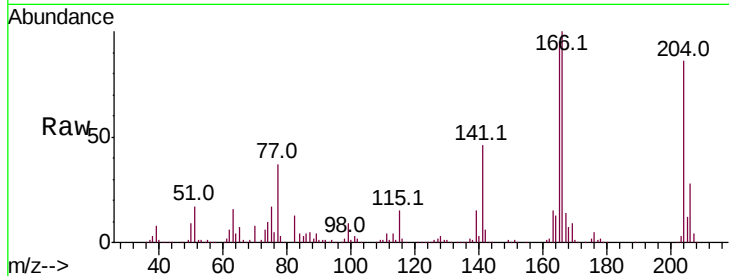




#61
 4-Chlorophenyl-phenylether
 Concen: 38.891 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

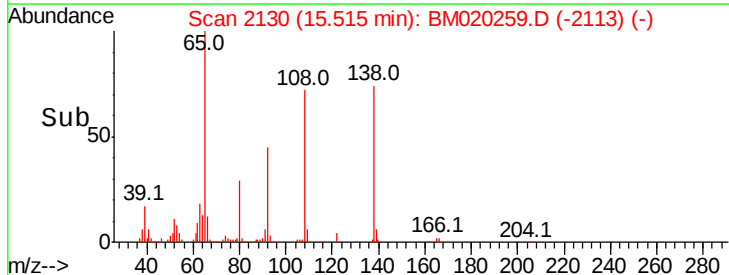
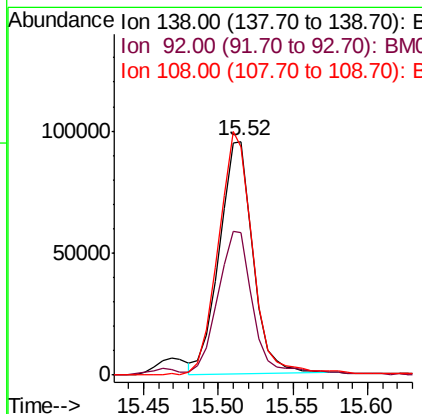
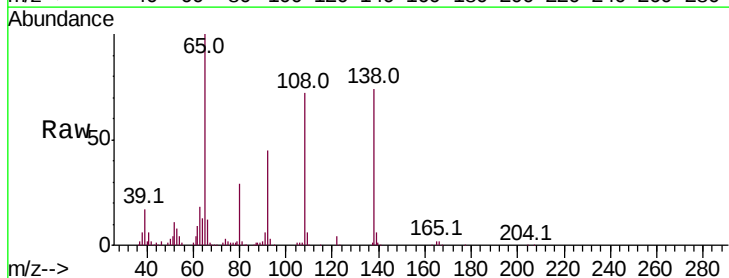
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

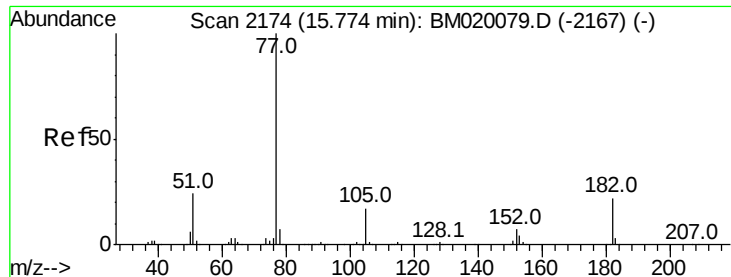
Tot Ion:	204	Resp:	446105
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.6	38.4
141	53.0	46.1	69.1



#62
 4-Nitroaniline
 Concen: 33.828 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Tgt Ion:	138	Resp:	150286
Ion	Ratio	Lower	Upper
138	100		
92	60.8	45.9	85.9
108	97.8	97.7	137.7





#63

Azobenzene

Concen: 36.068 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

Tot Ion: 77 Resp: 882815

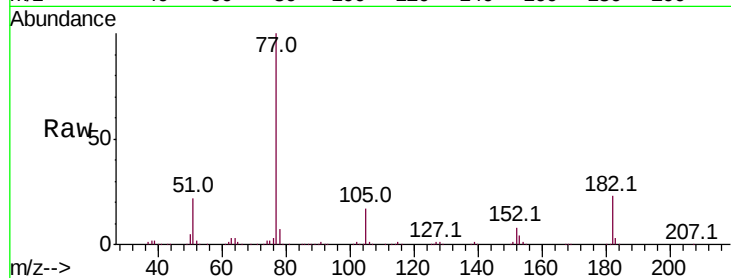
Ion Ratio Lower Upper

77 100

182 23.1 2.1 42.1

105 16.9 0.0 36.8

51 21.9 3.8 43.8

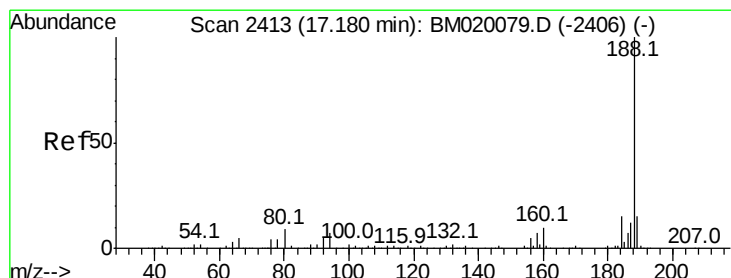
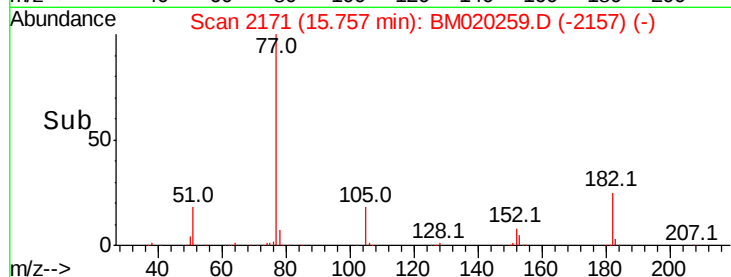
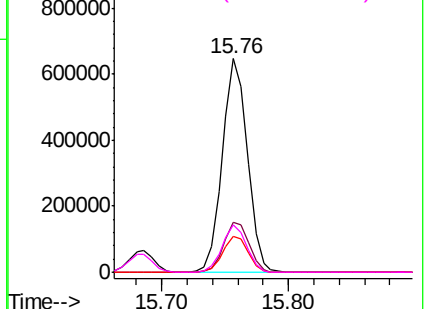


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

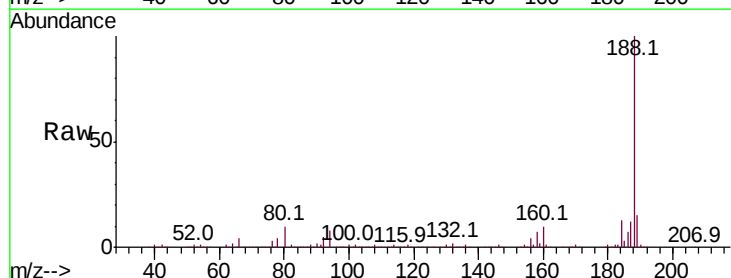
Tgt Ion: 188 Resp: 601637

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

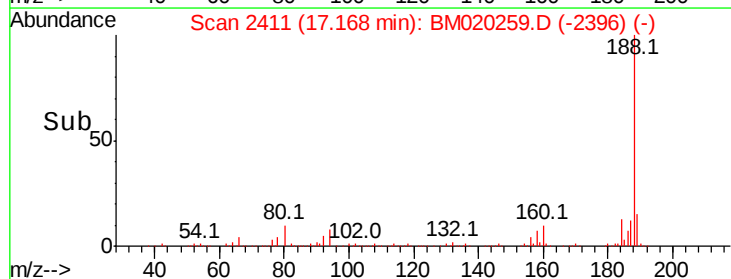
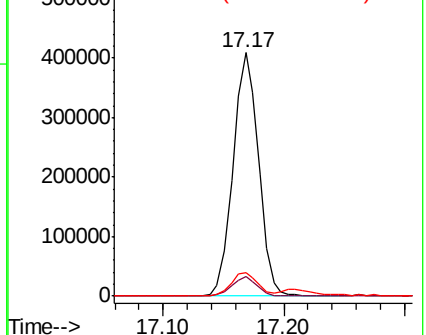
80 9.7 7.4 11.2

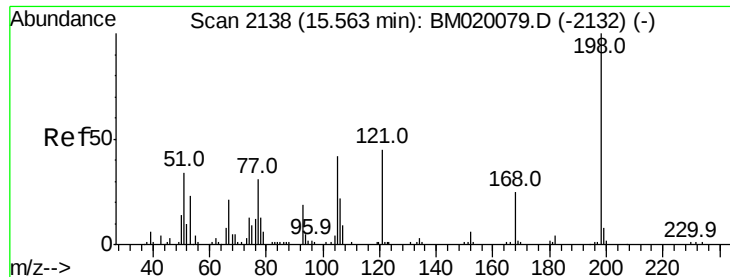


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

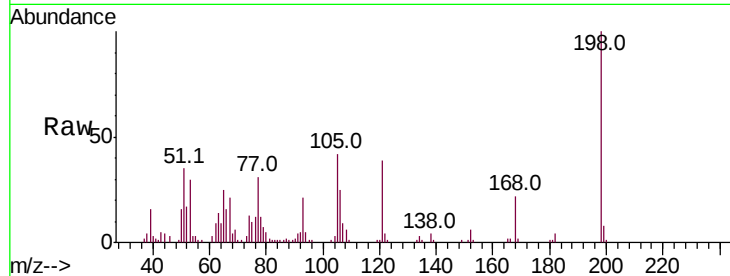




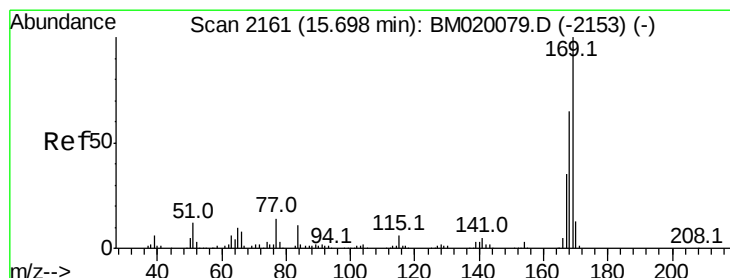
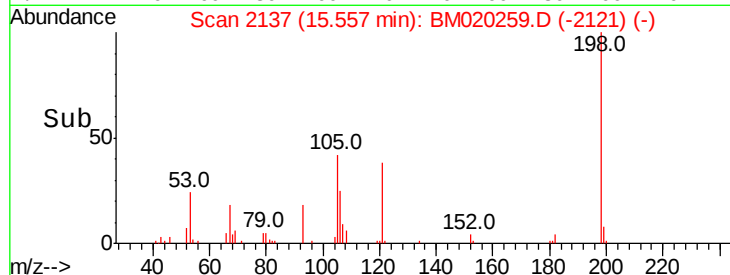
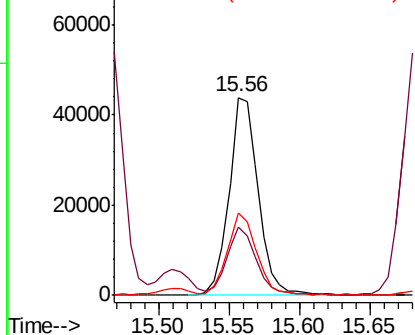
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.874 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.7	16.5	56.5
105	41.6	22.8	62.8

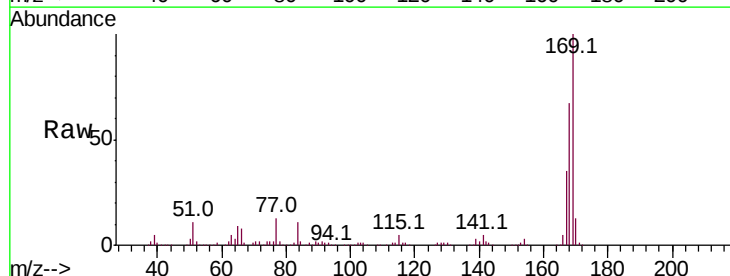


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

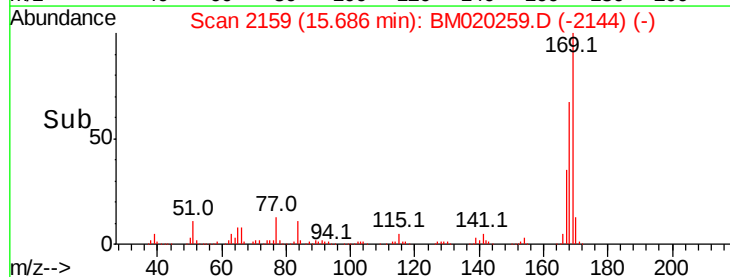
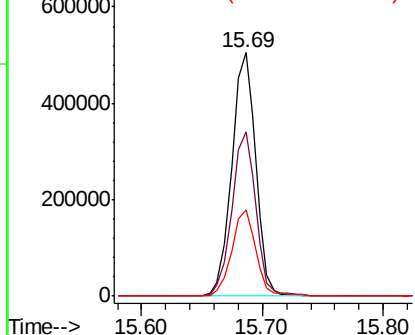


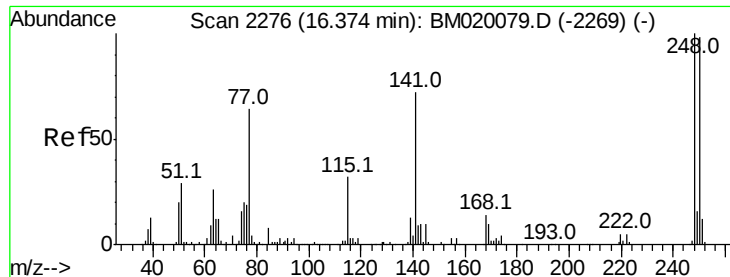
#66
 n-Nitrosodiphenylamine
 Concen: 39.463 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	51.9	77.9
167	35.4	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

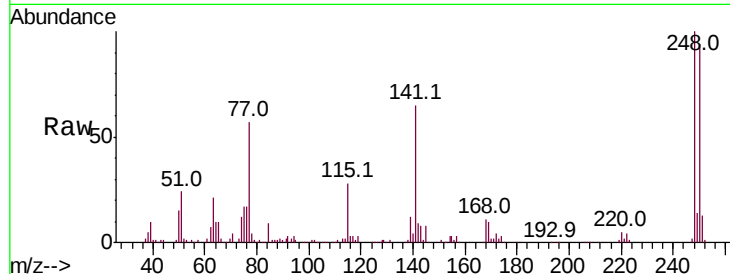




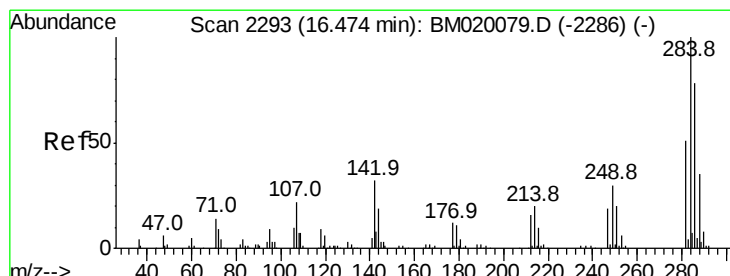
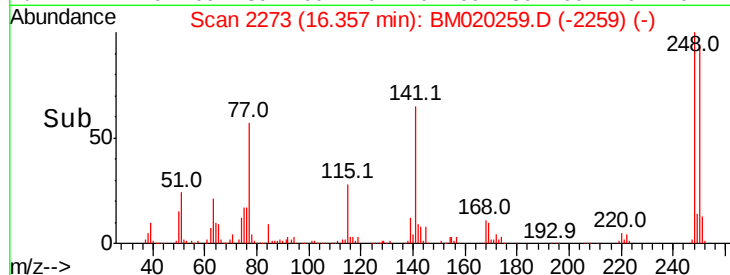
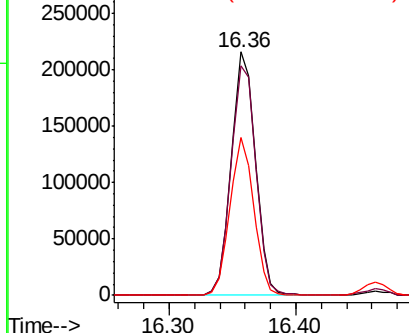
#67
4-Bromophenyl-phenylether
Concen: 38.365 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

Tot Ion:248 Resp: 283046
Ion Ratio Lower Upper
248 100
250 94.1 78.4 117.6
141 64.7 57.4 86.2

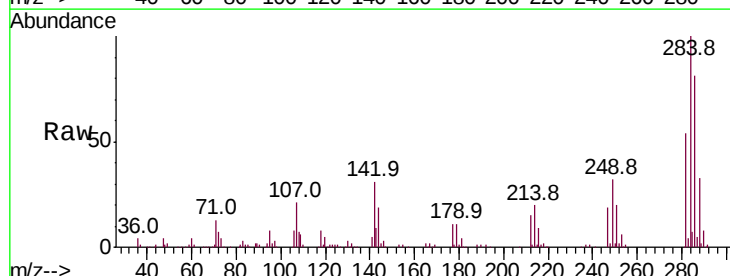


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

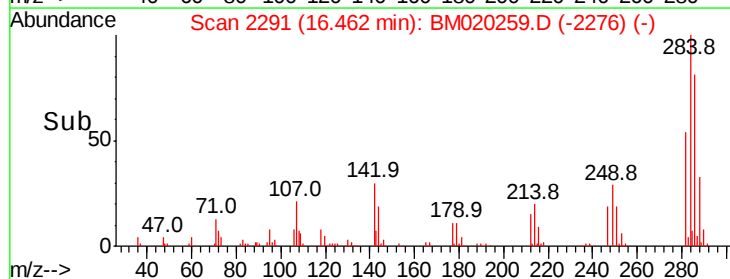
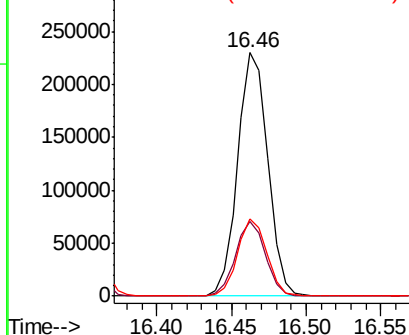


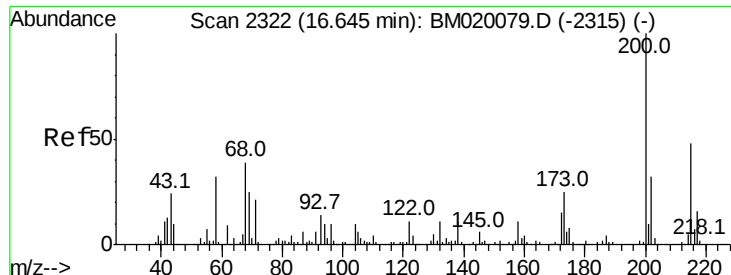
#68
Hexachlorobenzene
Concen: 38.014 ng
RT: 16.46 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:284 Resp: 322727
Ion Ratio Lower Upper
284 100
142 30.7 25.2 37.8
249 31.7 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: 37.359 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

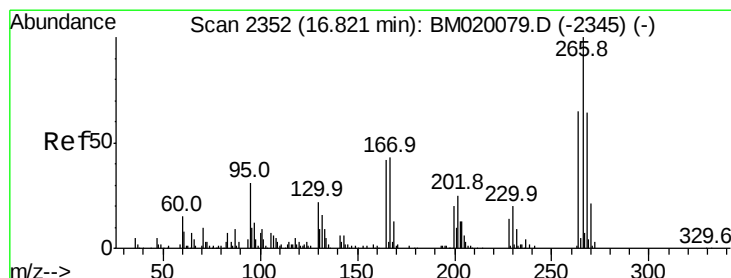
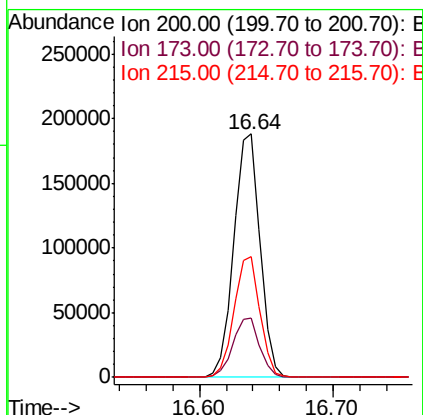
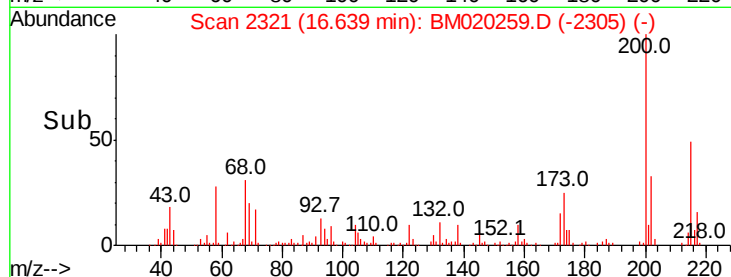
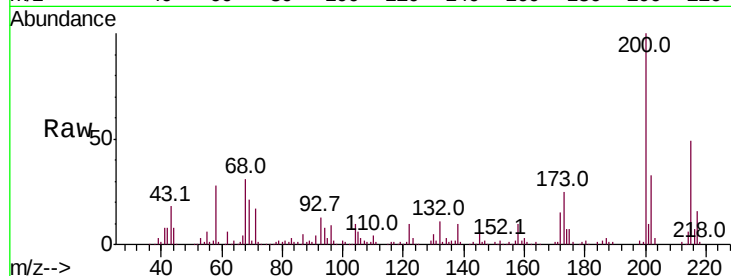
Tot Ion:200 Resp: 258467

Ion Ratio Lower Upper

200 100

173 24.5 4.6 44.6

215 49.4 28.0 68.0



#70

Pentachlorophenol

Concen: 88.666 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

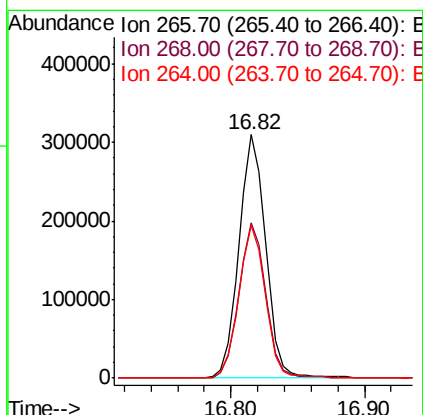
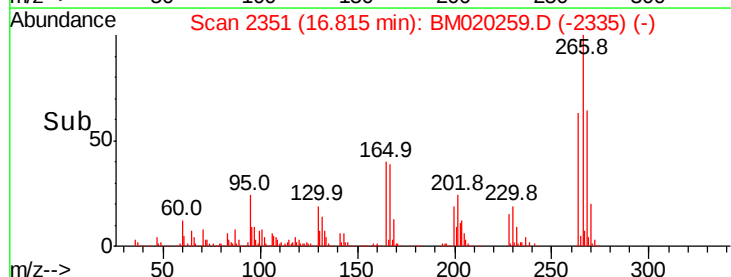
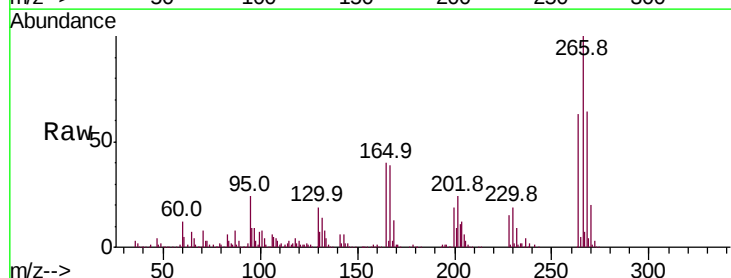
Tgt Ion:266 Resp: 430697

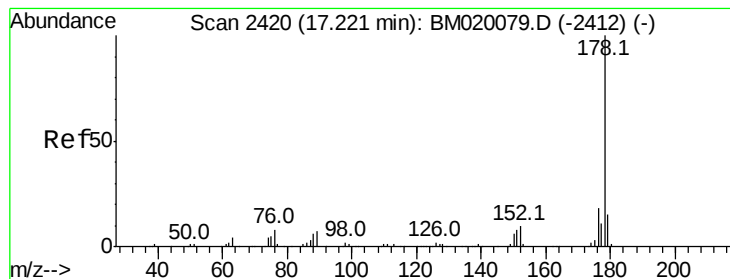
Ion Ratio Lower Upper

266 100

268 63.8 51.4 77.0

264 62.5 52.0 78.0





#71

Phenanthrene

Concen: 39.677 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

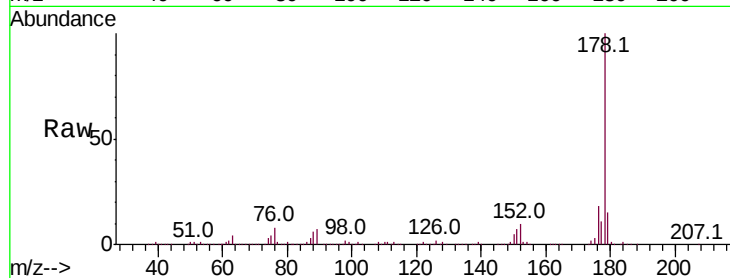
Tot Ion:178 Resp: 1317713

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

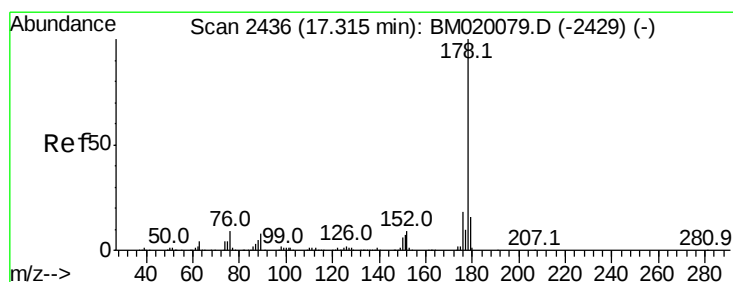
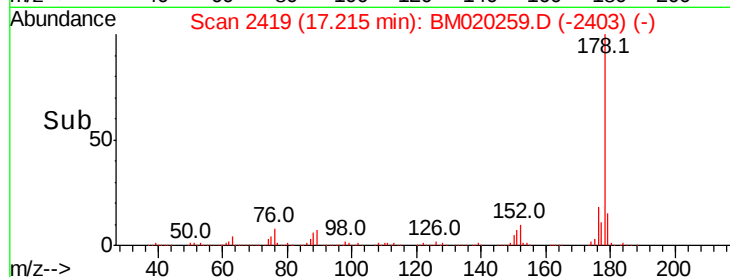
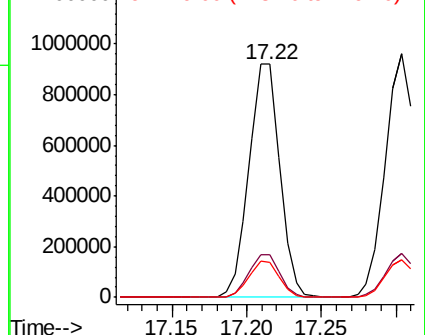
179 14.9 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.525 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

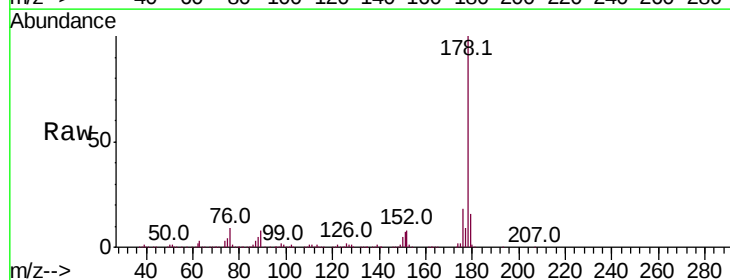
Tgt Ion:178 Resp: 1345625

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

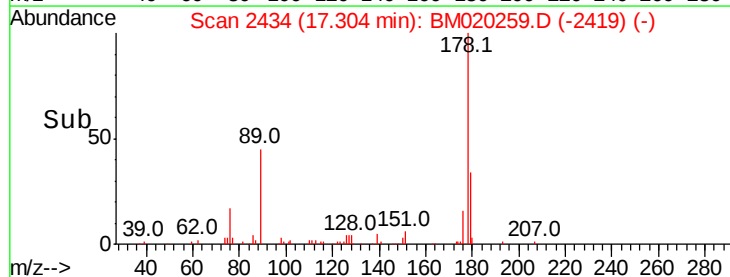
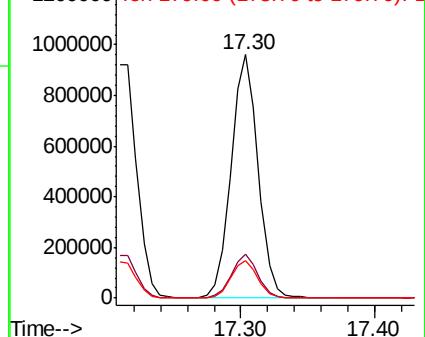
179 15.7 12.4 18.6

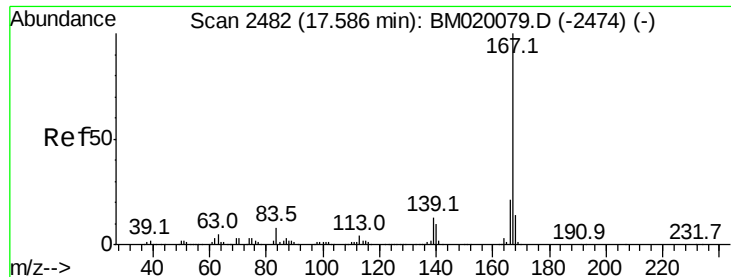


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

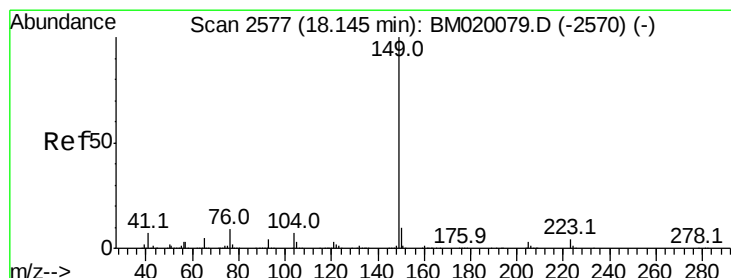
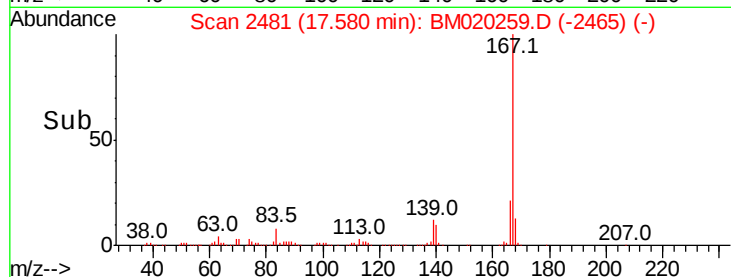
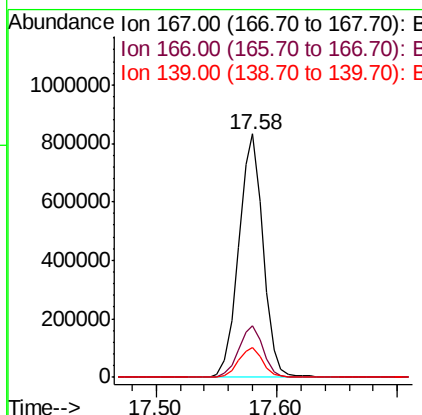
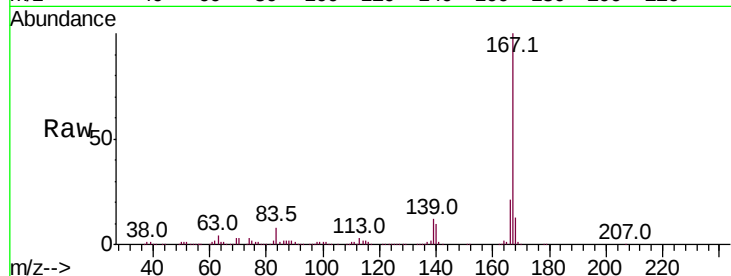




#73
 Carbazole
 Concen: 39.142 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

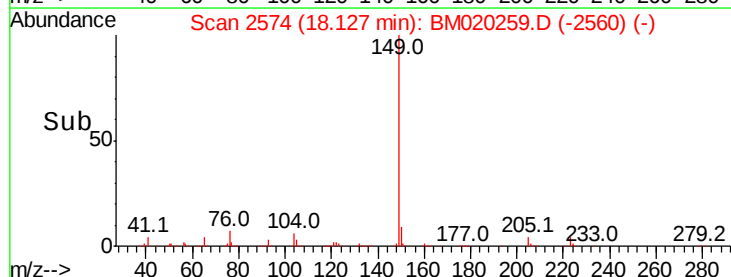
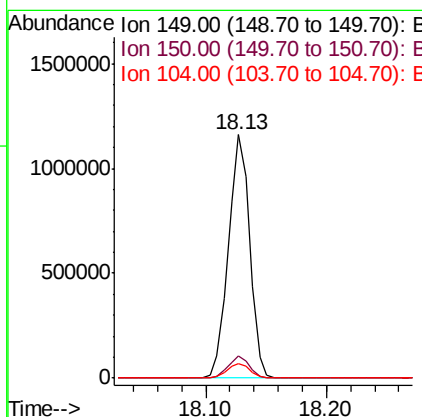
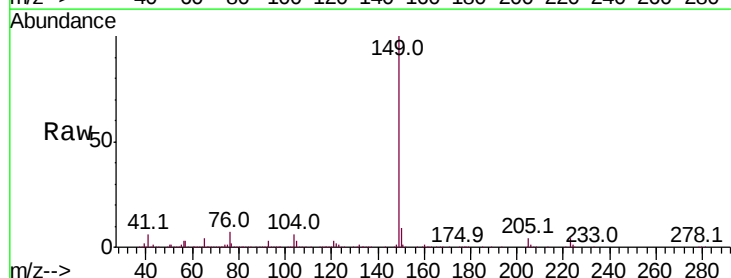
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

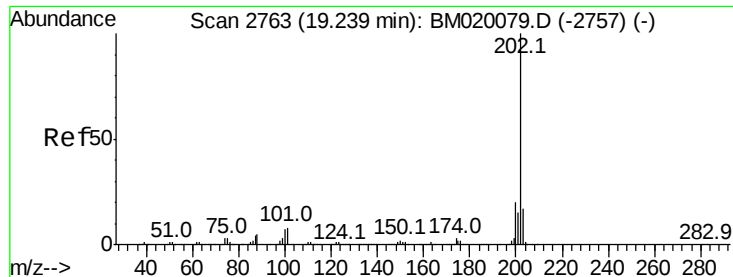
Tot Ion:167 Resp: 1172729
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.450 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Tgt Ion:149 Resp: 1422438
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 6.0 5.7 8.5





#75

Fluoranthene

Concen: 37.378 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

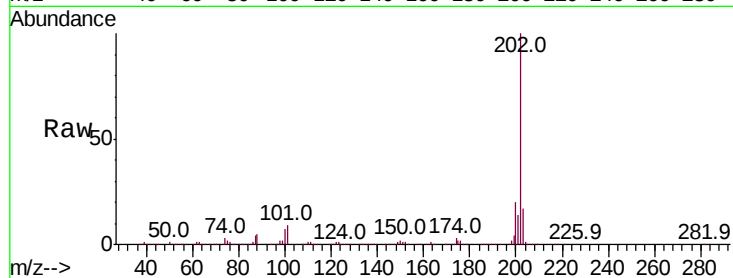
Tot Ion:202 Resp: 1570629

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.4

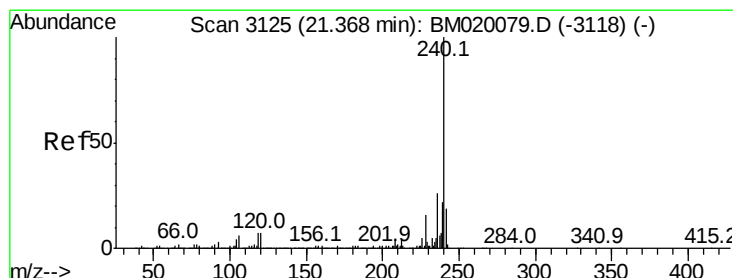
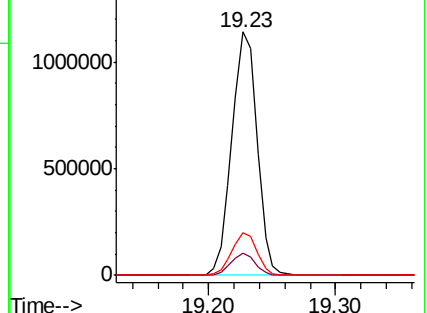
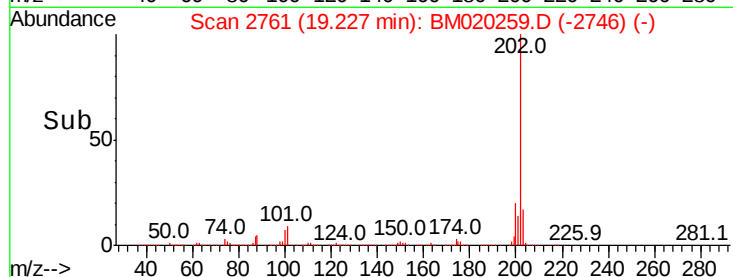
203 17.3 0.0 37.4



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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

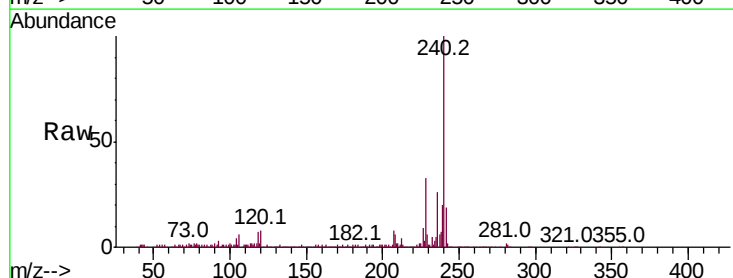
Tgt Ion:240 Resp: 480792

Ion Ratio Lower Upper

240 100

120 7.7 5.6 8.4

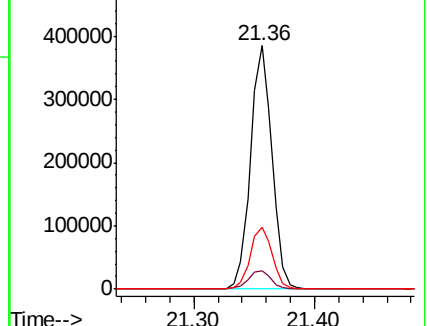
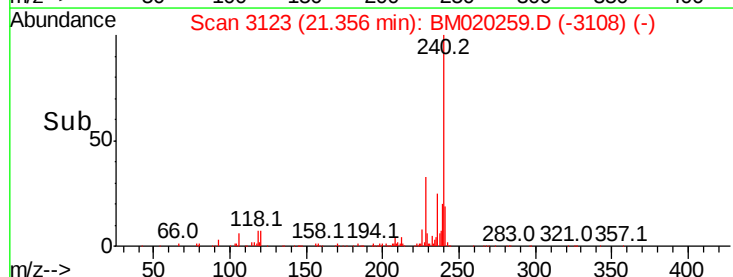
236 25.6 20.9 31.3

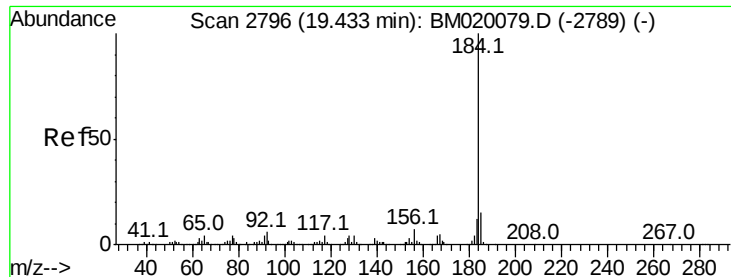


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.266 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

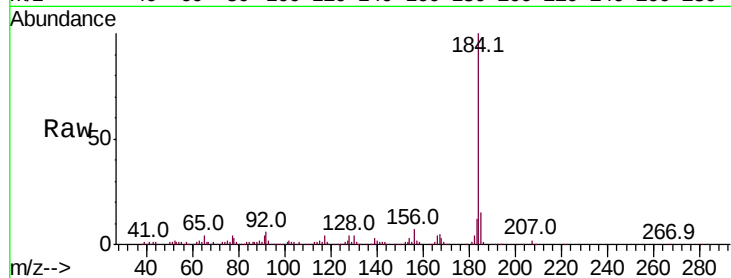
Tot Ion:184 Resp: 449854

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

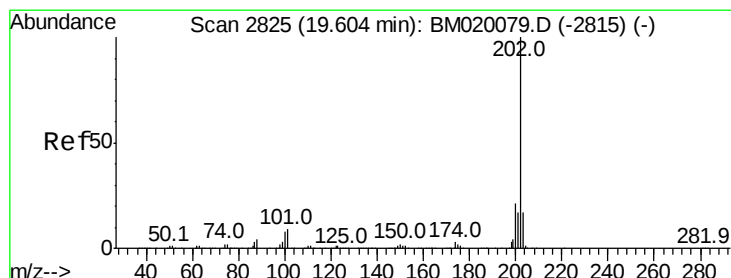
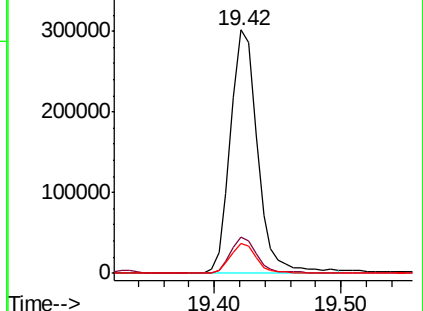
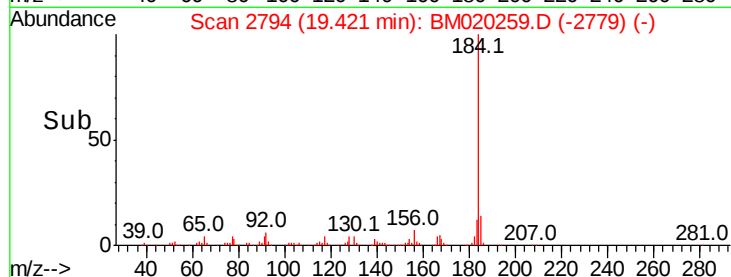
183 12.2 9.5 14.3



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: 48.094 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

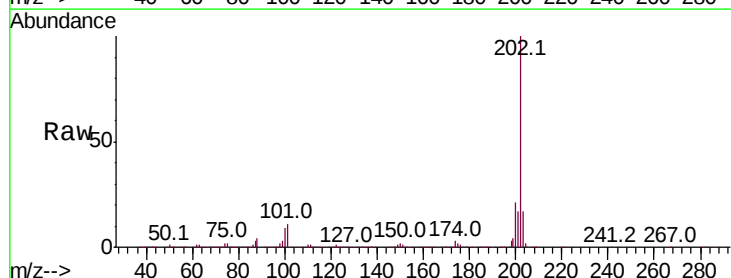
Tgt Ion:202 Resp: 1552477

Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

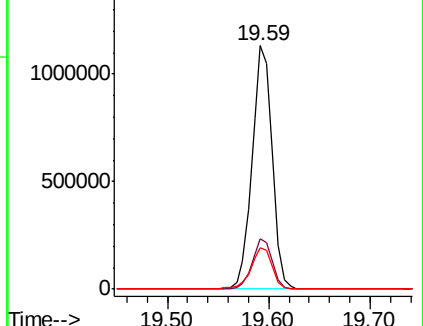
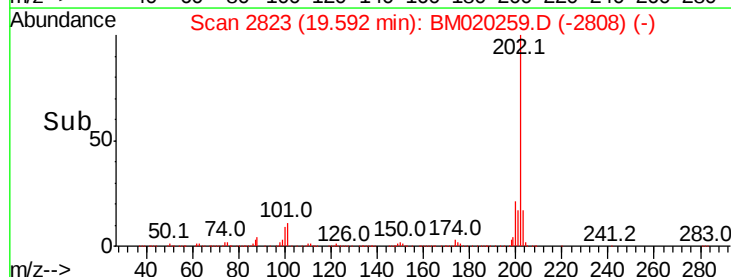
203 17.2 13.9 20.9

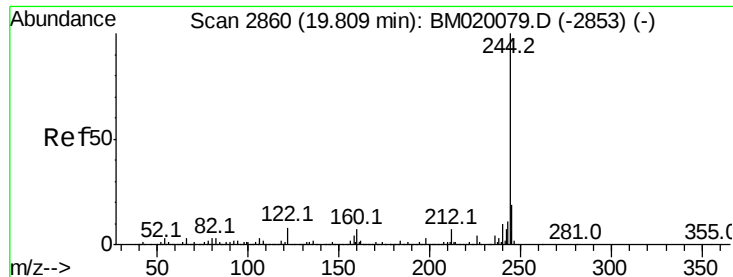


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.232 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

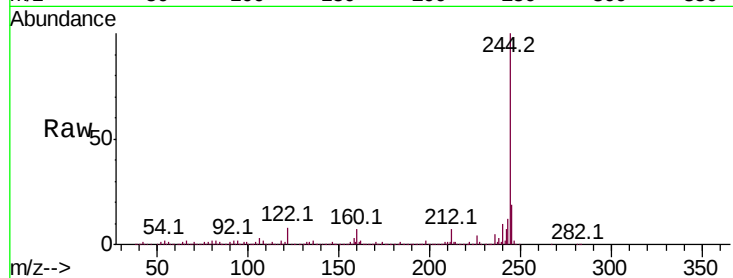
Tot Ion:244 Resp: 2955845

Ion Ratio Lower Upper

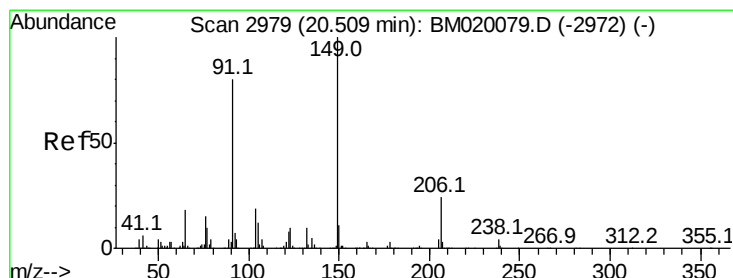
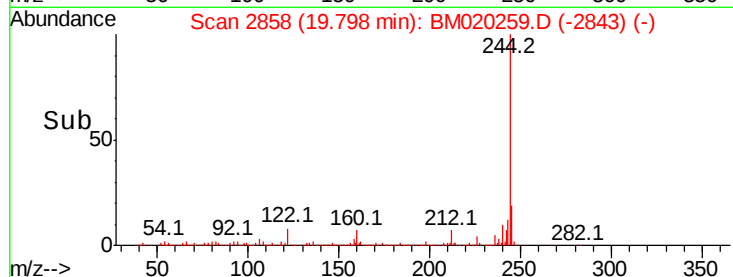
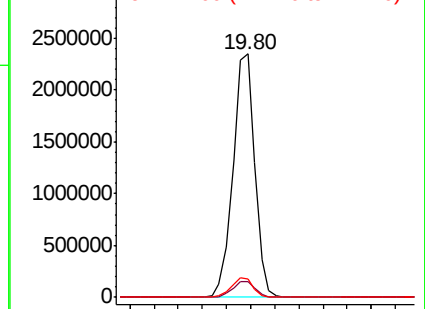
244 100

212 6.7 5.7 8.5

122 7.7 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: 53.865 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

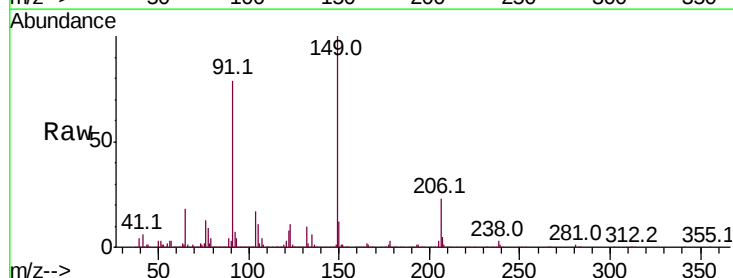
Tgt Ion:149 Resp: 632297

Ion Ratio Lower Upper

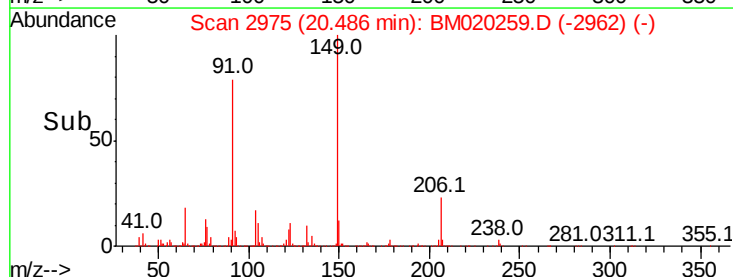
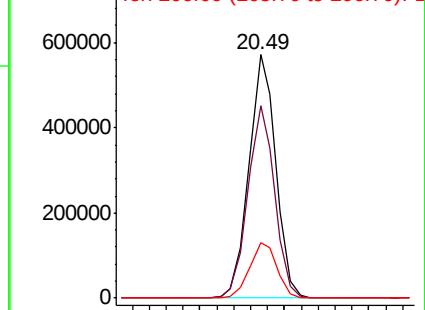
149 100

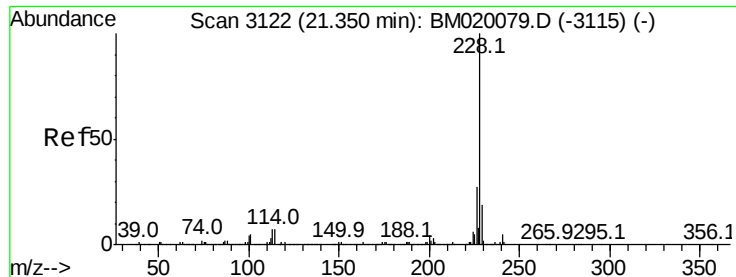
91 79.1 63.8 95.8

206 23.0 18.9 28.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

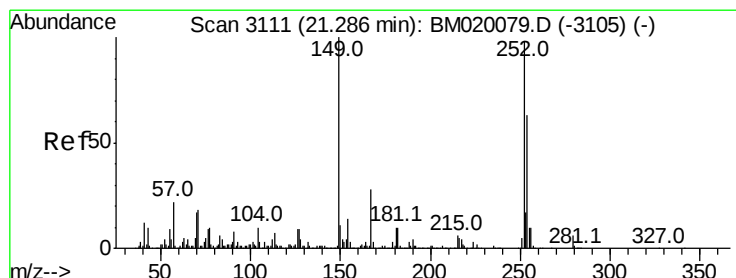
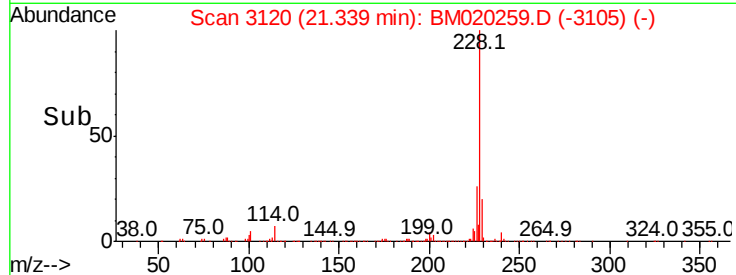
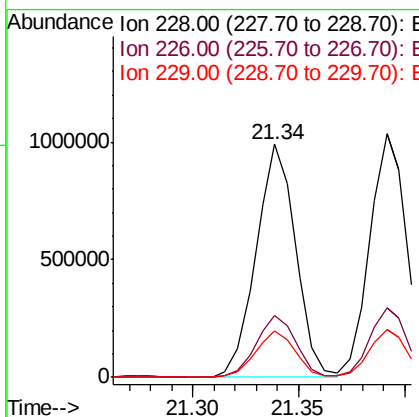
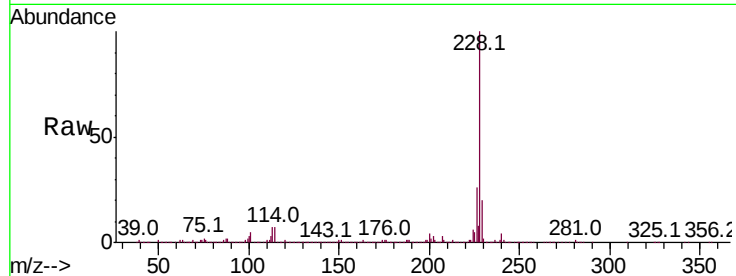




#81
Benzo(a)anthracene
Concen: 38.352 ng
RT: 21.34 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

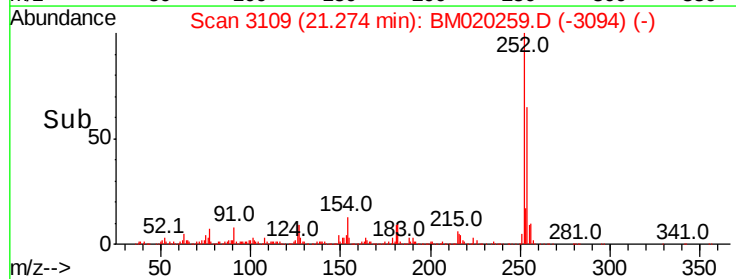
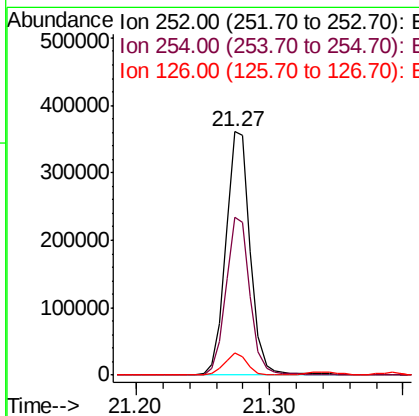
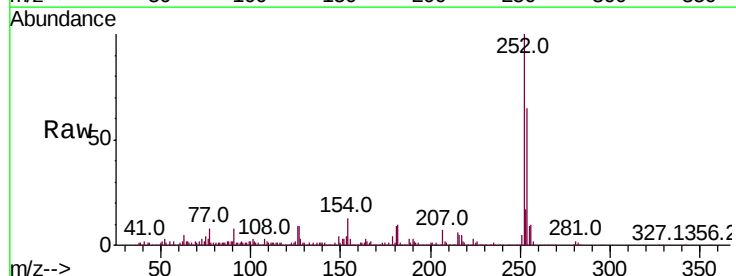
Instrument :
BNA_M
ClientSampleId :
RBR-200035MS

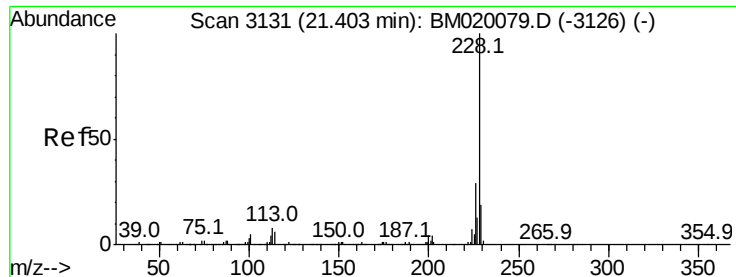
Tot Ion:228 Resp: 1293159
Ion Ratio Lower Upper
228 100
226 26.3 21.3 31.9
229 20.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 35.955 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020259.D
Acq: 11 May 2019 03:18

Tgt Ion:252 Resp: 462710
Ion Ratio Lower Upper
252 100
254 64.6 51.1 76.7
126 9.0 7.1 10.7





#83

Chrysene

Concen: 38.594 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

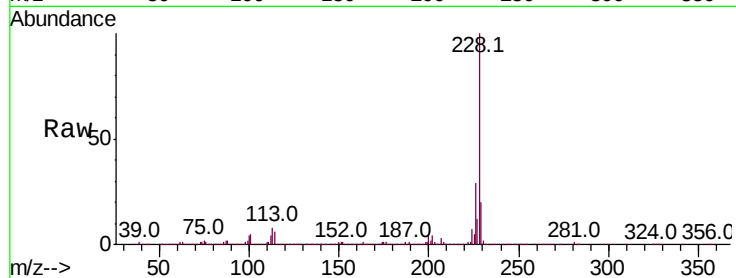
Tot Ion:228 Resp: 1262050

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.6	15.5	23.3

228 100

226 28.8 23.0 34.6

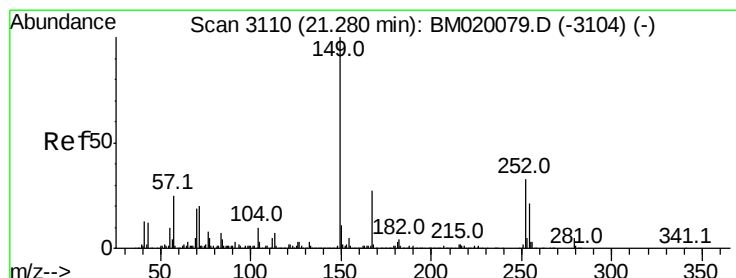
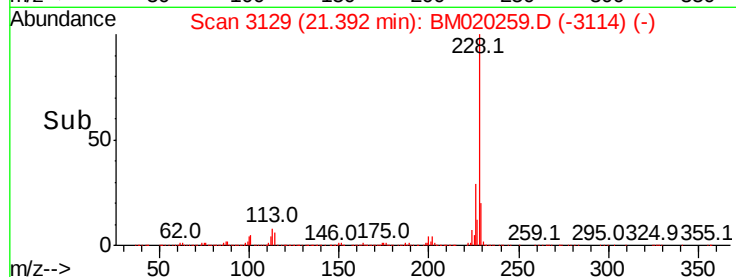
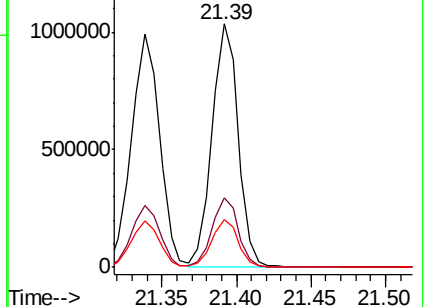
229 19.6 15.5 23.3



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: 49.455 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

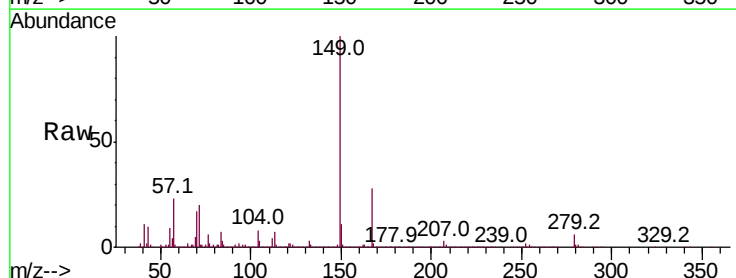
Tgt Ion:149 Resp: 900836

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	5.6	4.2	6.2

149 100

167 28.1 21.8 32.8

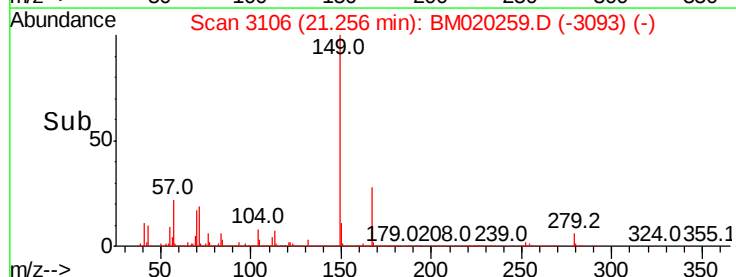
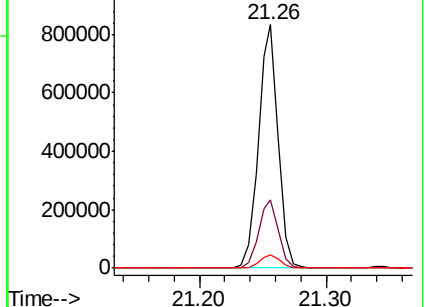
279 5.6 4.2 6.2

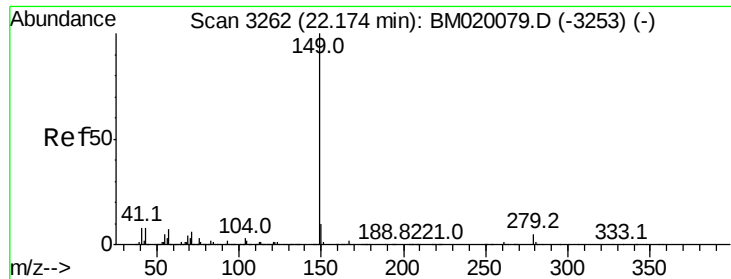


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.275 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.03 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

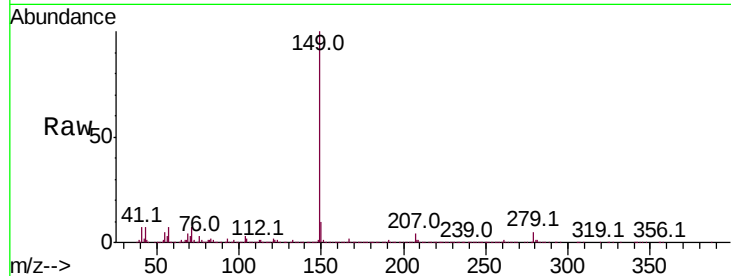
Tot Ion:149 Resp: 1370697

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

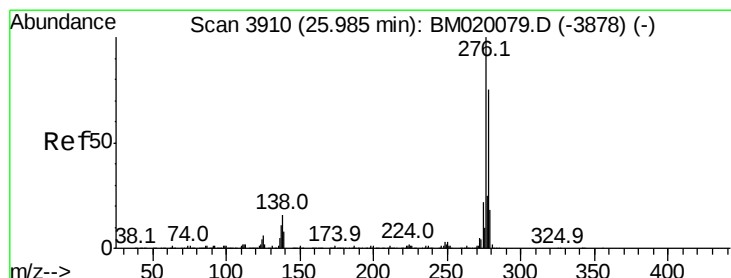
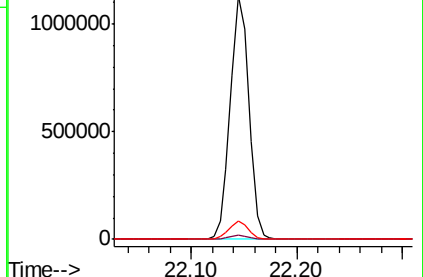
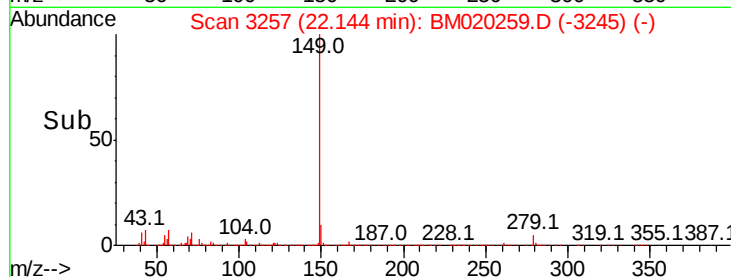
43 7.0 6.5 9.7



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: 34.378 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

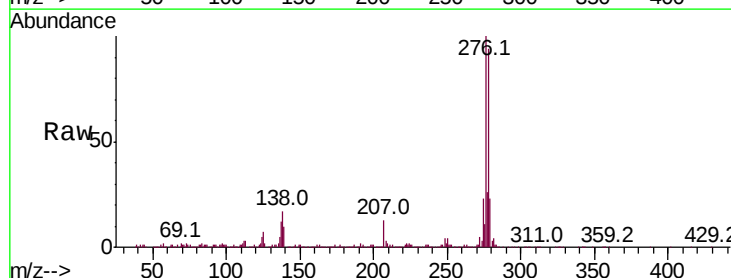
Tgt Ion:276 Resp: 1337183

Ion Ratio Lower Upper

276 100

138 16.9 0.0 0.0#

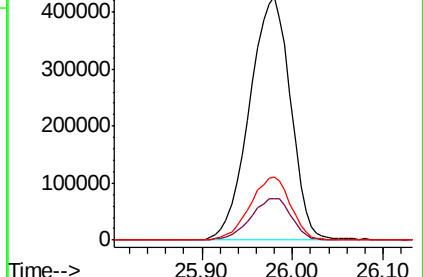
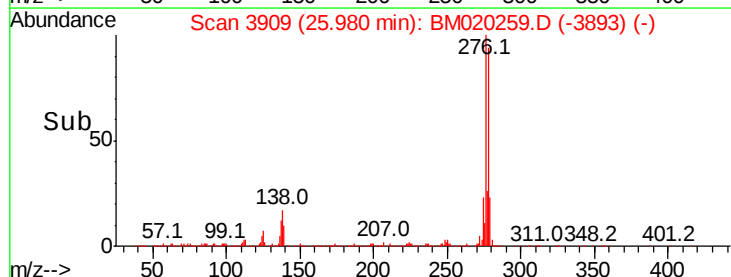
277 25.4 0.0 0.0#

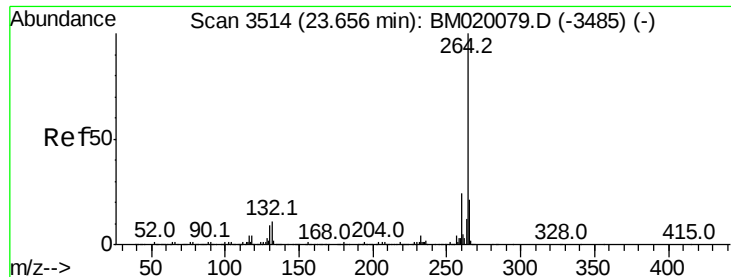


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

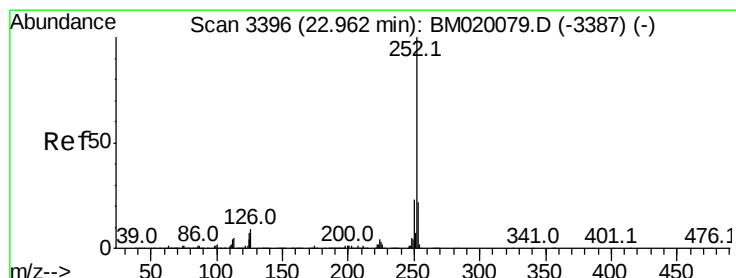
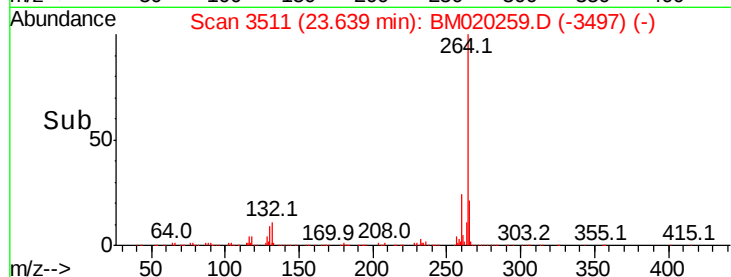
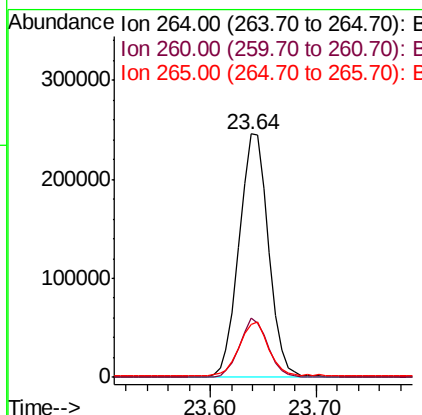
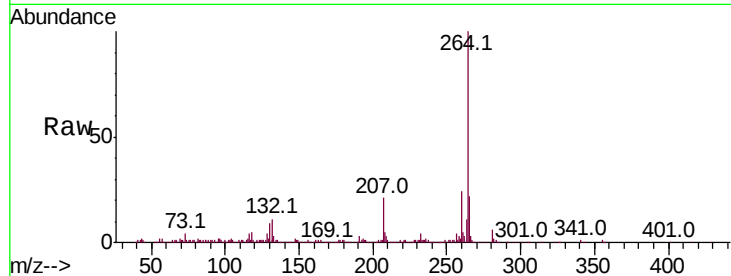




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

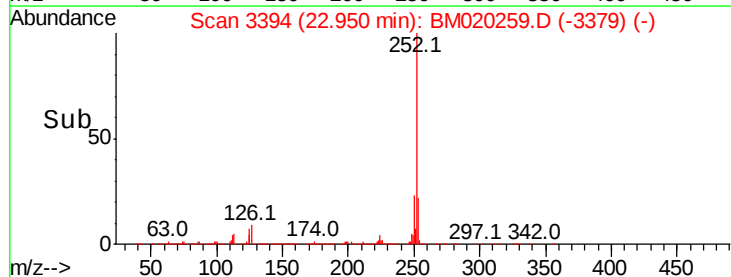
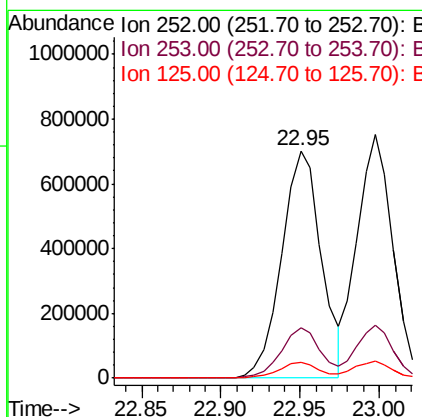
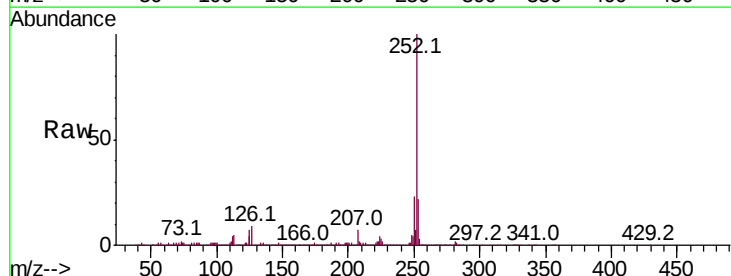
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MS

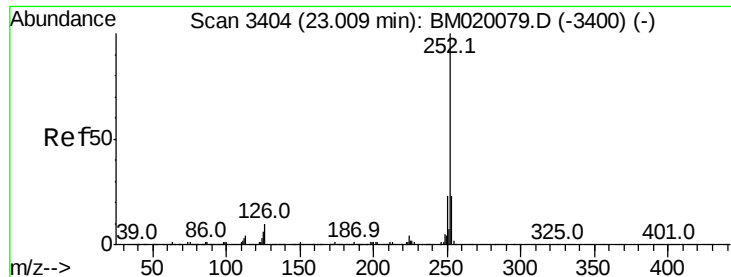
Tot Ion:264 Resp: 478260
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 38.579 ng
 RT: 22.95 min Scan# 3394
 Delta R.T. -0.01 min
 Lab File: BM020259.D
 Acq: 11 May 2019 03:18

Tgt Ion:252 Resp: 1218388
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 7.2 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 40.683 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

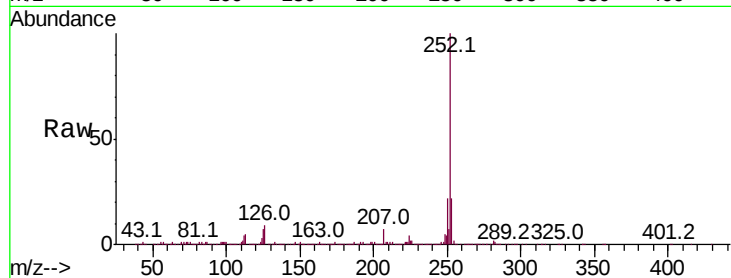
Tot Ion:252 Resp: 1172014

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

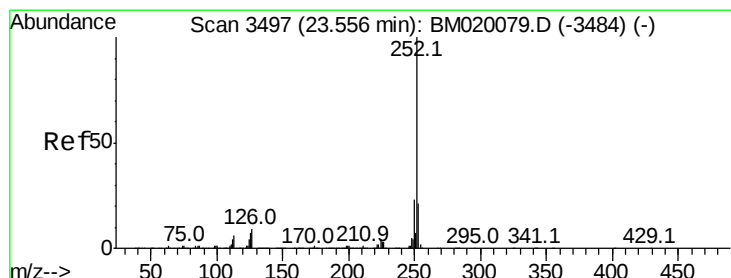
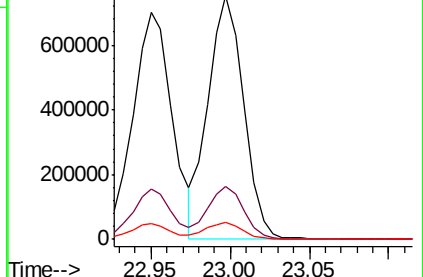
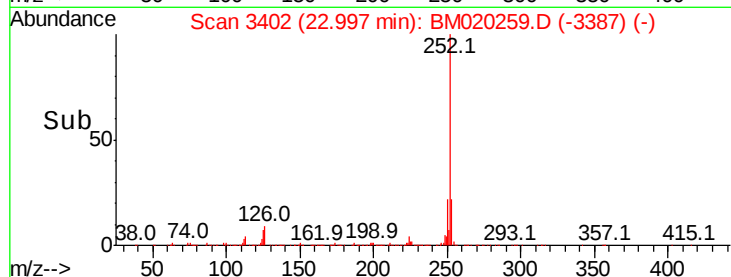
125 7.0 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.009 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

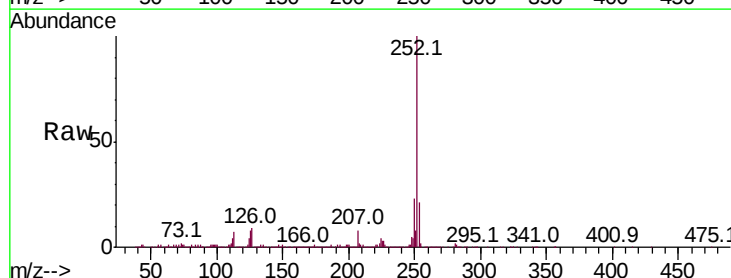
Tgt Ion:252 Resp: 1147718

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

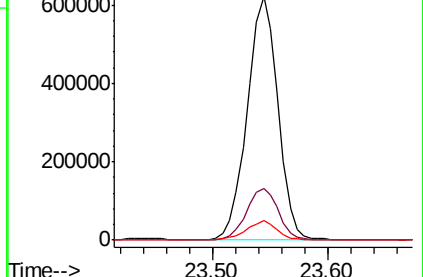
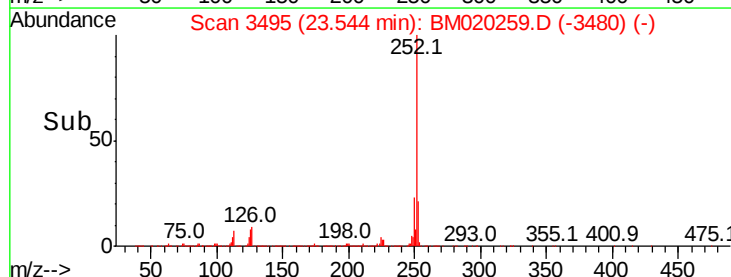
125 7.9 5.5 8.3

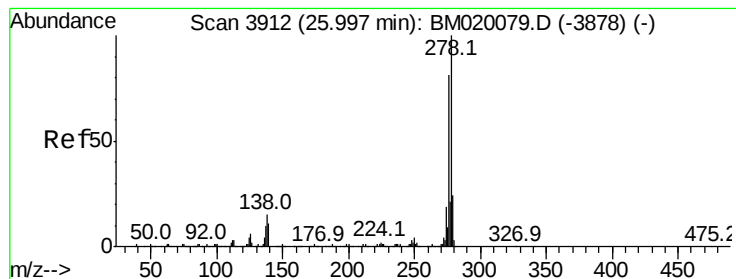


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.536 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

Instrument :

BNA_M

ClientSampleId :

RBR-200035MS

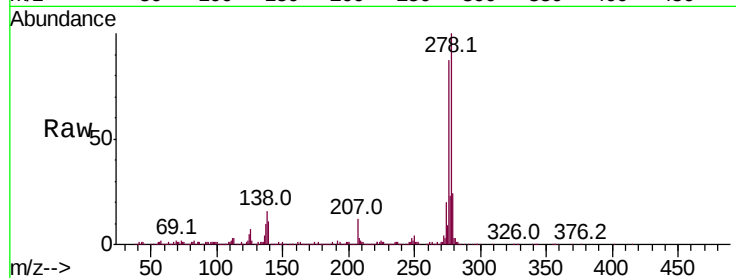
Tot Ion:278 Resp: 1149632

Ion Ratio Lower Upper

278 100

139 10.8 8.6 13.0

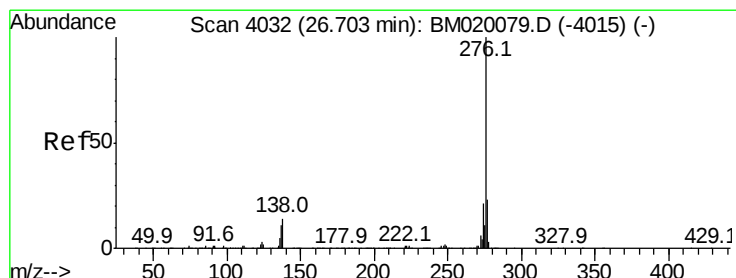
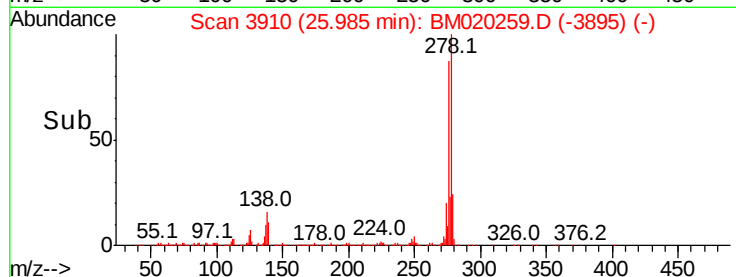
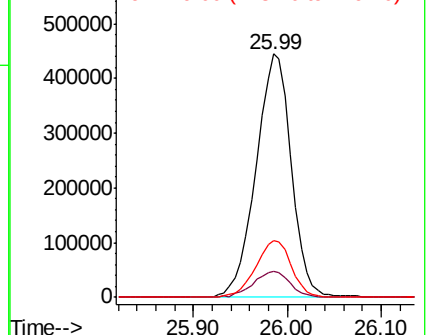
279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.891 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM020259.D

Acq: 11 May 2019 03:18

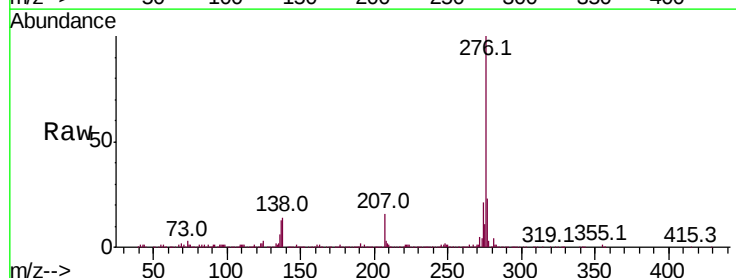
Tgt Ion:276 Resp: 1101512

Ion Ratio Lower Upper

276 100

277 23.1 18.4 27.6

138 13.9 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

