

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072618\
 Data File : BN002177.D
 Acq On : 26 Jul 2018 18:30
 Operator : JU/SJ
 Sample : PB111425BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 27 01:21:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 26 18:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	280837	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1044484	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	516765	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	943553	20.00	ng	0.00
75) Chrysene-d12	21.27	240	696788	20.00	ng	0.00
86) Perylene-d12	23.50	264	646482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	2621671	150.29	ng	0.00
7) Phenol-d6	6.89	99	3425750	139.94	ng	0.01
23) Nitrobenzene-d5	8.85	82	2069481	101.61	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	904504	134.79	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	4160503	104.87	ng	0.00
78) Terphenyl-d14	19.71	244	3978896	119.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	248100	37.885	ng	# 81
3) Pyridine	3.66	79	737549	38.881	ng	# 72
4) n-Nitrosodimethylamine	3.59	42	387326	47.600	ng	# 73
6) Aniline	7.03	93	914713	30.589	ng	98
8) 2-Chlorophenol	7.27	128	940096	46.469	ng	94
9) Benzaldehyde	6.85	77	591652	39.244	ng	92
10) Phenol	6.91	94	1167831	46.541	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	880710	43.122	ng	95
12) 1,3-Dichlorobenzene	7.58	146	988937	42.894	ng	99
13) 1,4-Dichlorobenzene	7.73	146	1014452	43.010	ng	97
14) 1,2-Dichlorobenzene	8.04	146	972263	42.730	ng	97
15) Benzyl Alcohol	7.93	79	791571	42.852	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1438124	43.606	ng	93
17) 2-Methylphenol	8.14	107	773639	45.161	ng	95
18) Hexachloroethane	8.76	117	377548	43.737	ng	91
19) n-Nitroso-di-n-propylamine	8.50	70	697592	39.287	ng	# 97
20) 3+4-Methylphenols	8.47	107	1028973	43.051	ng	91
22) Acetophenone	8.51	105	1347317	49.751	ng	# 97
24) Nitrobenzene	8.89	77	1042438	49.387	ng	94
25) Isophorone	9.40	82	1833134	52.419	ng	96
26) 2-Nitrophenol	9.59	139	495907	48.636	ng	98
27) 2,4-Dimethylphenol	9.66	122	806837	56.897	ng	95
28) bis(2-Chloroethoxy)methane	9.89	93	1125853	49.839	ng	96
29) 2,4-Dichlorophenol	10.12	162	826792	50.000	ng	95
30) 1,2,4-Trichlorobenzene	10.33	180	901390	48.133	ng	96
31) Naphthalene	10.52	128	2716171	51.527	ng	98
32) Benzoic acid	9.82	122	482131	40.072	ng	92
33) 4-Chloroaniline	10.63	127	201889	8.608	ng	98
34) Hexachlorobutadiene	10.80	225	545212	47.542	ng	98
35) Caprolactam	11.41	113	138839	24.603	ng	# 69
36) 4-Chloro-3-methylphenol	11.76	107	841732	44.766	ng	98
37) 2-Methylnaphthalene	12.13	142	1908937	51.346	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	924536	53.208	ng	# 98
40) Hexachlorocyclopentadiene	12.48	237	1322501	134.761	ng	91

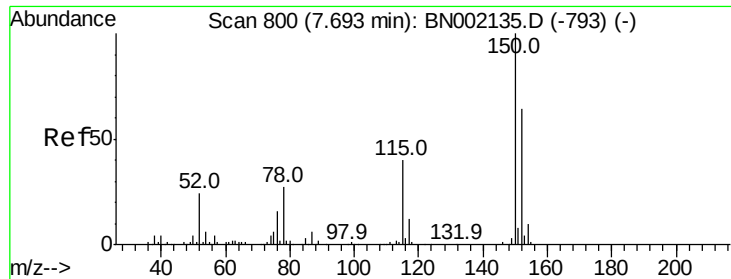
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072618\
 Data File : BN002177.D
 Acq On : 26 Jul 2018 18:30
 Operator : JU/SJ
 Sample : PB111425BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 27 01:21:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 26 18:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	604304	51.834	nq	97
43) 2,4,5-Trichlorophenol	12.82	196	627002	50.771	nq	98
45) 1,1'-Biphenyl	13.15	154	2332197	51.287	nq	99
46) 2-Chloronaphthalene	13.19	162	1790558	51.013	nq	98
47) 2-Nitroaniline	13.40	65	540659	47.870	nq	94
48) Acenaphthylene	14.05	152	2824380	53.026	nq	98
49) Dimethylphthalate	13.79	163	2045709	47.656	nq	99
50) 2,6-Dinitrotoluene	13.90	165	451154	47.307	nq	95
51) Acenaphthene	14.39	154	1612369	50.254	nq	98
52) 3-Nitroaniline	14.23	138	149060	14.426	nq	# 87
53) 2,4-Dinitrophenol	14.45	184	471113	93.296	nq	99
54) Dibenzofuran	14.73	168	2497652	48.015	nq	96
55) 4-Nitrophenol	14.56	139	694740	87.577	nq	93
56) 2,4-Dinitrotoluene	14.70	165	595304	45.994	nq	89
57) Fluorene	15.37	166	1963136	50.070	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	502733	47.335	nq	94
59) Diethylphthalate	15.16	149	1979254	45.301	nq	98
60) 4-Chlorophenyl-phenylether	15.37	204	979014	45.126	nq	95
61) 4-Nitroaniline	15.40	138	417409	39.628	nq	93
62) Azobenzene	15.67	77	1990534	47.481	nq	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	307426	48.260	nq	98
65) n-Nitrosodiphenylamine	15.59	169	1638541	52.333	nq	97
66) 4-Bromophenyl-phenylether	16.27	248	573043	51.879	nq	# 92
67) Hexachlorobenzene	16.38	284	615090	50.344	nq	97
68) Atrazine	16.55	200	519090	49.243	nq	97
69) Pentachlorophenol	16.73	266	639297	81.289	nq	99
70) Phenanthrene	17.12	178	2718814	52.789	nq	99
71) Anthracene	17.20	178	2773629	54.410	nq	98
72) Carbazole	17.47	167	2353990	46.021	nq	97
73) Di-n-butylphthalate	18.05	149	2908542	48.748	nq	99
74) Fluoranthene	19.13	202	2742685	49.048	nq	98
76) Benzidine	19.32	184	929065	40.881	nq	97
77) Pyrene	19.50	202	2696610	56.118	nq	100
79) Butylbenzylphthalate	20.41	149	1129509	53.999	nq	92
80) Benzo(a)anthracene	21.25	228	2294989	54.039	nq	98
81) 3,3'-Dichlorobenzidine	21.19	252	446029	26.958	nq	# 99
82) Chrysene	21.30	228	2145944	53.070	nq	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	1572664	53.917	nq	96
84) Di-n-octyl phthalate	22.07	149	2533435	54.778	nq	97
85) Indeno(1,2,3-cd)pyrene	25.73	276	2510514	63.681	nq	# 95
87) Benzo(b)fluoranthene	22.83	252	2082967	54.594	nq	97
88) Benzo(k)fluoranthene	22.83	252	2082967	55.434	nq	98
89) Benzo(a)pyrene	23.40	252	2009386	56.392	nq	98
90) Dibenzo(a,h)anthracene	25.74	278	2099359	62.754	nq	# 96
91) Benzo(g,h,i)perylene	26.41	276	2144236	66.323	nq	# 95

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

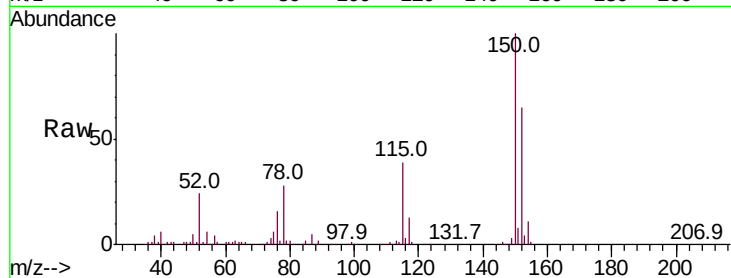


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	60.3	53.0	79.4

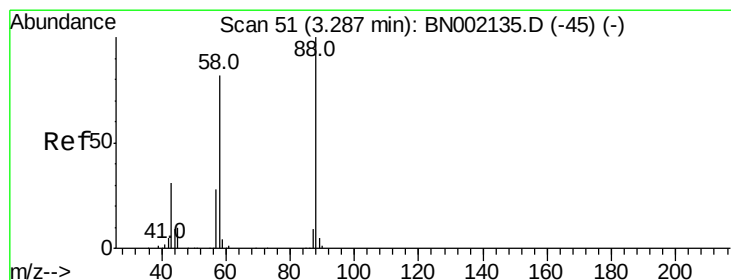
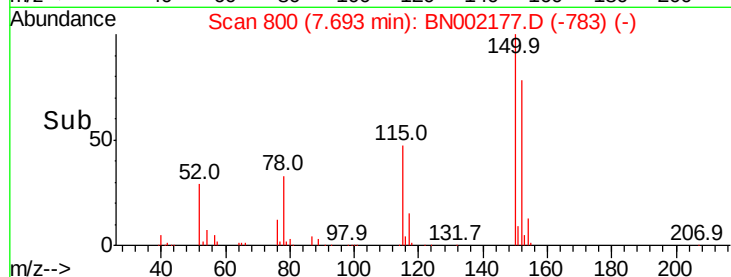
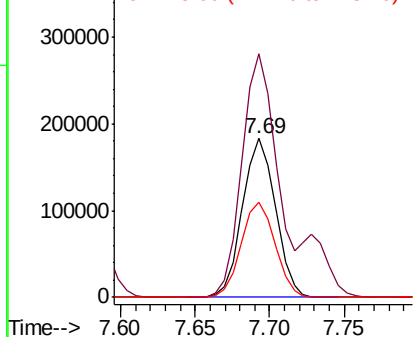


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

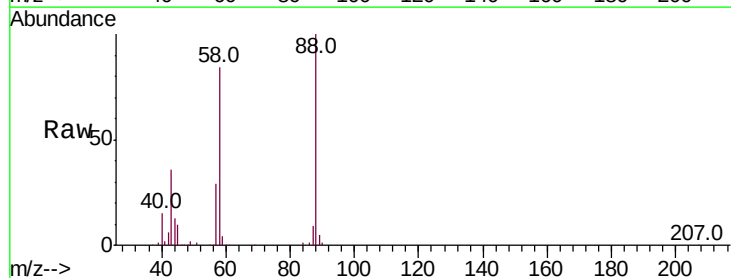
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.885 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	52.0	78.0#
43	31.1	20.0	30.0#

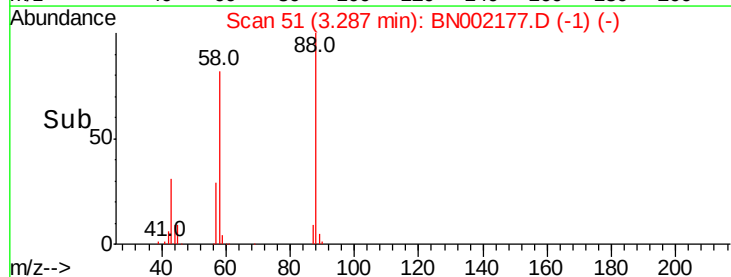
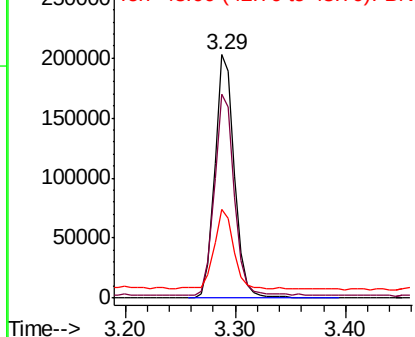


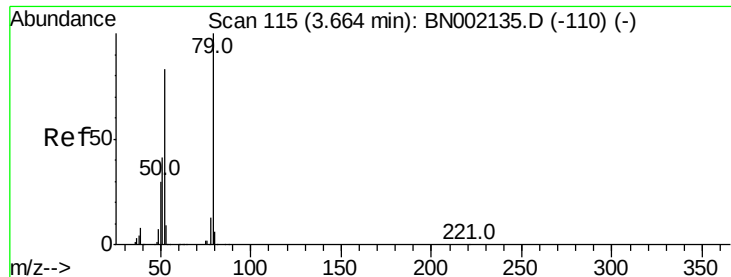
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 38.881 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

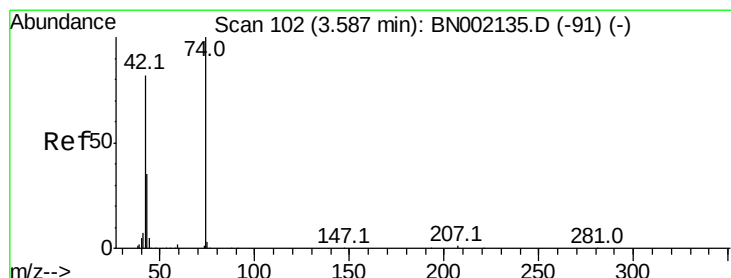
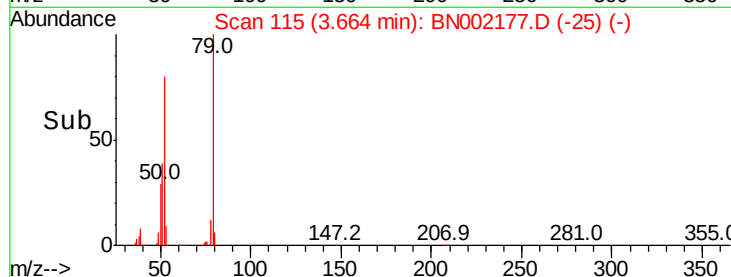
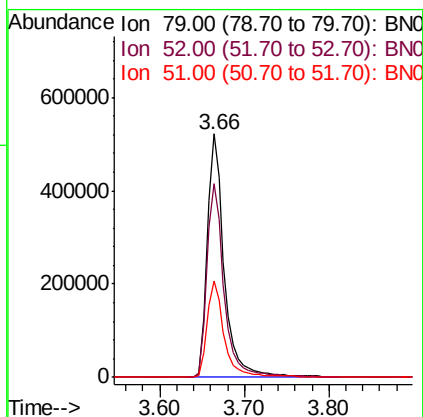
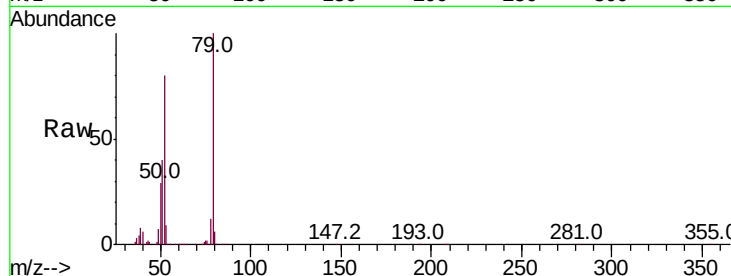
Tot Ion: 79 Resp: 737549

Ion Ratio Lower Upper

79 100

52 79.6 44.0 66.0#

51 39.6 24.0 36.0#



#4

n-Nitrosodimethylamine

Concen: 47.600 ng

RT: 3.59 min Scan# 102

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

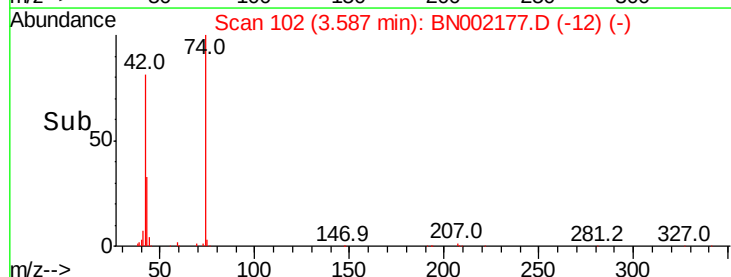
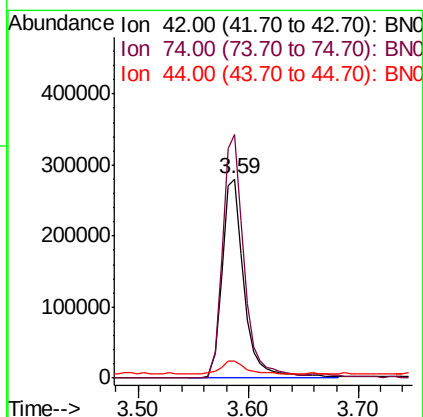
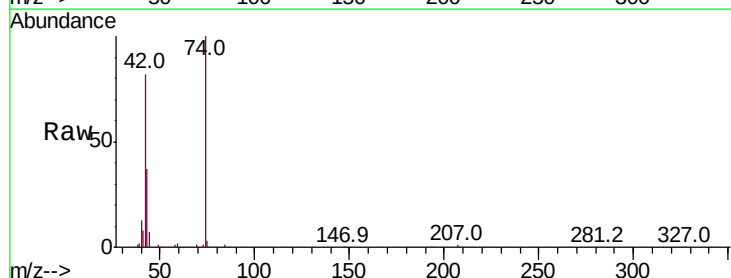
Tgt Ion: 42 Resp: 387326

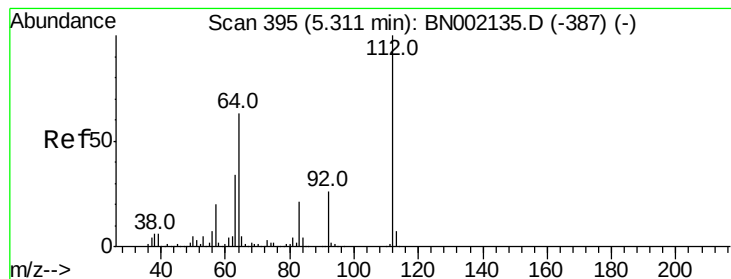
Ion Ratio Lower Upper

42 100

74 122.5 128.0 192.0#

44 8.4 12.0 18.0#





#5

2-Fluorophenol

Concen: 150.290 ng

RT: 5.32 min Scan# 396

Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

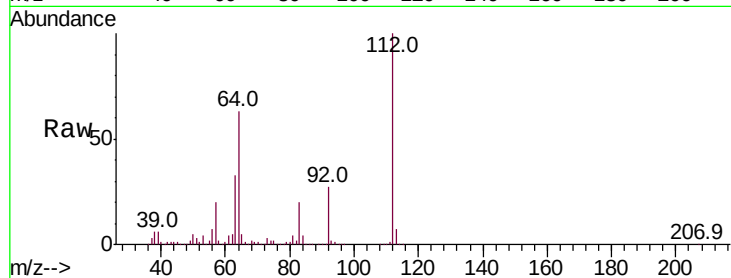
Tot Ion:112 Resp: 2621671

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

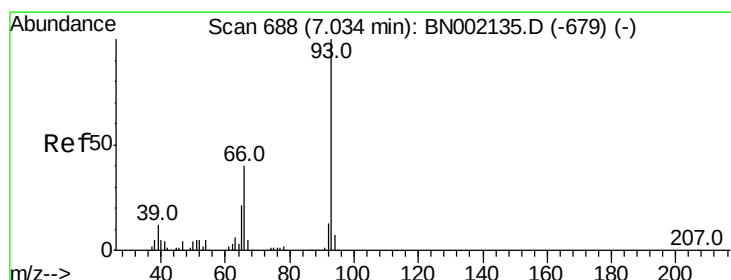
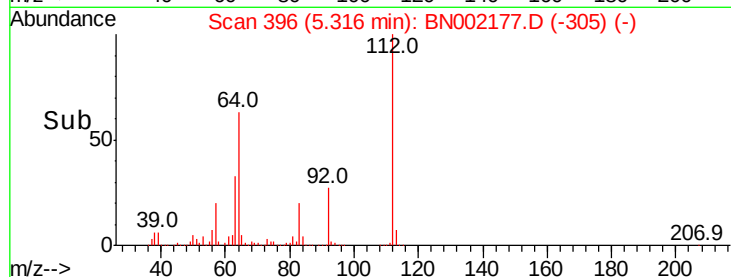
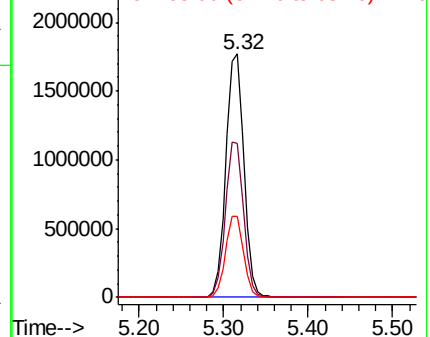
63 33.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 30.589 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

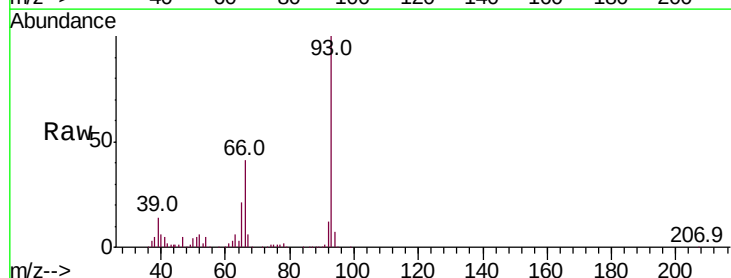
Tgt Ion: 93 Resp: 914713

Ion Ratio Lower Upper

93 100

66 41.0 33.7 50.5

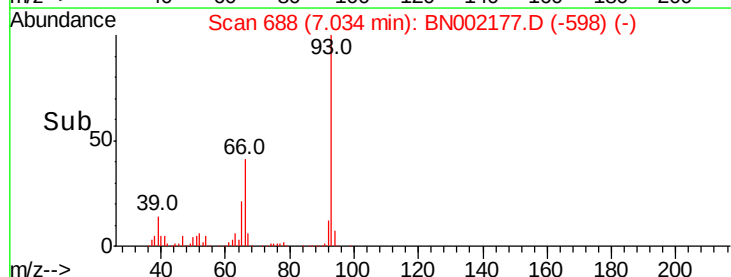
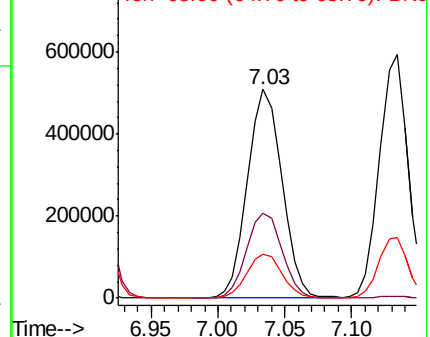
65 21.1 16.1 24.1

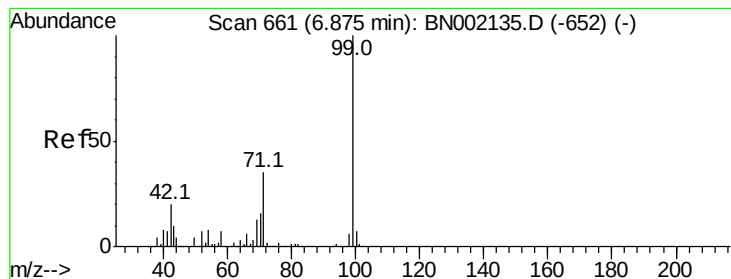


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 139.943 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

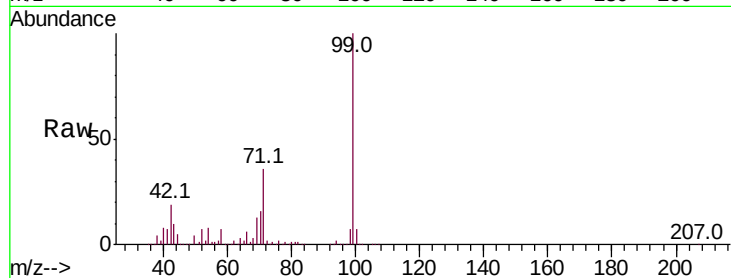
Tot Ion: 99 Resp: 3425750

Ion Ratio Lower Upper

99 100

42 19.1 14.1 21.1

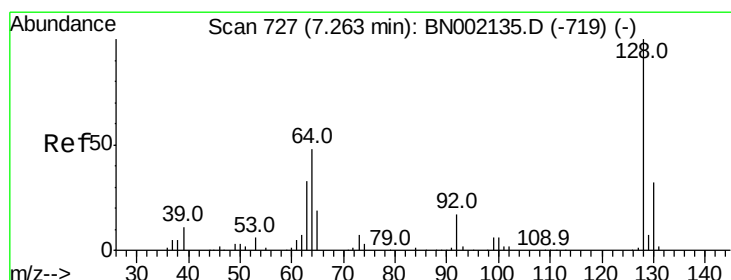
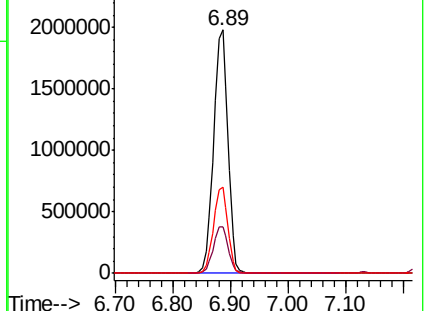
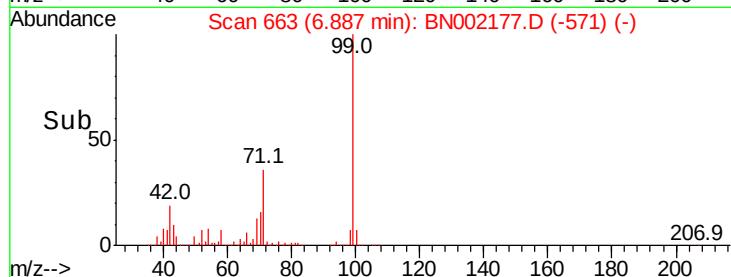
71 35.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN002135.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BN002135.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BN002135.D (-652) (-)



#8

2-Chlorophenol

Concen: 46.469 ng

RT: 7.27 min Scan# 728

Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

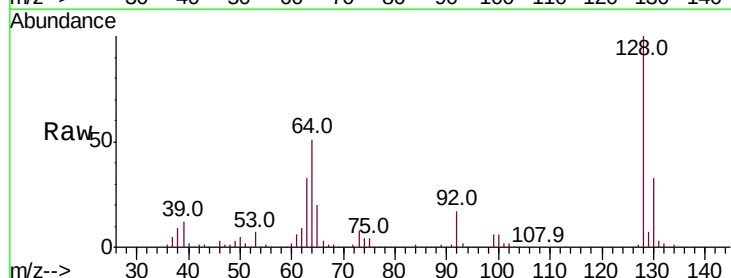
Tgt Ion: 128 Resp: 940096

Ion Ratio Lower Upper

128 100

130 33.0 14.0 54.0

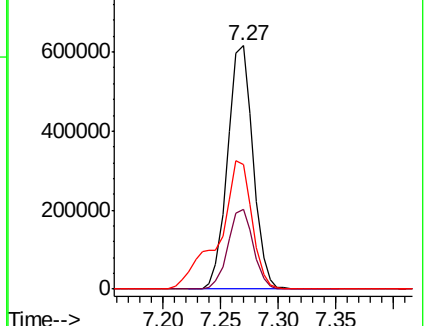
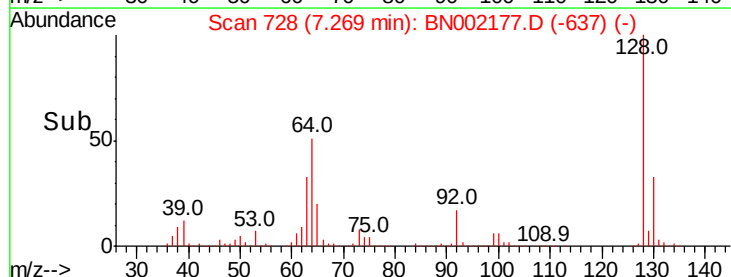
64 51.4 37.7 77.7

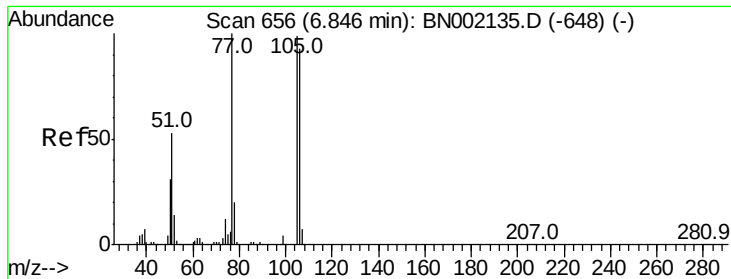


Abundance Ion 128.00 (127.70 to 128.70): BN002135.D (-719) (-)

Ion 130.00 (129.70 to 130.70): BN002135.D (-719) (-)

Ion 64.00 (63.70 to 64.70): BN002135.D (-719) (-)





#9

Benzaldehyde

Concen: 39.244 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

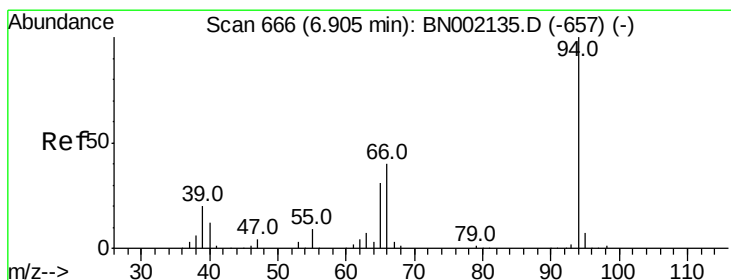
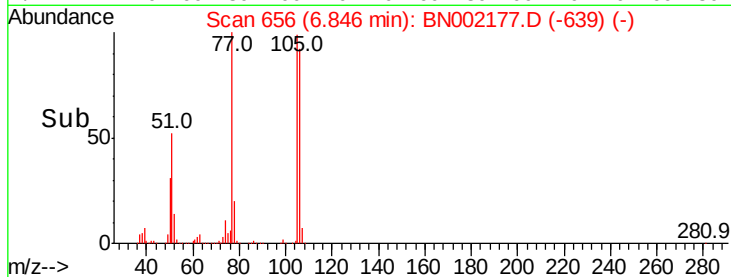
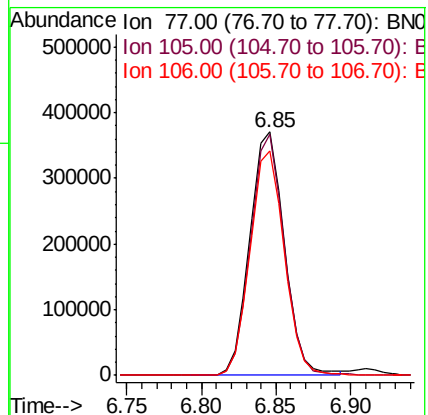
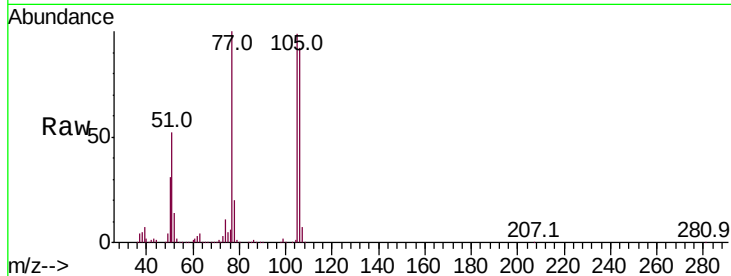
Tot Ion: 77 Resp: 591652

Ion Ratio Lower Upper

77 100

105 99.2 71.3 111.3

106 91.9 64.2 104.2



#10

Phenol

Concen: 46.541 ng

RT: 6.91 min Scan# 667

Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

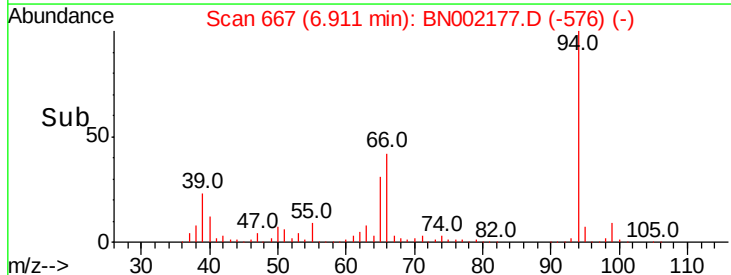
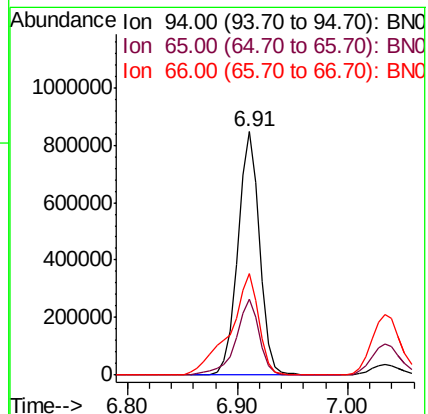
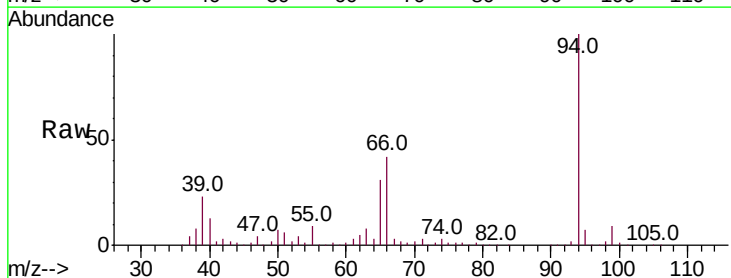
Tgt Ion: 94 Resp: 1167831

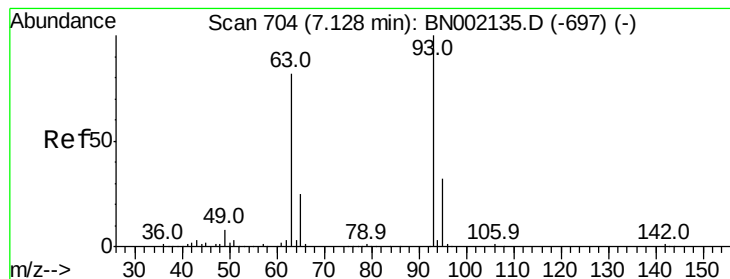
Ion Ratio Lower Upper

94 100

65 31.0 11.9 51.9

66 41.6 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.122 ng

RT: 7.13 min Scan# 705

Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

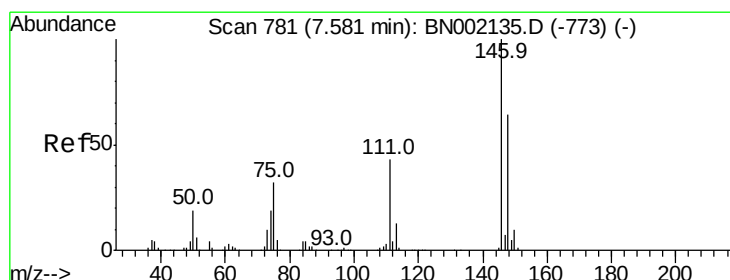
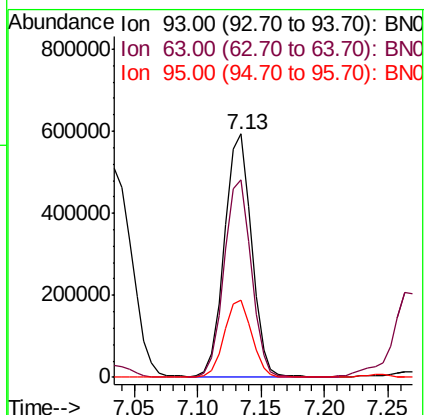
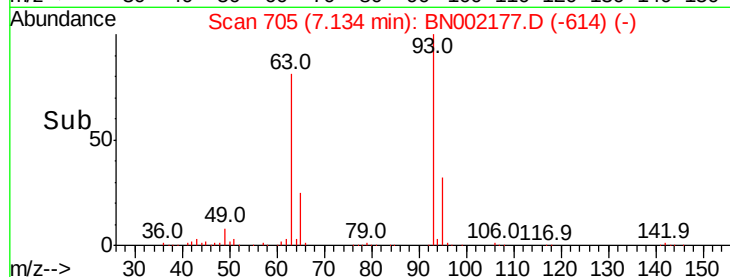
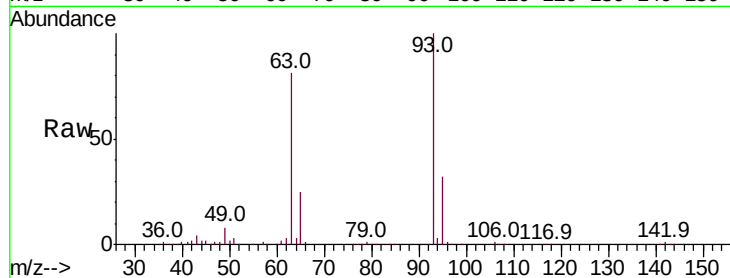
Tot Ion: 93 Resp: 880710

Ion Ratio Lower Upper

93 100

63 81.0 67.1 107.1

95 31.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 42.894 ng

RT: 7.58 min Scan# 781

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

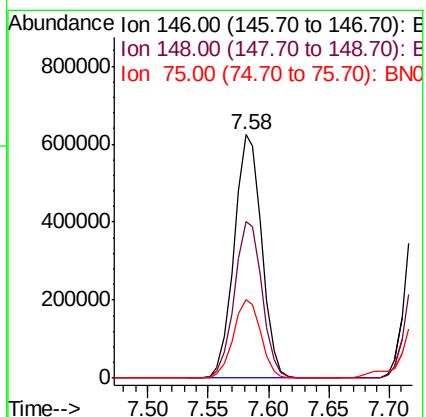
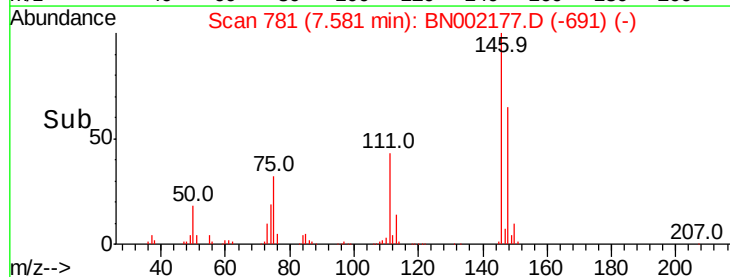
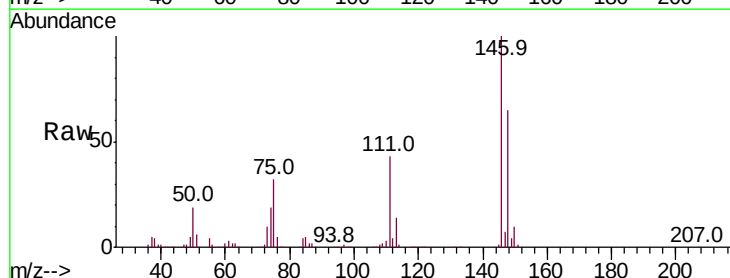
Tgt Ion: 146 Resp: 988937

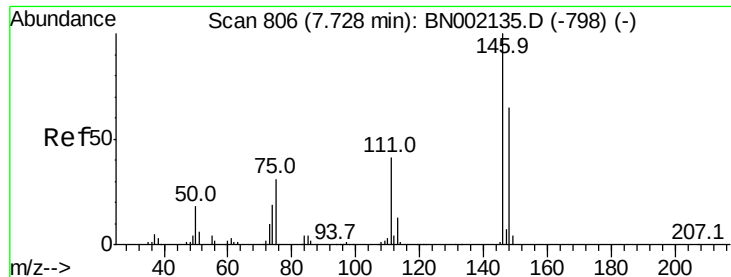
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

75 32.2 26.6 39.8

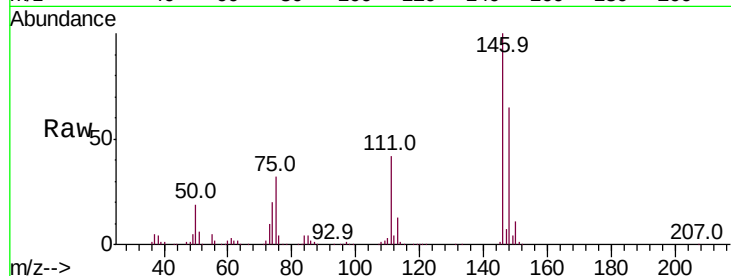




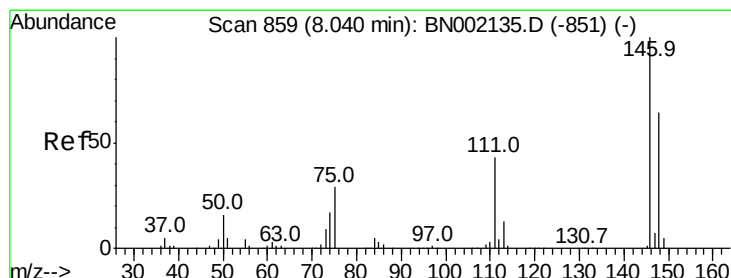
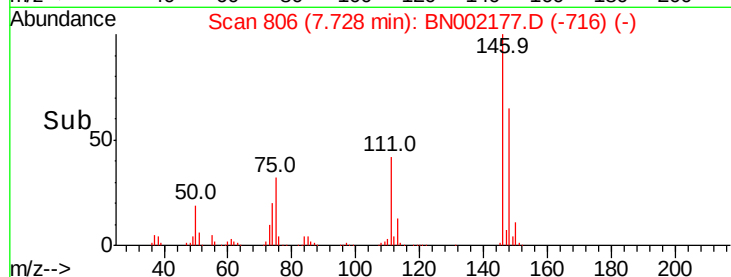
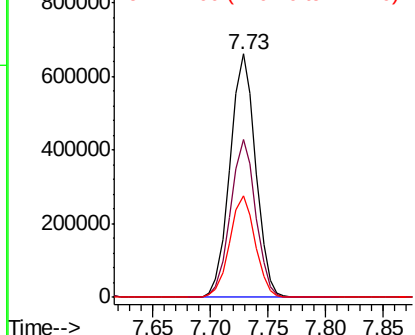
#13
 1,4-Dichlorobenzene
 Concen: 43.010 ng
 RT: 7.73 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 1014452
 Ion Ratio Lower Upper
 146 100
 148 64.7 53.7 80.5
 111 42.0 35.2 52.8

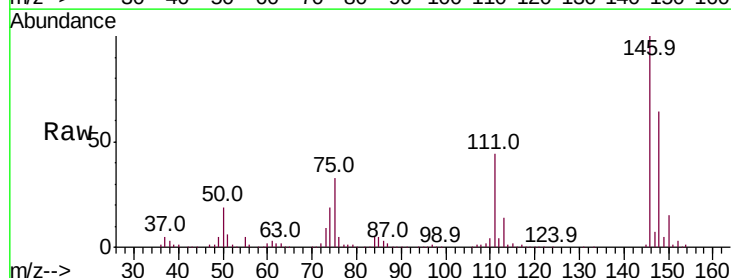


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

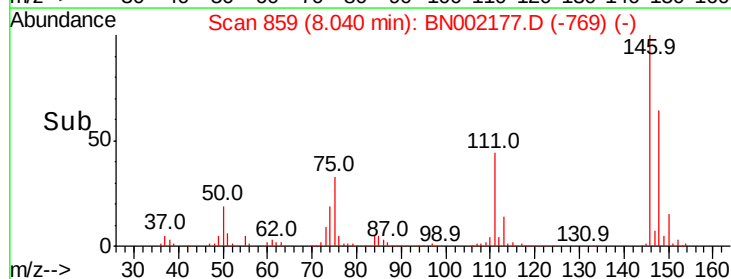
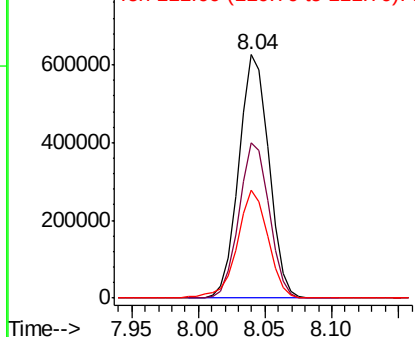


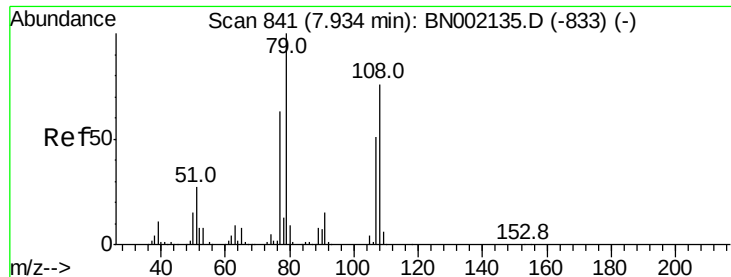
#14
 1,2-Dichlorobenzene
 Concen: 42.730 ng
 RT: 8.04 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:146 Resp: 972263
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.3 73.9
 111 44.3 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 42.852 ng

RT: 7.93 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

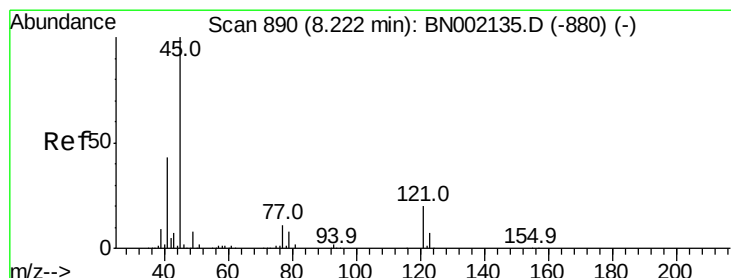
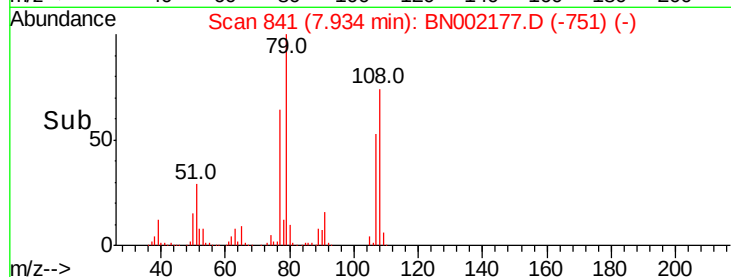
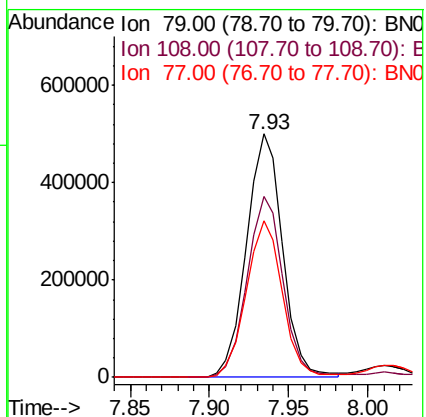
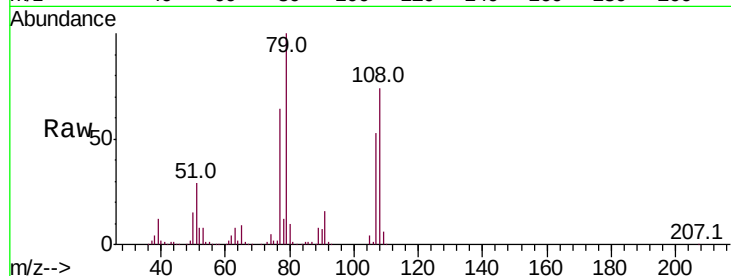
Tot Ion: 79 Resp: 791571

Ion Ratio Lower Upper

79 100

108 74.4 57.2 85.8

77 64.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.606 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

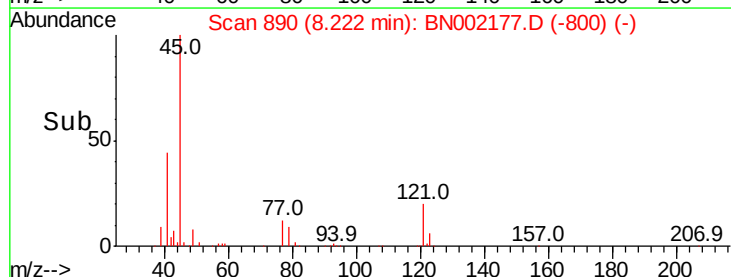
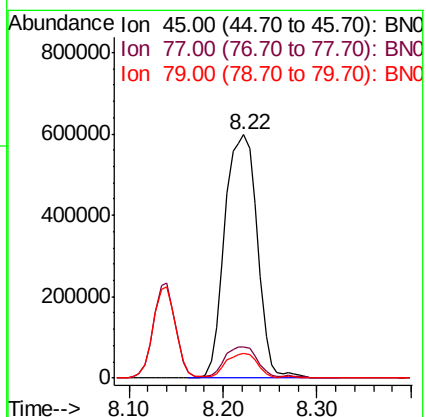
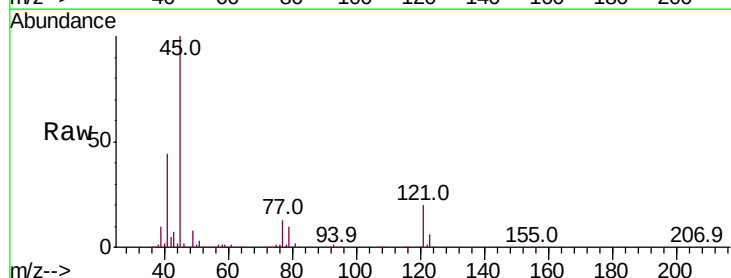
Tgt Ion: 45 Resp: 1438124

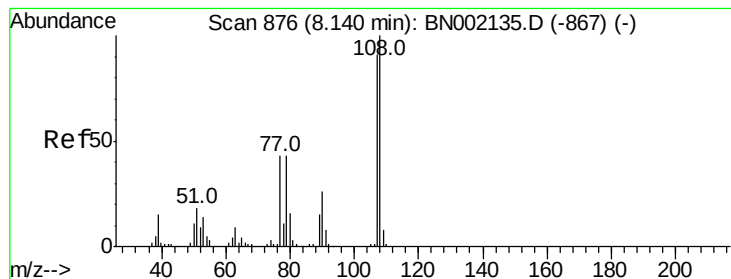
Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.2

79 10.1 0.0 27.9

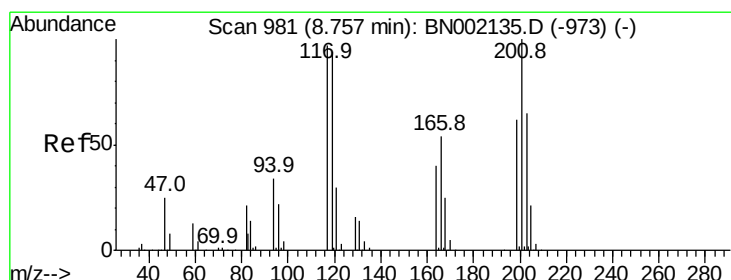
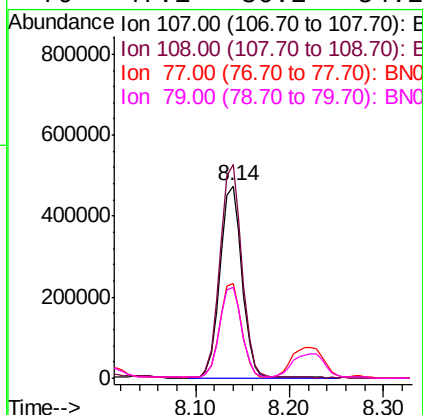
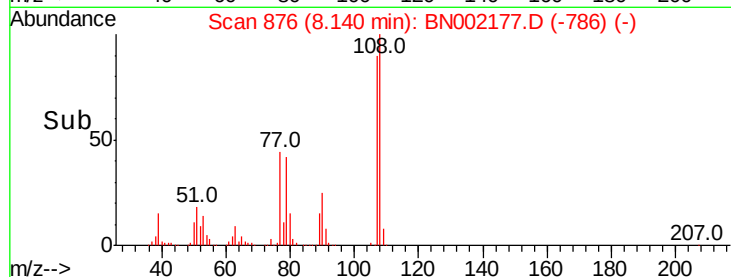
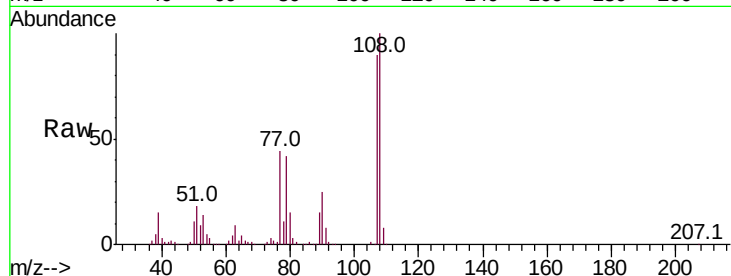




#17
2-Methylphenol
Concen: 45.161 ng
RT: 8.14 min Scan# 876
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

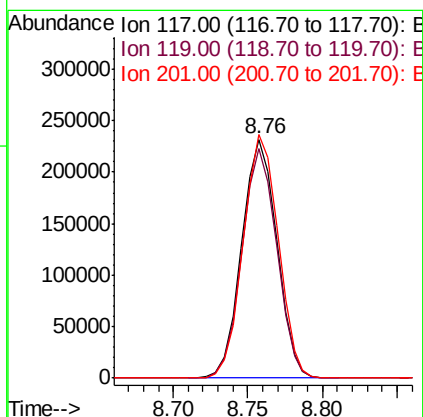
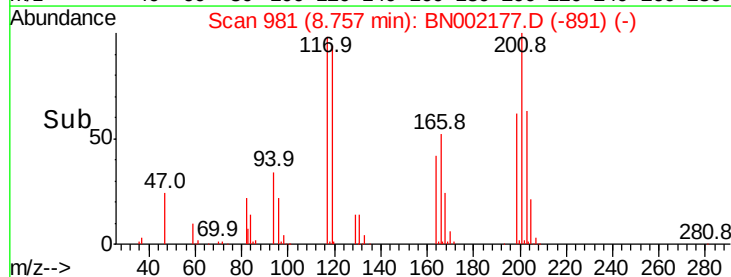
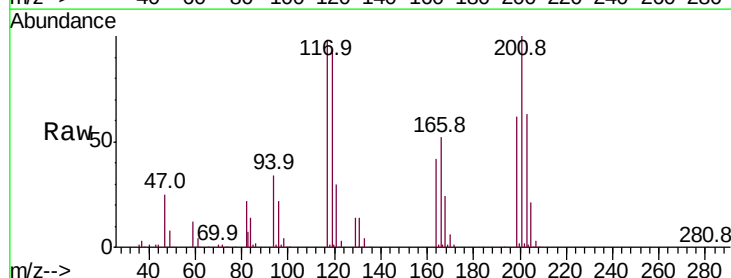
Instrument :
BNA_N
ClientSampleId :

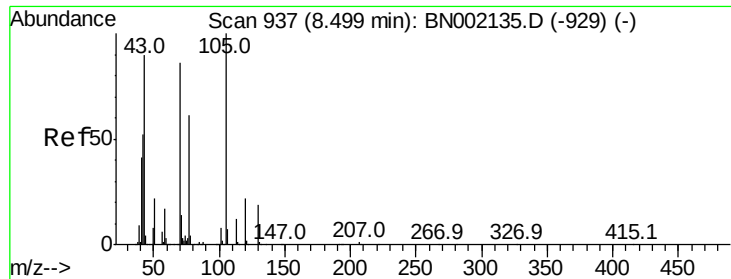
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	83.9	125.9
77	49.3	37.2	55.8
79	47.1	36.2	54.2



#18
Hexachloroethane
Concen: 43.737 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.7	115.1
201	101.8	95.7	143.5

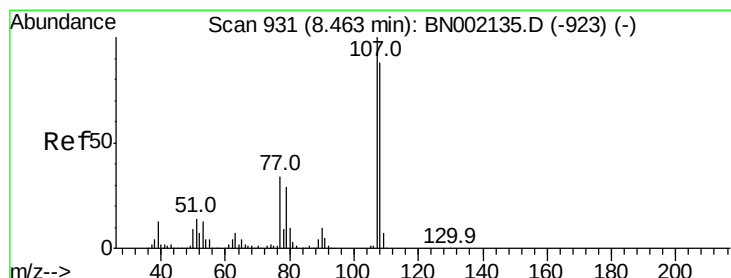
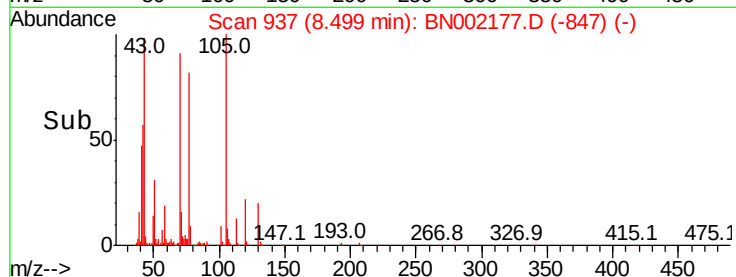
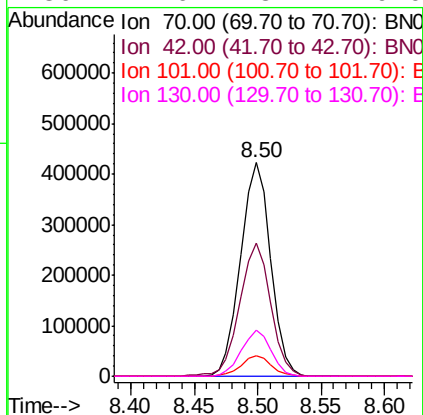
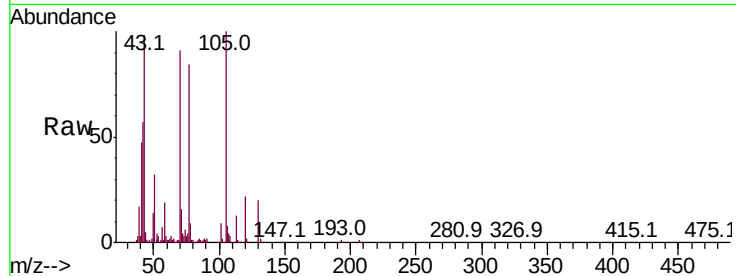




#19
n-Nitroso-di-n-propylamine
Concen: 39.287 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

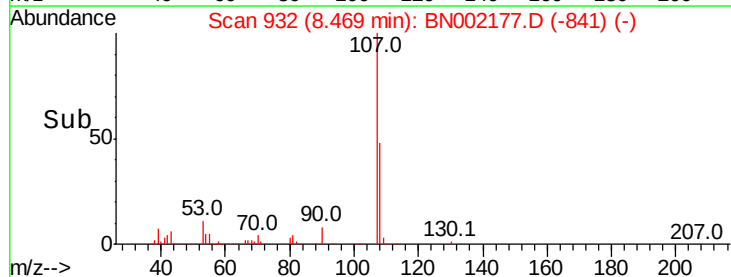
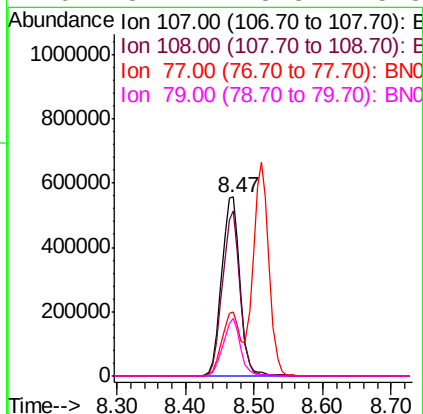
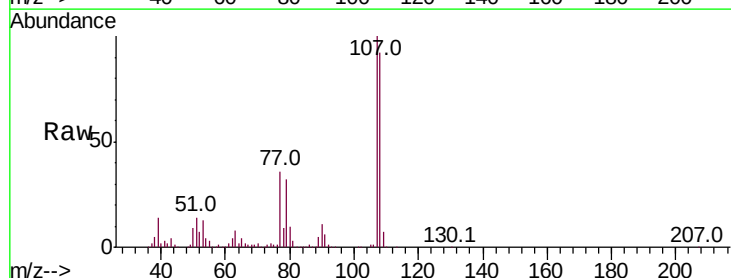
Instrument :
BNA_N
ClientSampleId :

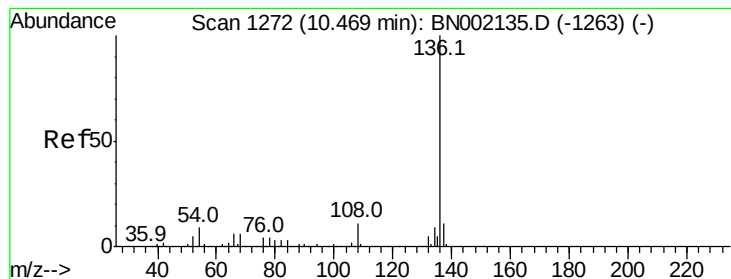
Tot Ion: 70 Resp: 697592
Ion Ratio Lower Upper
70 100
42 62.3 49.1 73.7
101 9.6 8.5 12.7
130 21.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.051 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:107 Resp: 1028973
Ion Ratio Lower Upper
107 100
108 92.1 61.6 101.6
77 35.6 13.9 53.9
79 32.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

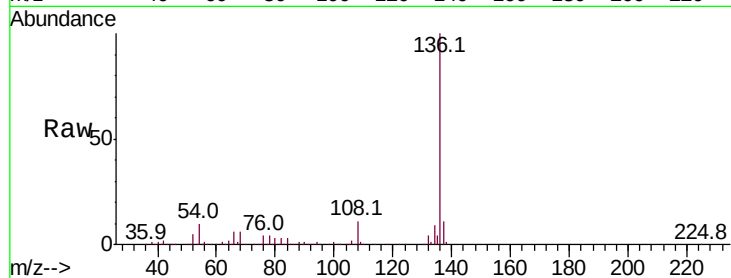
BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1044484

Ion Ratio Lower Upper

136	100		
137	10.9	9.2	13.8
54	9.8	10.3	15.5#
68	6.0	4.5	6.7

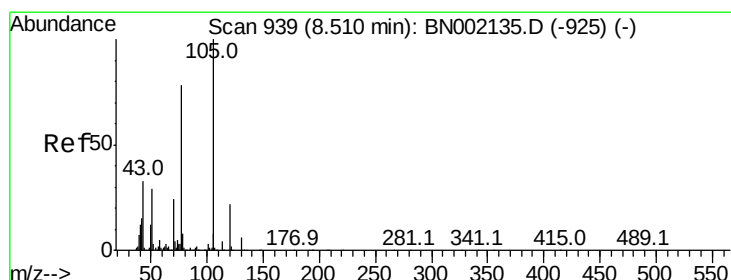
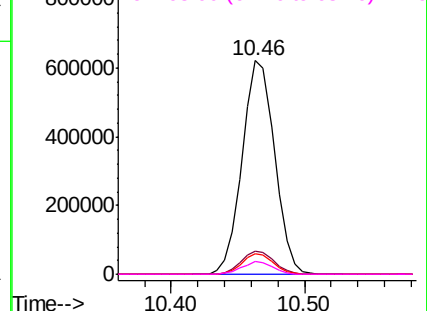
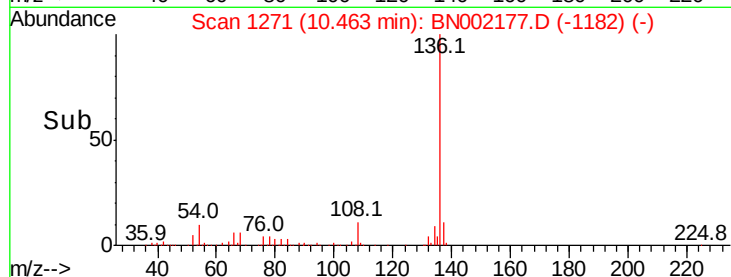


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 49.751 ng

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

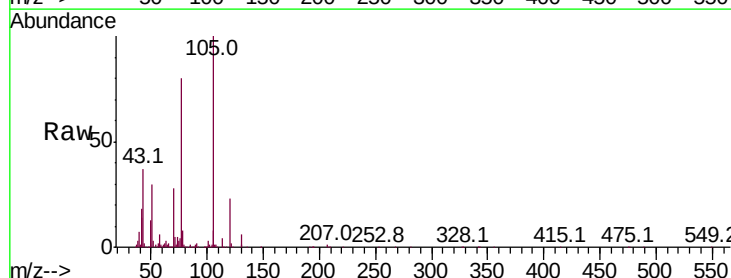
Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:105 Resp: 1347317

Ion Ratio Lower Upper

105	100		
71	4.6	3.0	4.4#
51	30.3	26.1	39.1
120	23.0	17.4	26.2

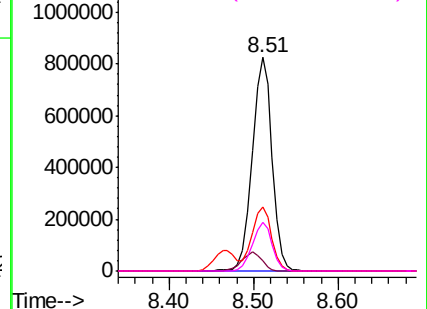
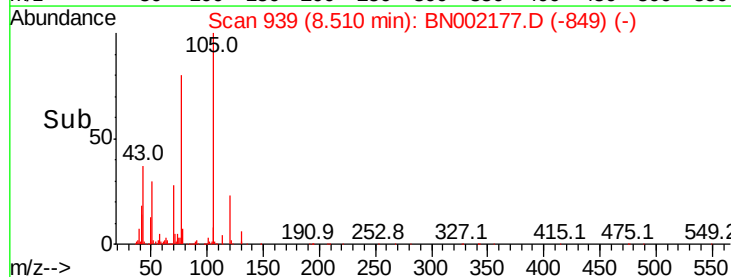


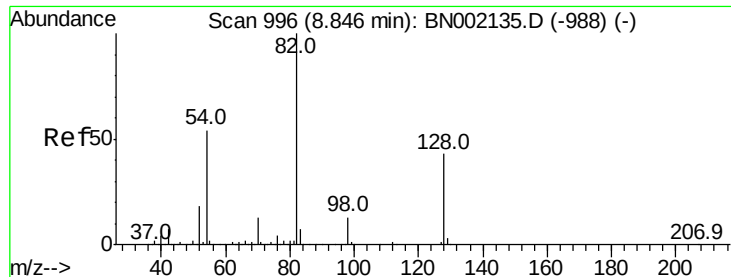
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



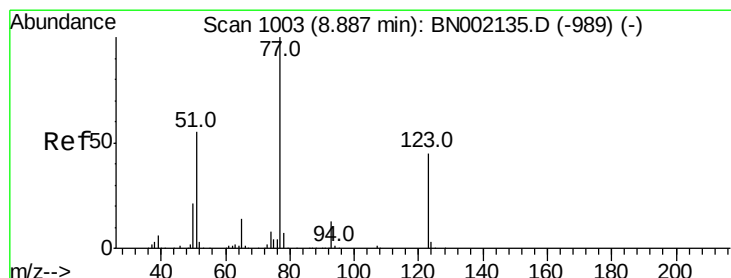
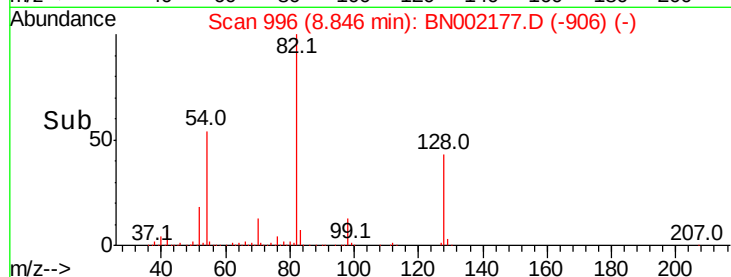
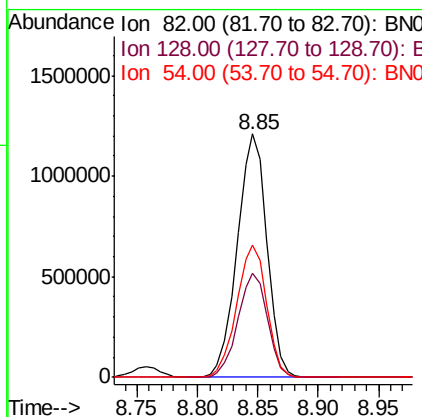
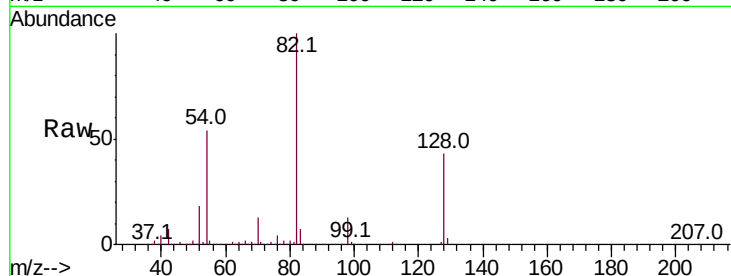


#23
 Nitrobenzene-d5
 Concen: 101.610 ng
 RT: 8.85 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 2069481

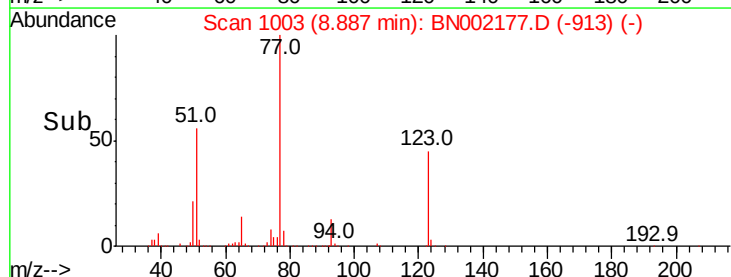
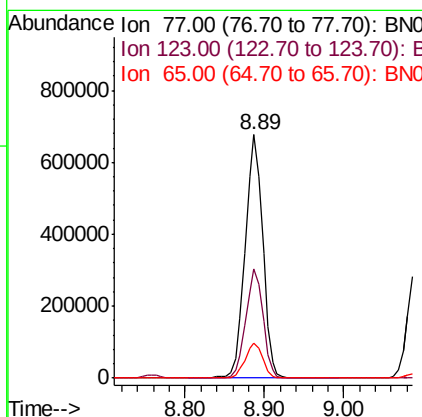
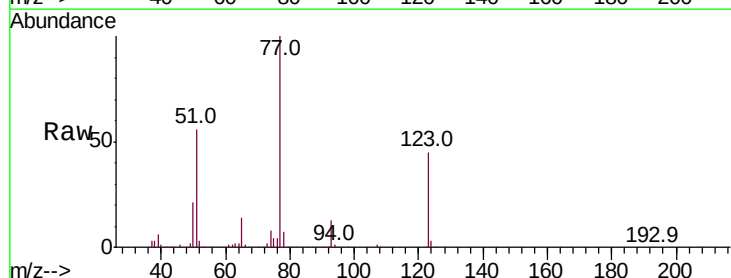
Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	54.4	43.1	64.7

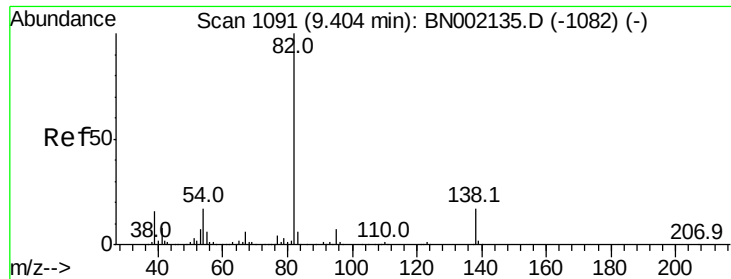


#24
 Nitrobenzene
 Concen: 49.387 ng
 RT: 8.89 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion: 77 Resp: 1042438

Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.0	49.6
65	14.3	13.0	19.6

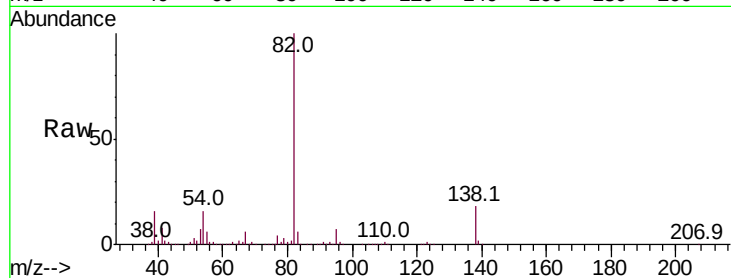




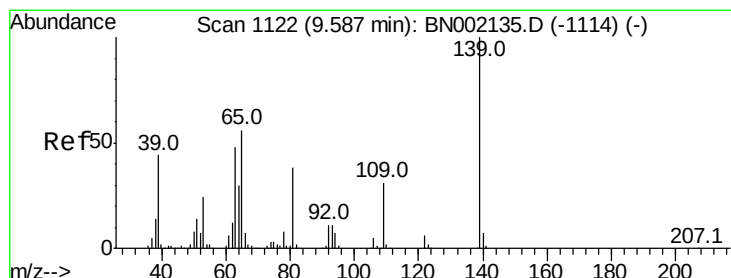
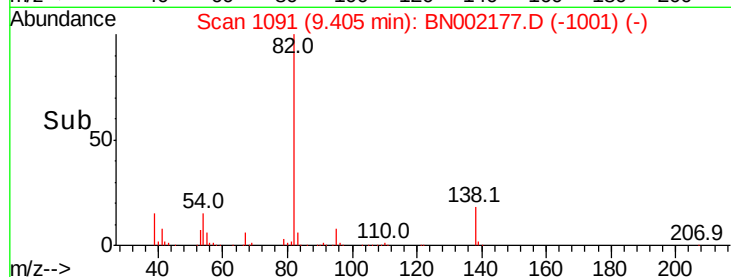
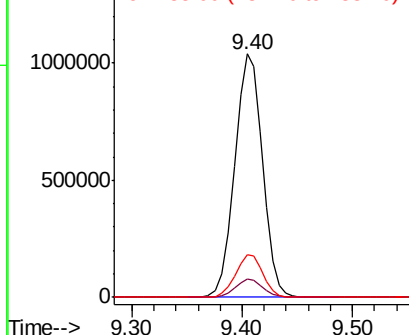
#25
Isophorone
Concen: 52.419 ng
RT: 9.40 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampled :

Tot Ion: 82 Resp: 1833134
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 17.7 12.1 18.1

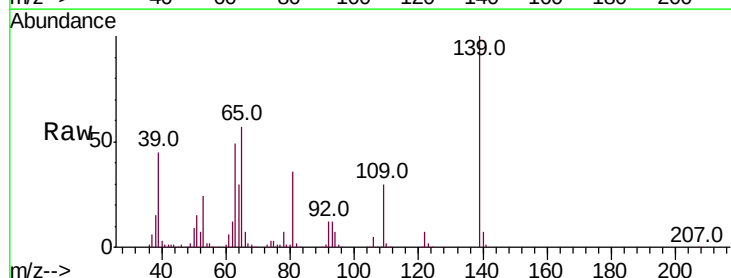


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 95.00 (94.70 to 95.70): BN0
Ion 138.00 (137.70 to 138.70): BN0

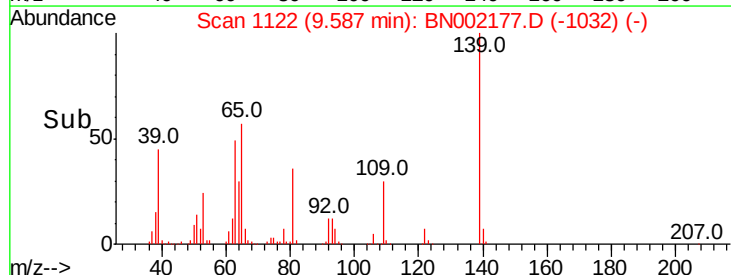
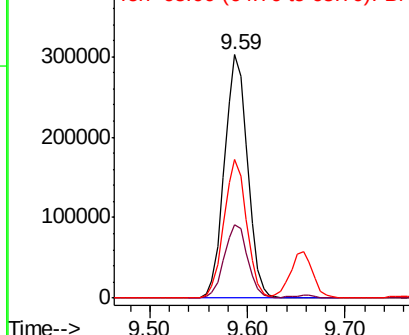


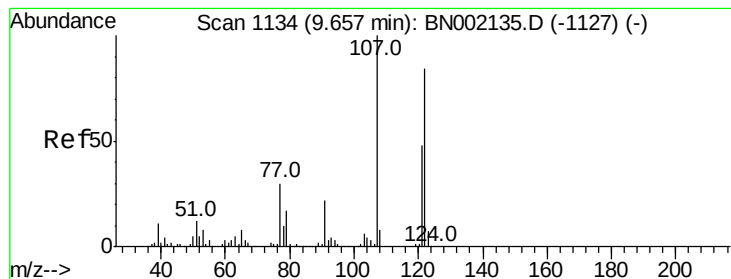
#26
2-Nitrophenol
Concen: 48.636 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:139 Resp: 495907
Ion Ratio Lower Upper
139 100
109 30.2 24.2 36.2
65 56.8 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BN0
Ion 109.00 (108.70 to 109.70): BN0
Ion 65.00 (64.70 to 65.70): BN0





#27

2,4-Dimethylphenol

Concen: 56.897 ng

RT: 9.66 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

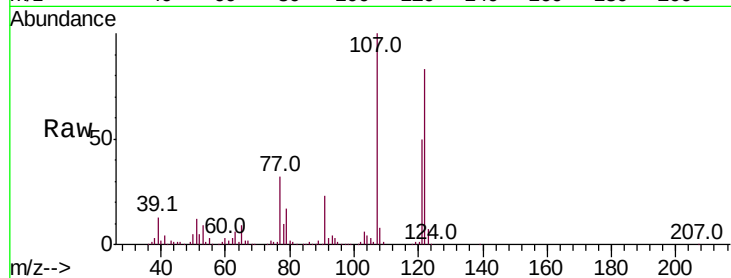
Tot Ion:122 Resp: 806837

Ion Ratio Lower Upper

122 100

107 121.1 100.2 150.2

121 61.0 44.4 66.6

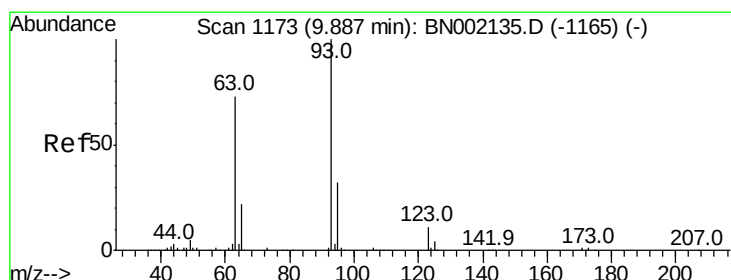
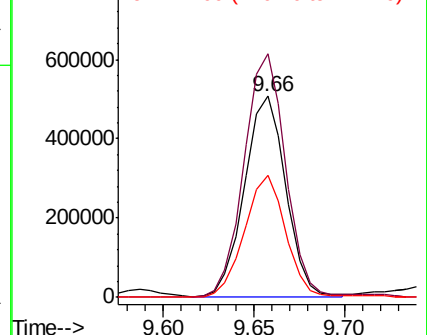
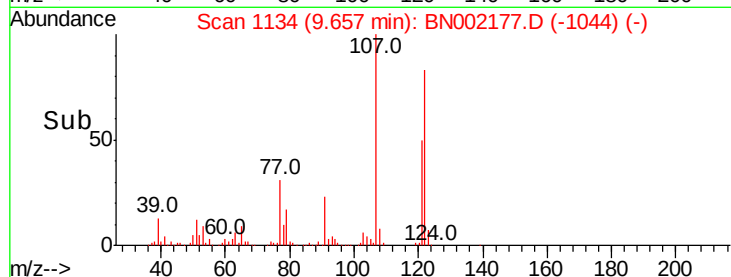


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.839 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

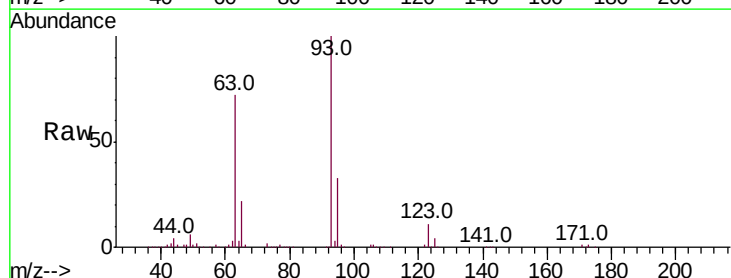
Tgt Ion: 93 Resp: 1125853

Ion Ratio Lower Upper

93 100

95 32.9 24.3 36.5

123 11.2 8.4 12.6

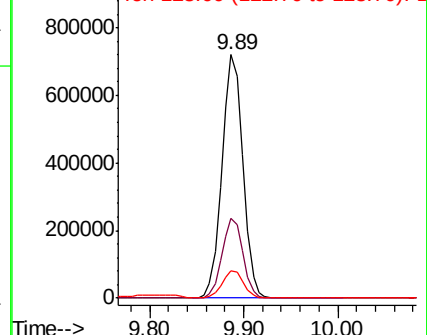
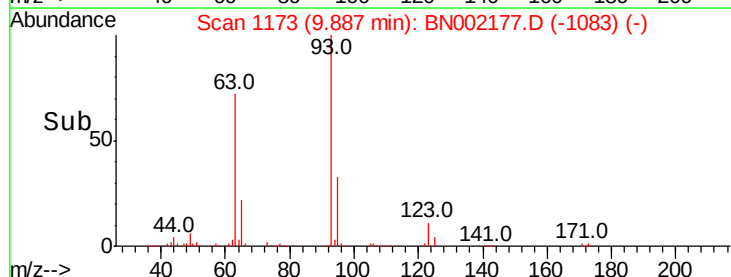


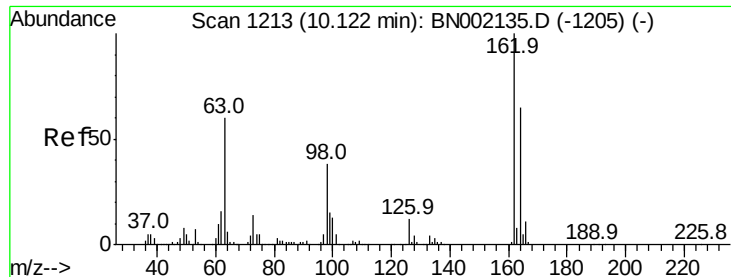
Abundance

Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.000 ng

RT: 10.12 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

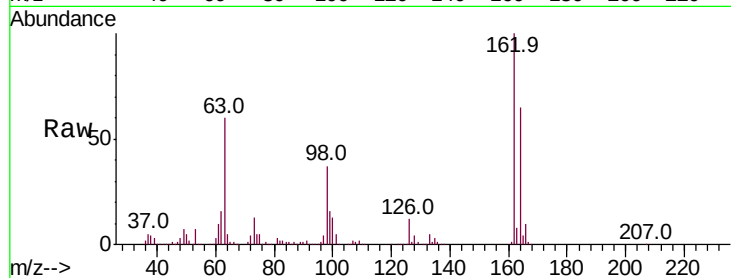
Tot Ion:162 Resp: 826792

Ion Ratio Lower Upper

162 100

164 64.5 48.0 88.0

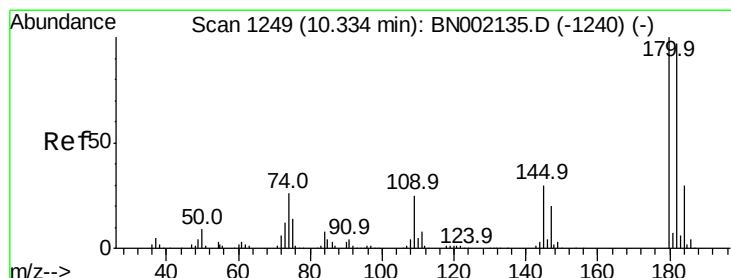
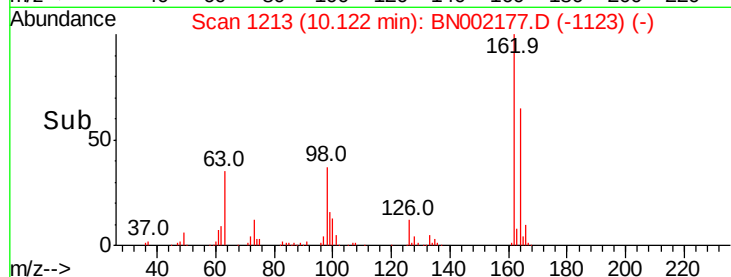
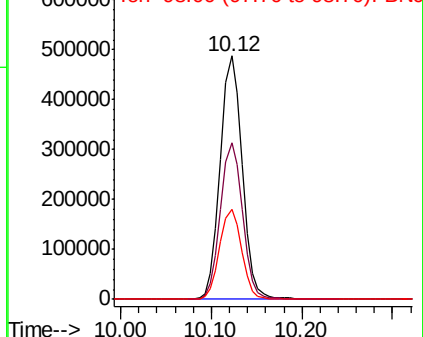
98 36.9 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 48.133 ng

RT: 10.33 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

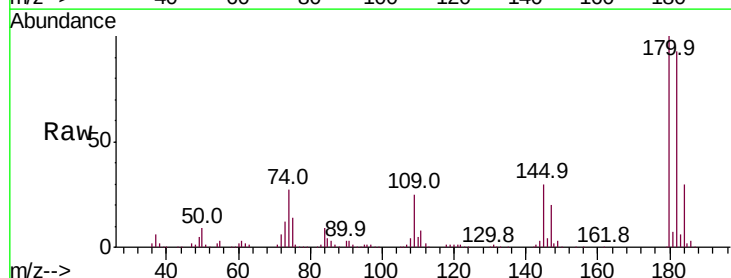
Tgt Ion:180 Resp: 901390

Ion Ratio Lower Upper

180 100

182 92.8 77.5 116.3

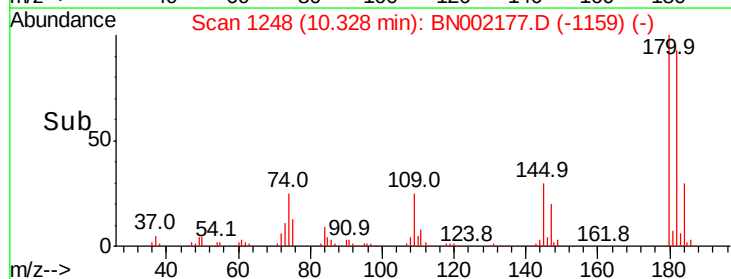
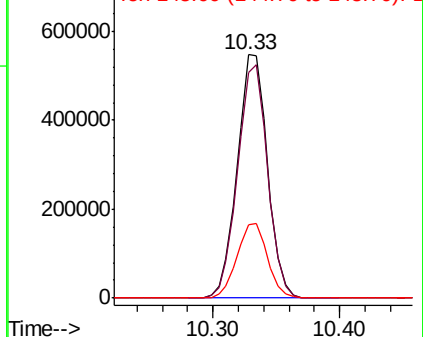
145 30.4 23.4 35.2

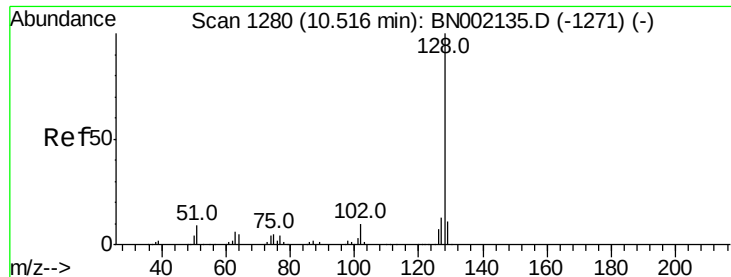


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

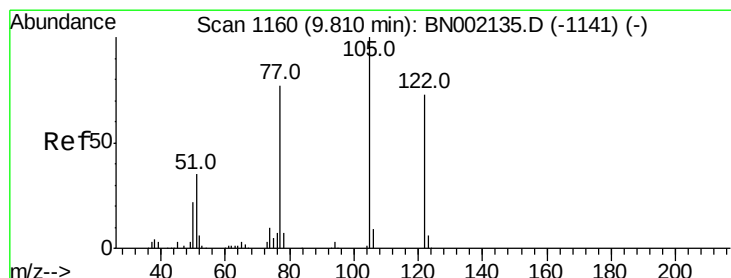
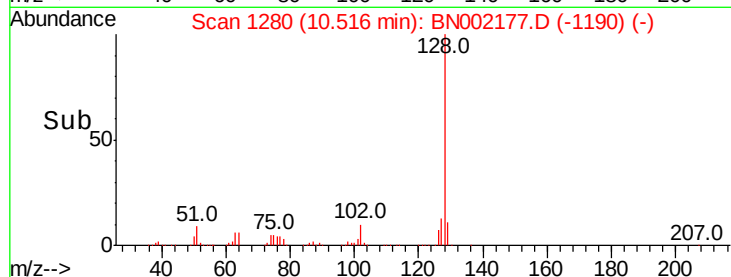
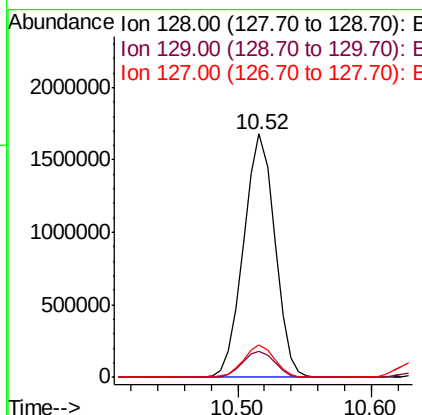
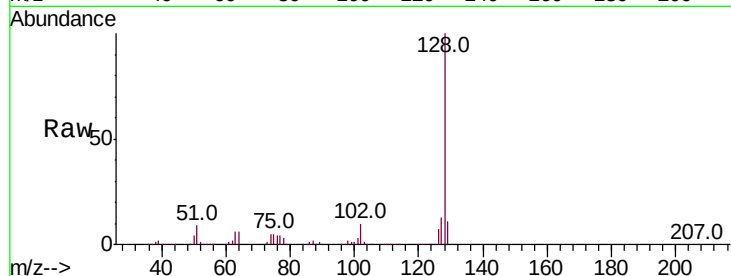




#31
Naphthalene
Concen: 51.527 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

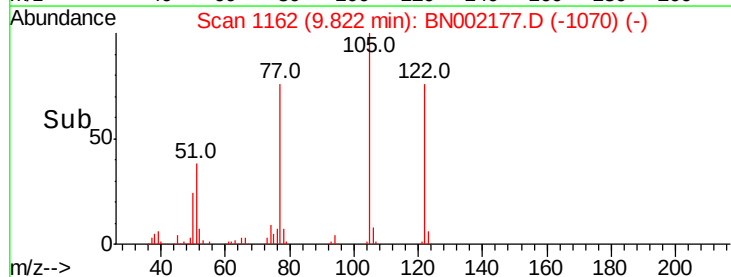
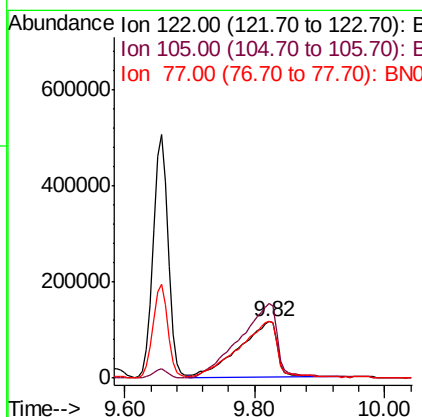
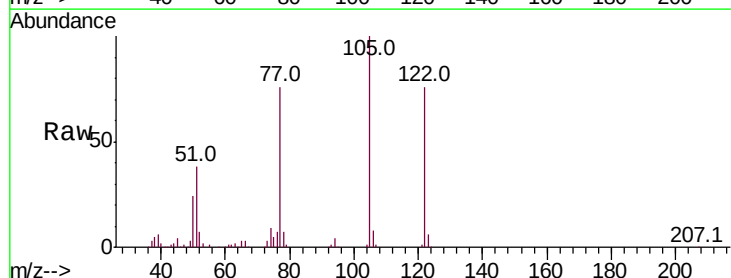
Instrument :
BNA_N
ClientSampleId :

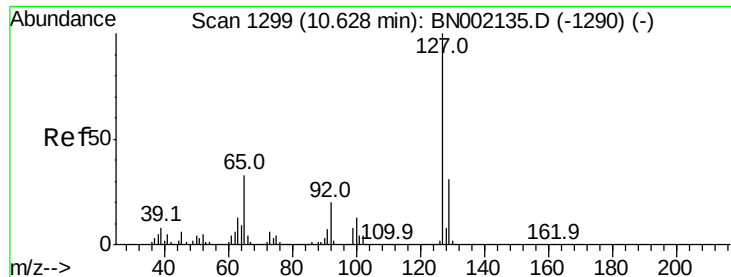
Tot Ion:128 Resp: 2716171
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 40.072 ng
RT: 9.82 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:122 Resp: 482131
Ion Ratio Lower Upper
122 100
105 131.3 123.5 163.5
77 99.5 85.7 125.7

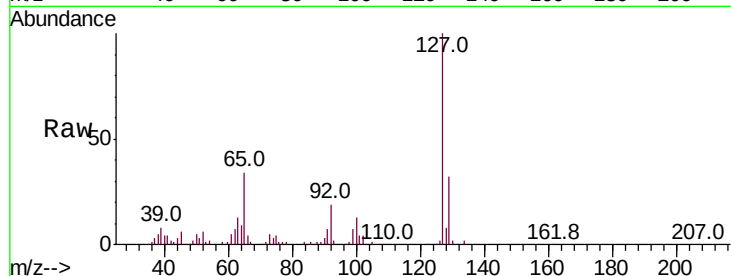




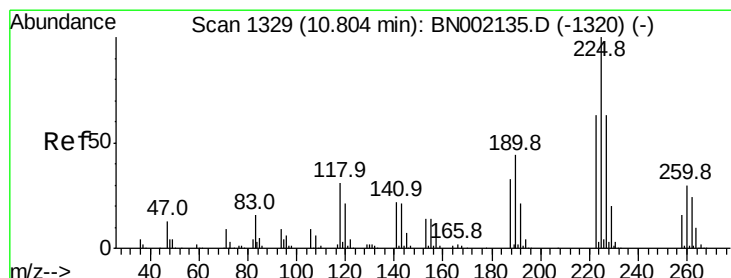
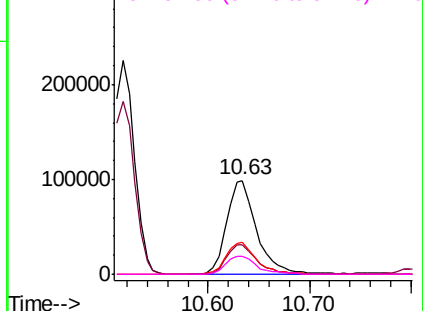
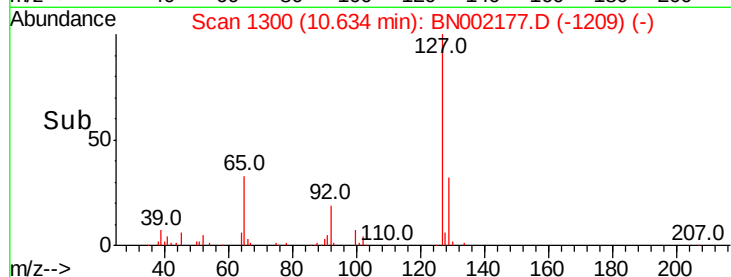
#33
4-Chloroaniline
Concen: 8.608 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	201889
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	33.6	27.0	40.4
92	18.6	16.6	25.0

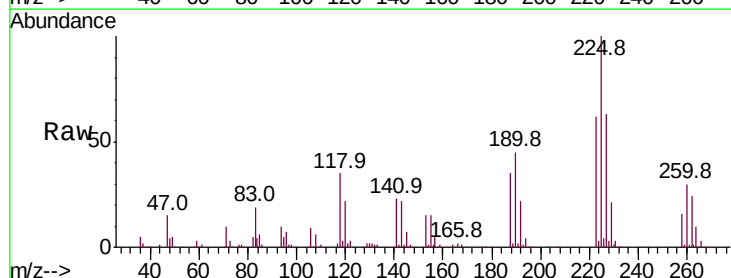


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

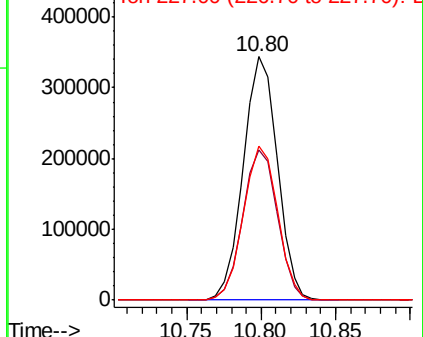
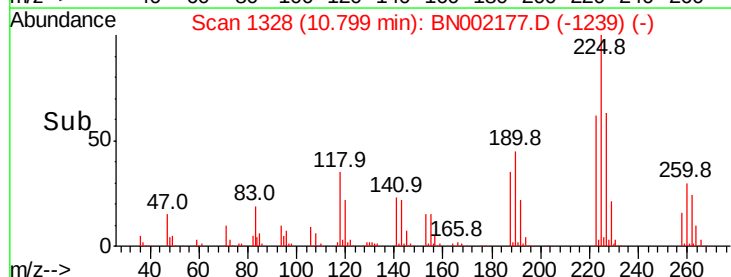


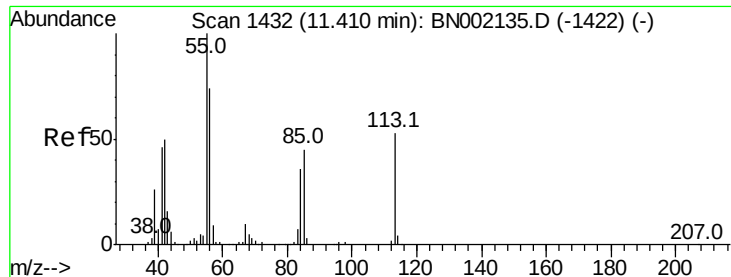
#34
Hexachlorobutadiene
Concen: 47.542 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:	225	Resp:	545212
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	63.4	48.1	72.1



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: 24.603 ng

RT: 11.41 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

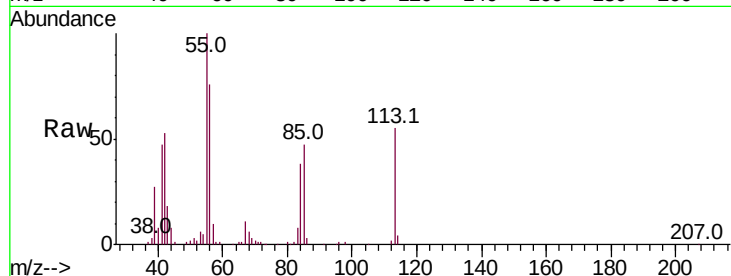
Tot Ion:113 Resp: 138839

Ion Ratio Lower Upper

113 100

55 181.3 120.0 160.0#

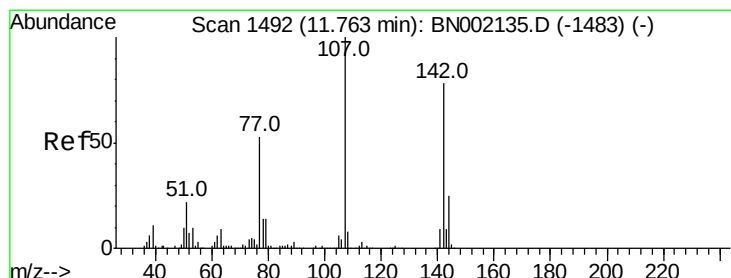
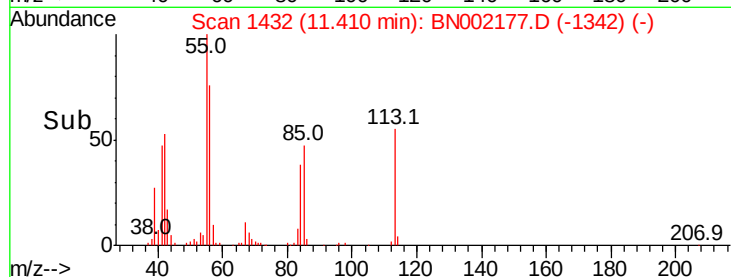
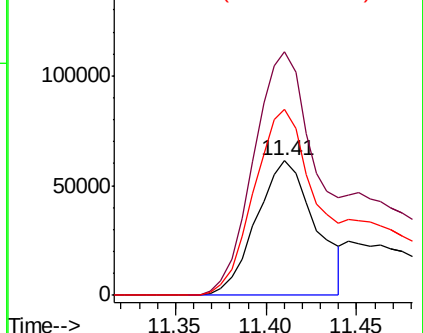
56 138.2 90.0 130.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 44.766 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

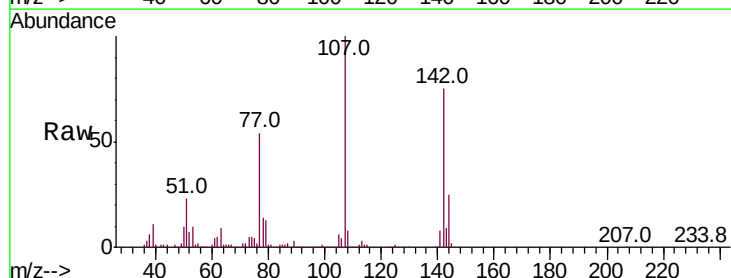
Tgt Ion:107 Resp: 841732

Ion Ratio Lower Upper

107 100

144 24.7 18.2 27.4

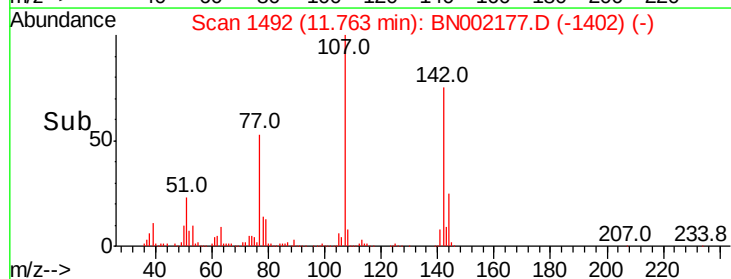
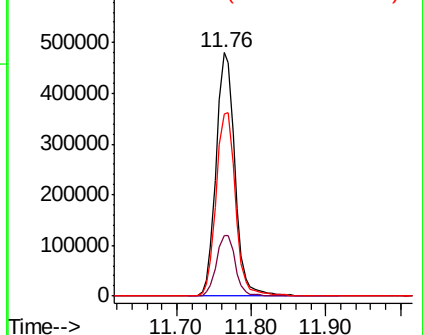
142 75.0 59.0 88.4

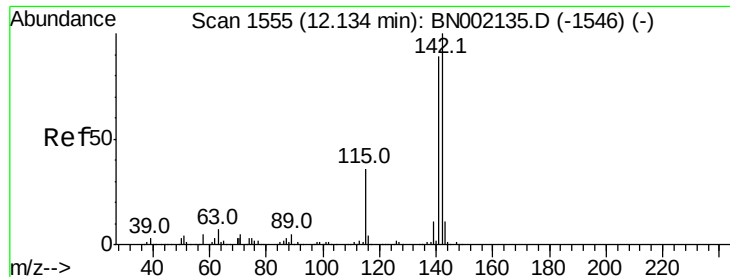


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

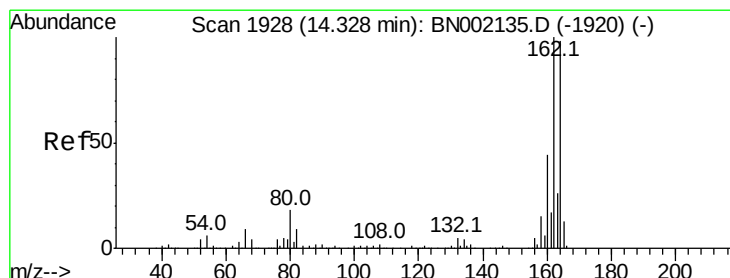
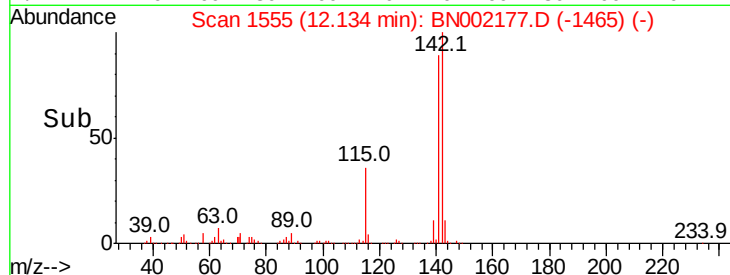
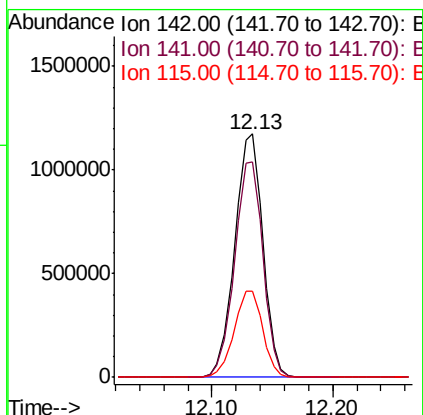
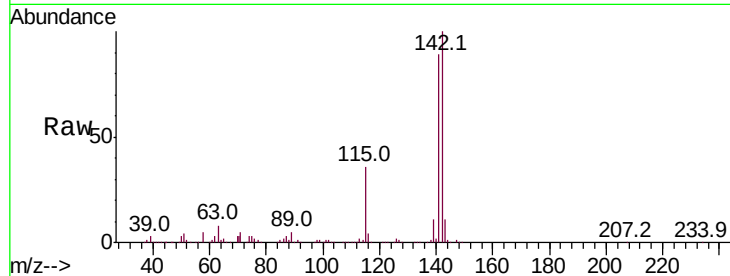




#37
2-Methylnaphthalene
Concen: 51.346 ng
RT: 12.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

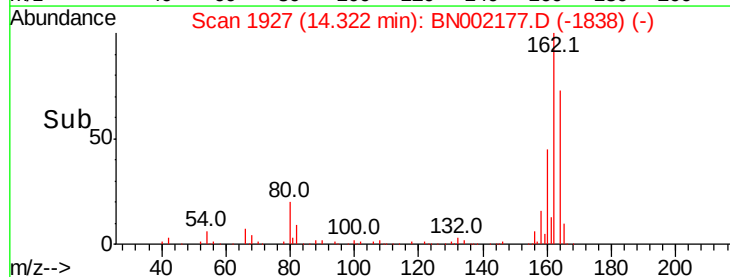
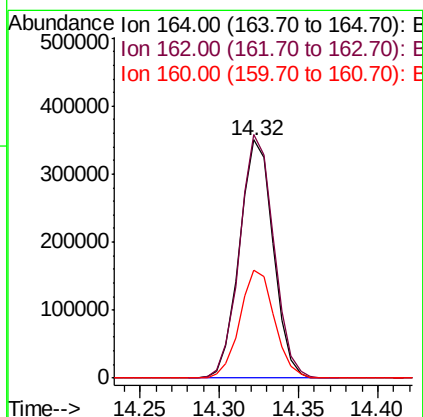
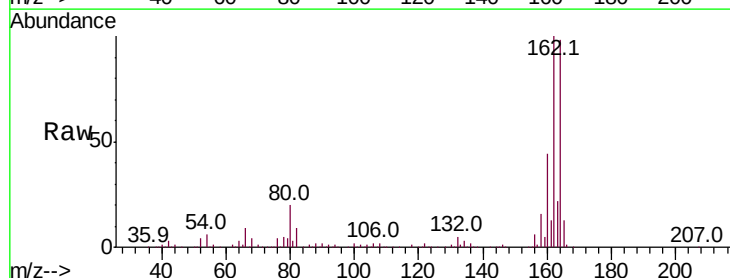
Instrument :
BNA_N
ClientSampleId :

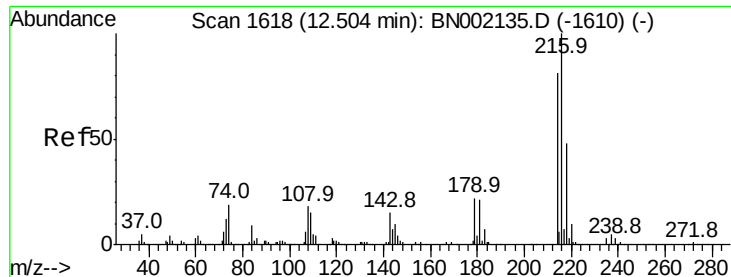
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.1	100.7
115	35.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	45.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.208 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

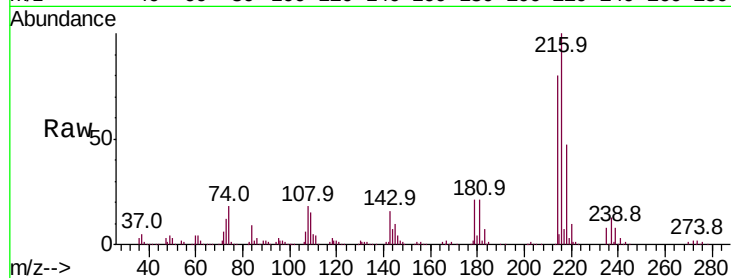
BNA_N

ClientSampleId :

Tot Ion:216 Resp: 924536

Ion Ratio Lower Upper

216	100		
214	79.0	63.0	94.4
179	21.9	17.0	25.6
108	22.1	12.8	19.2#

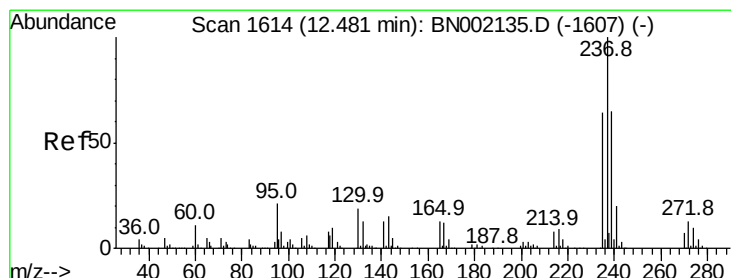
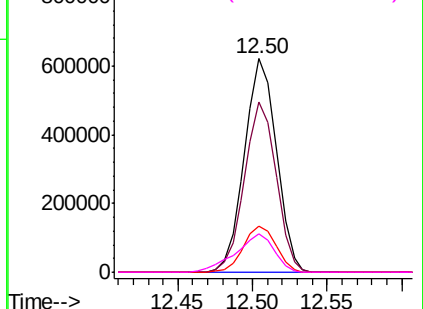
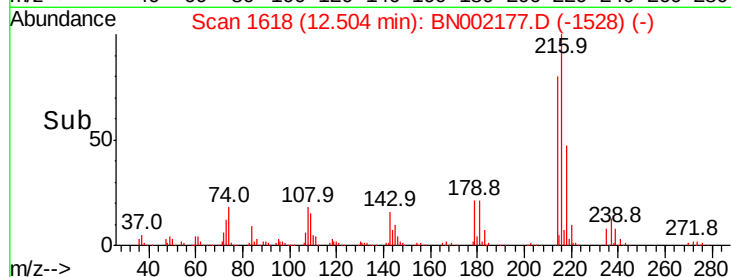


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 134.761 ng

RT: 12.48 min Scan# 1614

Delta R.T. 0.00 min

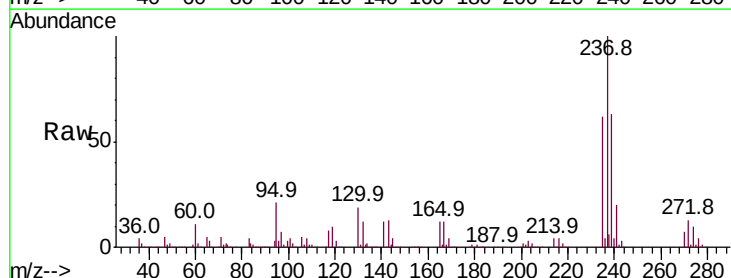
Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:237 Resp: 1322501

Ion Ratio Lower Upper

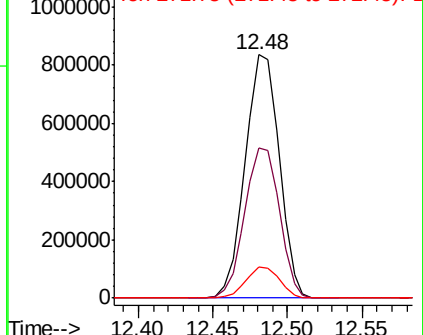
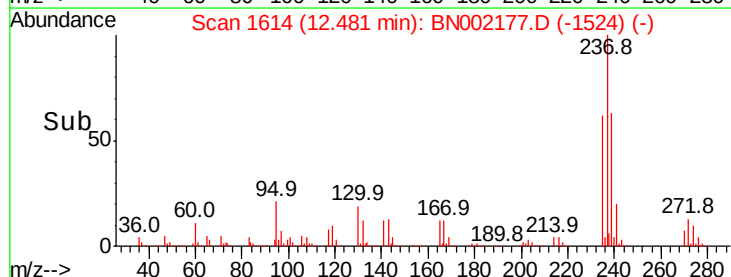
237	100		
235	61.9	50.4	90.4
272	12.5	0.0	31.8

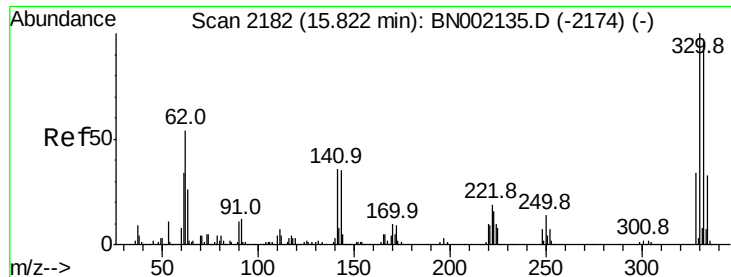


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

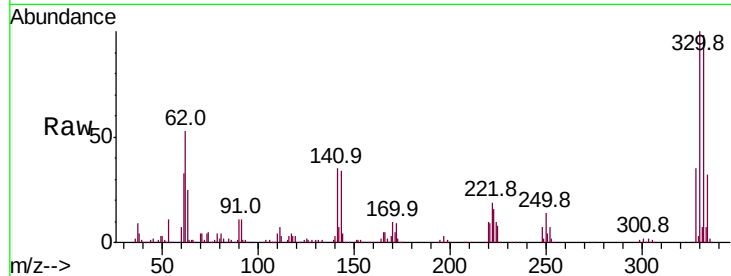




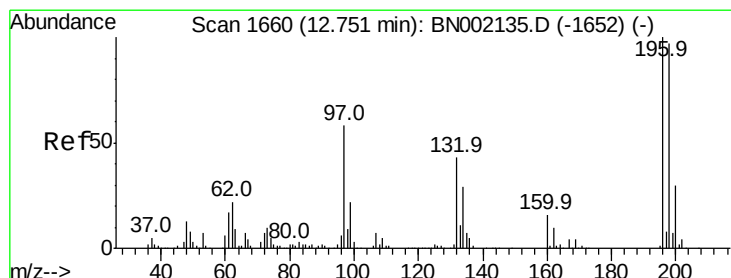
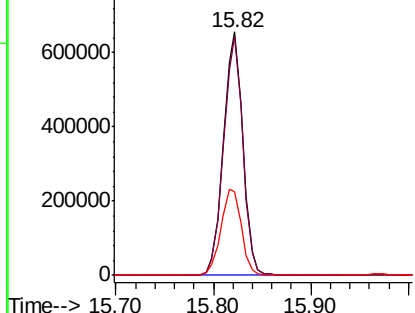
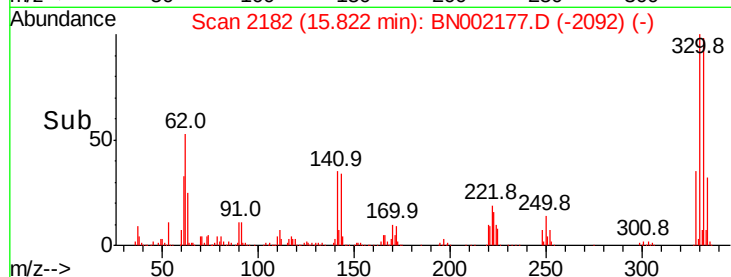
#41
 2,4,6-Tribromophenol
 Concen: 134.791 ng
 RT: 15.82 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	37.4	25.2	37.8

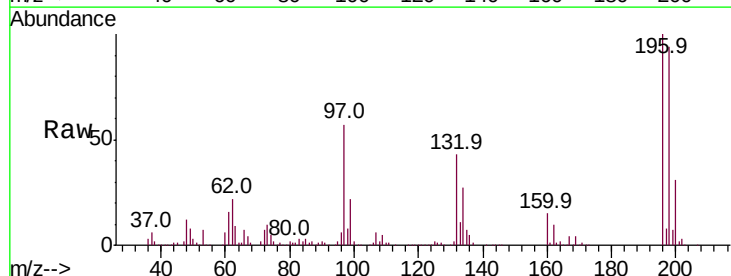


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

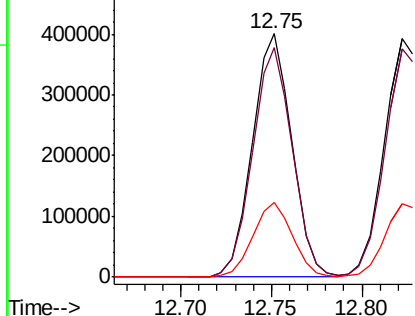
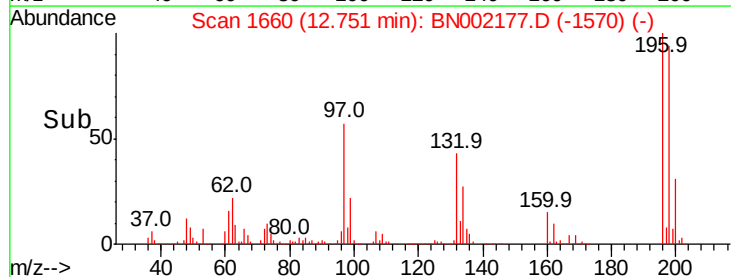


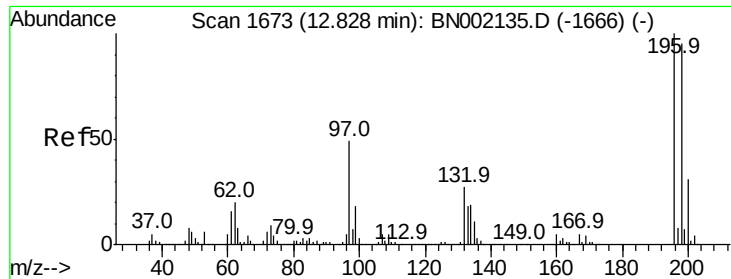
#42
 2,4,6-Trichlorophenol
 Concen: 51.834 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	78.2	117.2
200	30.6	24.6	36.8



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

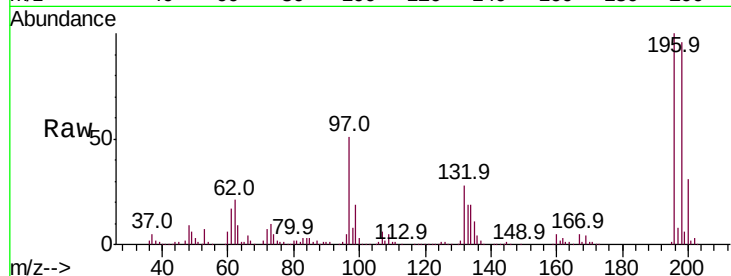




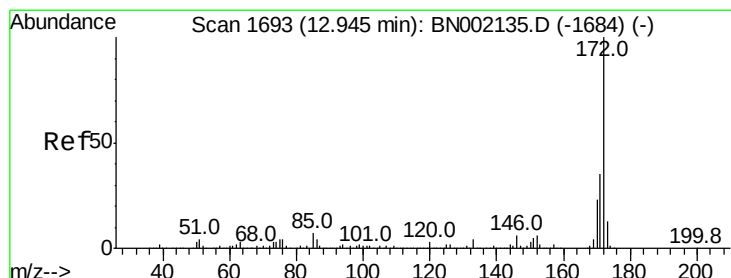
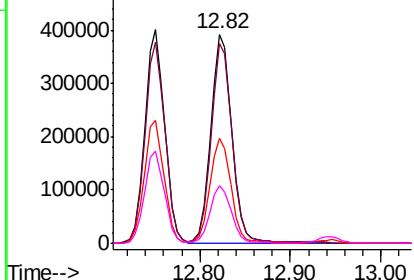
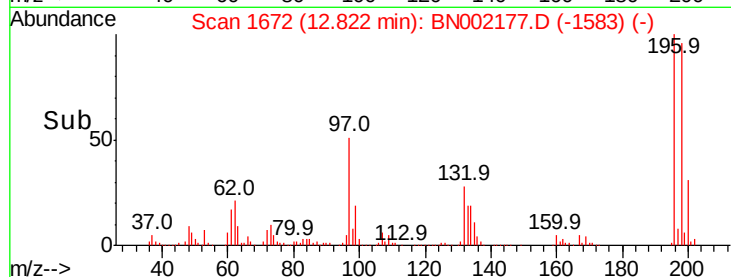
#43
 2,4,5-Trichlorophenol
 Concen: 50.771 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 627002
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.4
 97 50.6 38.7 58.1
 132 27.8 20.2 30.2

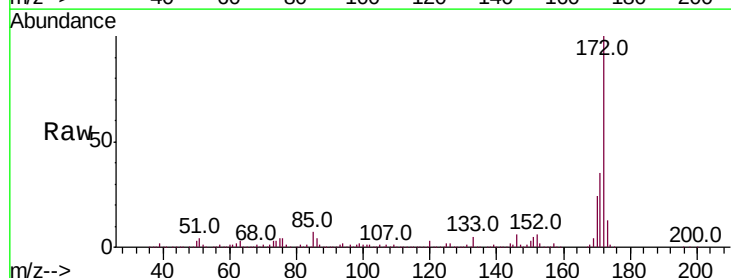


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

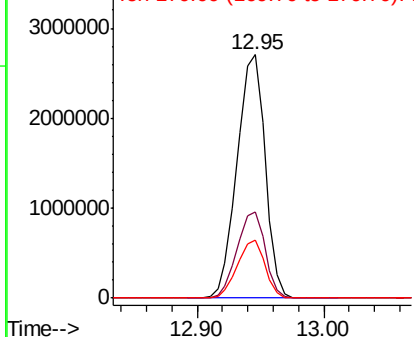
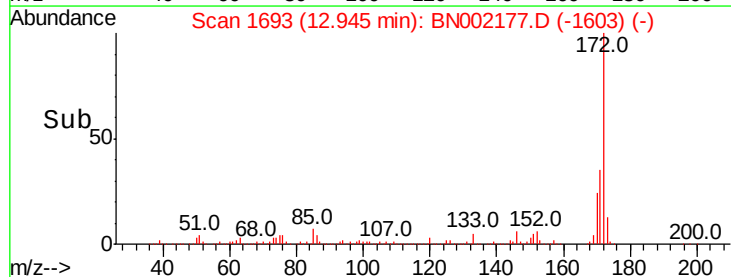


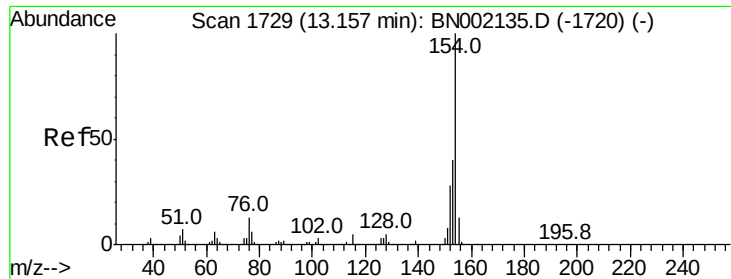
#44
 2-Fluorobiphenyl
 Concen: 104.866 ng
 RT: 12.95 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:172 Resp: 4160503
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.7 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 51.287 ng

RT: 13.15 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

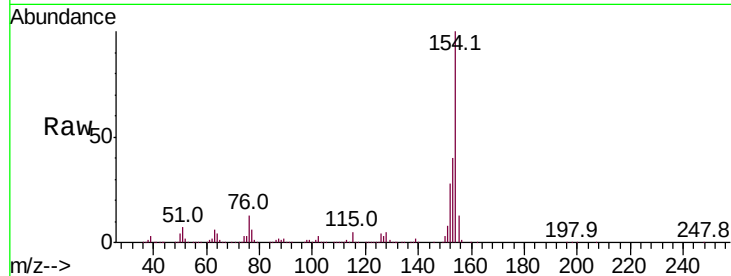
Tot Ion:154 Resp: 2332197

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	13.0	0.0	31.9

154 100

153 40.2 19.8 59.8

76 13.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

13.15

1500000

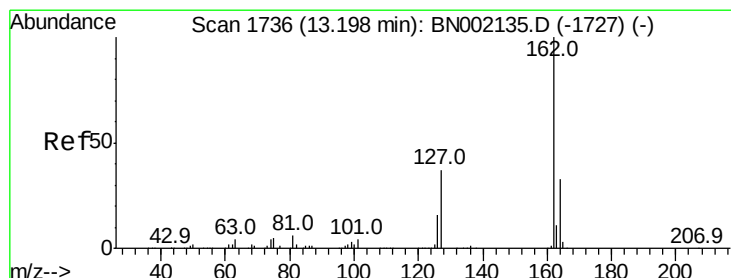
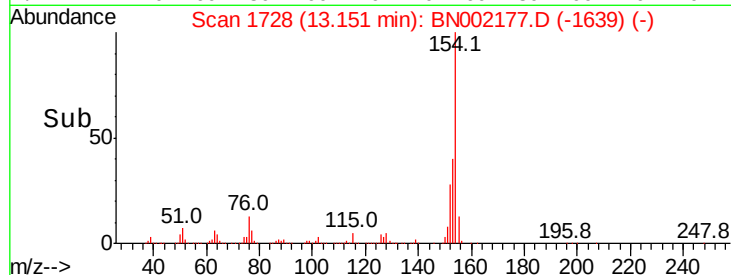
1000000

500000

0

Time-->

13.10 13.15 13.20



#46

2-Chloronaphthalene

Concen: 51.013 ng

RT: 13.19 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

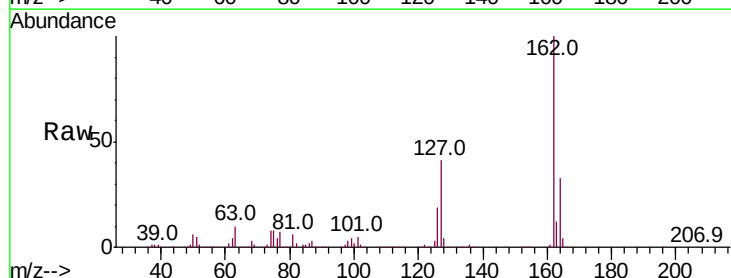
Tgt Ion:162 Resp: 1790558

Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.7	46.1
164	32.6	26.0	39.0

162 100

127 40.5 30.7 46.1

164 32.6 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

13.19

1500000

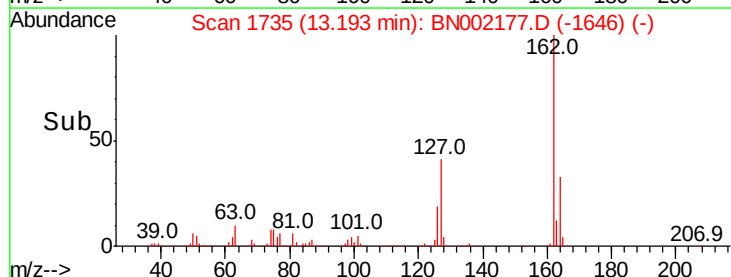
1000000

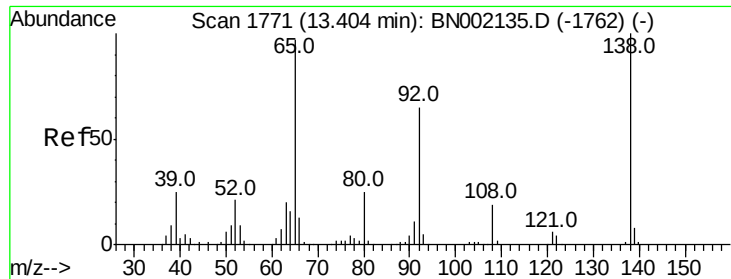
500000

0

Time-->

13.10 13.15 13.20 13.25





#47

2-Nitroaniline

Concen: 47.870 ng

RT: 13.40 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

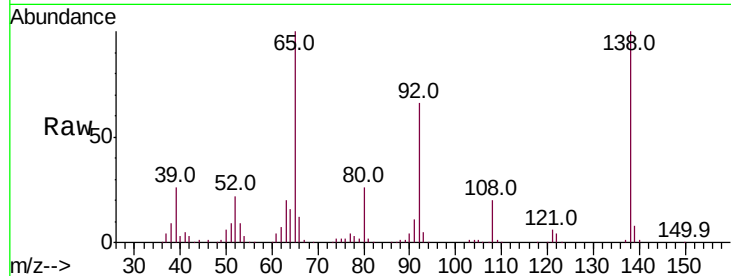
Tot Ion: 65 Resp: 540659

Ion Ratio Lower Upper

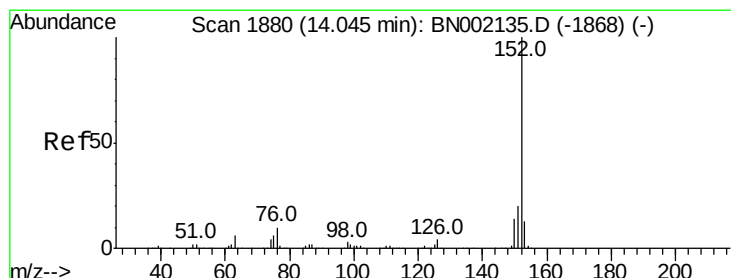
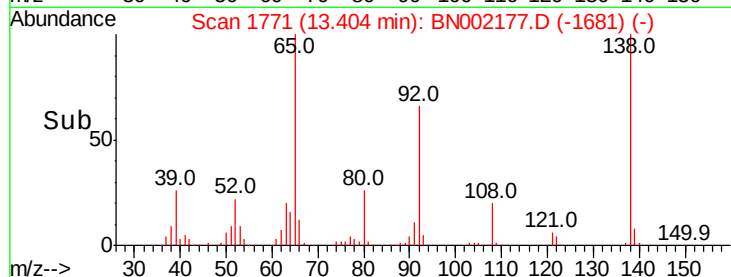
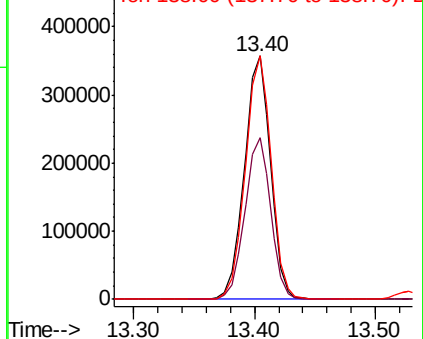
65 100

92 66.2 54.6 82.0

138 99.9 72.9 109.3



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



#48

Acenaphthylene

Concen: 53.026 ng

RT: 14.05 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

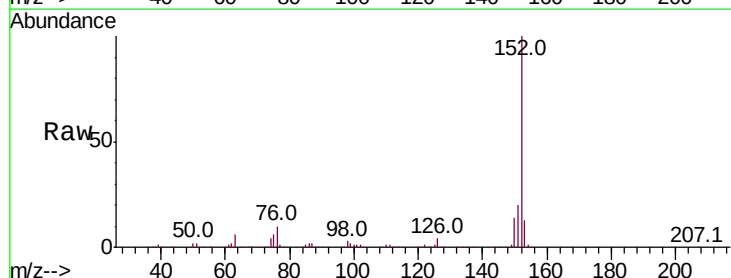
Tgt Ion: 152 Resp: 2824380

Ion Ratio Lower Upper

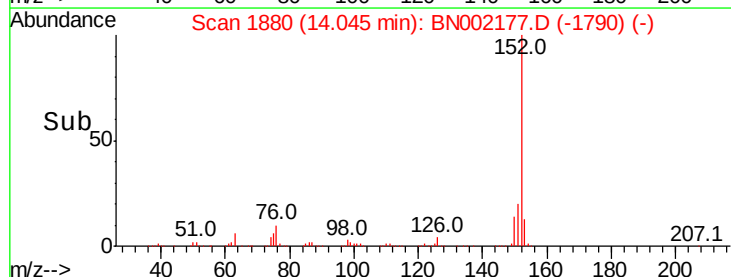
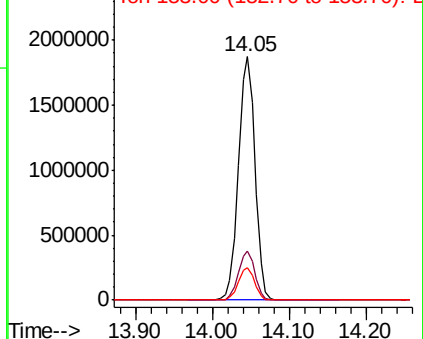
152 100

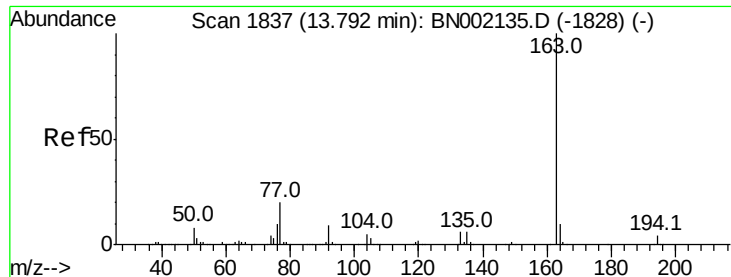
151 20.0 17.2 25.8

153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.656 ng

RT: 13.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

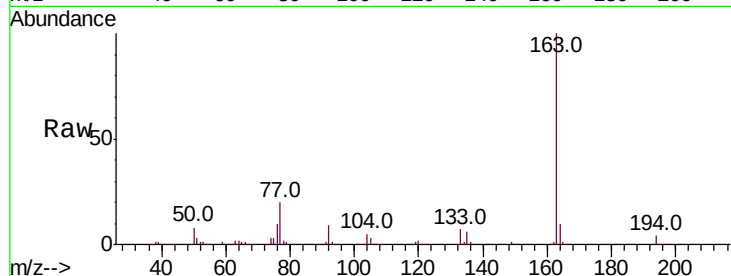
Tot Ion:163 Resp: 2045709

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

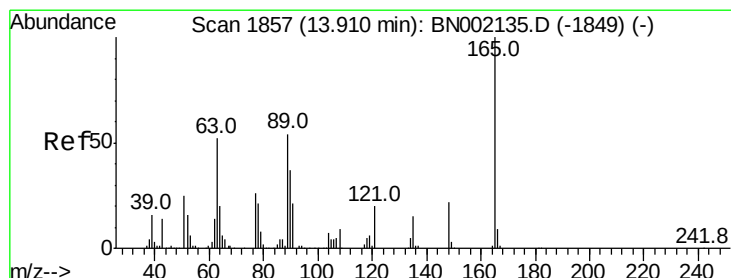
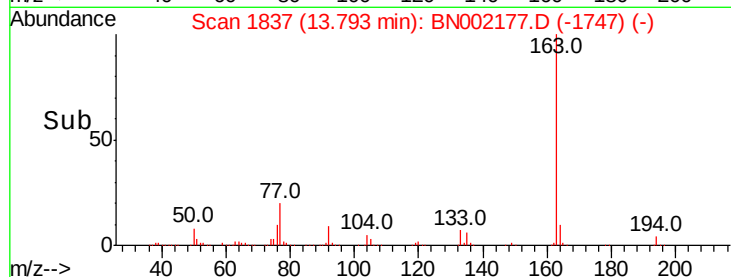
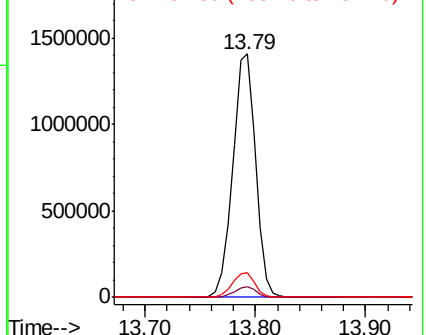
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.307 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

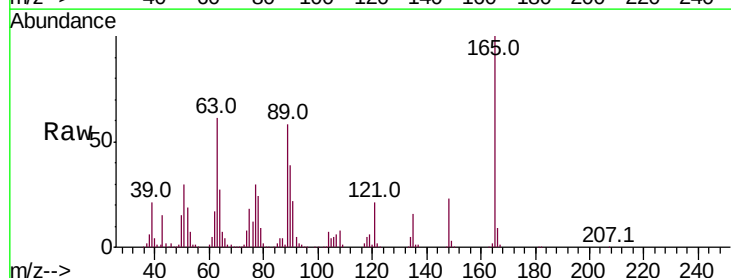
Tgt Ion:165 Resp: 451154

Ion Ratio Lower Upper

165 100

63 61.4 52.7 79.1

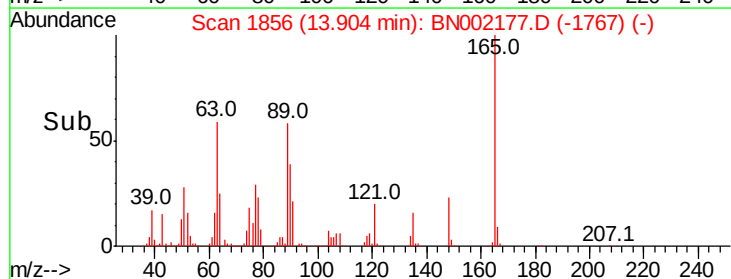
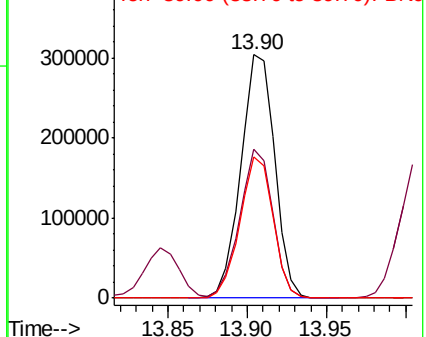
89 58.3 49.2 73.8

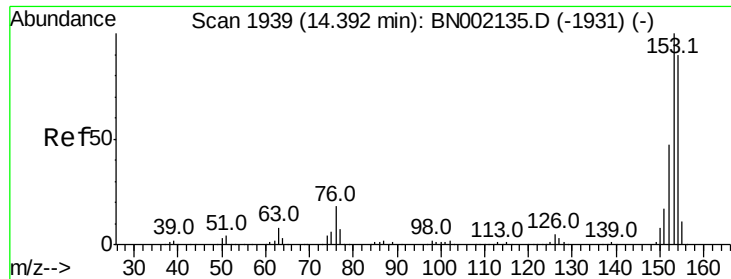


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 50.254 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

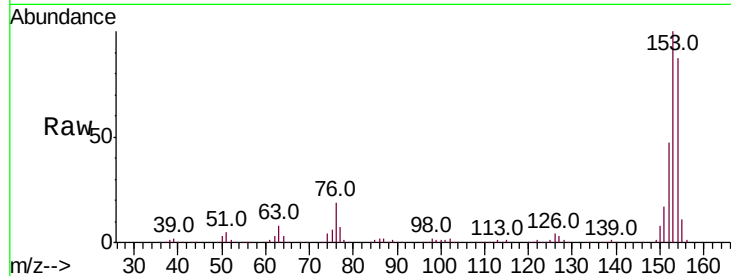
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 1612369

Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.4	135.6
152	54.1	41.6	62.4

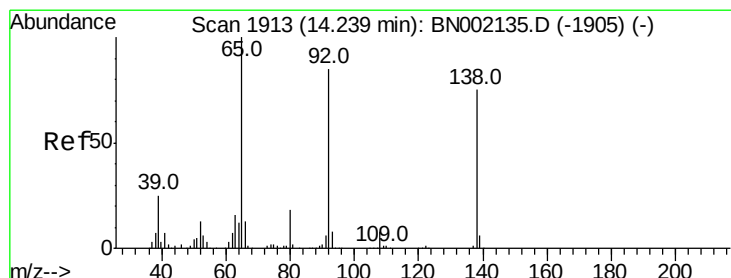
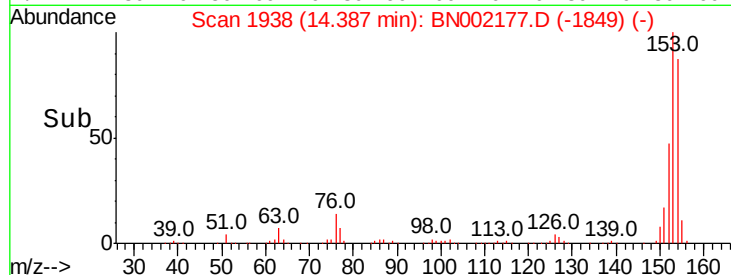
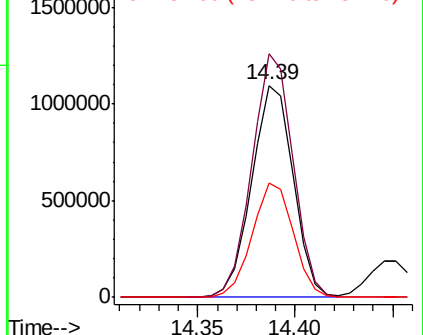


Abundance

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



#52

3-Nitroaniline

Concen: 14.426 ng

RT: 14.23 min Scan# 1912

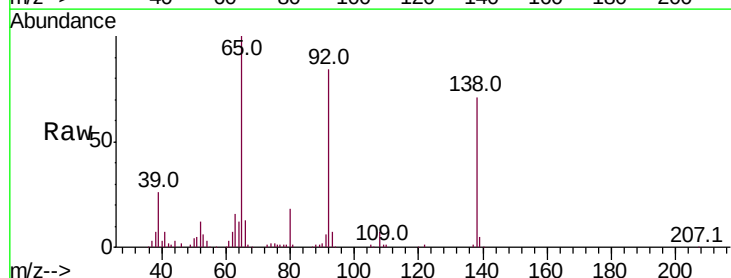
Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:138 Resp: 149060

Ion	Ratio	Lower	Upper
138	100		
108	10.6	17.5	26.3#
92	118.8	105.8	158.8

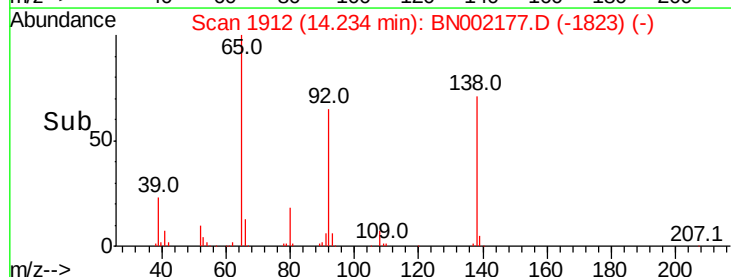
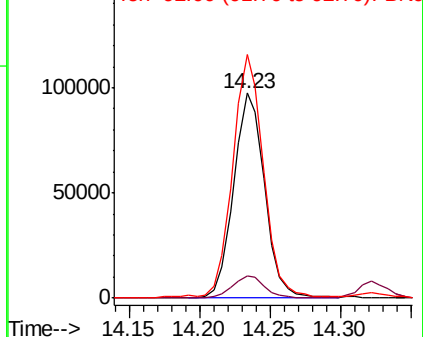


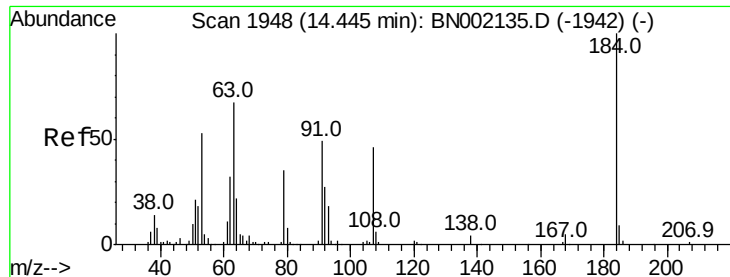
Abundance

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): BNC

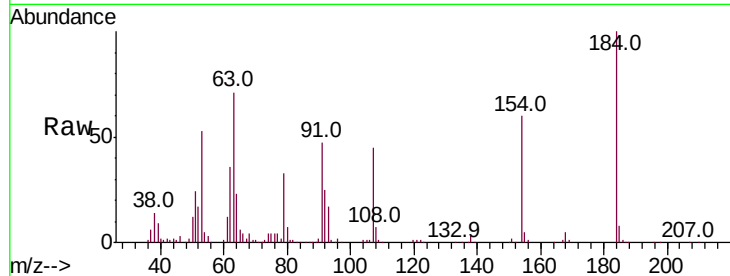




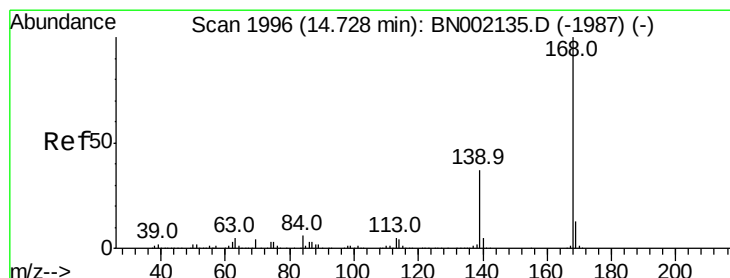
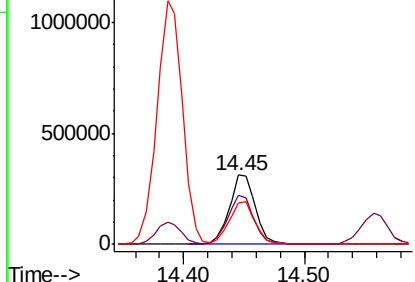
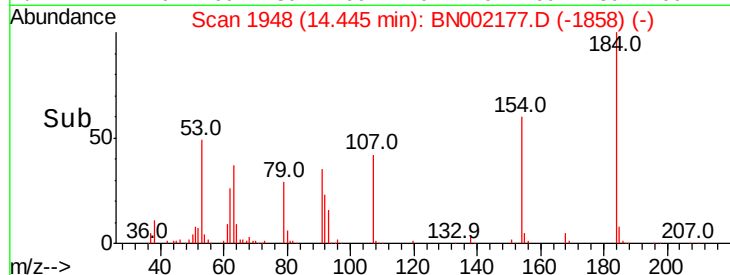
#53
2,4-Dinitrophenol
Concen: 93.296 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:184 Resp: 471113
Ion Ratio Lower Upper
184 100
63 71.1 56.0 84.0
154 60.4 48.0 72.0

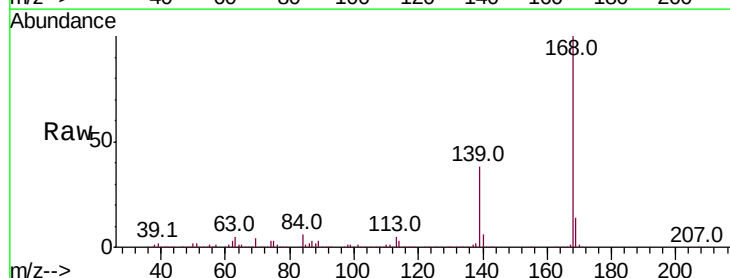


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

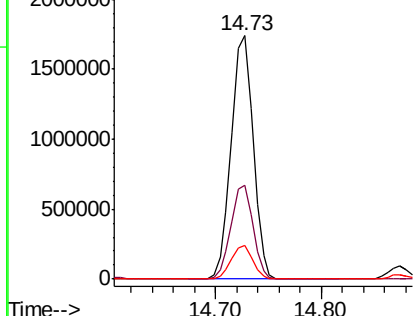
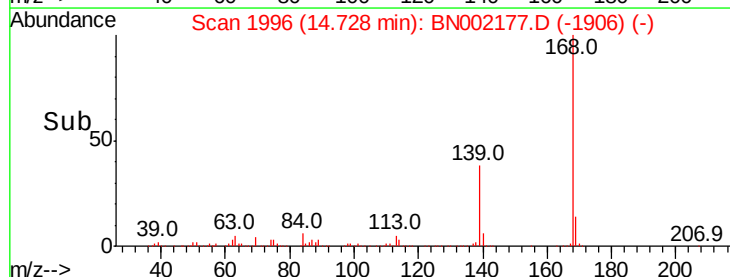


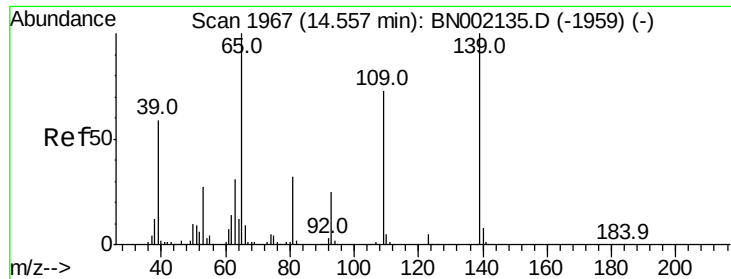
#54
Dibenzofuran
Concen: 48.015 ng
RT: 14.73 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:168 Resp: 2497652
Ion Ratio Lower Upper
168 100
139 38.4 28.6 43.0
169 13.6 11.2 16.8



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

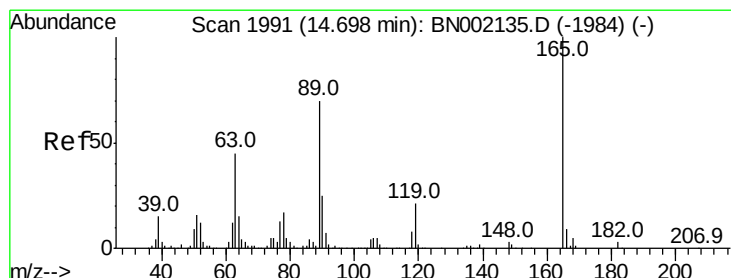
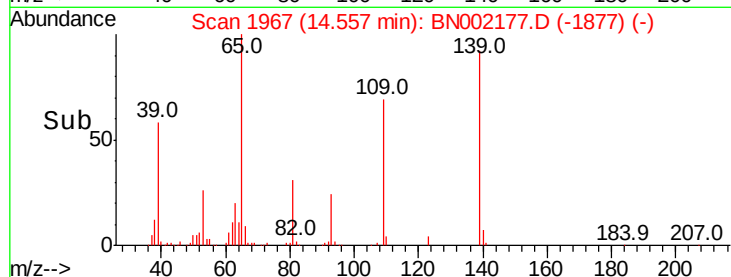
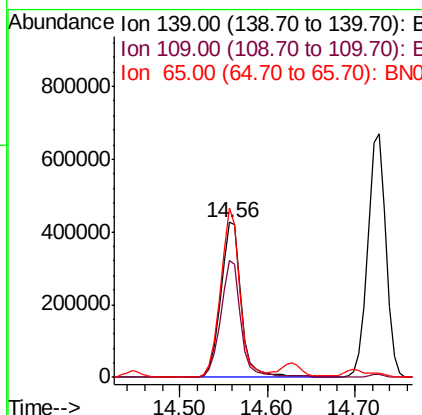
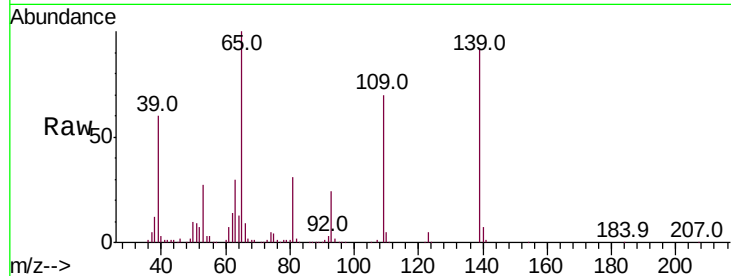




#55
4-Nitrophenol
Concen: 87.577 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

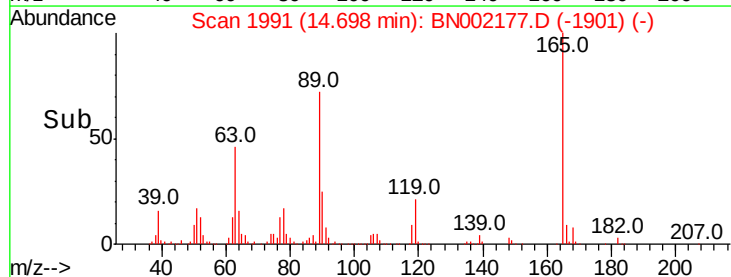
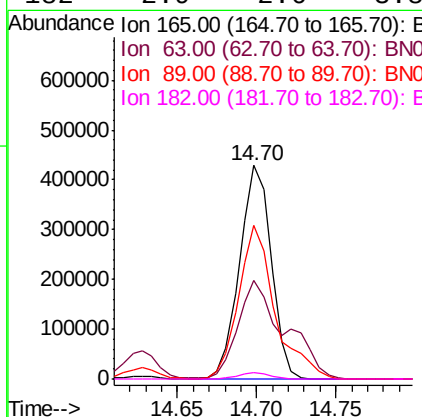
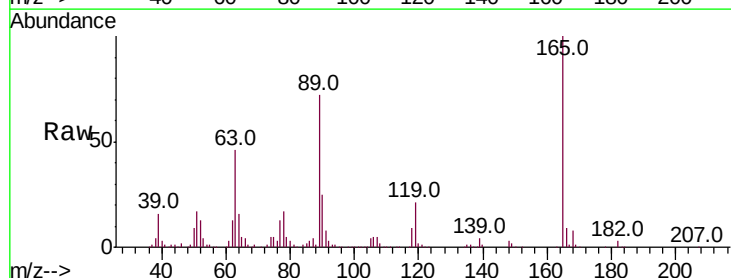
Instrument :
BNA_N
ClientSampleId :

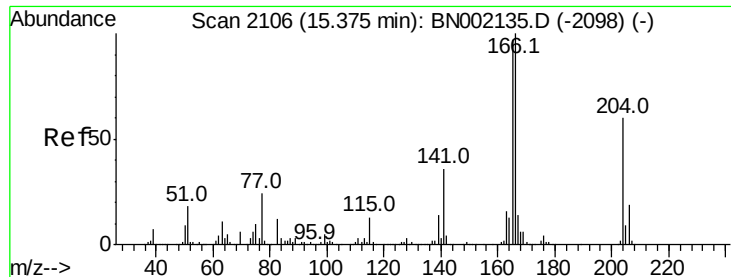
Tot Ion:139 Resp: 694740
Ion Ratio Lower Upper
139 100
109 75.9 62.2 102.2
65 109.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 45.994 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:165 Resp: 595304
Ion Ratio Lower Upper
165 100
63 46.3 42.0 63.0
89 71.7 66.9 100.3
182 2.9 2.6 3.8

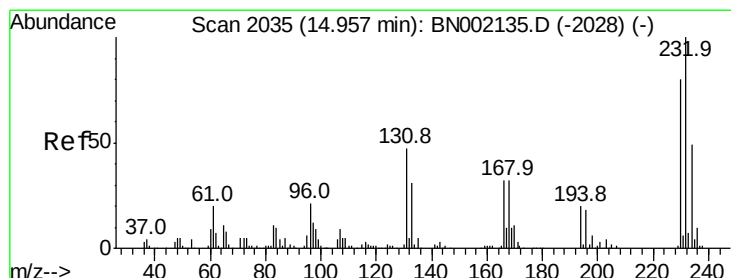
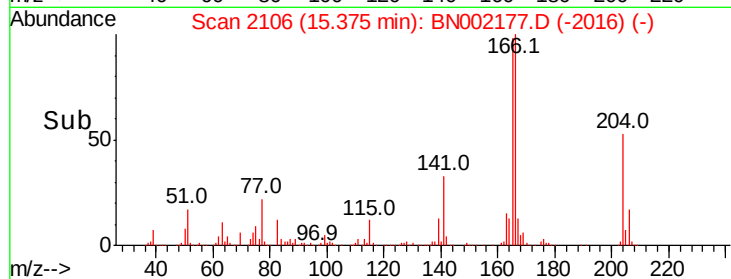
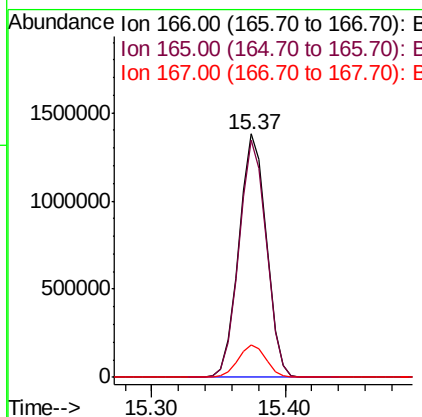
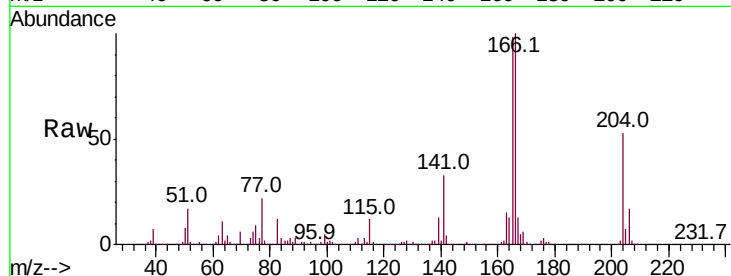




#57
 Fluorene
 Concen: 50.070 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

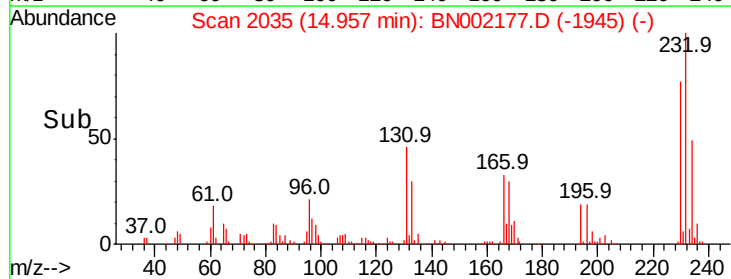
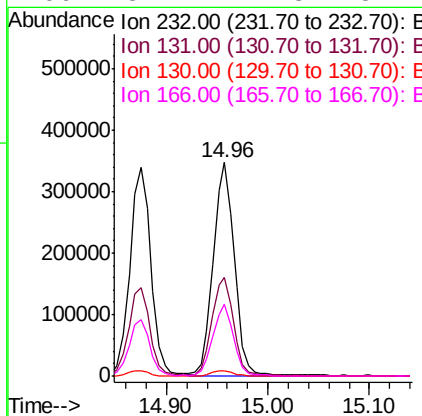
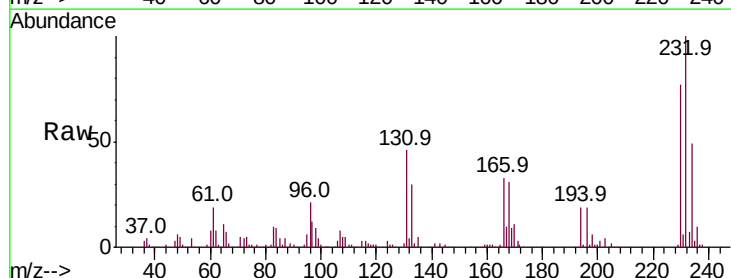
Instrument :
 BNA_N
 ClientSampleId :

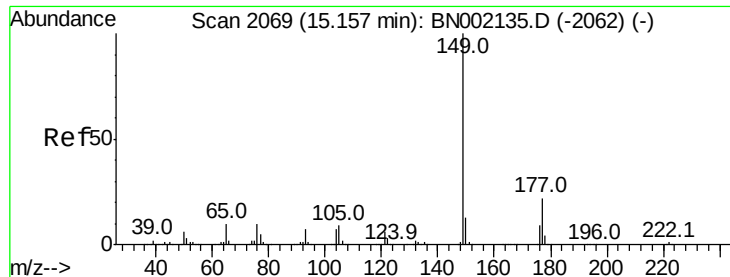
Tot Ion:166 Resp: 1963136
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.6 121.0
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.335 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:232 Resp: 502733
 Ion Ratio Lower Upper
 232 100
 131 46.8 33.5 50.3
 130 2.3 2.2 3.2
 166 32.7 24.8 37.2

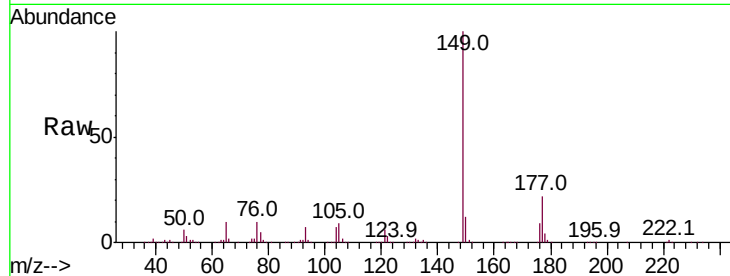




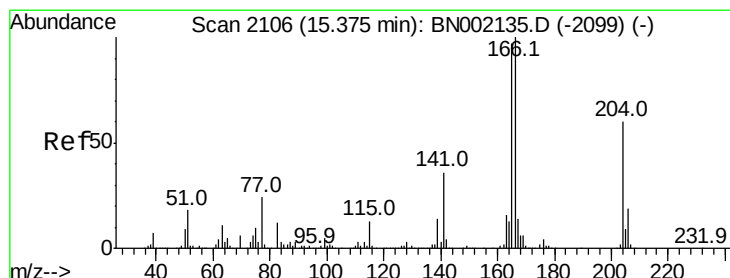
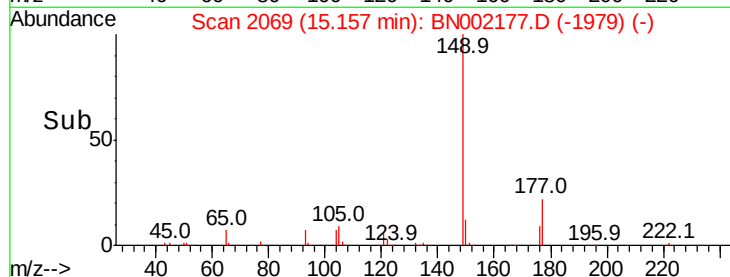
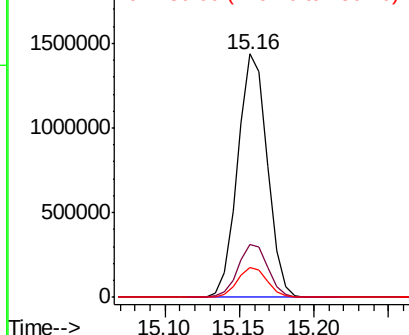
#59
Diethylphthalate
Concen: 45.301 ng
RT: 15.16 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 1979254
Ion Ratio Lower Upper
149 100
177 21.8 18.5 27.7
150 12.4 10.2 15.2

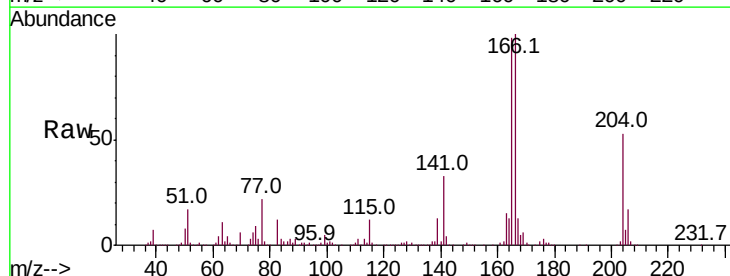


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

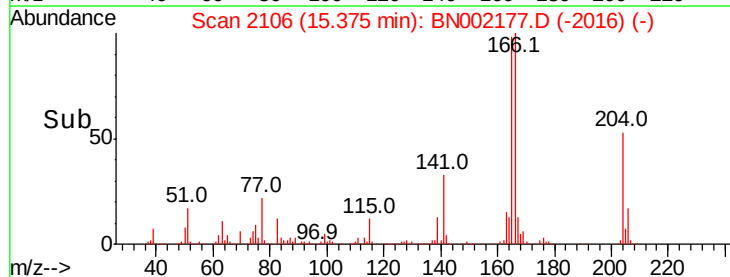
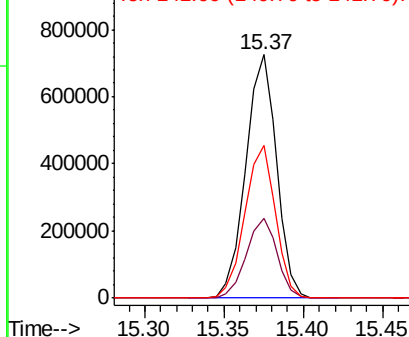


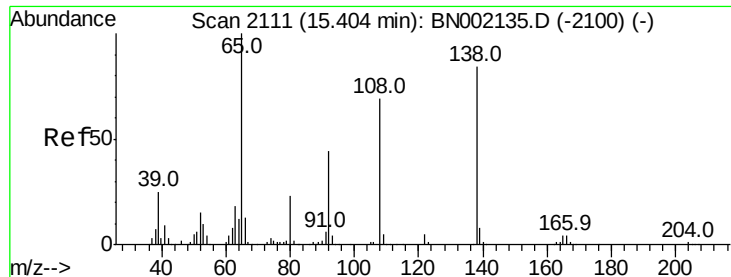
#60
4-Chlorophenyl-phenylether
Concen: 45.126 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:204 Resp: 979014
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 62.6 45.8 68.6



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

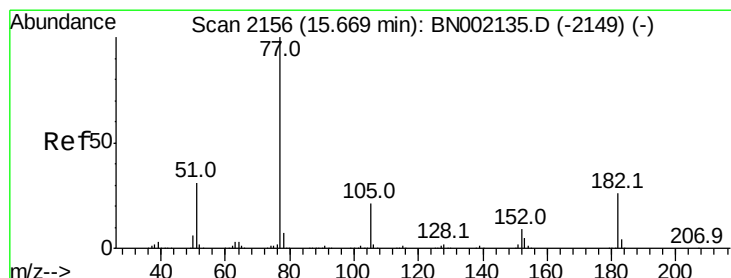
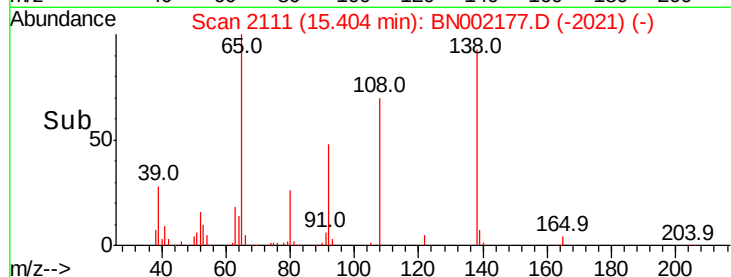
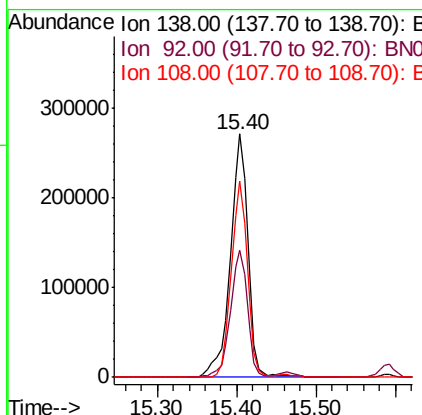
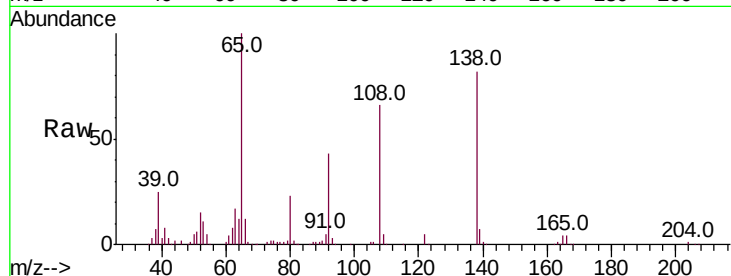




#61
4-Nitroaniline
Concen: 39.628 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

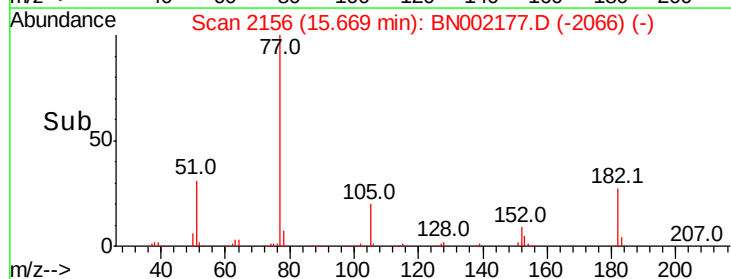
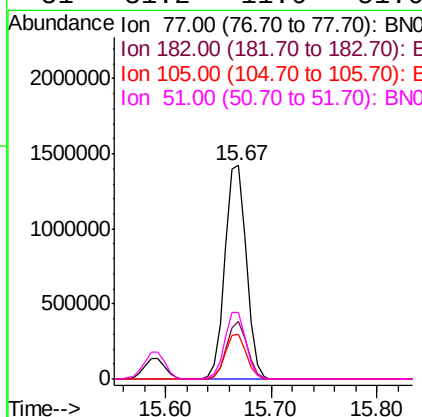
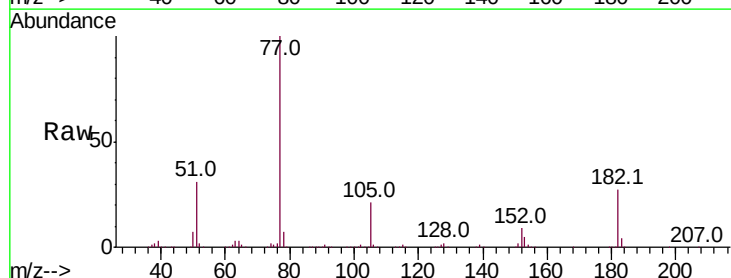
Instrument :
BNA_N
ClientSampleId :

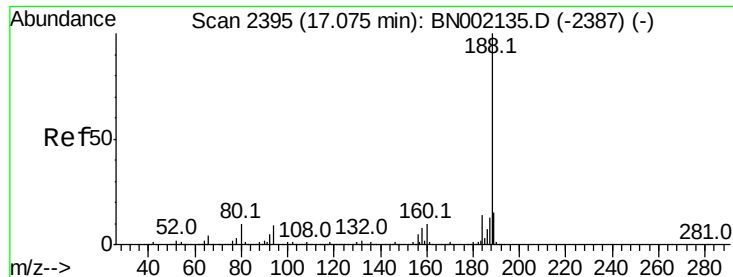
Tot Ion:138 Resp: 417409
Ion Ratio Lower Upper
138 100
92 52.3 40.1 80.1
108 80.5 65.4 105.4



#62
Azobenzene
Concen: 47.481 ng
RT: 15.67 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion: 77 Resp: 1990534
Ion Ratio Lower Upper
77 100
182 26.7 7.4 47.4
105 21.0 0.3 40.3
51 31.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

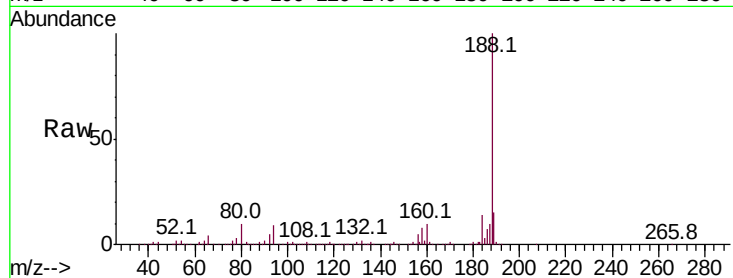
Tot Ion:188 Resp: 943553

Ion Ratio Lower Upper

188 100

94 9.3 6.9 10.3

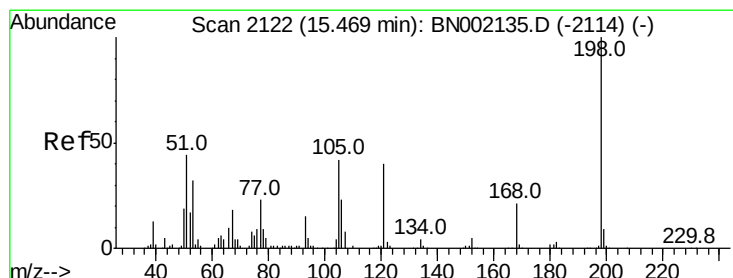
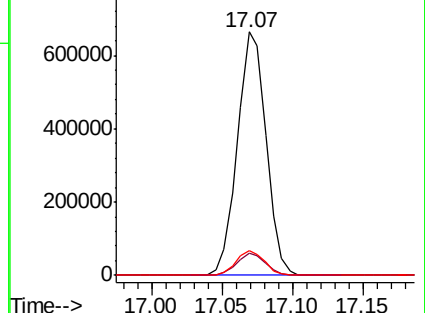
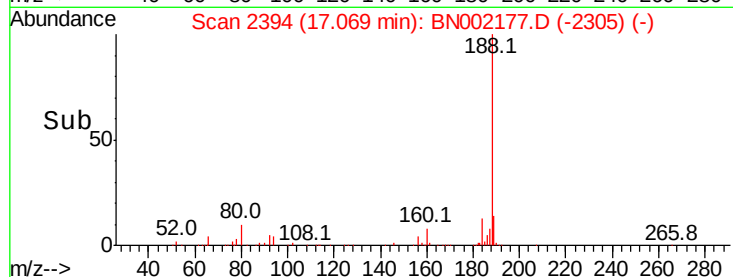
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.260 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

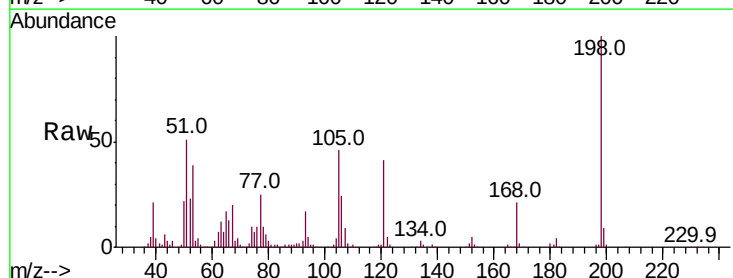
Tgt Ion:198 Resp: 307426

Ion Ratio Lower Upper

198 100

51 50.9 30.6 70.6

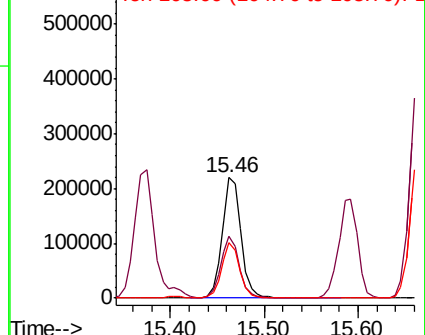
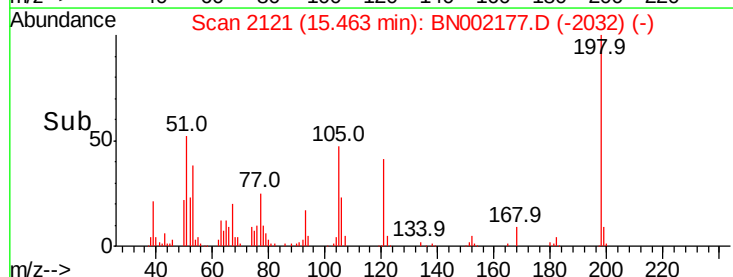
105 46.2 23.8 63.8

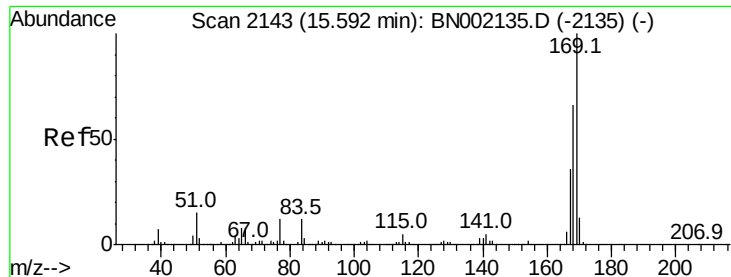


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

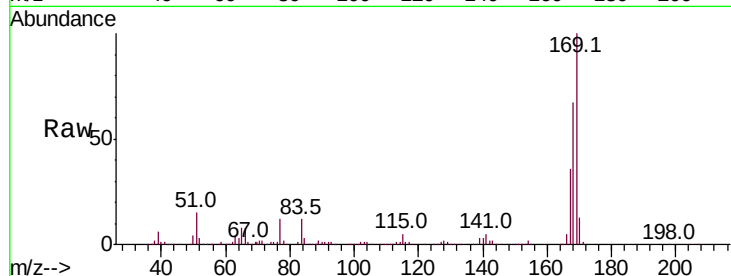




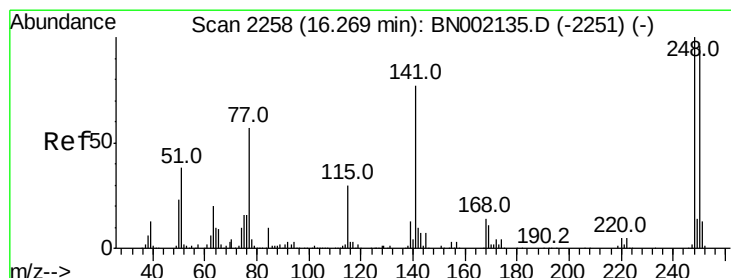
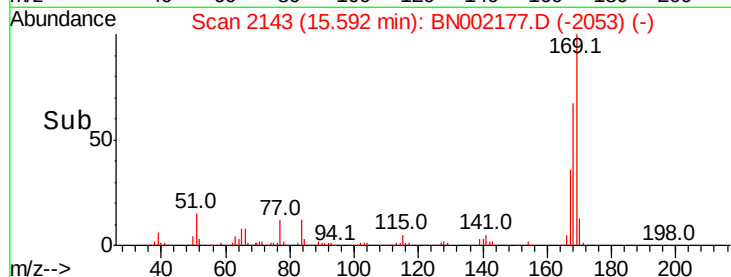
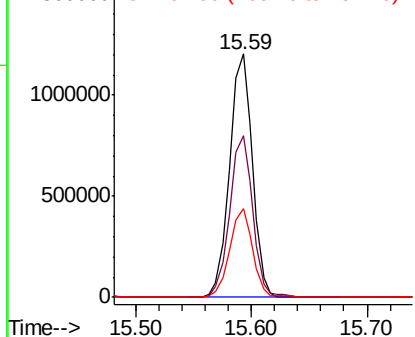
#65
 n-Nitrosodiphenylamine
 Concen: 52.333 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 1638541
 Ion Ratio Lower Upper
 169 100
 168 66.6 55.7 83.5
 167 36.2 30.1 45.1

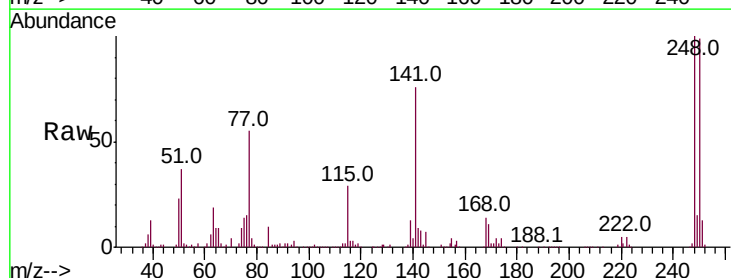


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

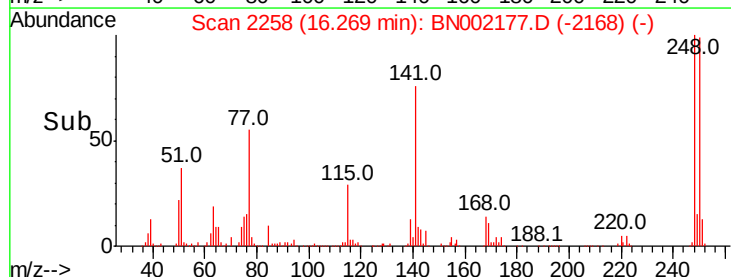
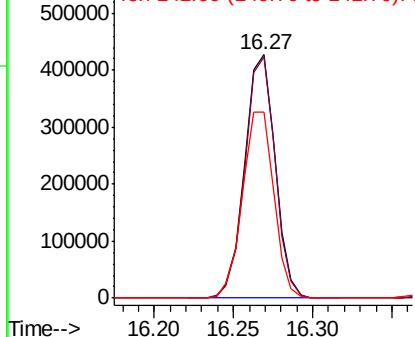


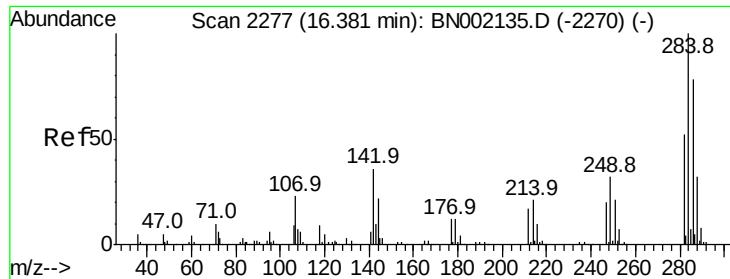
#66
 4-Bromophenyl-phenylether
 Concen: 51.879 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:248 Resp: 573043
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.1 115.7
 141 76.5 50.8 76.2#



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

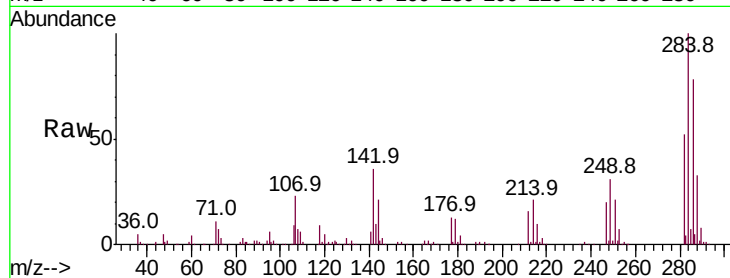




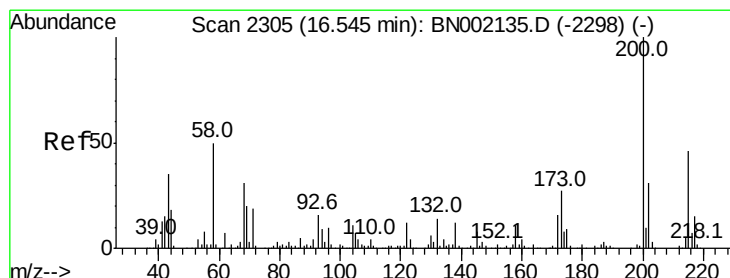
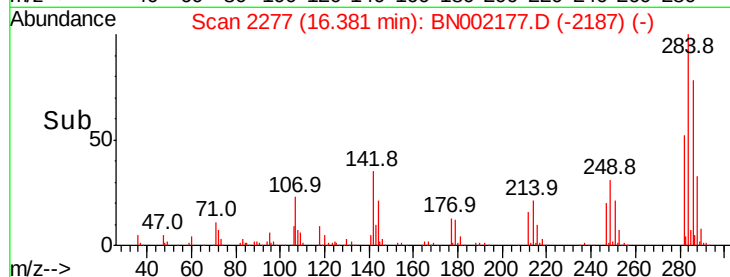
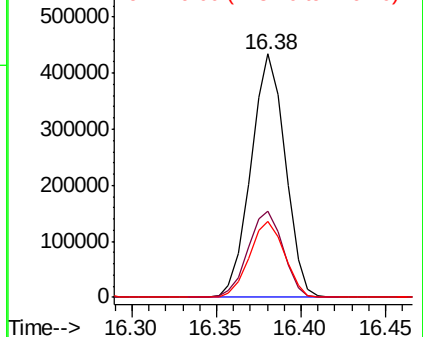
#67
Hexachlorobenzene
Concen: 50.344 ng
RT: 16.38 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	26.8	40.2
249	31.4	26.3	39.5

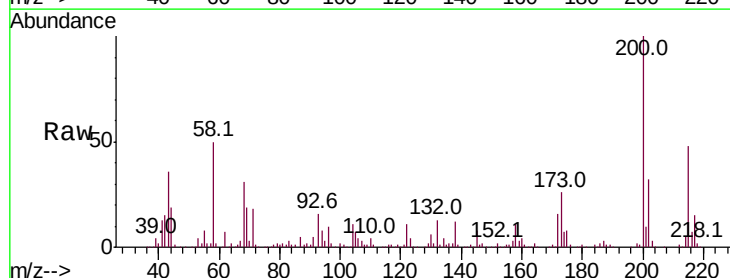


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

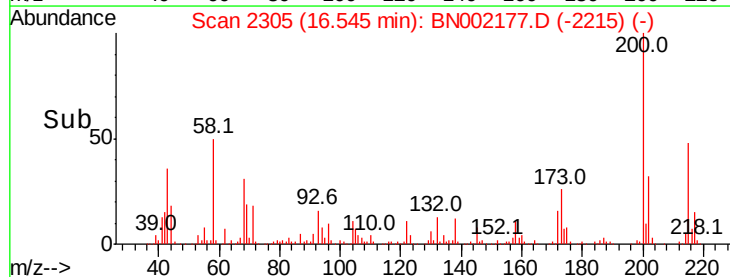
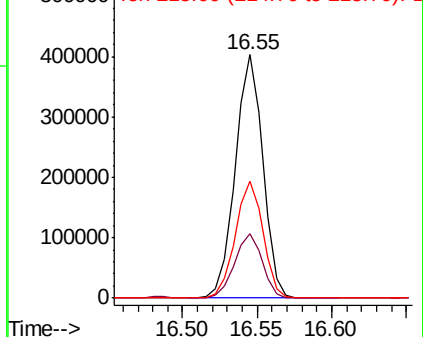


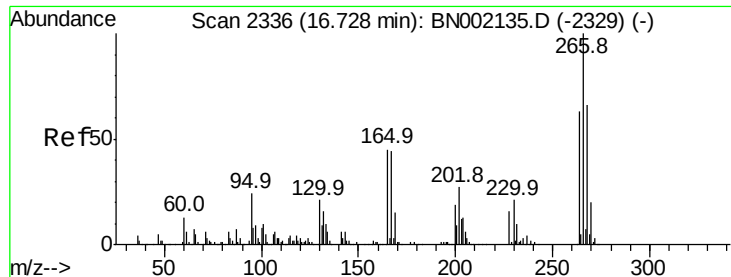
#68
Atrazine
Concen: 49.243 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.2	45.2
215	48.1	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 81.289 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

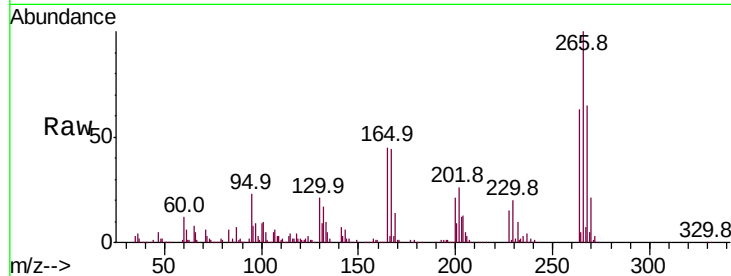
Tot Ion:266 Resp: 639297

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

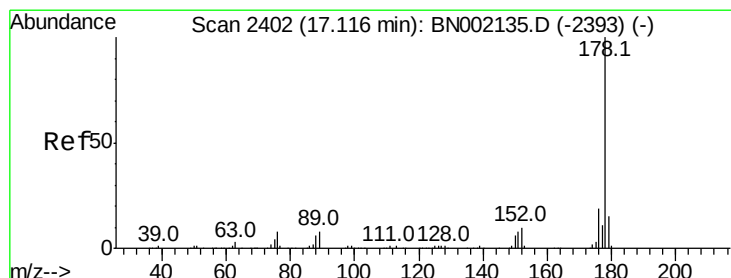
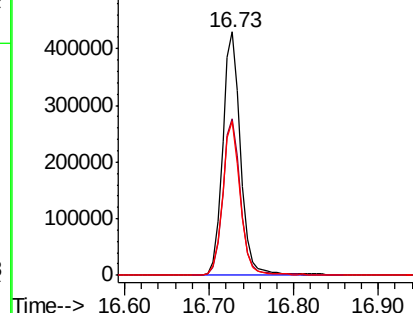
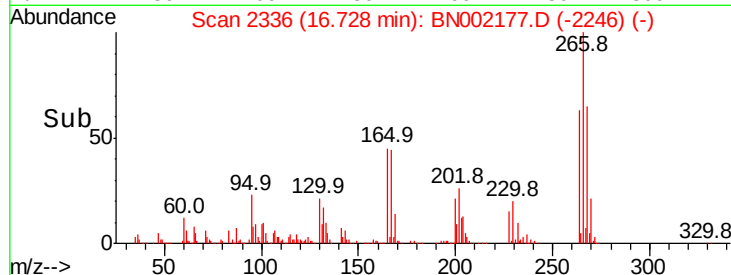
264 63.4 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 52.789 ng

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

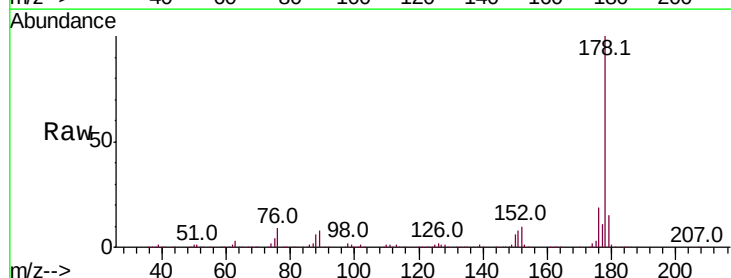
Tgt Ion:178 Resp: 2718814

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

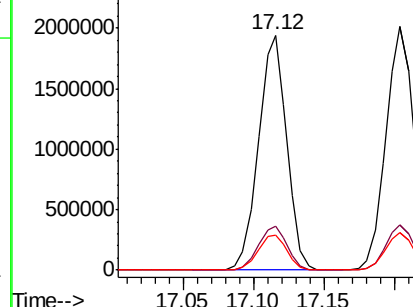
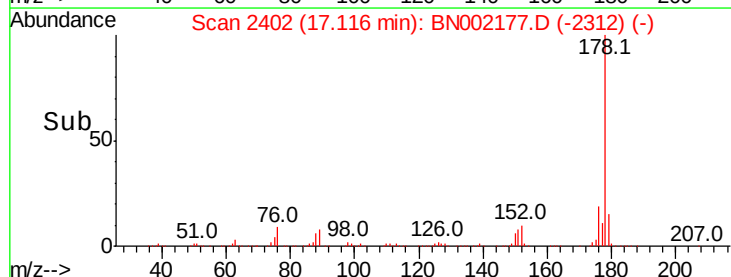
179 15.1 12.5 18.7

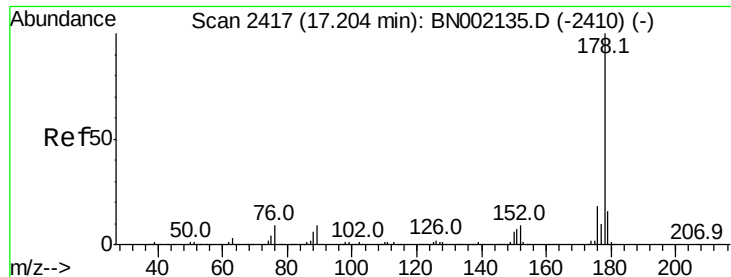


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

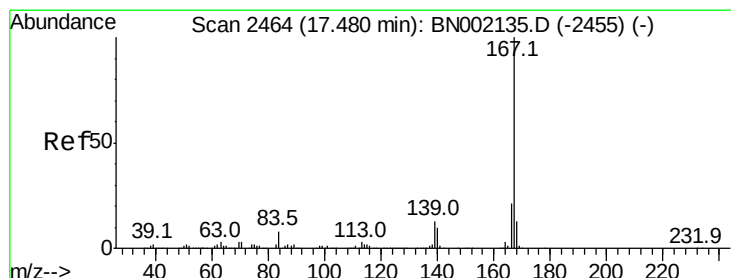
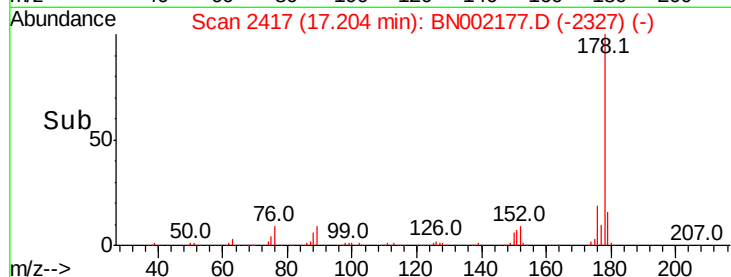
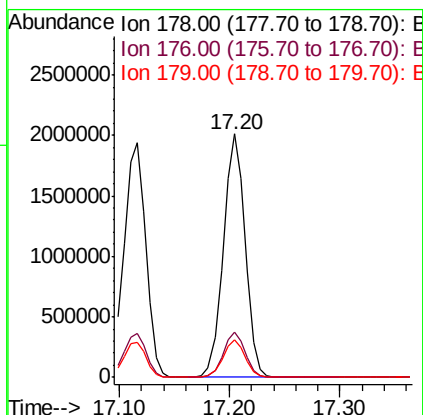
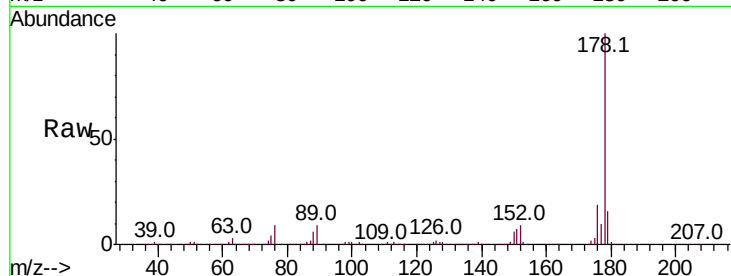




#71
 Anthracene
 Concen: 54.410 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

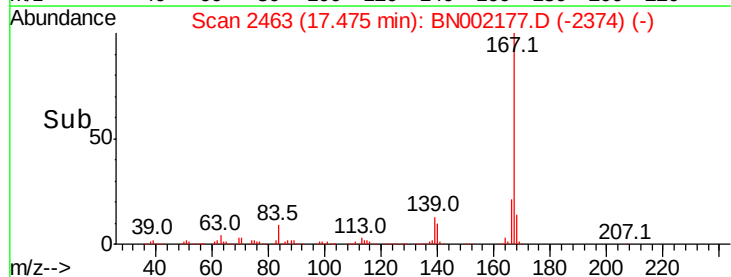
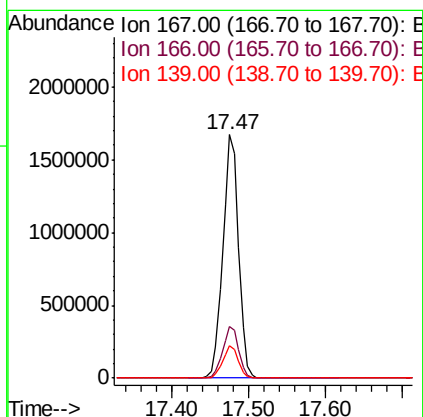
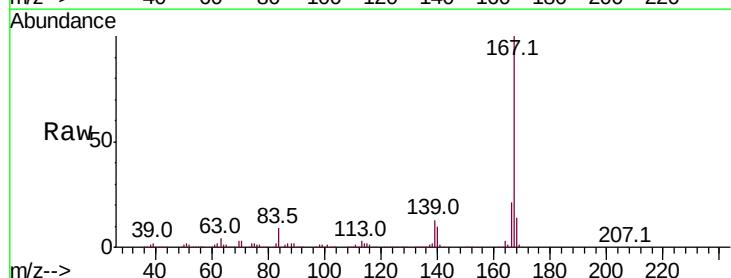
Instrument :
 BNA_N
 ClientSampleId :

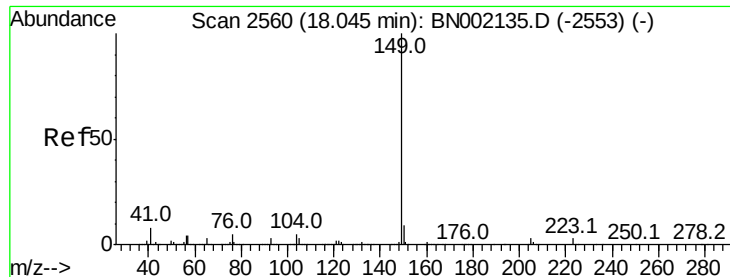
Tot Ion:178 Resp: 2773629
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 46.021 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:167 Resp: 2353990
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.4
 139 13.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.748 ng

RT: 18.05 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

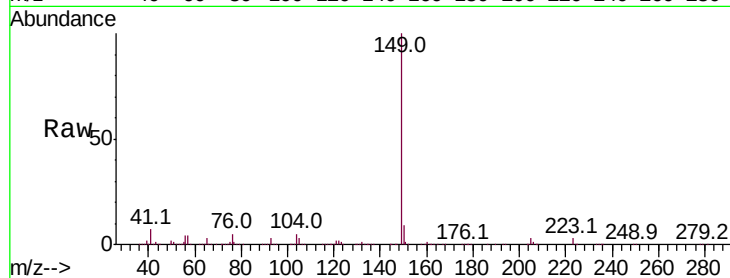
Tot Ion:149 Resp: 2908542

Ion Ratio Lower Upper

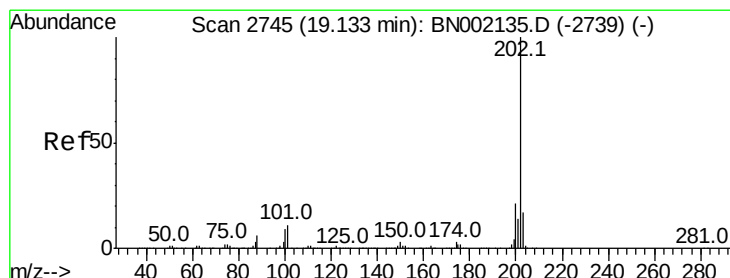
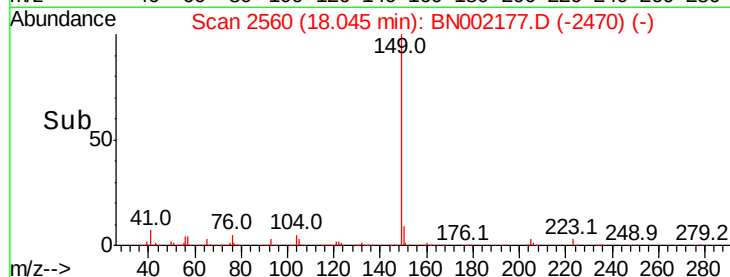
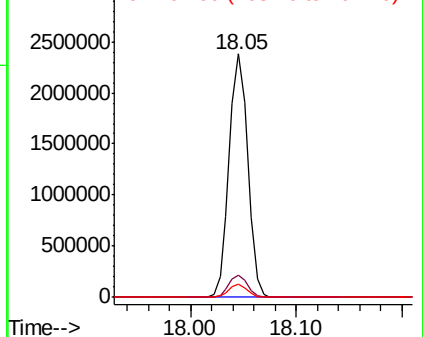
149 100

150 9.3 7.8 11.6

104 5.2 3.9 5.9



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



#74

Fluoranthene

Concen: 49.048 ng

RT: 19.13 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

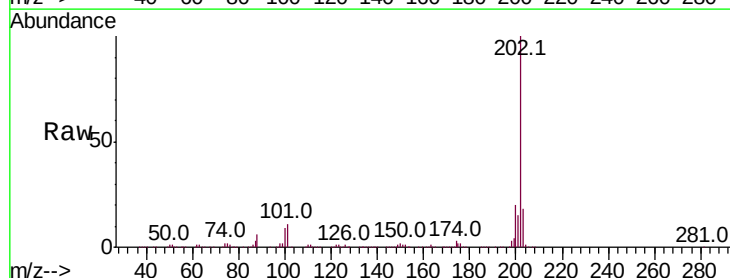
Tgt Ion:202 Resp: 2742685

Ion Ratio Lower Upper

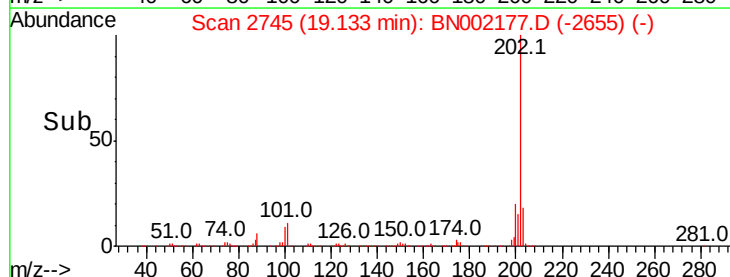
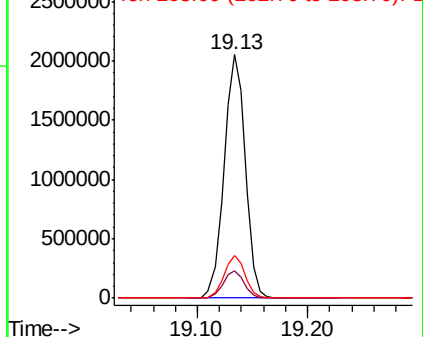
202 100

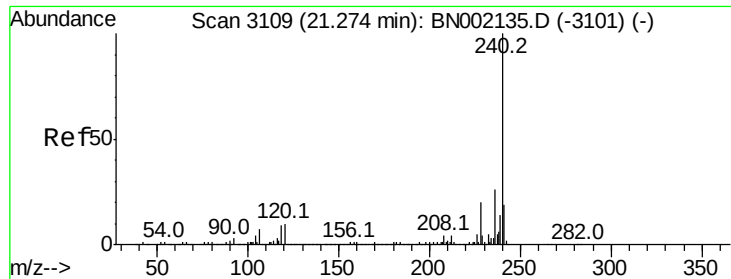
101 11.0 0.0 28.9

203 17.6 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

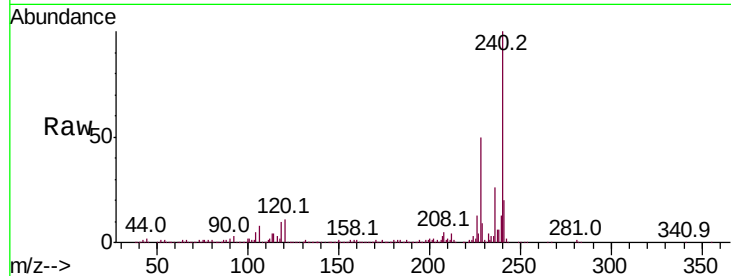
Tot Ion:240 Resp: 696788

Ion Ratio Lower Upper

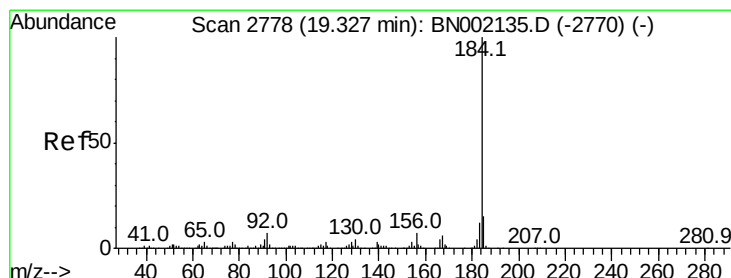
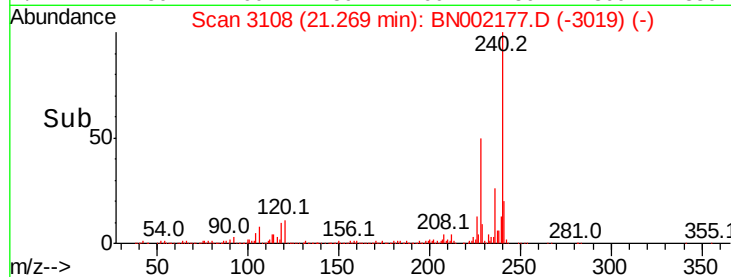
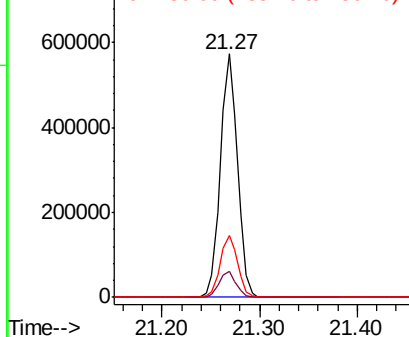
240 100

120 10.6 6.8 10.2#

236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.881 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

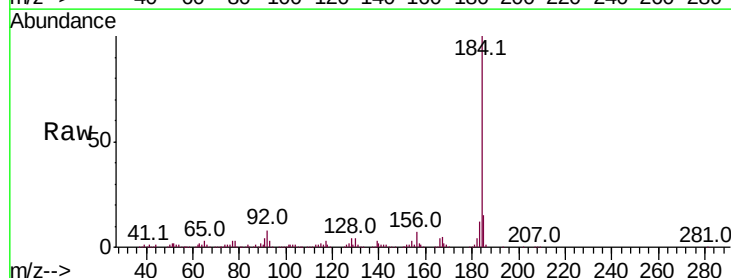
Tgt Ion:184 Resp: 929065

Ion Ratio Lower Upper

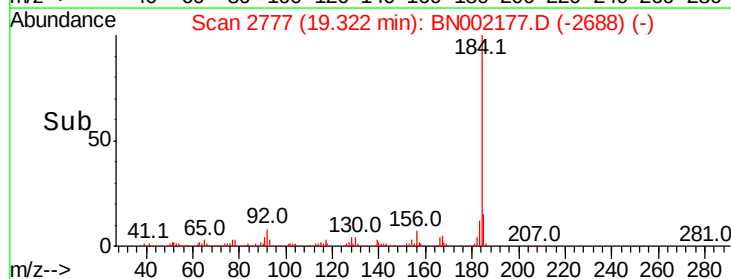
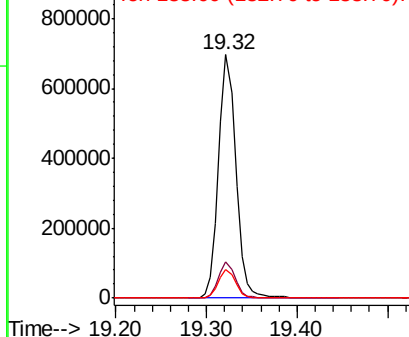
184 100

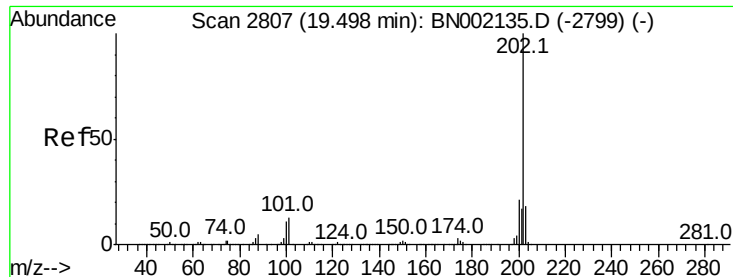
185 14.8 11.1 16.7

183 11.7 10.6 16.0



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





#77

Pvrene

Concen: 56.118 ng

RT: 19.50 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

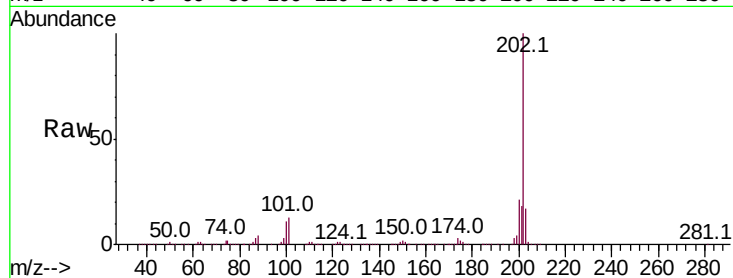
Instrument :

BNA_N

ClientSampled :

Tot Ion:202 Resp: 2696610

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.3	13.9	20.9

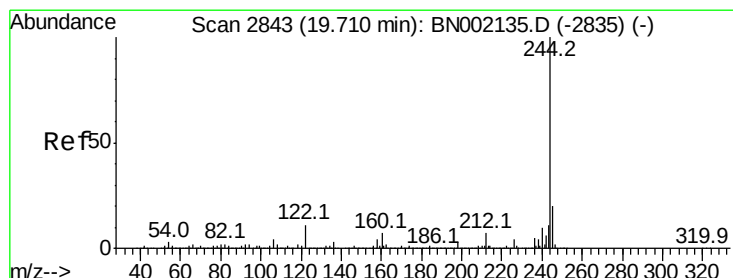
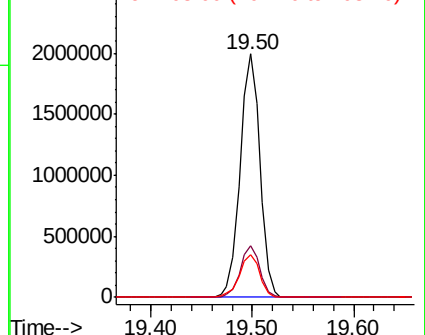
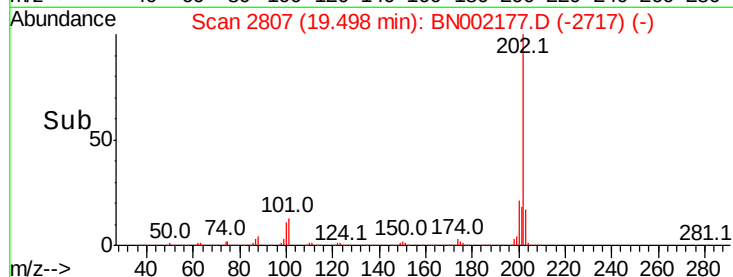


Abundance

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



#78

Terphenyl-d14

Concen: 119.097 ng

RT: 19.71 min Scan# 2843

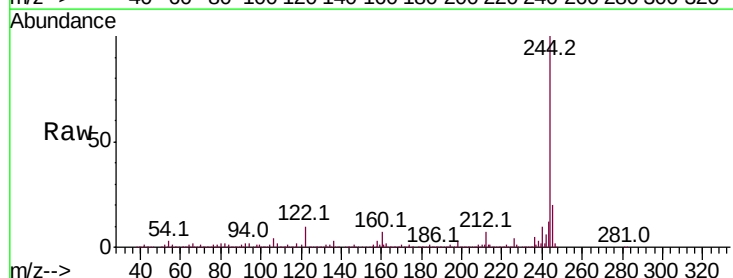
Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:244 Resp: 3978896

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.5	7.0	10.4

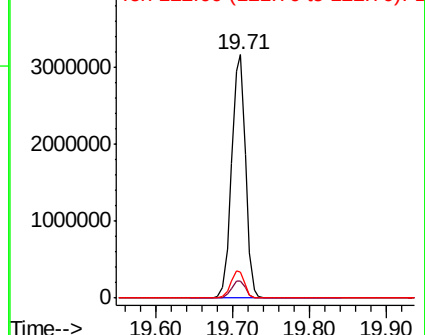
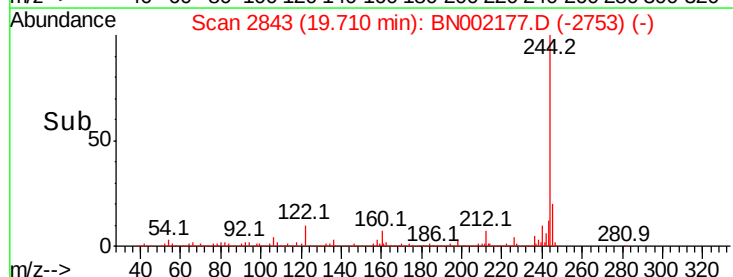


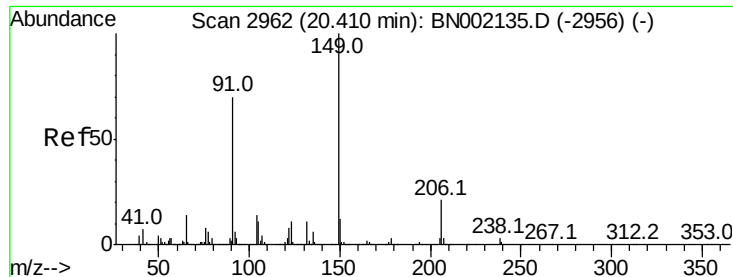
Abundance

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





#79

Butylbenzylphthalate

Concen: 53.999 ng

RT: 20.41 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

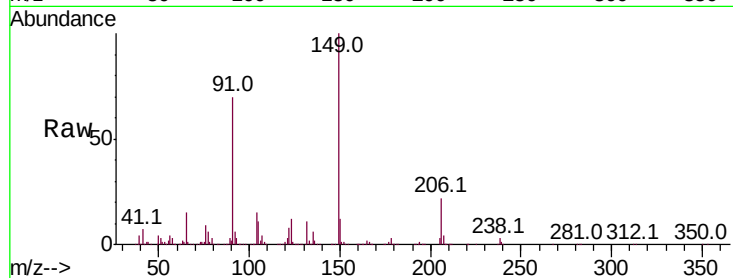
Tot Ion:149 Resp: 1129509

Ion	Ratio	Lower	Upper
149	100		
91	69.9	62.2	93.2
206	21.7	18.6	27.8

149 100

91 69.9 62.2 93.2

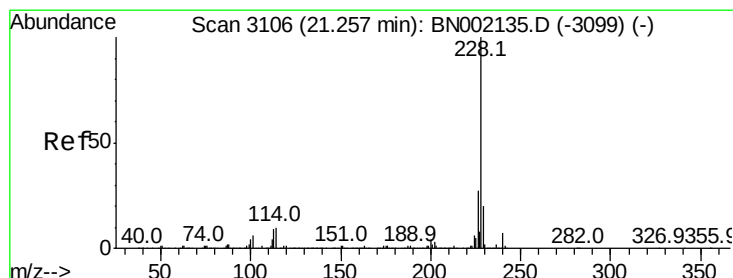
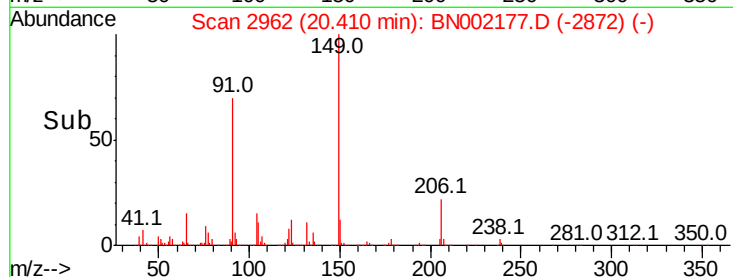
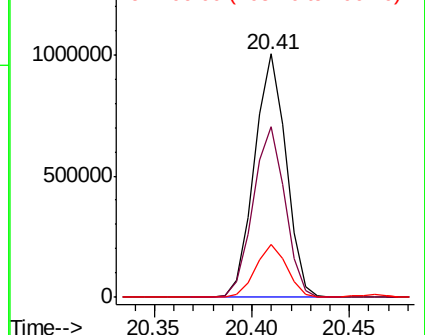
206 21.7 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.039 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

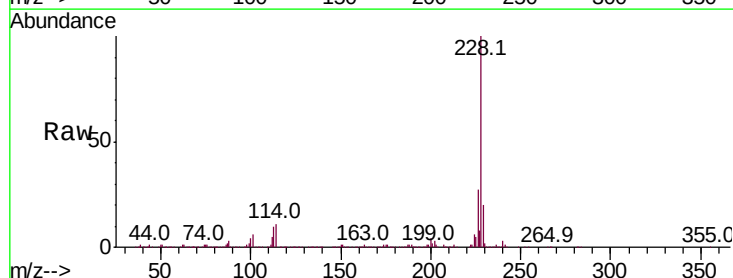
Tgt Ion:228 Resp: 2294989

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.7	34.1
229	20.4	16.2	24.2

228 100

226 27.1 22.7 34.1

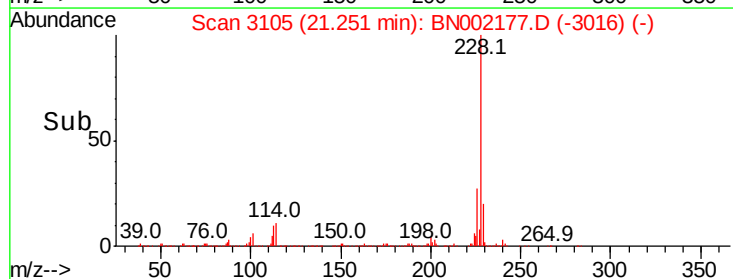
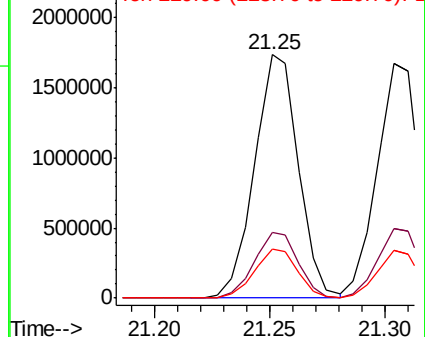
229 20.4 16.2 24.2

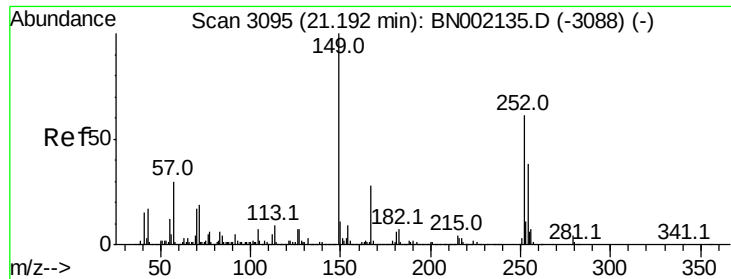


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

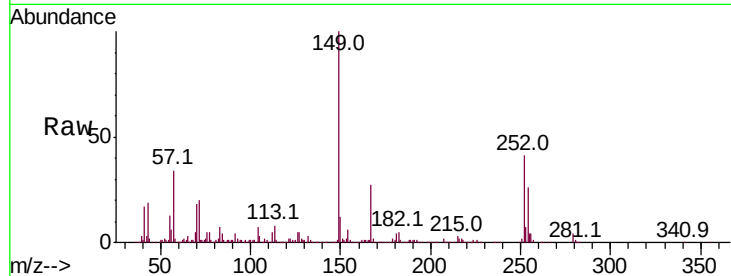




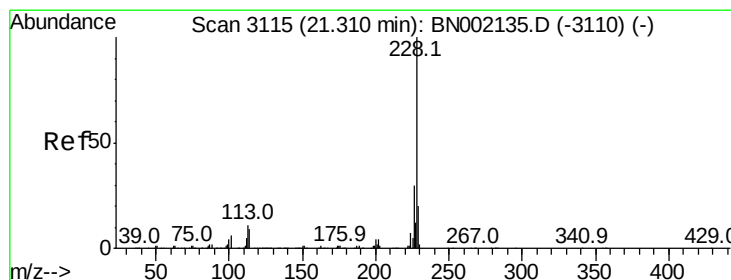
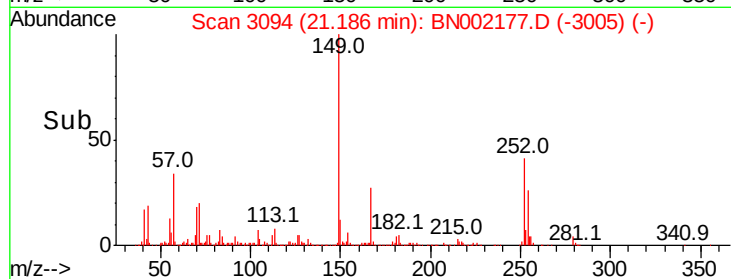
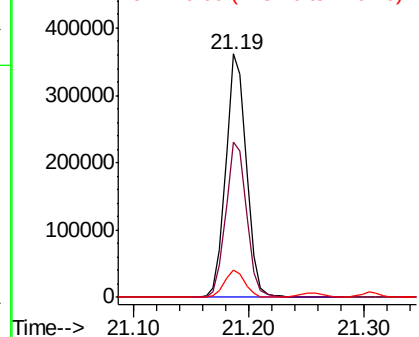
#81
 3,3'-Dichlorobenzidine
 Concen: 26.958 ng
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:252 Resp: 446029
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.8 76.2
 126 11.2 7.4 11.2#

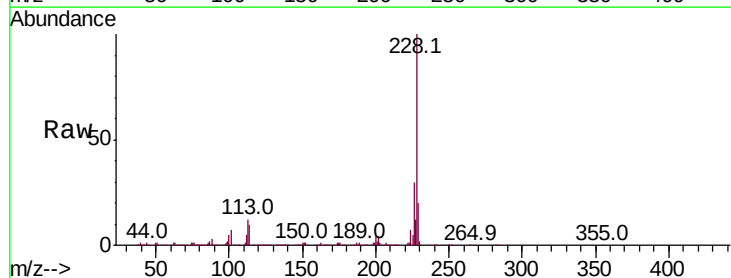


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

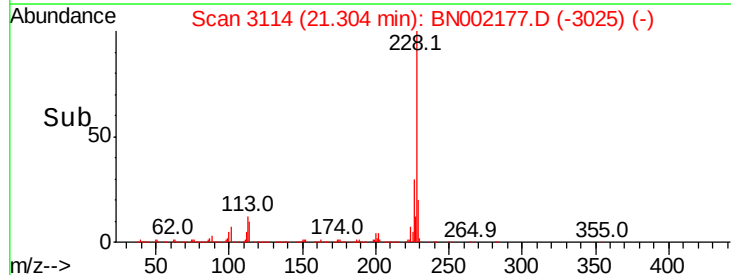
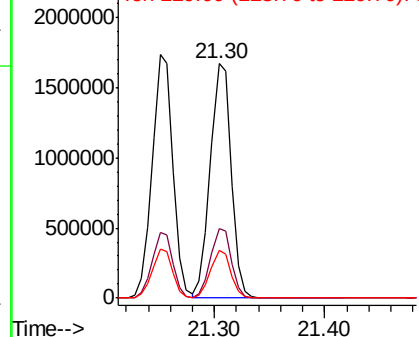


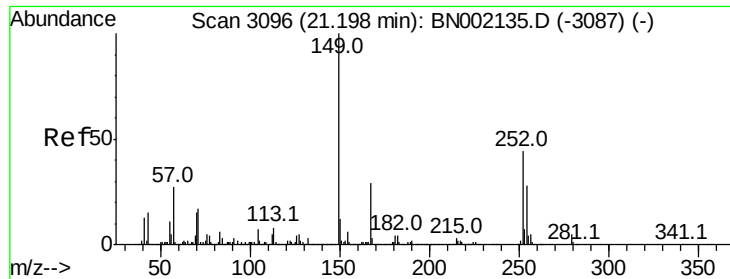
#82
 Chrysene
 Concen: 53.070 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:228 Resp: 2145944
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 20.4 15.0 22.4



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

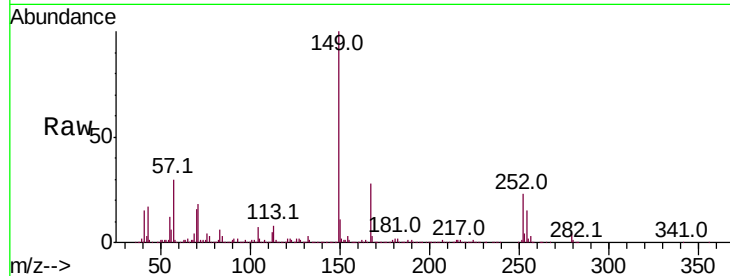




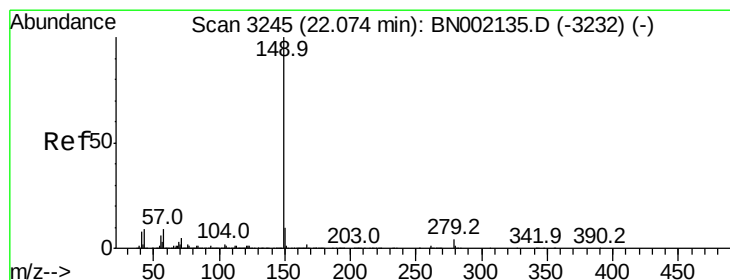
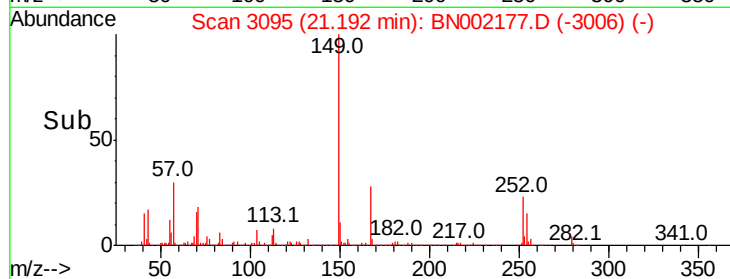
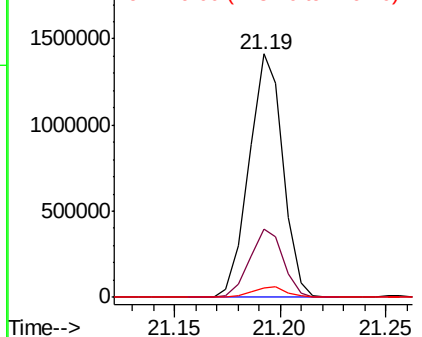
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.917 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 1572664
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.3 36.5
 279 4.0 4.0 6.0

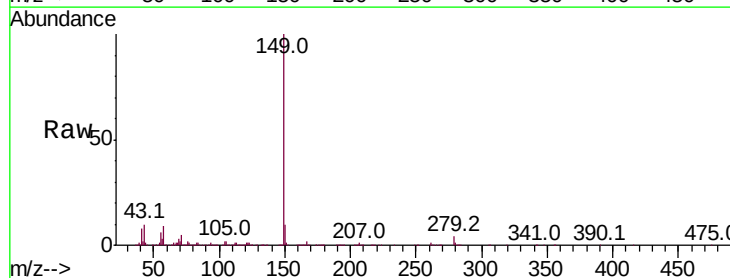


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

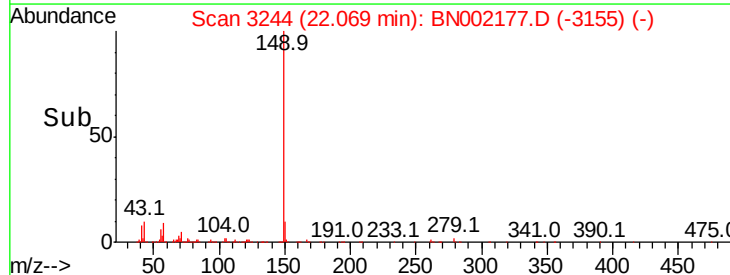
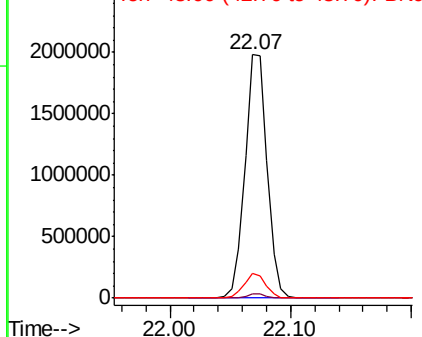


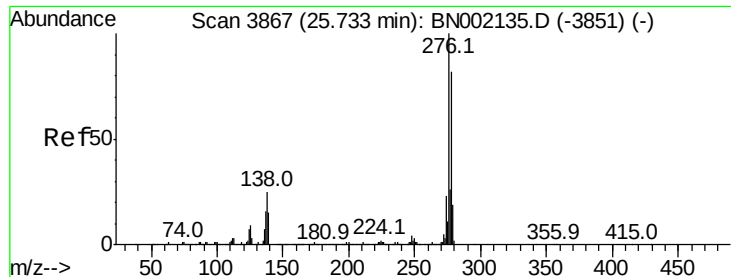
#84
 Di-n-octyl phthalate
 Concen: 54.778 ng
 RT: 22.07 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:149 Resp: 2533435
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 10.0 8.9 13.3



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): BNC





#85

Indeno(1,2,3-cd)pyrene

Concen: 63.681 ng

RT: 25.73 min Scan# 3867

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

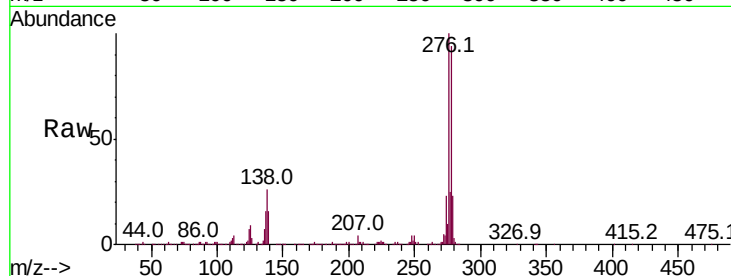
Tot Ion:276 Resp: 2510514

Ion Ratio Lower Upper

276 100

138 25.2 16.0 24.0#

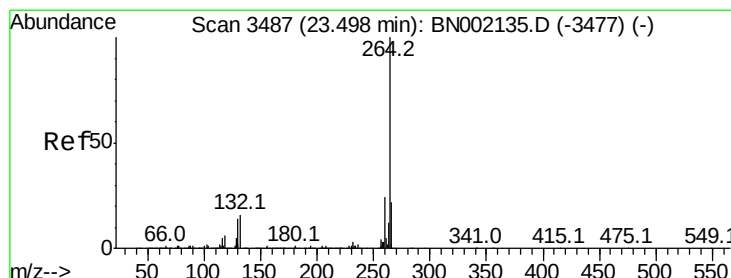
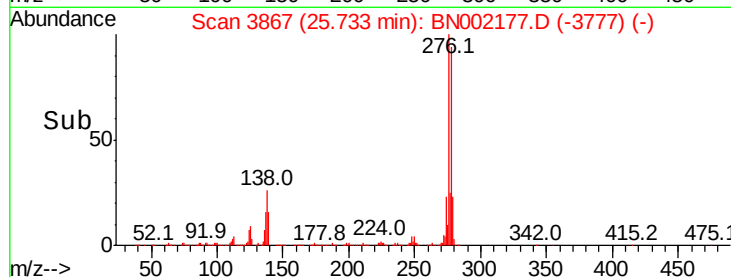
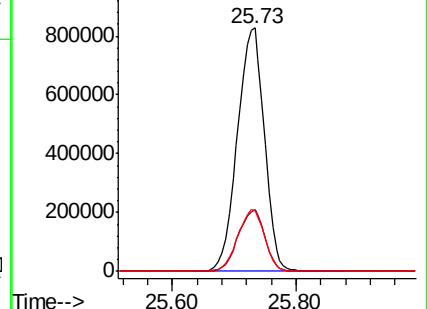
277 25.2 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

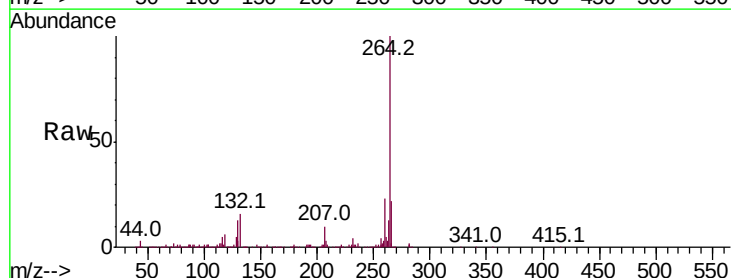
Tgt Ion:264 Resp: 646482

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

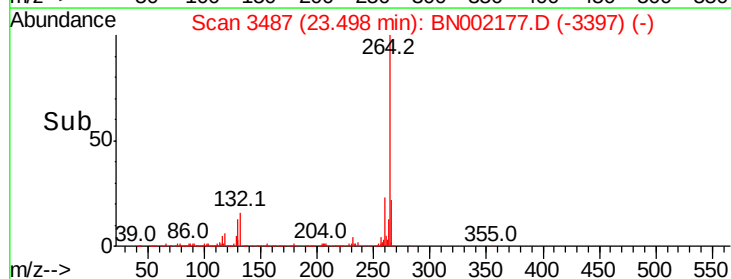
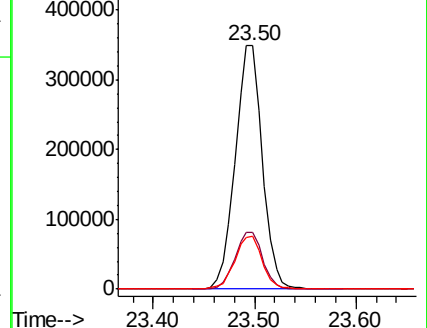
265 21.5 17.7 26.5

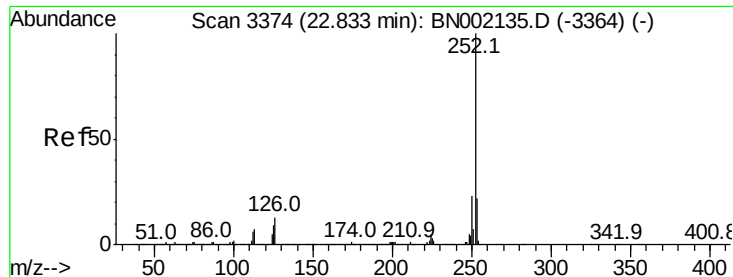


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 54.594 ng

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

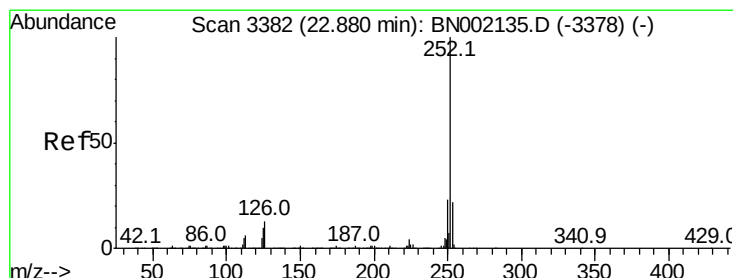
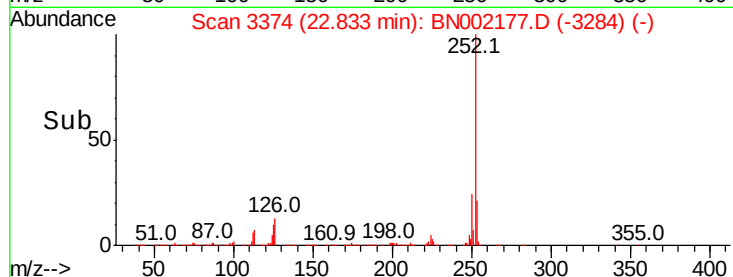
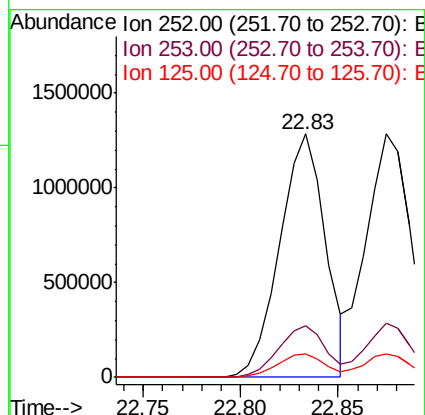
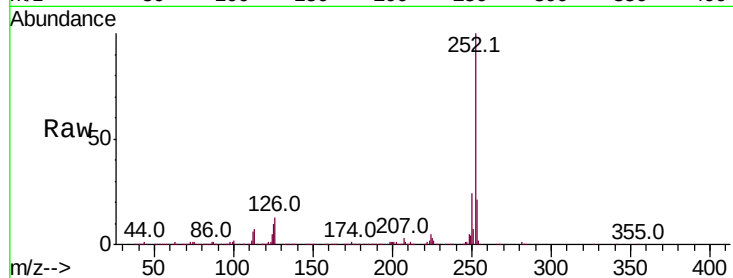
Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 2082967

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	9.7	7.2	10.8



#88

Benzo(k)fluoranthene

Concen: 55.434 ng

RT: 22.83 min Scan# 3374

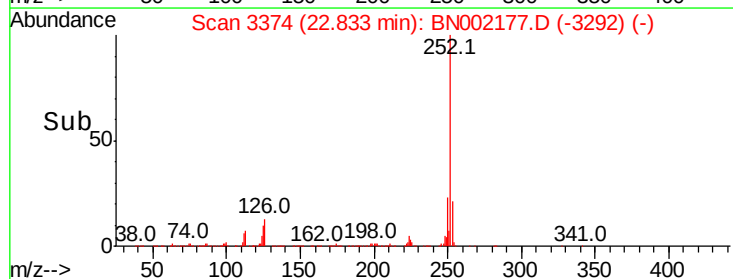
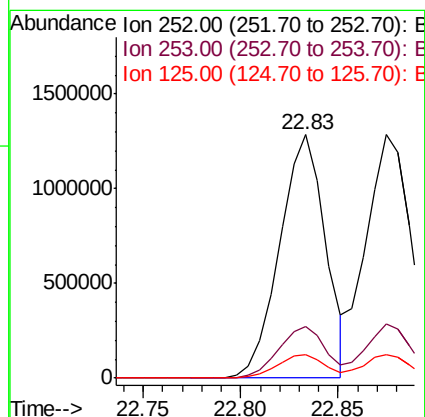
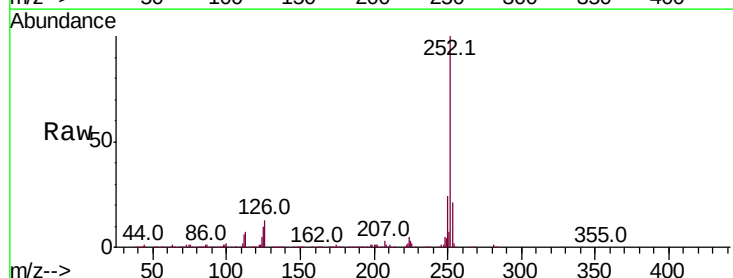
Delta R.T. -0.05 min

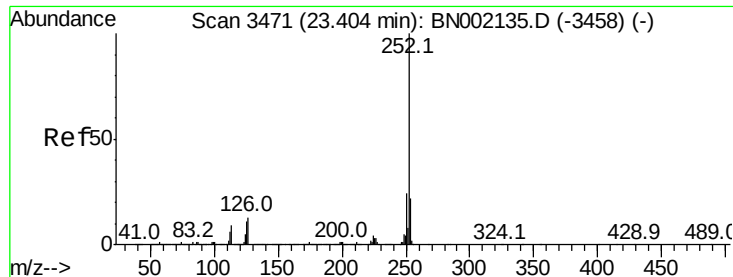
Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:252 Resp: 2082967

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	9.7	6.6	9.8

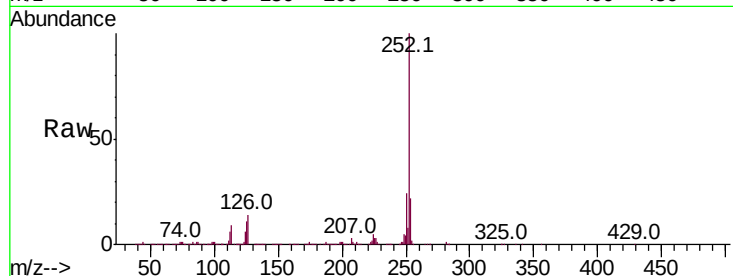




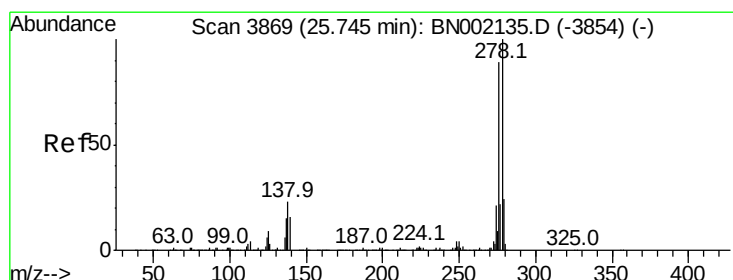
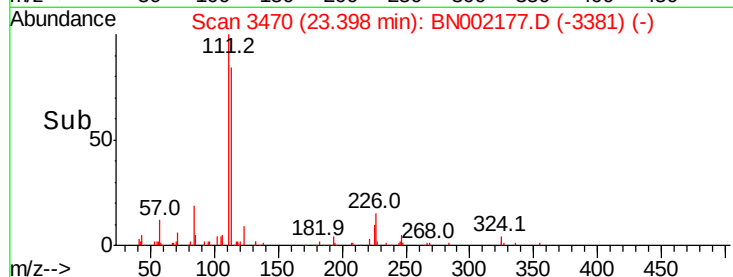
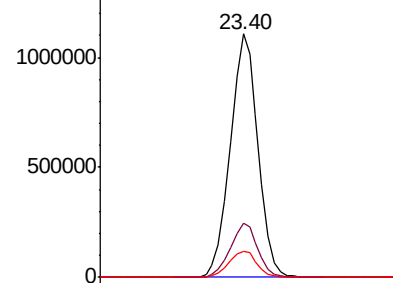
#89
Benzo(a)pyrene
Concen: 56.392 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 2009386
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 10.7 7.3 10.9

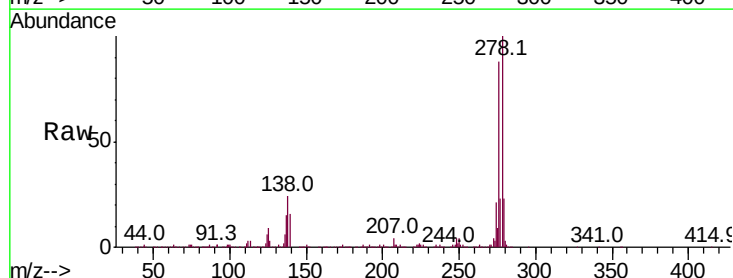


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

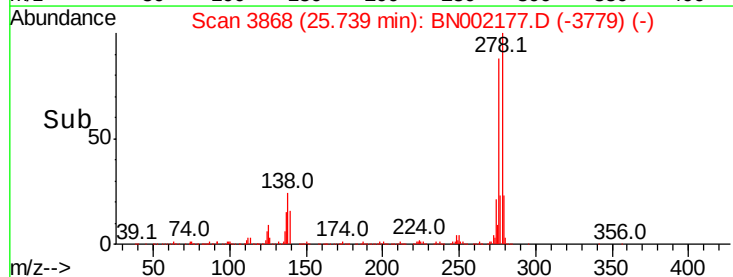
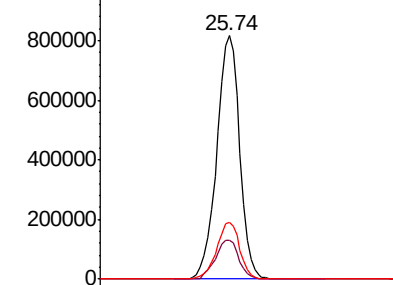


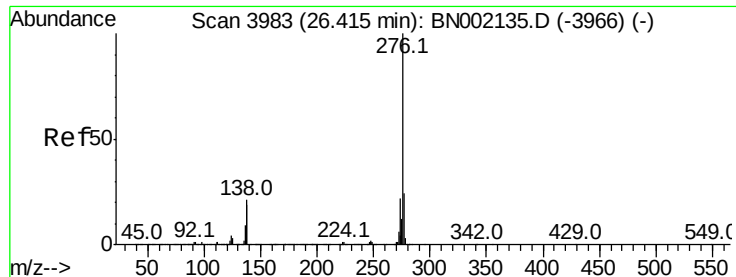
#90
Dibenzo(a,h)anthracene
Concen: 62.754 ng
RT: 25.74 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:278 Resp: 2099359
Ion Ratio Lower Upper
278 100
139 16.1 9.8 14.6#
279 23.4 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 66.323 ng

RT: 26.41 min Scan# 3982

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

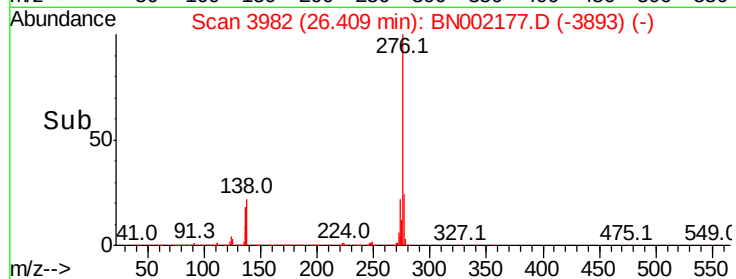
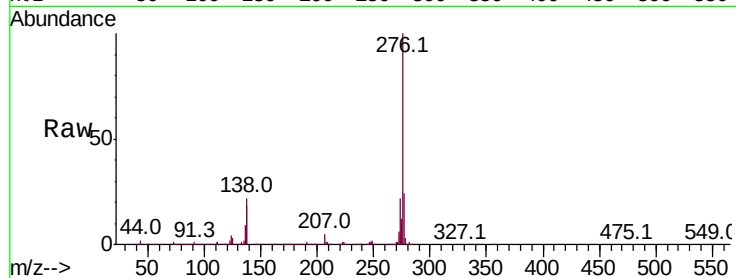
Tot Ion:276 Resp: 2144236

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 22.1 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E
1000000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

