

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020260.D
 Acq On : 11 May 2019 03:54
 Operator : JU/SJ
 Sample : K2801-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Quant Time: May 11 05:54:59 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	95292	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	369380	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	239239	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	598220	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	510204	20.00	ng	-0.01
87) Perylene-d12	23.64	264	482509	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	772922	132.58	ng	-0.01
7) Phenol-d6	6.95	99	1090890	136.97	ng	0.00
23) Nitrobenzene-d5	8.95	82	754128	80.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	545304	146.85	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1552420	79.84	ng	-0.02
79) Terphenyl-d14	19.80	244	2877176	98.36	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	82947	29.011	ng	94
3) Pyridine	3.69	79	230780	31.560	ng	95
4) n-Nitrosodimethylamine	3.61	42	83618	35.660	ng	# 64
6) Aniline	7.11	93	306977	30.620	ng	97
8) 2-Chlorophenol	7.34	128	273805	43.135	ng	96
9) Benzaldehyde	6.93	77	155772	25.842	ng	92
10) Phenol	6.97	94	382391	44.600	ng	92
11) bis(2-Chloroethyl)ether	7.21	93	266398	42.750	ng	97
12) 1,3-Dichlorobenzene	7.66	146	288436	39.055	ng	95
13) 1,4-Dichlorobenzene	7.81	146	294913	39.529	ng	97
14) 1,2-Dichlorobenzene	8.12	146	288109	40.533	ng	96
15) Benzyl Alcohol	8.02	79	305707	39.808	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	205614	39.792	ng	99
17) 2-Methylphenol	8.22	107	247177	44.785	ng	94
18) Hexachloroethane	8.84	117	106909	34.366	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	267050	39.193	ng	94
20) 3+4-Methylphenols	8.55	107	330272	45.025	ng	96
22) Acetophenone	8.60	105	428645	42.460	ng	# 95
24) Nitrobenzene	8.99	77	393102	40.523	ng	95
25) Isophorone	9.50	82	684603	42.431	ng	98
26) 2-Nitrophenol	9.69	139	151210	51.631	ng	90
27) 2,4-Dimethylphenol	9.75	122	249261	51.122	ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	371335	42.258	ng	98
29) 2,4-Dichlorophenol	10.22	162	286275	46.563	ng	97
30) 1,2,4-Trichlorobenzene	10.43	180	322724	42.660	ng	99
31) Naphthalene	10.62	128	830034	43.302	ng	99
32) Benzoic acid	9.90	122	134394	40.015	ng	95
33) 4-Chloroaniline	10.74	127	185466	23.508	ng	97
34) Hexachlorobutadiene	10.88	225	202753	37.887	ng	94
35) Caprolactam	11.56	113	45106	24.536	ng	97
36) 4-Chloro-3-methylphenol	11.86	107	323045	44.712	ng	93
37) 2-Methylnaphthalene	12.23	142	635644	45.486	ng	96
38) 1-Methylnaphthalene	12.45	142	606343	44.372	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	396159	42.325	ng	99

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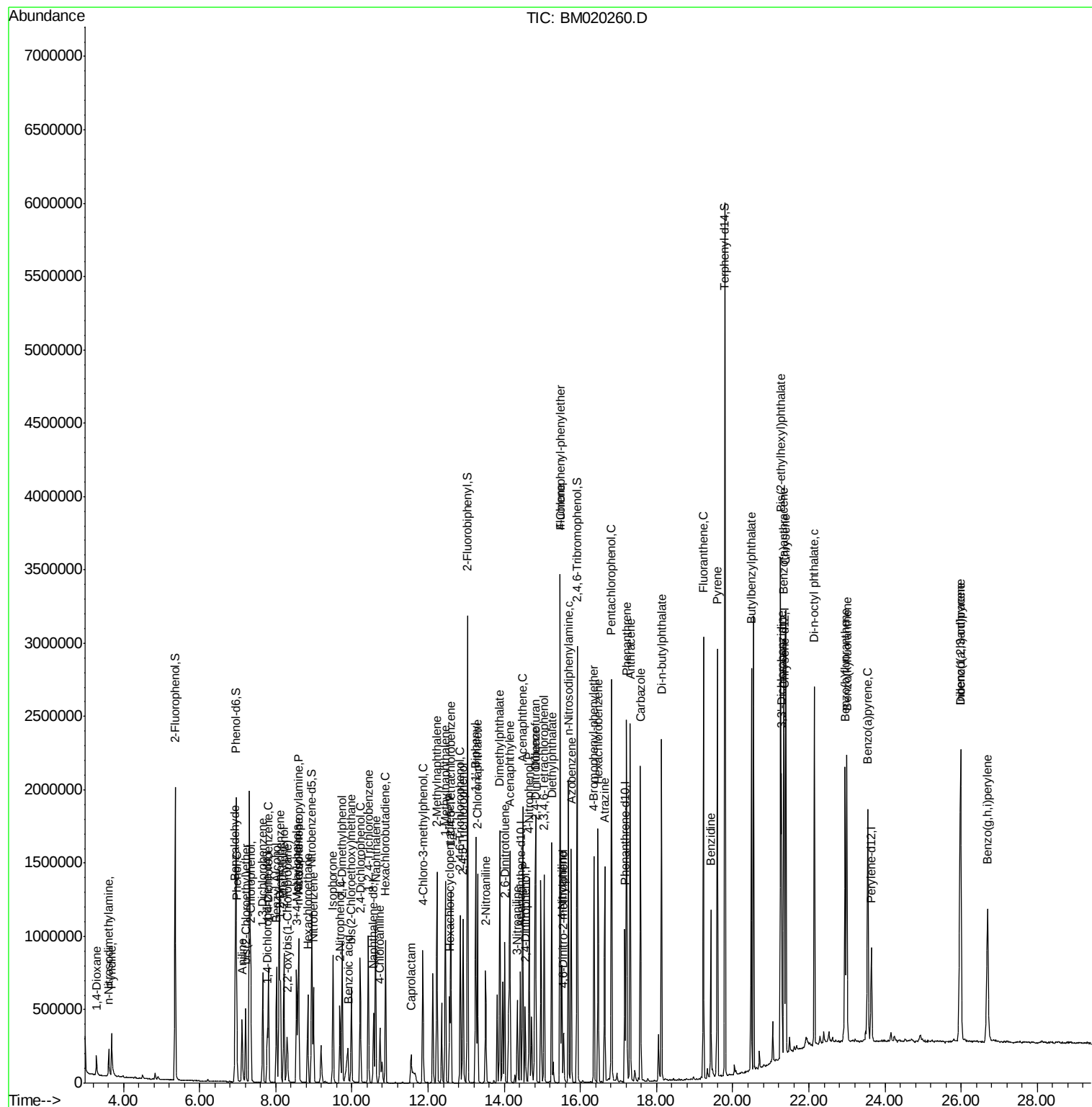
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	165162	29.969	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	267101	50.212	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	285586	48.057	ng	96
46) 1,1'-Biphenyl	13.25	154	838892	42.601	ng	99
47) 2-Chloronaphthalene	13.30	162	683216	43.455	ng	99
48) 2-Nitroaniline	13.51	65	242509	43.326	ng	94
49) Acenaphthylene	14.15	152	1070467	42.543	ng	99
50) Dimethylphthalate	13.89	163	1054133	51.842	ng	98
51) 2,6-Dinitrotoluene	14.01	165	190766	44.544	ng	92
52) Acenaphthene	14.49	154	625828	43.373	ng	99
53) 3-Nitroaniline	14.35	138	133157	33.500	ng	96
54) 2,4-Dinitrophenol	14.55	184	105233	52.333	ng	92
55) Dibenzofuran	14.82	168	1058379	43.486	ng	96
56) 4-Nitrophenol	14.66	139	327333	96.520	ng	88
57) 2,4-Dinitrotoluene	14.80	165	275676	47.372	ng	92
58) Fluorene	15.47	166	882273	44.139	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	279815	49.549	ng	96
60) Diethylphthalate	15.24	149	848616	41.425	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	484669	42.794	ng	96
62) 4-Nitroaniline	15.52	138	174171	39.706	ng	88
63) Azobenzene	15.76	77	968922	40.092	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	75596	28.470	ng	92
66) n-Nitrosodiphenylamine	15.69	169	769076	43.690	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	308692	42.081	ng	94
68) Hexachlorobenzene	16.47	284	357919	42.400	ng	95
69) Atrazine	16.64	200	285949	41.567	ng	99
70) Pentachlorophenol	16.82	266	483190	100.041	ng	97
71) Phenanthrene	17.22	178	1454534	44.047	ng	99
72) Anthracene	17.30	178	1495745	45.303	ng	100
73) Carbazole	17.58	167	1304115	43.775	ng	99
74) Di-n-butylphthalate	18.13	149	1550767	43.255	ng	98
75) Fluoranthene	19.23	202	1792710	42.907	ng	100
77) Benzidine	19.43	184	683029	41.874	ng	99
78) Pyrene	19.59	202	1793687	52.363	ng	99
80) Butylbenzylphthalate	20.49	149	730024	58.605	ng	99
81) Benzo(a)anthracene	21.34	228	1513719	42.306	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	591252	43.295	ng	98
83) Chrysene	21.39	228	1470162	42.367	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1072345	55.477	ng	97
85) Di-n-octyl phthalate	22.14	149	1618269	50.371	ng	97
86) Indeno(1,2,3-cd)pyrene	25.98	276	1473823	35.707	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1363967	42.808	ng	100
89) Benzo(k)fluoranthene	23.00	252	1326391	45.636	ng	99
90) Benzo(a)pyrene	23.54	252	1283727	44.356	ng	98
91) Dibenzo(a,h)anthracene	25.99	278	1262131	41.934	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1209216	42.317	ng	99

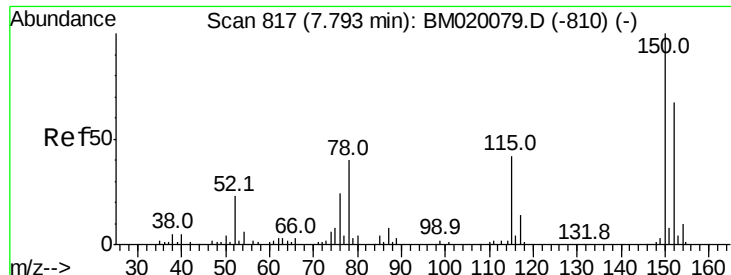
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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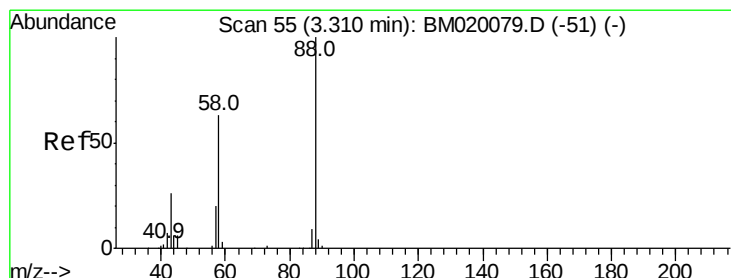
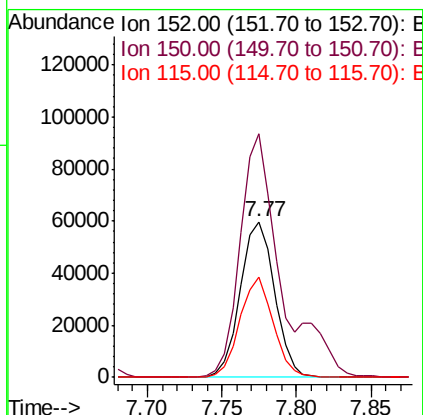
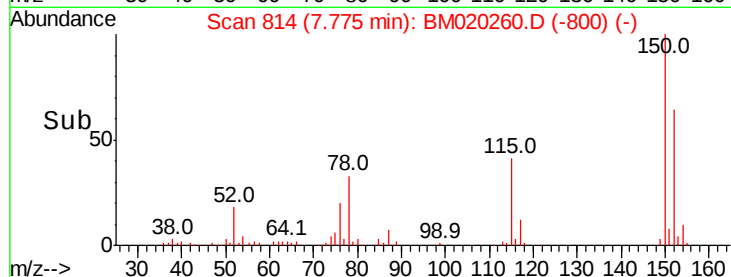
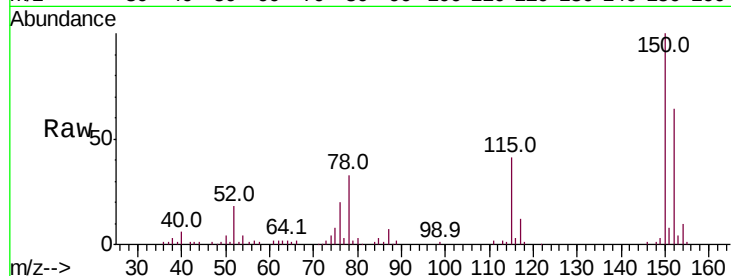


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
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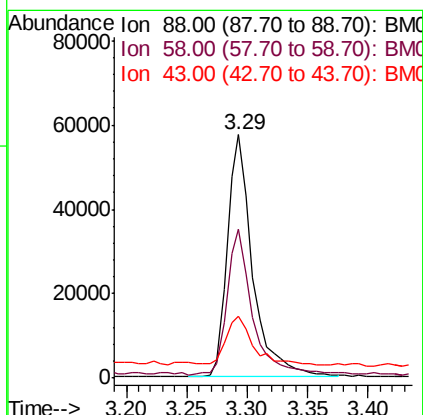
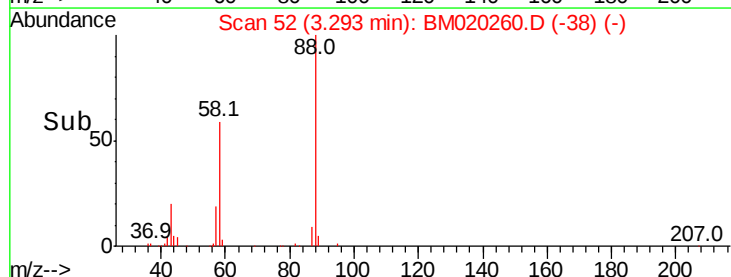
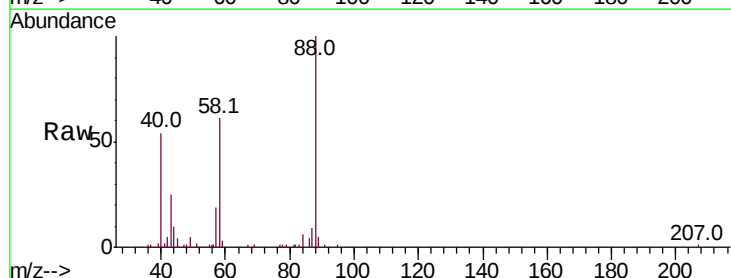
Tot Ion:152 Resp: 95292
Ion Ratio Lower Upper
152 100
150 156.3 119.8 179.8
115 64.2 50.8 76.2

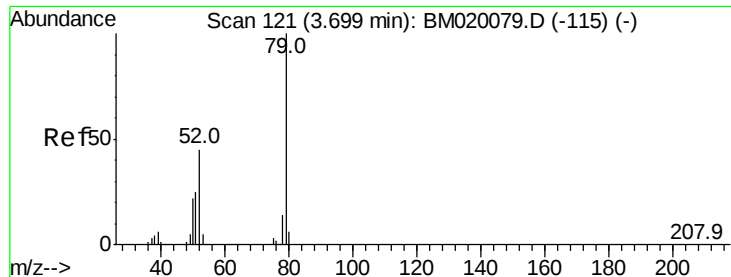


#2

1,4-Dioxane
Concen: 29.011 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion: 88 Resp: 82947
Ion Ratio Lower Upper
88 100
58 60.3 51.8 77.6
43 22.3 20.3 30.5





#3

Pvridine

Concen: 31.560 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

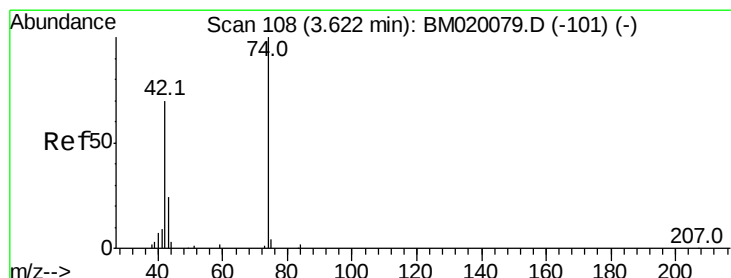
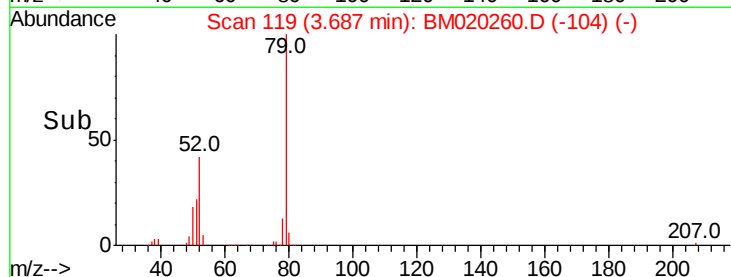
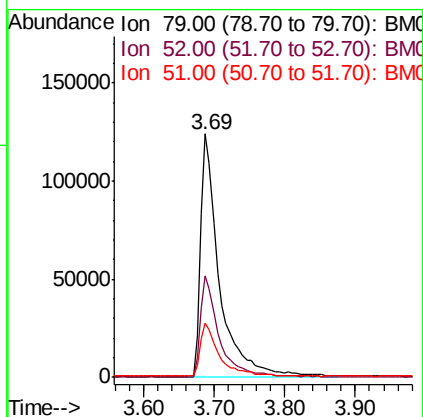
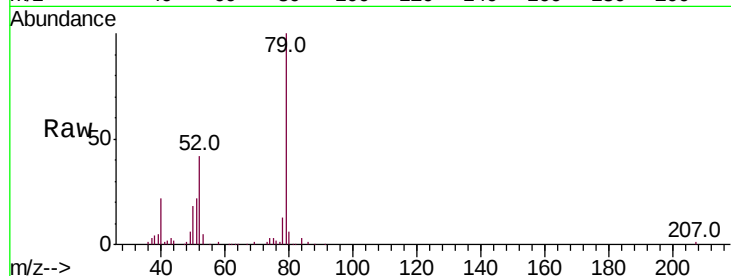
Tot Ion: 79 Resp: 230780

Ion Ratio Lower Upper

79 100

52 41.9 35.7 53.5

51 22.3 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 35.660 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

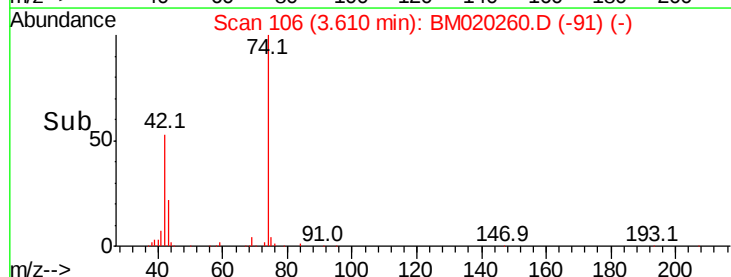
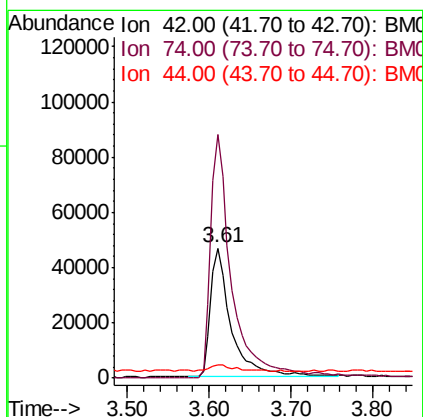
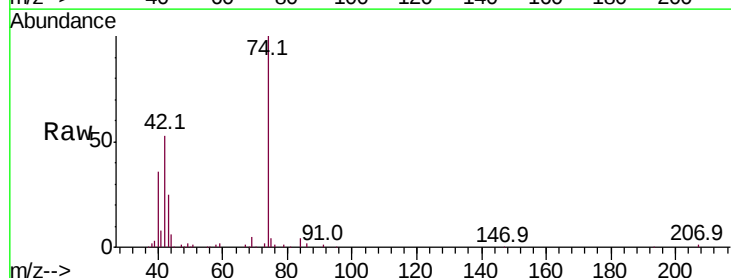
Tgt Ion: 42 Resp: 83618

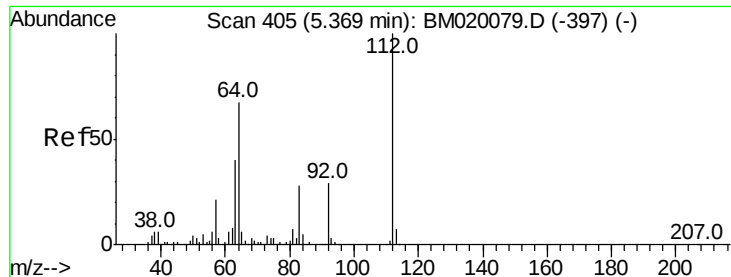
Ion Ratio Lower Upper

42 100

74 187.3 113.7 170.5#

44 10.6 3.9 5.9#





#5

2-Fluorophenol

Concen: 132.583 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

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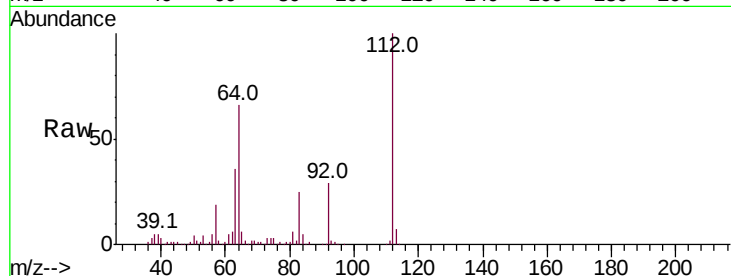
Tot Ion:112 Resp: 772922

Ion Ratio Lower Upper

112 100

64 66.2 53.8 80.6

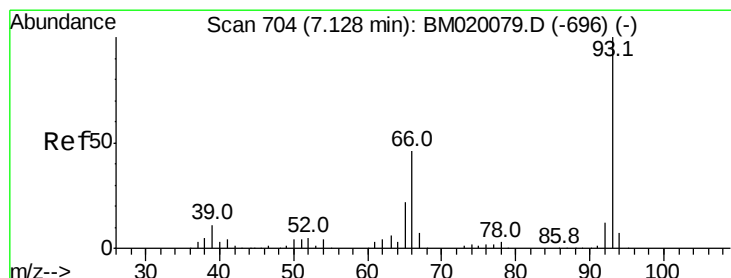
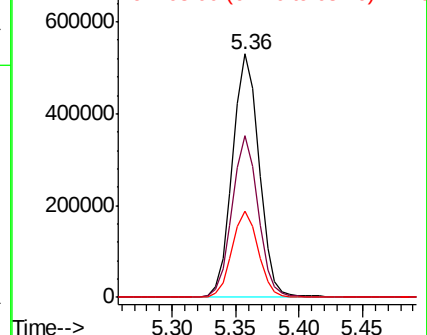
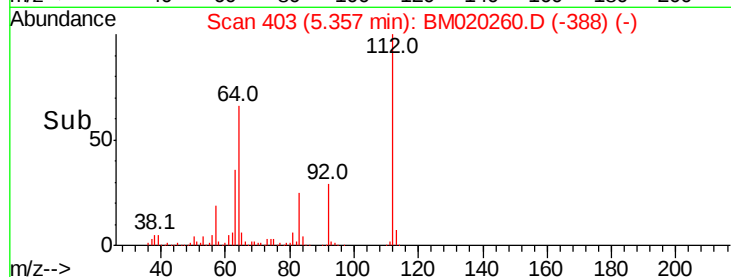
63 35.5 32.3 48.5



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: 30.620 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

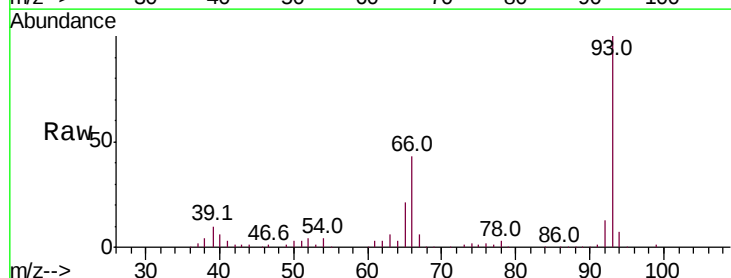
Tgt Ion: 93 Resp: 306977

Ion Ratio Lower Upper

93 100

66 43.0 36.6 54.8

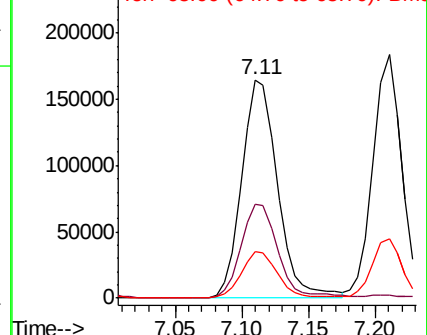
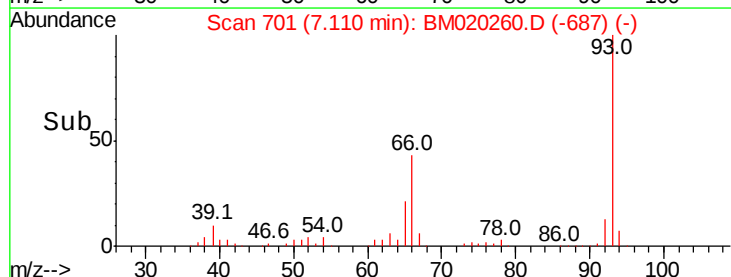
65 21.3 17.8 26.6

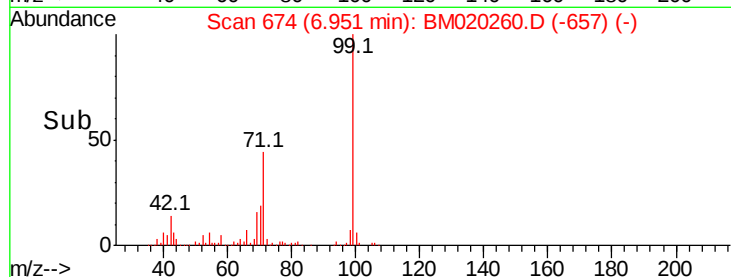
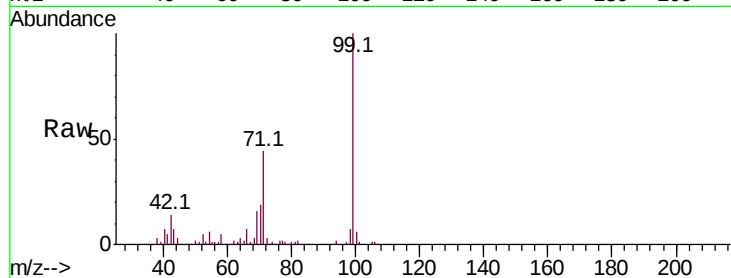
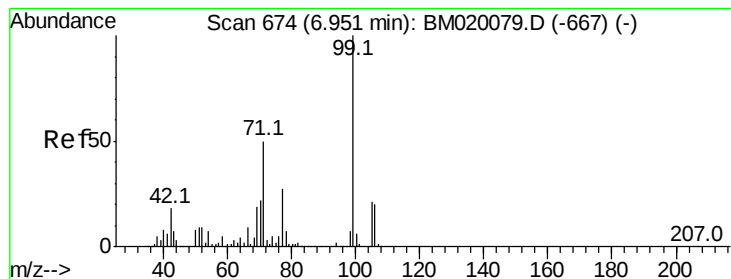


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 136.974 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

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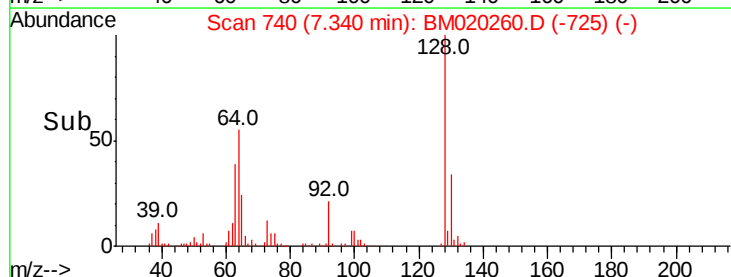
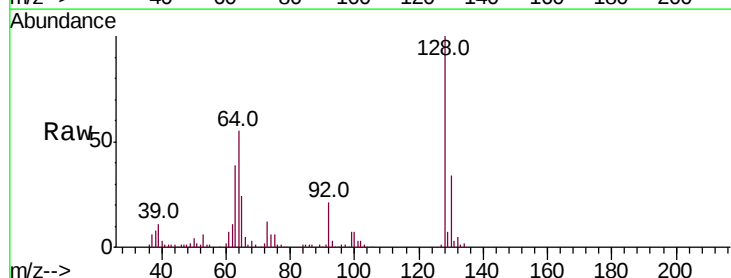
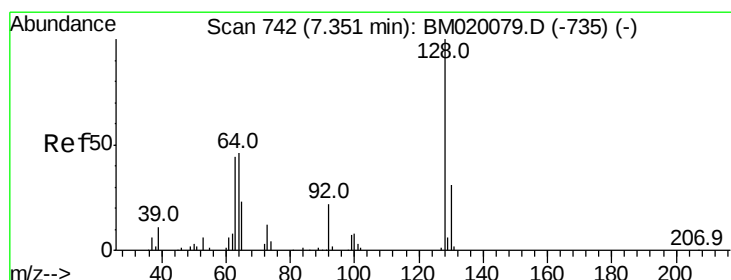
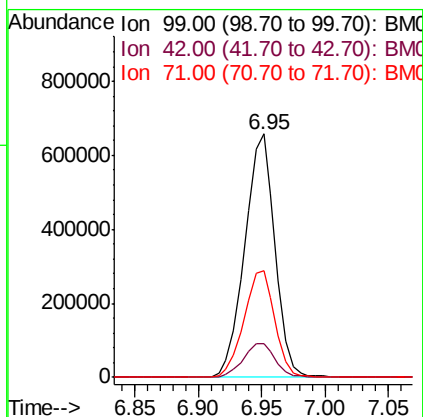
Tot Ion: 99 Resp: 1090890

Ion Ratio Lower Upper

99 100

42 13.9 14.2 21.2#

71 43.6 40.3 60.5



#8

2-Chlorophenol

Concen: 43.135 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

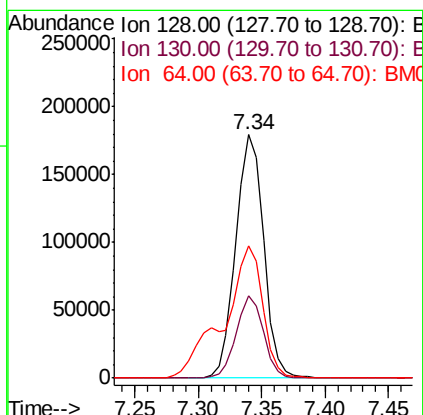
Tgt Ion: 128 Resp: 273805

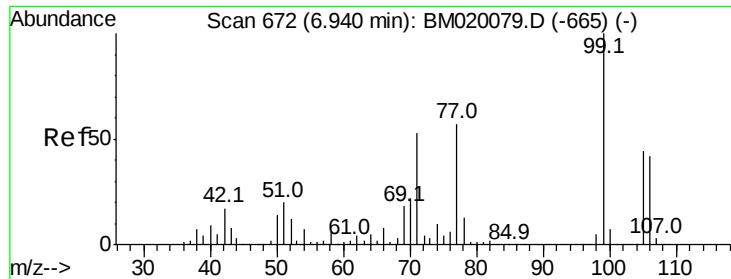
Ion Ratio Lower Upper

128 100

130 33.6 10.8 50.8

64 54.6 36.5 76.5





#9

Benzaldehyde

Concen: 25.842 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

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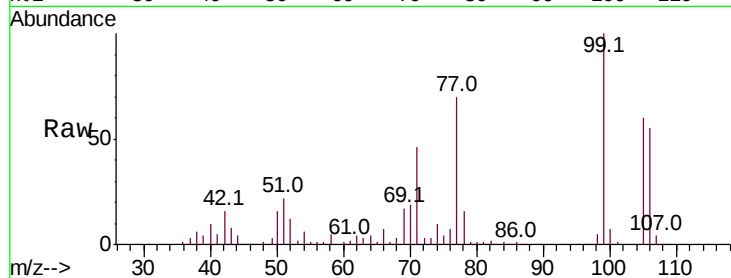
Tot Ion: 77 Resp: 155772

Ion Ratio Lower Upper

77 100

105 85.6 57.8 97.8

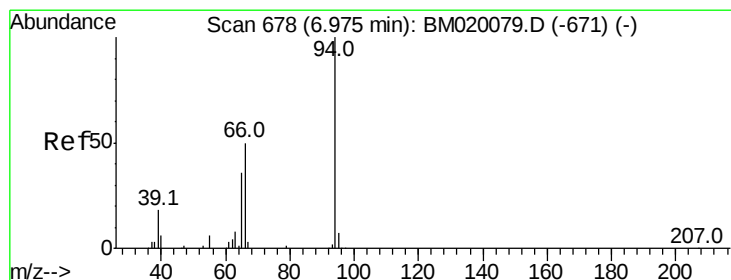
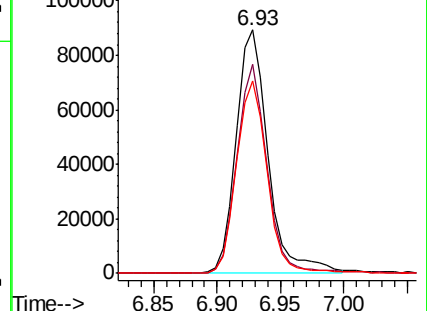
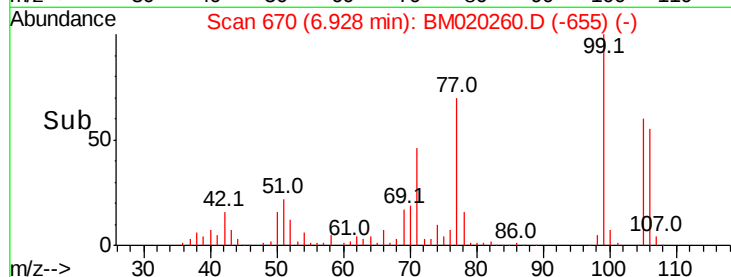
106 79.0 53.6 93.6



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

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

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



#10

Phenol

Concen: 44.600 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.00 min

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Acq: 11 May 2019 03:54

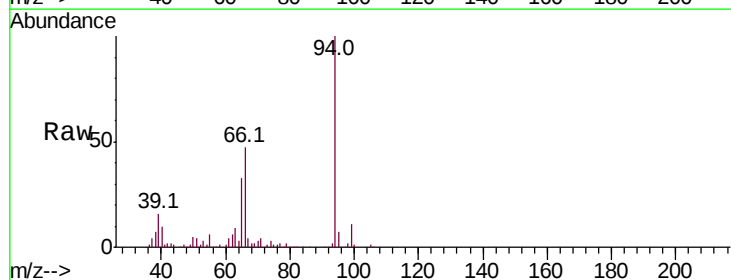
Tgt Ion: 94 Resp: 382391

Ion Ratio Lower Upper

94 100

65 33.3 17.0 57.0

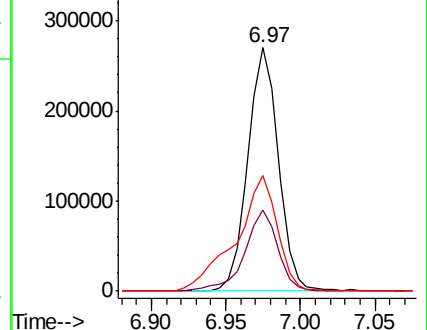
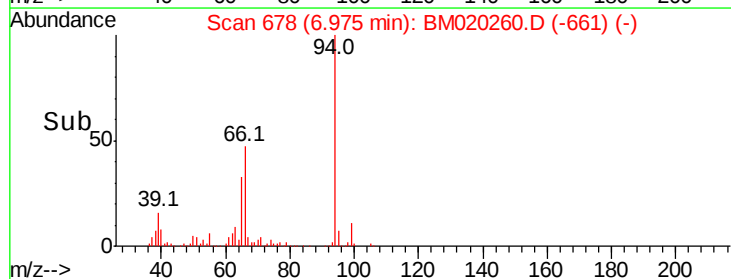
66 47.4 34.5 74.5

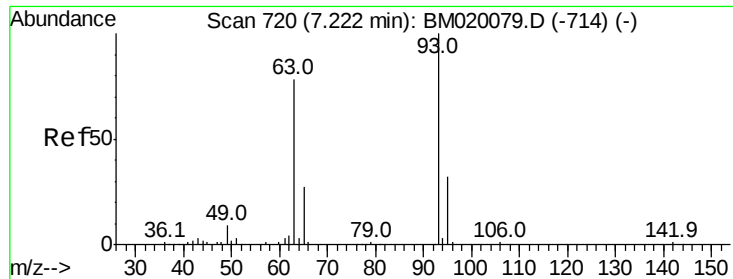


Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

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

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

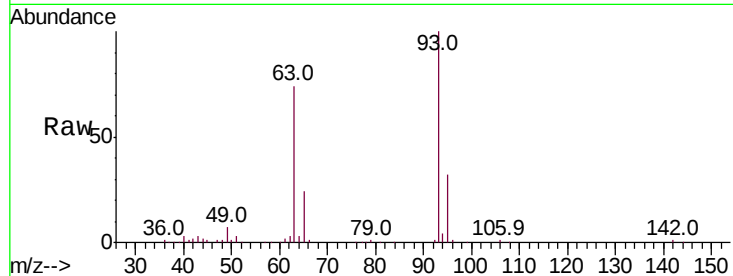




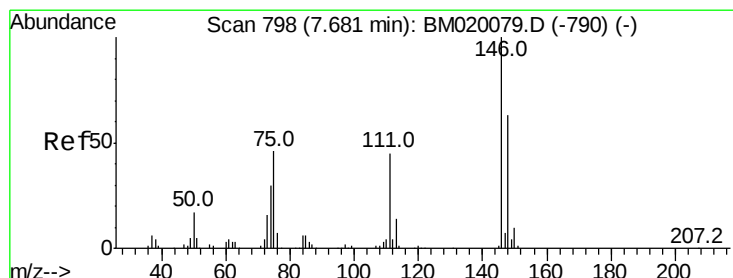
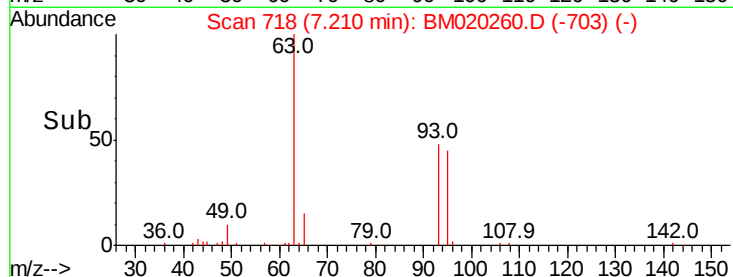
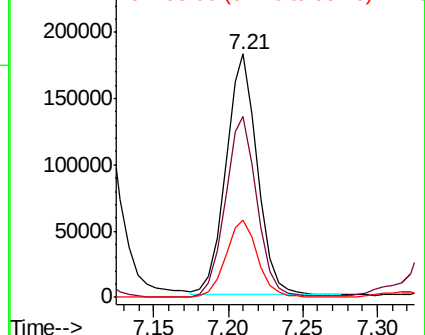
#11
bis(2-Chloroethyl)ether
Concen: 42.750 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion: 93 Resp: 266398
Ion Ratio Lower Upper
93 100
63 74.4 57.9 97.9
95 31.9 11.3 51.3

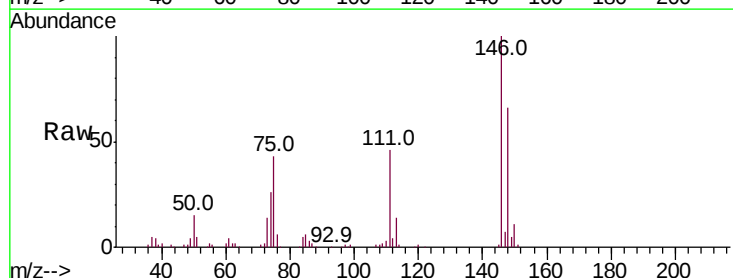


Abundance Ion 93.00 (92.70 to 93.70): BM020079.D (-714) (-)
Ion 63.00 (62.70 to 63.70): BM020079.D (-714) (-)
Ion 95.00 (94.70 to 95.70): BM020079.D (-714) (-)

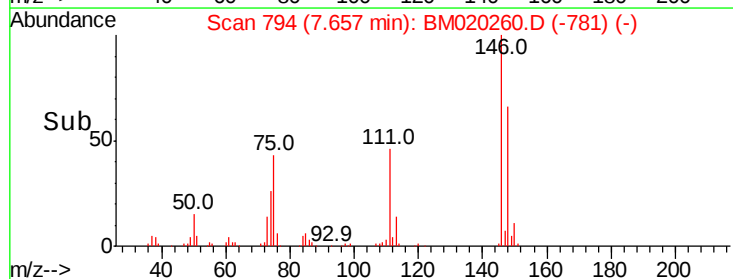
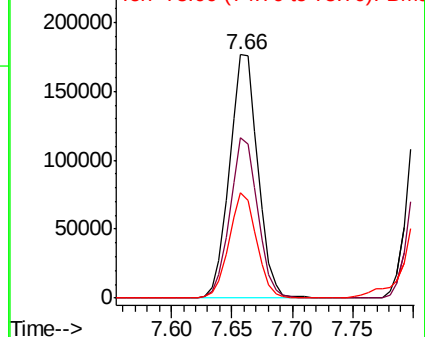


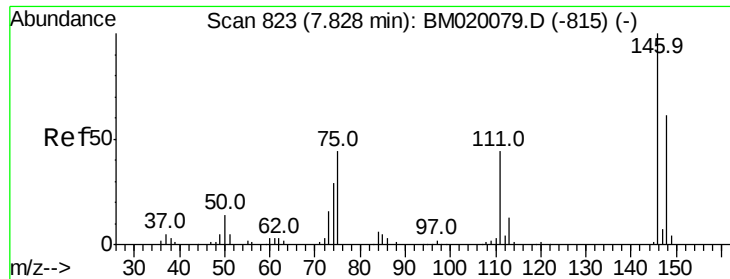
#12
1,3-Dichlorobenzene
Concen: 39.055 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion: 146 Resp: 288436
Ion Ratio Lower Upper
146 100
148 65.9 50.1 75.1
75 43.3 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) (-)

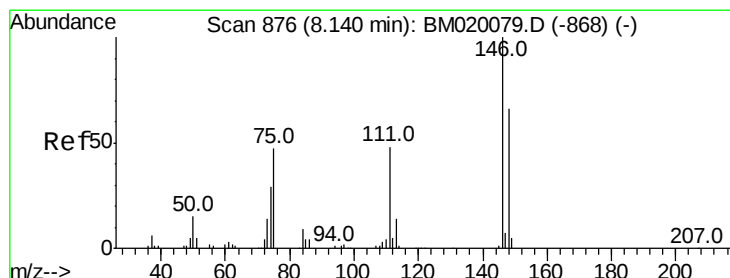
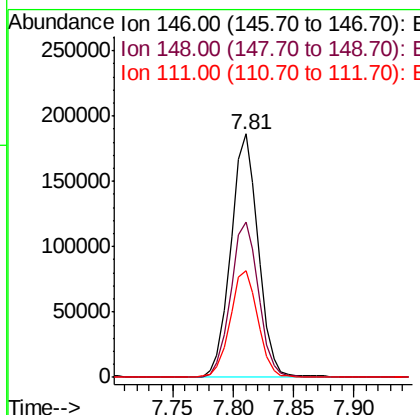
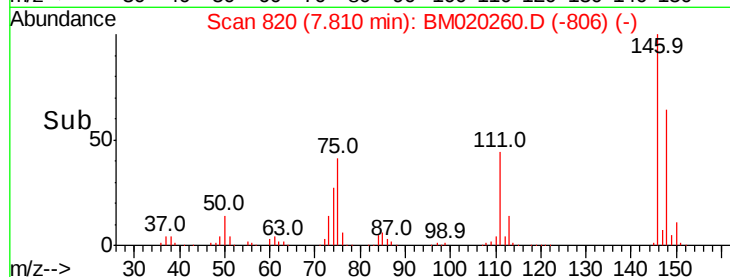
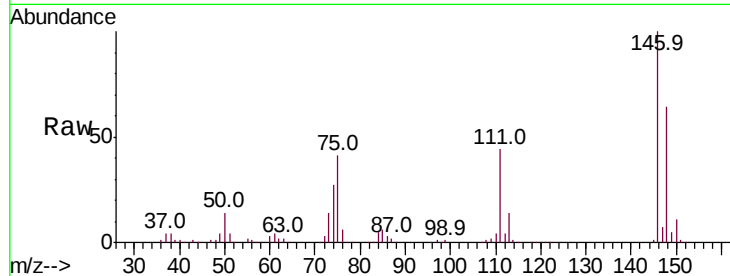




#13
 1,4-Dichlorobenzene
 Concen: 39.529 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

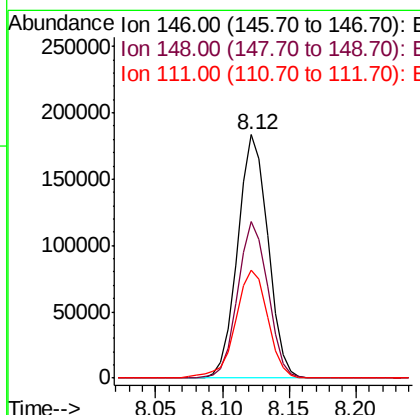
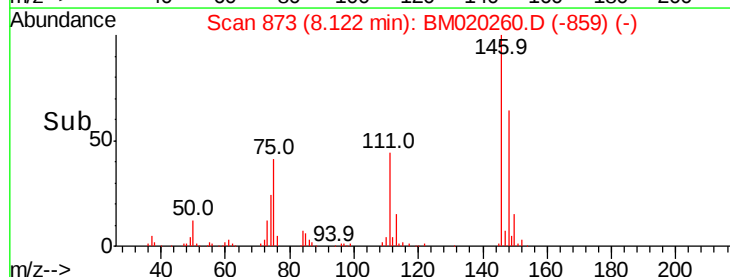
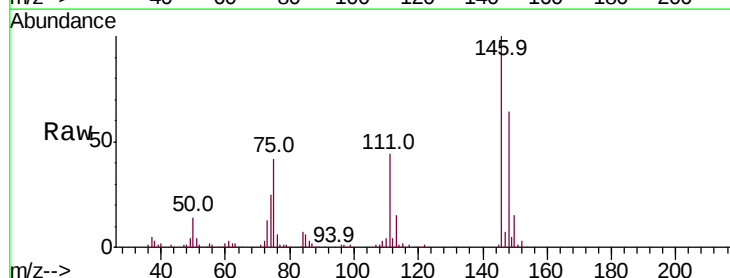
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

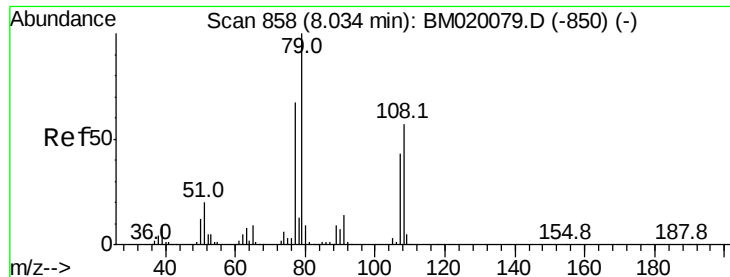
Tot Ion:146 Resp: 294913
 Ion Ratio Lower Upper
 146 100
 148 63.8 48.5 72.7
 111 43.8 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 40.533 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion:146 Resp: 288109
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.6 79.0
 111 44.4 39.0 58.4





#15

Benzyl Alcohol

Concen: 39.808 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

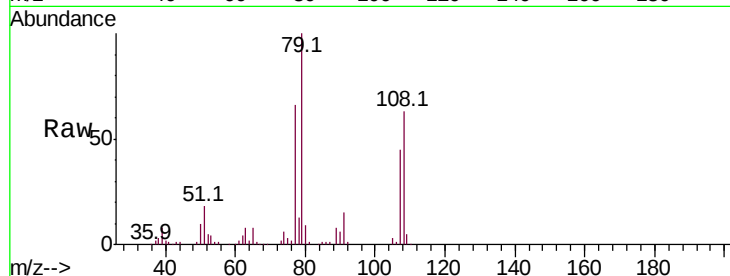
Tot Ion: 79 Resp: 305707

Ion Ratio Lower Upper

79 100

108 63.2 46.0 69.0

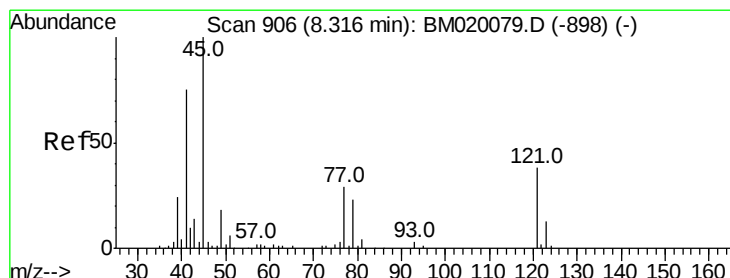
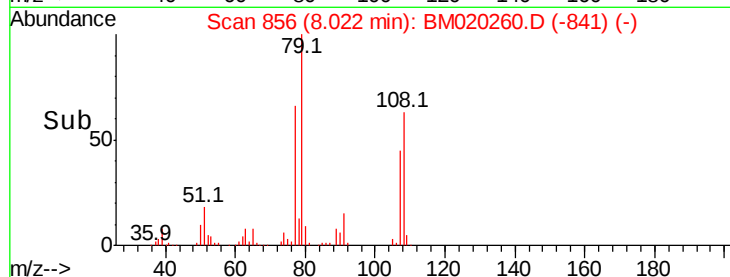
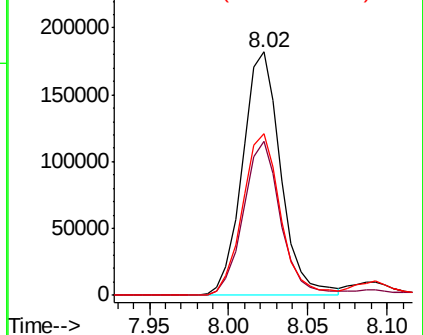
77 66.2 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-850) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.792 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

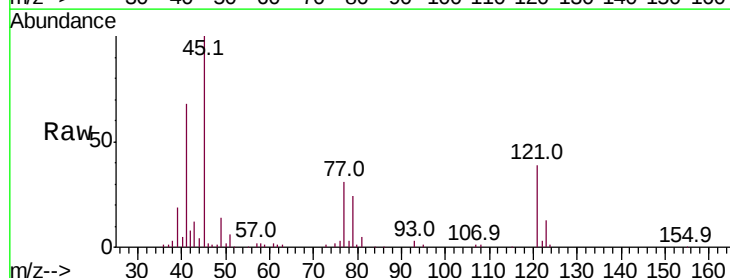
Tgt Ion: 45 Resp: 205614

Ion Ratio Lower Upper

45 100

77 30.9 10.5 50.5

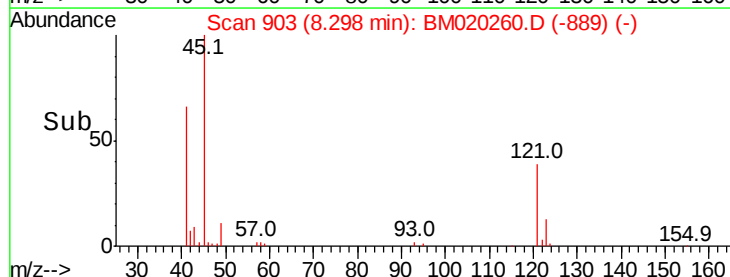
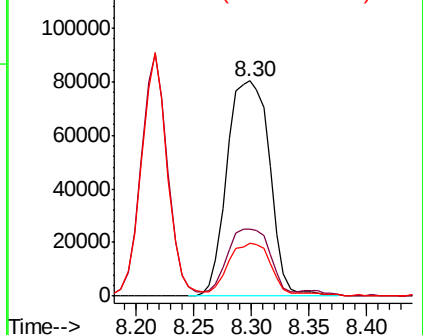
79 24.3 3.3 43.3

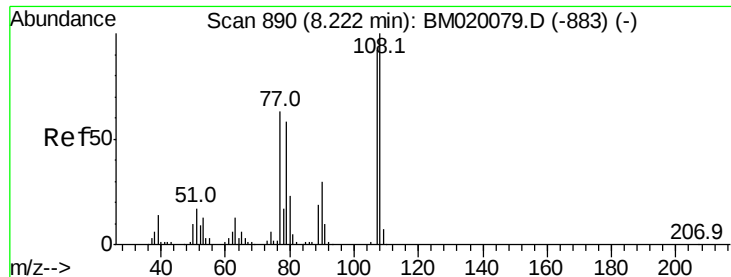


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)

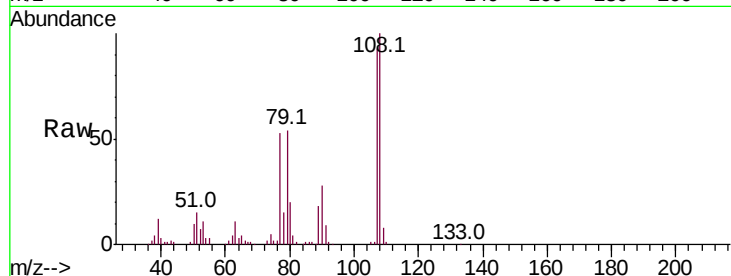




#17
2-Methylphenol
Concen: 44.785 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.3	87.0	130.4
77	57.1	54.7	82.1
79	57.5	50.1	75.1



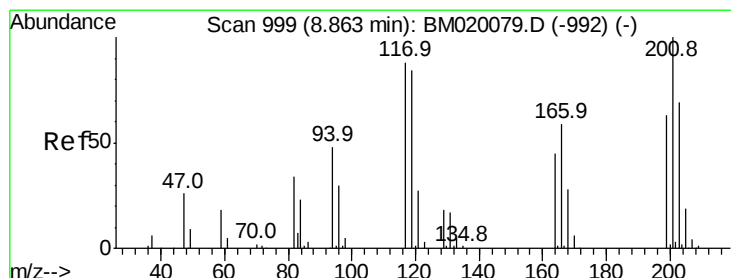
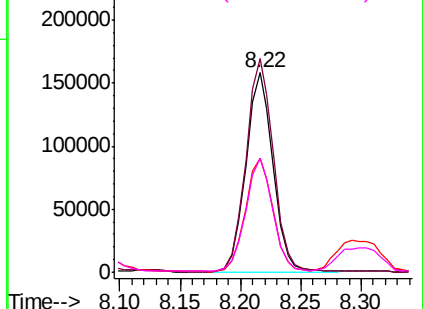
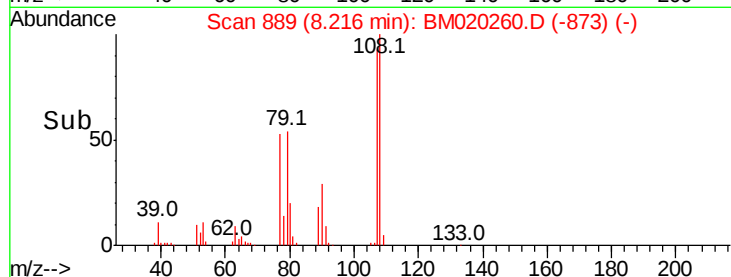
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

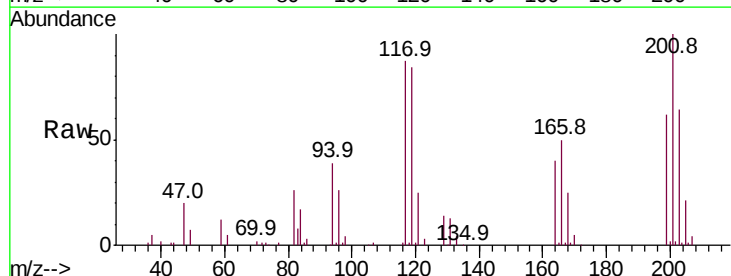
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 34.366 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	114.8
201	115.3	90.7	136.1

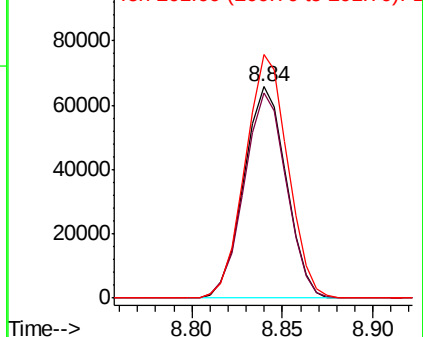
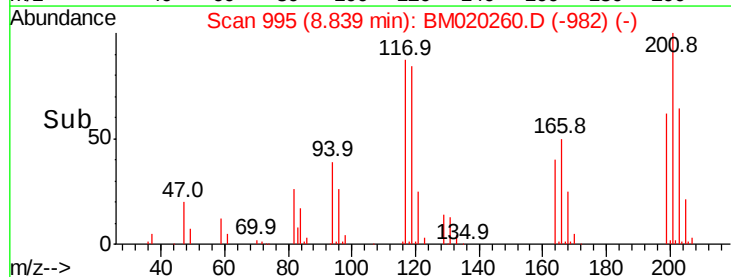


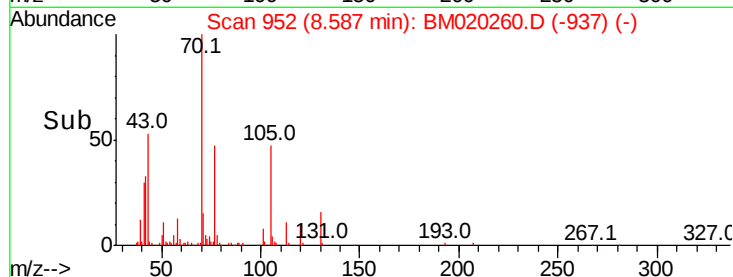
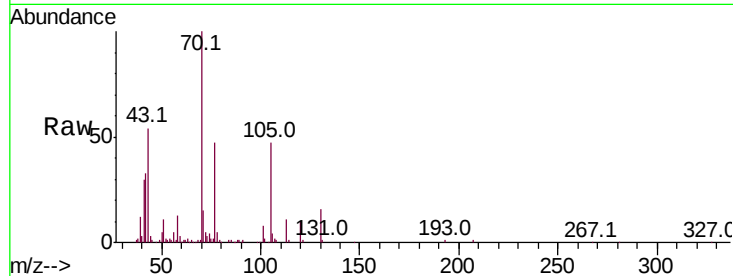
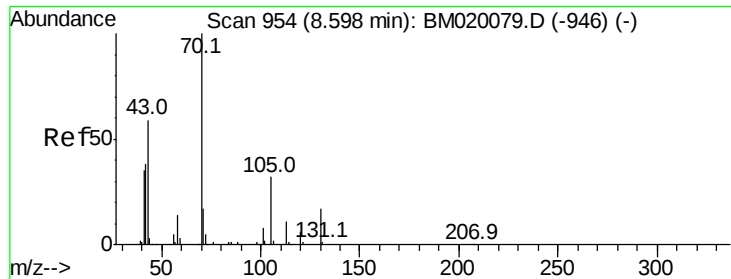
Abundance

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

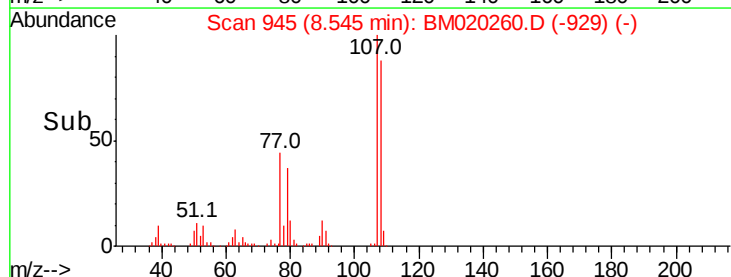
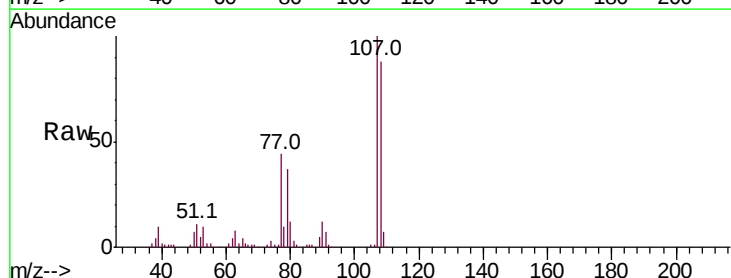
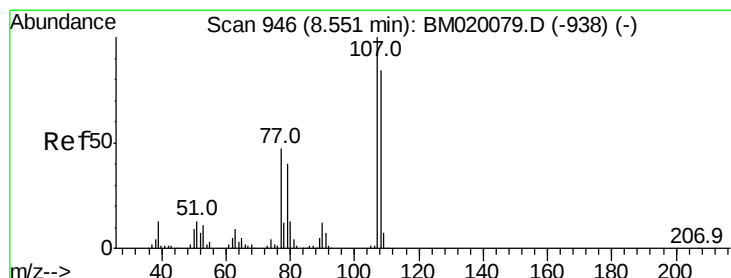
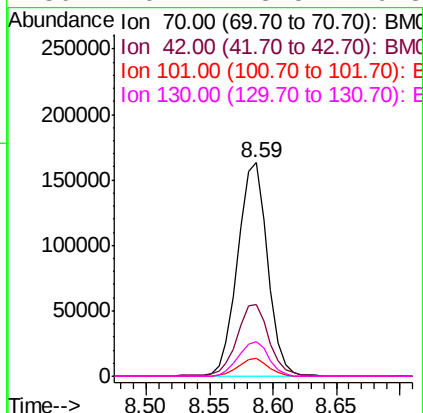




#19
n-Nitroso-di-n-propylamine
Concen: 39.193 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

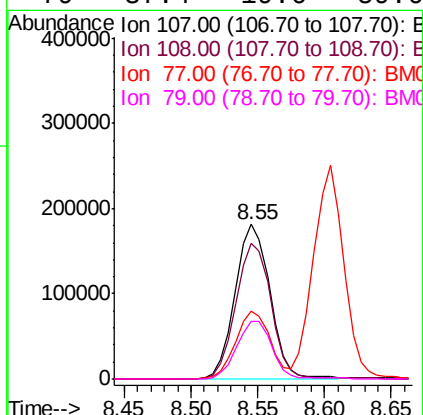
Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

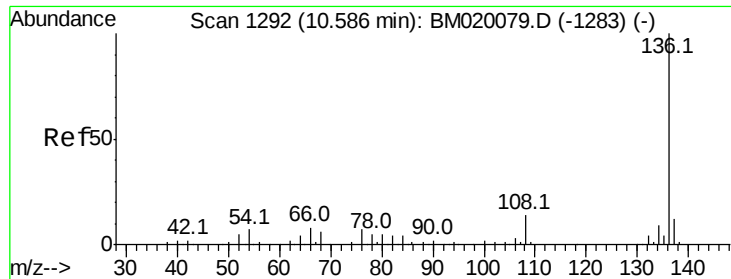
Tot Ion:	70	Resp:	267050
Ion	Ratio	Lower	Upper
70	100		
42	33.4	31.0	46.4
101	8.5	6.2	9.2
130	16.1	13.5	20.3



#20
3+4-Methylphenols
Concen: 45.025 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:	107	Resp:	330272
Ion	Ratio	Lower	Upper
107	100		
108	87.8	64.4	104.4
77	43.8	27.2	67.2
79	37.4	19.6	59.6

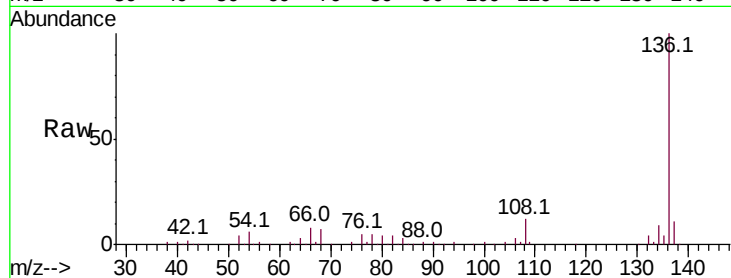




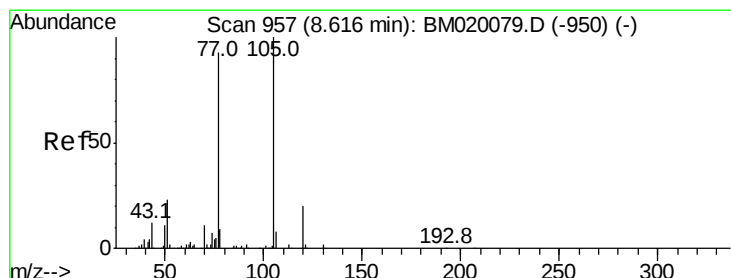
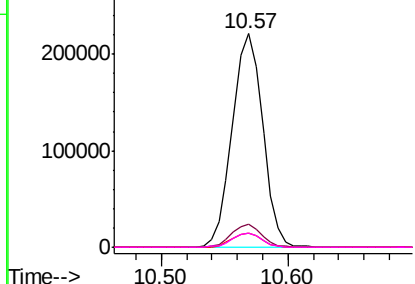
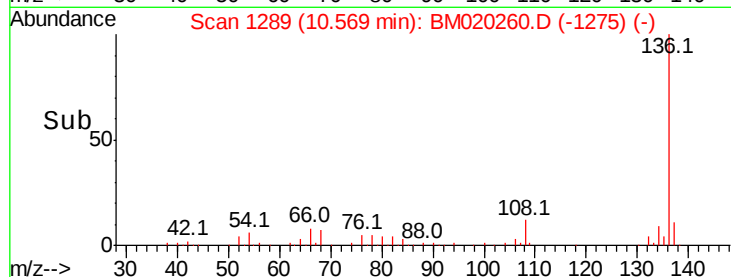
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:136	Resp:	369380
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.6 14.4
54	6.4	5.5 8.3
68	6.6	4.6 6.8

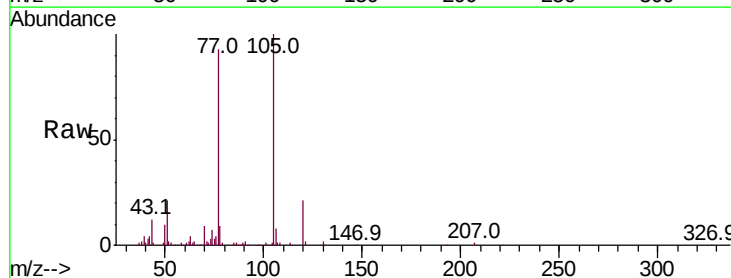


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

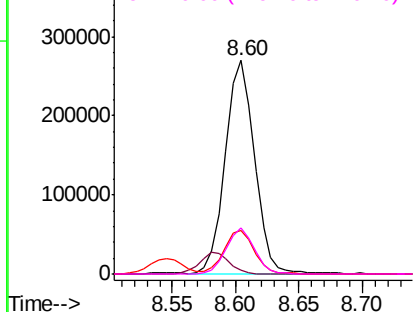
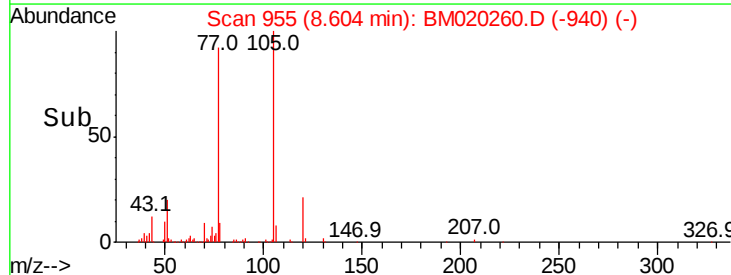


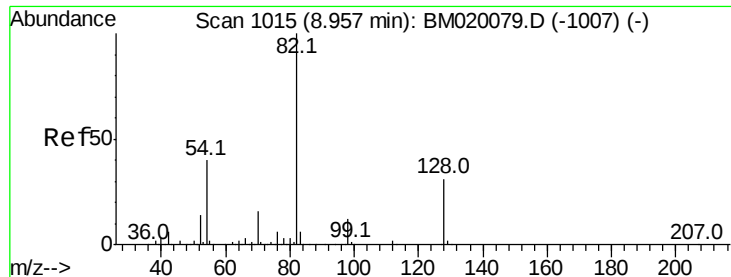
#22
Acetophenone
Concen: 42.460 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:105	Resp:	428645
Ion	Ratio	Lower Upper
105	100	
71	1.6	2.2 3.2#
51	20.5	19.3 28.9
120	21.3	16.2 24.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

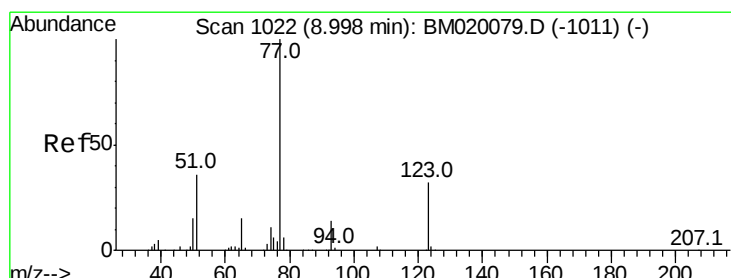
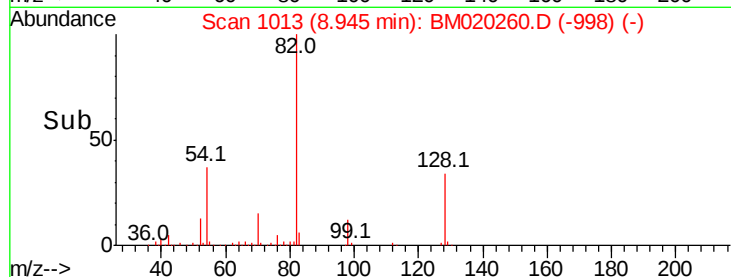
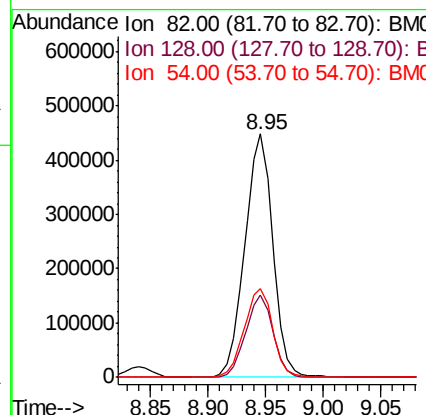
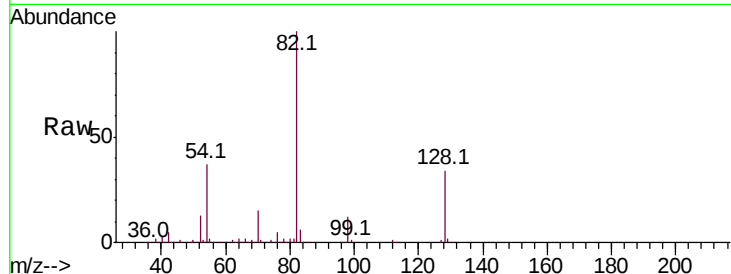




#23
Nitrobenzene-d5
Concen: 80.603 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

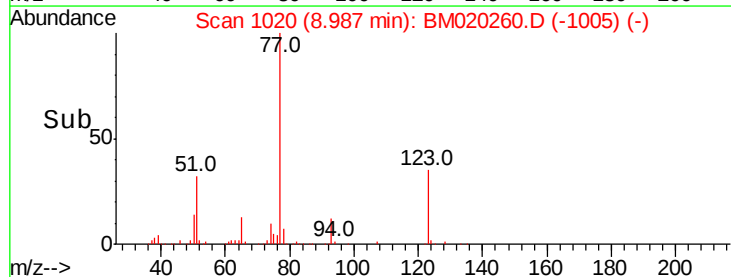
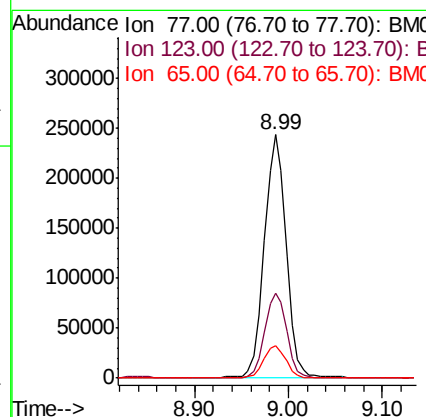
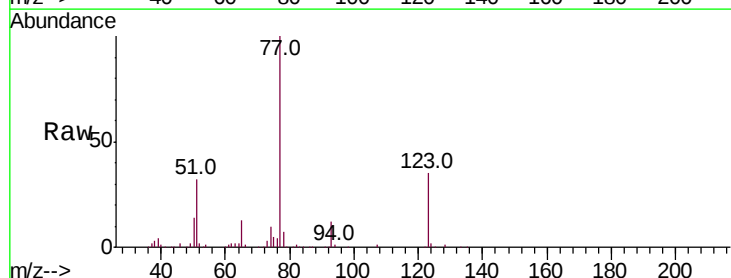
Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

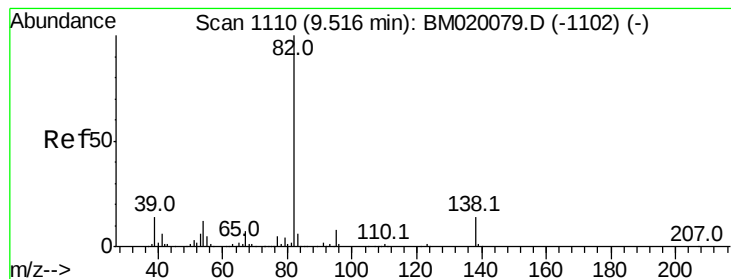
Tot Ion	82	Resp	754128
Ion Ratio	100	Lower	Upper
128	33.9	25.2	37.8
54	36.6	31.9	47.9



#24
Nitrobenzene
Concen: 40.523 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	77	Resp	393102
Ion Ratio	100	Lower	Upper
123	35.0	25.5	38.3
65	13.3	11.8	17.6





#25

Isophorone

Concen: 42.431 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

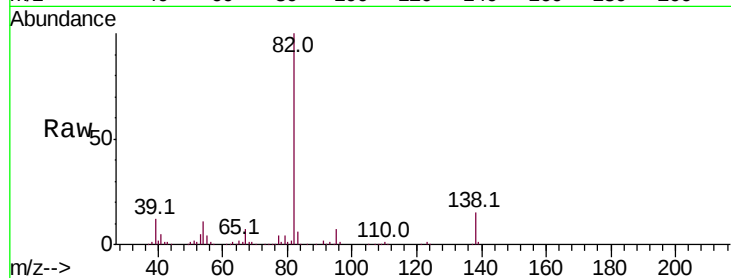
Tot Ion: 82 Resp: 684603

Ion Ratio Lower Upper

82 100

95 7.1 6.4 9.6

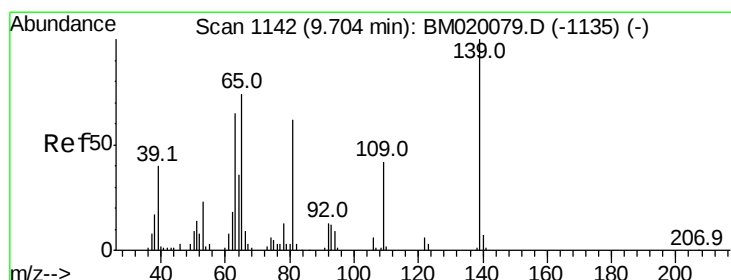
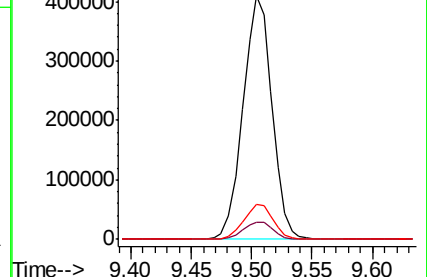
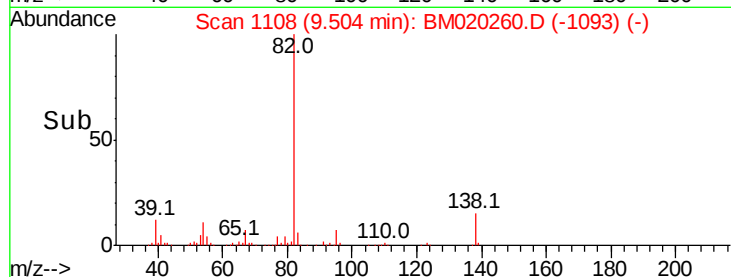
138 14.6 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020260.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020260.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020260.D (-1102) (-)



#26

2-Nitrophenol

Concen: 51.631 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

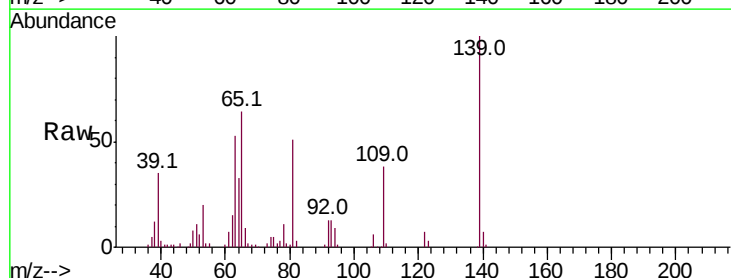
Tgt Ion: 139 Resp: 151210

Ion Ratio Lower Upper

139 100

109 37.9 33.7 50.5

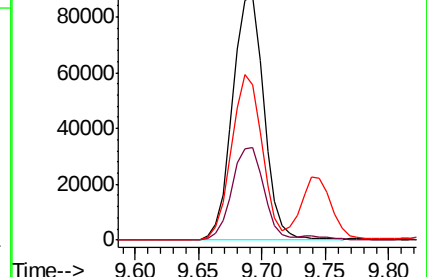
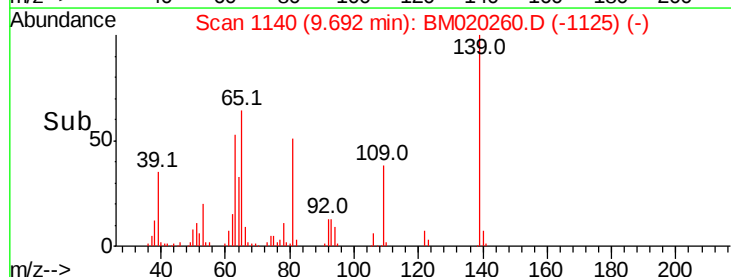
65 63.9 59.5 89.3

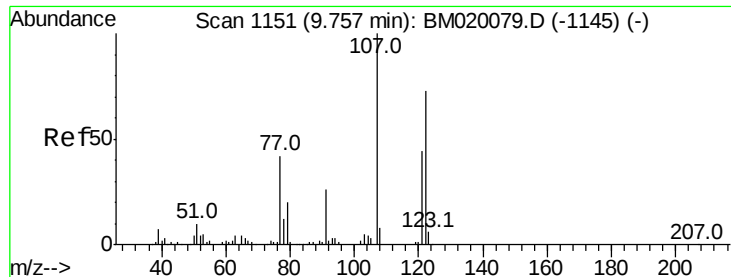


Abundance Ion 139.00 (138.70 to 139.70): BM020260.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020260.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020260.D (-1135) (-)





#27

2,4-Dimethylphenol

Concen: 51.122 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

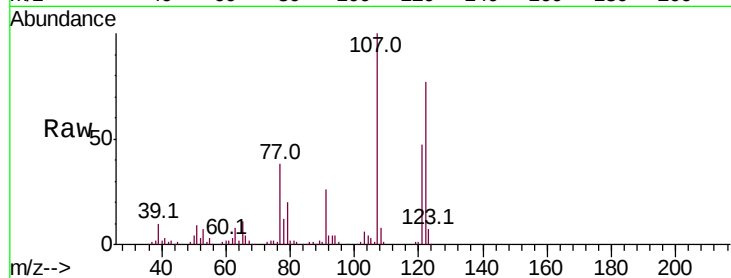
Tot Ion:122 Resp: 249261

Ion Ratio Lower Upper

122 100

107 130.2 108.6 162.8

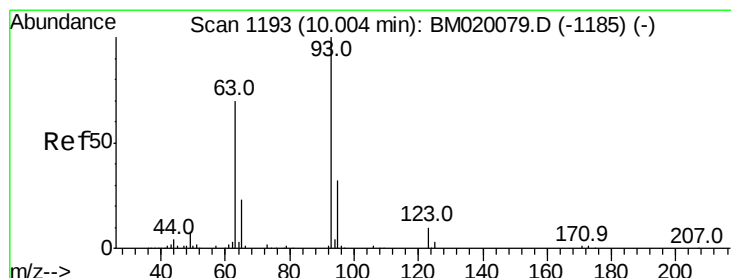
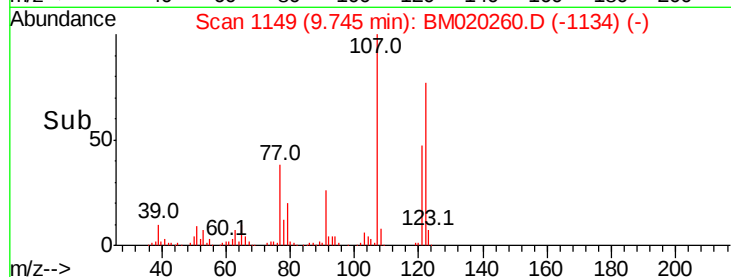
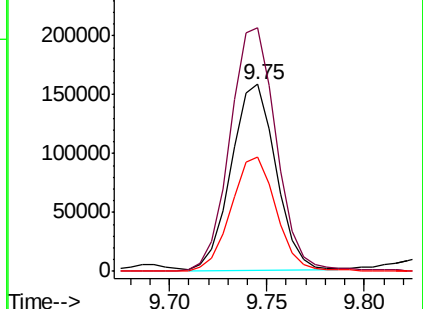
121 61.2 47.4 71.2



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: 42.258 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

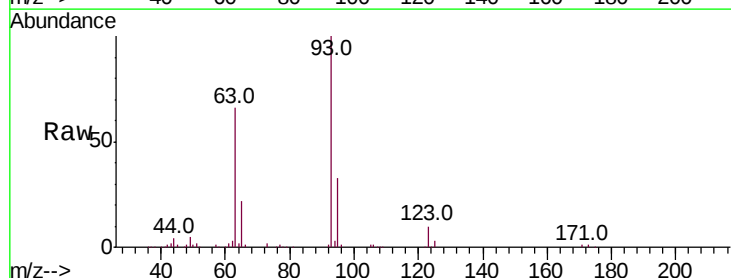
Tgt Ion: 93 Resp: 371335

Ion Ratio Lower Upper

93 100

95 33.1 25.5 38.3

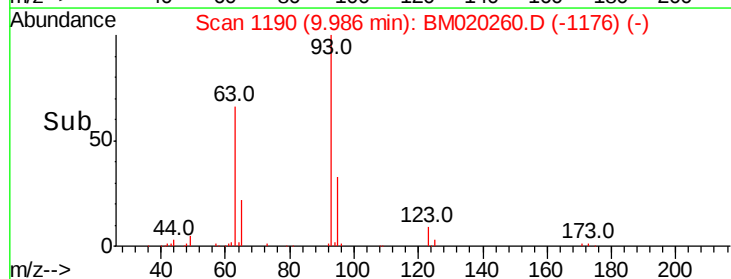
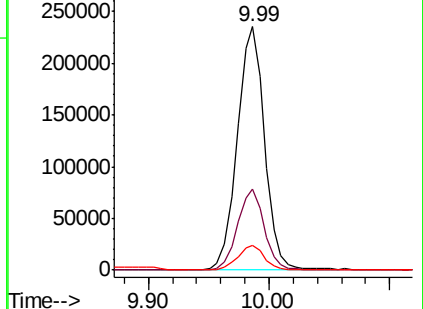
123 10.3 7.6 11.4

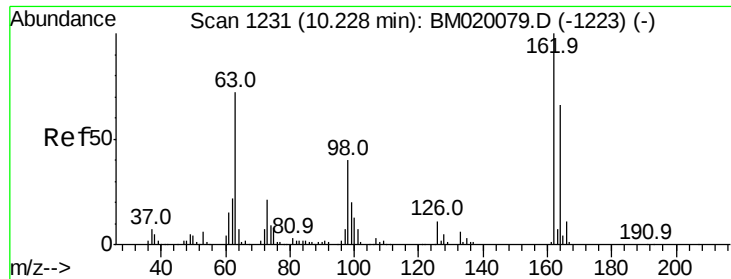


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

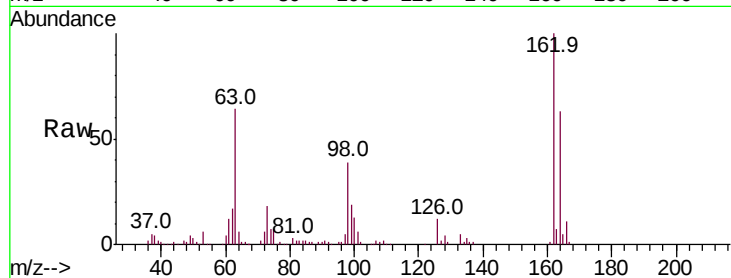




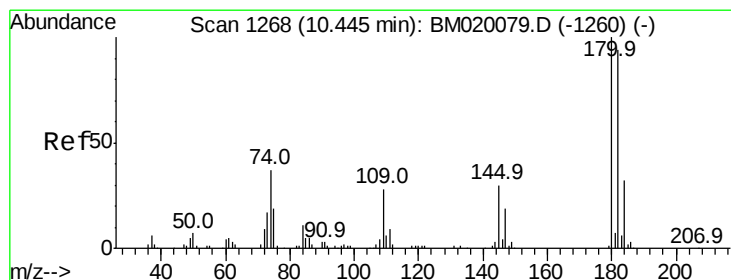
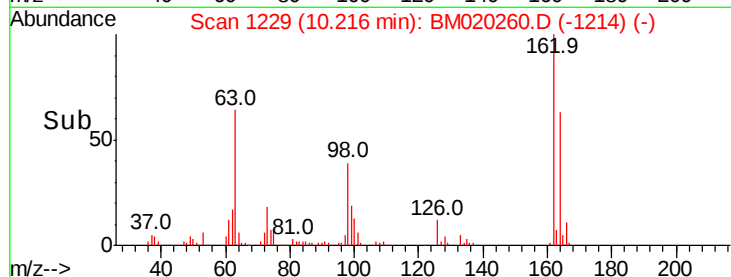
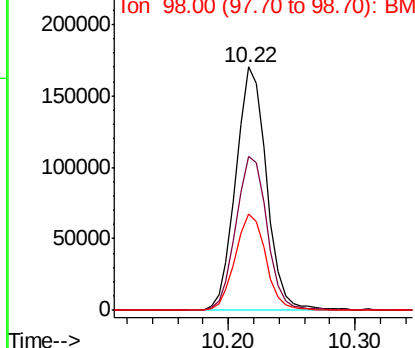
#29
2,4-Dichlorophenol
Concen: 46.563 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:162 Resp: 286275
Ion Ratio Lower Upper
162 100
164 63.1 45.6 85.6
98 39.5 20.4 60.4

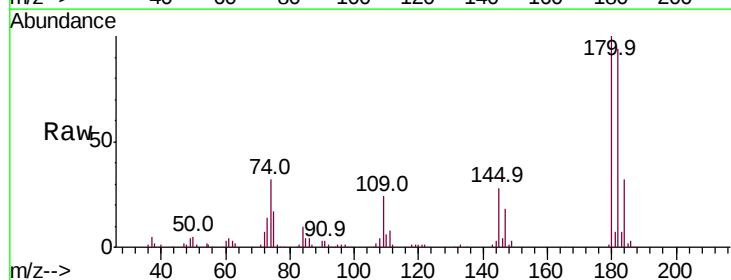


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

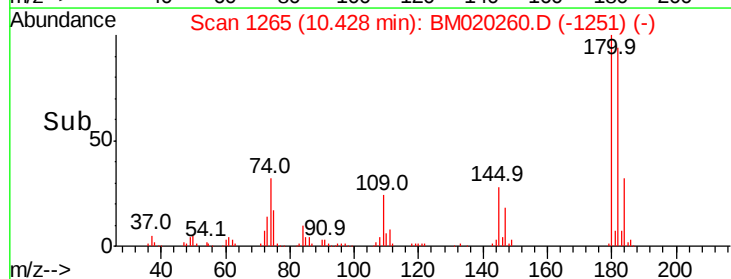
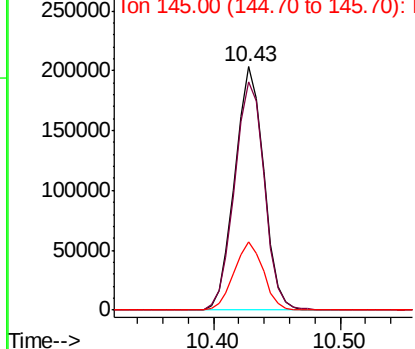


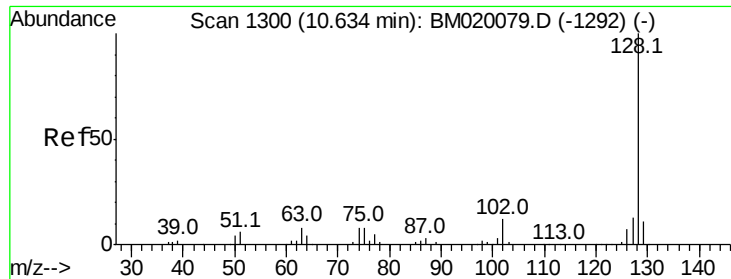
#30
1,2,4-Trichlorobenzene
Concen: 42.660 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:180 Resp: 322724
Ion Ratio Lower Upper
180 100
182 94.0 75.4 113.0
145 27.8 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

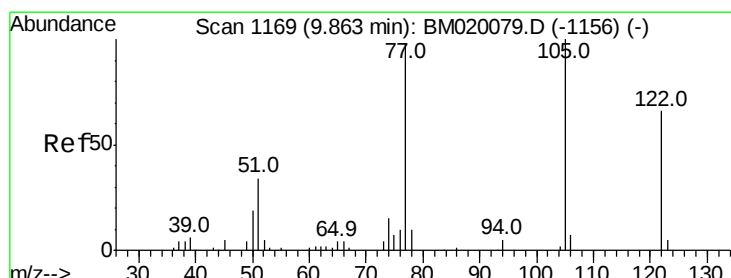
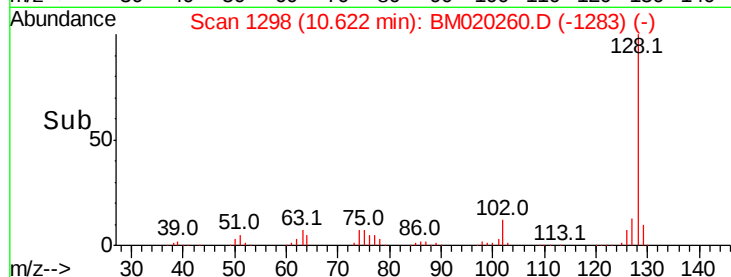
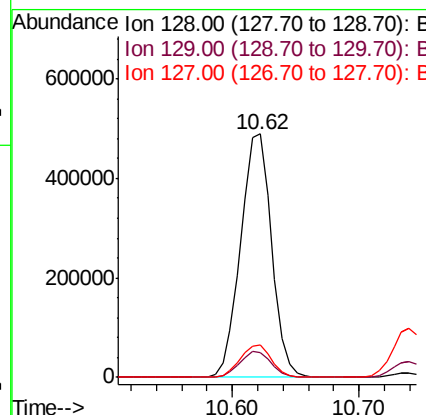
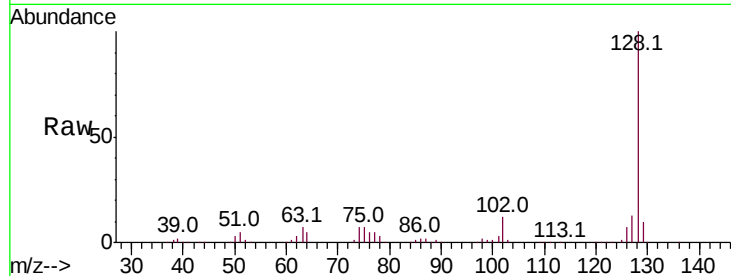




#31
Naphthalene
Concen: 43.302 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

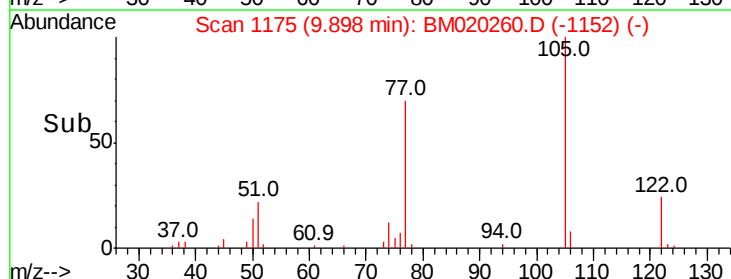
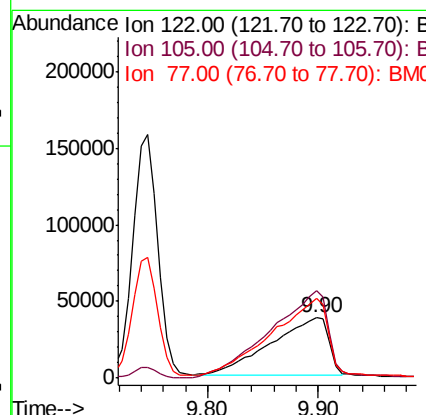
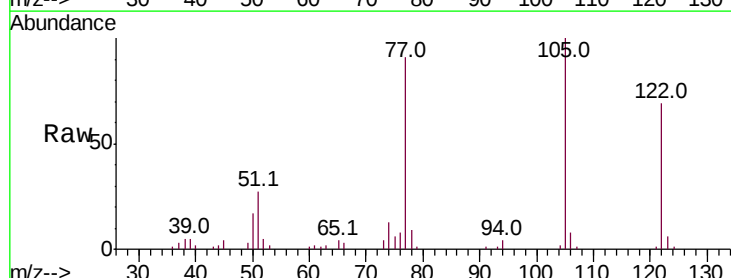
Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

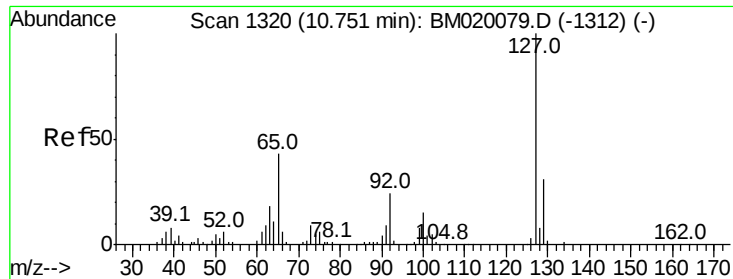
Tot Ion:128 Resp: 830034
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 40.015 ng
RT: 9.90 min Scan# 1175
Delta R.T. 0.04 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:122 Resp: 134394
Ion Ratio Lower Upper
122 100
105 145.2 122.5 162.5
77 132.7 123.3 163.3

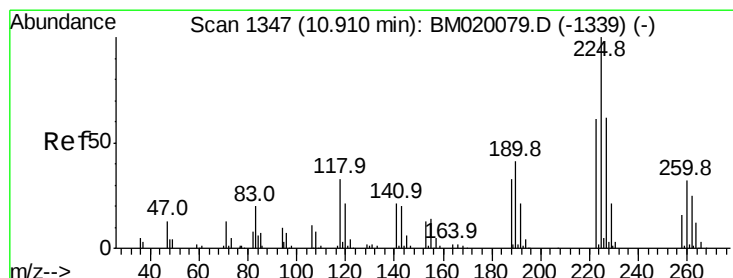
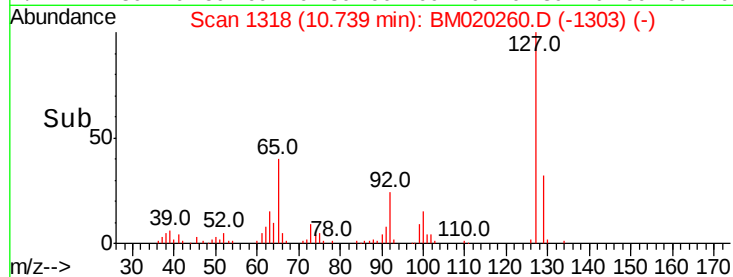
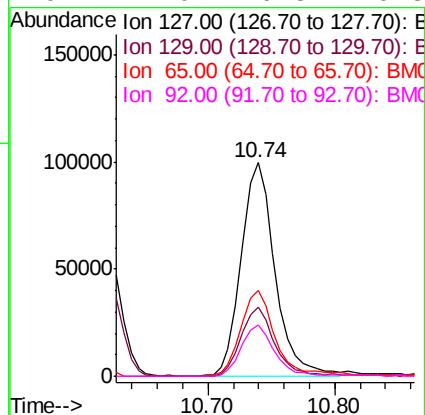
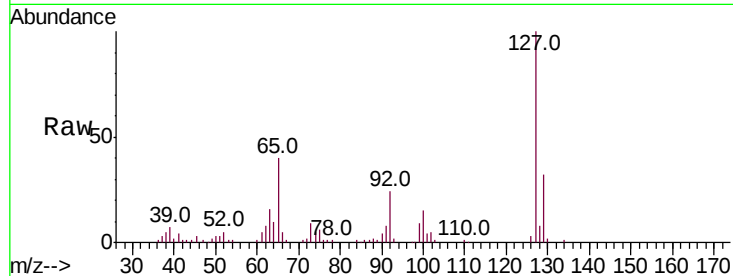




#33
4-Chloroaniline
Concen: 23.508 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

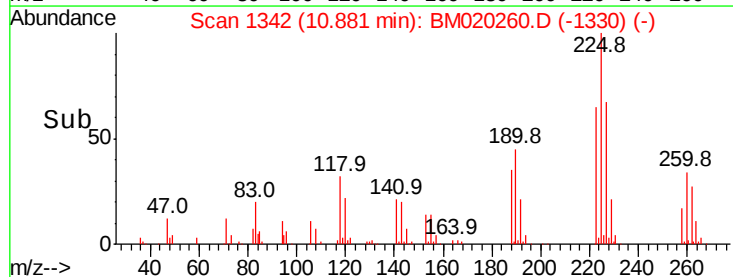
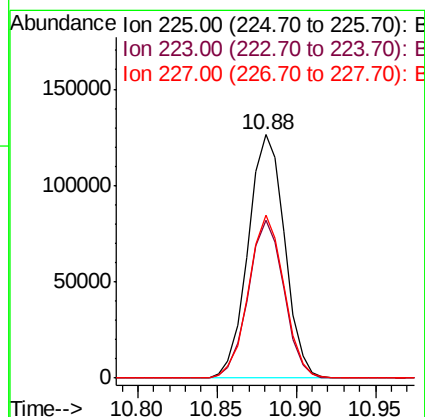
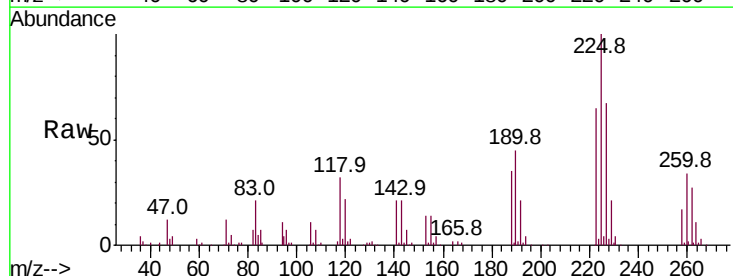
Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

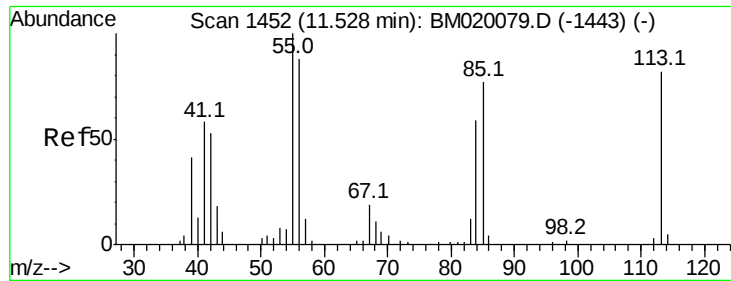
Tot Ion:	127	Resp:	185466
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.7	37.1
65	40.0	34.6	52.0
92	24.0	19.5	29.3



#34
Hexachlorobutadiene
Concen: 37.887 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:	225	Resp:	202753
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.9	73.3
227	66.9	49.6	74.4





#35

Caprolactam

Concen: 24.536 ng

RT: 11.56 min Scan# 1457

Delta R.T. 0.03 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

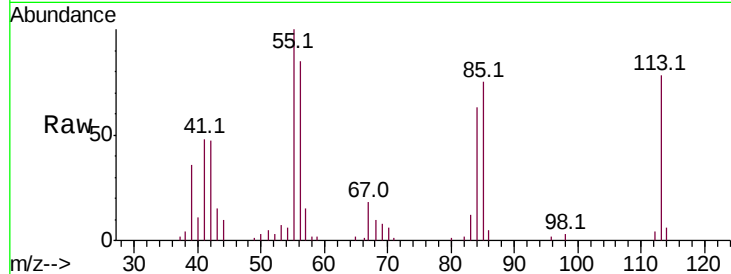
Tot Ion:113 Resp: 45106

Ion Ratio Lower Upper

113 100

55 127.6 102.5 142.5

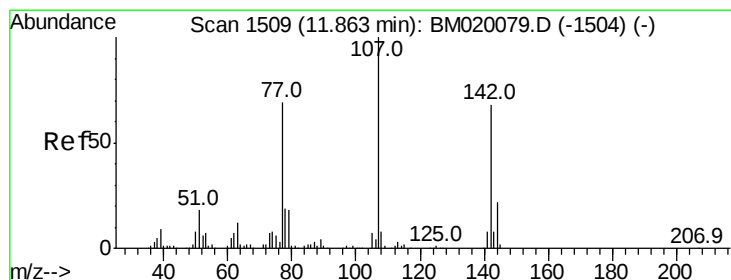
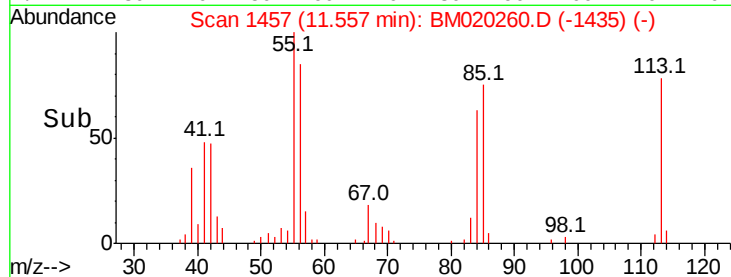
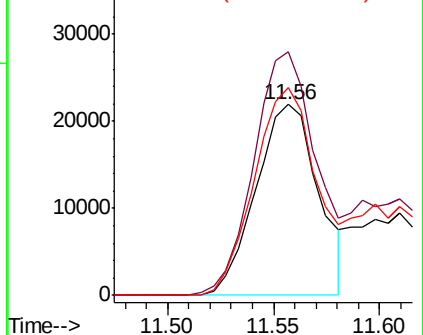
56 108.7 87.7 127.7



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: 44.712 ng

RT: 11.86 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

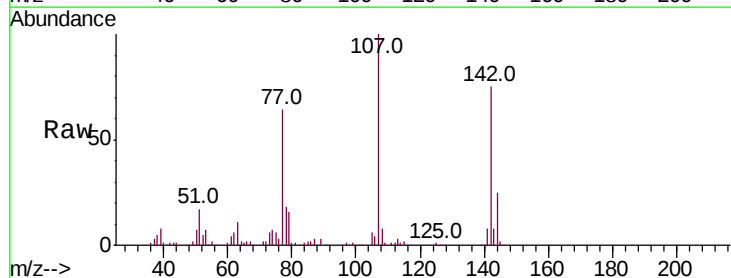
Tgt Ion:107 Resp: 323045

Ion Ratio Lower Upper

107 100

144 24.6 17.6 26.4

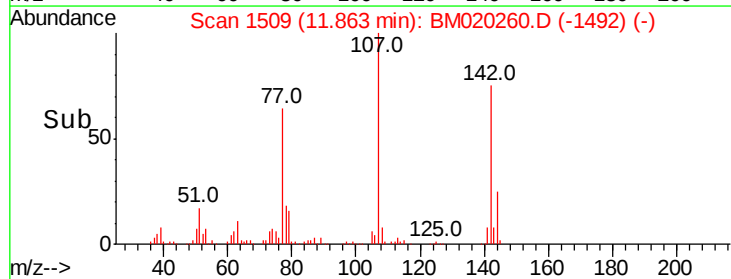
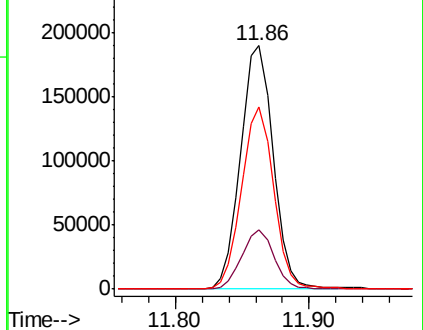
142 74.8 54.6 82.0

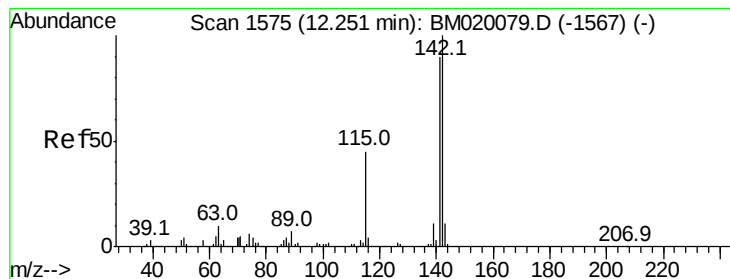


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.486 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

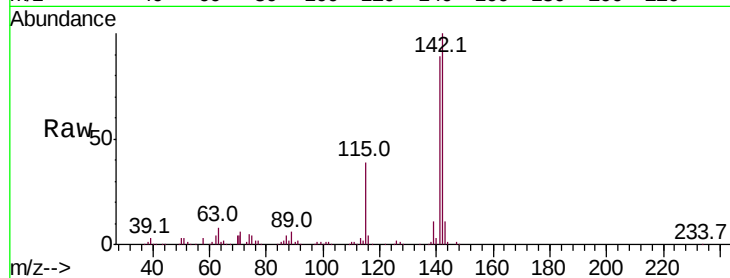
Tot Ion:142 Resp: 635644

Ion Ratio Lower Upper

142 100

141 88.6 71.6 107.4

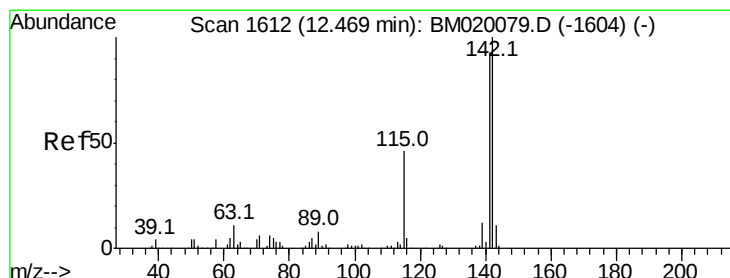
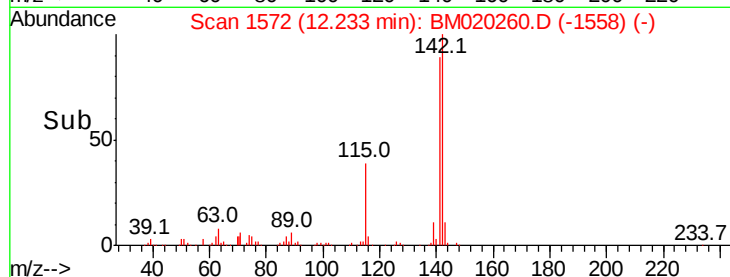
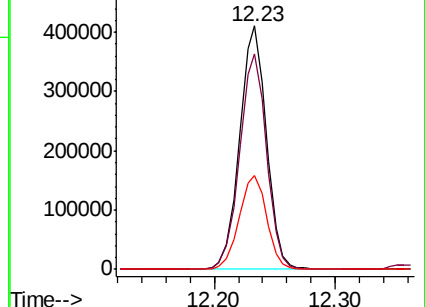
115 38.6 35.8 53.6



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: 44.372 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

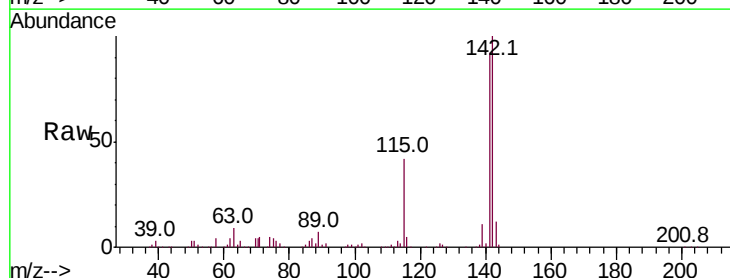
Tgt Ion:142 Resp: 606343

Ion Ratio Lower Upper

142 100

141 91.7 74.8 112.2

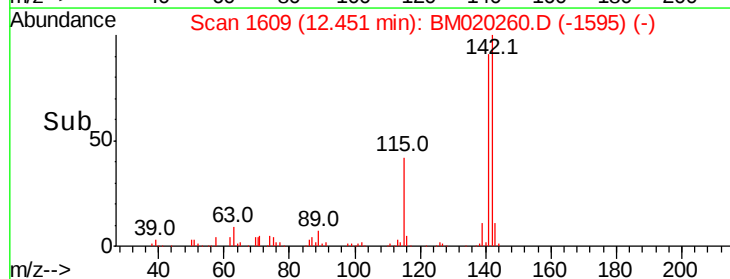
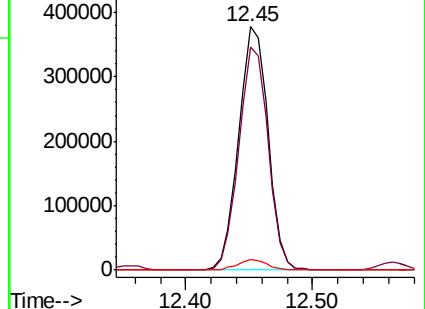
116 4.5 3.9 5.9

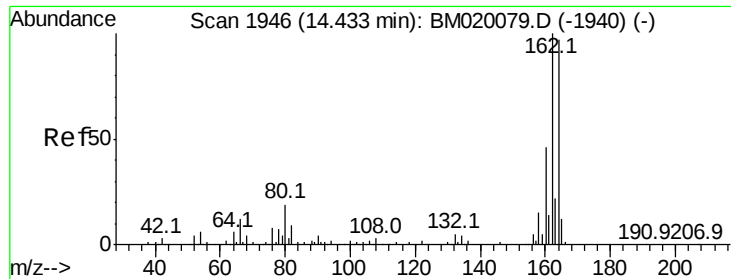


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

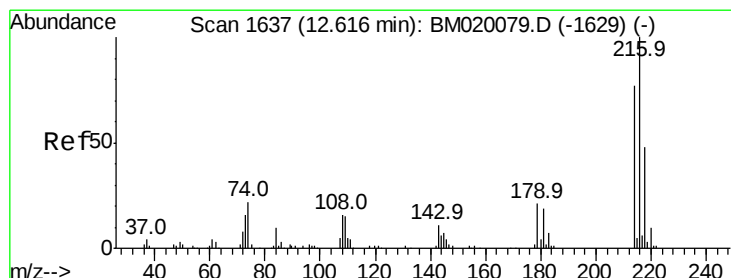
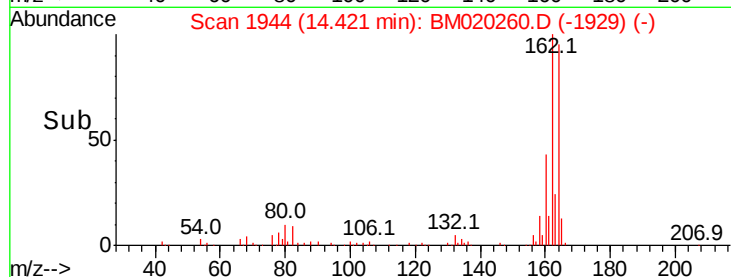
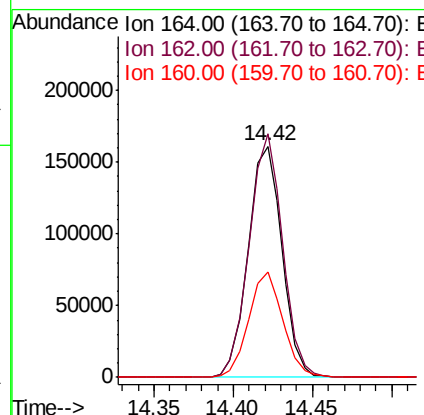
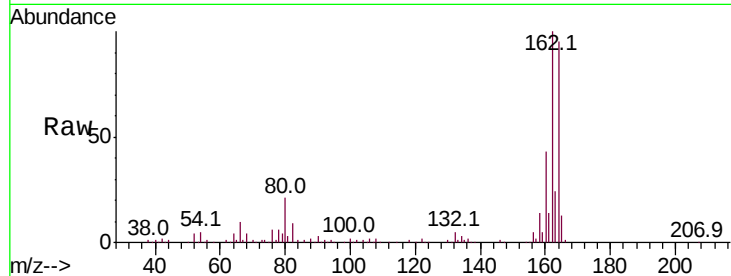




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.42 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

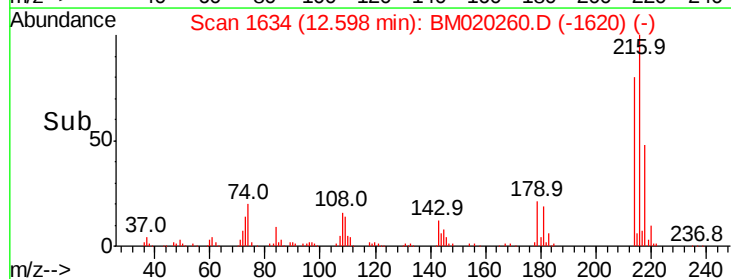
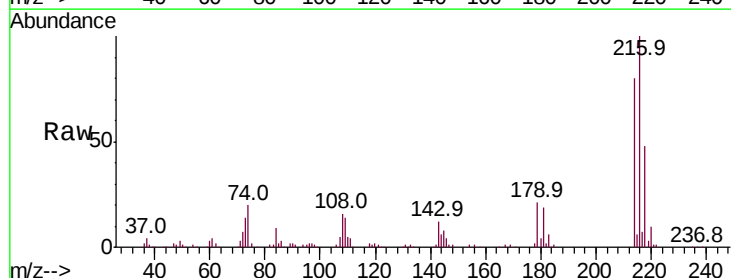
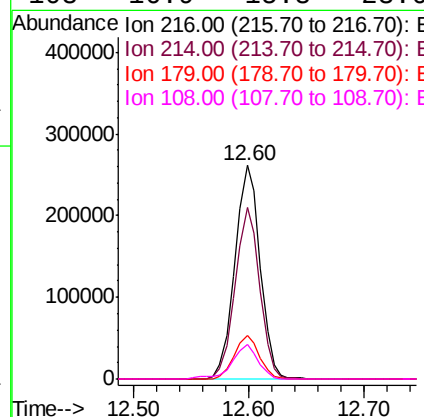
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

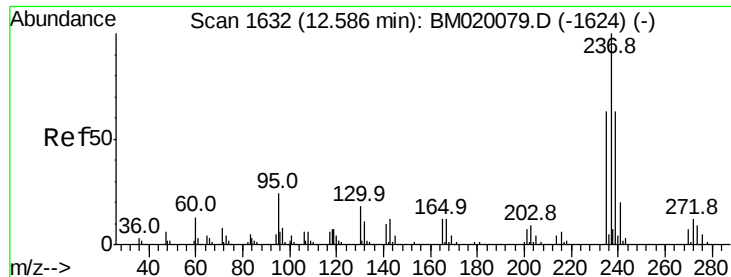
Tot Ion:164 Resp: 239239
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.2 123.2
 160 45.5 37.6 56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.325 ng
 RT: 12.60 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion:216 Resp: 396159
 Ion Ratio Lower Upper
 216 100
 214 78.3 62.6 94.0
 179 20.2 17.1 25.7
 108 16.9 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 29.969 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

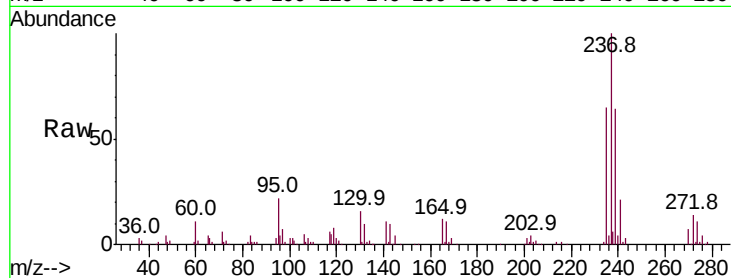
Tot Ion:237 Resp: 165162

Ion Ratio Lower Upper

237 100

235 64.9 43.4 83.4

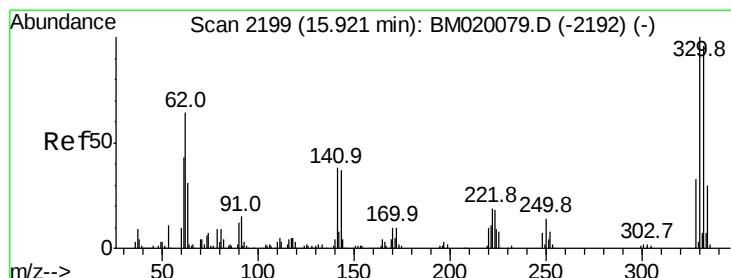
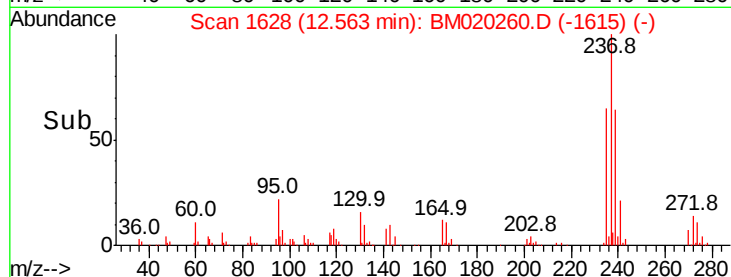
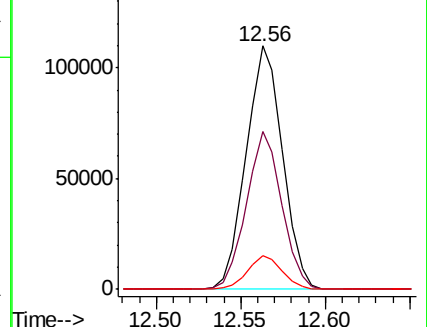
272 13.8 0.0 31.7



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: 146.846 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

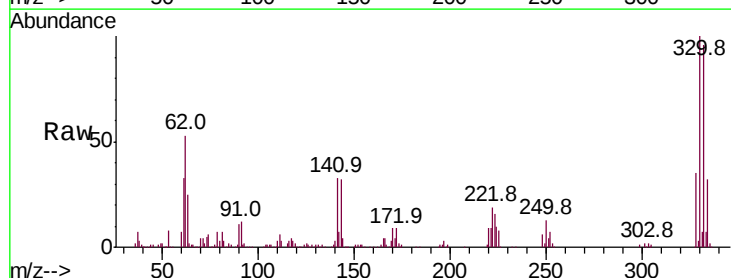
Tgt Ion:330 Resp: 545304

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

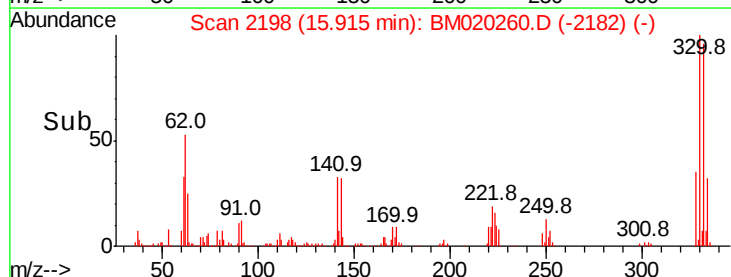
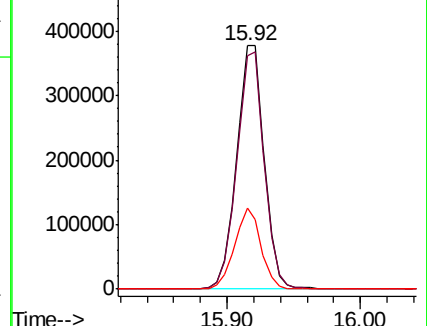
141 31.9 29.2 43.8

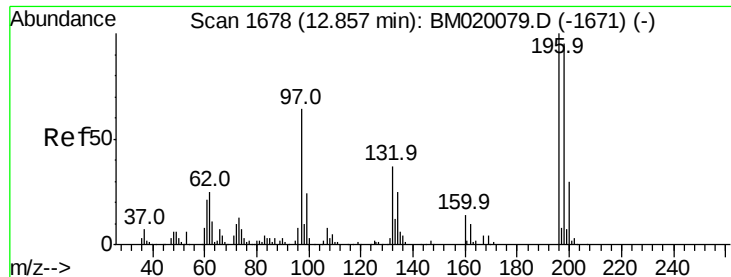


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

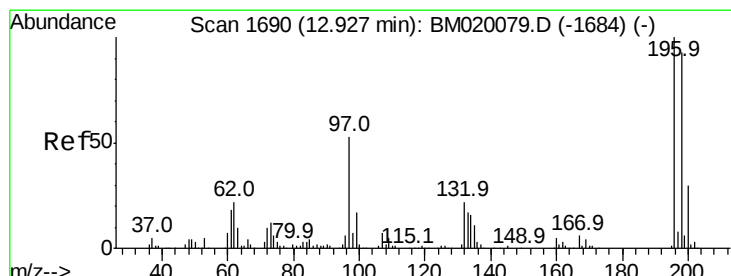
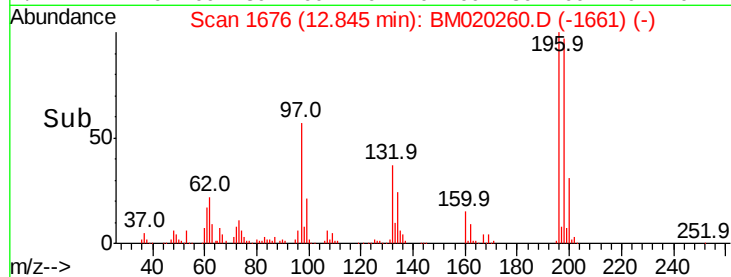
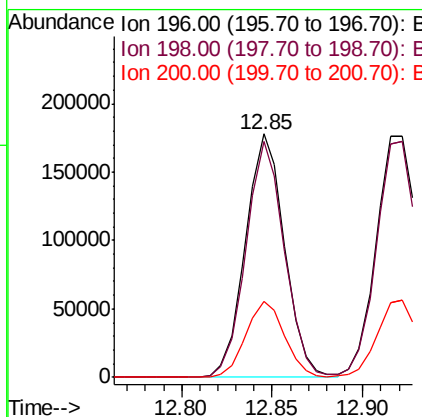
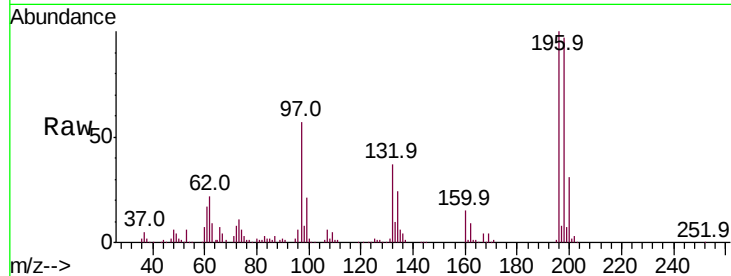




#43
 2,4,6-Trichlorophenol
 Concen: 50.212 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

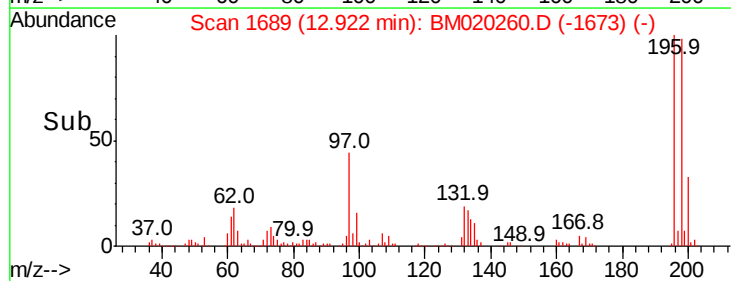
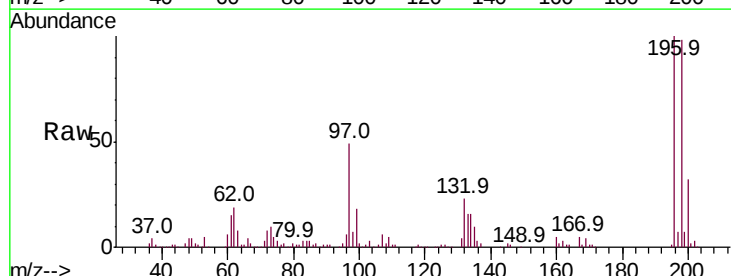
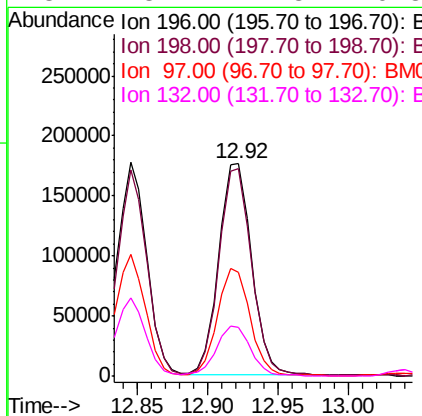
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

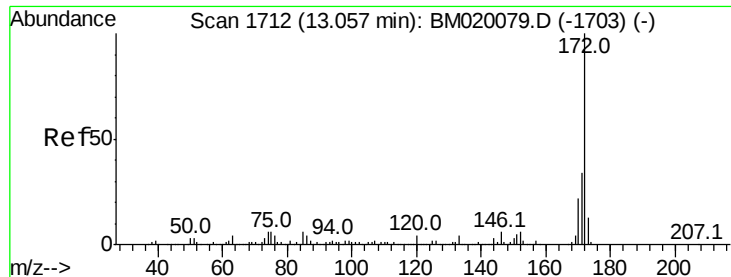
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
200	31.1	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 48.057 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.7	112.1
97	48.7	42.2	63.4
132	23.1	17.8	26.8



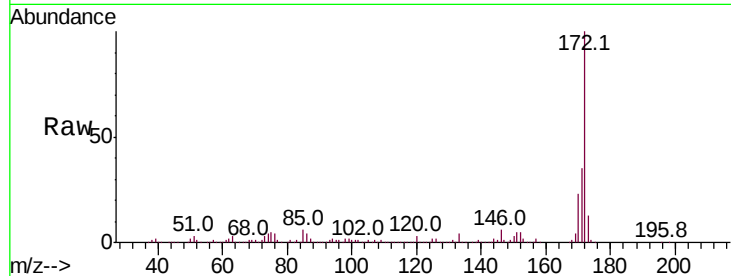


#45
2-Fluorobiphenyl
Concen: 79.838 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:172 Resp: 1552420

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	22.5	17.9	26.9

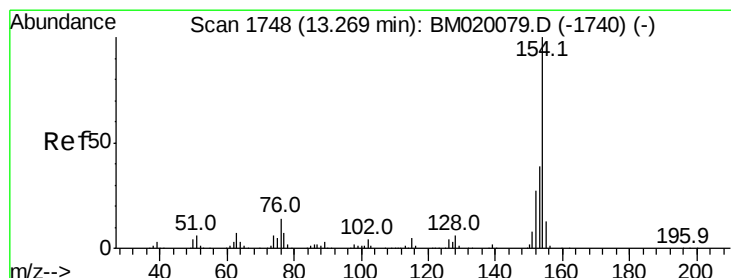
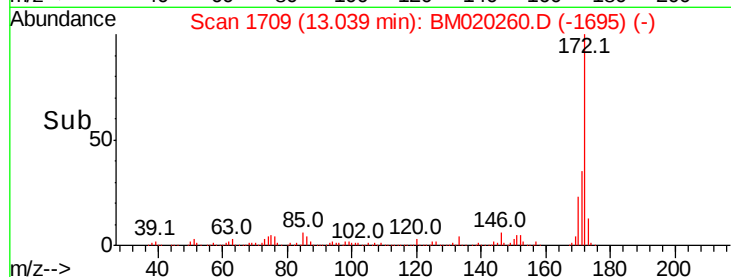
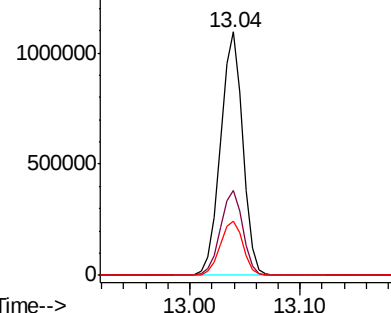


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

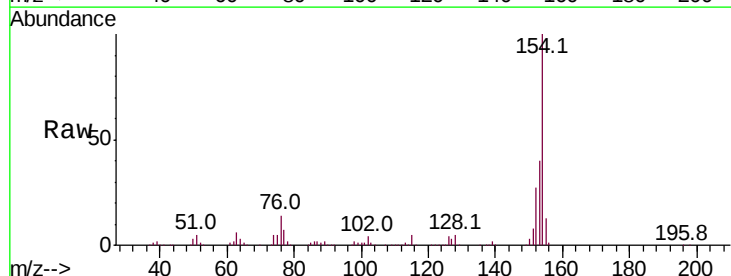
Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.601 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:154 Resp: 838892

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.4	59.4
76	14.3	0.0	34.5

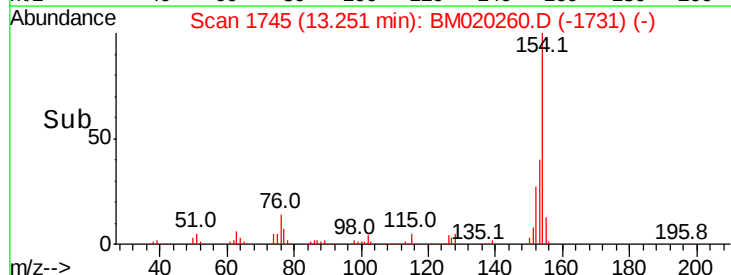
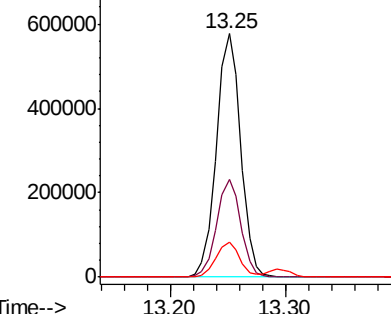


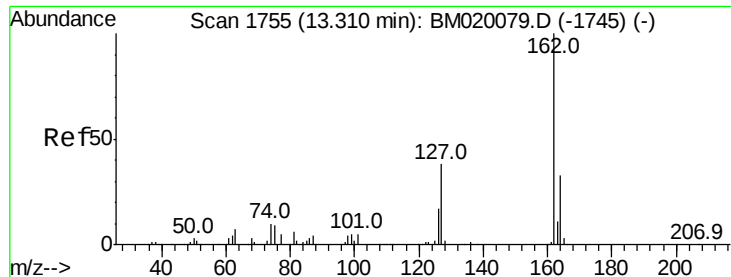
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

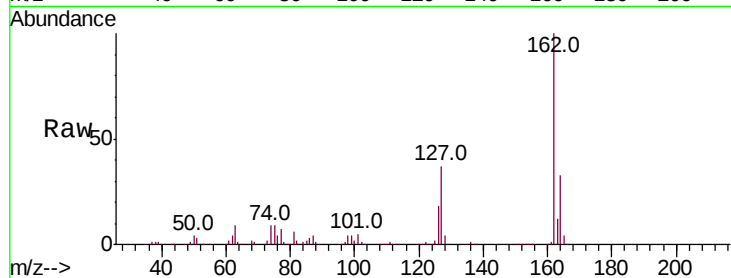




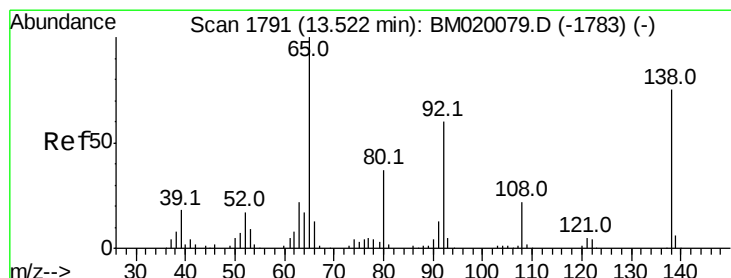
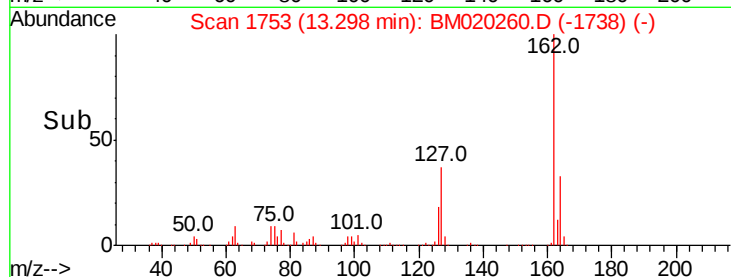
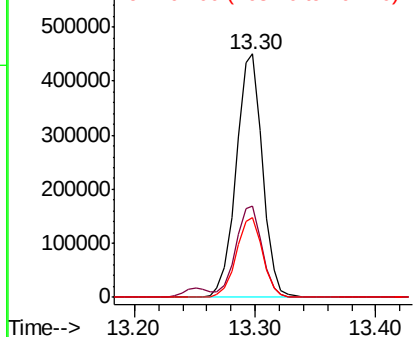
#47
2-Chloronaphthalene
Concen: 43.455 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.4
164	32.7	26.2	39.2

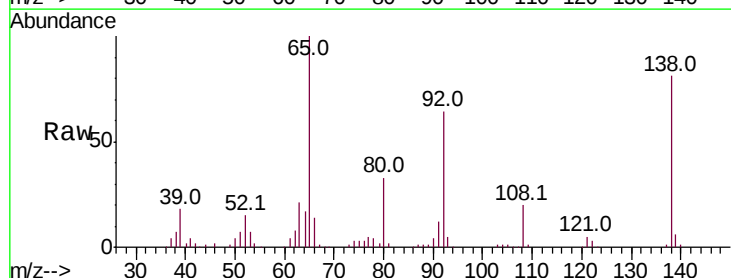


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

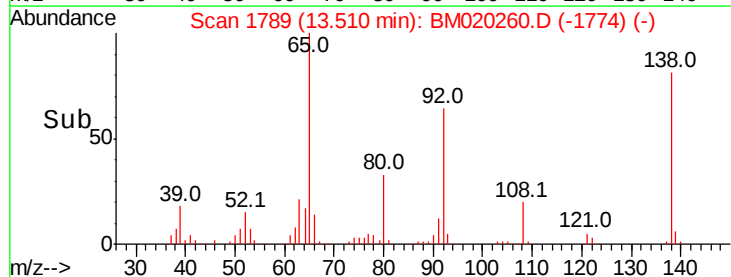
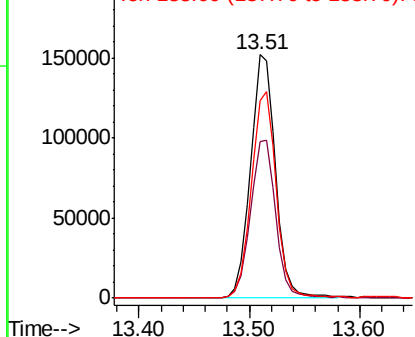


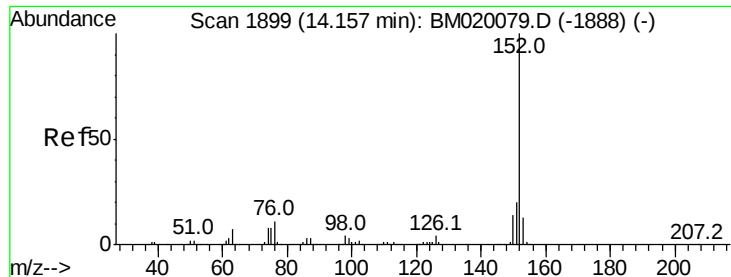
#48
2-Nitroaniline
Concen: 43.326 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	48.2	72.4
138	81.0	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: 42.543 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

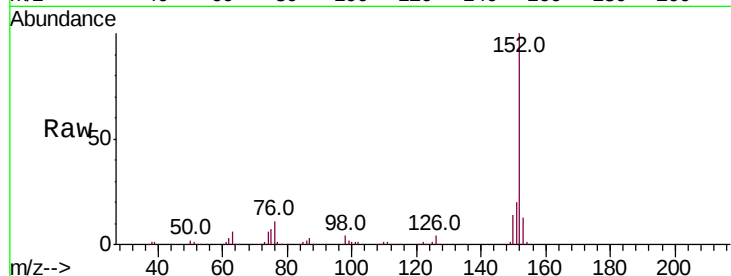
Tot Ion:152 Resp: 1070467

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

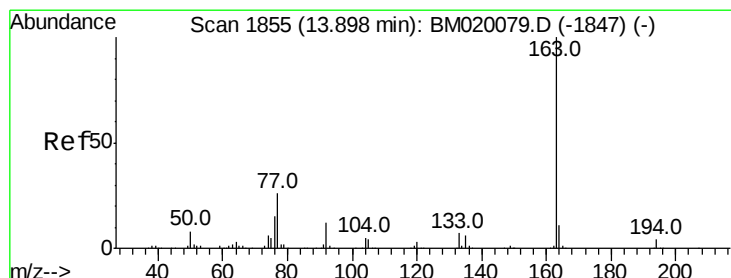
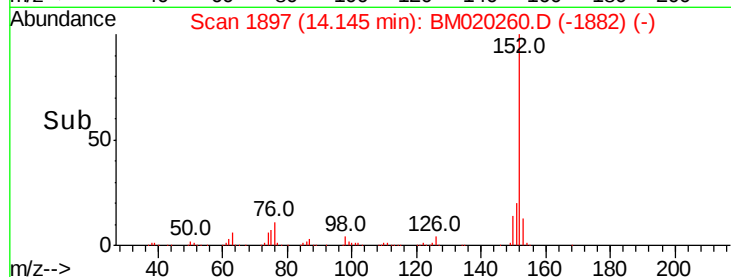
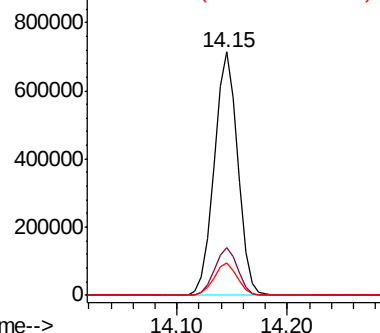
153 13.2 10.6 16.0



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: 51.842 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

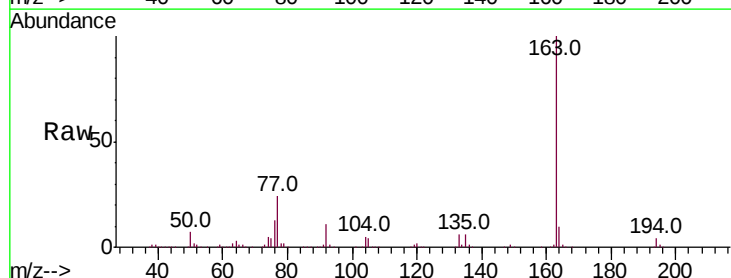
Tgt Ion:163 Resp: 1054133

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

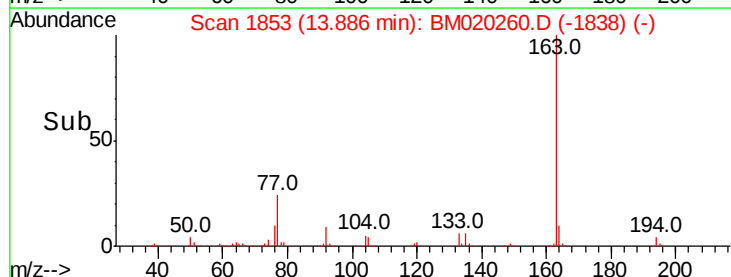
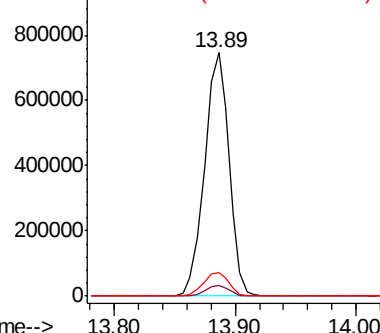
164 9.6 8.4 12.6

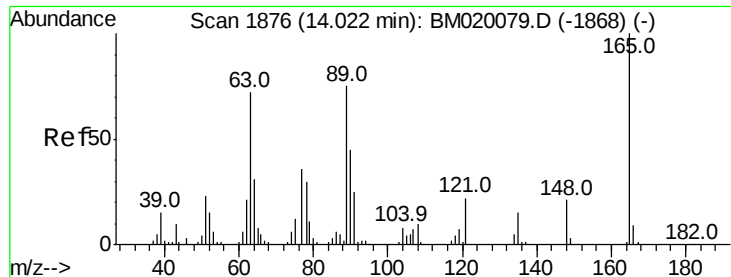


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

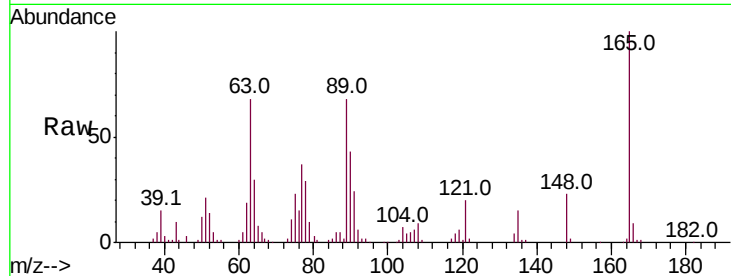




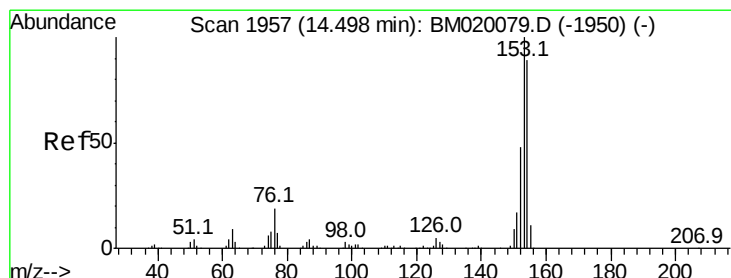
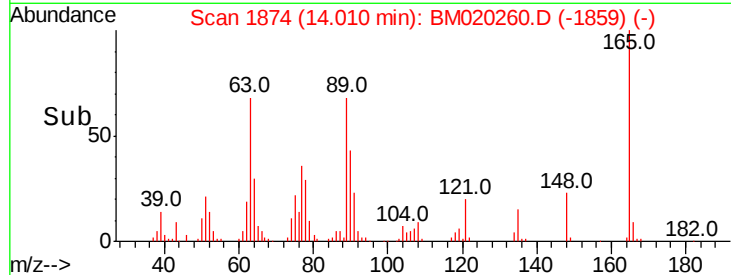
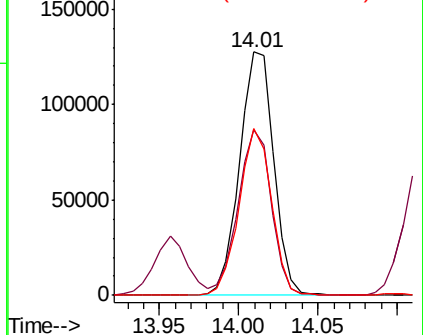
#51
2,6-Dinitrotoluene
Concen: 44.544 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:165 Resp: 190766
Ion Ratio Lower Upper
165 100
63 68.0 60.3 90.5
89 68.4 59.8 89.6

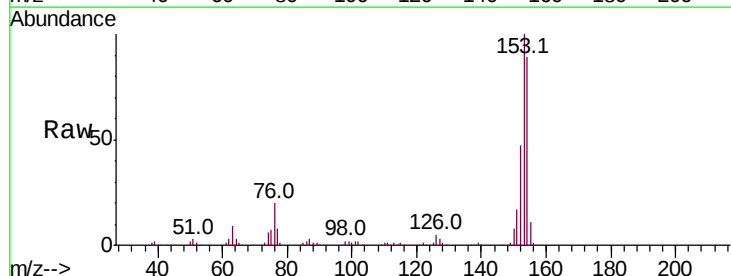


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

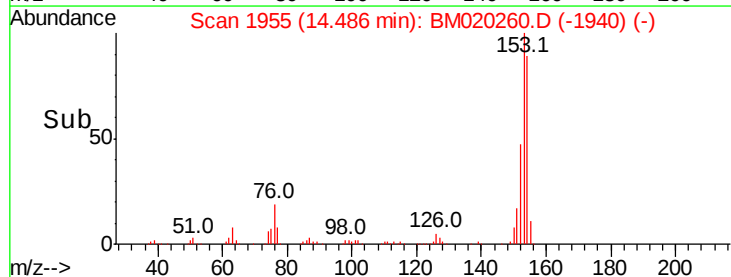
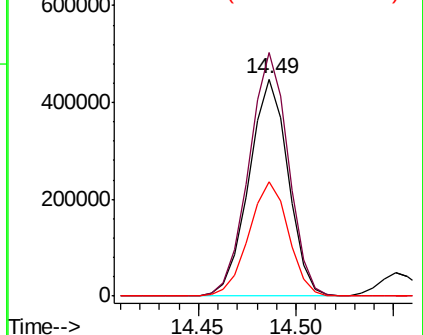


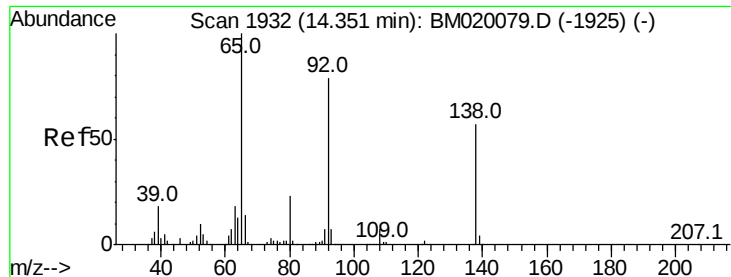
#52
Acenaphthene
Concen: 43.373 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:154 Resp: 625828
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 52.7 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

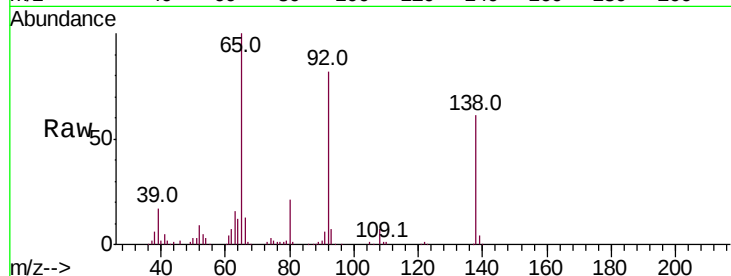




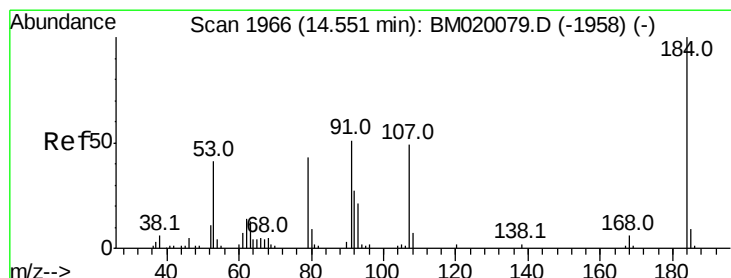
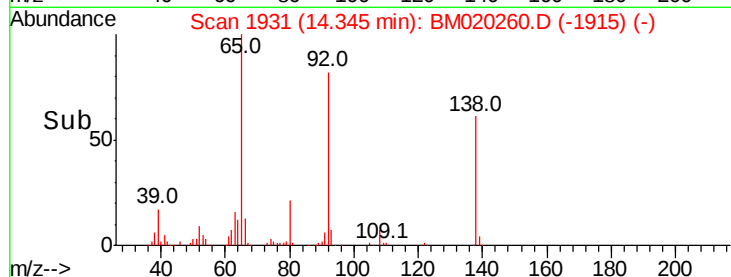
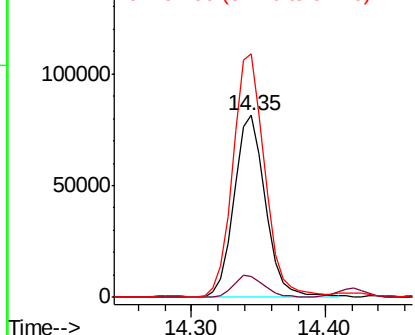
#53
3-Nitroaniline
Concen: 33.500 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:138 Resp: 133157
Ion Ratio Lower Upper
138 100
108 11.8 10.4 15.6
92 133.8 111.3 166.9

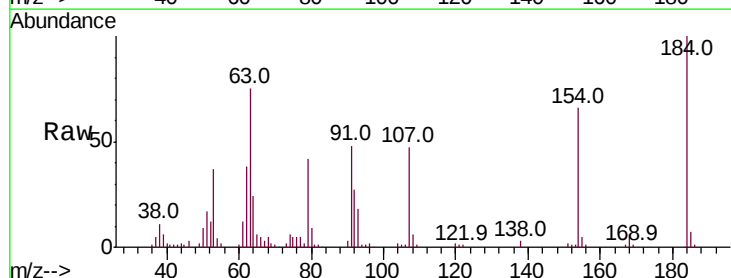


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

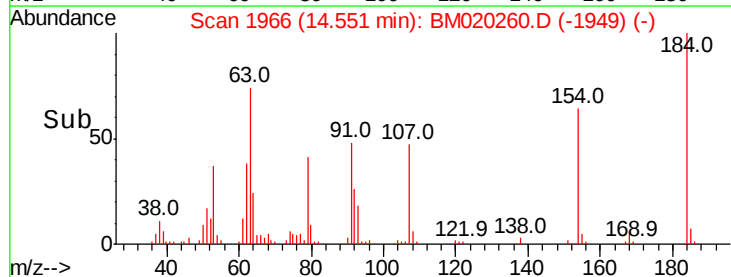
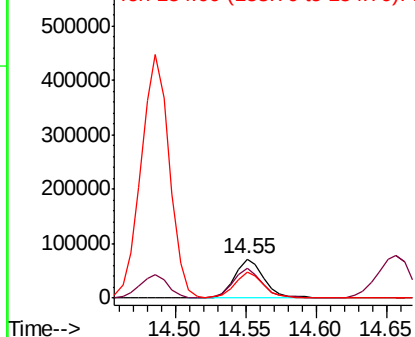


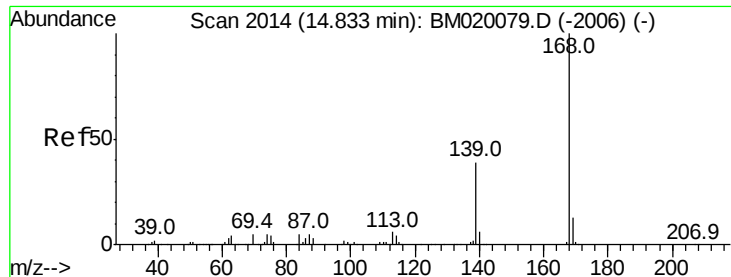
#54
2,4-Dinitrophenol
Concen: 52.333 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:184 Resp: 105233
Ion Ratio Lower Upper
184 100
63 74.6 68.9 103.3
154 65.8 54.4 81.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

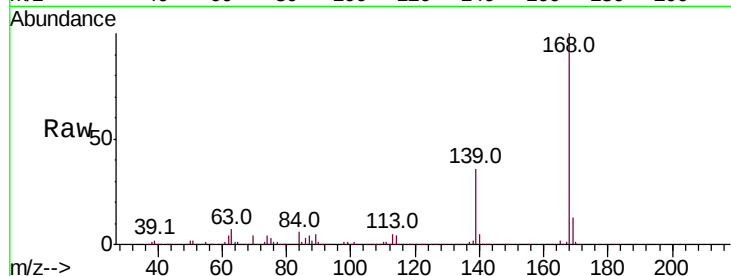




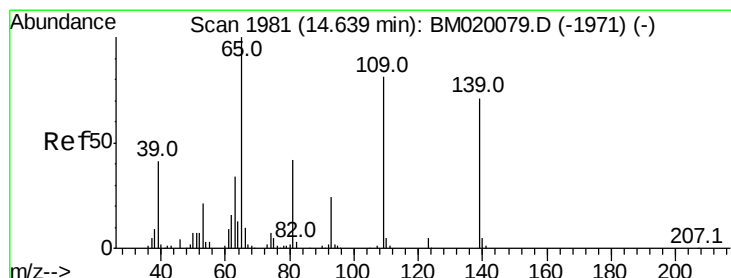
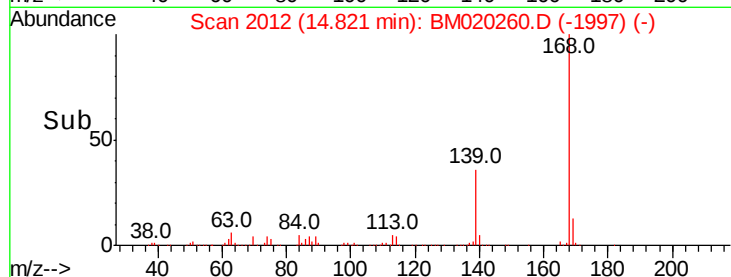
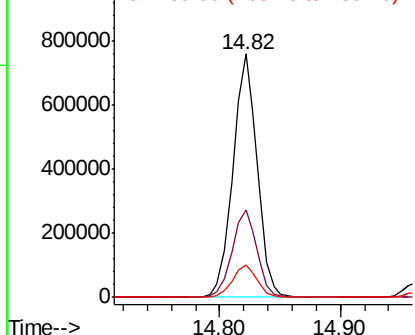
#55
Dibenzofuran
Concen: 43.486 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:168 Resp: 1058379
Ion Ratio Lower Upper
168 100
139 35.9 31.1 46.7
169 13.2 10.6 16.0

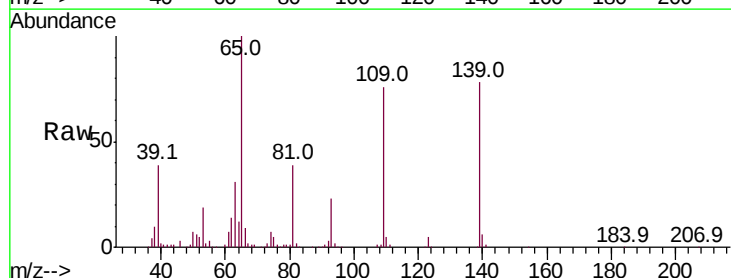


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

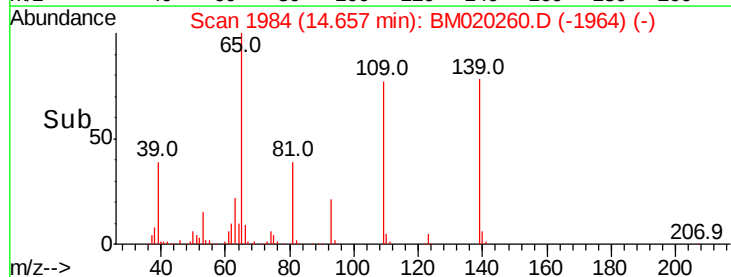
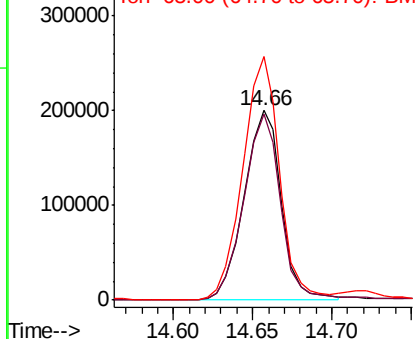


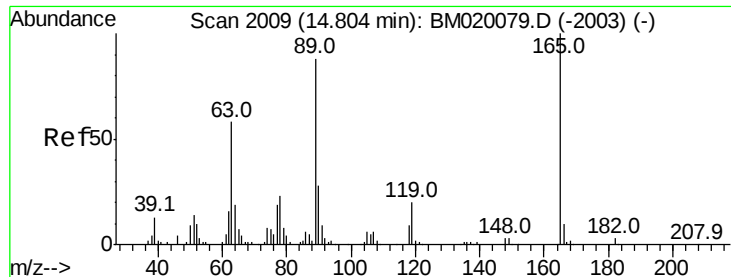
#56
4-Nitrophenol
Concen: 96.520 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:139 Resp: 327333
Ion Ratio Lower Upper
139 100
109 98.1 94.1 134.1
65 128.5 120.9 160.9



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

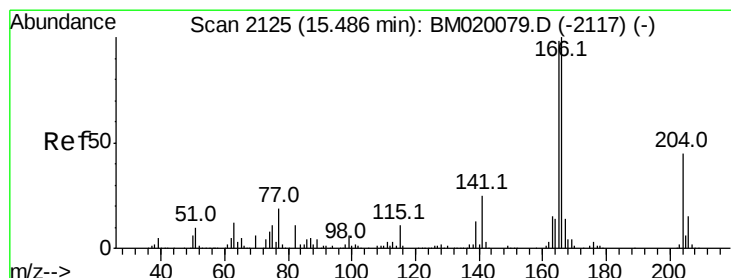
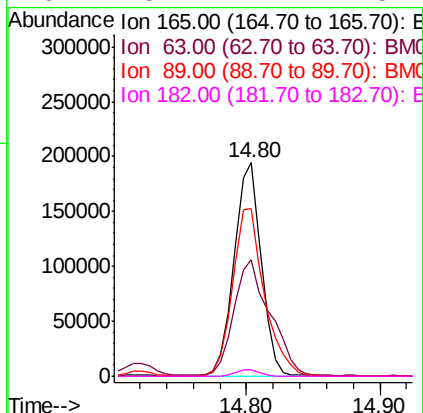
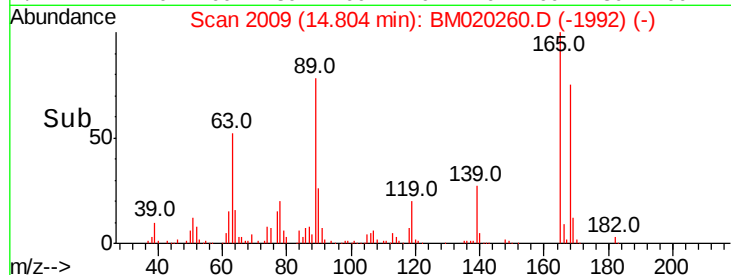
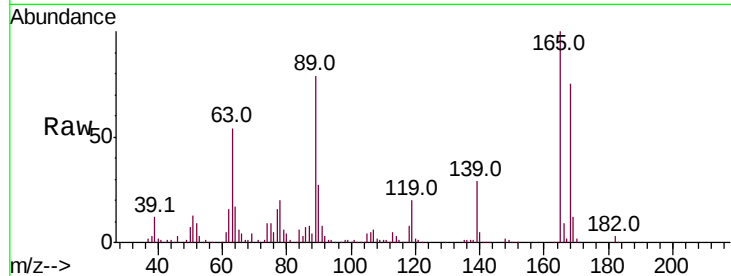




#57
 2,4-Dinitrotoluene
 Concen: 47.372 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

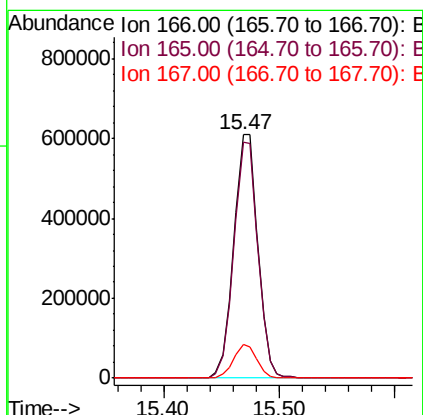
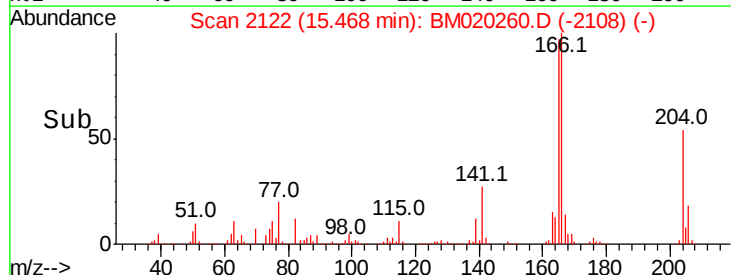
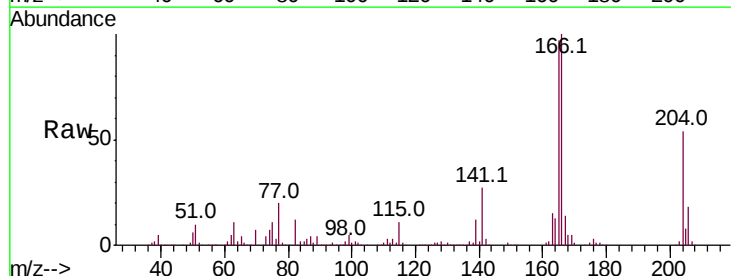
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

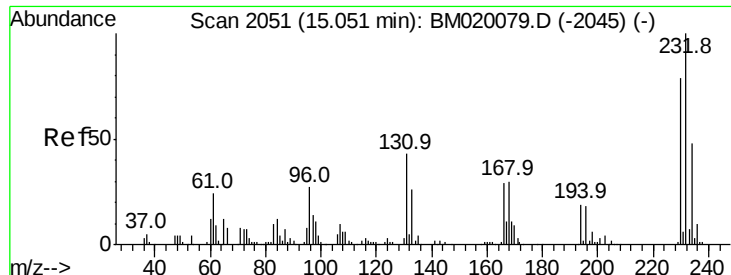
Tot Ion:165 Resp: 275676
 Ion Ratio Lower Upper
 165 100
 63 54.3 46.2 69.2
 89 78.8 70.6 105.8
 182 3.2 2.2 3.2



#58
 Fluorene
 Concen: 44.139 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion:166 Resp: 882273
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.2 117.2
 167 13.9 11.0 16.4

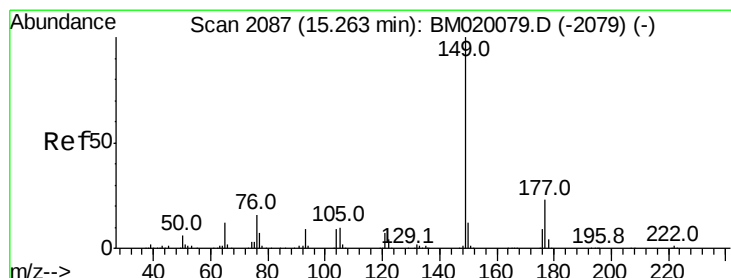
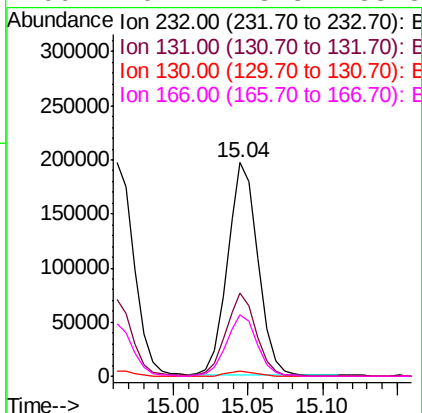
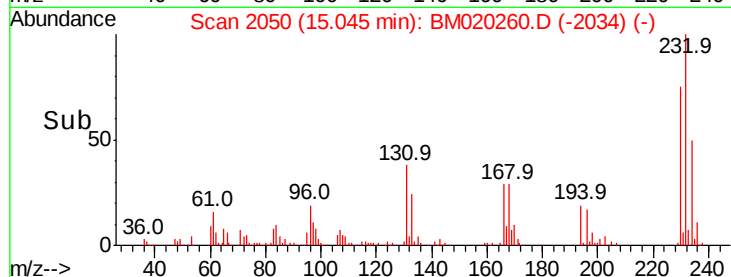
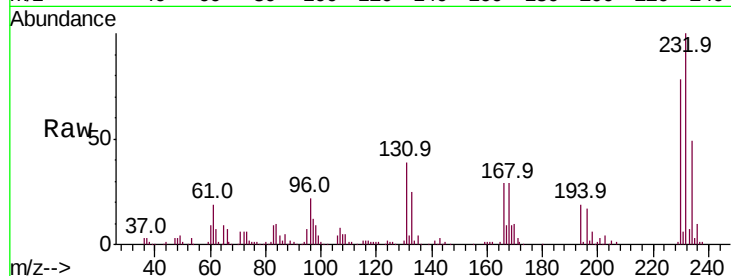




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.549 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

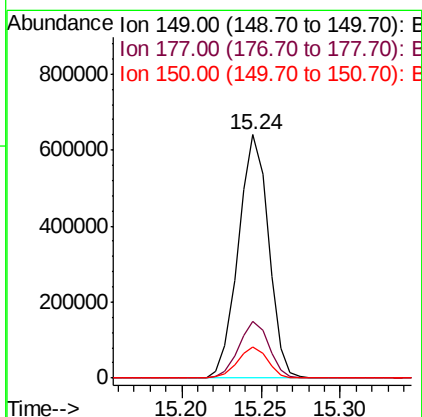
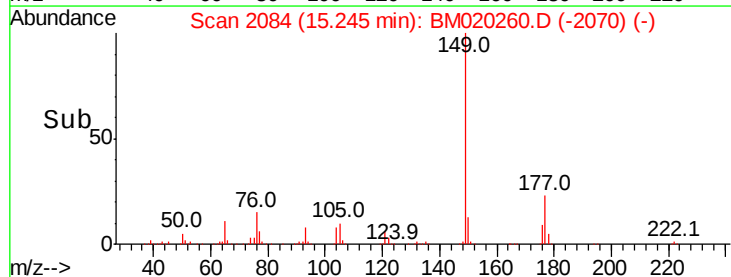
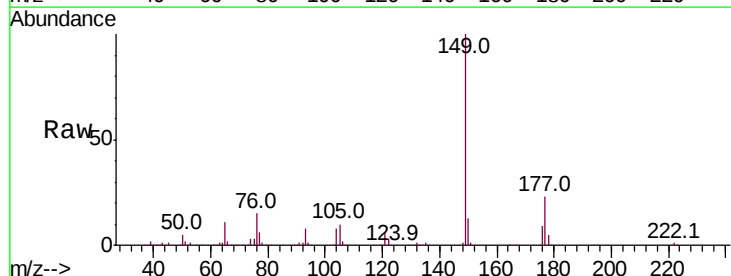
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

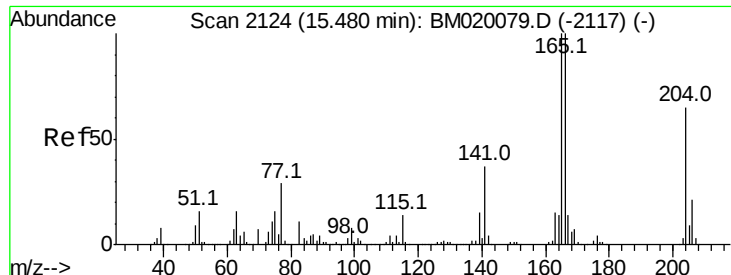
Tot Ion:	232	Resp:	279815
Ion	Ratio	Lower	Upper
232	100		
131	38.3	34.2	51.4
130	2.2	2.0	3.0
166	29.4	23.8	35.8



#60
 Diethylphthalate
 Concen: 41.425 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion:	149	Resp:	848616
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.2	27.4
150	12.7	9.9	14.9

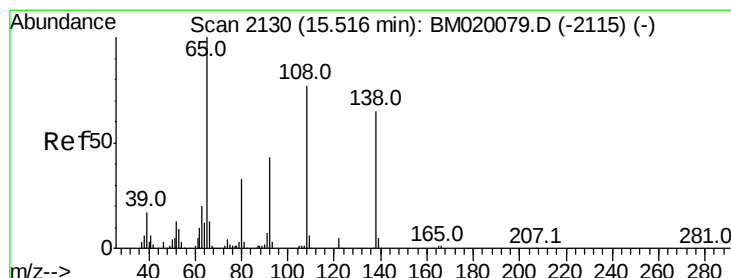
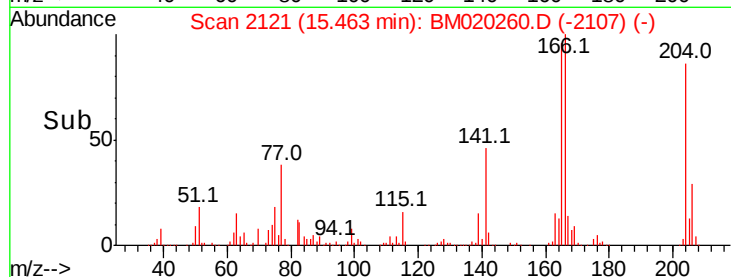
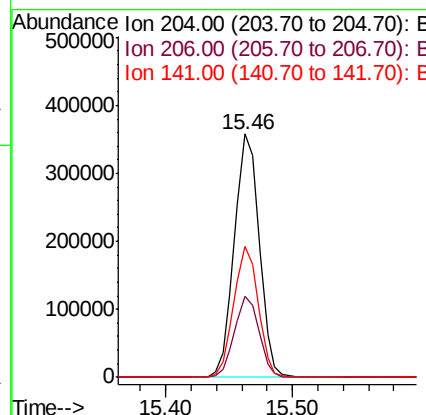
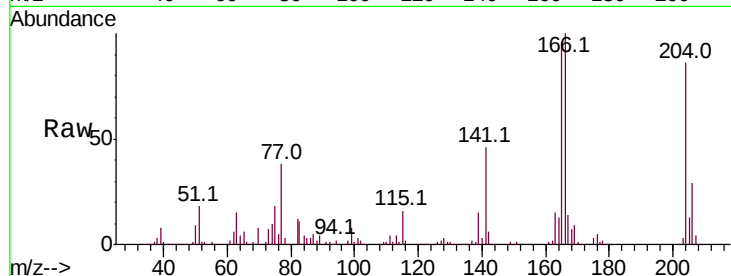




#61
 4-Chlorophenyl-phenylether
 Concen: 42.794 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

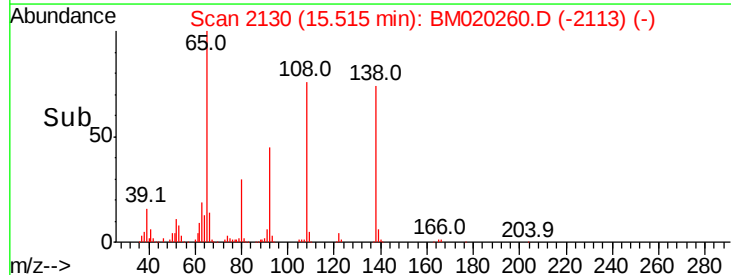
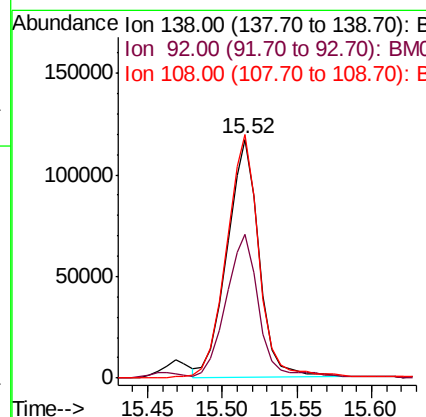
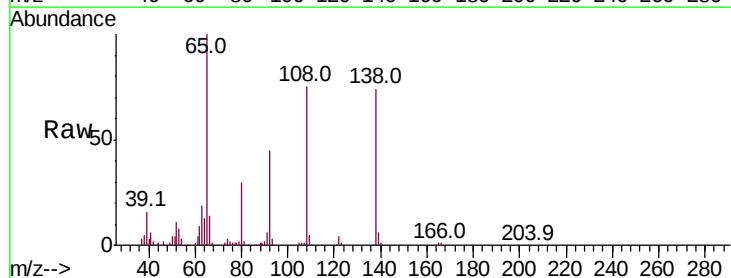
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

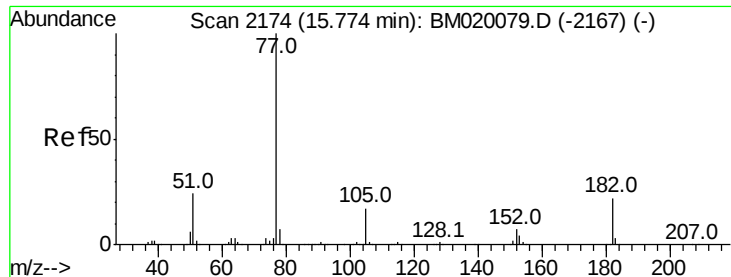
Tot Ion:204 Resp: 484669
 Ion Ratio Lower Upper
 204 100
 206 33.5 25.6 38.4
 141 53.5 46.1 69.1



#62
 4-Nitroaniline
 Concen: 39.706 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion:138 Resp: 174171
 Ion Ratio Lower Upper
 138 100
 92 60.2 45.9 85.9
 108 101.9 97.7 137.7





#63

Azobenzene

Concen: 40.092 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

Tot Ion: 77 Resp: 968922

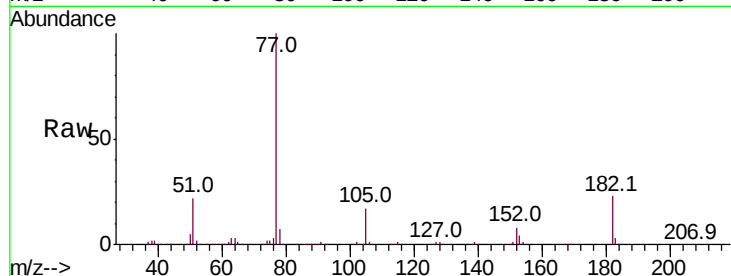
Ion Ratio Lower Upper

77 100

182 23.1 2.1 42.1

105 17.2 0.0 36.8

51 21.9 3.8 43.8

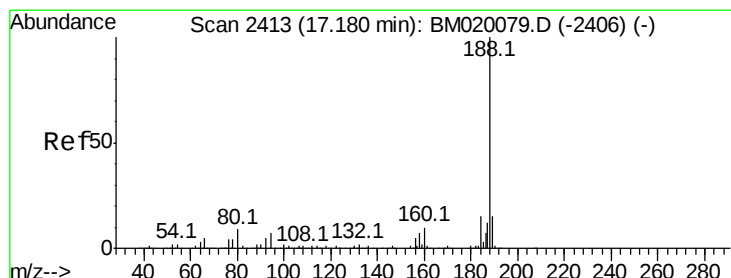
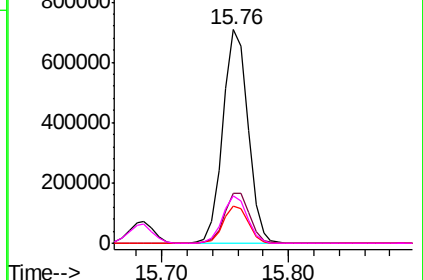
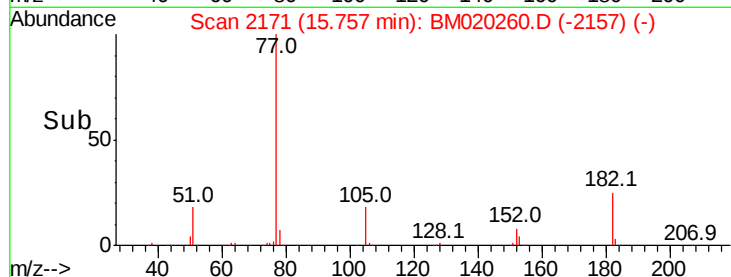


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020260.D

Acq: 11 May 2019 03:54

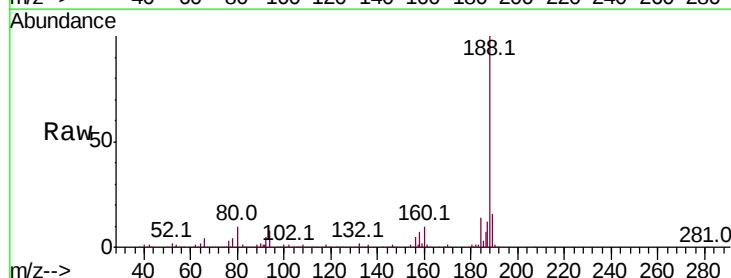
Tgt Ion: 188 Resp: 598220

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

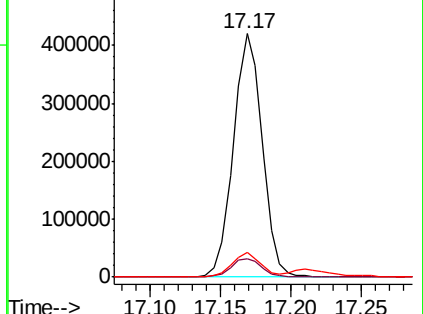
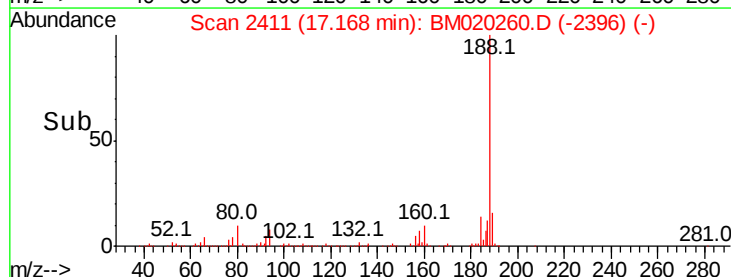
80 10.3 7.4 11.2

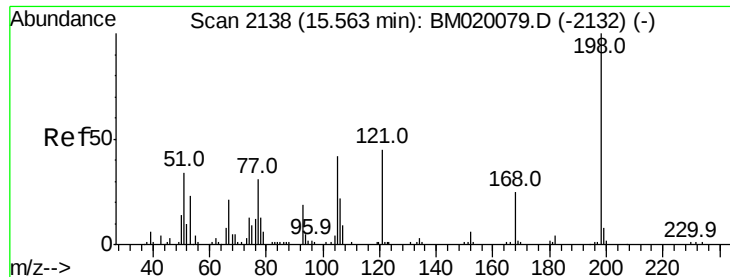


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 28.470 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

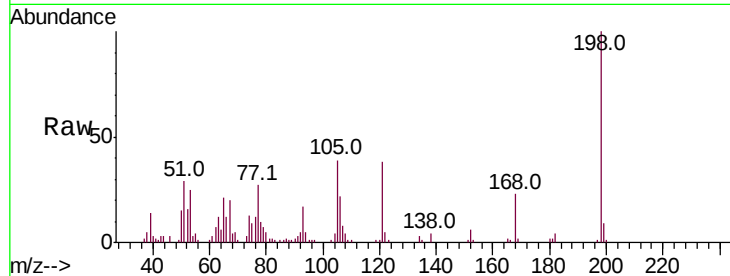
Tot Ion:198 Resp: 75596

Ion Ratio Lower Upper

198 100

51 29.4 16.5 56.5

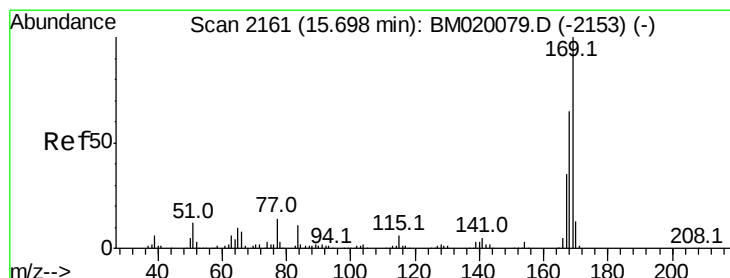
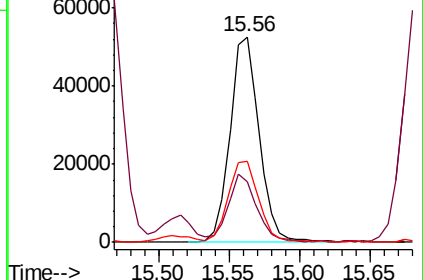
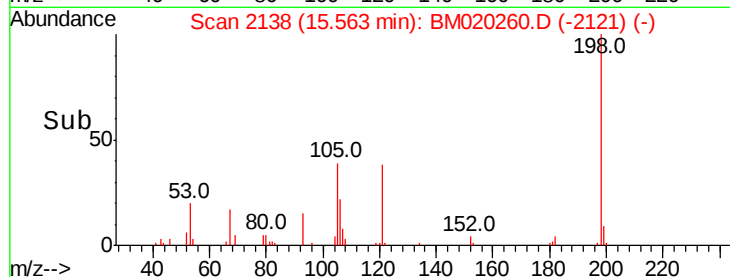
105 39.4 22.8 62.8



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: 43.690 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

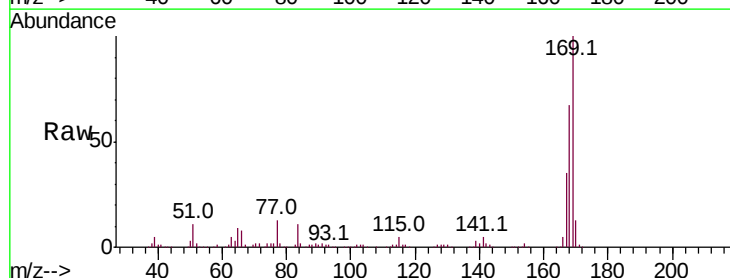
Tgt Ion:169 Resp: 769076

Ion Ratio Lower Upper

169 100

168 66.5 51.9 77.9

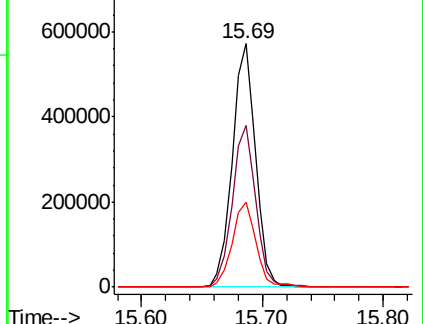
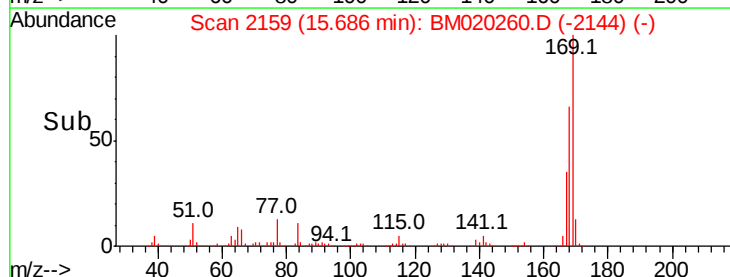
167 35.0 27.8 41.6

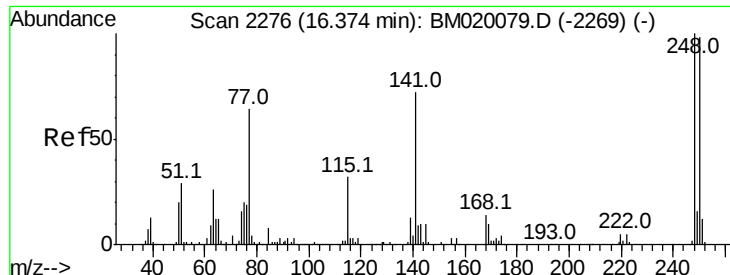


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

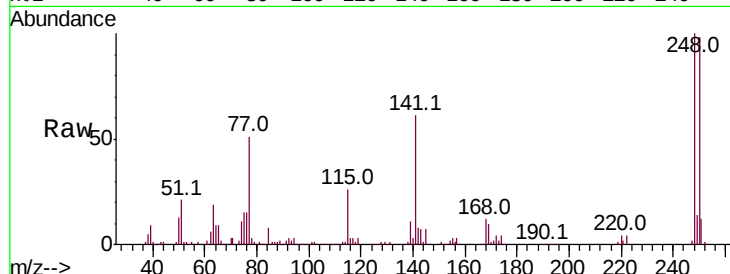




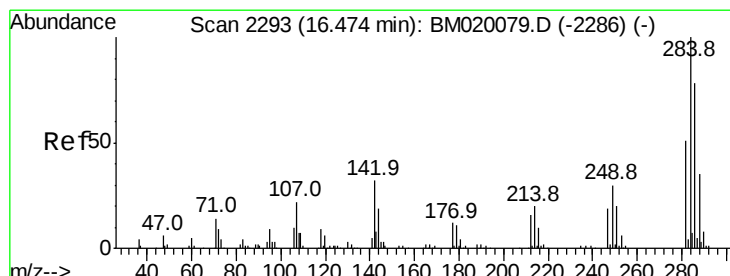
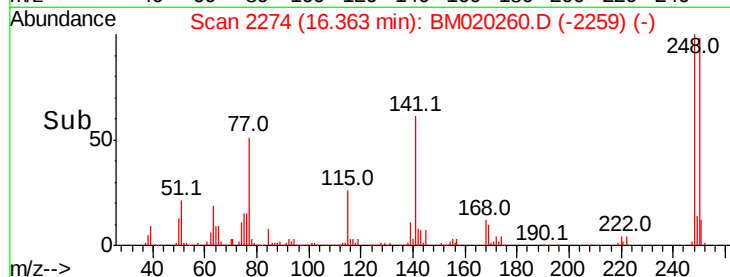
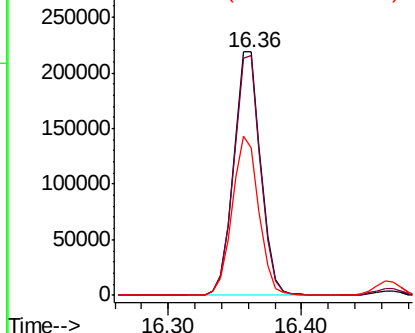
#67
4-Bromophenyl-phenylether
Concen: 42.081 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:248 Resp: 308692
Ion Ratio Lower Upper
248 100
250 98.3 78.4 117.6
141 60.7 57.4 86.2

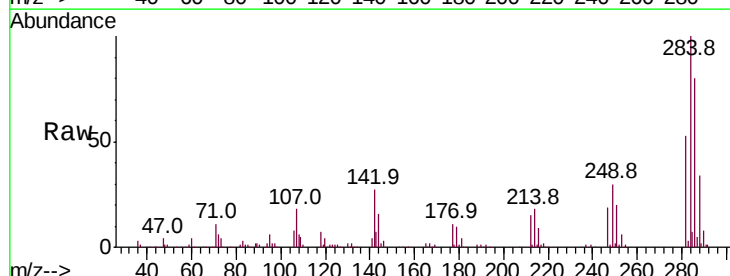


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

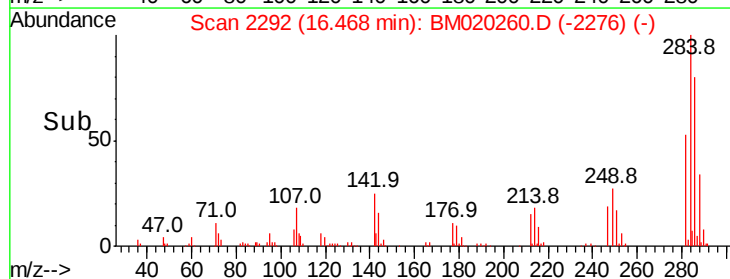
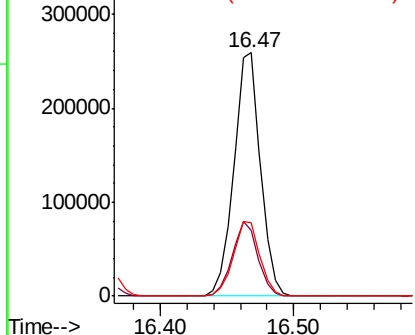


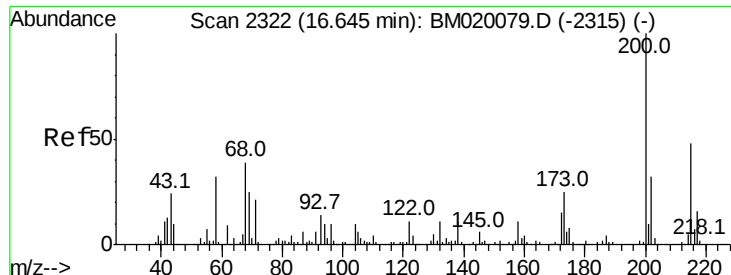
#68
Hexachlorobenzene
Concen: 42.400 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:284 Resp: 357919
Ion Ratio Lower Upper
284 100
142 26.8 25.2 37.8
249 30.0 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: 41.567 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

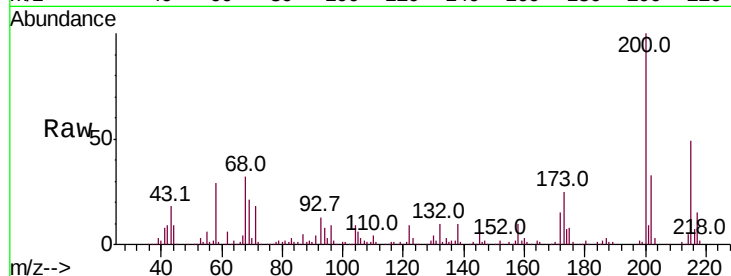
Tot Ion:200 Resp: 285949

Ion Ratio Lower Upper

200 100

173 24.6 4.6 44.6

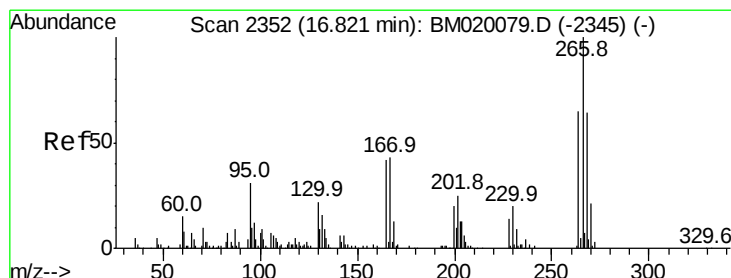
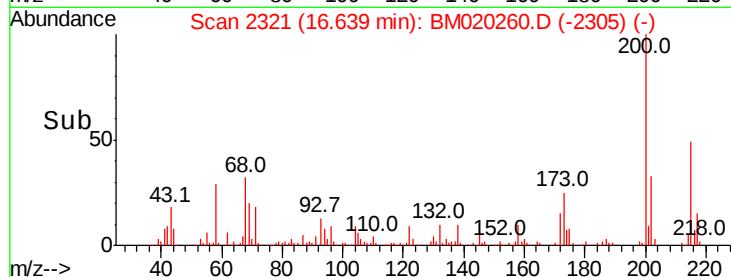
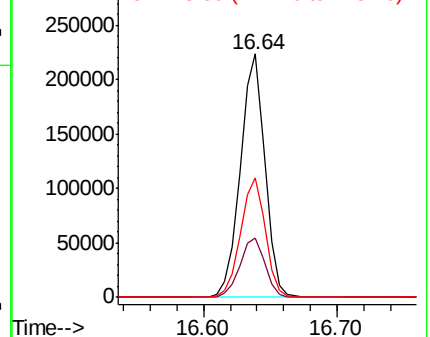
215 49.3 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 100.041 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

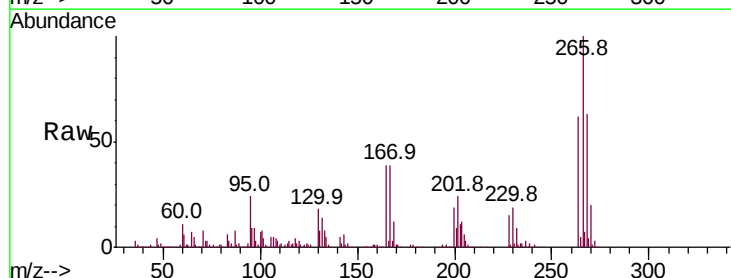
Tgt Ion:266 Resp: 483190

Ion Ratio Lower Upper

266 100

268 63.0 51.4 77.0

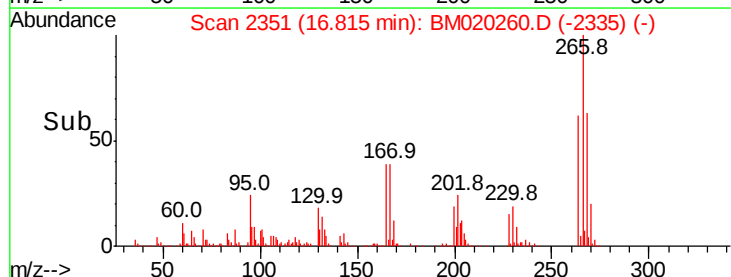
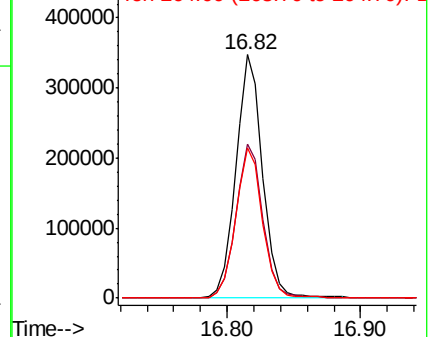
264 61.9 52.0 78.0

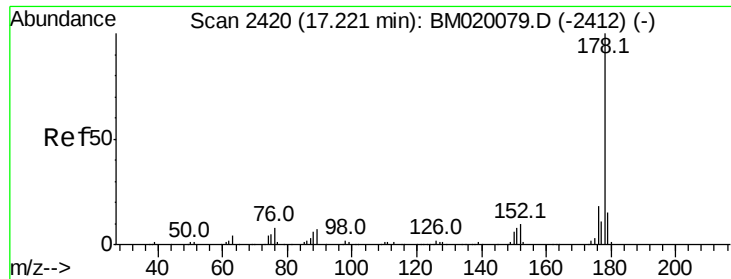


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

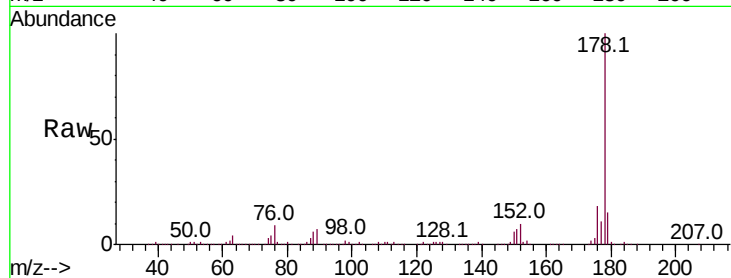




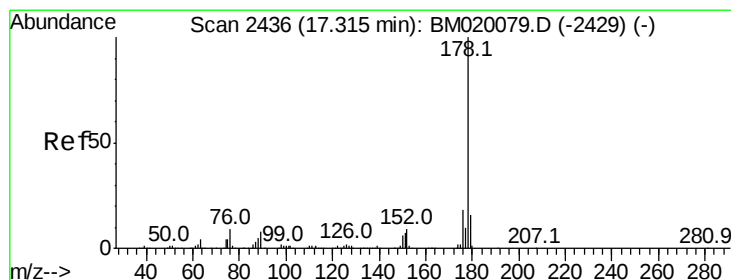
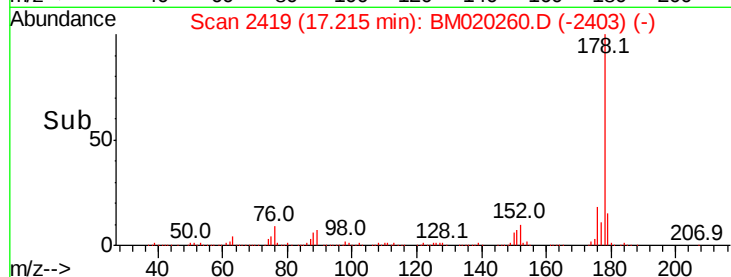
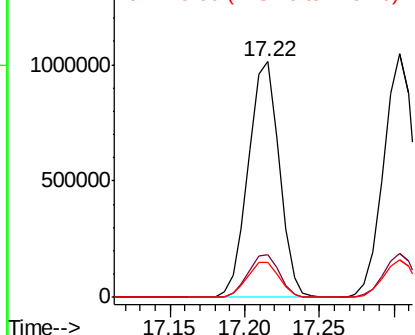
#71
Phenanthrene
Concen: 44.047 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:178 Resp: 1454534
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 14.9 12.4 18.6

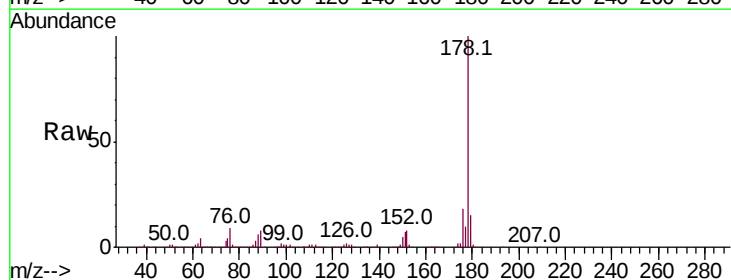


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

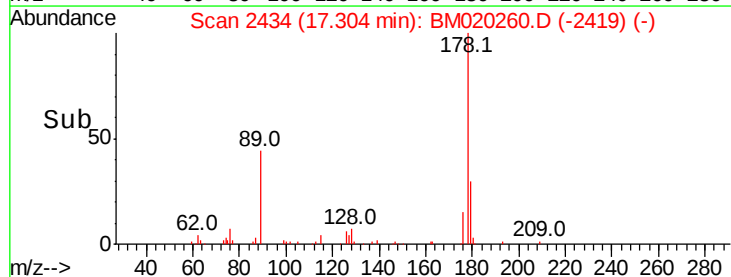
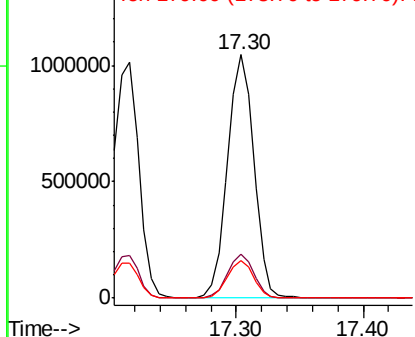


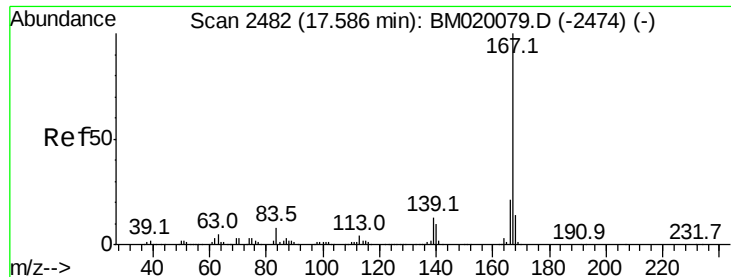
#72
Anthracene
Concen: 45.303 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:178 Resp: 1495745
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.4 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

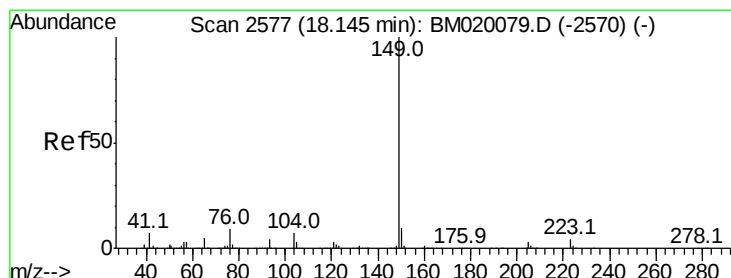
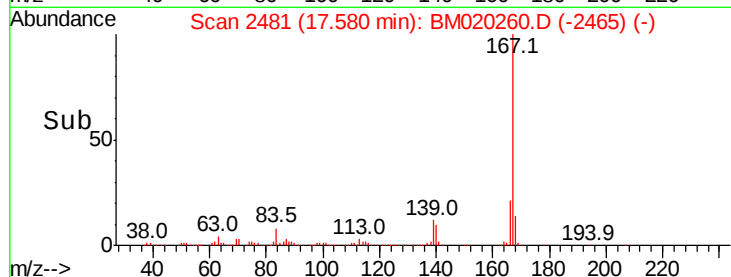
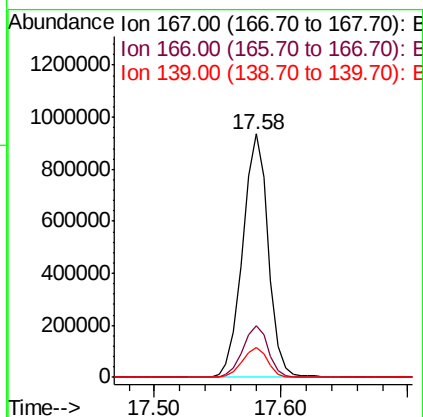
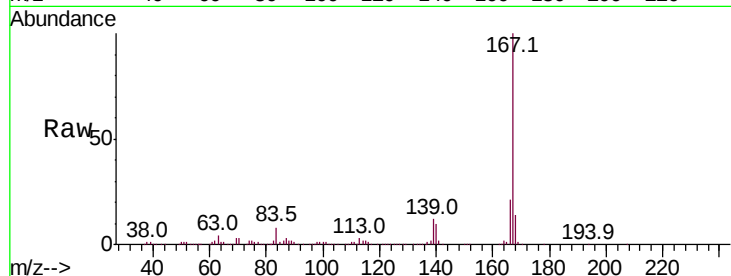




#73
 Carbazole
 Concen: 43.775 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

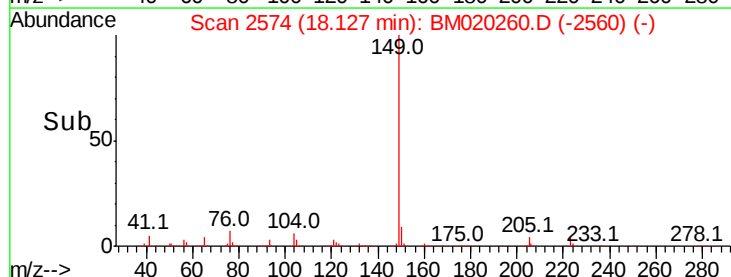
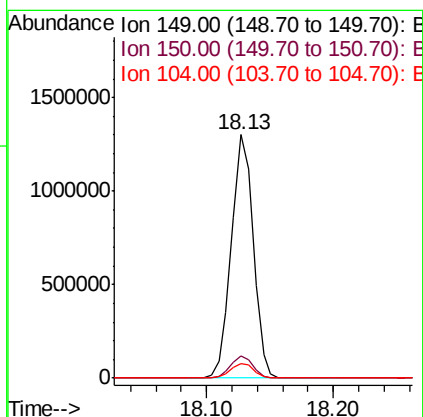
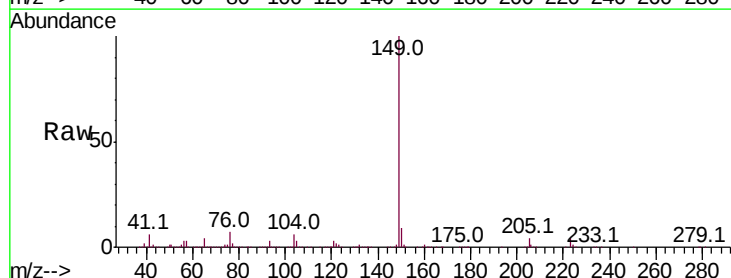
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

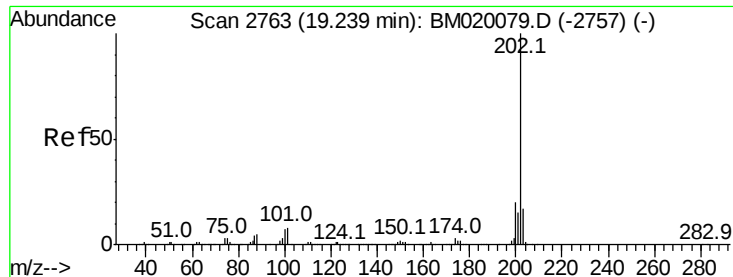
Tot Ion:167 Resp: 1304115
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.255 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion:149 Resp: 1550767
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 6.0 5.7 8.5





#75

Fluoranthene

Concen: 42.907 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

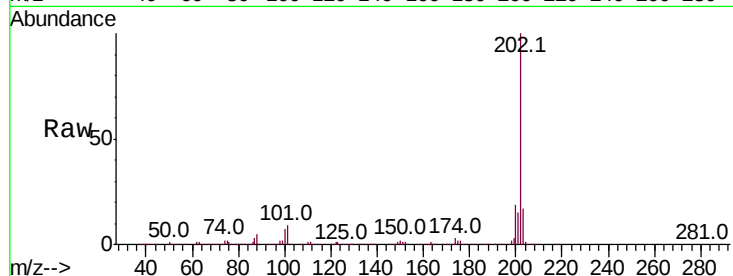
Tot Ion:202 Resp: 1792710

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.4

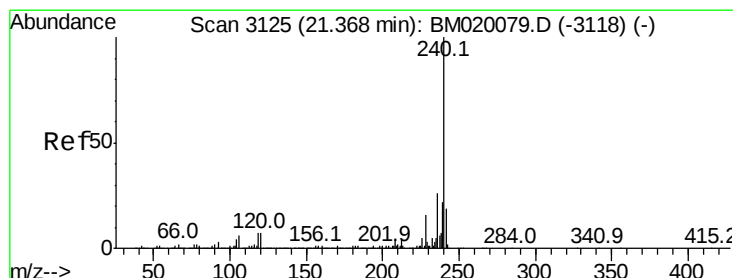
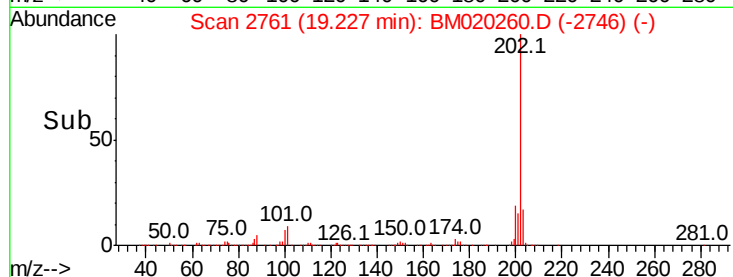
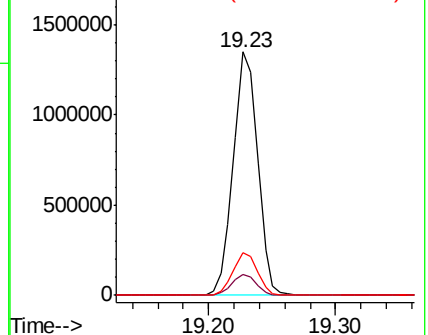
203 17.4 0.0 37.4



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: BM020260.D

Acq: 11 May 2019 03:54

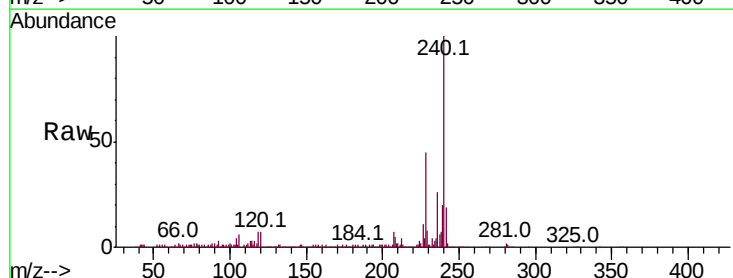
Tgt Ion:240 Resp: 510204

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

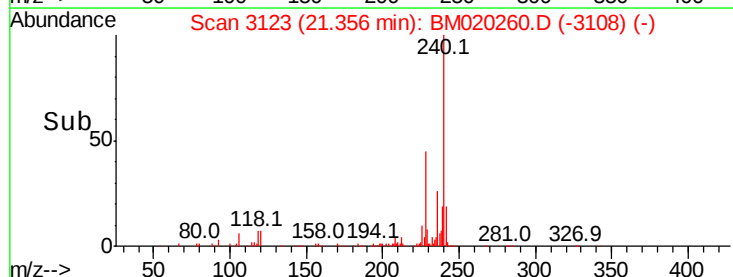
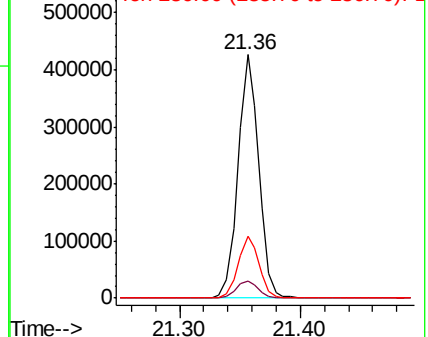
236 25.6 20.9 31.3

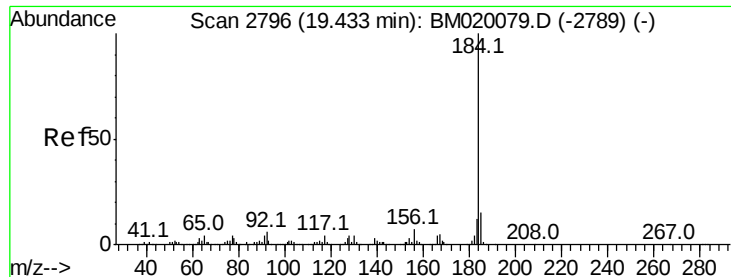


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.874 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

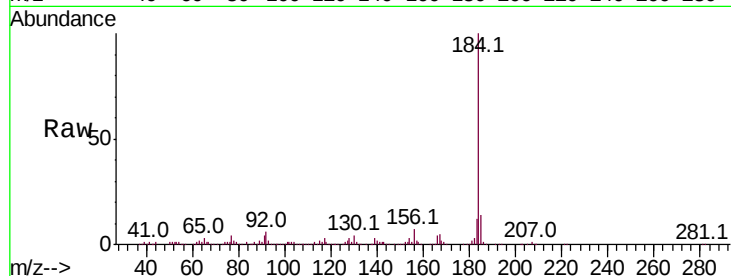
Tot Ion:184 Resp: 683029

Ion Ratio Lower Upper

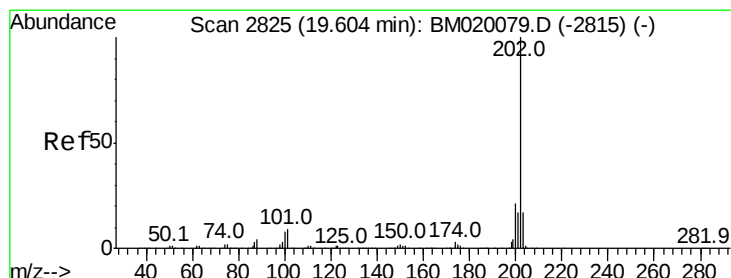
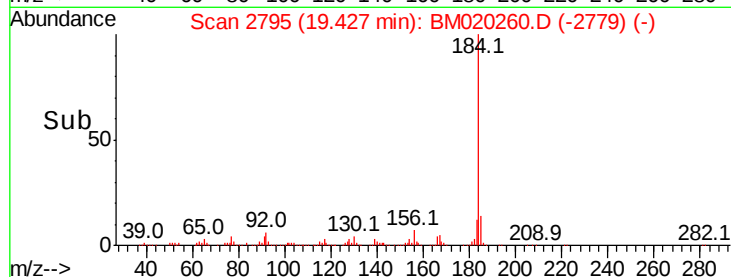
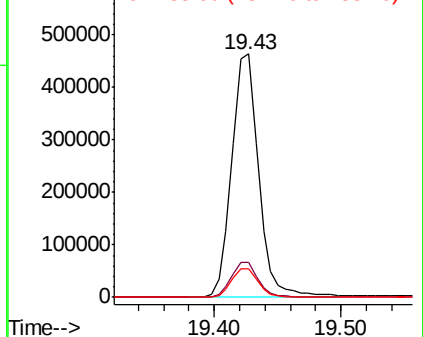
184 100

185 14.4 12.0 18.0

183 11.7 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: 52.363 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

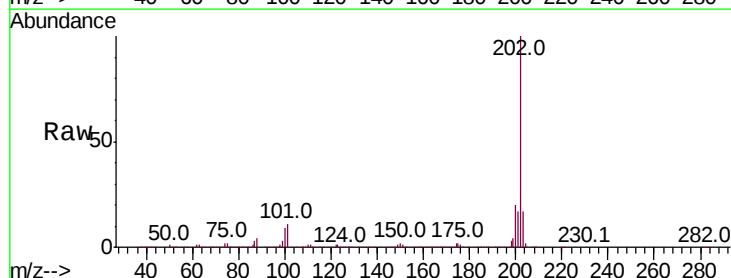
Tgt Ion:202 Resp: 1793687

Ion Ratio Lower Upper

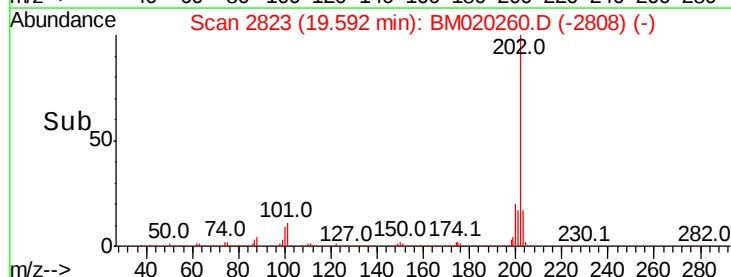
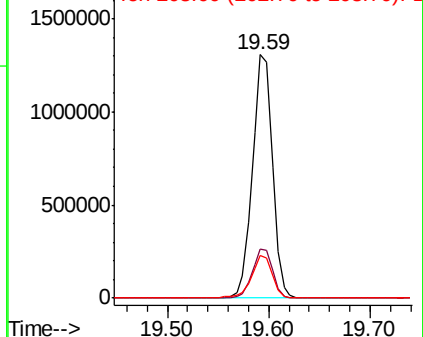
202 100

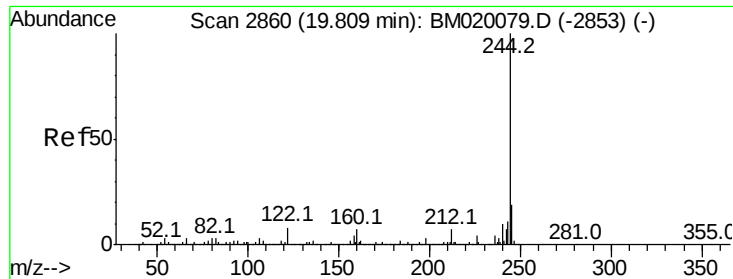
200 20.2 16.5 24.7

203 17.5 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: 98.361 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

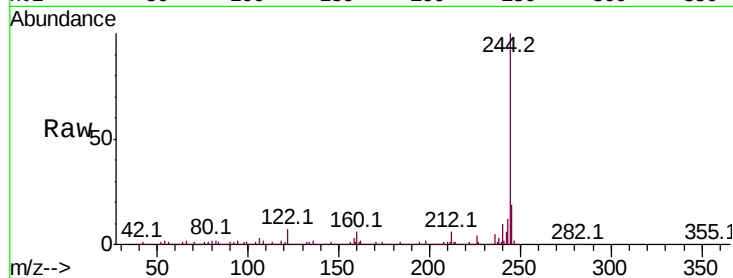
Tot Ion:244 Resp: 2877176

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

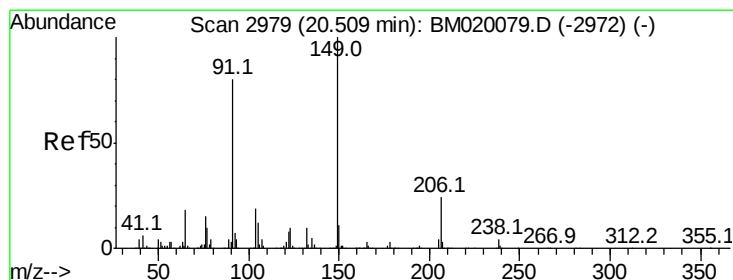
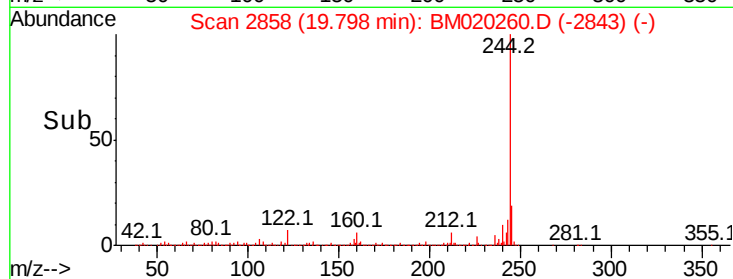
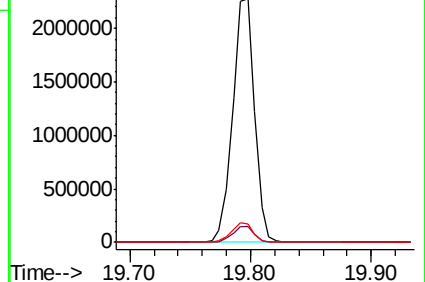
122 7.3 6.2 9.2



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: 58.605 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

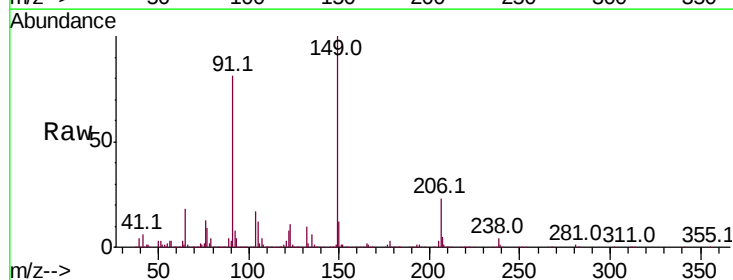
Tgt Ion:149 Resp: 730024

Ion Ratio Lower Upper

149 100

91 81.2 63.8 95.8

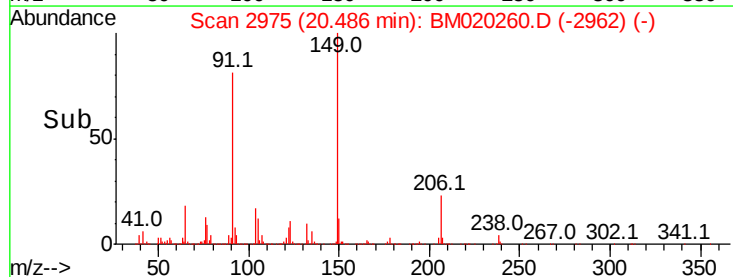
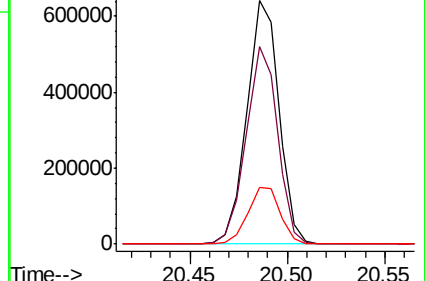
206 23.4 18.9 28.3

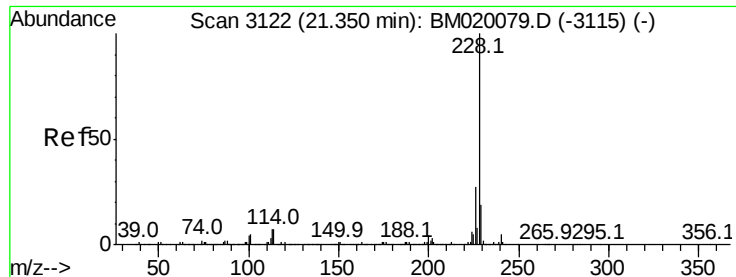


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

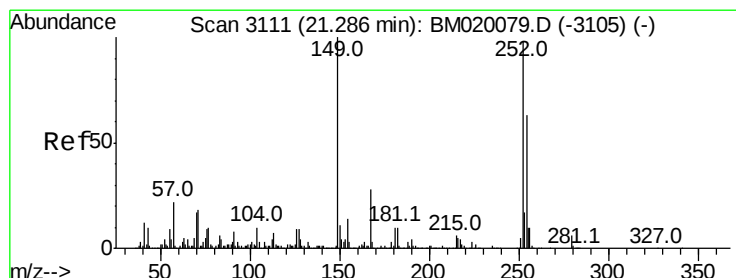
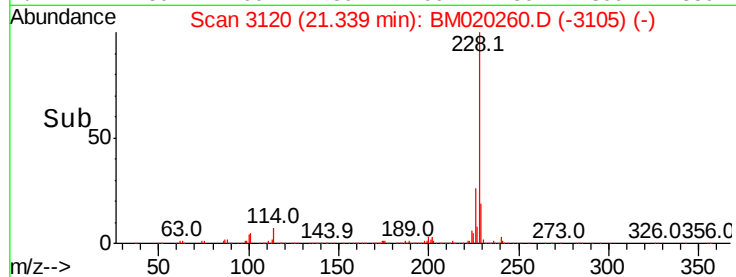
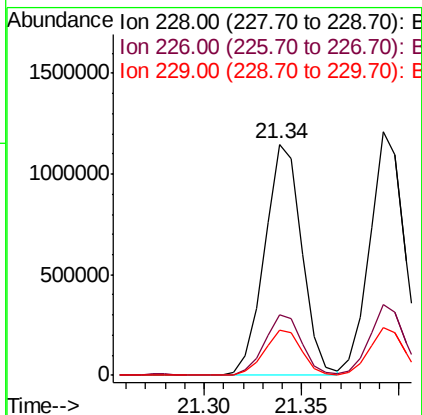
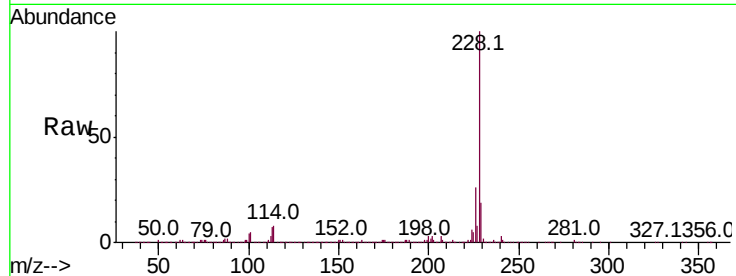




#81
Benzo(a)anthracene
Concen: 42.306 ng
RT: 21.34 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

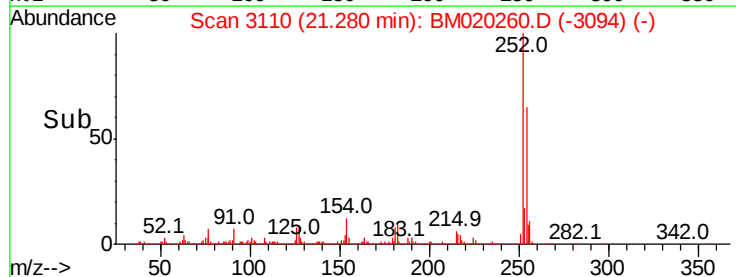
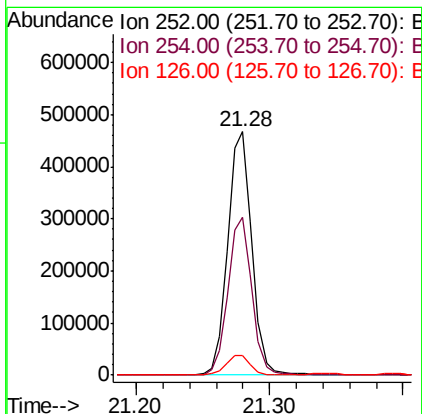
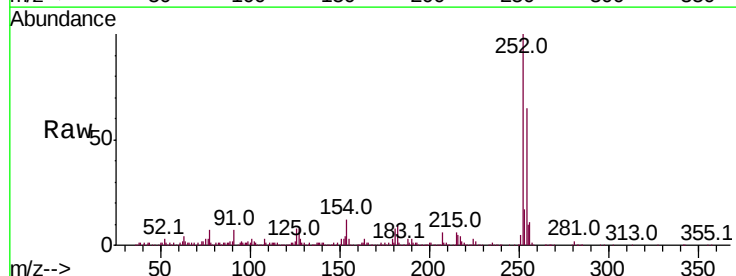
Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

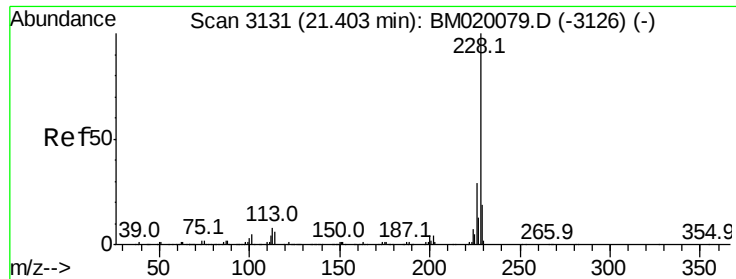
Tot Ion:228 Resp: 1513719
Ion Ratio Lower Upper
228 100
226 26.3 21.3 31.9
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 43.295 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:252 Resp: 591252
Ion Ratio Lower Upper
252 100
254 65.1 51.1 76.7
126 7.9 7.1 10.7





#83

Chrysene

Concen: 42.367 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

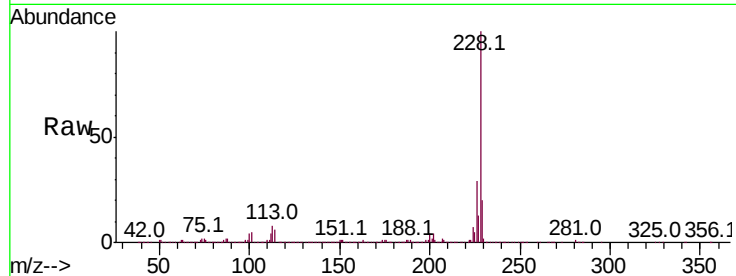
Tot Ion:228 Resp: 1470162

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	19.6	15.5	23.3

228 100

226 29.2 23.0 34.6

229 19.6 15.5 23.3

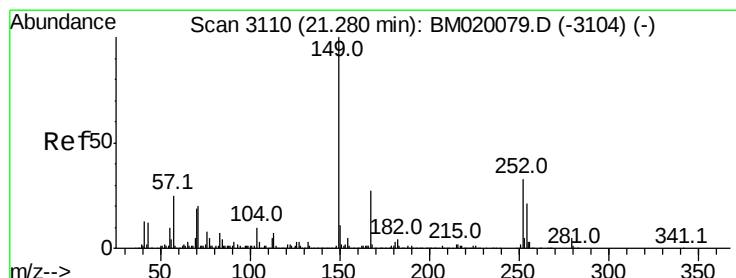
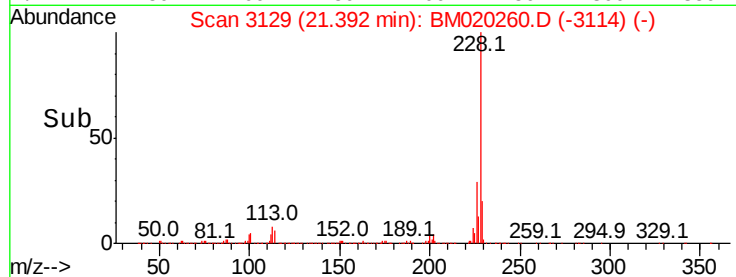
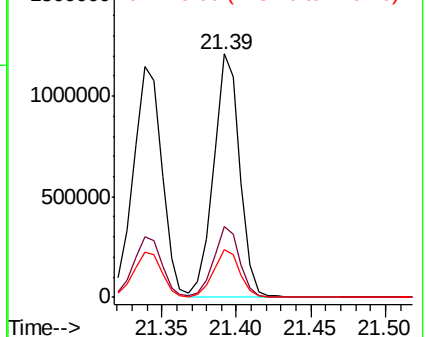


Abundance

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: 55.477 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

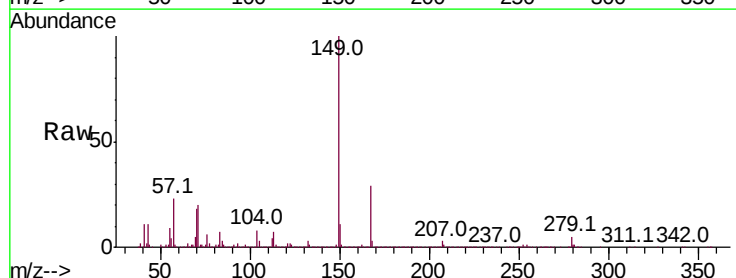
Tgt Ion:149 Resp: 1072345

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.8	32.8
279	5.5	4.2	6.2

149 100

167 28.9 21.8 32.8

279 5.5 4.2 6.2

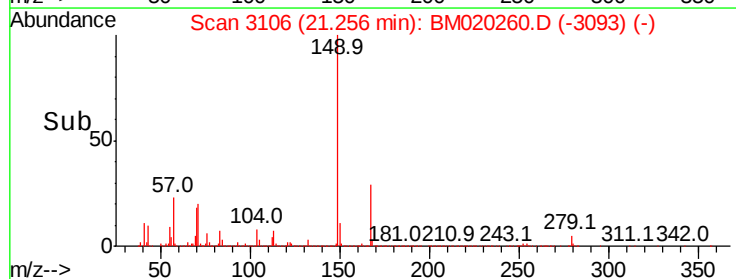
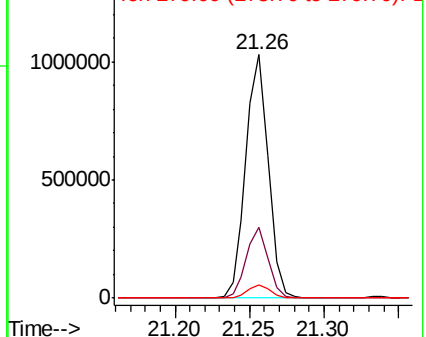


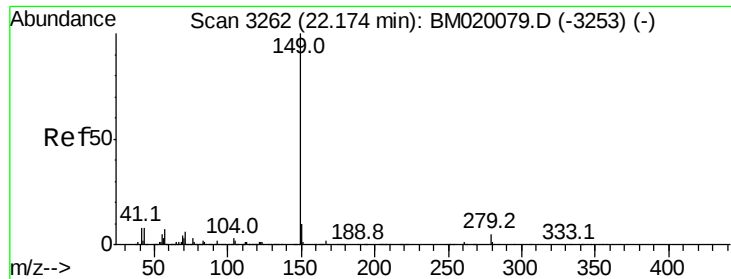
Abundance

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: 50.371 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.03 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

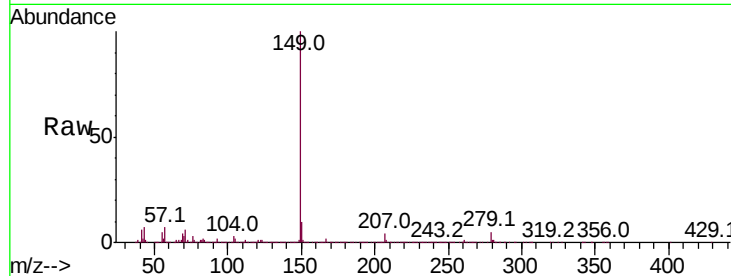
Tot Ion:149 Resp: 1618269

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

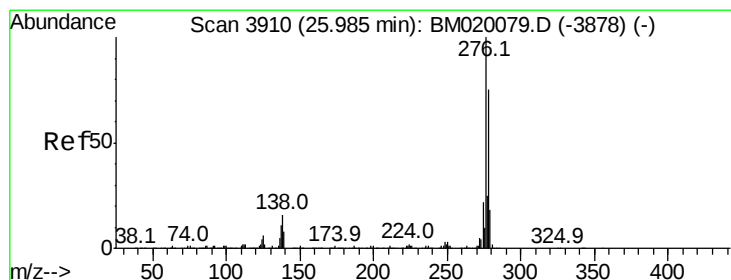
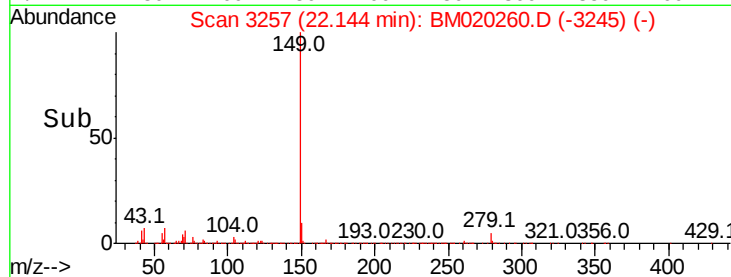
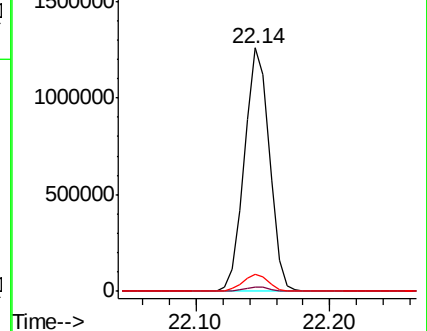
43 7.0 6.5 9.7



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: 35.707 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

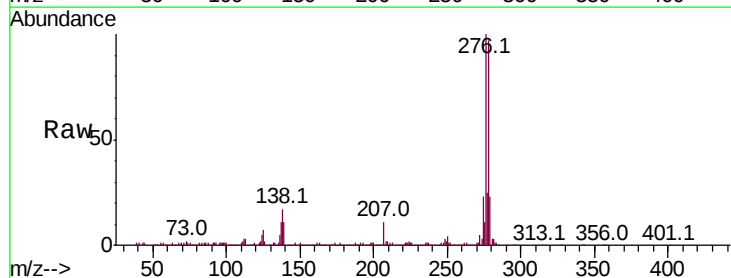
Tgt Ion:276 Resp: 1473823

Ion Ratio Lower Upper

276 100

138 17.0 0.0 0.0#

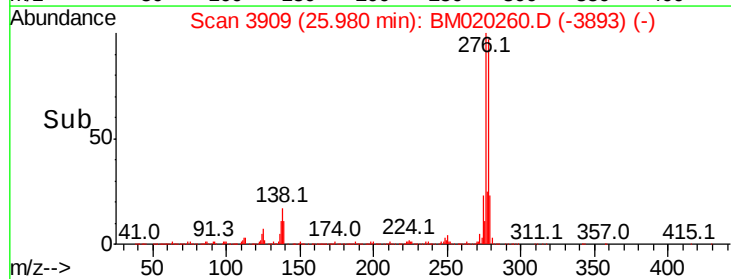
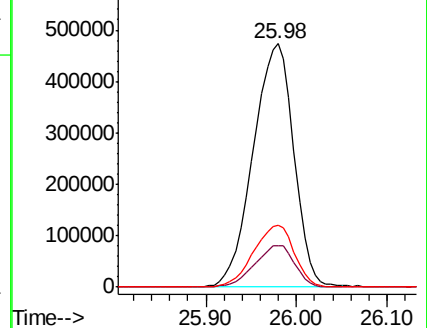
277 25.3 0.0 0.0#

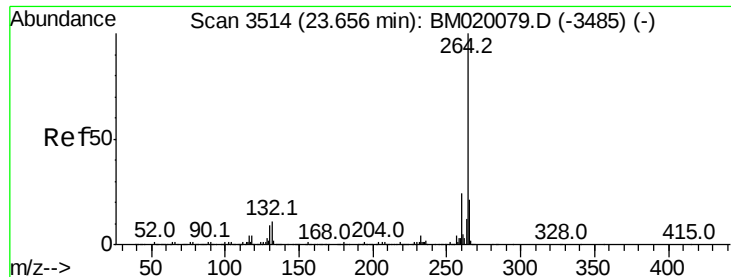


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3512

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

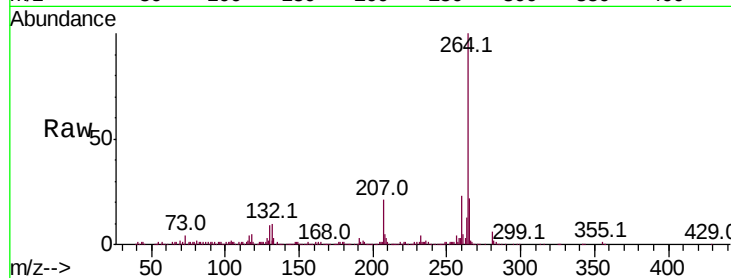
Tot Ion:264 Resp: 482509

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

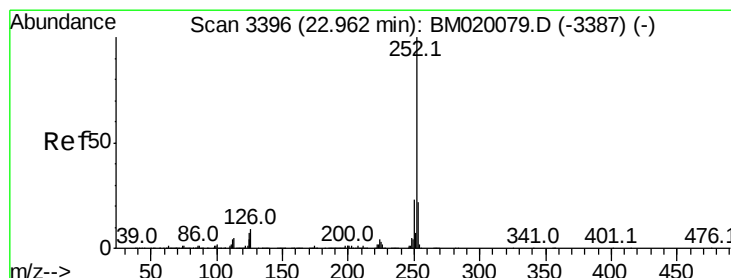
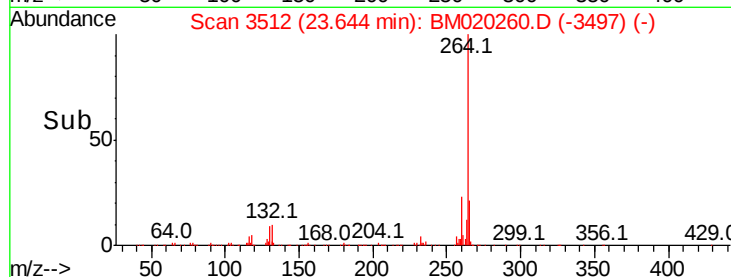
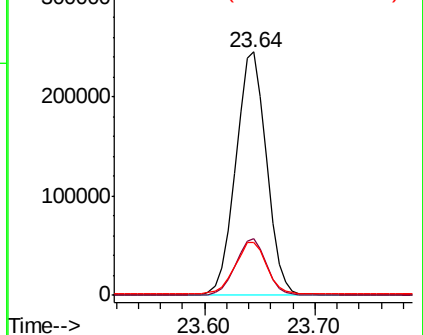
265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.808 ng

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

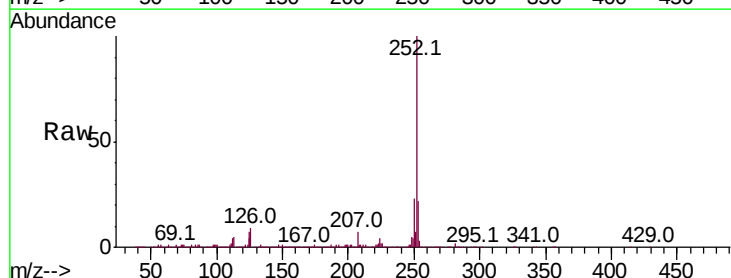
Tgt Ion:252 Resp: 1363967

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

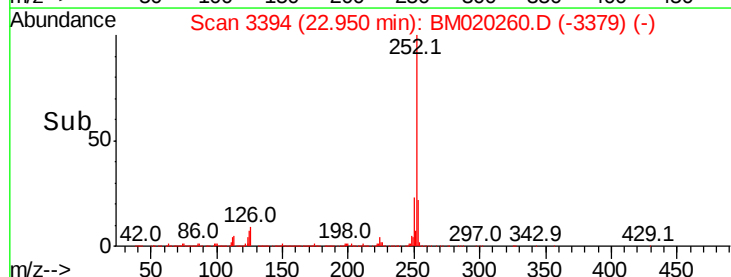
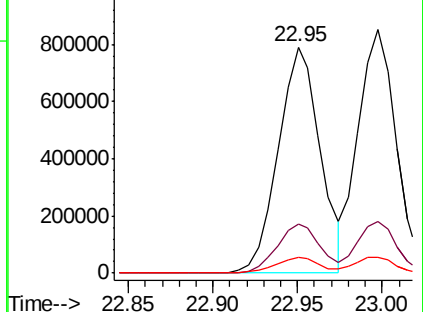
125 7.0 5.4 8.2

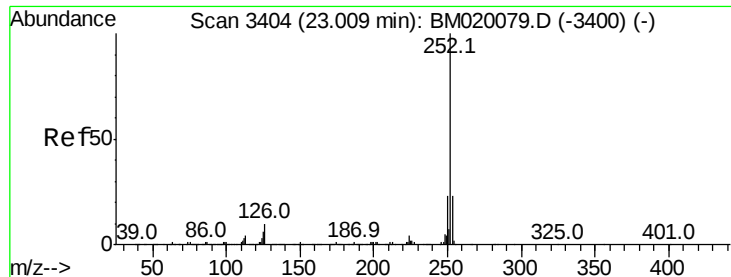


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.636 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

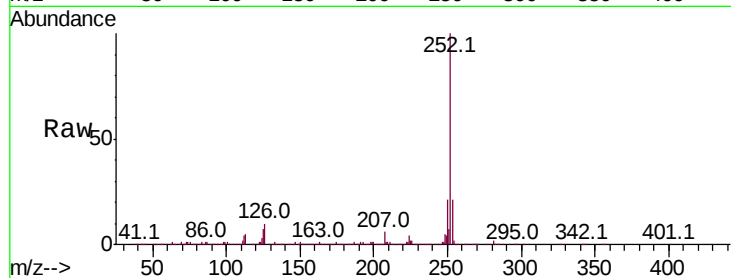
Tot Ion:252 Resp: 1326391

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

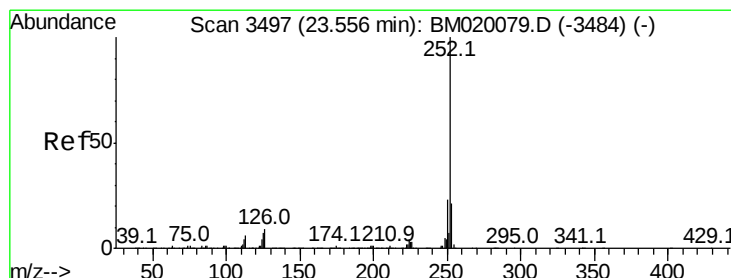
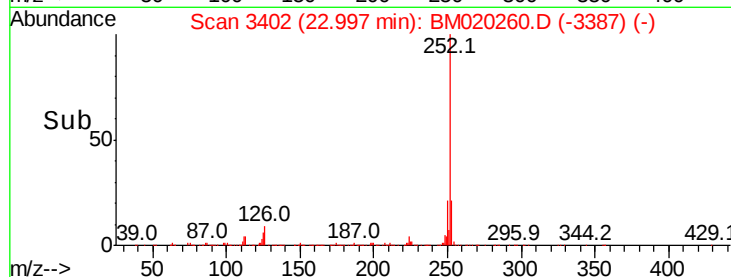
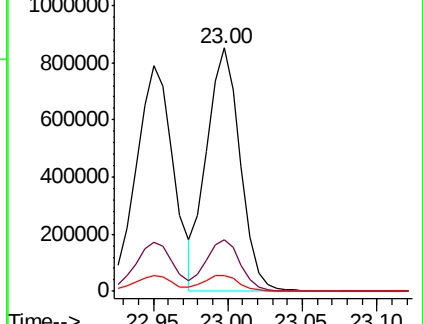
125 6.6 5.4 8.0



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: 44.356 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

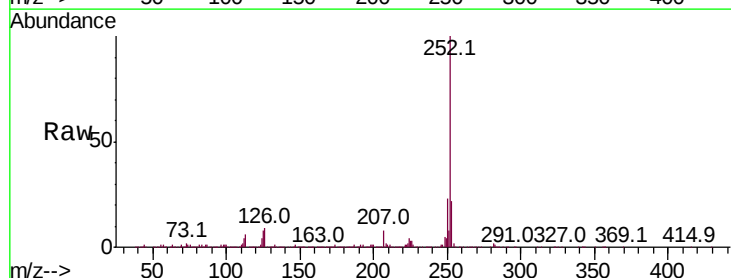
Tgt Ion:252 Resp: 1283727

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

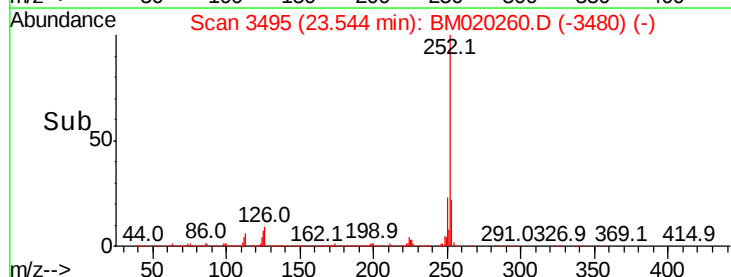
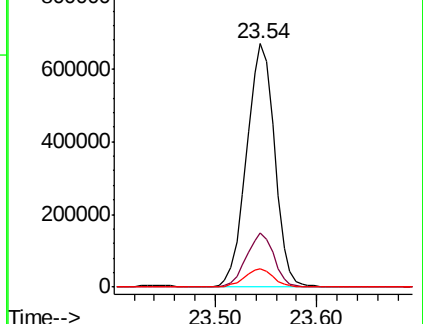
125 7.5 5.5 8.3

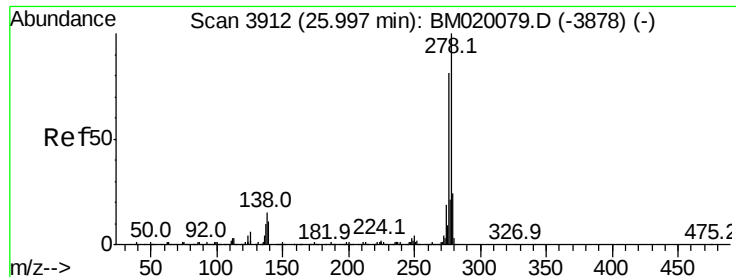


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

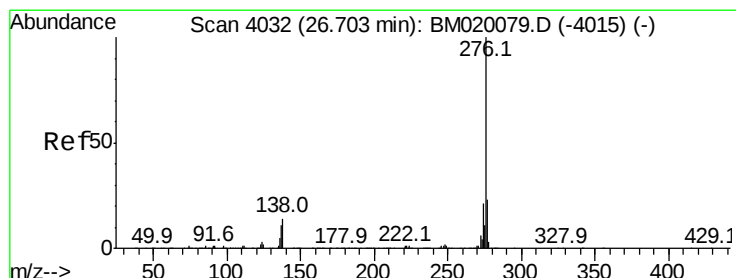
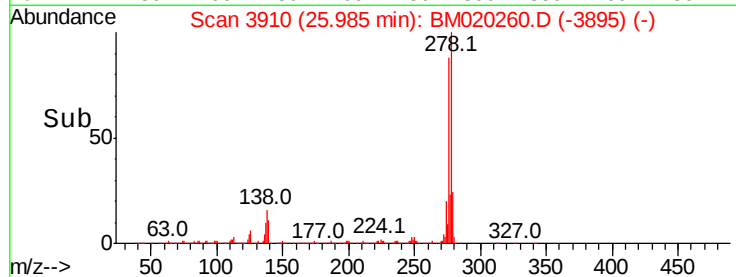
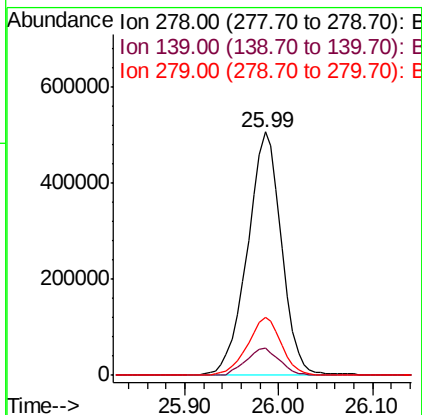
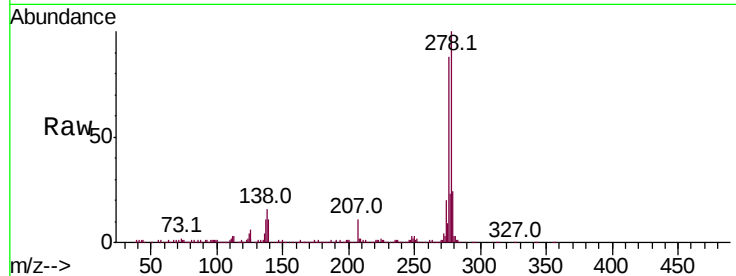




#91
Dibenzo(a,h)anthracene
Concen: 41.934 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tot Ion:278 Resp: 1262131
Ion Ratio Lower Upper
278 100
139 11.0 8.6 13.0
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.317 ng
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:276 Resp: 1209216
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 14.5 11.1 16.7

