

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
 Data File : BM020102.D
 Acq On : 02 May 2019 10:13
 Operator : JU/SJ
 Sample : PB119314BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 13:45:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	151316	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	561150	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	339852	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	760841	20.00	ng	0.00
76) Chrysene-d12	21.36	240	635335	20.00	ng	0.00
87) Perylene-d12	23.64	264	598156	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1265527	136.71	ng	0.00
7) Phenol-d6	6.95	99	1723624	136.29	ng	0.00
23) Nitrobenzene-d5	8.95	82	1079374	75.94	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	702559	133.18	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2110093	76.39	ng	0.00
79) Terphenyl-d14	19.80	244	3107334	85.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	154101	33.942	ng	94
3) Pyridine	3.70	79	398968	34.360	ng	98
4) n-Nitrosodimethylamine	3.62	42	148317	39.833	ng	92
6) Aniline	7.12	93	527640	33.144	ng	97
8) 2-Chlorophenol	7.35	128	386950	38.389	ng	98
9) Benzaldehyde	6.94	77	330876	34.568	ng	96
10) Phenol	6.98	94	529693	38.907	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	367597	37.149	ng	98
12) 1,3-Dichlorobenzene	7.67	146	425101	36.248	ng	97
13) 1,4-Dichlorobenzene	7.82	146	437227	36.906	ng	96
14) 1,2-Dichlorobenzene	8.14	146	415143	36.781	ng	97
15) Benzyl Alcohol	8.03	79	456265	37.415	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	288730	35.189	ng	98
17) 2-Methylphenol	8.22	107	340431	38.844	ng	99
18) Hexachloroethane	8.86	117	175777	35.584	ng	99
19) n-Nitroso-di-n-propylamine	8.60	70	386601	35.731	ng	95
20) 3+4-Methylphenols	8.55	107	453646	38.947	ng	97
22) Acetophenone	8.62	105	624611	40.728	ng	# 98
24) Nitrobenzene	9.00	77	569790	38.664	ng	98
25) Isophorone	9.52	82	943062	38.475	ng	99
26) 2-Nitrophenol	9.70	139	190367	42.788	ng	99
27) 2,4-Dimethylphenol	9.75	122	349685	47.209	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	513773	38.486	ng	99
29) 2,4-Dichlorophenol	10.22	162	390079	41.764	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	459407	39.974	ng	98
31) Naphthalene	10.63	128	1143871	39.281	ng	99
32) Benzoic acid	9.88	122	190309	37.748	ng	94
33) 4-Chloroaniline	10.75	127	248919	20.768	ng	98
34) Hexachlorobutadiene	10.90	225	313855	38.605	ng	98
35) Caprolactam	11.53	113	86669	31.033	ng	95
36) 4-Chloro-3-methylphenol	11.86	107	423997	38.629	ng	97
37) 2-Methylnaphthalene	12.25	142	860399	40.528	ng	98
38) 1-Methylnaphthalene	12.46	142	810624	39.048	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	552474	41.551	ng	99

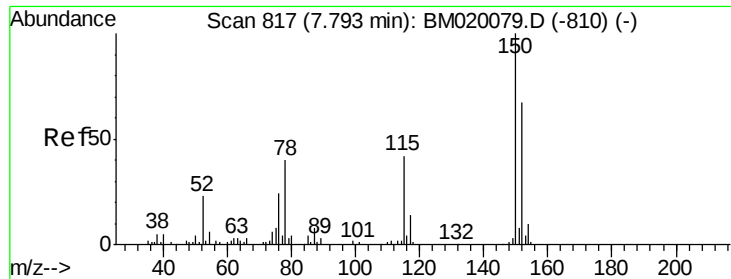
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	832931	106.392	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	334696	44.292	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	355767	42.143	ng	99
46) 1,1'-Biphenyl	13.26	154	1121102	40.078	ng	98
47) 2-Chloronaphthalene	13.30	162	887982	39.759	ng	99
48) 2-Nitroaniline	13.52	65	302985	38.105	ng	95
49) Acenaphthylene	14.15	152	1350234	37.775	ng	99
50) Dimethylphthalate	13.89	163	1085908	37.594	ng	98
51) 2,6-Dinitrotoluene	14.02	165	236972	38.952	ng	97
52) Acenaphthene	14.49	154	802600	39.156	ng	99
53) 3-Nitroaniline	14.35	138	137085	24.278	ng	97
54) 2,4-Dinitrophenol	14.55	184	257537	84.034	ng	92
55) Dibenzofuran	14.83	168	1328298	38.419	ng	100
56) 4-Nitrophenol	14.65	139	359563	74.635	ng	96
57) 2,4-Dinitrotoluene	14.80	165	314350	38.026	ng	98
58) Fluorene	15.48	166	1071682	37.742	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	330305	41.173	ng	98
60) Diethylphthalate	15.26	149	1068929	36.732	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	628150	39.043	ng	96
62) 4-Nitroaniline	15.51	138	210353	33.757	ng	95
63) Azobenzene	15.77	77	1239131	36.094	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	154402	41.381	ng	95
66) n-Nitrosodiphenylamine	15.69	169	918069	41.007	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	379592	40.686	ng	98
68) Hexachlorobenzene	16.47	284	433102	40.340	ng	99
69) Atrazine	16.64	200	334243	38.203	ng	99
70) Pentachlorophenol	16.82	266	510577	83.117	ng	97
71) Phenanthrene	17.22	178	1623323	38.651	ng	100
72) Anthracene	17.31	178	1662913	39.601	ng	99
73) Carbazole	17.58	167	1376800	36.337	ng	99
74) Di-n-butylphthalate	18.14	149	1638250	35.928	ng	98
75) Fluoranthene	19.23	202	1859902	35.000	ng	99
77) Benzidine	19.43	184	807246	39.742	ng	98
78) Pyrene	19.60	202	1893545	44.391	ng	99
80) Butylbenzylphthalate	20.50	149	644460	41.546	ng	98
81) Benzo(a)anthracene	21.34	228	1665404	37.378	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	502231	29.533	ng	100
83) Chrysene	21.40	228	1647741	38.132	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	892279	37.070	ng	100
85) Di-n-octyl phthalate	22.16	149	1417818	35.440	ng	99
86) Indeno(1,2,3-cd)pyrene	25.97	276	1747407	33.997	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1580083	40.003	ng	99
89) Benzo(k)fluoranthene	23.00	252	1585606	44.007	ng	99
90) Benzo(a)pyrene	23.54	252	1517496	42.296	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1513931	40.575	ng	98
92) Benzo(g,h,i)perylene	26.68	276	1451275	40.969	ng	99

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

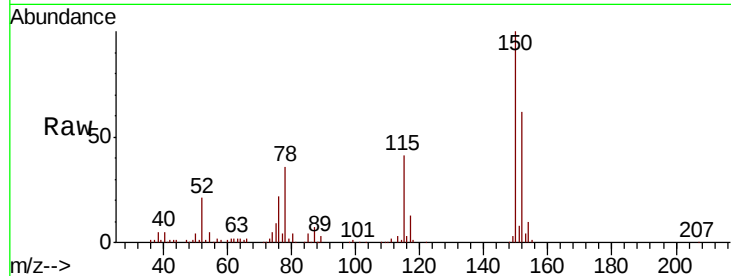


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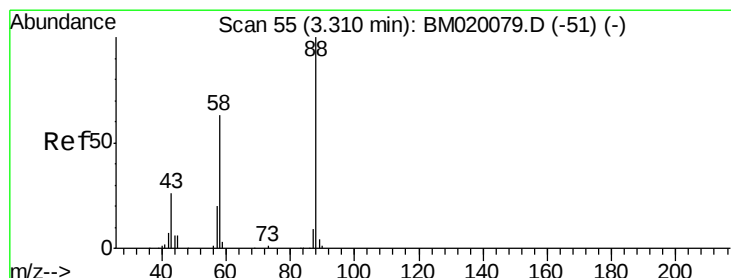
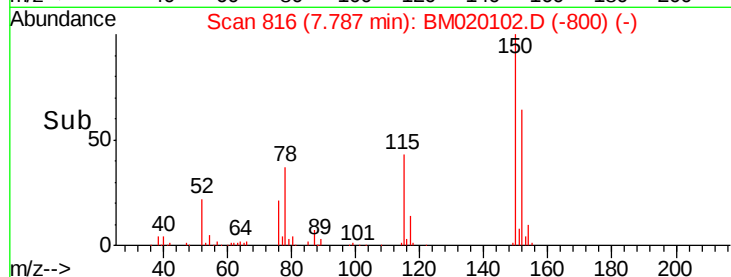
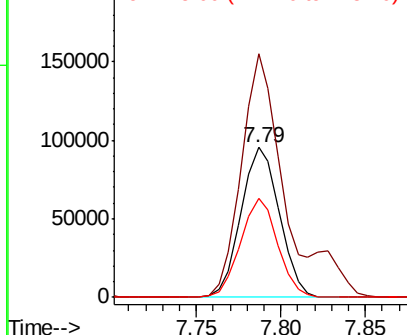
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 151316
Ion Ratio Lower Upper
152 100
150 162.5 119.8 179.8
115 66.3 50.8 76.2



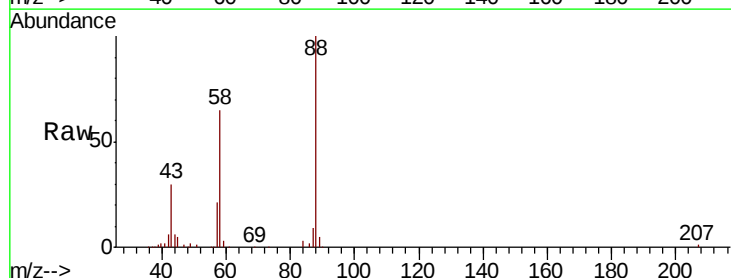
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



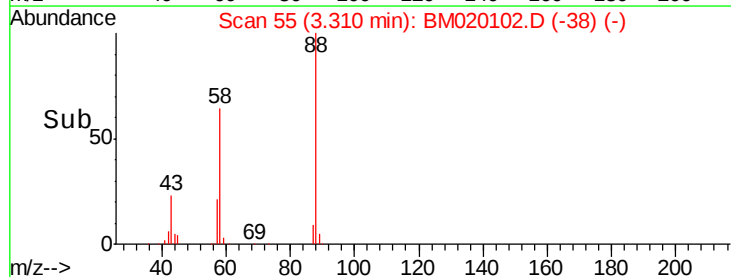
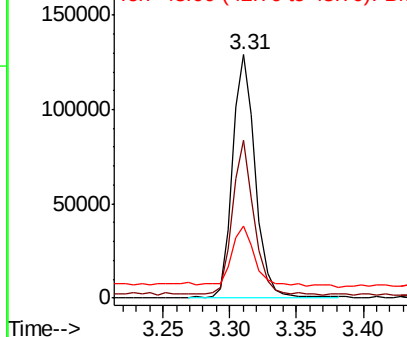
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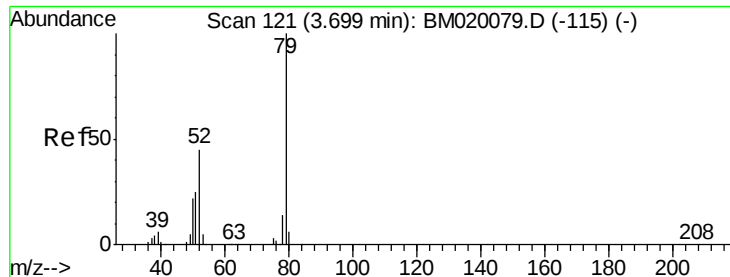
1,4-Dioxane
Concen: 33.942 ng
RT: 3.31 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion: 88 Resp: 154101
Ion Ratio Lower Upper
88 100
58 59.8 51.8 77.6
43 27.3 20.3 30.5



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.360 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

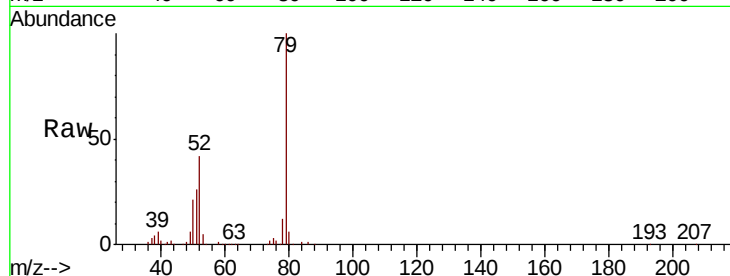
Tot Ion: 79 Resp: 398968

Ion Ratio Lower Upper

79 100

52 42.3 35.7 53.5

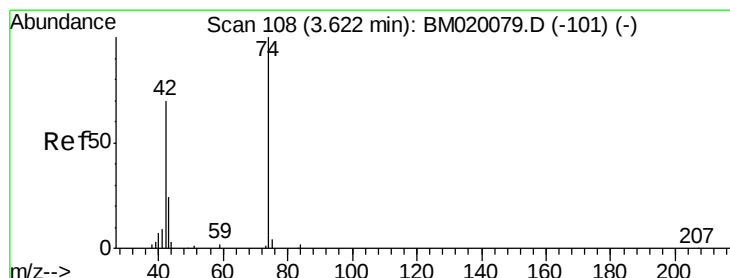
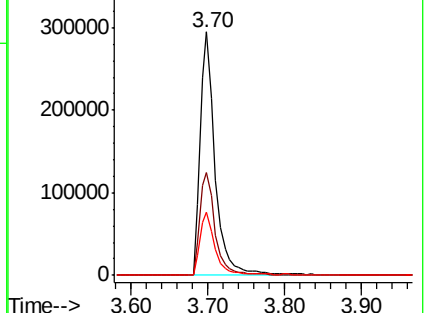
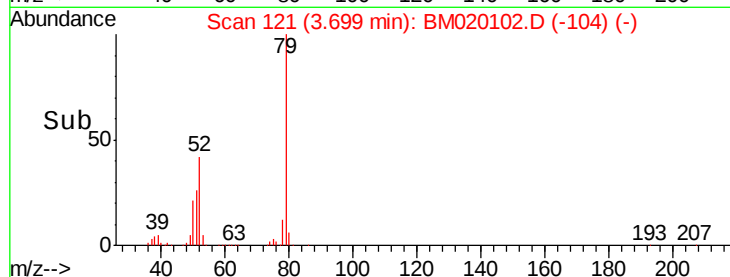
51 26.0 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020102.D (-104) (-)

Ion 52.00 (51.70 to 52.70): BM020102.D (-104) (-)

Ion 51.00 (50.70 to 51.70): BM020102.D (-104) (-)



#4

n-Nitrosodimethylamine

Concen: 39.833 ng

RT: 3.62 min Scan# 108

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

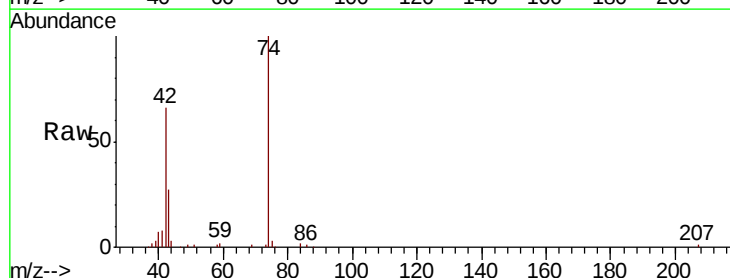
Tgt Ion: 42 Resp: 148317

Ion Ratio Lower Upper

42 100

74 152.0 113.7 170.5

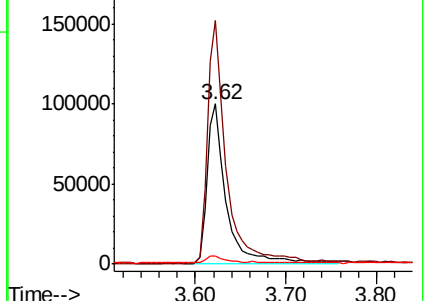
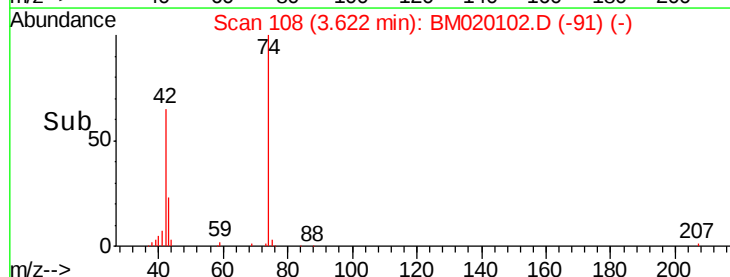
44 5.2 3.9 5.9

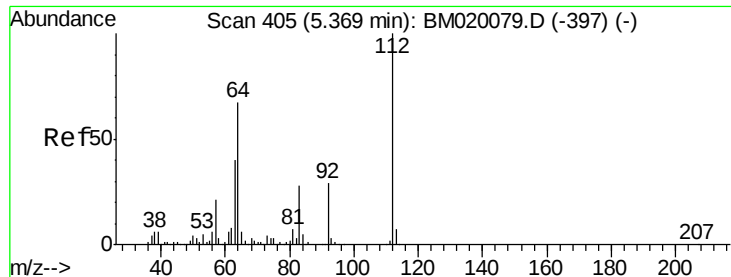


Abundance Ion 42.00 (41.70 to 42.70): BM020102.D (-91) (-)

Ion 74.00 (73.70 to 74.70): BM020102.D (-91) (-)

Ion 44.00 (43.70 to 44.70): BM020102.D (-91) (-)





#5

2-Fluorophenol

Concen: 136.709 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

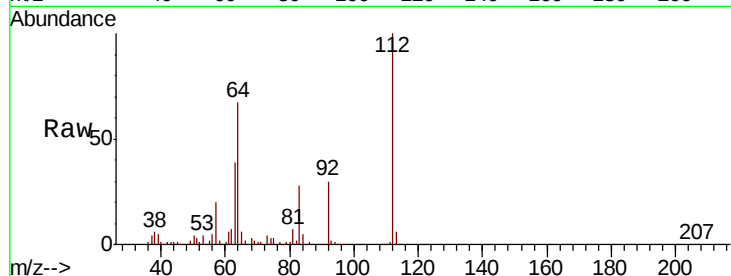
Instrument :

BNA_M

ClientSampleId :

Tot Ion:112 Resp: 1265527

Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.8	80.6
63	39.1	32.3	48.5

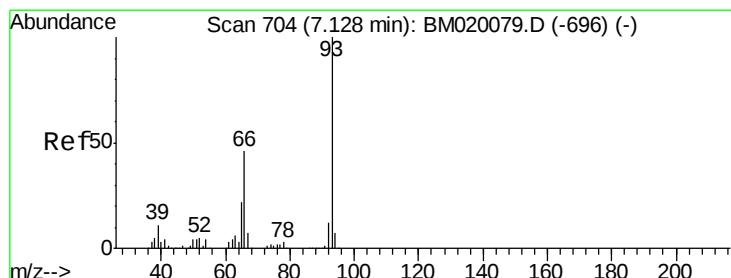
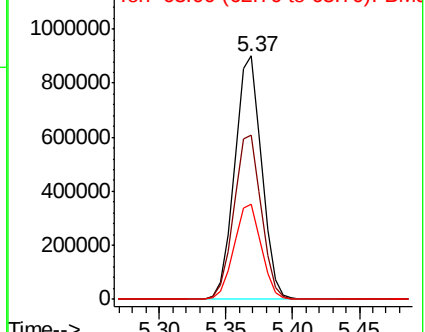
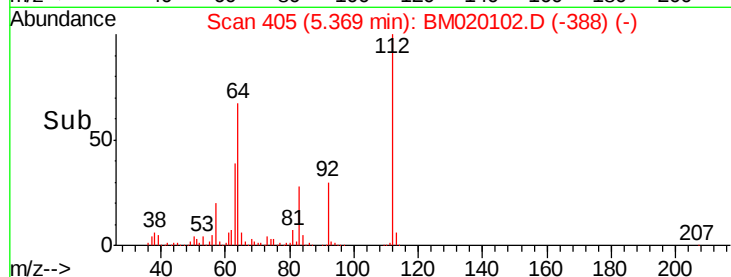


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 33.144 ng

RT: 7.12 min Scan# 703

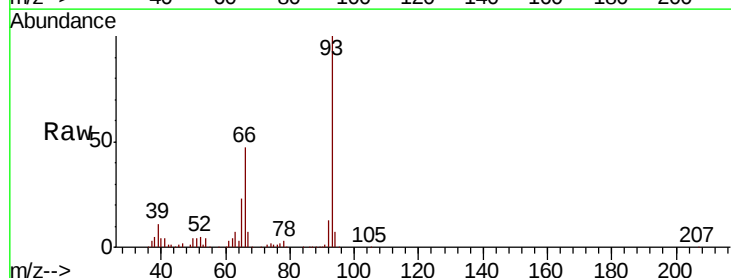
Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Tgt Ion: 93 Resp: 527640

Ion	Ratio	Lower	Upper
93	100		
66	47.5	36.6	54.8
65	23.4	17.8	26.6

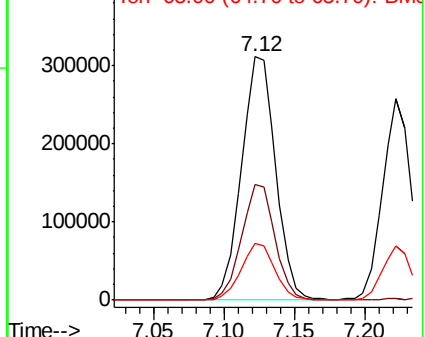
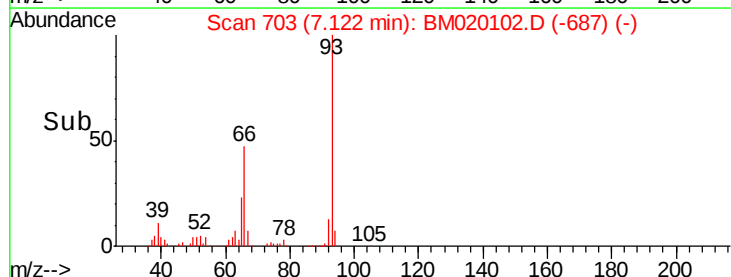


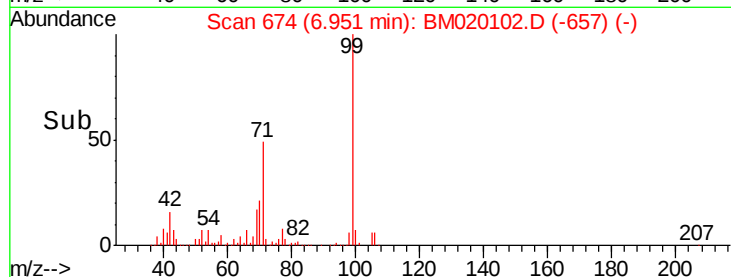
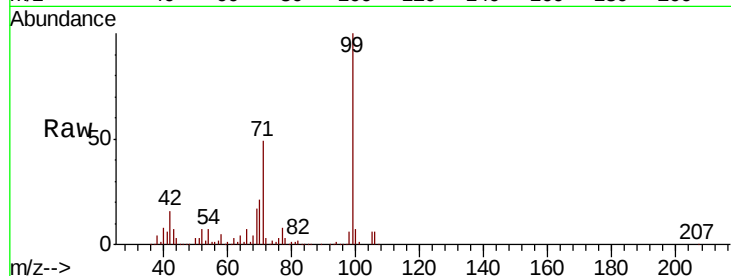
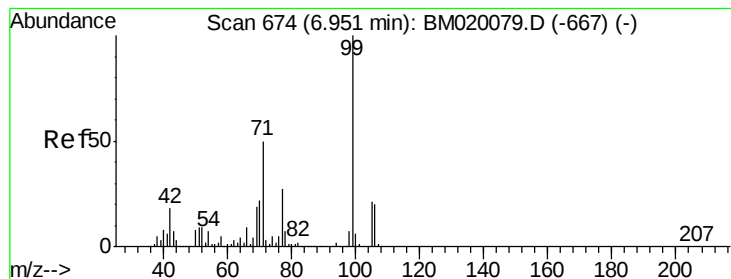
Abundance

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: 136.292 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampled :

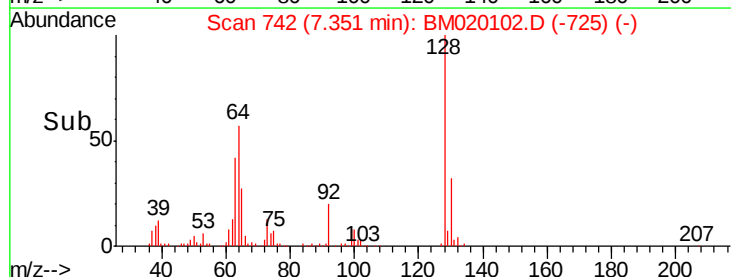
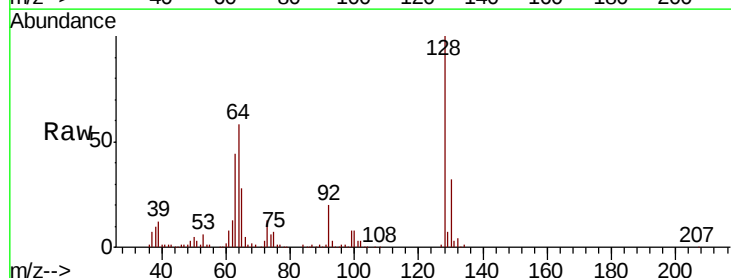
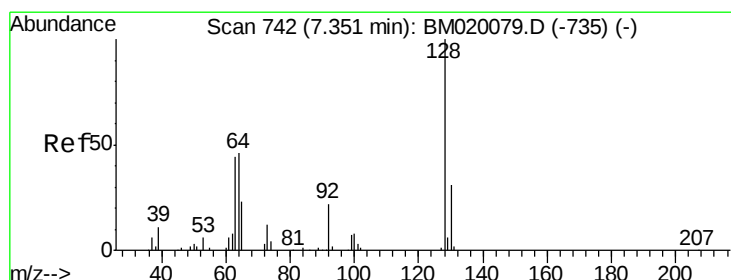
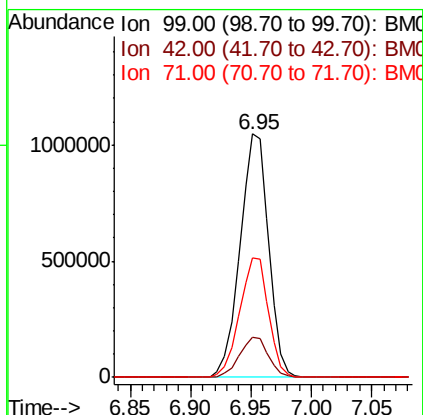
Tot Ion: 99 Resp: 1723624

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

71 49.3 40.3 60.5



#8

2-Chlorophenol

Concen: 38.389 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

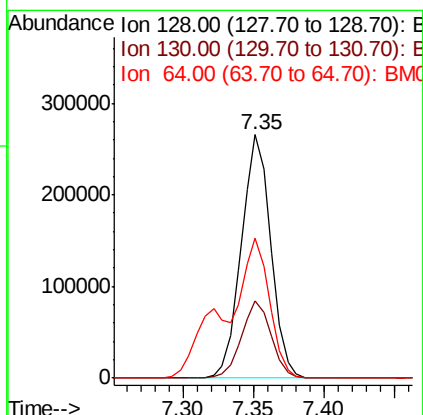
Tgt Ion: 128 Resp: 386950

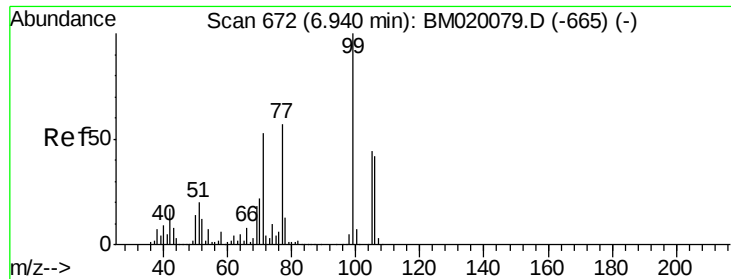
Ion Ratio Lower Upper

128 100

130 31.8 10.8 50.8

64 57.5 36.5 76.5





#9

Benzaldehyde

Concen: 34.568 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampled :

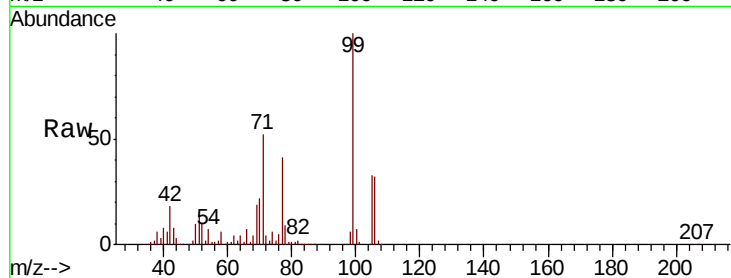
Tot Ion: 77 Resp: 330876

Ion Ratio Lower Upper

77 100

105 81.3 57.8 97.8

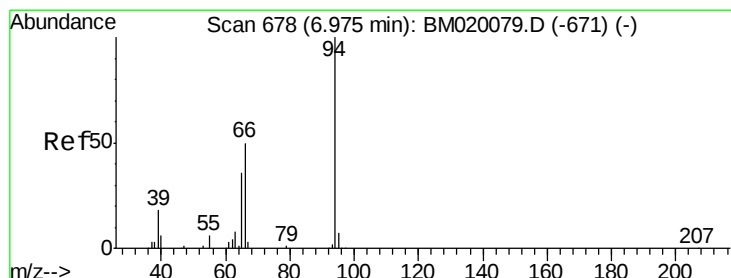
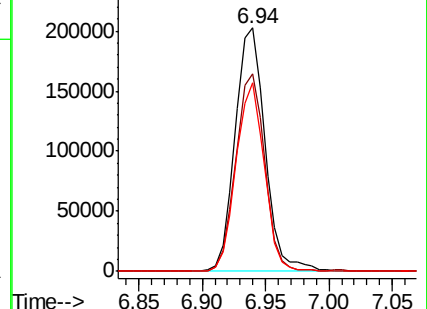
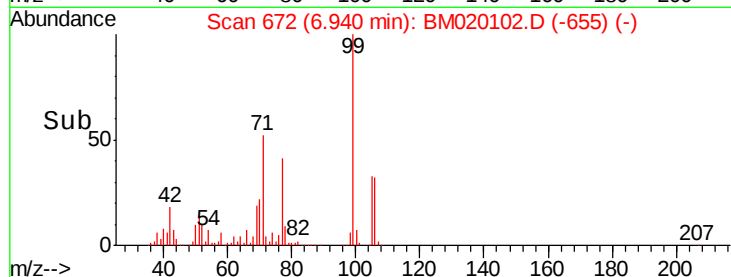
106 77.4 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020102.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020102.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020102.D (-665) (-)



#10

Phenol

Concen: 38.907 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

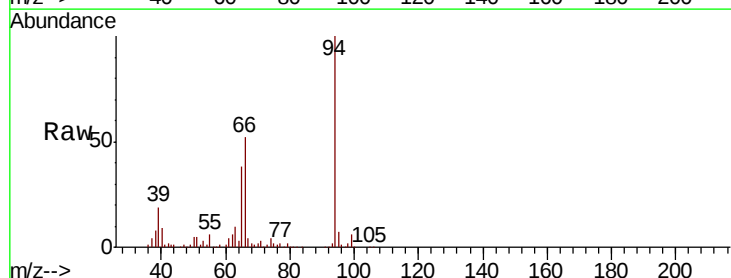
Tgt Ion: 94 Resp: 529693

Ion Ratio Lower Upper

94 100

65 37.6 17.0 57.0

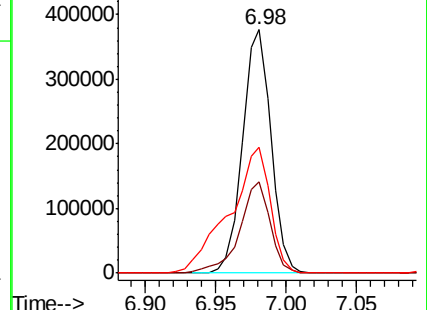
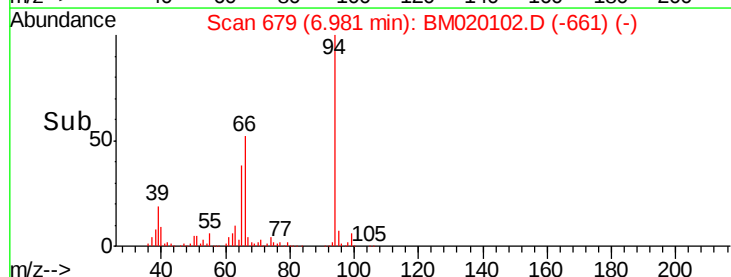
66 51.8 34.5 74.5

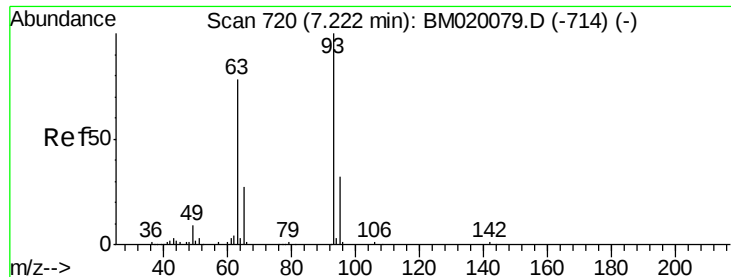


Abundance Ion 94.00 (93.70 to 94.70): BM020102.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020102.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020102.D (-661) (-)

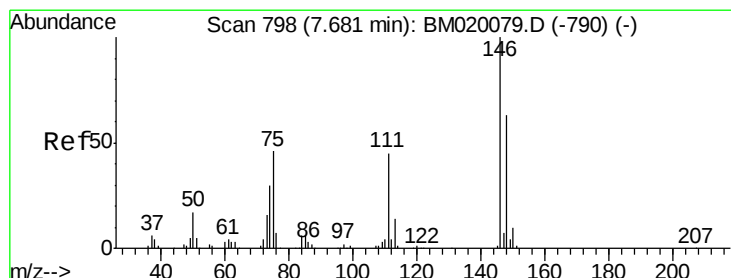
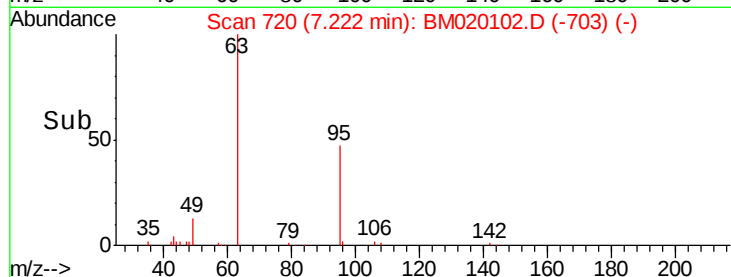
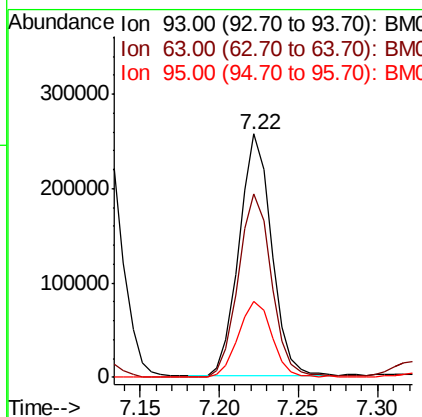
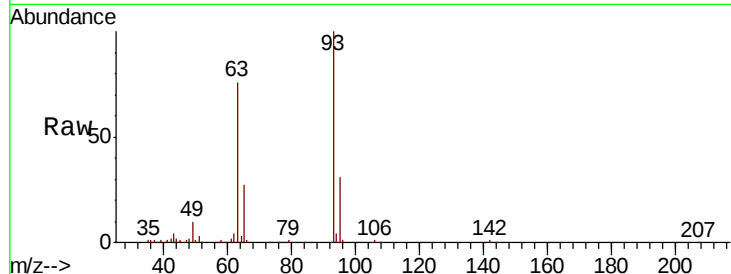




#11
bis(2-Chloroethyl)ether
Concen: 37.149 ng
RT: 7.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

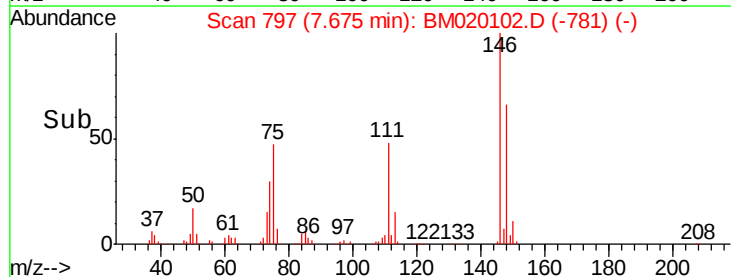
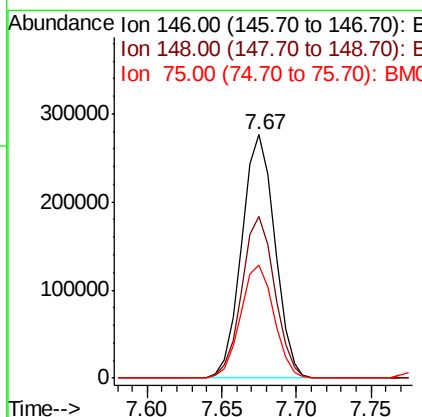
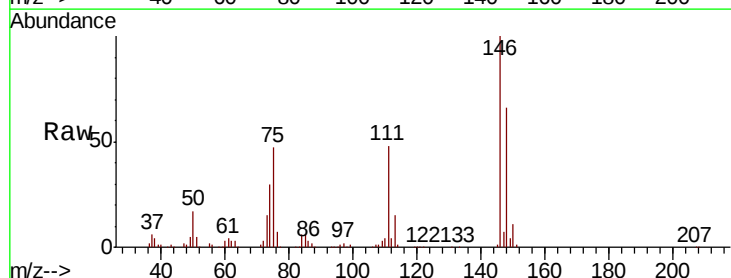
Instrument :
BNA_M
ClientSampleId :

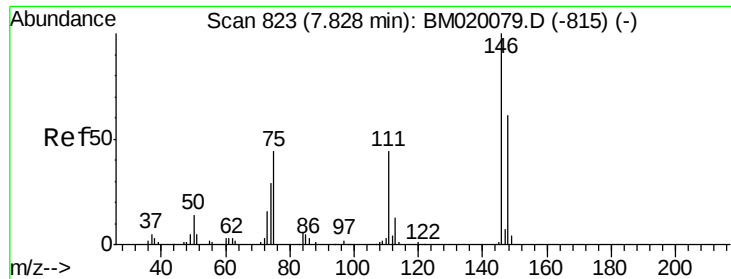
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	57.9	97.9
95	31.4	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 36.248 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.1	75.1
75	46.6	37.2	55.8

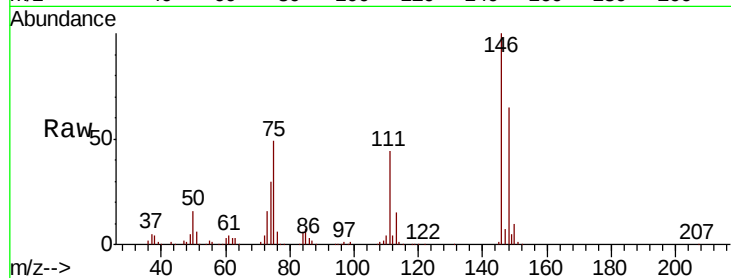




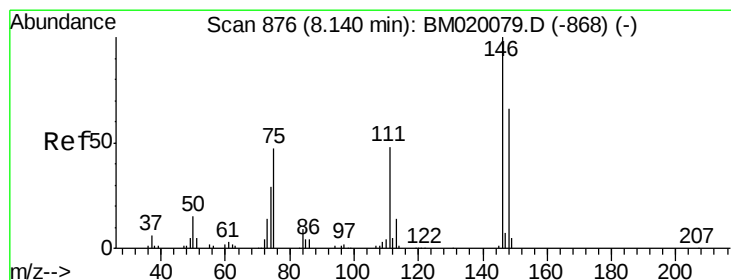
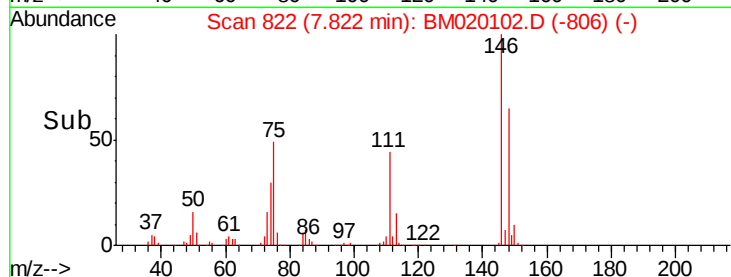
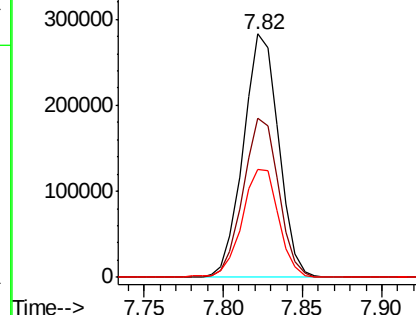
#13
 1,4-Dichlorobenzene
 Concen: 36.906 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 437227
 Ion Ratio Lower Upper
 146 100
 148 65.3 48.5 72.7
 111 44.4 35.7 53.5

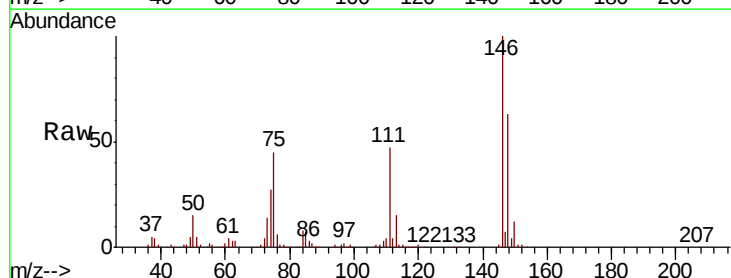


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

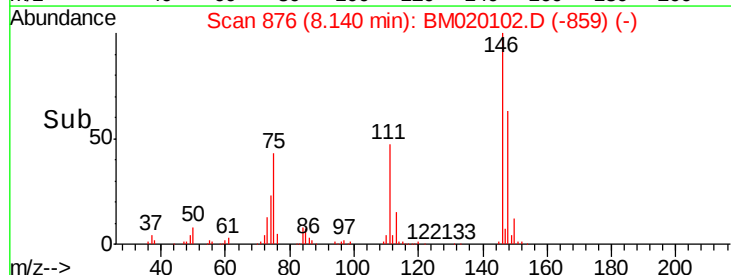
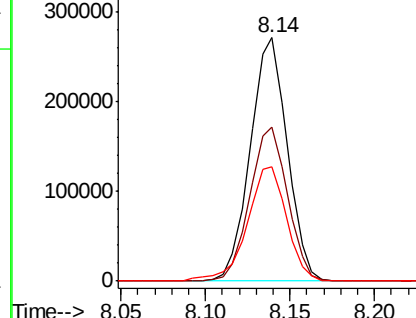


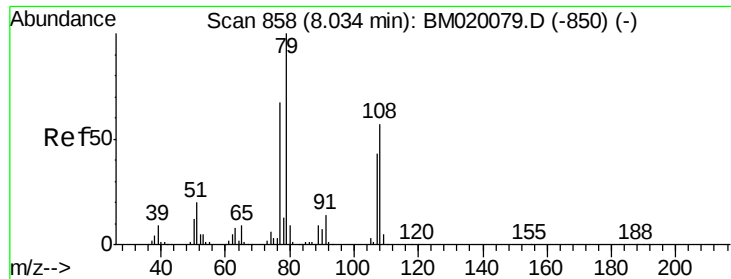
#14
 1,2-Dichlorobenzene
 Concen: 36.781 ng
 RT: 8.14 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion:146 Resp: 415143
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.6 79.0
 111 47.1 39.0 58.4



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

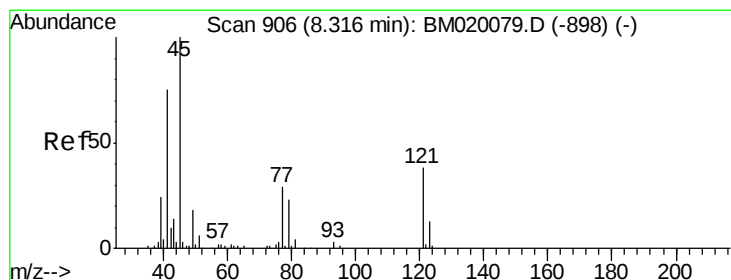
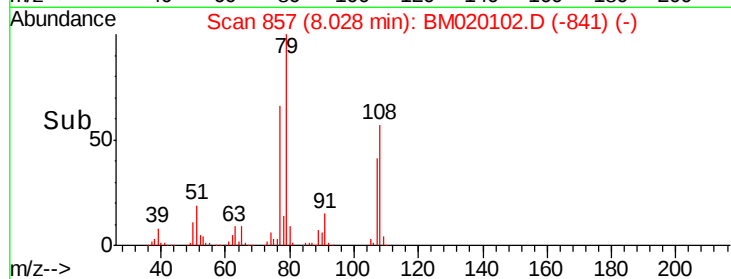
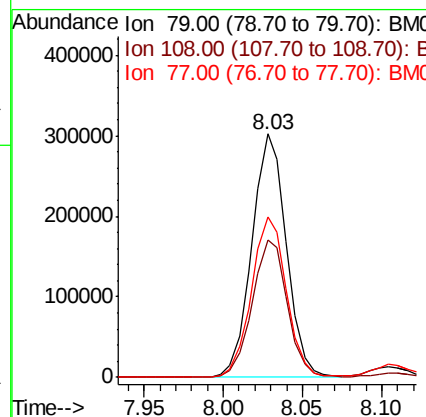
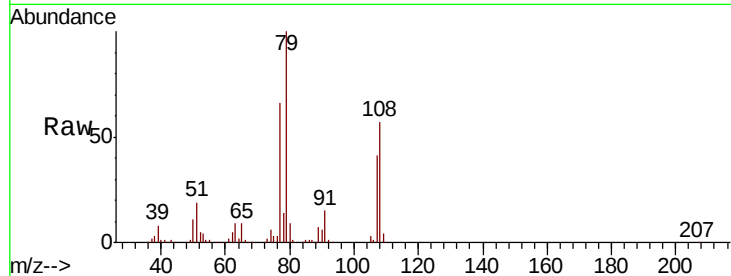




#15
Benzyl Alcohol
Concen: 37.415 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

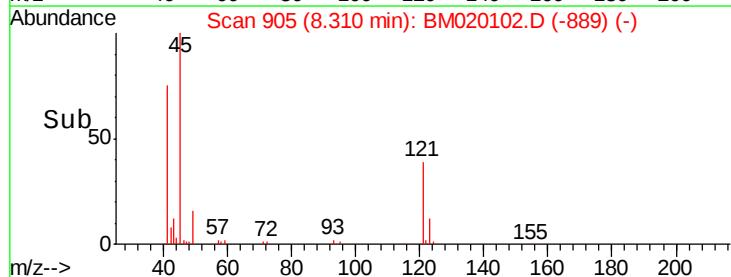
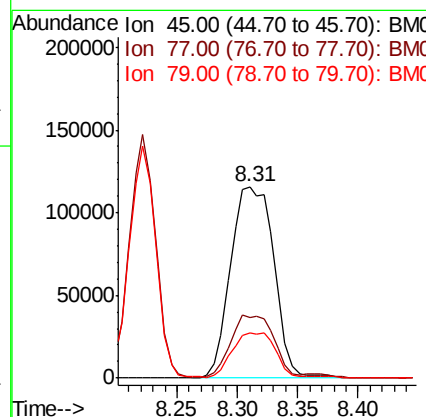
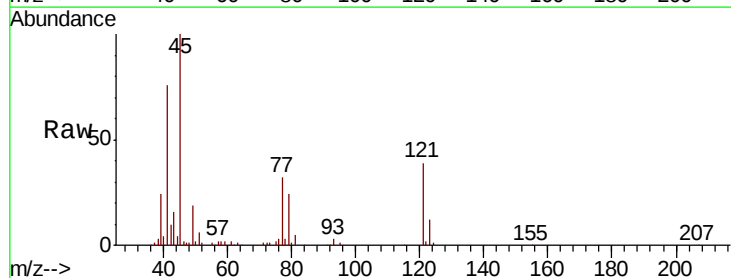
Instrument :
BNA_M
ClientSampleId :

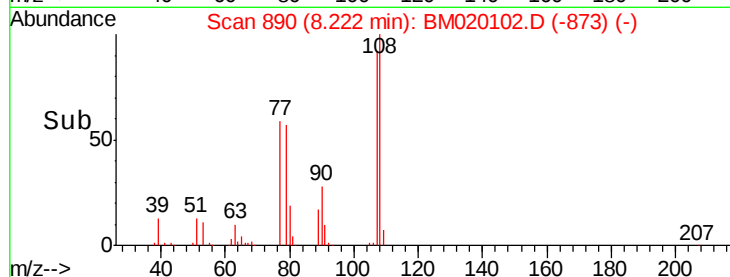
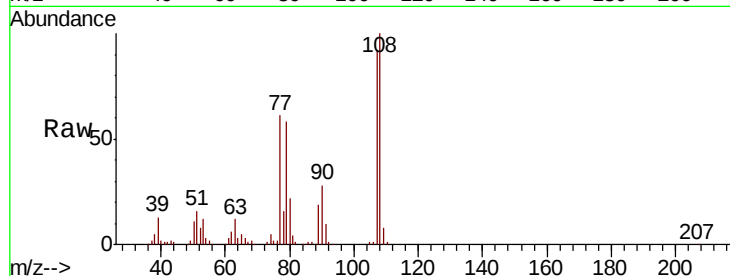
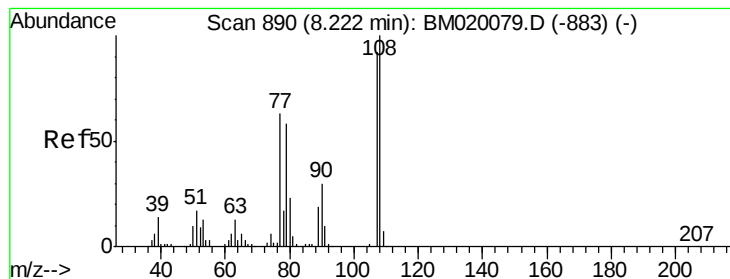
Tot Ion	Ratio	Lower	Upper
79	100		
108	56.7	46.0	69.0
77	66.1	53.8	80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.189 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.8	10.5	50.5
79	23.9	3.3	43.3





#17

2-Methylphenol

Concen: 38.844 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 340431

Ion Ratio Lower Upper

107 100

108 108.9 87.0 130.4

77 65.9 54.7 82.1

79 63.0 50.1 75.1

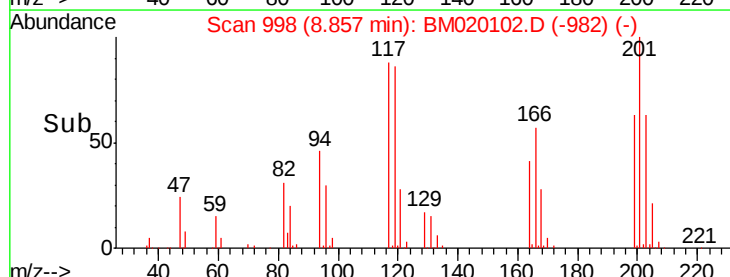
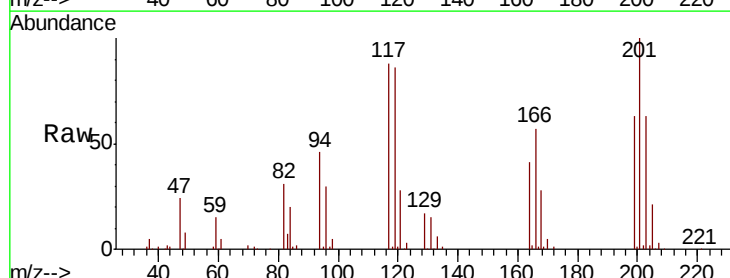
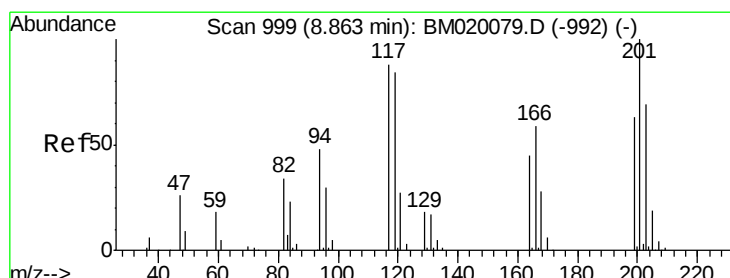
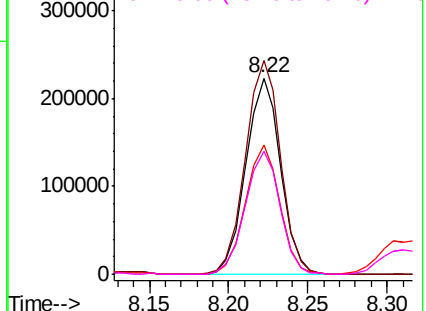
Abundance

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): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 35.584 ng

RT: 8.86 min Scan# 998

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Tgt Ion:117 Resp: 175777

Ion Ratio Lower Upper

117 100

119 97.9 76.6 114.8

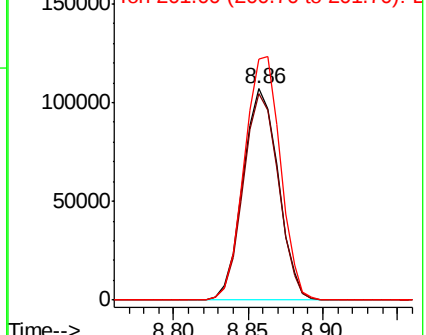
201 114.0 90.7 136.1

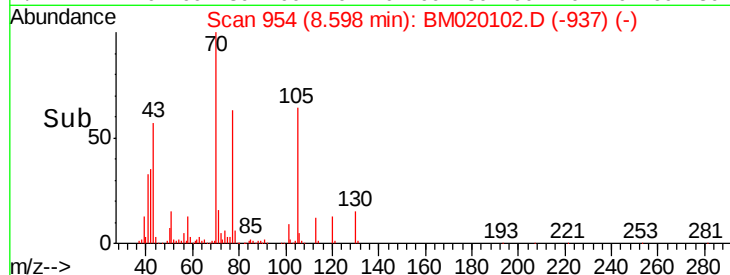
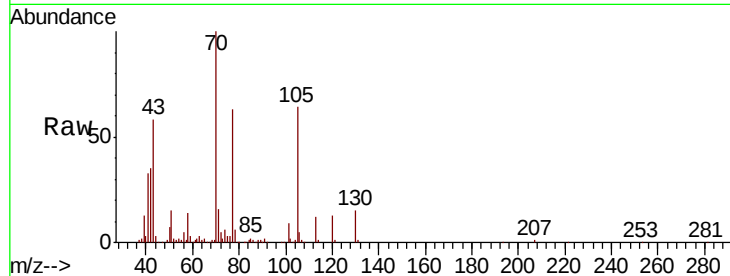
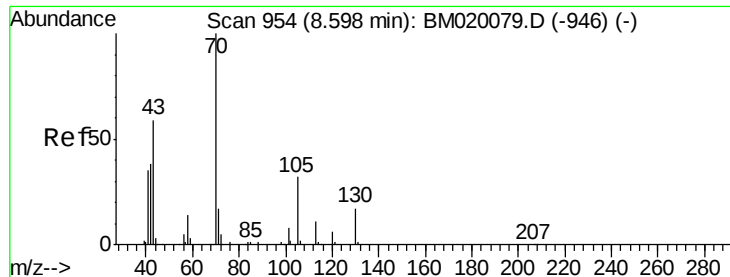
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

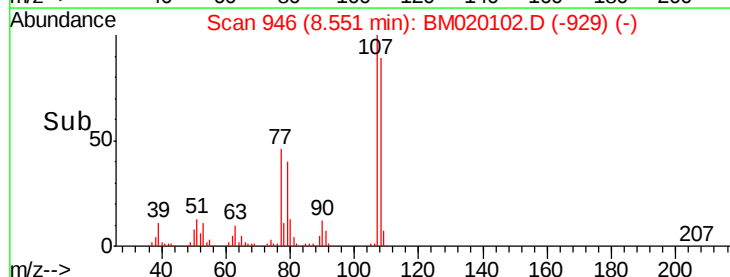
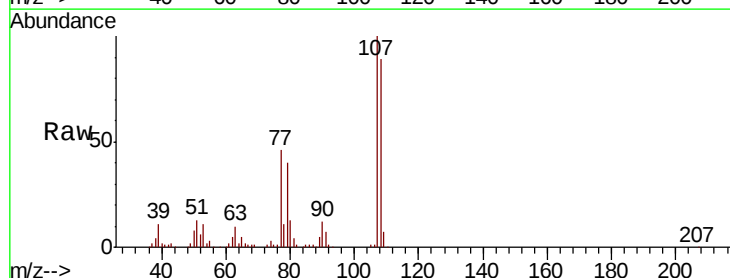
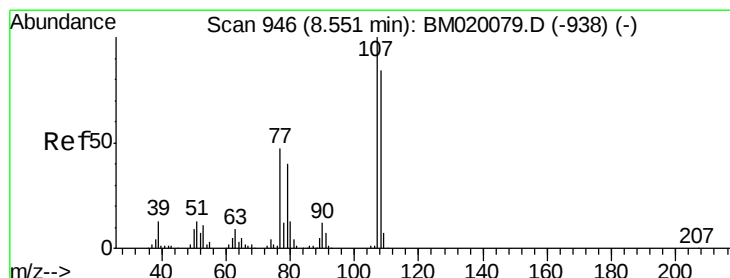
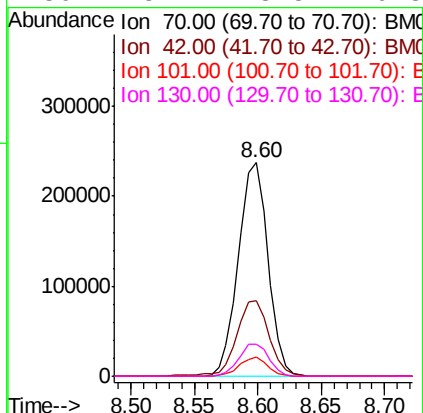




#19
n-Nitroso-di-n-propylamine
Concen: 35.731 ng
RT: 8.60 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

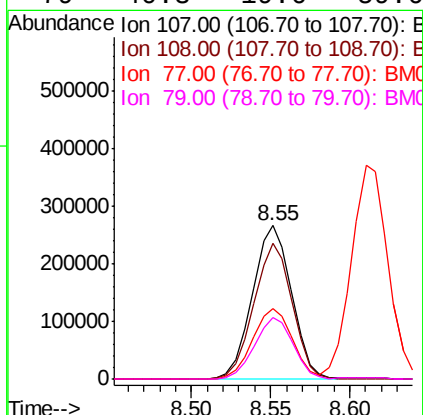
Instrument :
BNA_M
ClientSampleId :

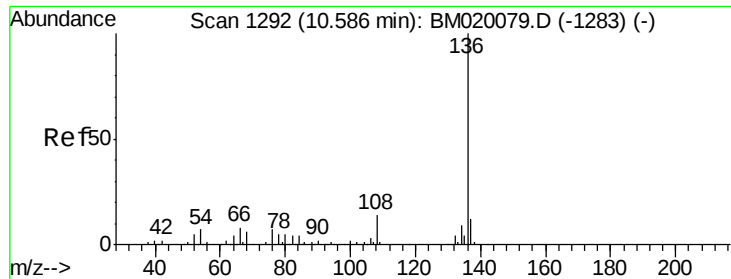
Tot Ion:	70	Resp:	386601
Ion	Ratio	Lower	Upper
70	100		
42	35.5	31.0	46.4
101	8.7	6.2	9.2
130	15.1	13.5	20.3



#20
3+4-Methylphenols
Concen: 38.947 ng
RT: 8.55 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:	107	Resp:	453646
Ion	Ratio	Lower	Upper
107	100		
108	88.5	64.4	104.4
77	46.4	27.2	67.2
79	40.3	19.6	59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 561150

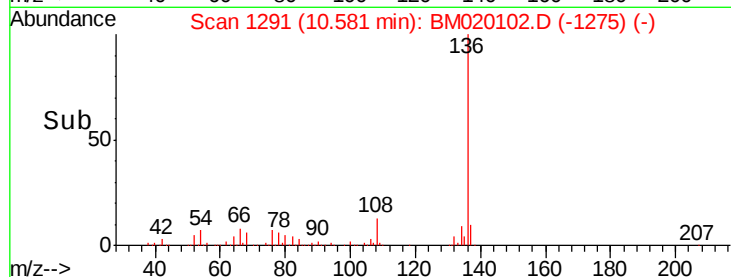
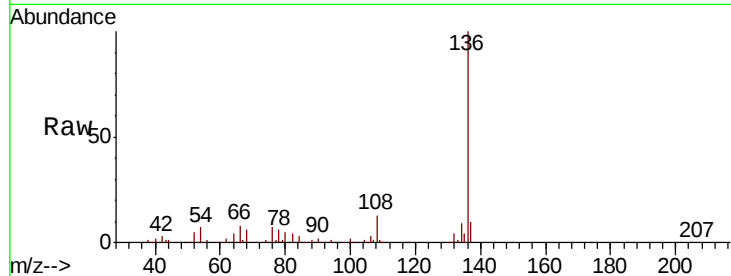
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 6.6 5.5 8.3

68 6.5 4.6 6.8

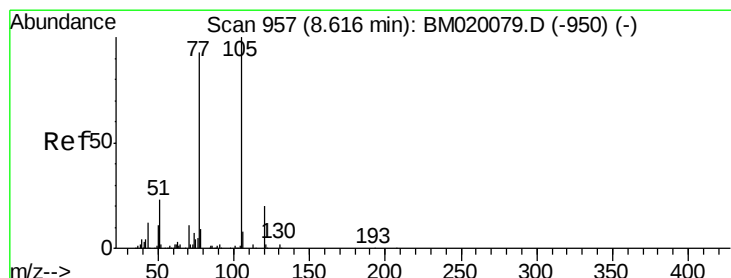
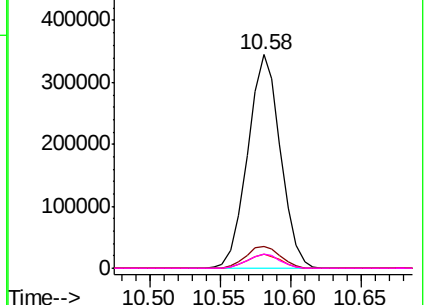


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.728 ng

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Tgt Ion:105 Resp: 624611

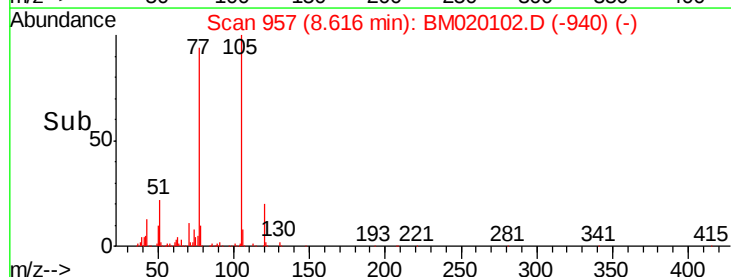
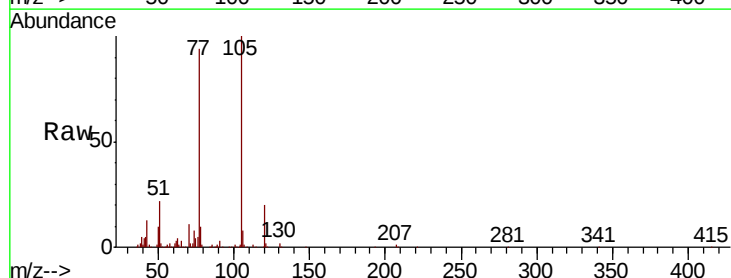
Ion Ratio Lower Upper

105 100

71 1.9 2.2 3.2#

51 22.4 19.3 28.9

120 20.3 16.2 24.4

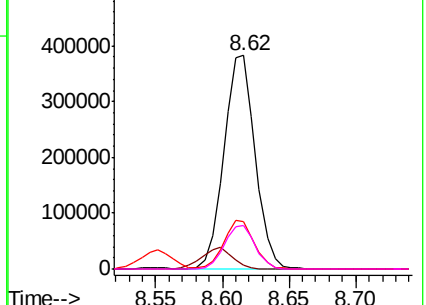


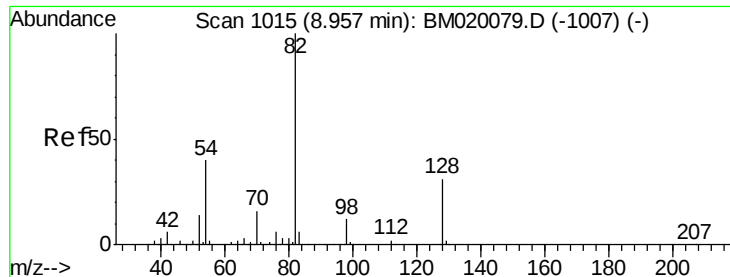
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

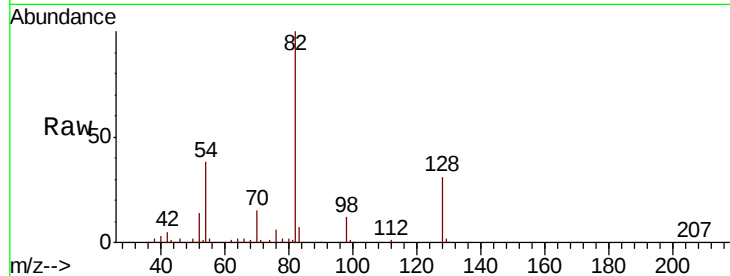




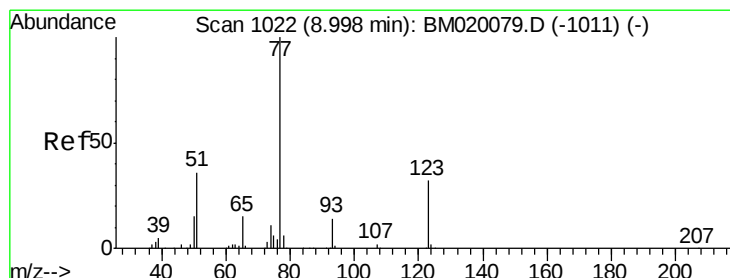
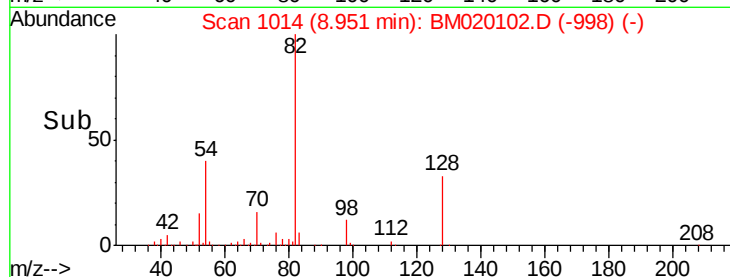
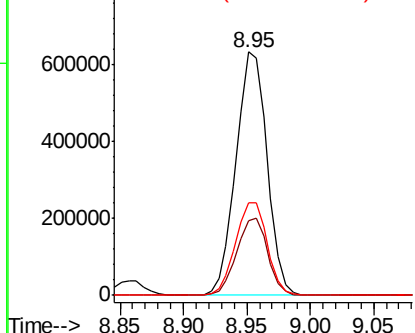
#23
Nitrobenzene-d5
Concen: 75.940 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1079374
Ion Ratio Lower Upper
82 100
128 30.7 25.2 37.8
54 37.9 31.9 47.9

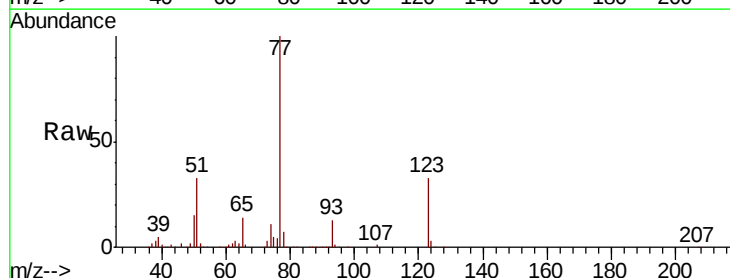


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

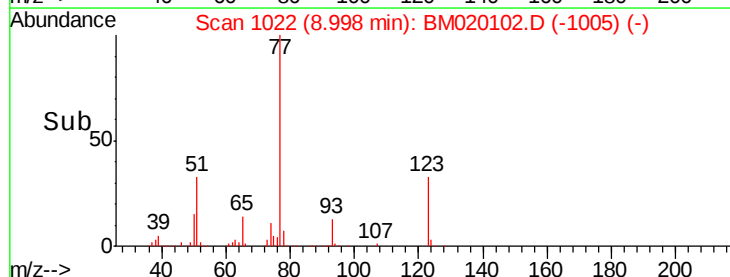
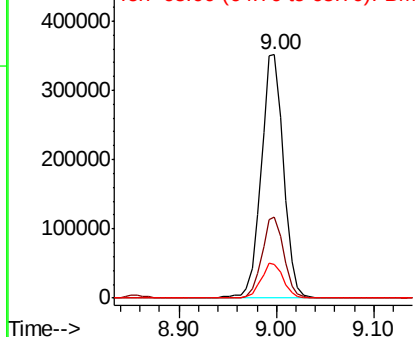


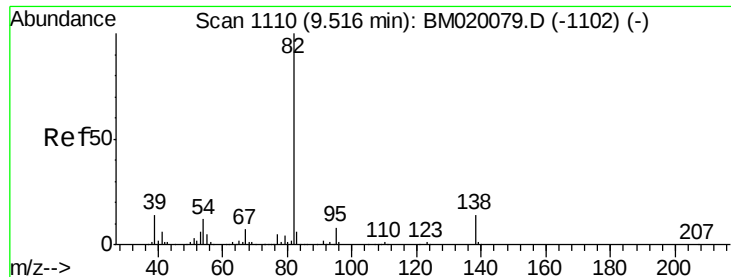
#24
Nitrobenzene
Concen: 38.664 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion: 77 Resp: 569790
Ion Ratio Lower Upper
77 100
123 33.2 25.5 38.3
65 13.6 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 38.475 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

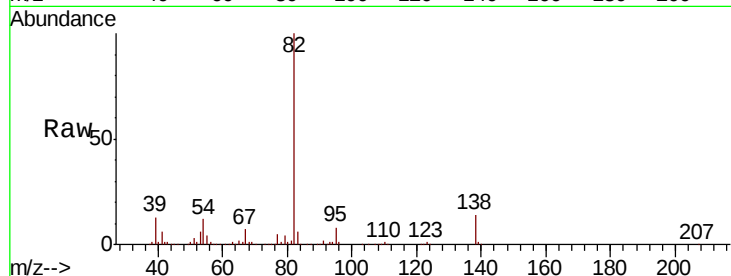
Tot Ion: 82 Resp: 943062

Ion Ratio Lower Upper

82 100

95 8.3 6.4 9.6

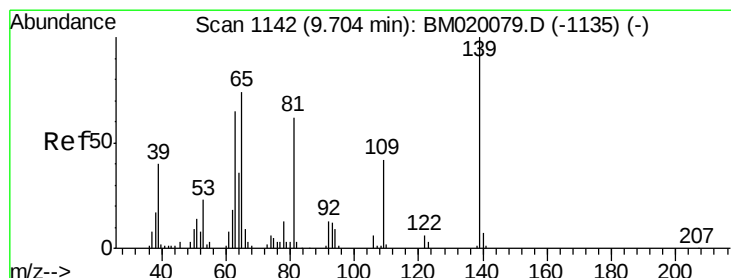
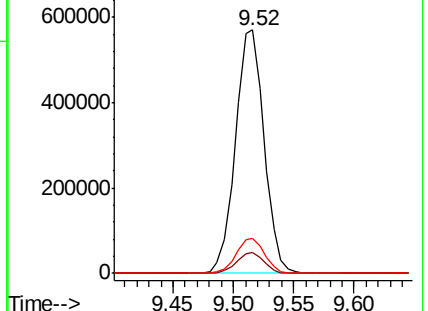
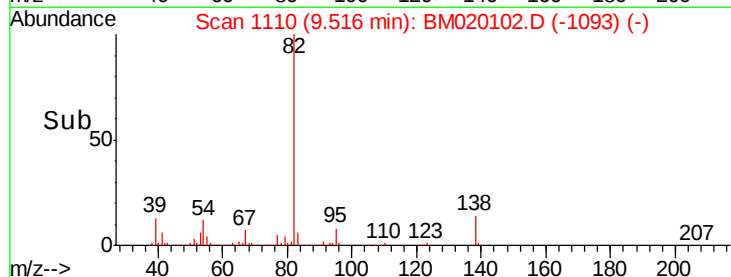
138 14.2 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020102.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM020102.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM020102.D (-1093) (-)



#26

2-Nitrophenol

Concen: 42.788 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

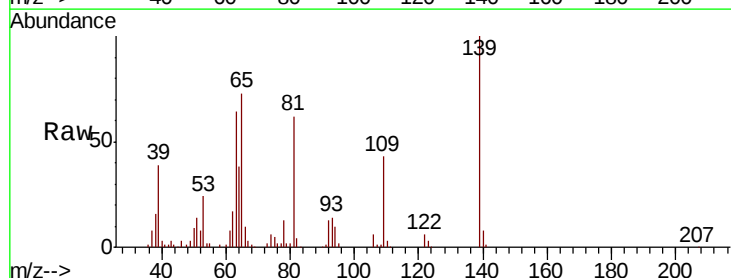
Tgt Ion: 139 Resp: 190367

Ion Ratio Lower Upper

139 100

109 42.8 33.7 50.5

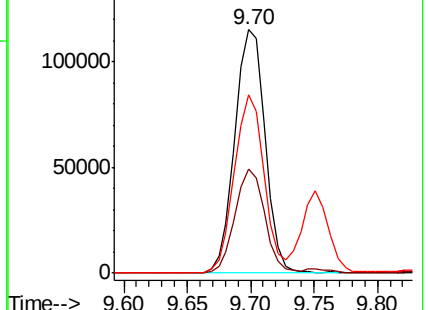
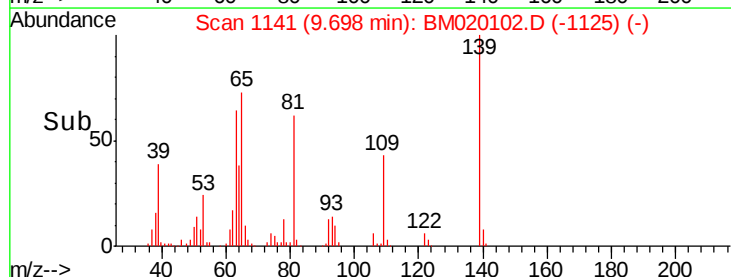
65 73.1 59.5 89.3

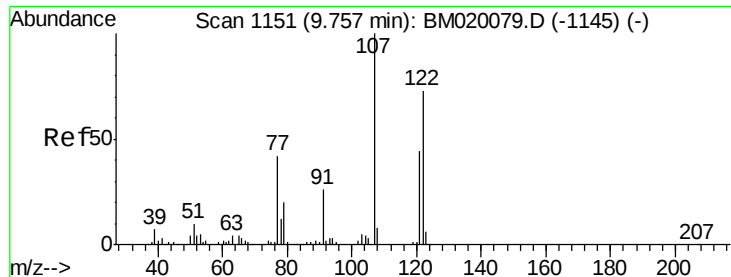


Abundance Ion 139.00 (138.70 to 139.70): BM020102.D (-1125) (-)

Ion 109.00 (108.70 to 109.70): BM020102.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM020102.D (-1125) (-)

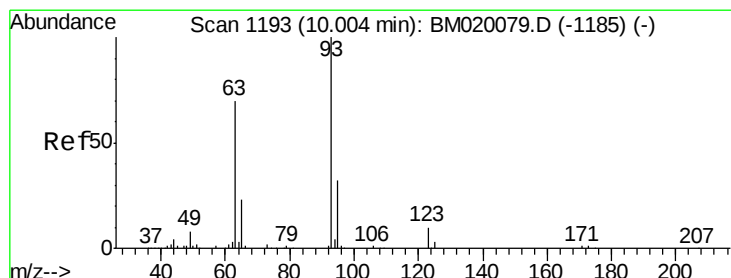
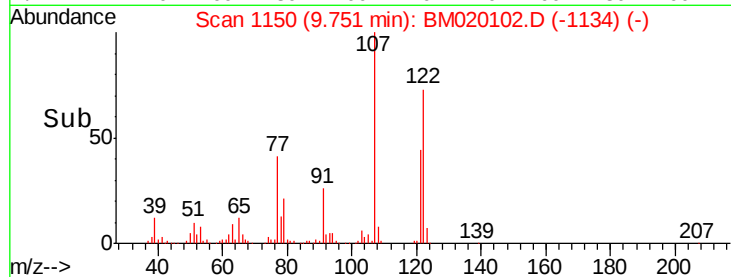
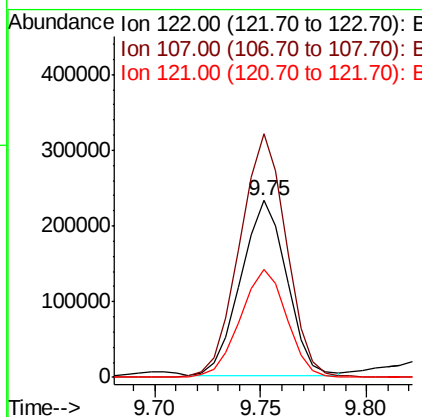
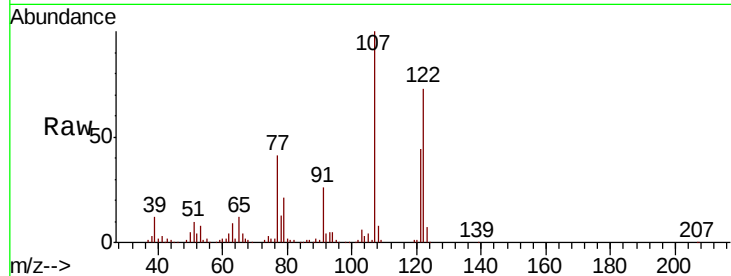




#27
 2,4-Dimethylphenol
 Concen: 47.209 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

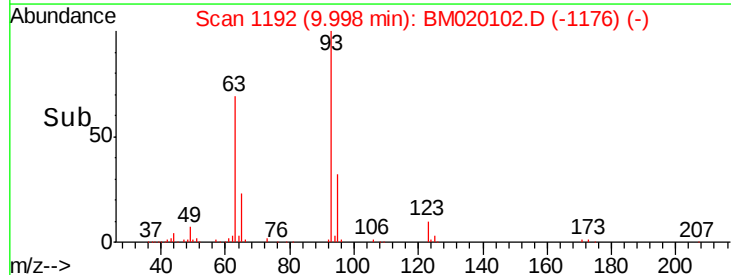
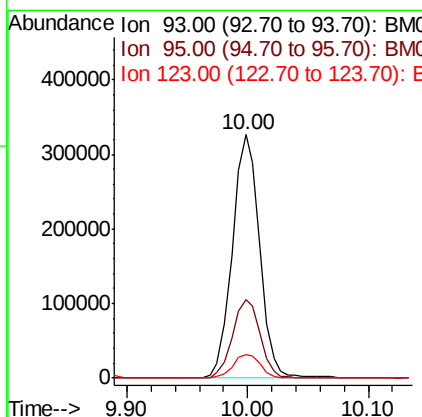
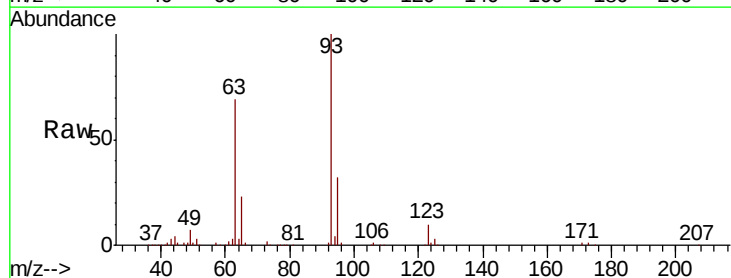
Instrument :
 BNA_M
 ClientSampleId :

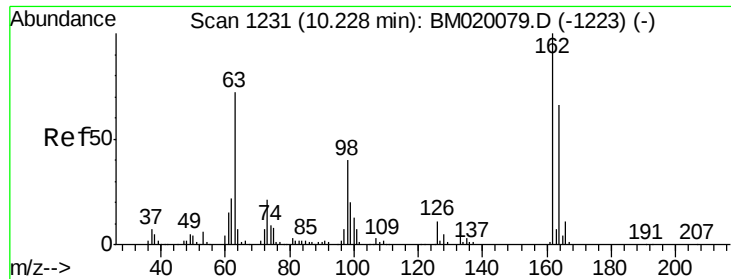
Tot Ion:122 Resp: 349685
 Ion Ratio Lower Upper
 122 100
 107 137.9 108.6 162.8
 121 60.9 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.486 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion: 93 Resp: 513773
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.5 38.3
 123 9.8 7.6 11.4

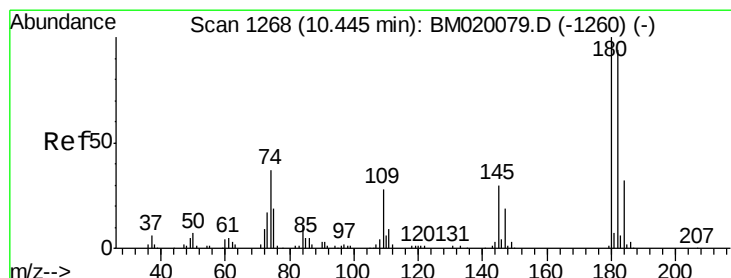
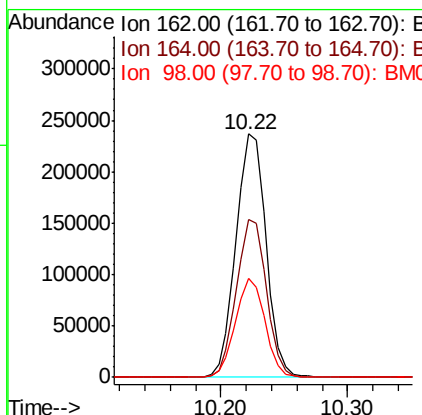
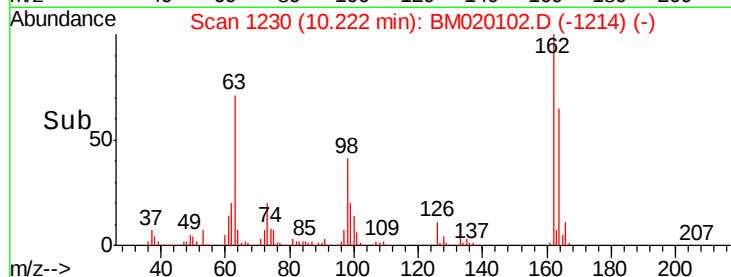
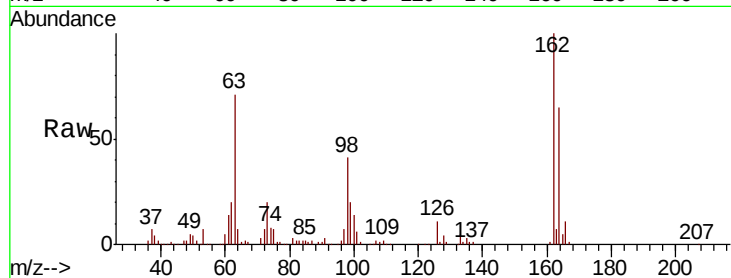




#29
 2,4-Dichlorophenol
 Concen: 41.764 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

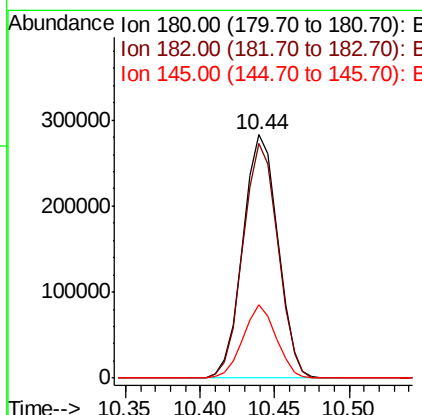
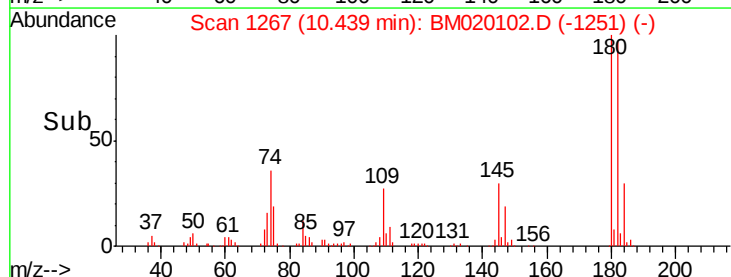
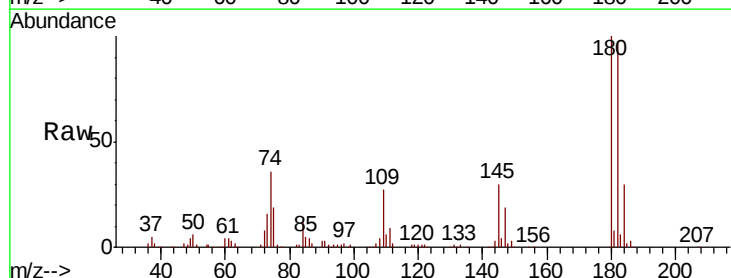
Instrument :
 BNA_M
 ClientSampleId :

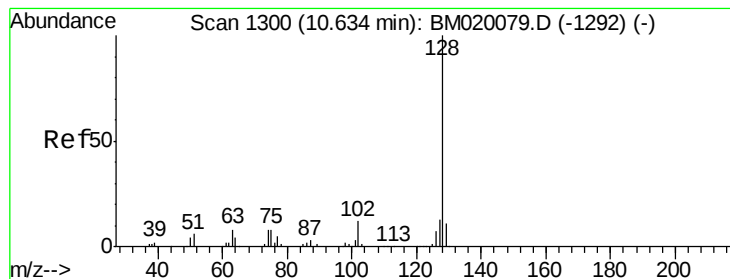
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.6	85.6
98	40.9	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.974 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.4	113.0
145	30.0	23.8	35.8

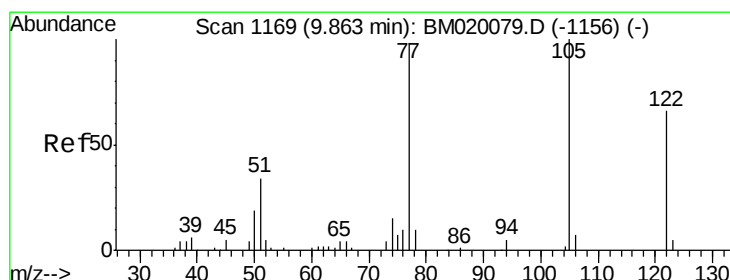
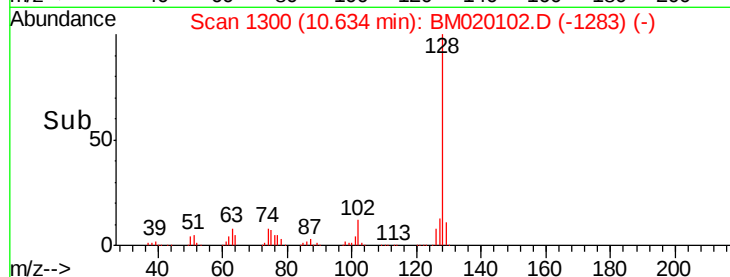
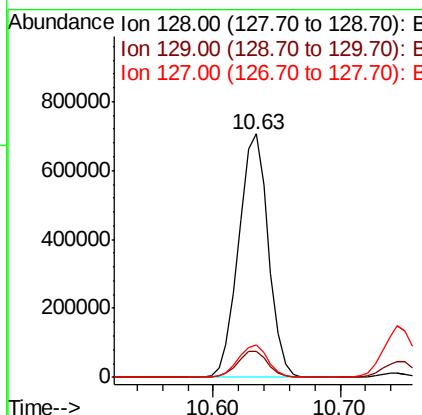
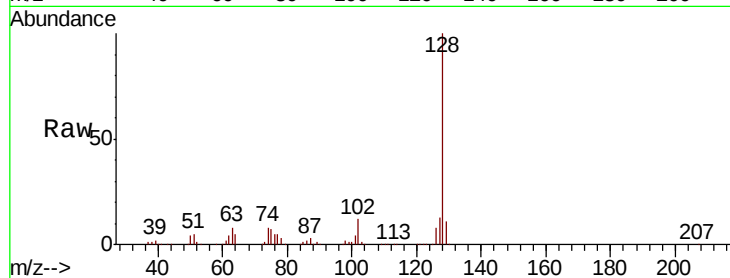




#31
Naphthalene
Concen: 39.281 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

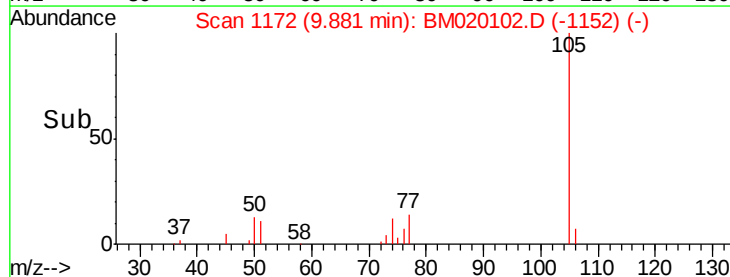
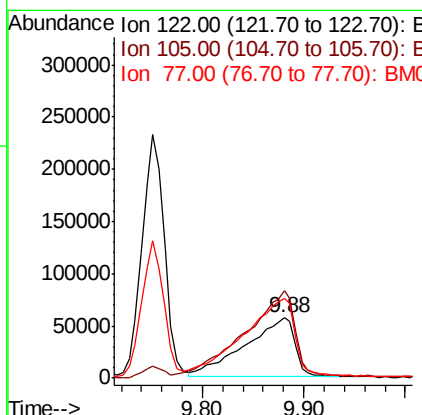
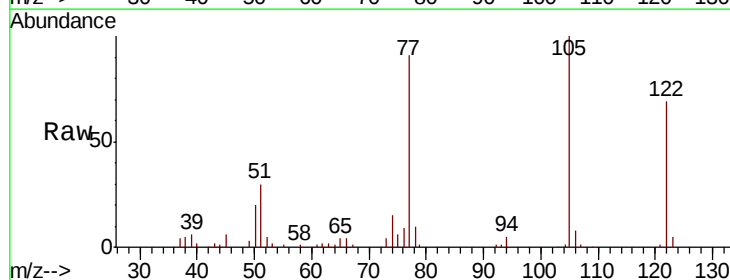
Instrument :
BNA_M
ClientSampleId :

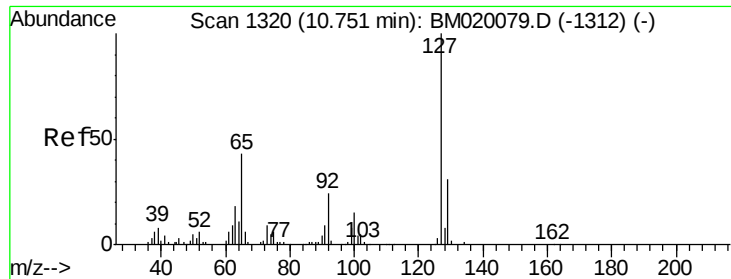
Tot Ion:128 Resp: 1143871
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 37.748 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:122 Resp: 190309
Ion Ratio Lower Upper
122 100
105 144.7 122.5 162.5
77 131.7 123.3 163.3

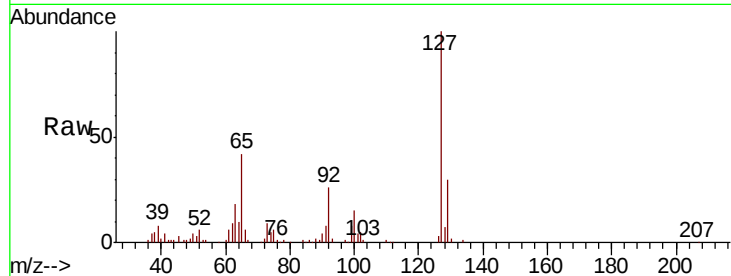




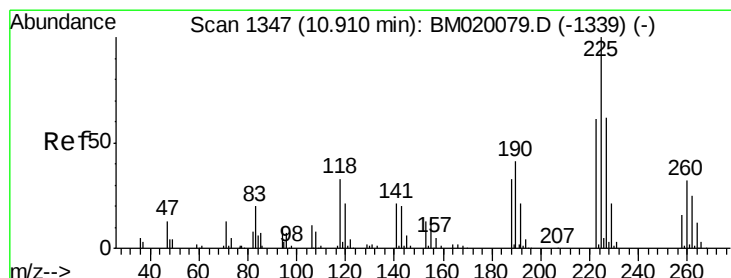
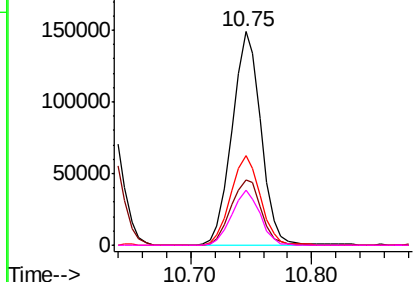
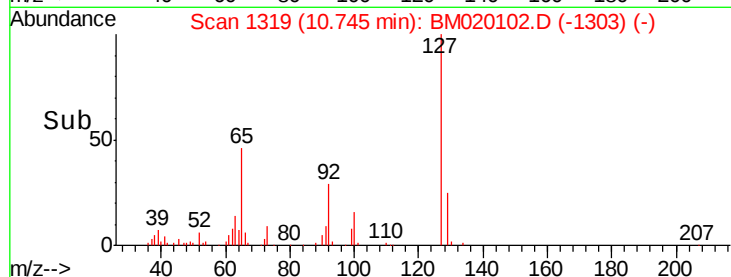
#33
4-Chloroaniline
Concen: 20.768 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	248919
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.7	37.1
65	41.9	34.6	52.0
92	25.6	19.5	29.3

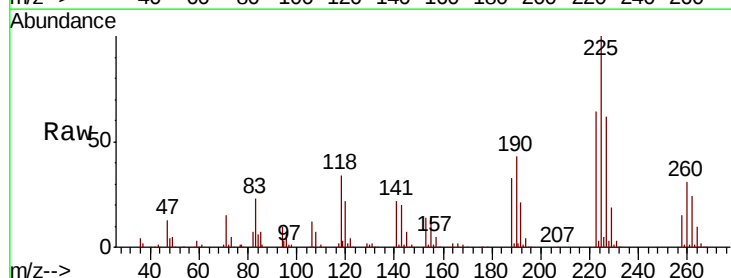


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

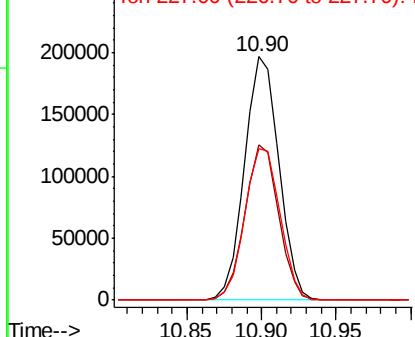
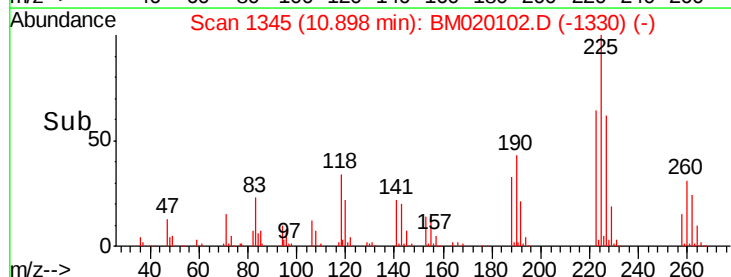


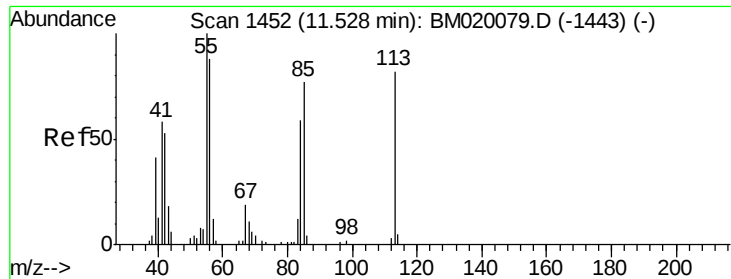
#34
Hexachlorobutadiene
Concen: 38.605 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:	225	Resp:	313855
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.9	73.3
227	62.4	49.6	74.4



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

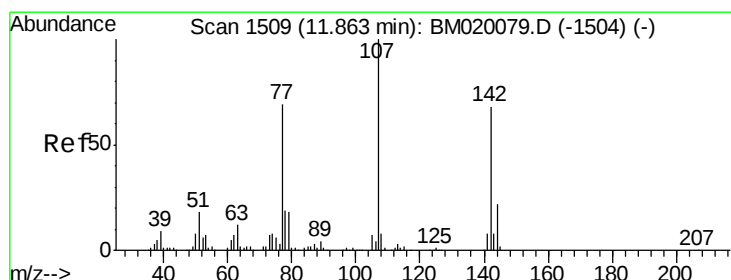
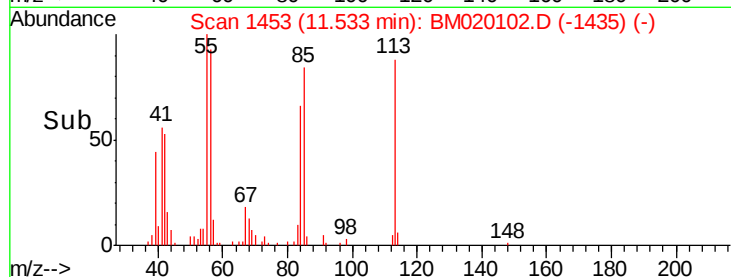
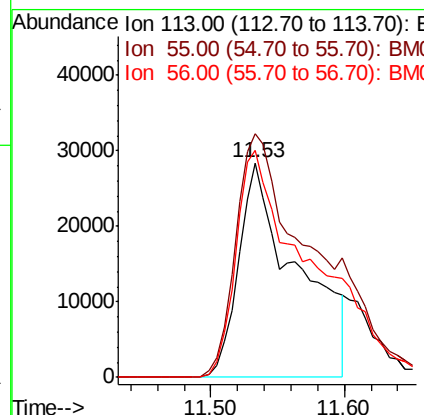
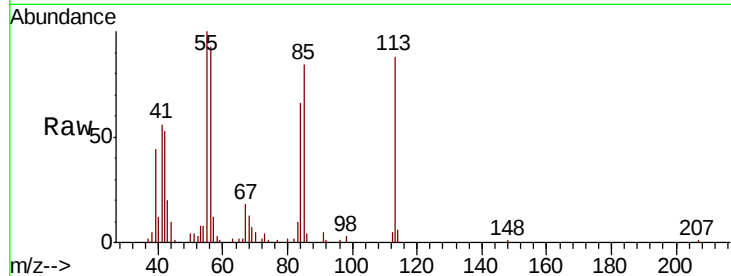




#35
Caprolactam
Concen: 31.033 ng
RT: 11.53 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

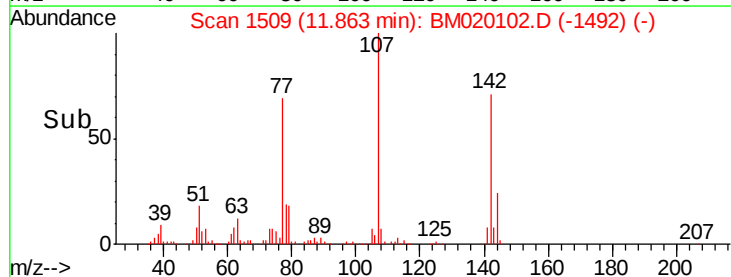
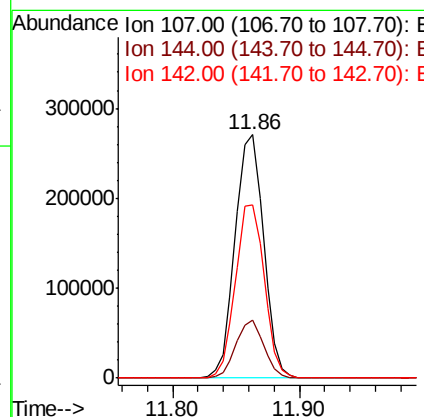
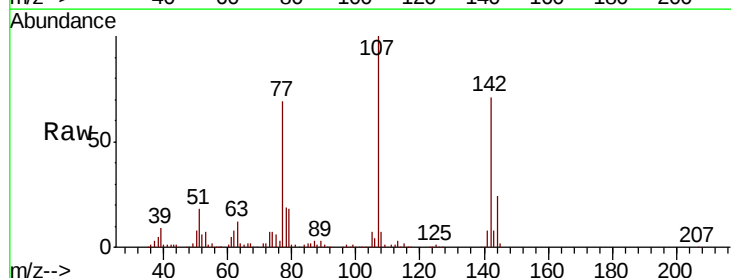
Instrument :
BNA_M
ClientSampleId :

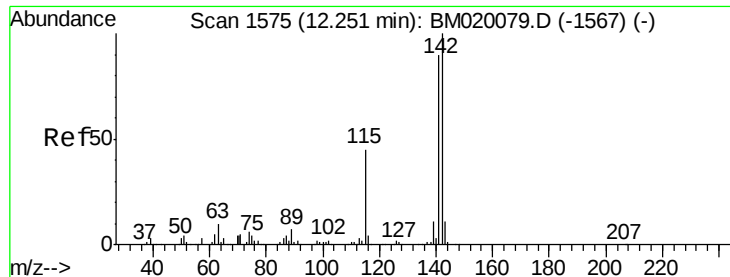
Tot Ion:113 Resp: 86669
Ion Ratio Lower Upper
113 100
55 113.6 102.5 142.5
56 105.7 87.7 127.7



#36
4-Chloro-3-methylphenol
Concen: 38.629 ng
RT: 11.86 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:107 Resp: 423997
Ion Ratio Lower Upper
107 100
144 23.7 17.6 26.4
142 71.1 54.6 82.0

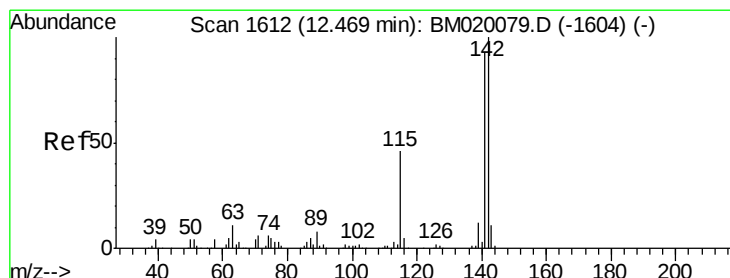
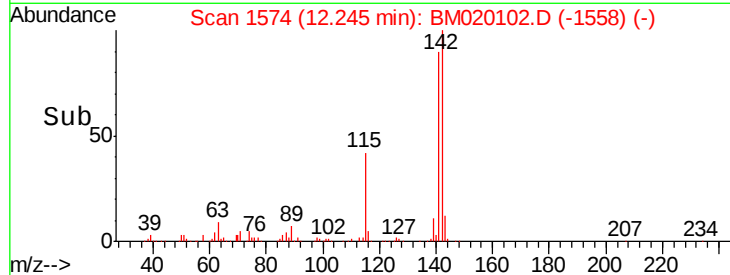
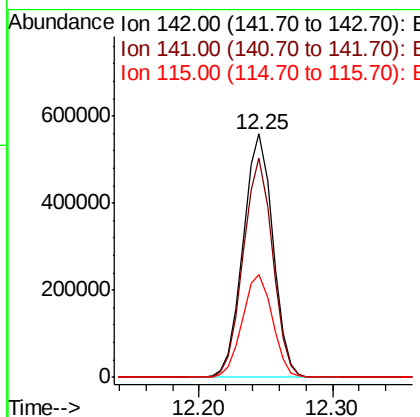
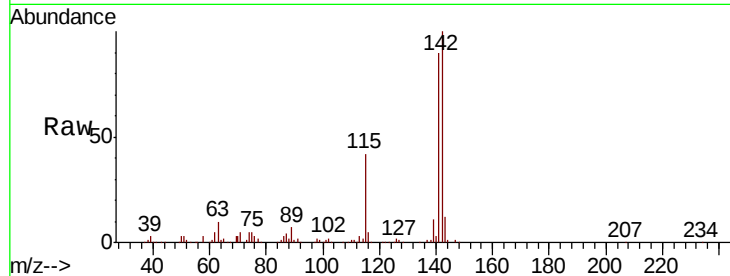




#37
 2-Methylnaphthalene
 Concen: 40.528 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

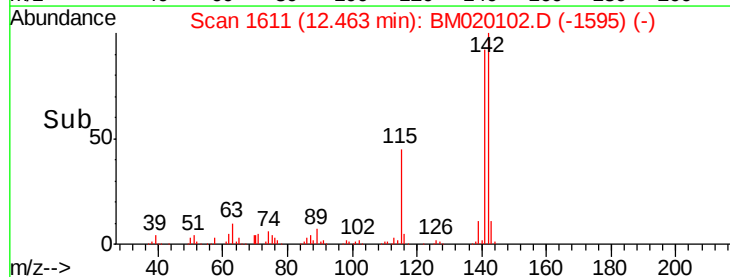
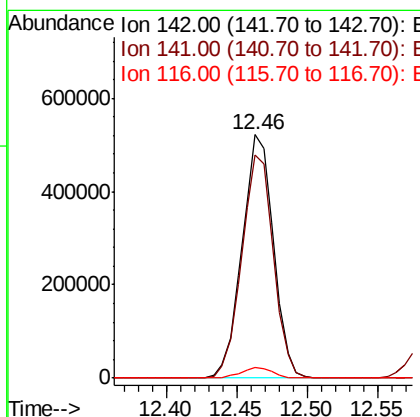
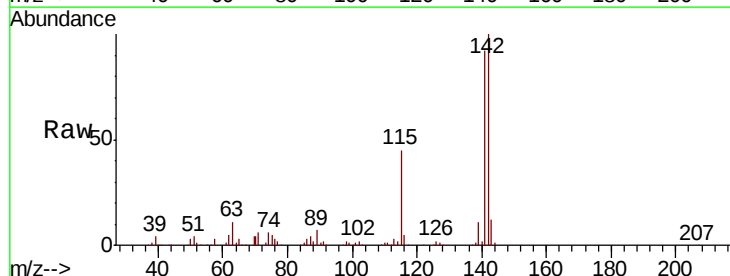
Instrument :
 BNA_M
 ClientSampleId :

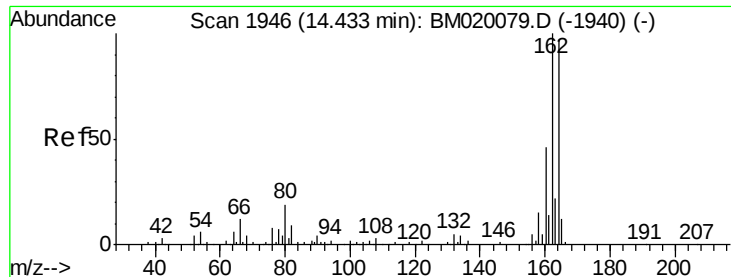
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4
115	42.4	35.8	53.6



#38
 1-Methylnaphthalene
 Concen: 39.048 ng
 RT: 12.46 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.8	112.2
116	4.6	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

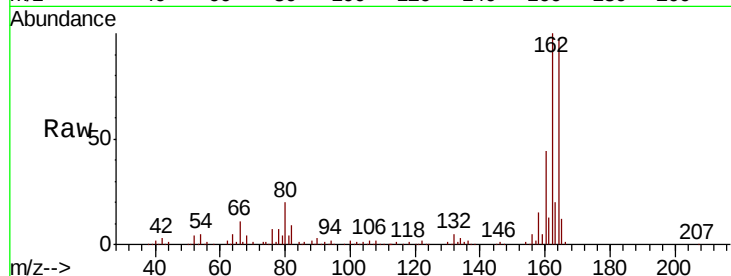
Tot Ion:164 Resp: 339852

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

160 45.1 37.6 56.4

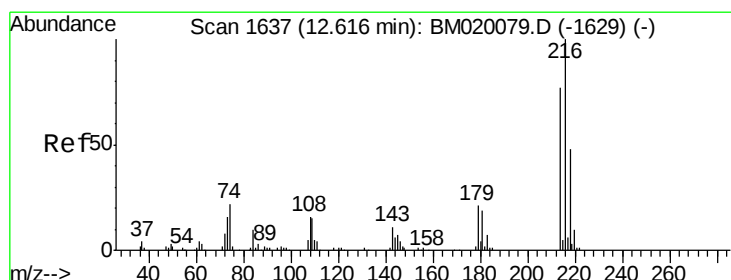
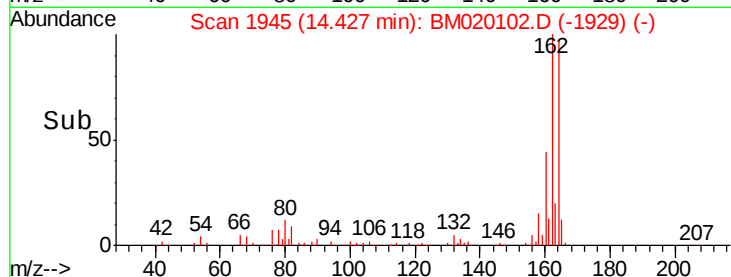
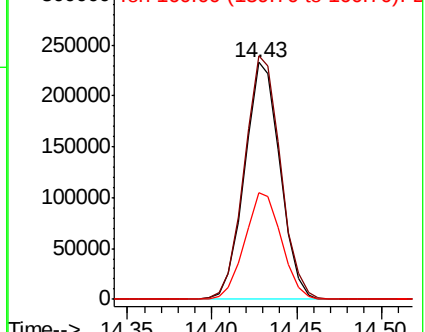


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.551 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Tgt Ion:216 Resp: 552474

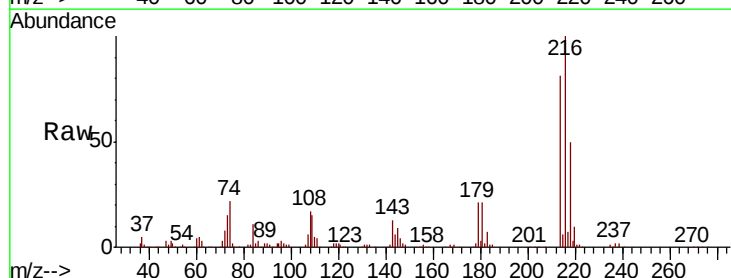
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 20.4 17.1 25.7

108 22.2 15.8 23.6



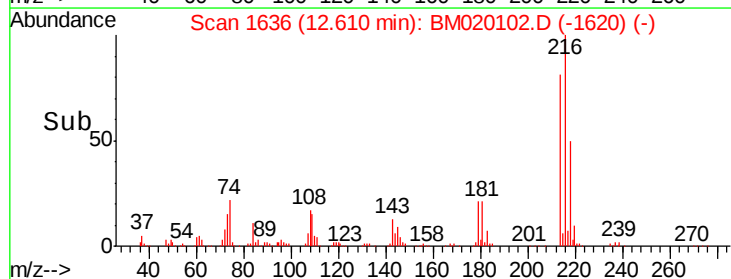
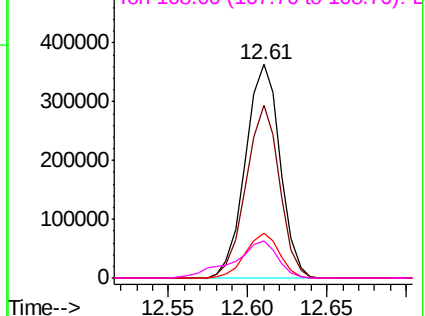
Abundance

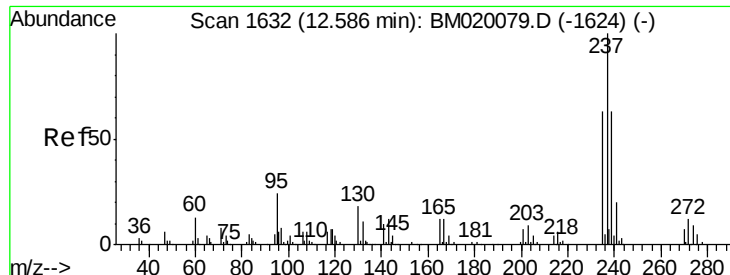
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 106.392 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

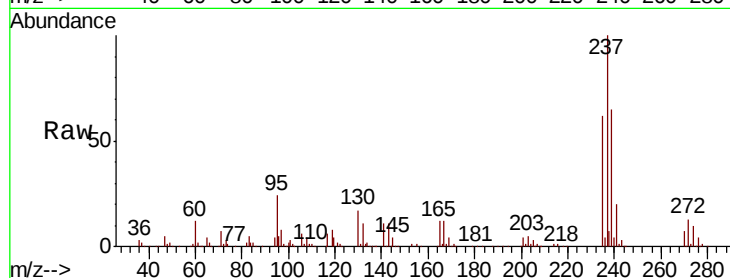
Tot Ion:237 Resp: 832931

Ion Ratio Lower Upper

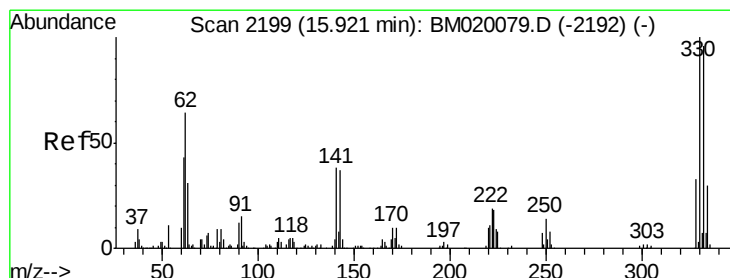
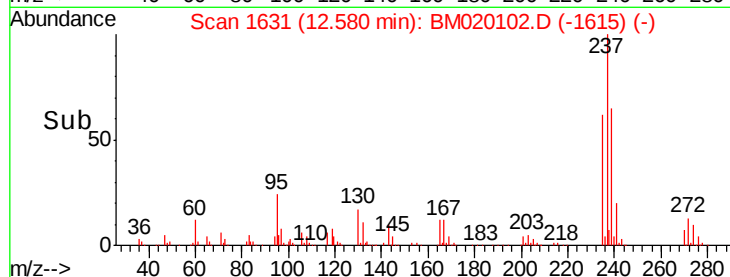
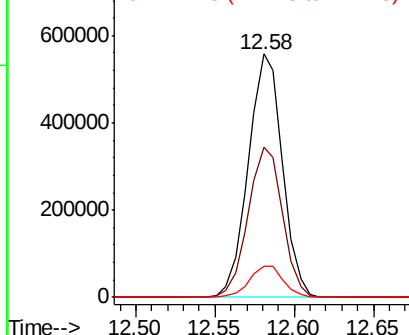
237 100

235 61.6 43.4 83.4

272 12.9 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: 133.183 ng

RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

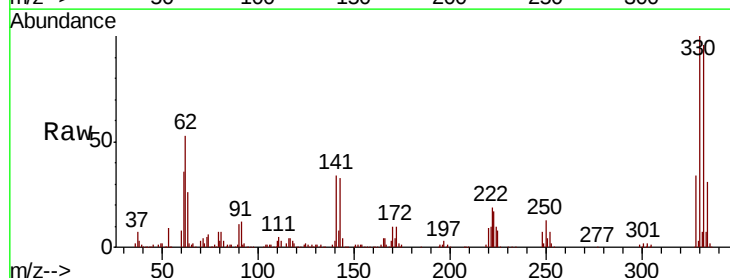
Tgt Ion:330 Resp: 702559

Ion Ratio Lower Upper

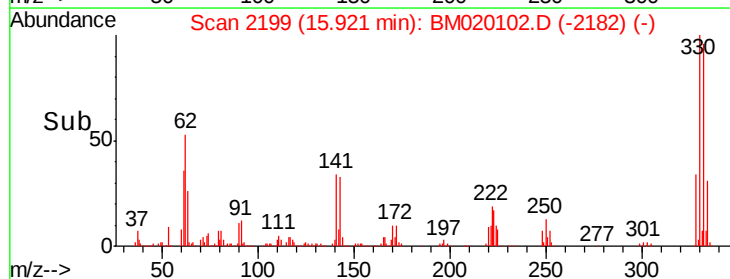
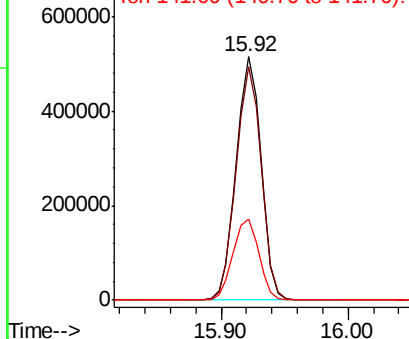
330 100

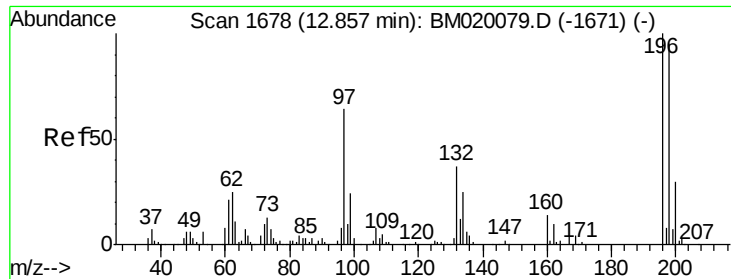
332 96.5 76.8 115.2

141 34.6 29.2 43.8



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

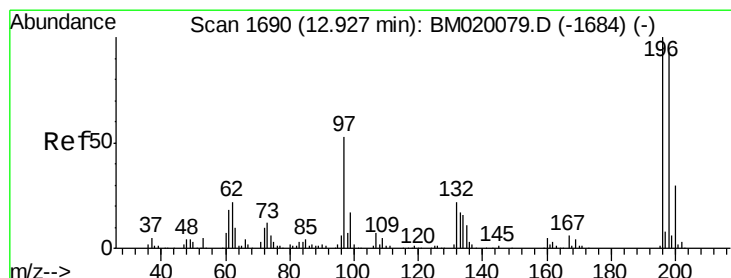
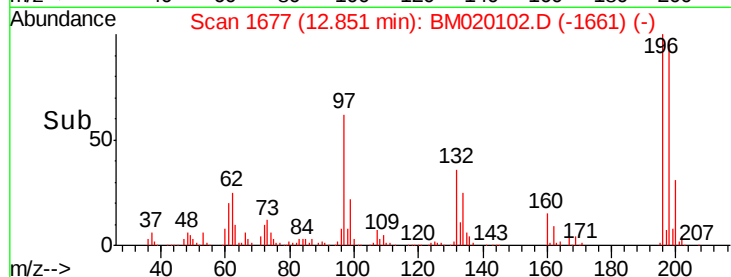
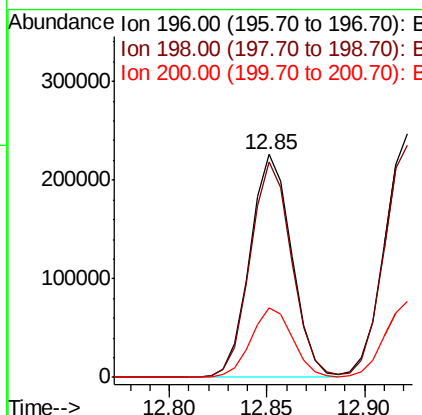
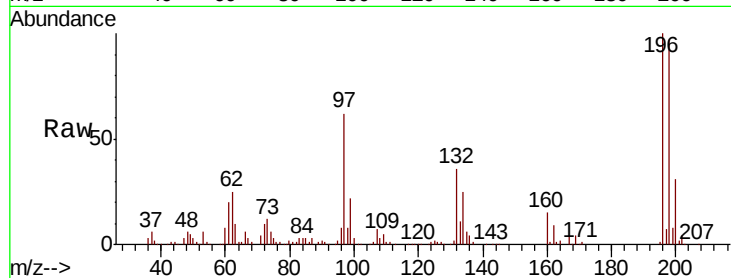




#43
 2,4,6-Trichlorophenol
 Concen: 44.292 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

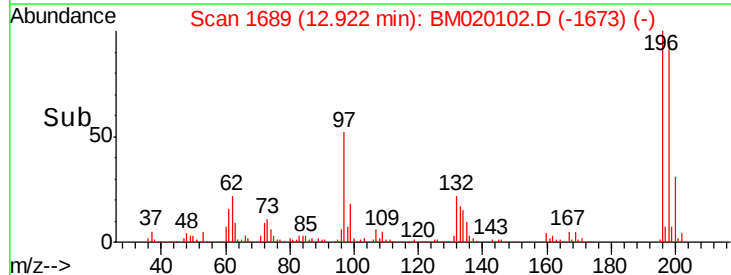
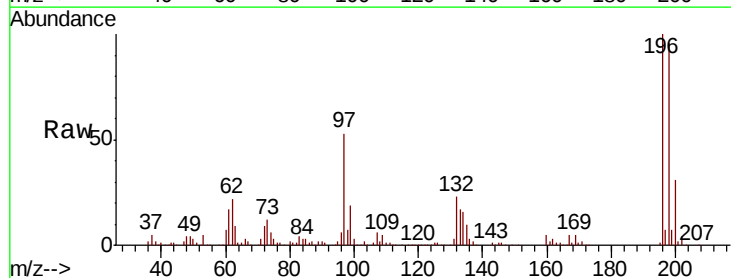
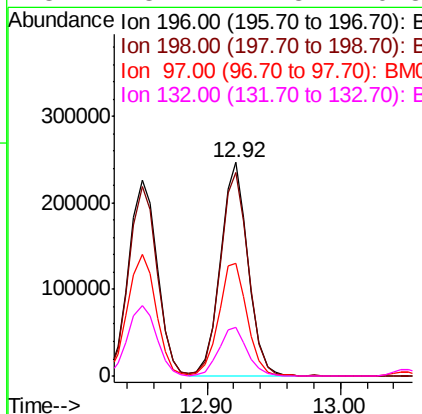
Instrument :
 BNA_M
 ClientSampleId :

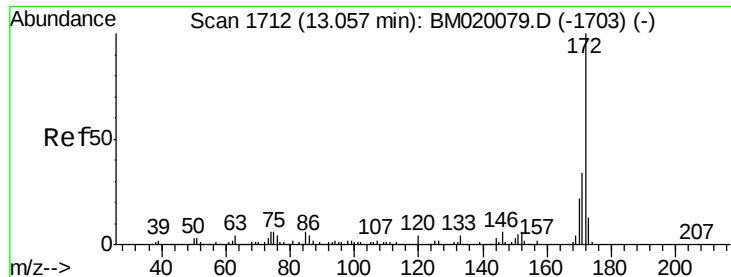
Tot Ion	196	Resp	334696
Ion Ratio	Lower	Upper	
196	100		
198	97.0	76.2	114.2
200	31.3	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.143 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion	196	Resp	355767
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.7	112.1
97	52.8	42.2	63.4
132	23.1	17.8	26.8

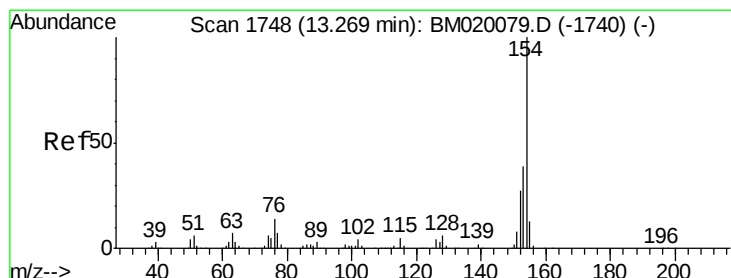
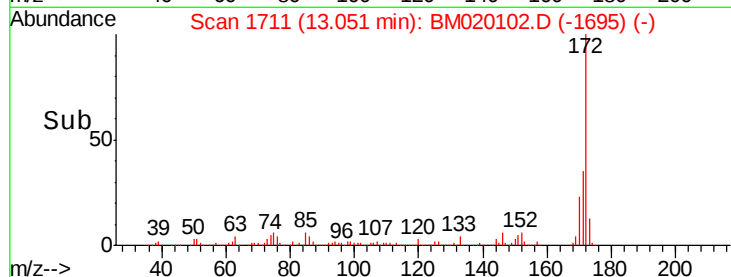
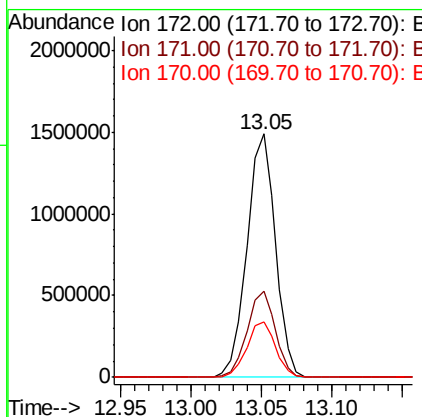
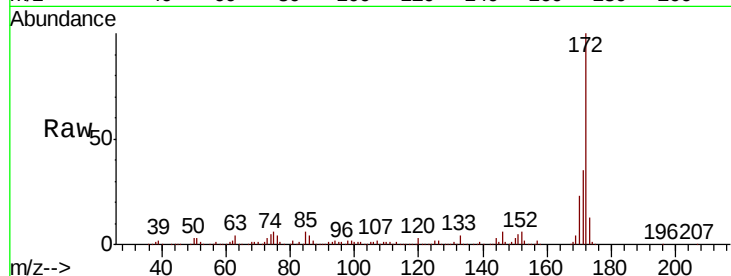




#45
2-Fluorobiphenyl
Concen: 76.392 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

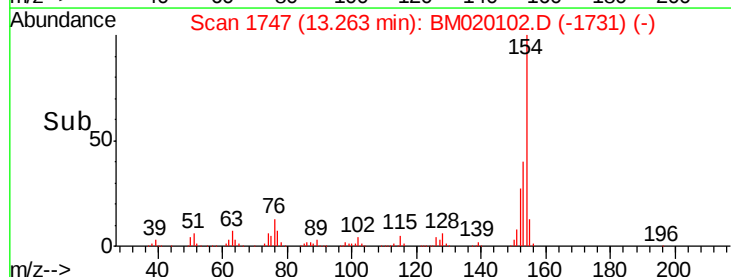
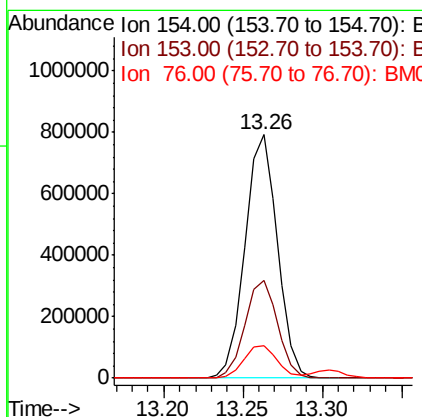
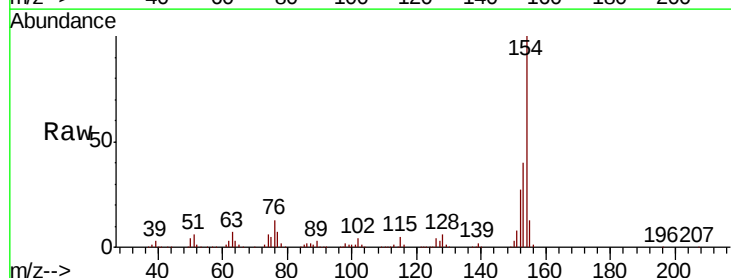
Instrument :
BNA_M
ClientSampleId :

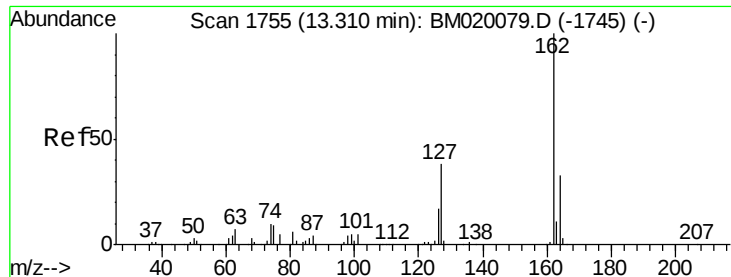
Tot Ion:172 Resp: 2110093
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 22.6 17.9 26.9



#46
1,1'-Biphenyl
Concen: 40.078 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:154 Resp: 1121102
Ion Ratio Lower Upper
154 100
153 40.1 19.4 59.4
76 13.4 0.0 34.5

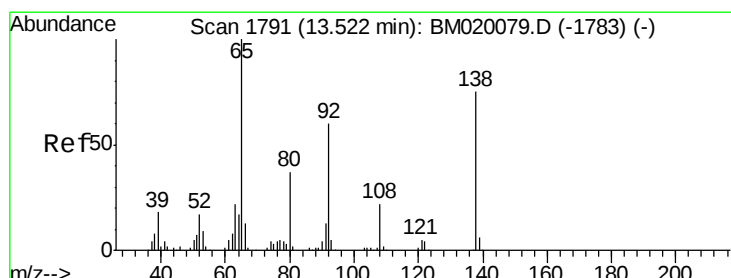
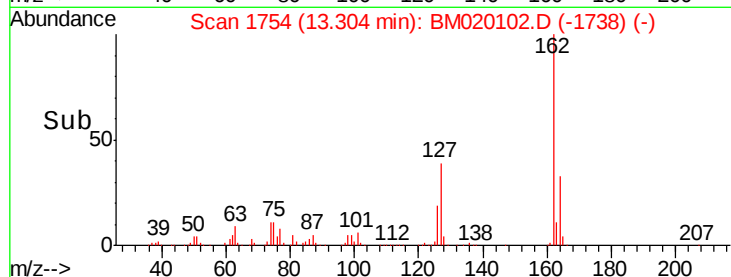
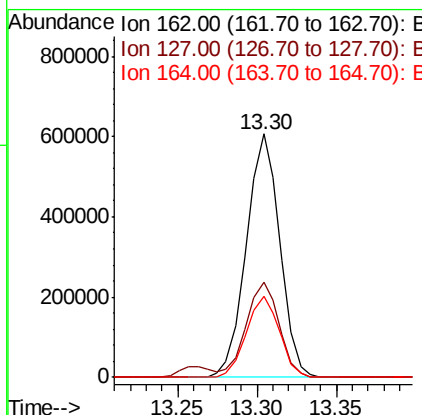
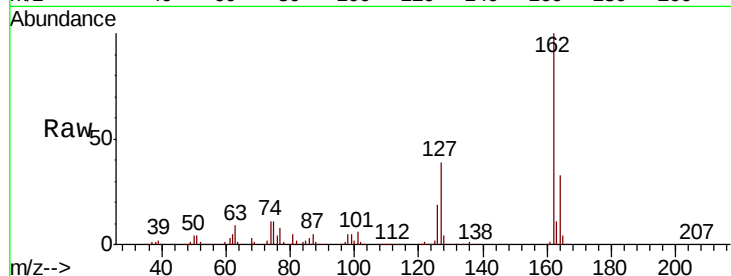




#47
2-Chloronaphthalene
Concen: 39.759 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

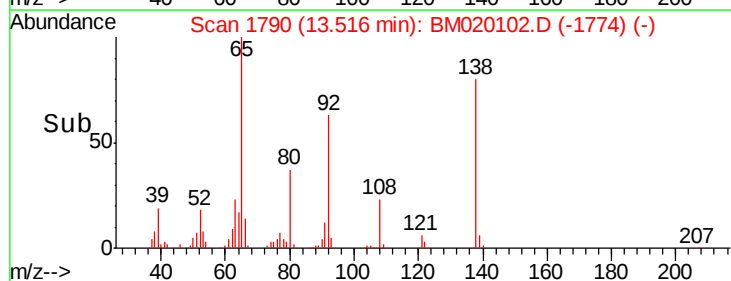
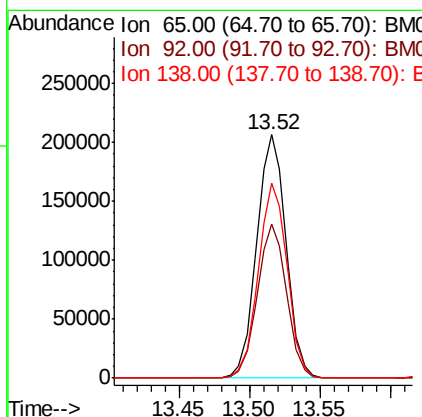
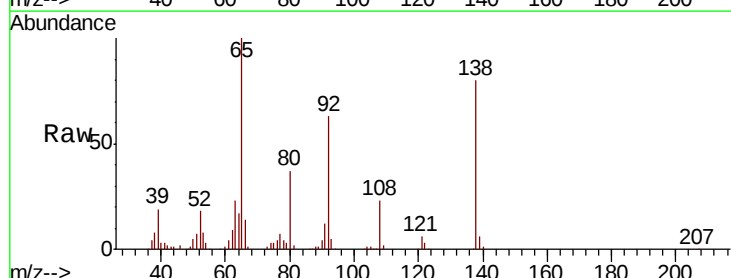
Instrument :
BNA_M
ClientSampleId :

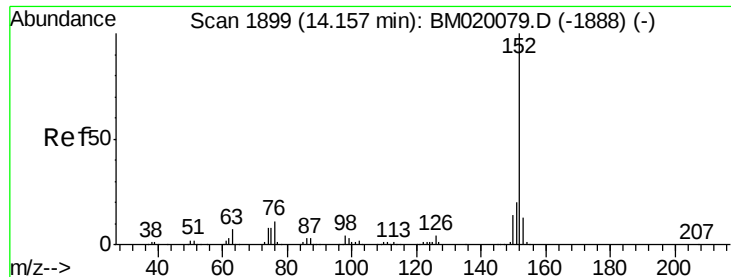
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.4
164	33.1	26.2	39.2



#48
2-Nitroaniline
Concen: 38.105 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	48.2	72.4
138	80.2	60.3	90.5





#49

Acenaphthylene

Concen: 37.775 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

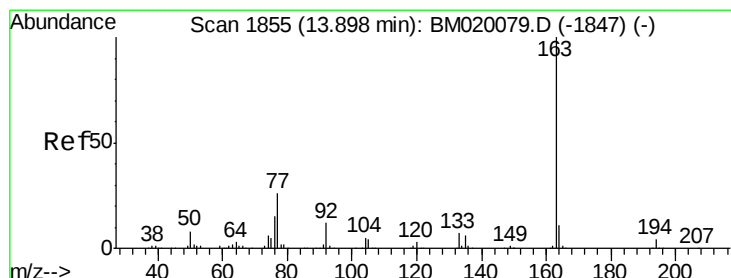
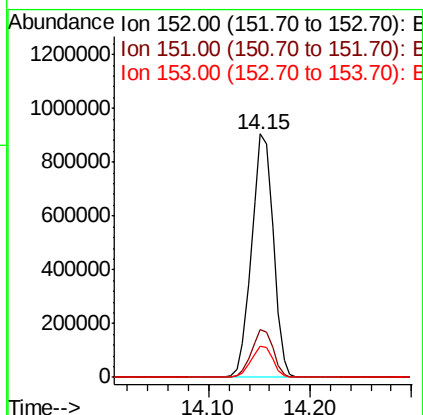
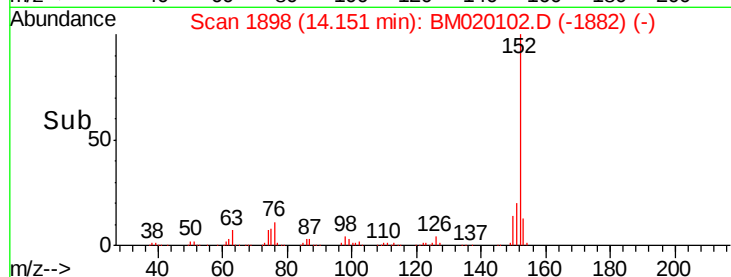
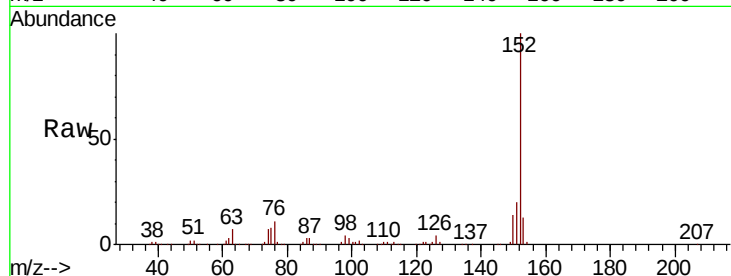
Tot Ion:152 Resp: 1350234

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 37.594 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

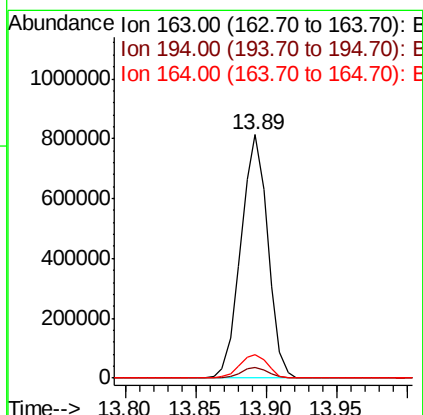
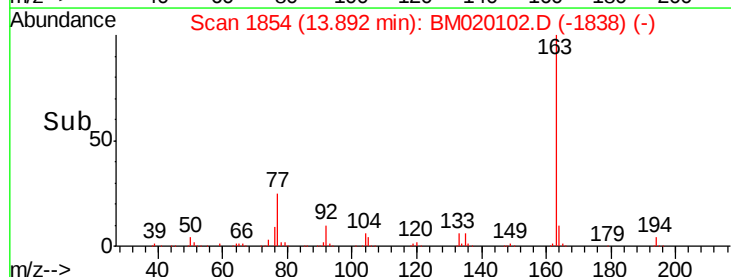
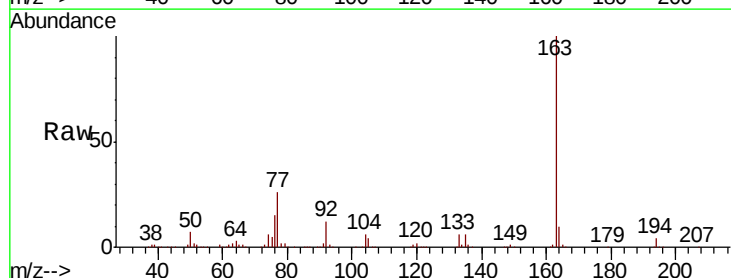
Tgt Ion:163 Resp: 1085908

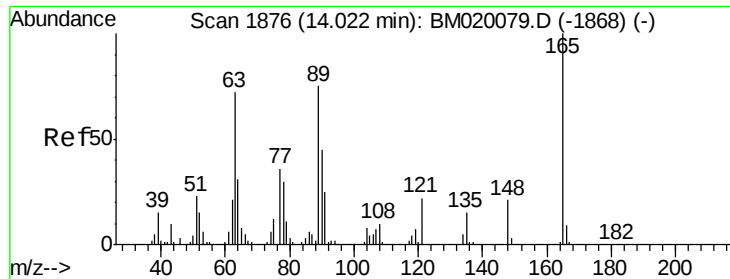
Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

164 9.7 8.4 12.6

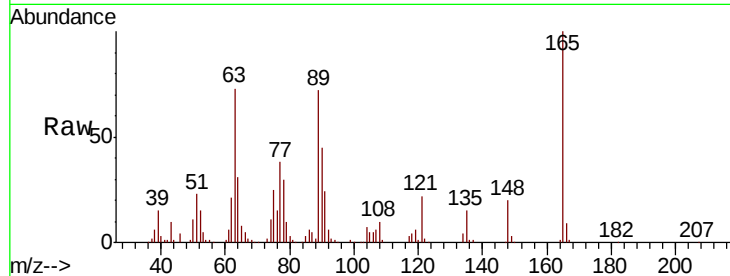




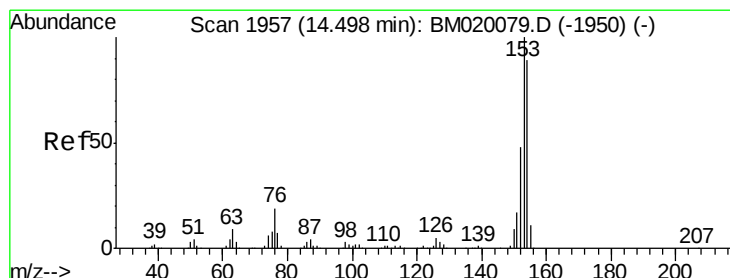
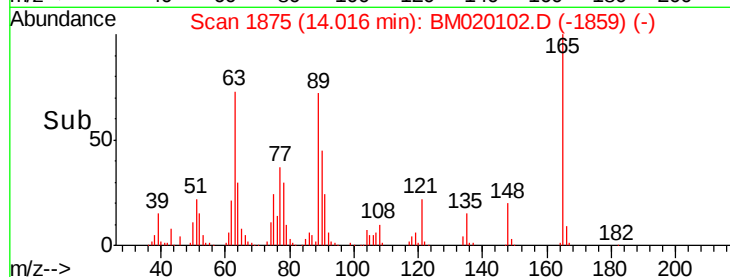
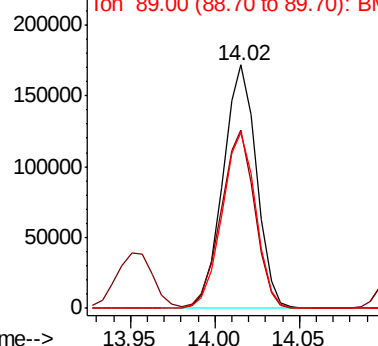
#51
2,6-Dinitrotoluene
Concen: 38.952 ng
RT: 14.02 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	73.1	60.3	90.5
89	72.3	59.8	89.6

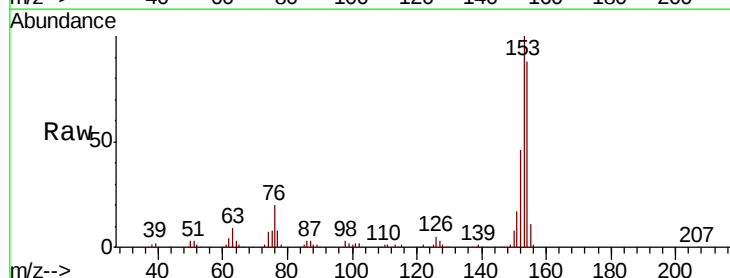


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

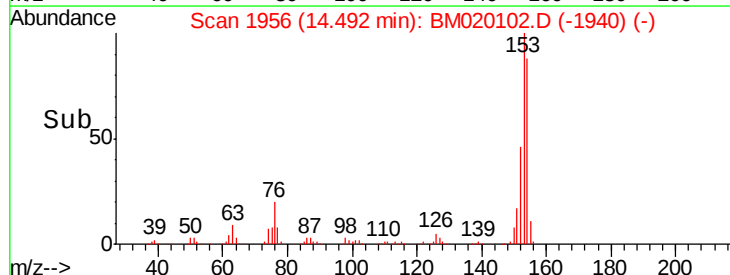
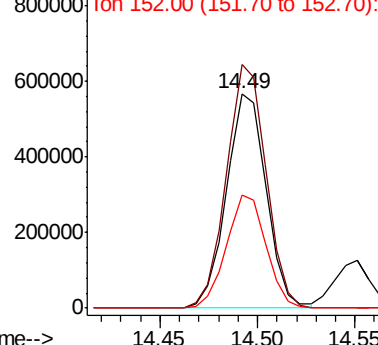


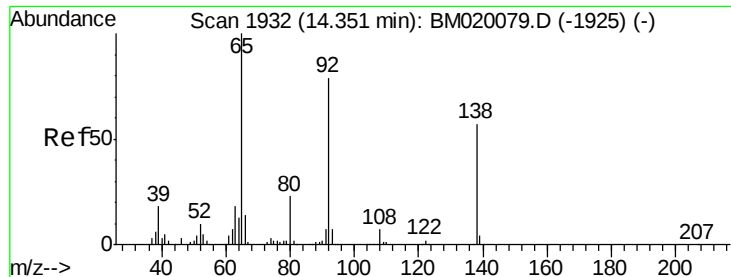
#52
Acenaphthene
Concen: 39.156 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.2
152	52.4	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

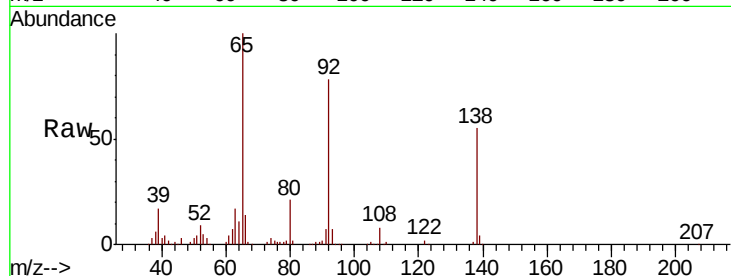




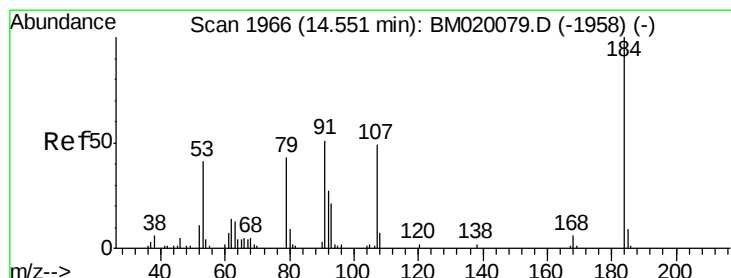
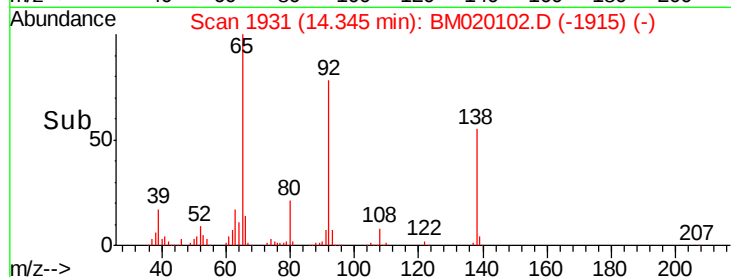
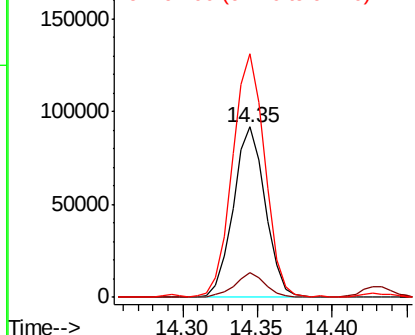
#53
3-Nitroaniline
Concen: 24.278 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 137085
Ion Ratio Lower Upper
138 100
108 14.1 10.4 15.6
92 142.7 111.3 166.9

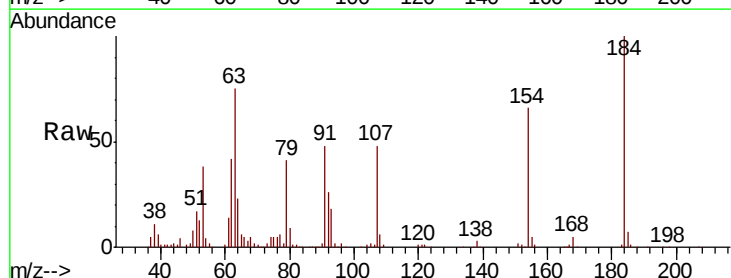


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

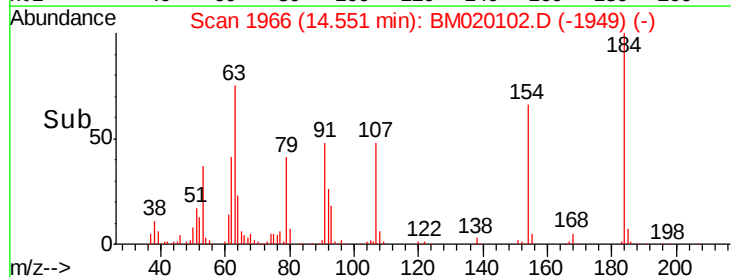
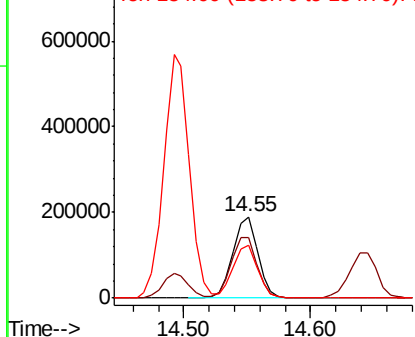


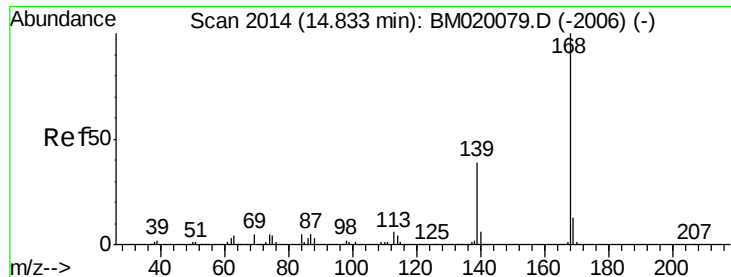
#54
2,4-Dinitrophenol
Concen: 84.034 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:184 Resp: 257537
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

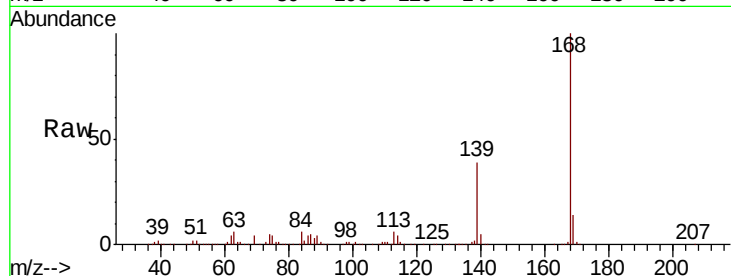




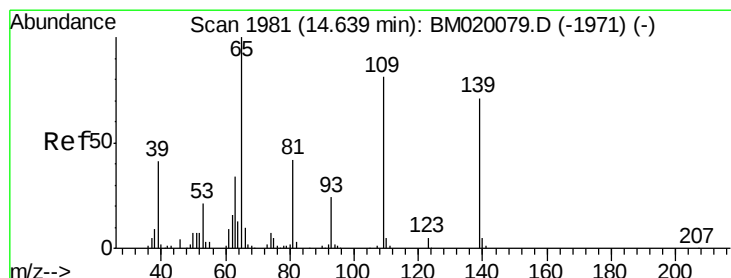
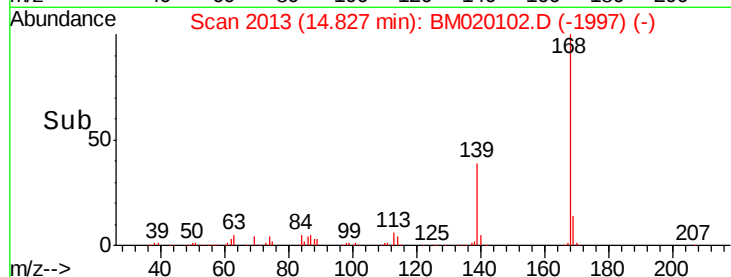
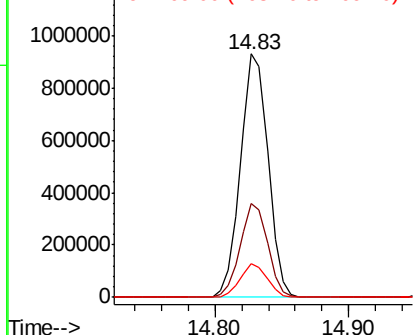
#55
Dibenzofuran
Concen: 38.419 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 1328298
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 13.7 10.6 16.0

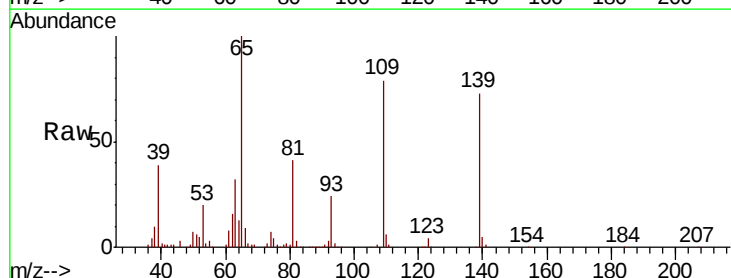


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

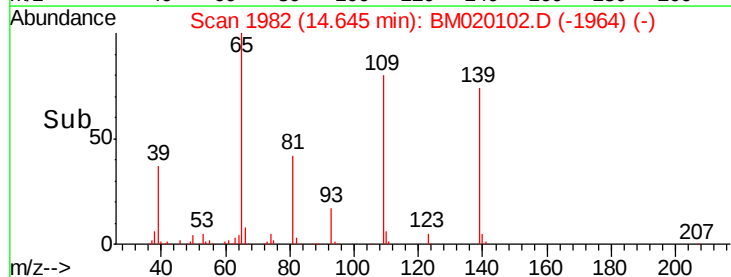
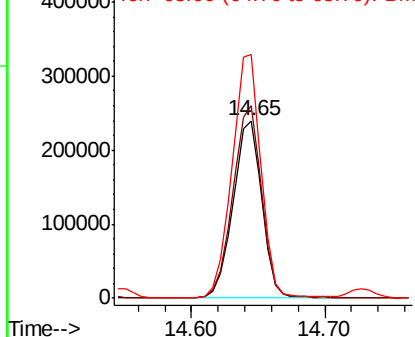


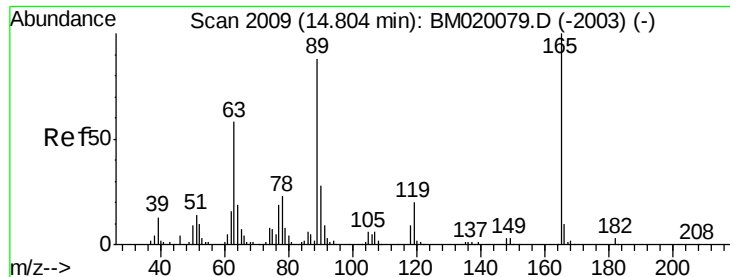
#56
4-Nitrophenol
Concen: 74.635 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:139 Resp: 359563
Ion Ratio Lower Upper
139 100
109 108.4 94.1 134.1
65 137.3 120.9 160.9



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

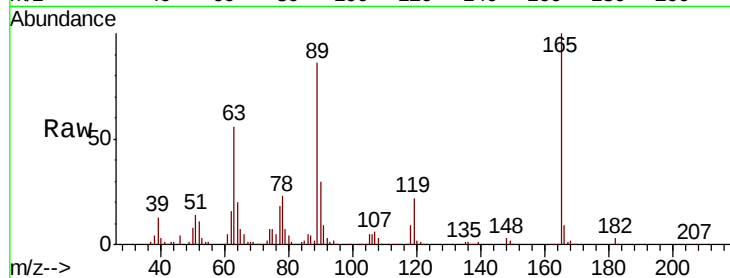




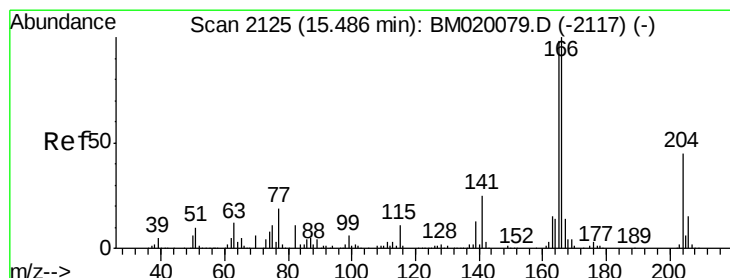
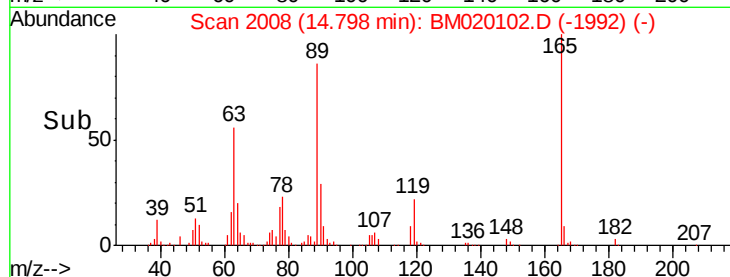
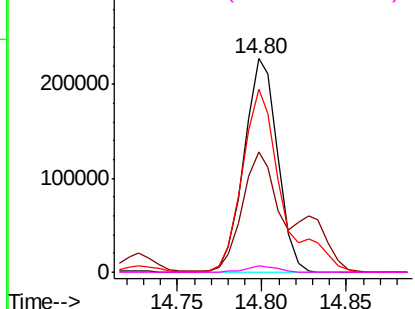
#57
 2,4-Dinitrotoluene
 Concen: 38.026 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 314350
 Ion Ratio Lower Upper
 165 100
 63 56.5 46.2 69.2
 89 85.8 70.6 105.8
 182 3.1 2.2 3.2

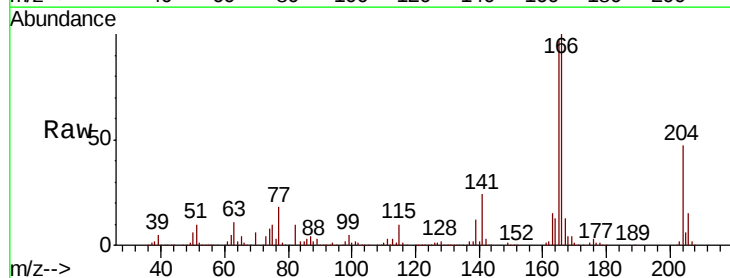


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

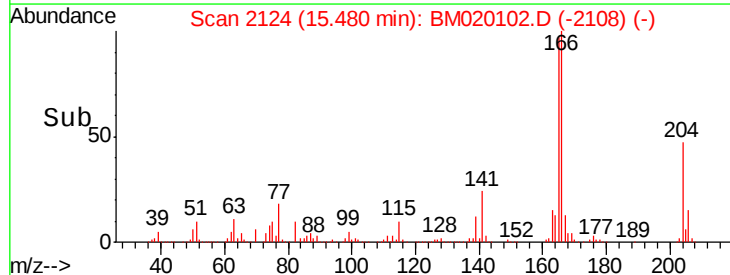
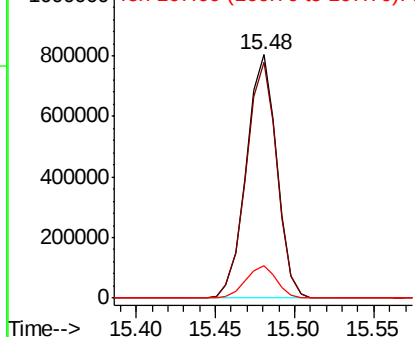


#58
 Fluorene
 Concen: 37.742 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion:166 Resp: 1071682
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.2 117.2
 167 13.4 11.0 16.4



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

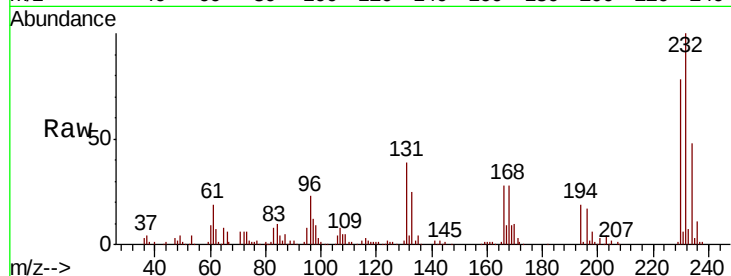




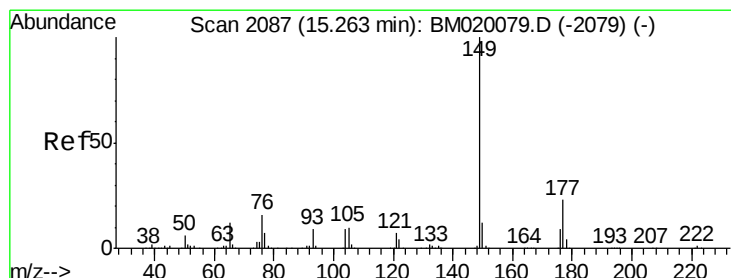
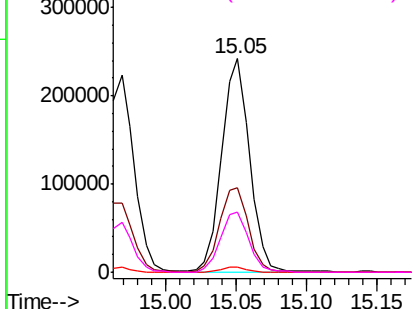
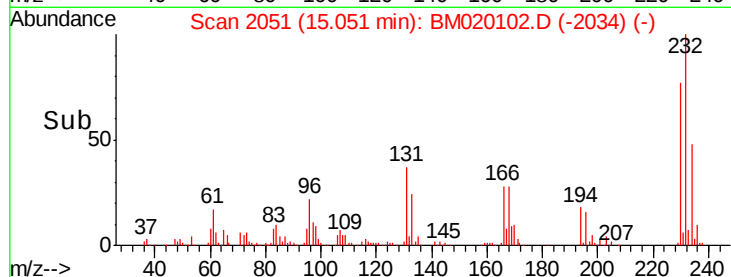
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.173 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	330305
Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.2	51.4
130	2.5	2.0	3.0
166	28.5	23.8	35.8

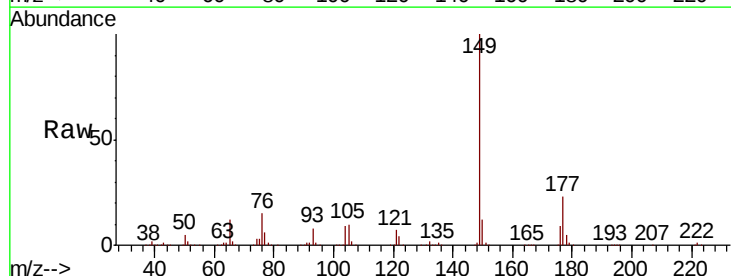


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

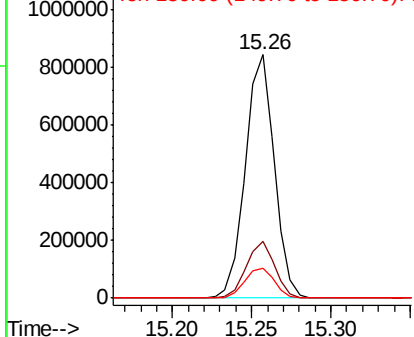
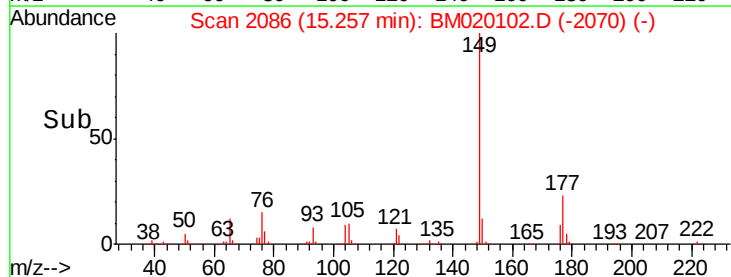


#60
 Diethylphthalate
 Concen: 36.732 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion:	149	Resp:	1068929
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.2	27.4
150	12.5	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

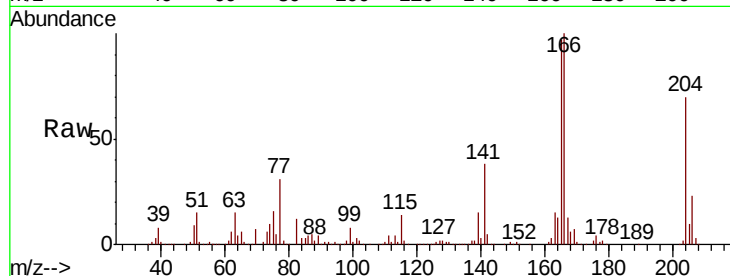




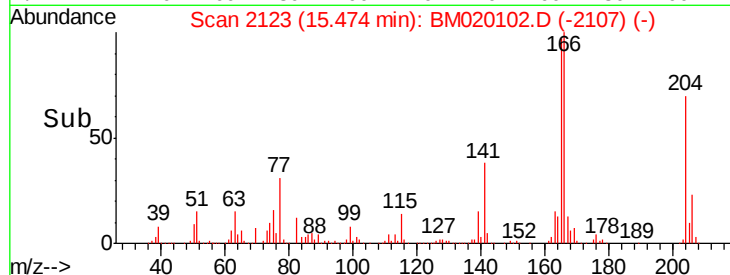
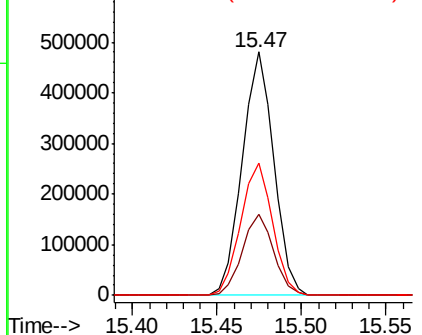
#61
 4-Chlorophenyl-phenylether
 Concen: 39.043 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 628150
 Ion Ratio Lower Upper
 204 100
 206 33.4 25.6 38.4
 141 54.2 46.1 69.1

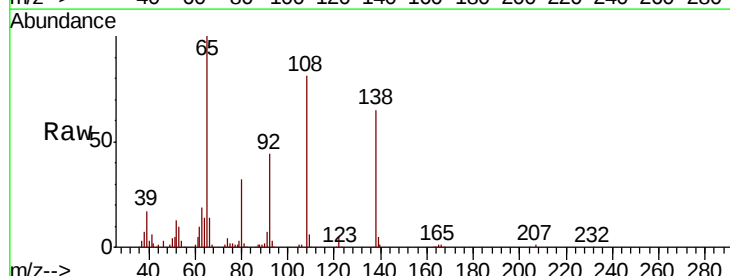


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

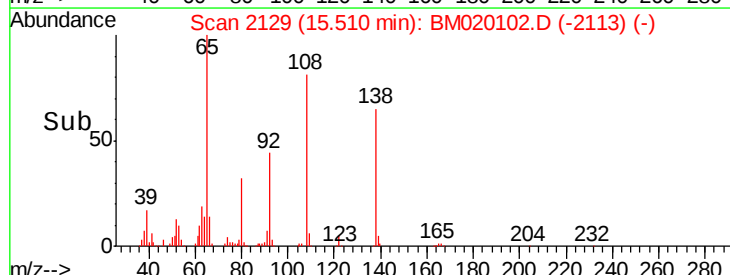
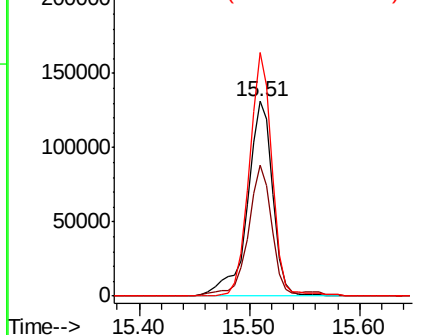


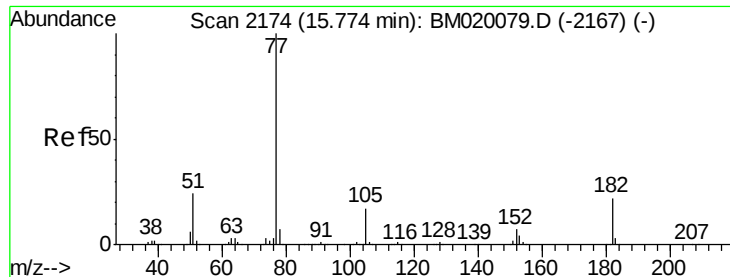
#62
 4-Nitroaniline
 Concen: 33.757 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion:138 Resp: 210353
 Ion Ratio Lower Upper
 138 100
 92 67.3 45.9 85.9
 108 125.0 97.7 137.7



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





#63

Azobenzene

Concen: 36.094 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 1239131

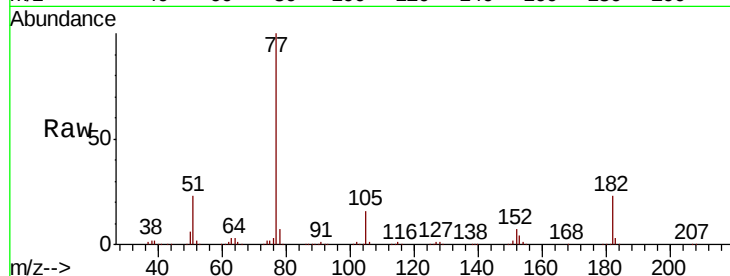
Ion Ratio Lower Upper

77 100

182 22.7 2.1 42.1

105 16.1 0.0 36.8

51 23.3 3.8 43.8

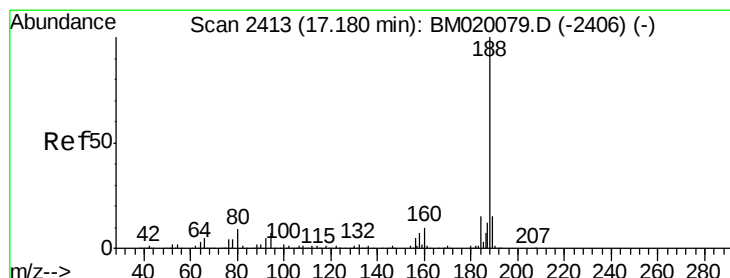
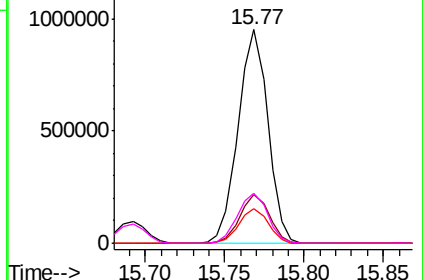
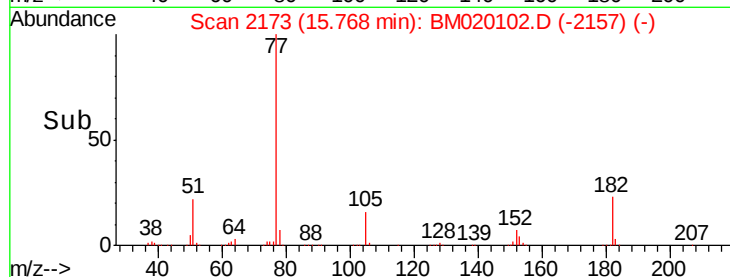


Abundance Ion 77.00 (76.70 to 77.70): BM0

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# 2412

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

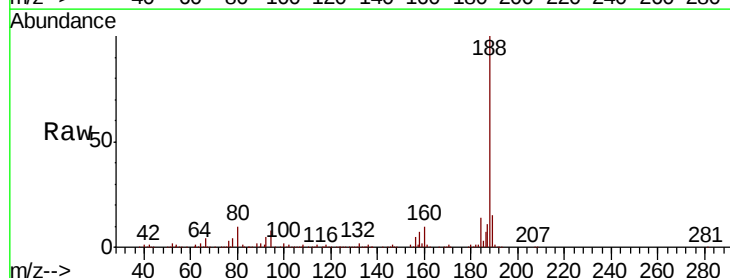
Tgt Ion: 188 Resp: 760841

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

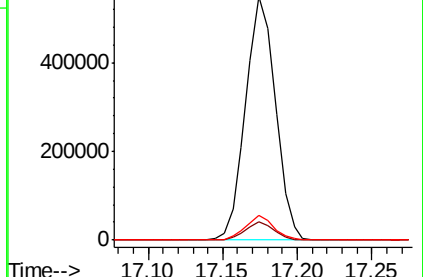
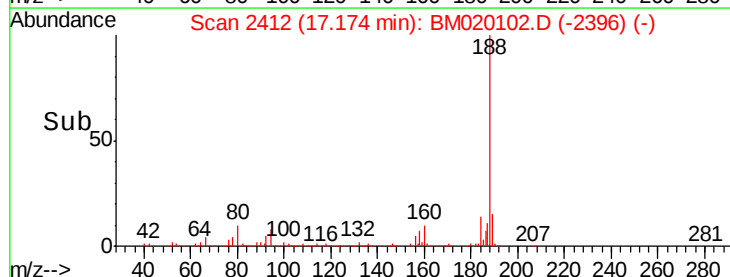
80 9.9 7.4 11.2

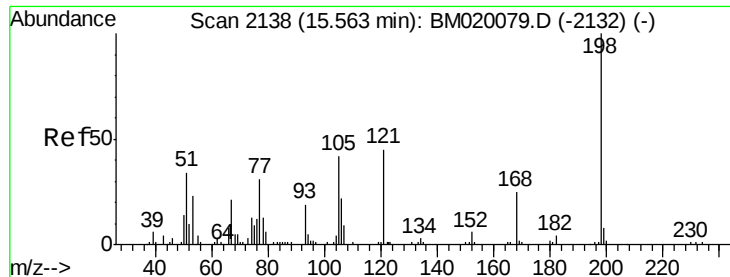


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

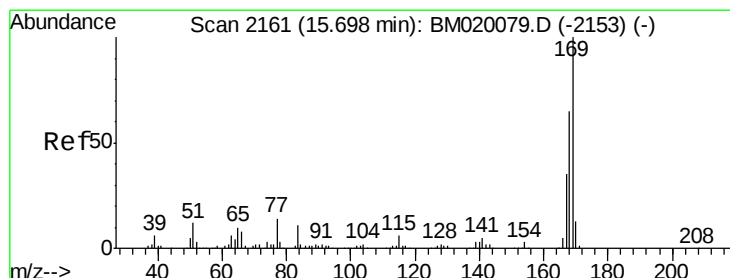
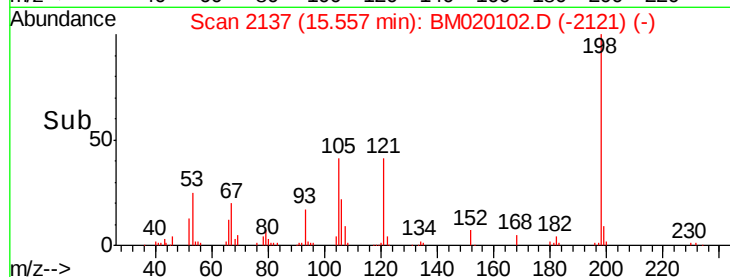
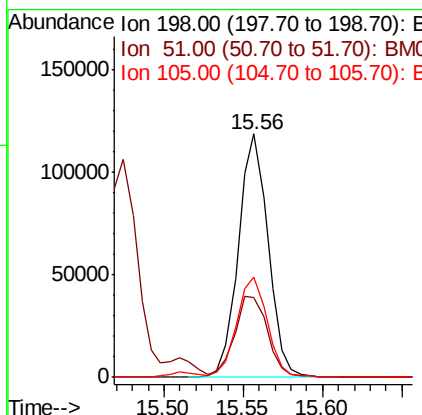
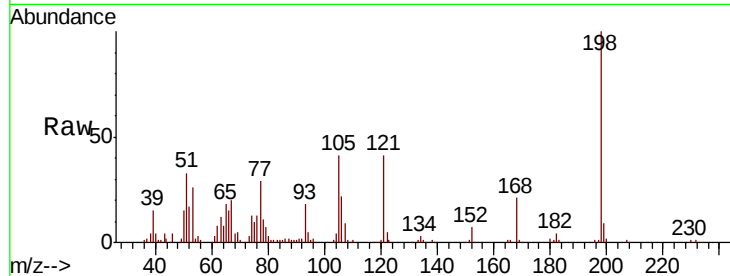




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.381 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

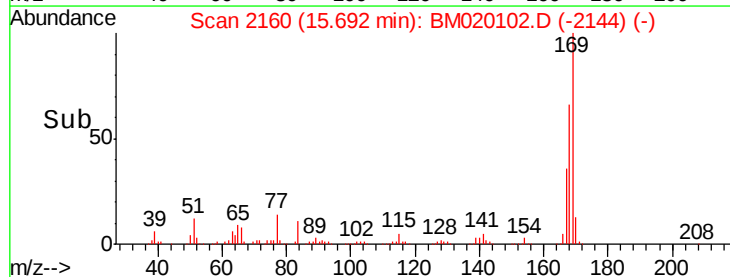
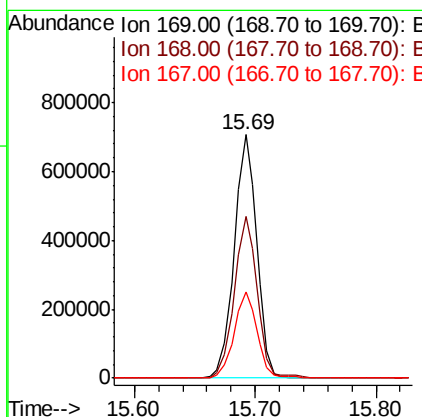
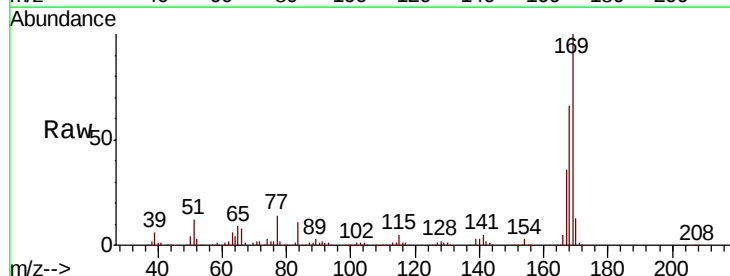
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.6	16.5	56.5
105	41.0	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 41.007 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM020102.D
 Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	51.9	77.9
167	35.6	27.8	41.6

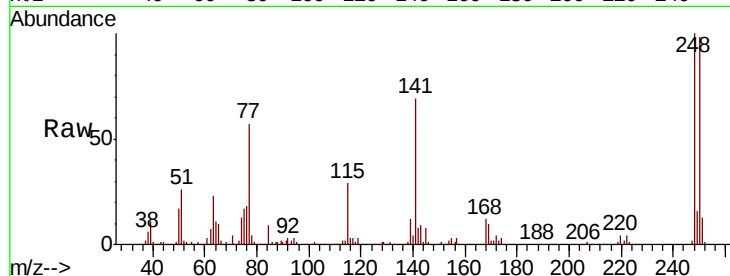




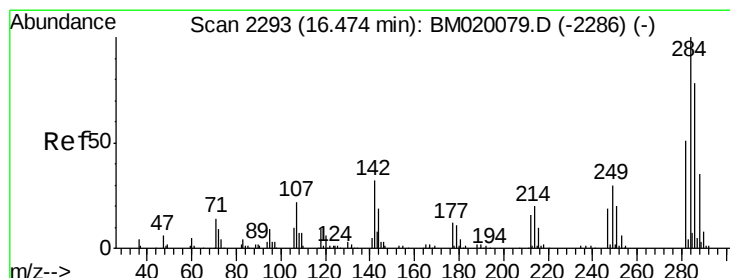
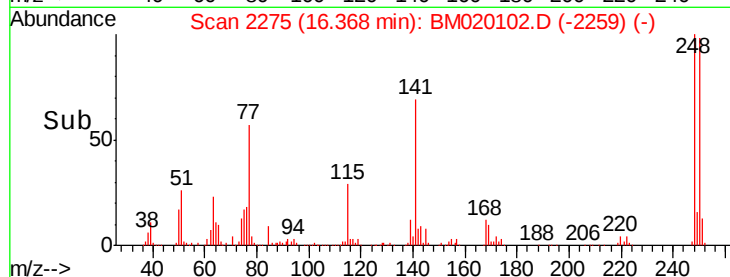
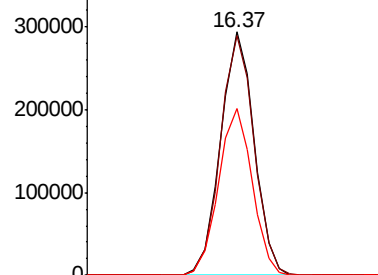
#67
4-Bromophenyl-phenylether
Concen: 40.686 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 379592
Ion Ratio Lower Upper
248 100
250 98.3 78.4 117.6
141 68.5 57.4 86.2

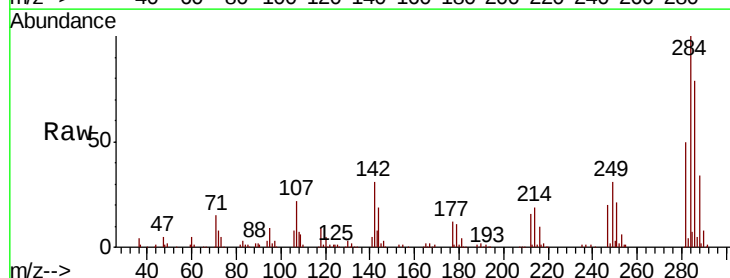


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

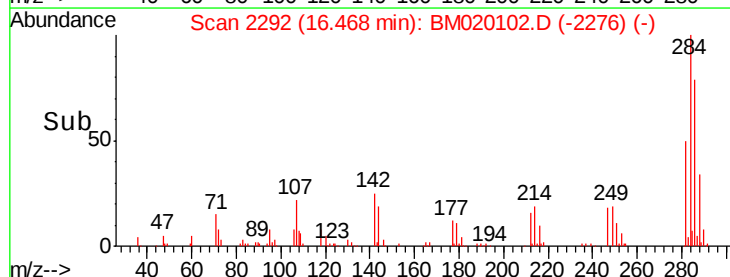
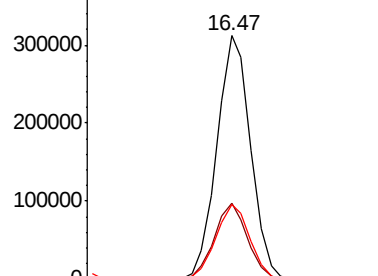


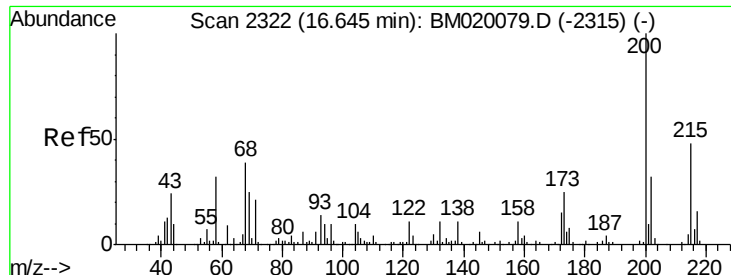
#68
Hexachlorobenzene
Concen: 40.340 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:284 Resp: 433102
Ion Ratio Lower Upper
284 100
142 31.2 25.2 37.8
249 30.7 23.6 35.4



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

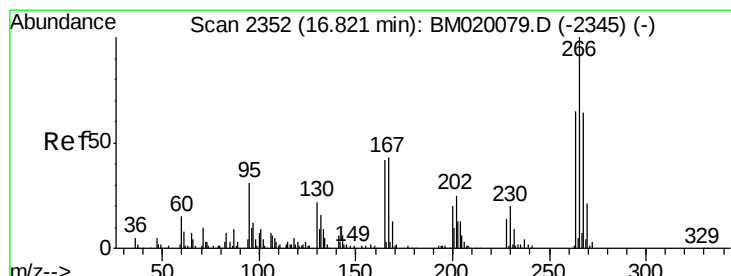
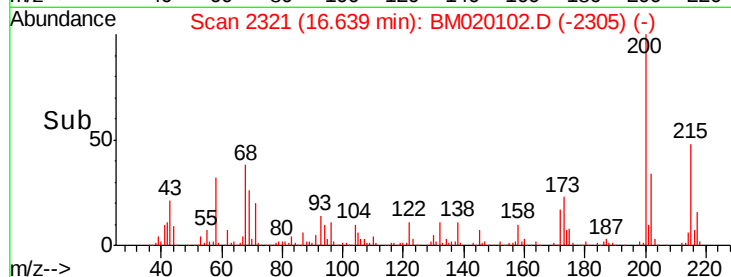
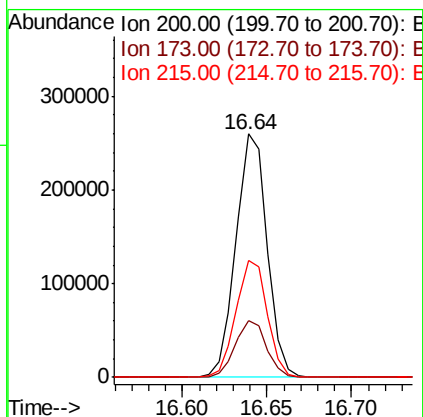
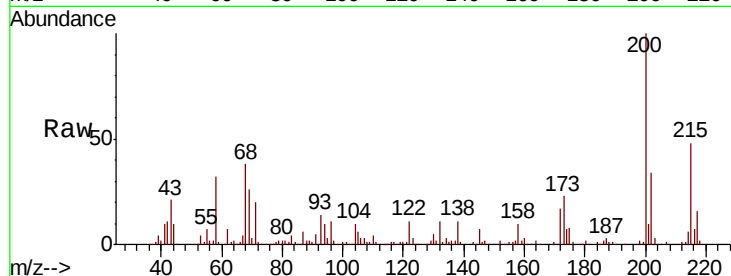




#69
Atrazine
Concen: 38.203 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

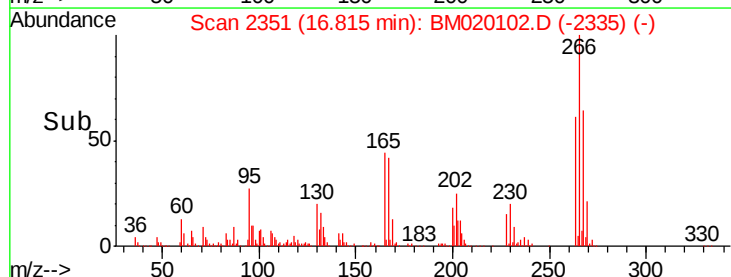
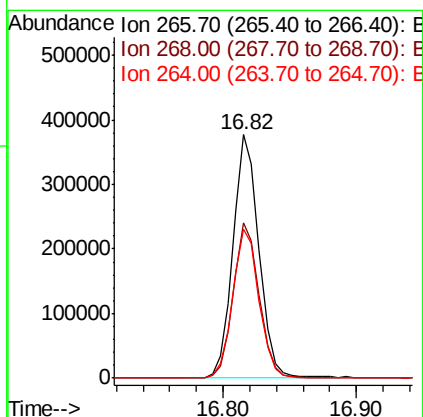
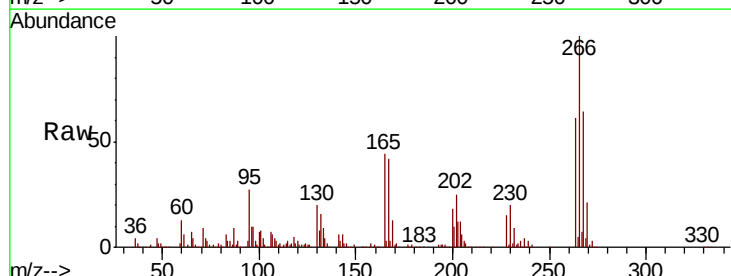
Instrument :
BNA_M
ClientSampleId :

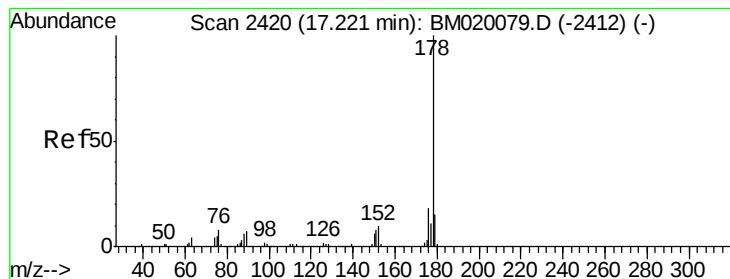
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.6	44.6
215	48.2	28.0	68.0



#70
Pentachlorophenol
Concen: 83.117 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.0
264	61.1	52.0	78.0





#71

Phenanthrene

Concen: 38.651 ng

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

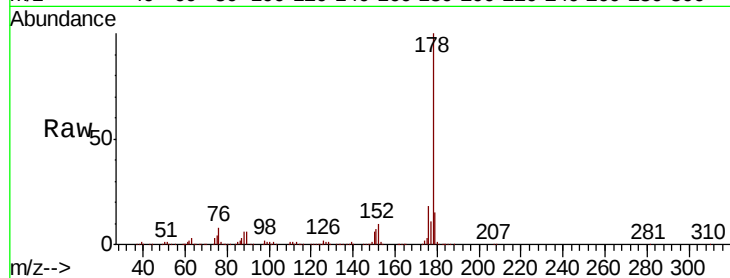
Tot Ion:178 Resp: 1623323

Ion Ratio Lower Upper

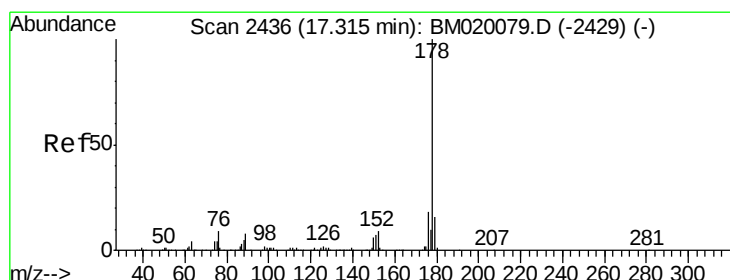
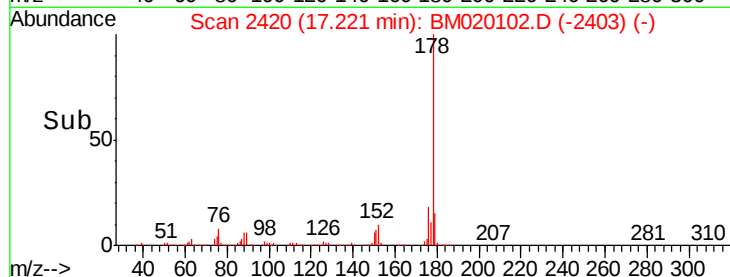
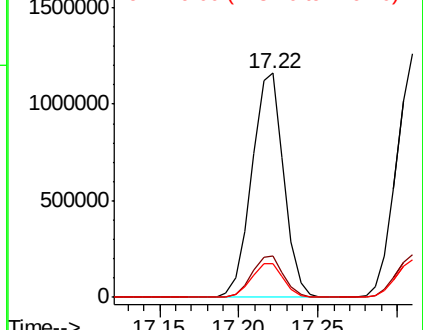
178 100

176 18.2 14.6 21.8

179 15.3 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: 39.601 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

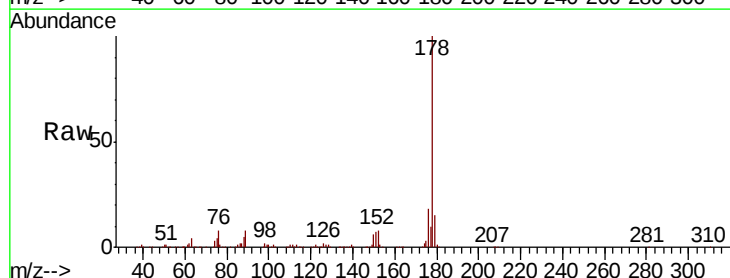
Tgt Ion:178 Resp: 1662913

Ion Ratio Lower Upper

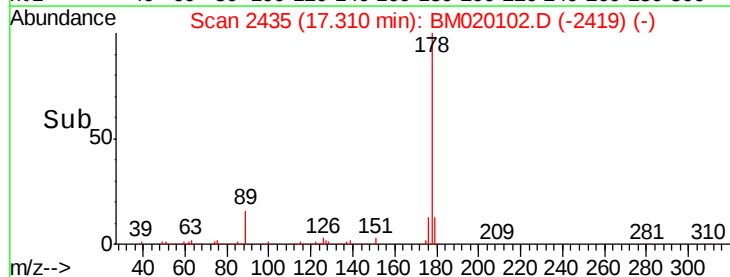
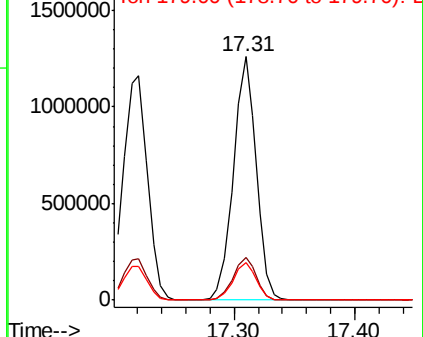
178 100

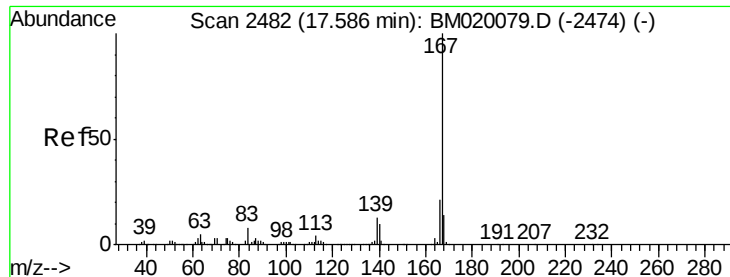
176 17.7 14.6 22.0

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: 36.337 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

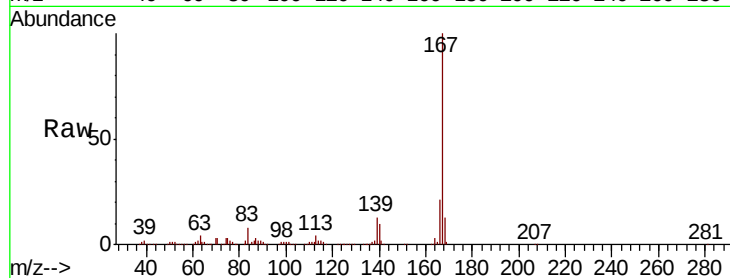
Tot Ion:167 Resp: 1376800

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

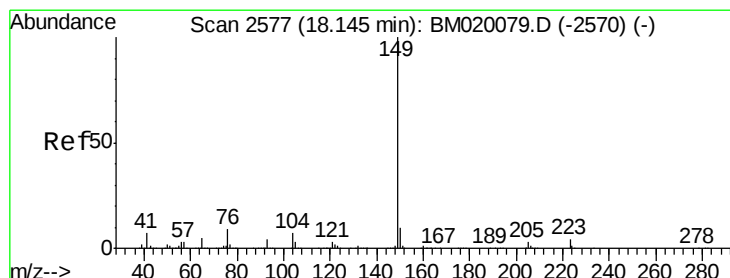
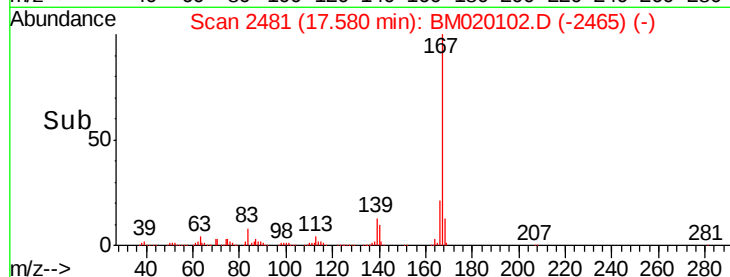
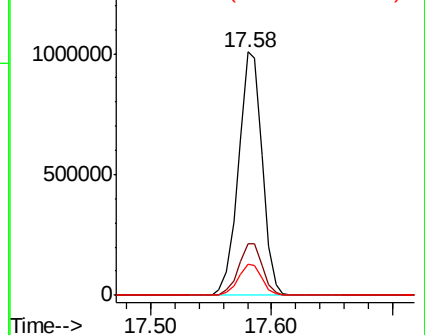
139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.928 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

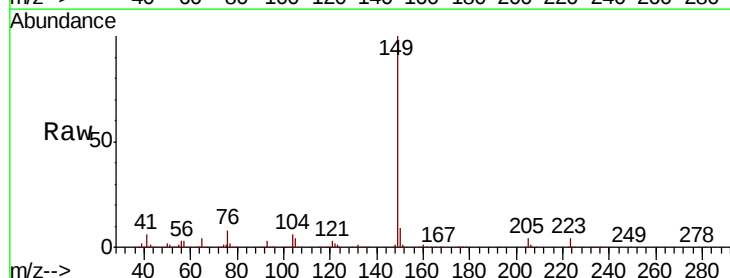
Tgt Ion:149 Resp: 1638250

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

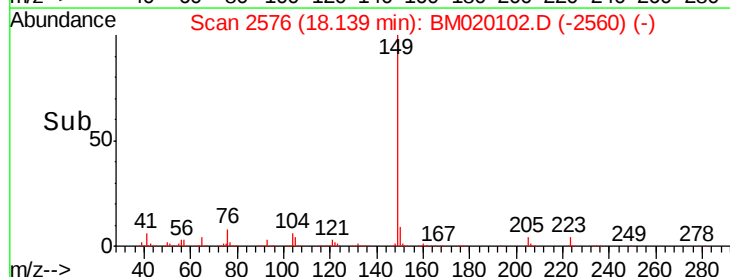
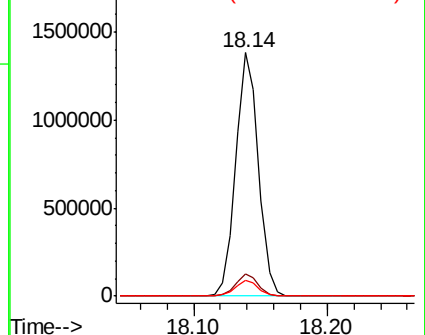
104 6.4 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.000 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

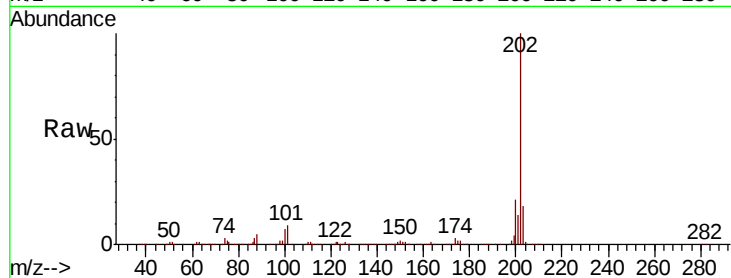
Tot Ion:202 Resp: 1859902

Ion Ratio Lower Upper

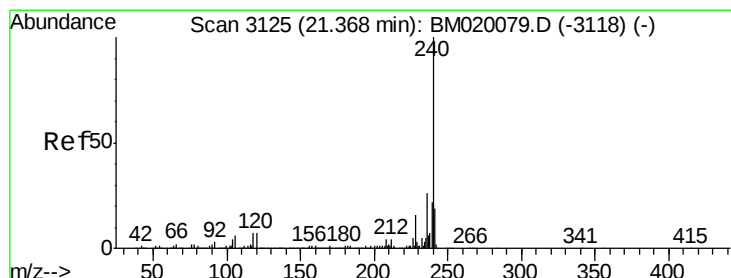
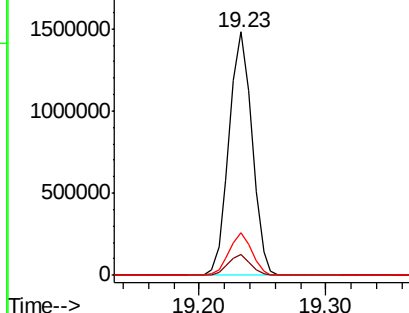
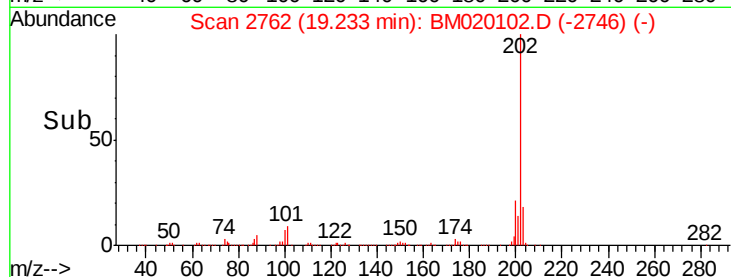
202 100

101 8.6 0.0 28.4

203 17.7 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# 3124

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

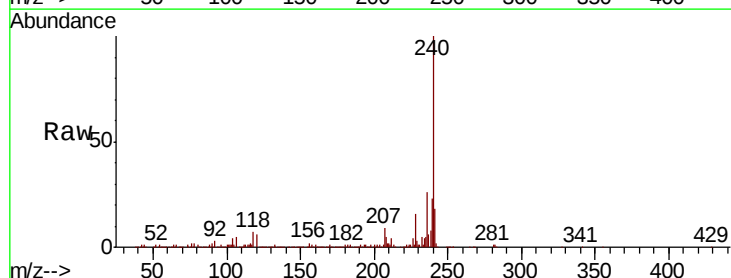
Tgt Ion:240 Resp: 635335

Ion Ratio Lower Upper

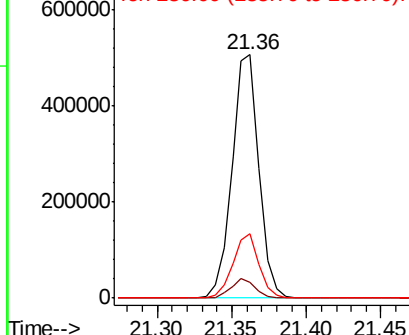
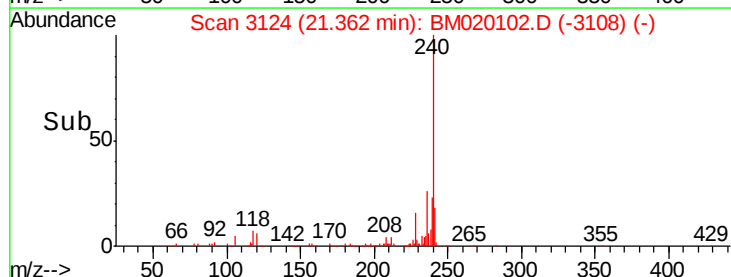
240 100

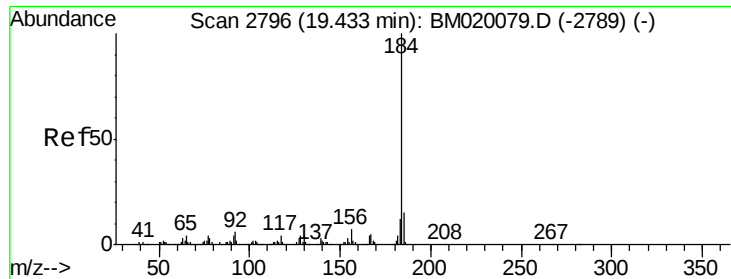
120 6.3 5.6 8.4

236 26.3 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: 39.742 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

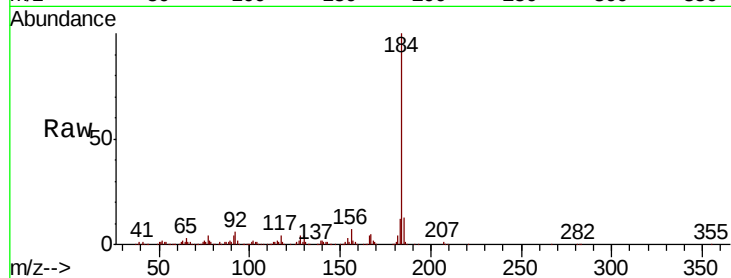
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 807246

Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.0	18.0
183	11.8	9.5	14.3

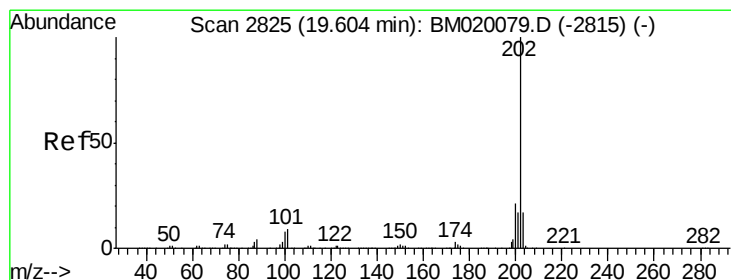
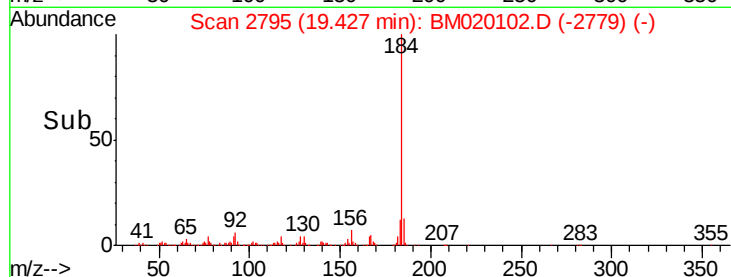
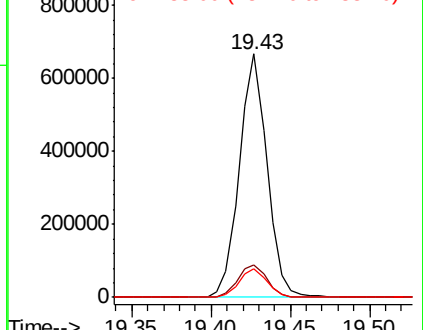


Abundance

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: 44.391 ng

RT: 19.60 min Scan# 2824

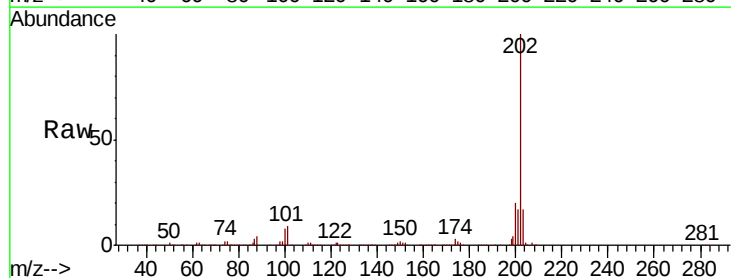
Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Tgt Ion:202 Resp: 1893545

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	16.9	13.9	20.9

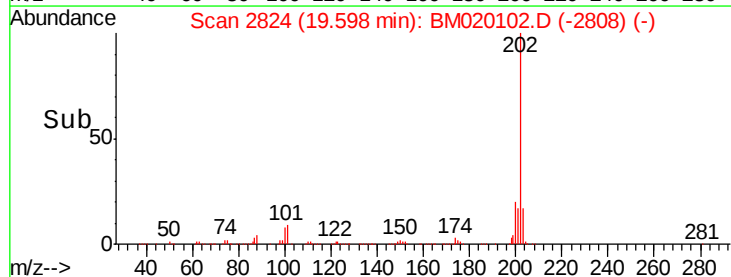
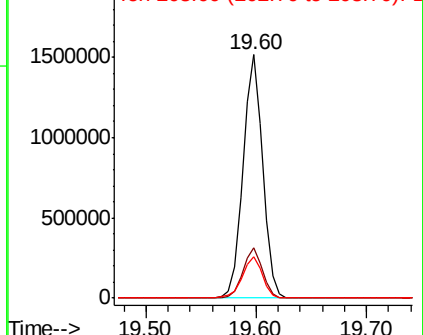


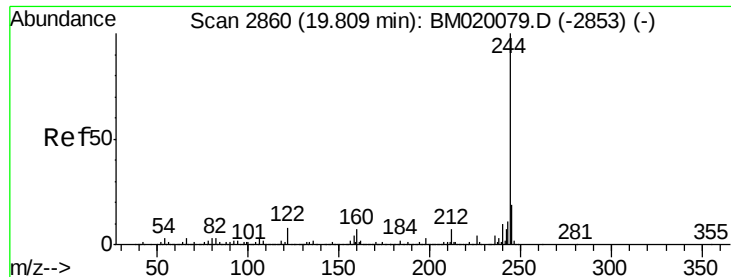
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.307 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

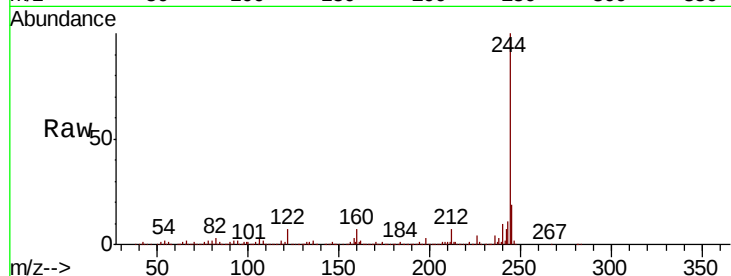
Tot Ion:244 Resp: 3107334

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

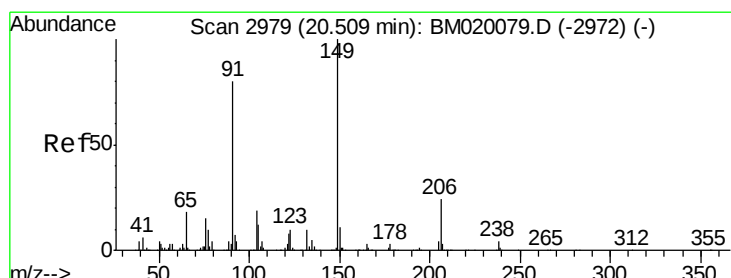
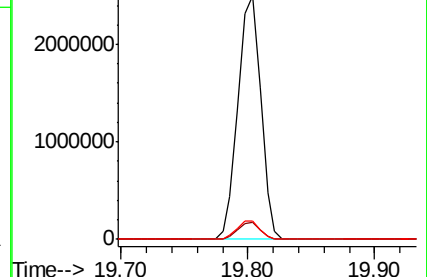
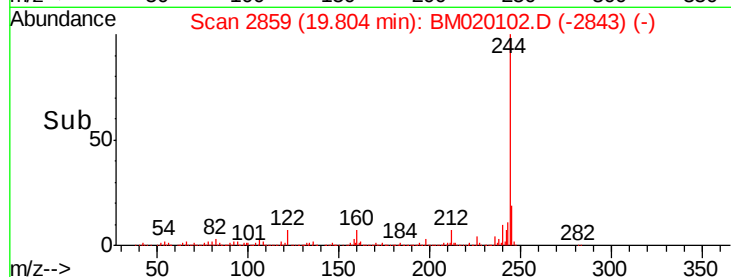
122 7.3 6.2 9.2



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: 41.546 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

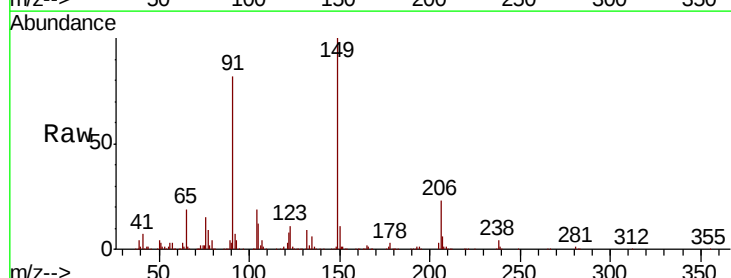
Tgt Ion:149 Resp: 644460

Ion Ratio Lower Upper

149 100

91 81.6 63.8 95.8

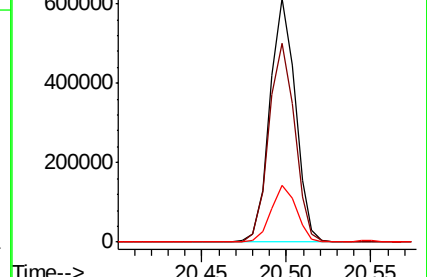
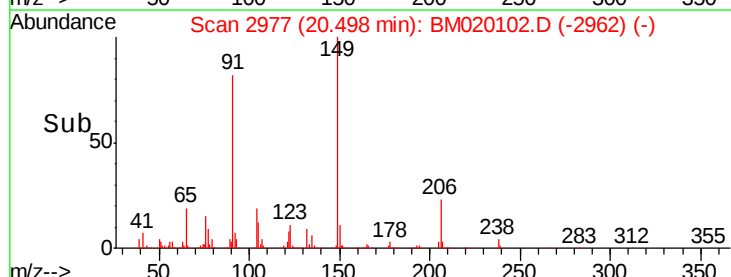
206 23.2 18.9 28.3

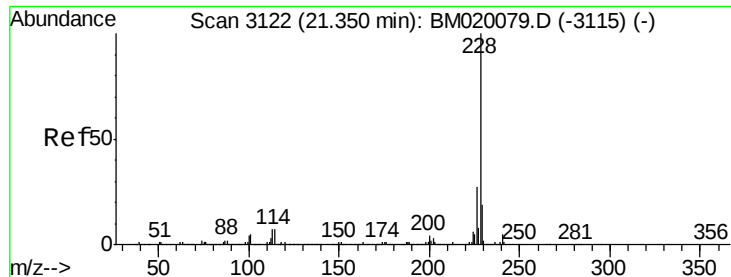


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

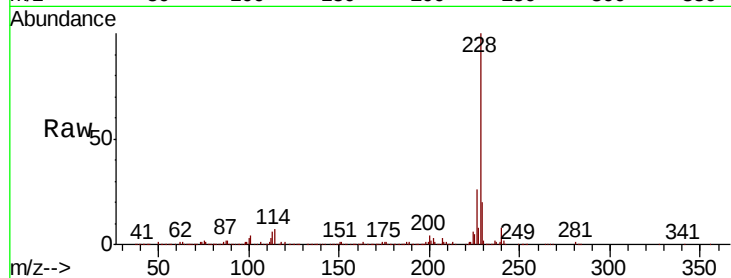




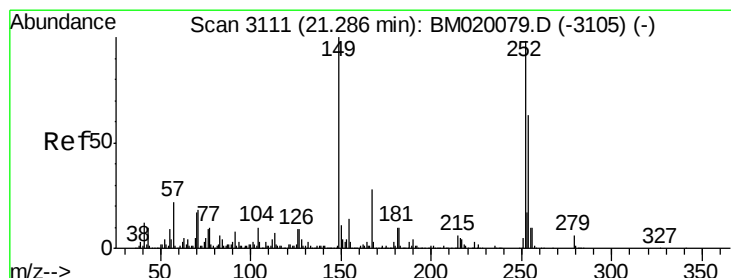
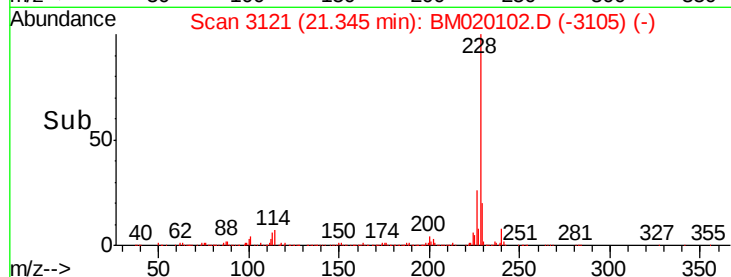
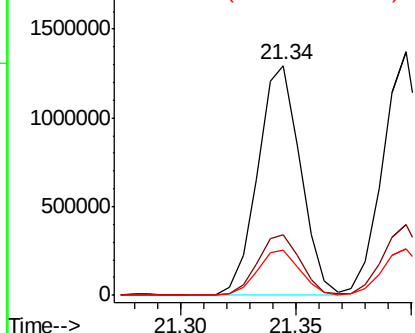
#81
Benzo(a)anthracene
Concen: 37.378 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 1665404
Ion Ratio Lower Upper
228 100
226 26.4 21.3 31.9
229 19.9 15.5 23.3

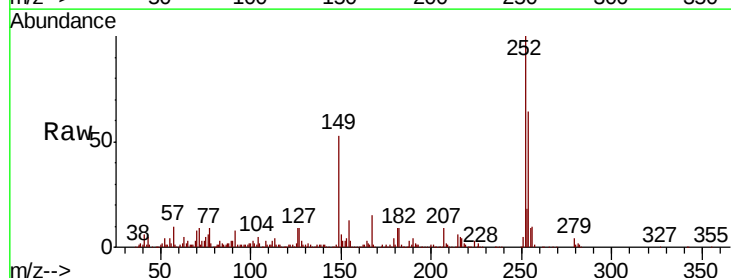


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

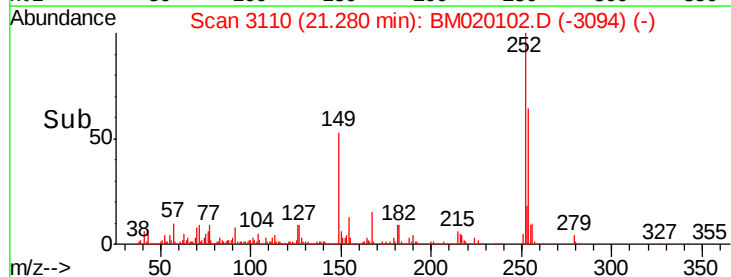
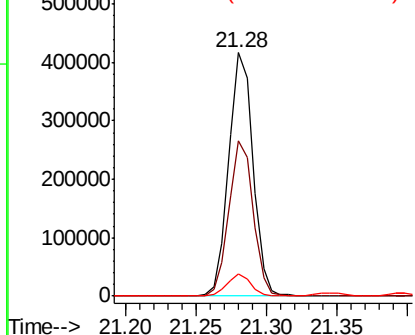


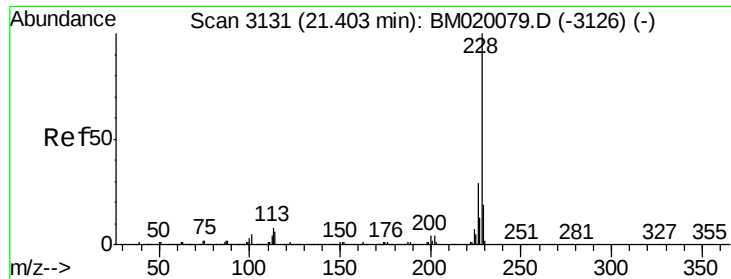
#82
3,3'-Dichlorobenzidine
Concen: 29.533 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:252 Resp: 502231
Ion Ratio Lower Upper
252 100
254 63.7 51.1 76.7
126 9.1 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.132 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

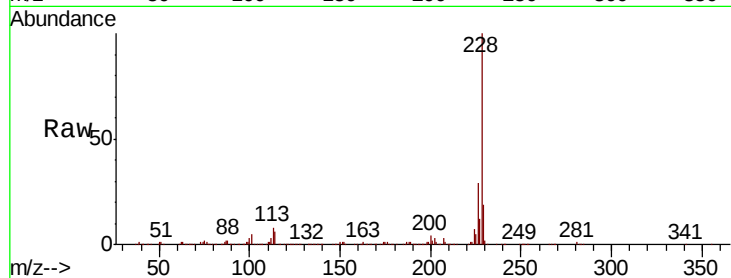
Tot Ion:228 Resp: 1647741

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.6

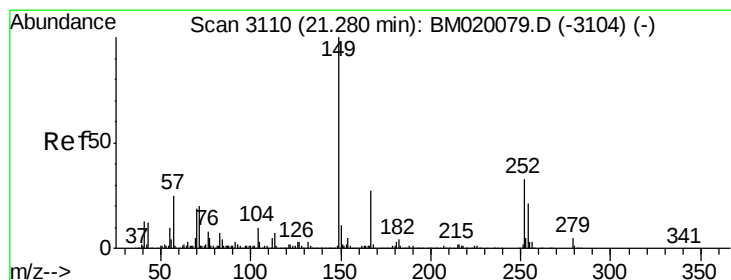
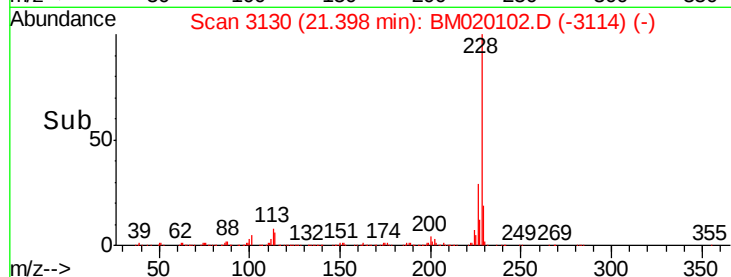
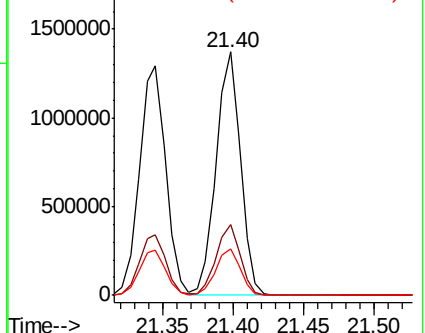
229 19.2 15.5 23.3



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: 37.070 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

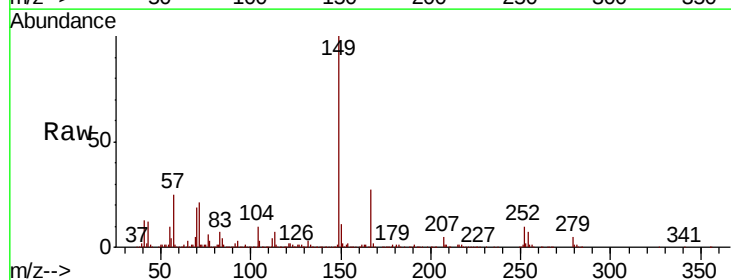
Tgt Ion:149 Resp: 892279

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

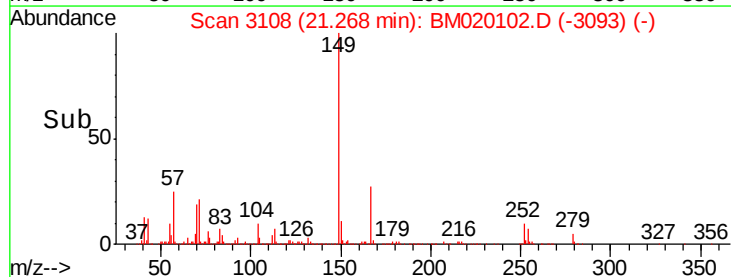
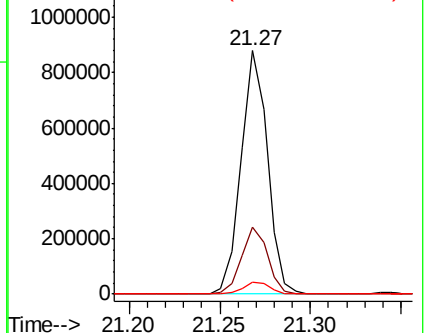
279 4.9 4.2 6.2

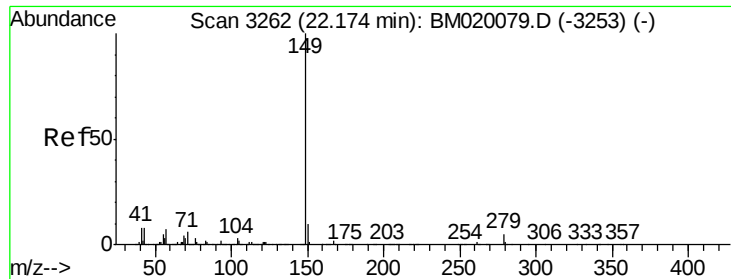


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.440 ng

RT: 22.16 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

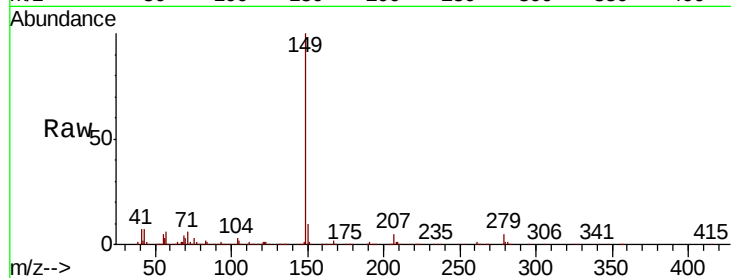
Tot Ion:149 Resp: 1417818

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

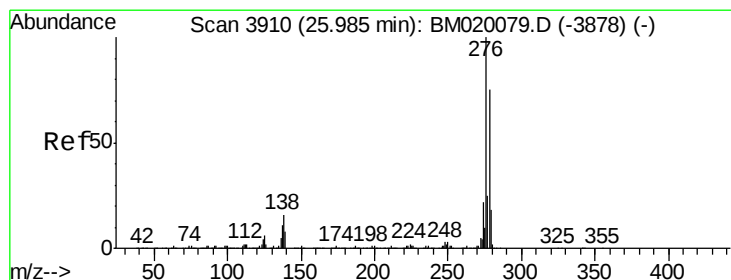
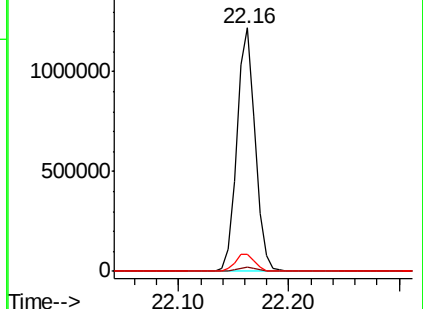
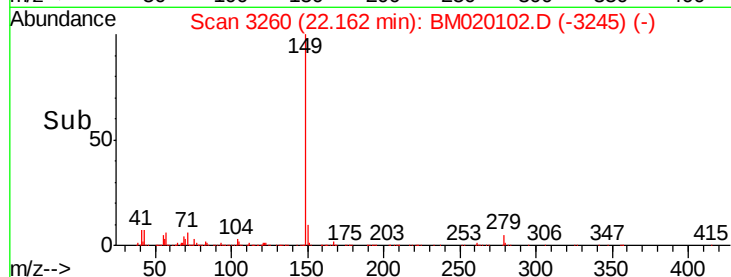
43 7.7 6.5 9.7



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: 33.997 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.02 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

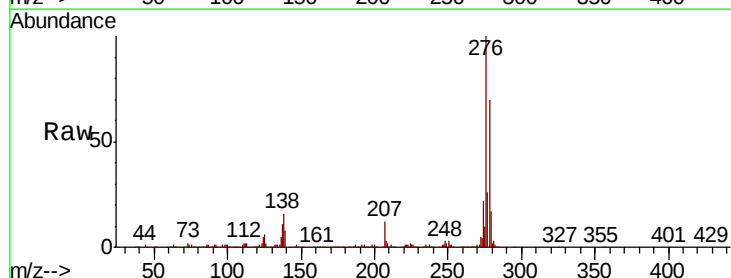
Tgt Ion:276 Resp: 1747407

Ion Ratio Lower Upper

276 100

138 16.5 0.0 0.0#

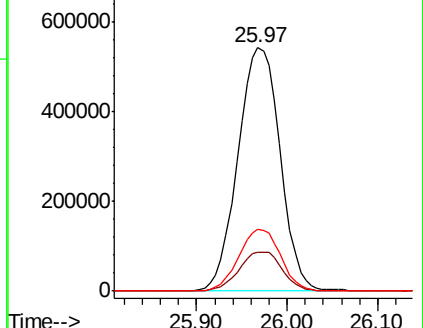
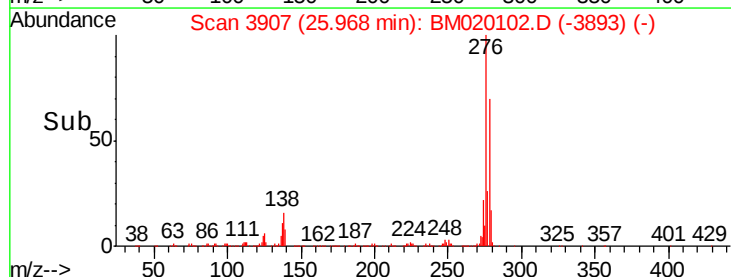
277 25.2 0.0 0.0#

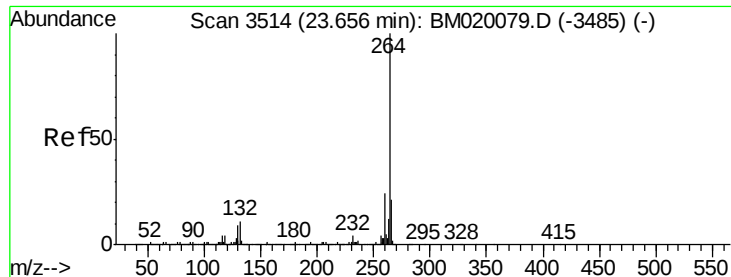


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

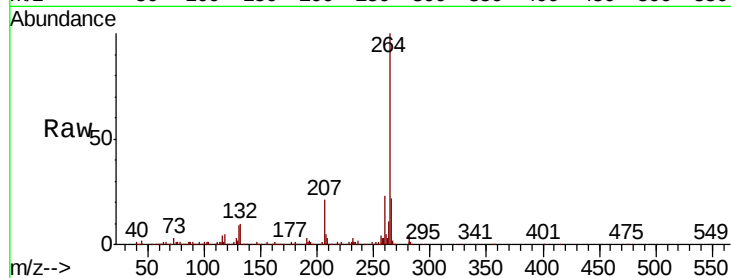
Tot Ion:264 Resp: 598156

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

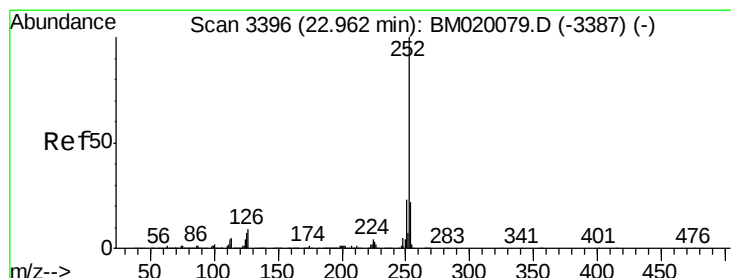
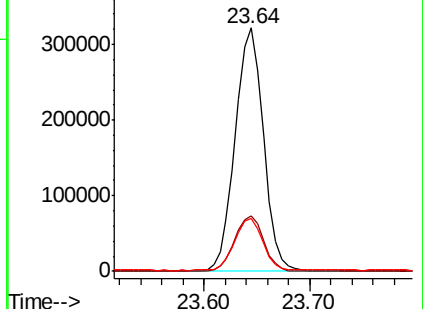
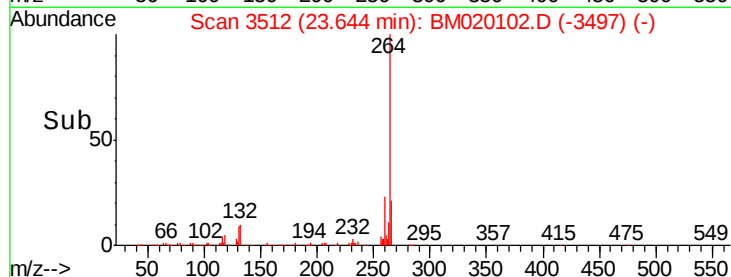
265 21.5 16.9 25.3



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: 40.003 ng

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

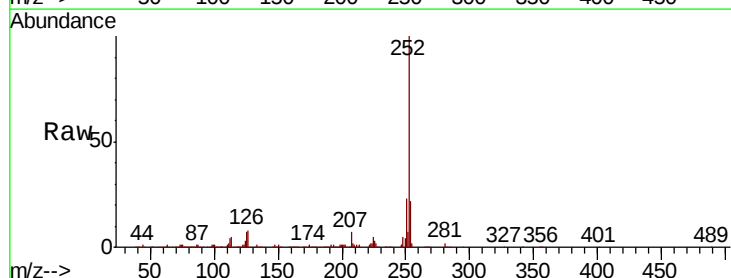
Tgt Ion:252 Resp: 1580083

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

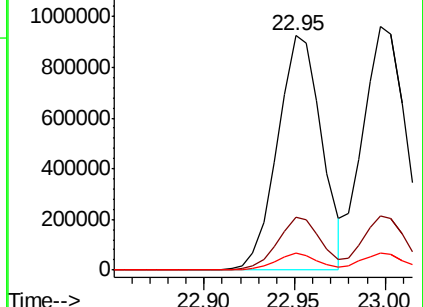
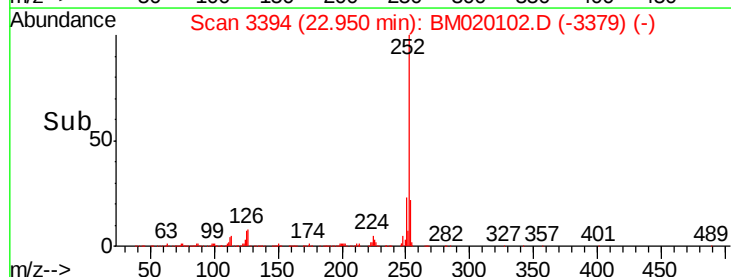
125 7.1 5.4 8.2

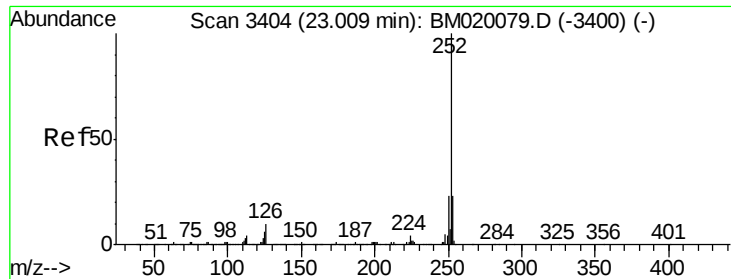


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

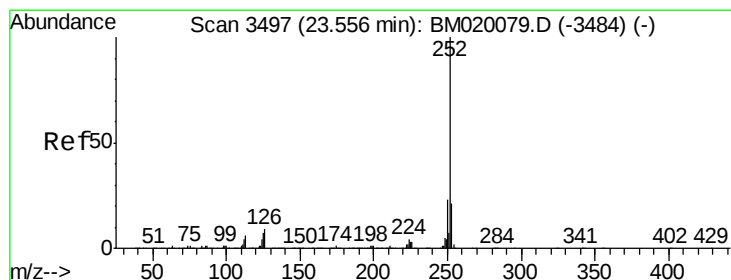
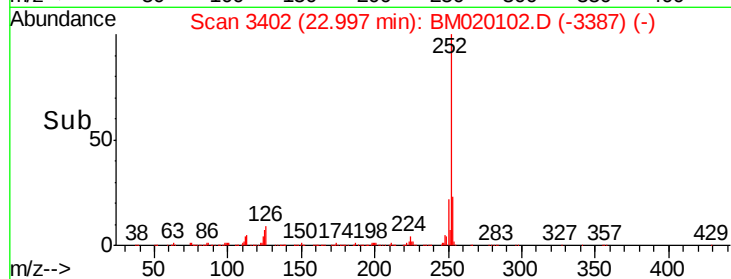
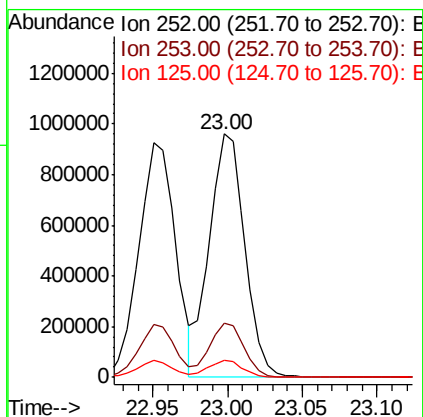
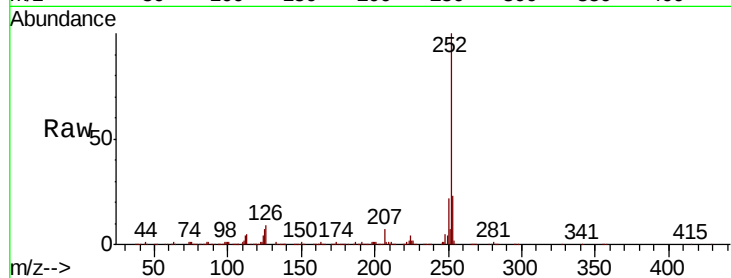




#89
Benzo(k)fluoranthene
Concen: 44.007 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

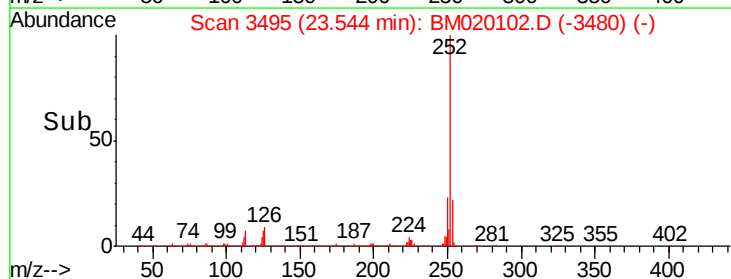
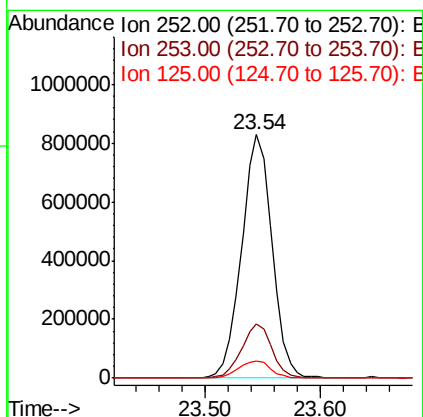
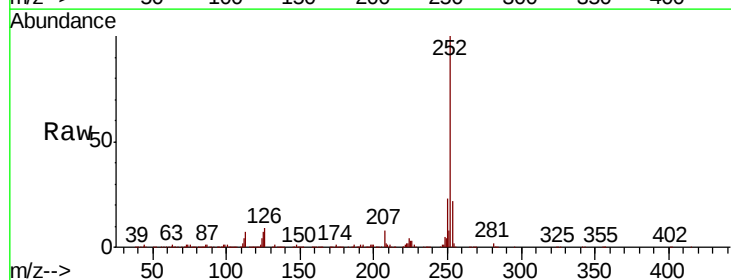
Instrument :
BNA_M
ClientSampleId :

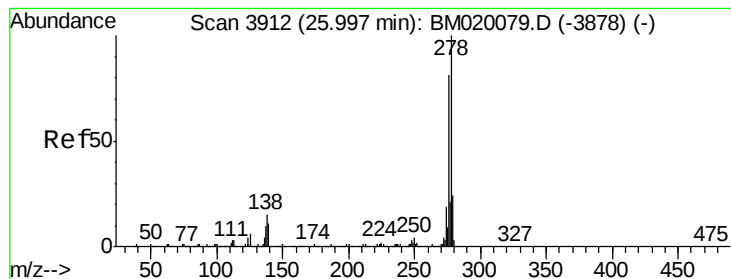
Tot Ion:252 Resp: 1585606
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.0 5.4 8.0



#90
Benzo(a)pyrene
Concen: 42.296 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020102.D
Acq: 02 May 2019 10:13

Tgt Ion:252 Resp: 1517496
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 7.0 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 40.575 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

Instrument :

BNA_M

ClientSampleId :

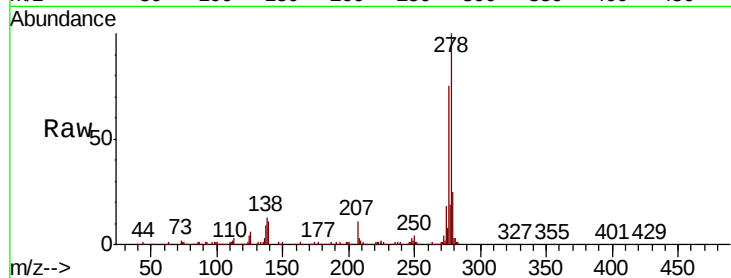
Tot Ion:278 Resp: 1513931

Ion Ratio Lower Upper

278 100

139 11.1 8.6 13.0

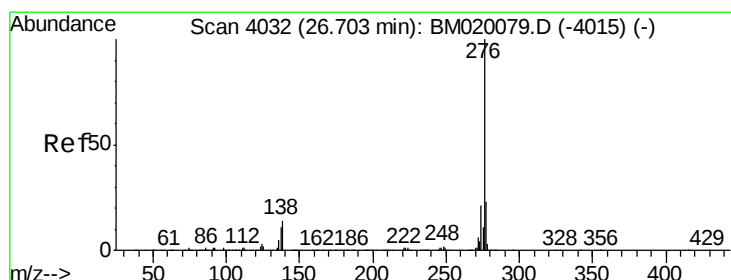
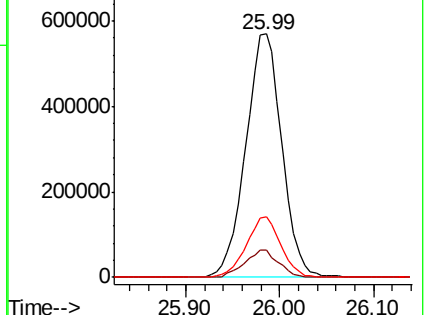
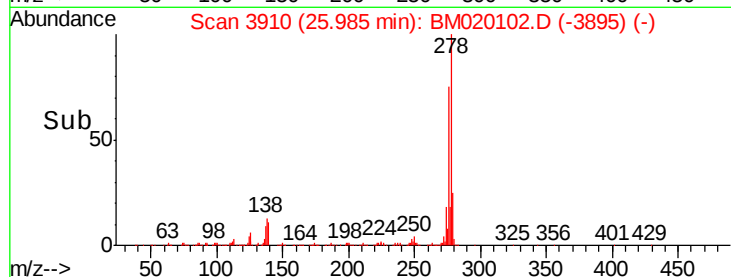
279 24.8 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.969 ng

RT: 26.68 min Scan# 4028

Delta R.T. -0.02 min

Lab File: BM020102.D

Acq: 02 May 2019 10:13

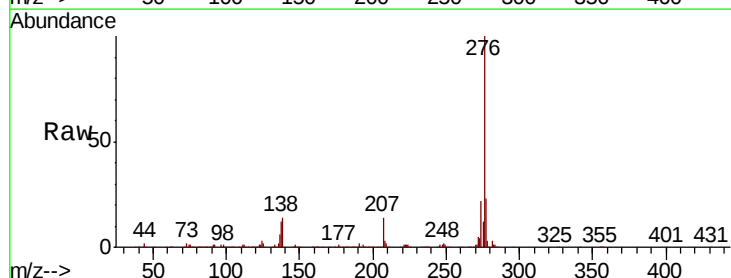
Tgt Ion:276 Resp: 1451275

Ion Ratio Lower Upper

276 100

277 23.4 18.4 27.6

138 13.8 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

