

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004972.D
 Acq On : 26 Mar 2019 12:30
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 26 15:15:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 15:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9415	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	42243	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	25065	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	56816	20.00	ng	0.00
76) Chrysene-d12	21.27	240	58304	20.00	ng	0.00
87) Perylene-d12	23.52	264	53267	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	10915	20.91	ng	0.00
7) Phenol-d6	6.85	99	14466	19.98	ng	0.00
23) Nitrobenzene-d5	8.84	82	14022	20.89	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	8008	21.43	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	39707	21.14	ng	0.00
79) Terphenyl-d14	19.70	244	64149	21.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	2007	9.947	ng	# 93
3) Pyridine	3.60	79	5369	8.901	ng	97
4) n-Nitrosodimethylamine	3.53	42	1427	7.754	ng	# 93
6) Aniline	7.02	93	9176	10.256	ng	99
8) 2-Chlorophenol	7.25	128	6904	10.449	ng	98
9) Benzaldehyde	6.83	77	4676	9.437	ng	97
10) Phenol	6.88	94	7736	9.904	ng	100
11) bis(2-Chloroethyl)ether	7.11	93	6049	9.767	ng	98
12) 1,3-Dichlorobenzene	7.56	146	7723	10.360	ng	100
13) 1,4-Dichlorobenzene	7.71	146	7722	10.135	ng	99
14) 1,2-Dichlorobenzene	8.02	146	7416	10.064	ng	99
15) Benzyl Alcohol	7.92	79	5133	9.513	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	7596	9.564	ng	99
17) 2-Methylphenol	8.12	107	5351	9.928	ng	97
18) Hexachloroethane	8.74	117	2638	10.639	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	4832	9.913	ng	97
20) 3+4-Methylphenols	8.45	107	7227	9.628	ng	99
22) Acetophenone	8.50	105	9680	10.051	ng	98
24) Nitrobenzene	8.88	77	6958	10.103	ng	100
25) Isophorone	9.39	82	14019	12.063	ng	99
26) 2-Nitrophenol	9.59	139	3877	9.902	ng	99
27) 2,4-Dimethylphenol	9.65	122	5871	10.491	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	8709	10.763	ng	99
29) 2,4-Dichlorophenol	10.12	162	6450	9.795	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	7273	9.691	ng	99
31) Naphthalene	10.51	128	22904	11.139	ng	100
32) Benzoic acid	9.75	122	2906	10.253	ng	97
33) 4-Chloroaniline	10.63	127	9155	9.979	ng	99
34) Hexachlorobutadiene	10.77	225	4725	10.514	ng	98
35) Caprolactam	11.40	113	1838	7.916	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	7207	10.332	ng	100
37) 2-Methylnaphthalene	12.13	142	16349	11.133	ng	99
38) 1-Methylnaphthalene	12.35	142	16171	11.368	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	8907	9.886	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	3367	11.652	ng	96
43) 2,4,6-Trichlorophenol	12.75	196	5181	9.261	ng	98
44) 2,4,5-Trichlorophenol	12.83	196	5599	9.382	ng	99
46) 1,1'-Biphenyl	13.15	154	21708	9.778	ng	99
47) 2-Chloronaphthalene	13.19	162	16633	9.958	ng	99
48) 2-Nitroaniline	13.42	65	4118	9.895	ng	97
49) Acenaphthylene	14.05	152	28325	11.495	ng	99
50) Dimethylphthalate	13.78	163	21625	11.013	ng	100
51) 2,6-Dinitrotoluene	13.92	165	4726	10.311	ng	98
52) Acenaphthene	14.39	154	16068	10.752	ng	100
53) 3-Nitroaniline	14.25	138	4710	9.612	ng	99
54) 2,4-Dinitrophenol	14.46	184	1598	13.567	ng	98
55) Dibenzofuran	14.72	168	25835	10.495	ng	99
56) 4-Nitrophenol	14.57	139	3027	8.085	ng	98
57) 2,4-Dinitrotoluene	14.70	165	6355	10.258	ng	# 99
58) Fluorene	15.37	166	21169	11.637	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	5250	9.747	ng	# 99
60) Diethylphthalate	15.15	149	21896	10.539	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	10760	10.048	ng	99
62) 4-Nitroaniline	15.42	138	4712	9.583	ng	99
63) Azobenzene	15.66	77	17891	10.550	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	3135	12.143	ng	94
66) n-Nitrosodiphenylamine	15.59	169	18411	10.231	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	7116	9.930	ng	97
68) Hexachlorobenzene	16.37	284	8456	10.138	ng	99
69) Atrazine	16.54	200	6655	9.886	ng	99
70) Pentachlorophenol	16.73	266	3107	5.589	ng	100
71) Phenanthrene	17.12	178	33417	11.259	ng	99
72) Anthracene	17.20	178	33036	11.387	ng	100
73) Carbazole	17.49	167	30461	10.698	ng	99
74) Di-n-butylphthalate	18.03	149	37249	11.087	ng	99
75) Fluoranthene	19.14	202	38972	12.180	ng	99
77) Benzidine	19.33	184	19490	9.666	ng	99
78) Pyrene	19.50	202	40351	10.253	ng	99
80) Butylbenzylphthalate	20.40	149	16356	9.697	ng	100
81) Benzo(a)anthracene	21.26	228	38009	11.460	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	14685	10.624	ng	99
83) Chrysene	21.31	228	36290	11.441	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	22543	9.216	ng	100
85) Di-n-octyl phthalate	22.05	149	35421	9.750	ng	97
86) Indeno(1,2,3-cd)pyrene	25.77	276	35231	10.521	ng	99
88) Benzo(b)fluoranthene	22.84	252	34935	11.780	ng	99
89) Benzo(k)fluoranthene	22.89	252	31373	10.631	ng	99
90) Benzo(a)pyrene	23.42	252	31056	11.302	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	29035	10.377	ng	99
92) Benzo(g,h,i)perylene	26.47	276	28399	10.437	ng	98

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

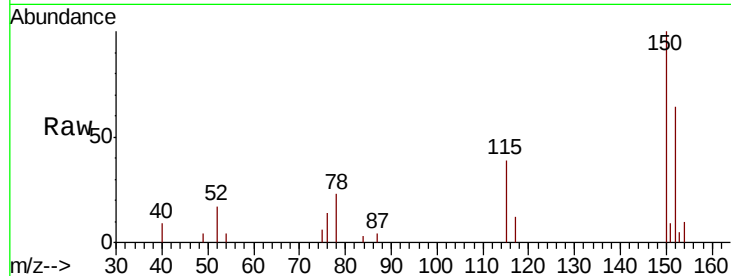


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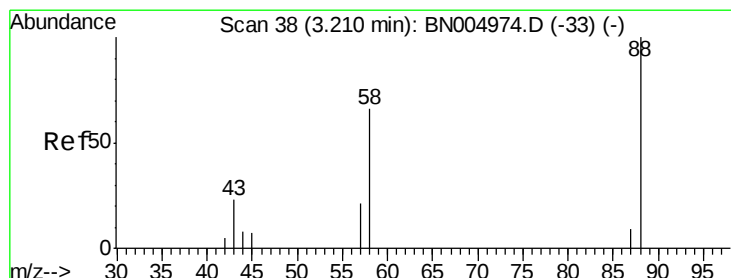
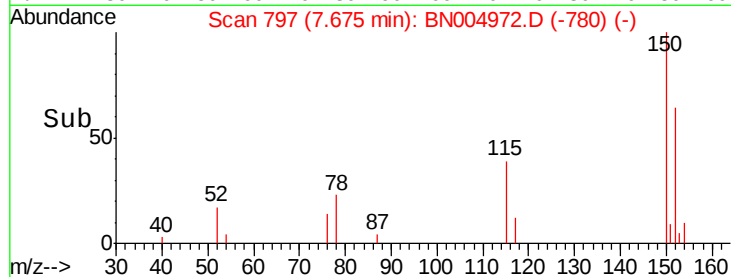
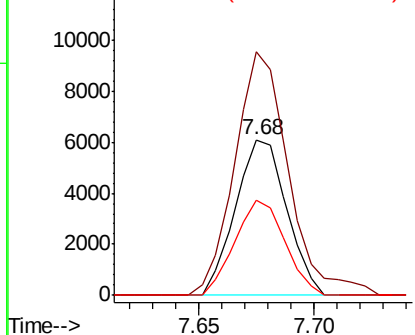
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9415
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 61.2 47.8 71.6



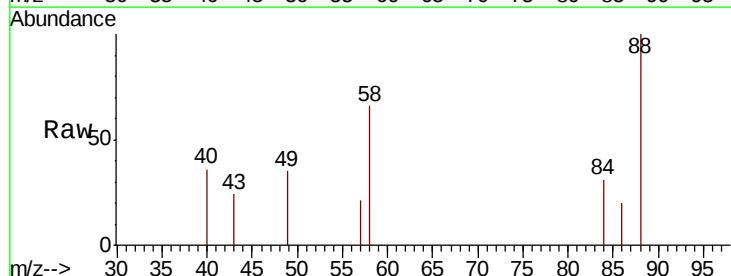
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



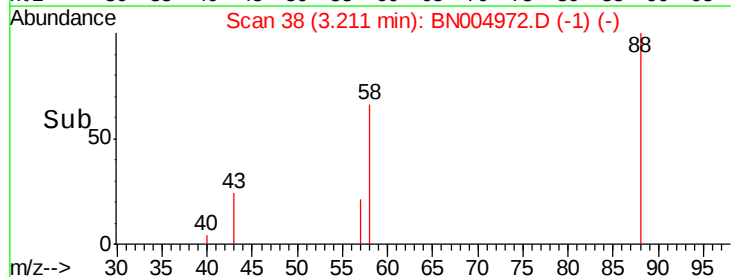
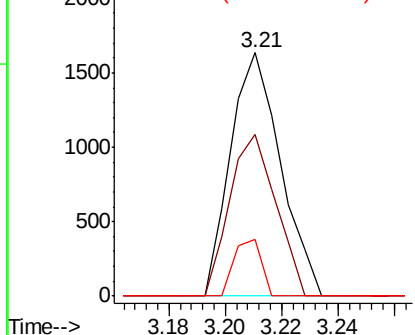
#2

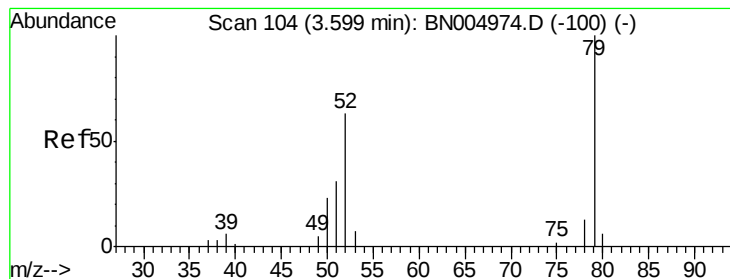
1,4-Dioxane
Concen: 9.947 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion: 88 Resp: 2007
Ion Ratio Lower Upper
88 100
58 61.3 51.0 76.6
43 12.7 16.7 25.1#



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: 8.901 ng

RT: 3.60 min Scan# 105

Delta R.T. 0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

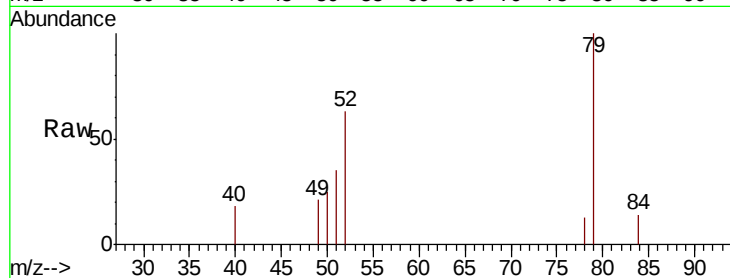
Tot Ion: 79 Resp: 5369

Ion Ratio Lower Upper

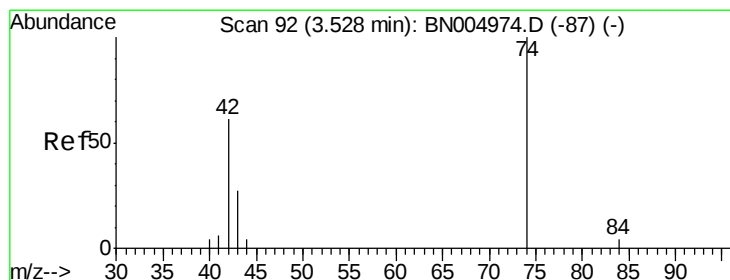
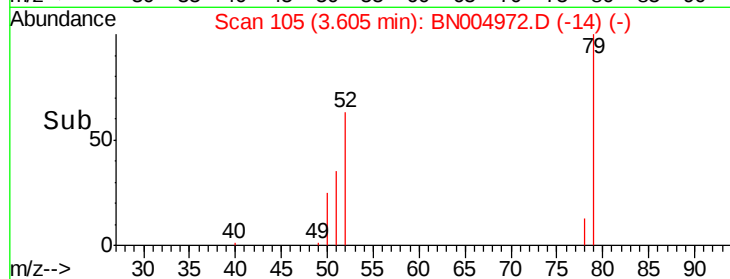
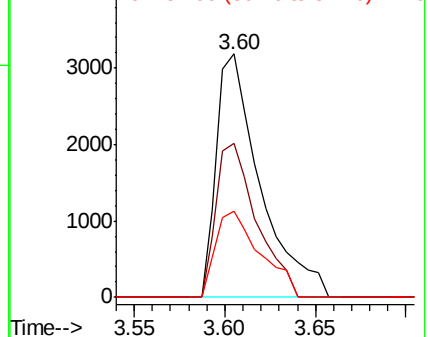
79 100

52 63.1 50.2 75.4

51 35.5 25.0 37.4



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



#4

n-Nitrosodimethylamine

Concen: 7.754 ng

RT: 3.53 min Scan# 92

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

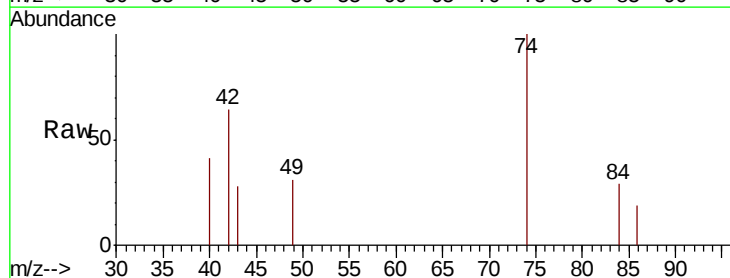
Tgt Ion: 42 Resp: 1427

Ion Ratio Lower Upper

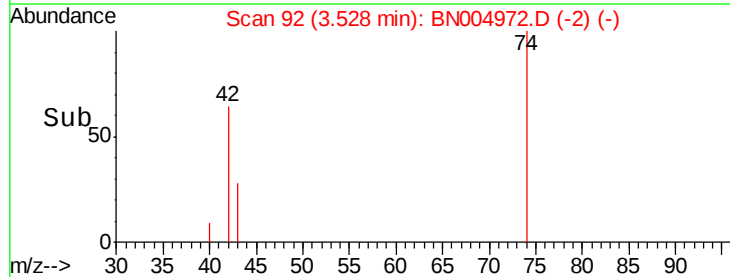
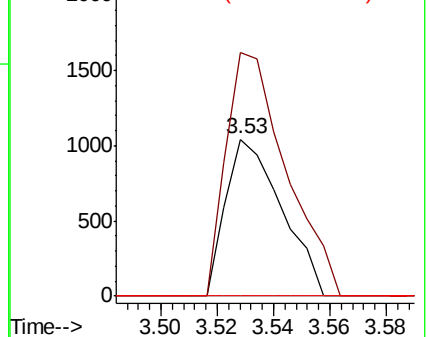
42 100

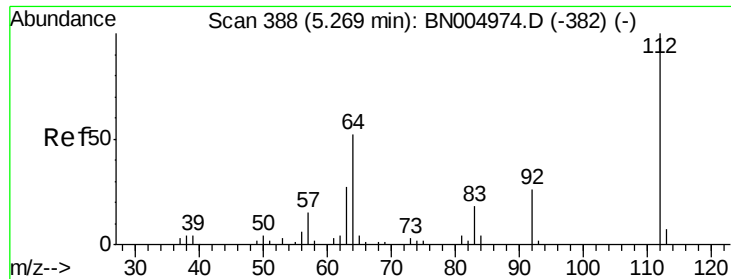
74 155.4 130.8 196.2

44 0.0 5.7 8.5#



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





#5

2-Fluorophenol

Concen: 20.909 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

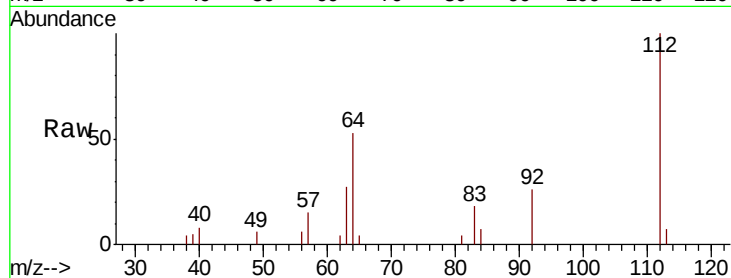
Tot Ion:112 Resp: 10915

Ion Ratio Lower Upper

112 100

64 53.1 41.9 62.9

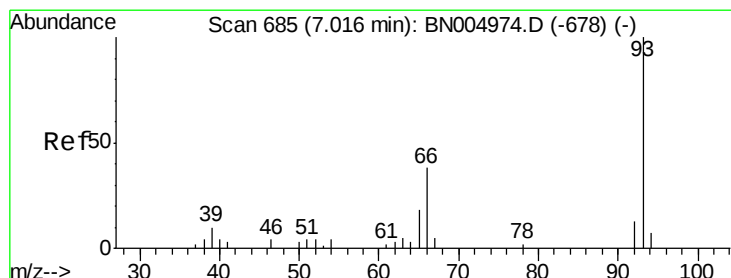
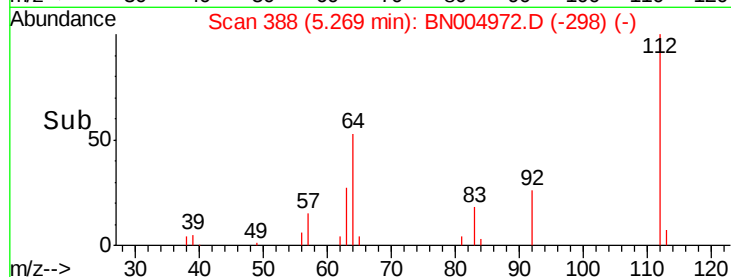
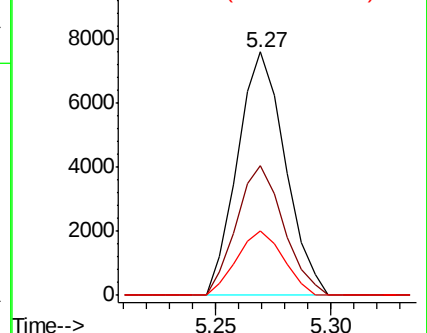
63 26.6 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 10.256 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

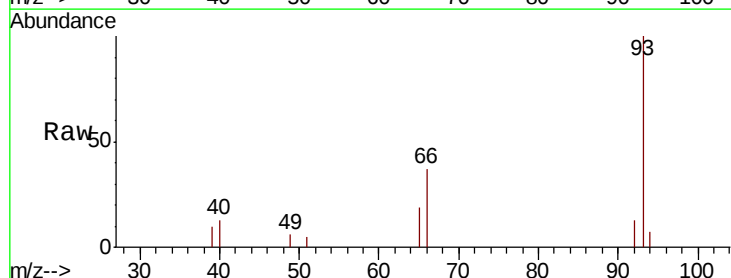
Tgt Ion: 93 Resp: 9176

Ion Ratio Lower Upper

93 100

66 37.1 30.2 45.4

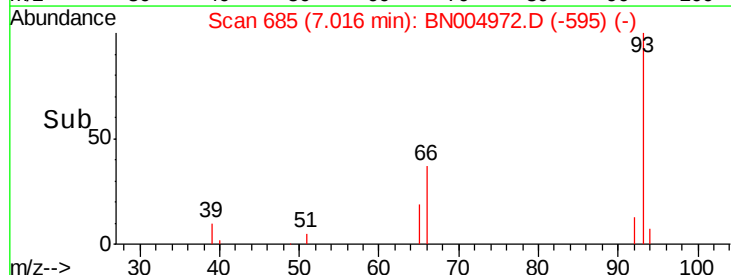
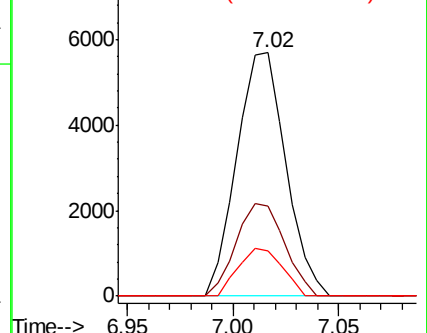
65 18.7 14.7 22.1

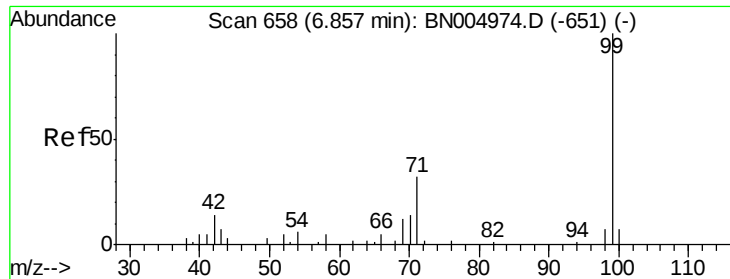


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 19.981 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampled :

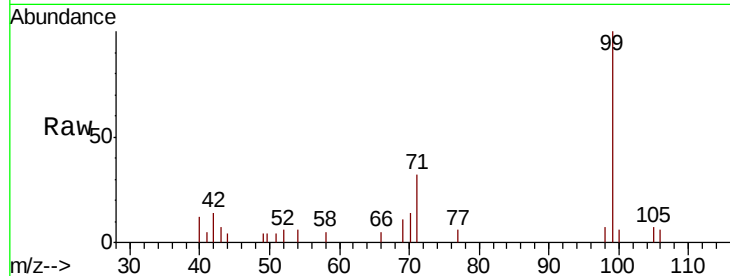
Tot Ion: 99 Resp: 14466

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

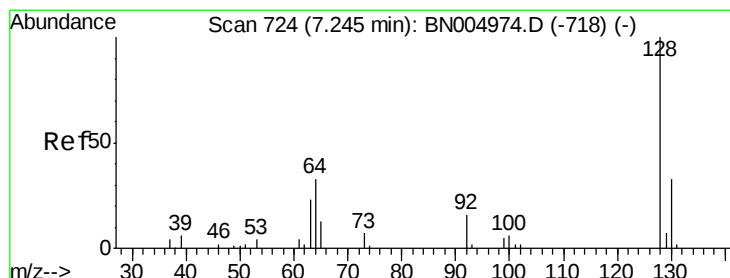
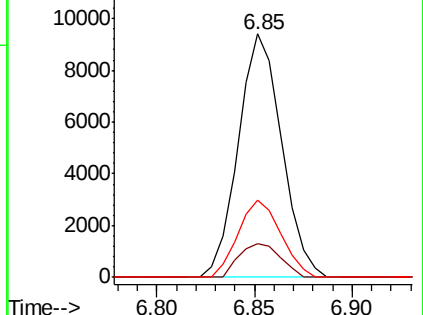
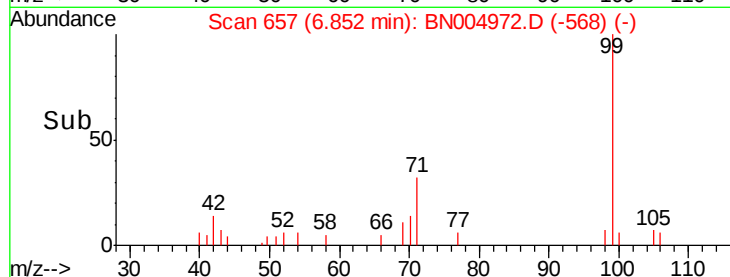
71 31.7 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004972.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004972.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004972.D (-651) (-)



#8

2-Chlorophenol

Concen: 10.449 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

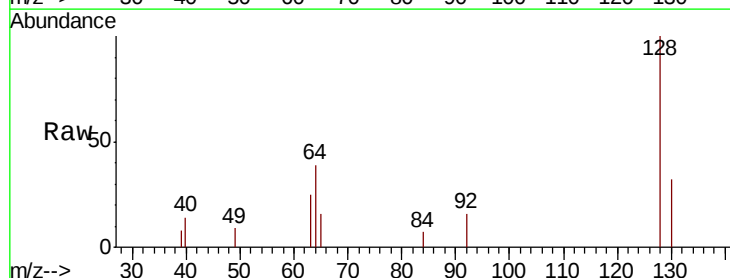
Tgt Ion: 128 Resp: 6904

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

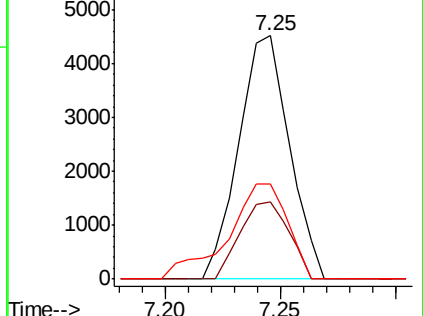
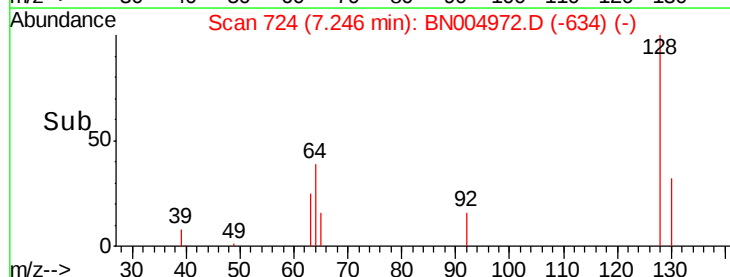
64 39.0 19.9 59.9

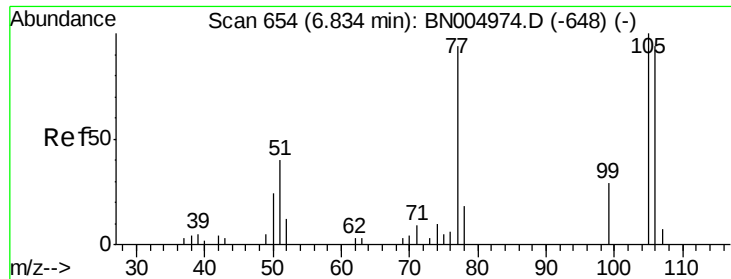


Abundance Ion 128.00 (127.70 to 128.70): BN004972.D (-634) (-)

Ion 130.00 (129.70 to 130.70): BN004972.D (-634) (-)

Ion 64.00 (63.70 to 64.70): BN004972.D (-634) (-)

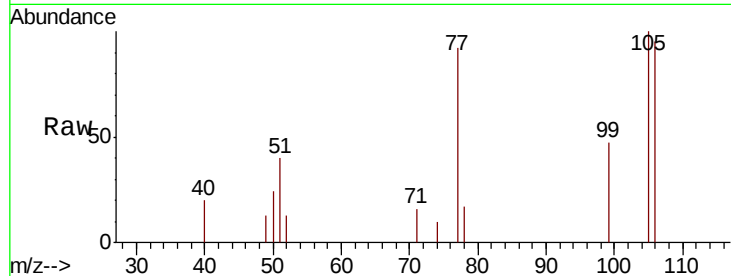




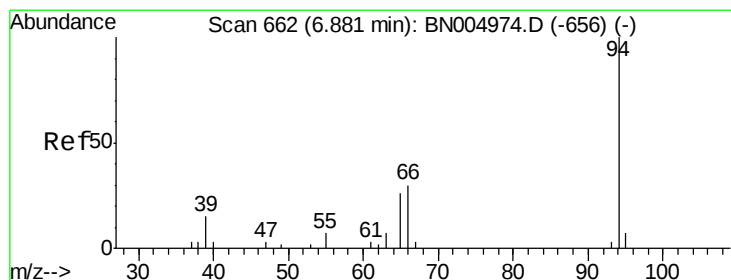
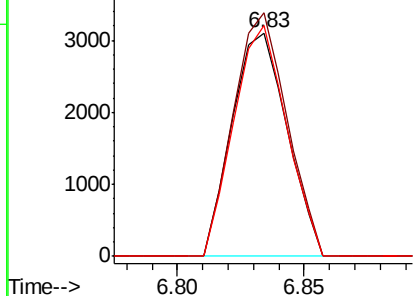
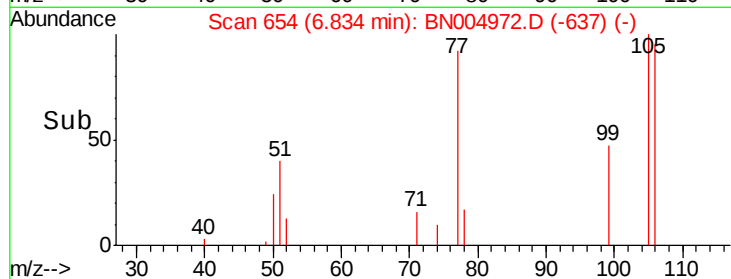
#9
Benzaldehyde
Concen: 9.437 ng
RT: 6.83 min Scan# 654
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 4676
Ion Ratio Lower Upper
77 100
105 109.1 86.1 126.1
106 103.2 79.9 119.9

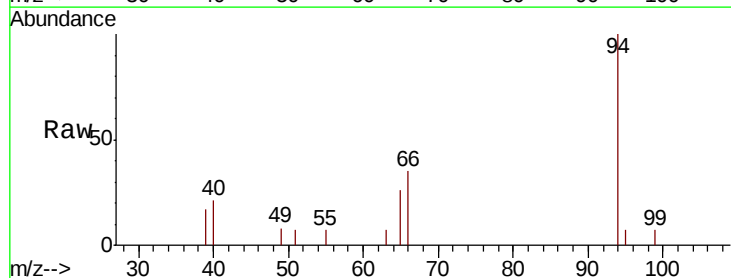


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC

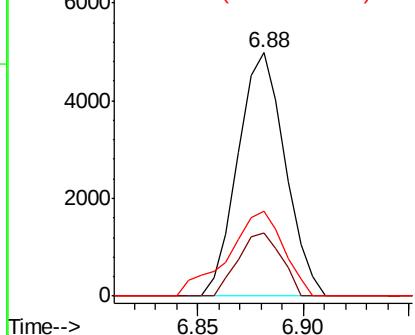
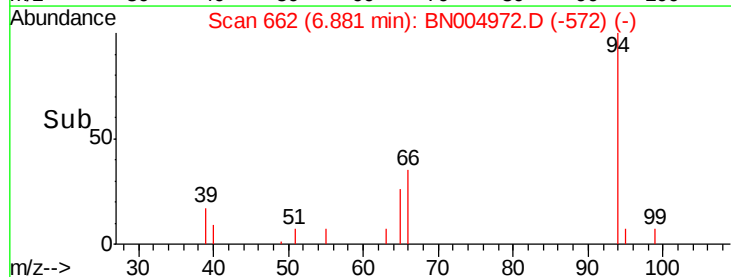


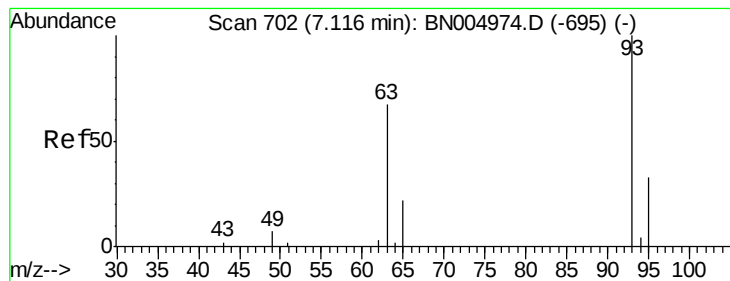
#10
Phenol
Concen: 9.904 ng
RT: 6.88 min Scan# 662
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion: 94 Resp: 7736
Ion Ratio Lower Upper
94 100
65 25.9 5.7 45.7
66 34.8 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC

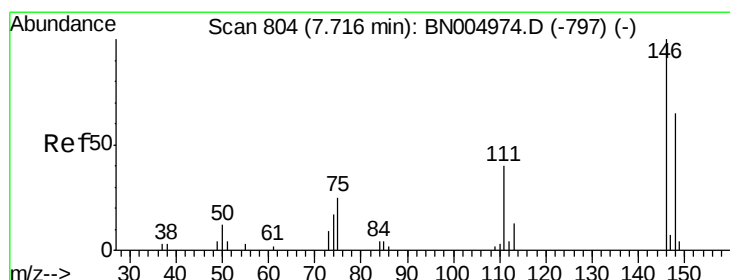
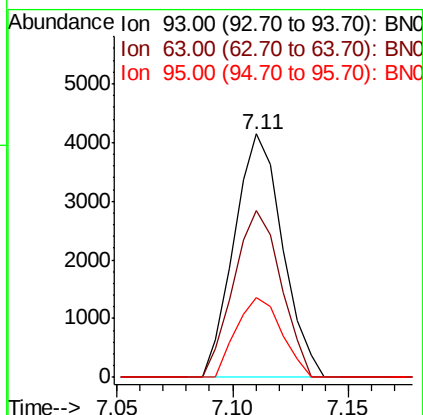
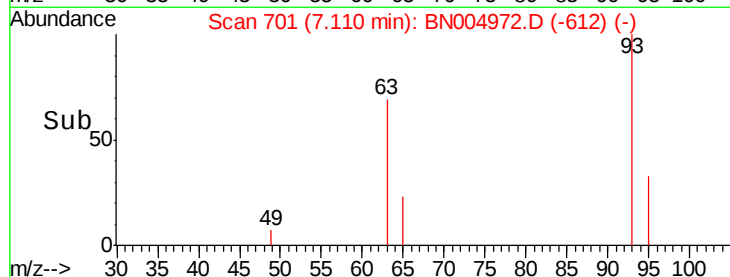
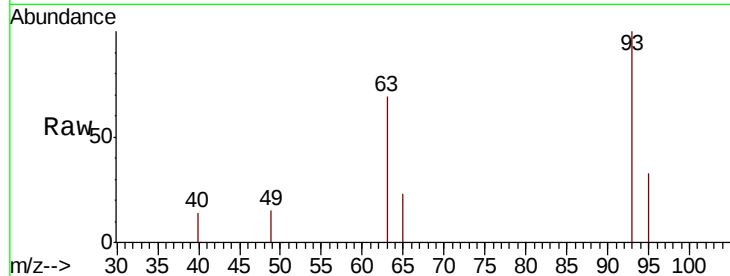




#11
bis(2-Chloroethyl)ether
Concen: 9.767 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

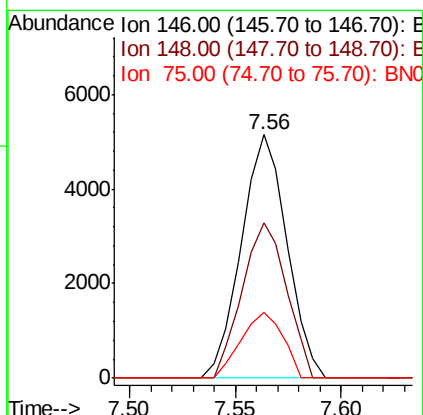
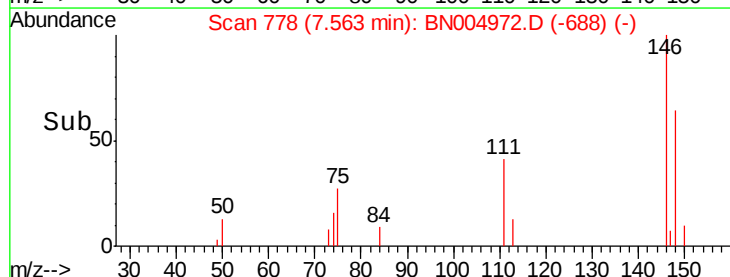
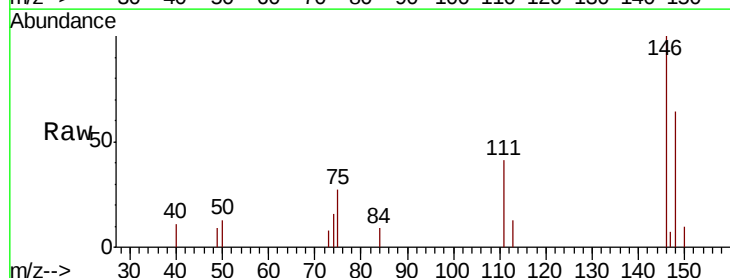
Instrument :
BNA_N
ClientSampleId :

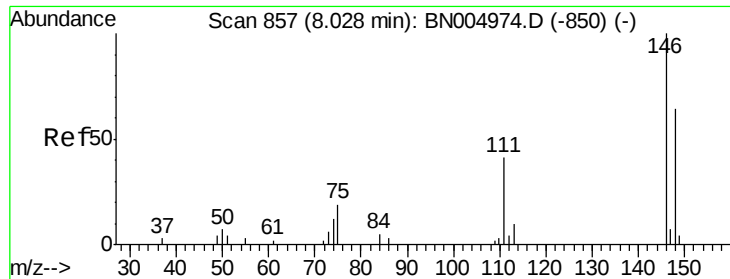
Tot Ion: 93 Resp: 6049
Ion Ratio Lower Upper
93 100
63 68.7 47.0 87.0
95 33.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 10.360 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion: 146 Resp: 7723
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 26.9 21.5 32.3

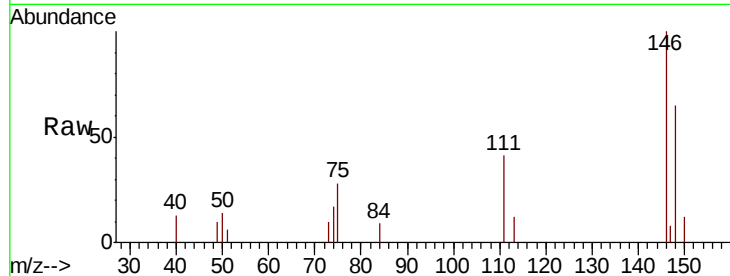




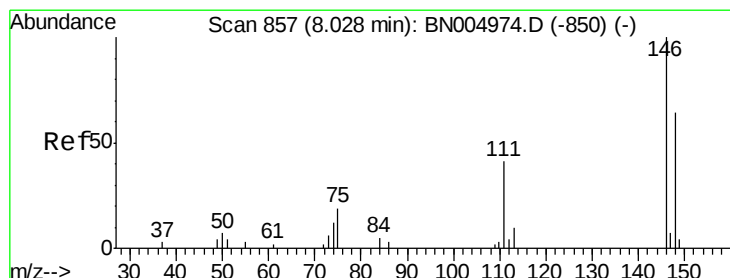
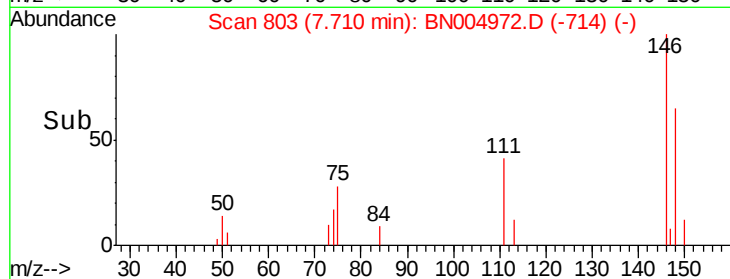
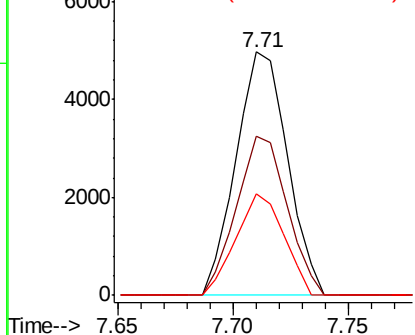
#13
 1,4-Dichlorobenzene
 Concen: 10.135 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 7722
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.0 78.0
 111 41.4 31.7 47.5

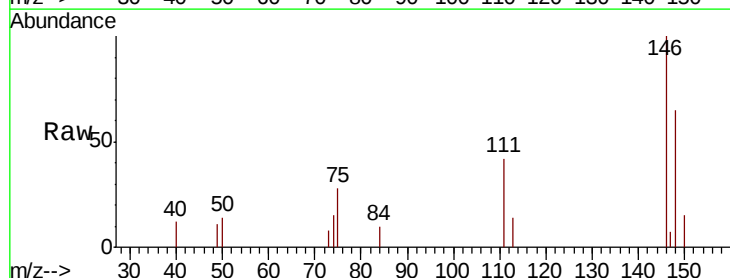


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

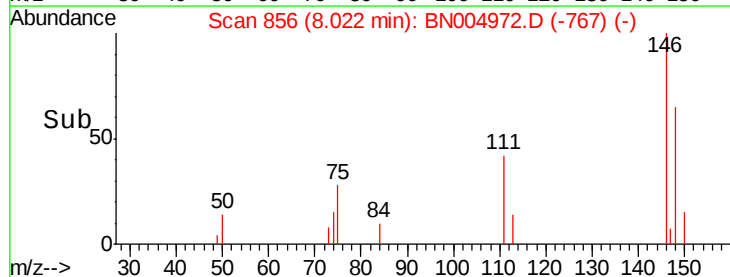
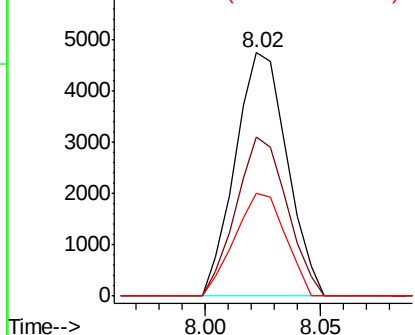


#14
 1,2-Dichlorobenzene
 Concen: 10.064 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:146 Resp: 7416
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.2
 111 42.0 32.6 49.0



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: 9.513 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

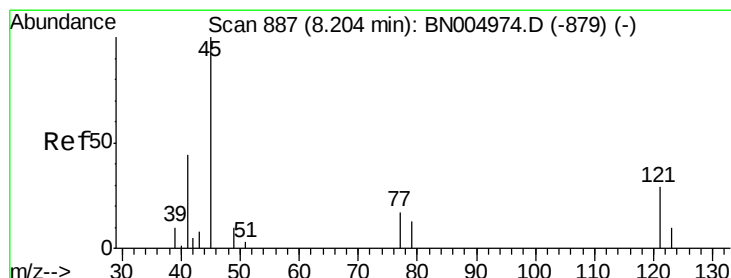
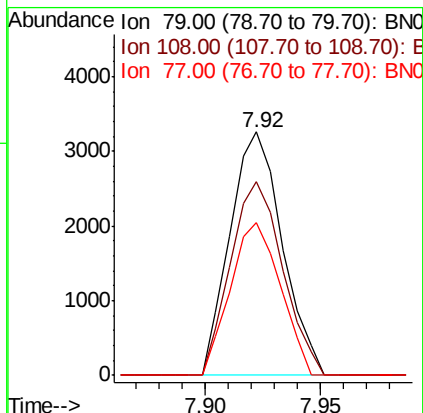
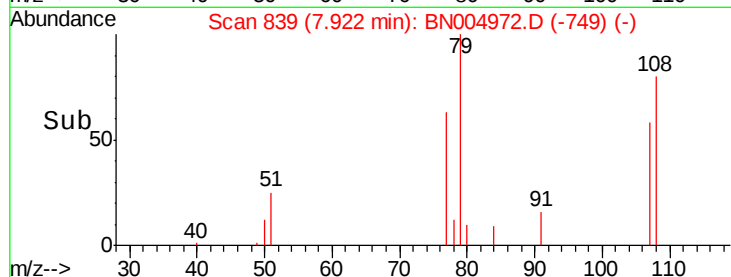
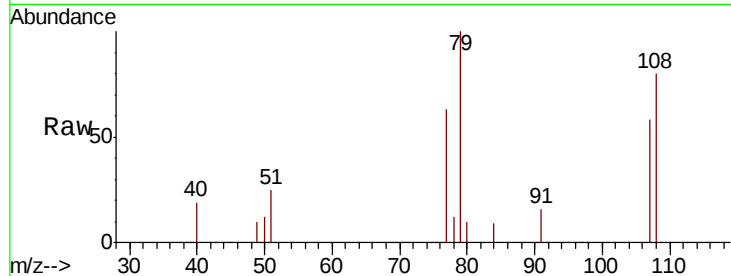
Tot Ion: 79 Resp: 5133

Ion Ratio Lower Upper

79 100

108 79.5 64.0 96.0

77 62.8 48.8 73.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.564 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

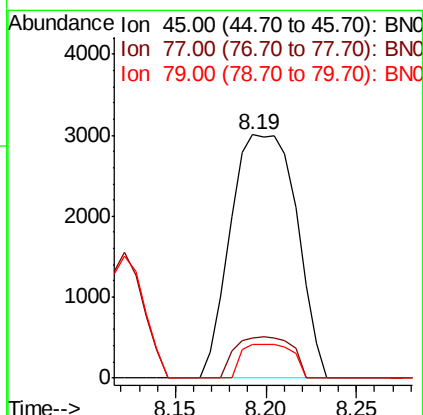
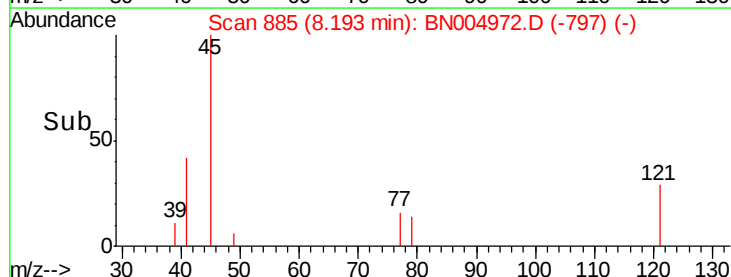
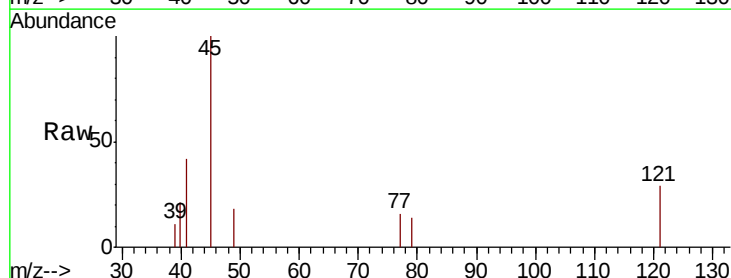
Tgt Ion: 45 Resp: 7596

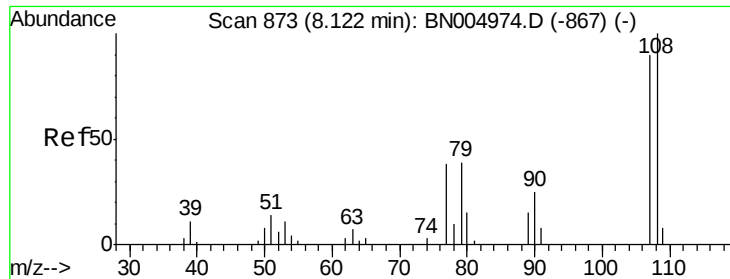
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.9

79 13.7 0.0 33.3

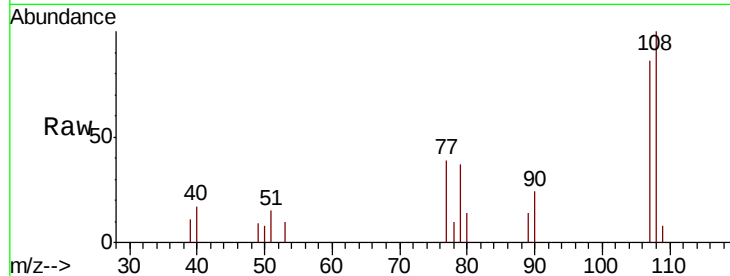




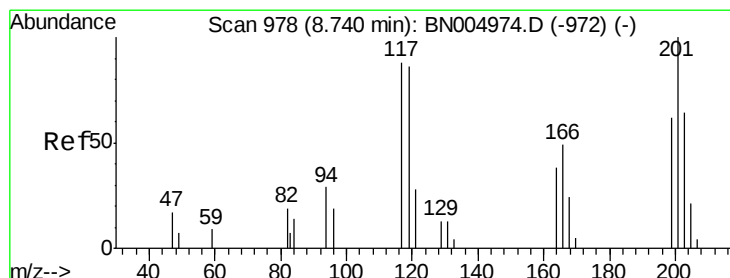
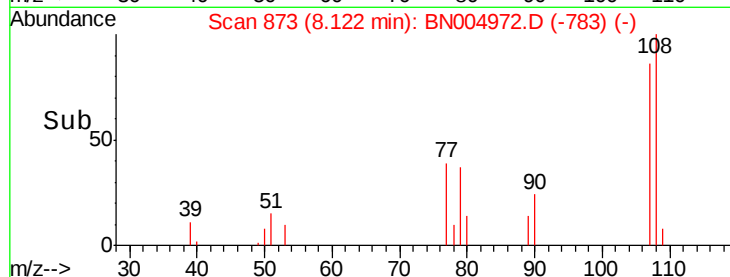
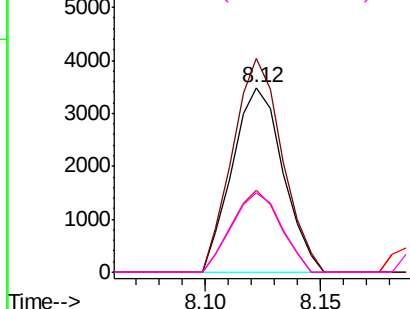
#17
2-Methylphenol
Concen: 9.928 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:107 Resp: 5351
Ion Ratio Lower Upper
107 100
108 115.6 88.8 133.2
77 44.7 34.2 51.2
79 43.3 34.8 52.2

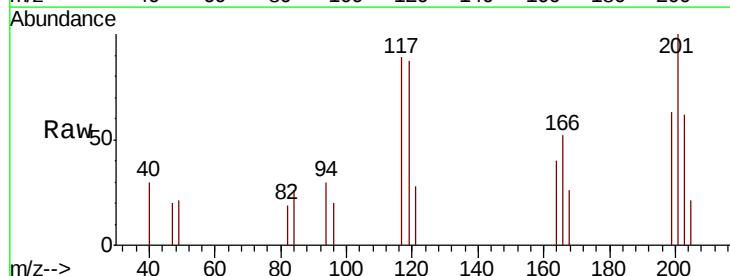


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

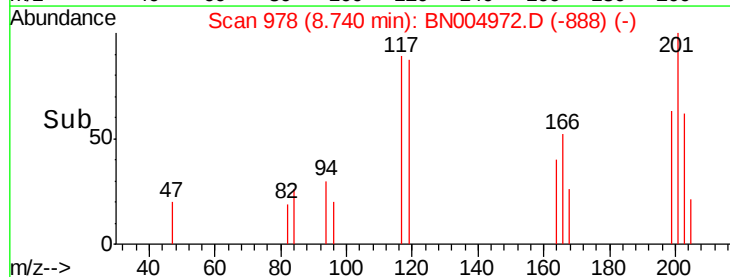
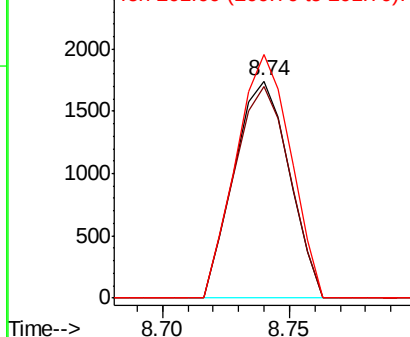


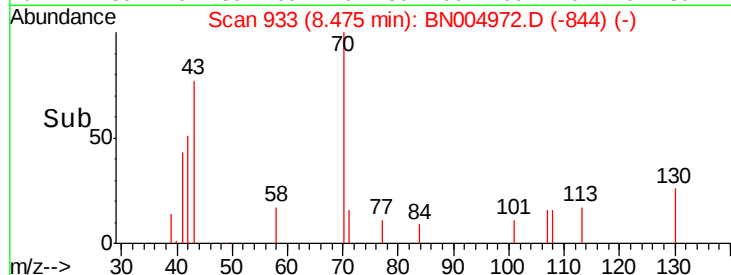
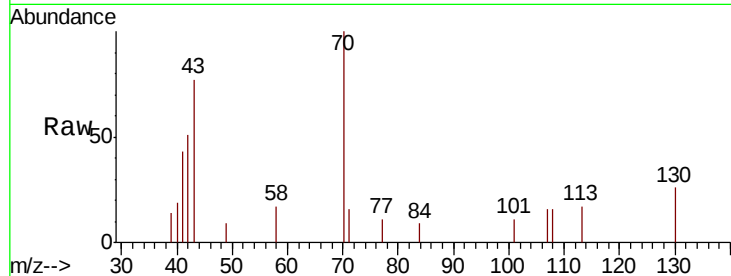
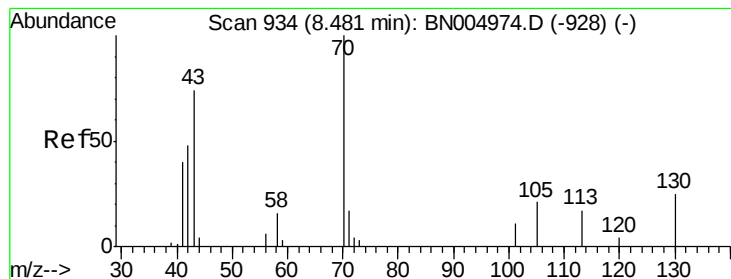
#18
Hexachloroethane
Concen: 10.639 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:117 Resp: 2638
Ion Ratio Lower Upper
117 100
119 97.9 77.5 116.3
201 112.4 90.5 135.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 9.913 ng

RT: 8.48 min Scan# 933

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 4832

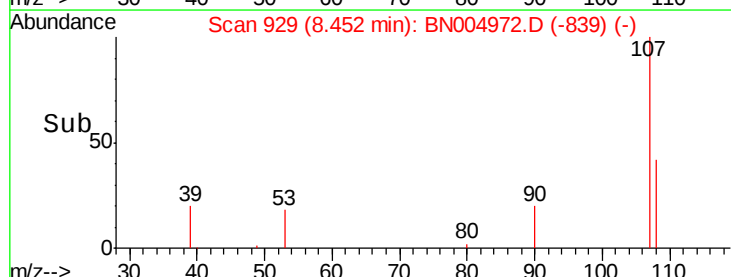
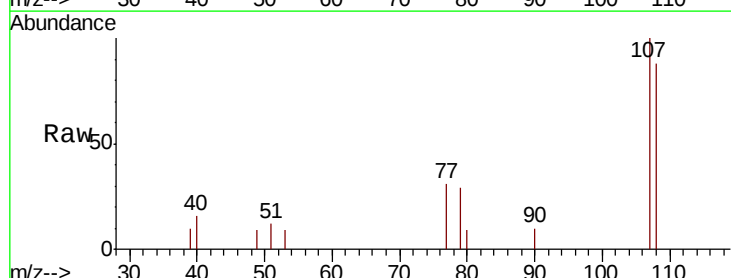
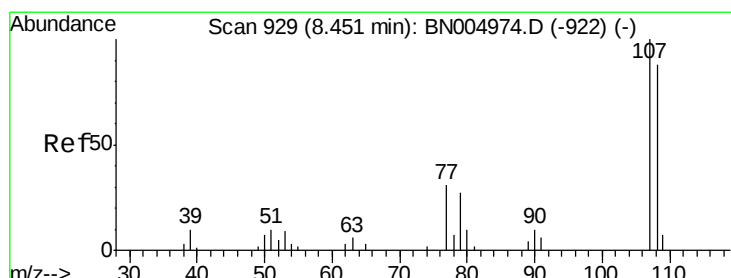
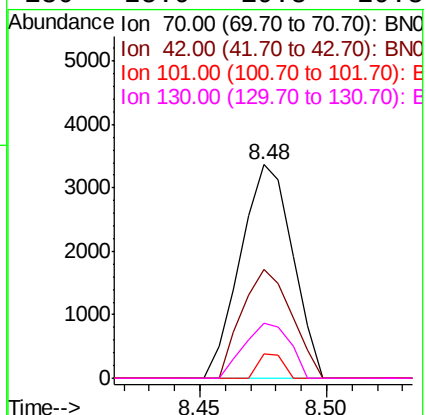
Ion Ratio Lower Upper

70 100

42 51.1 38.4 57.6

101 11.3 8.8 13.2

130 25.9 19.8 29.8



#20

3+4-Methylphenols

Concen: 9.628 ng

RT: 8.45 min Scan# 929

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Tgt Ion: 107 Resp: 7227

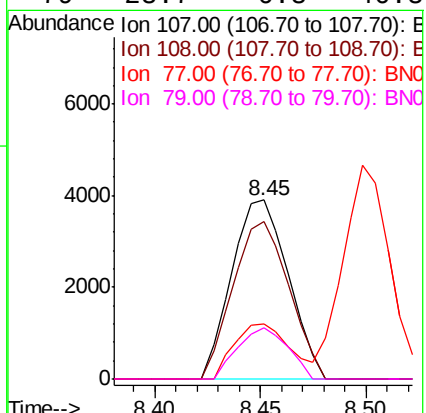
Ion Ratio Lower Upper

107 100

108 87.9 67.9 107.9

77 31.0 10.6 50.6

79 28.7 6.8 46.8

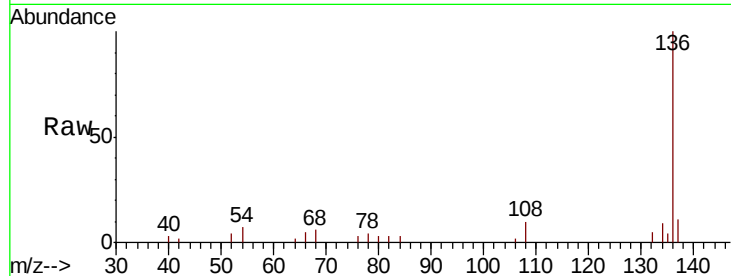




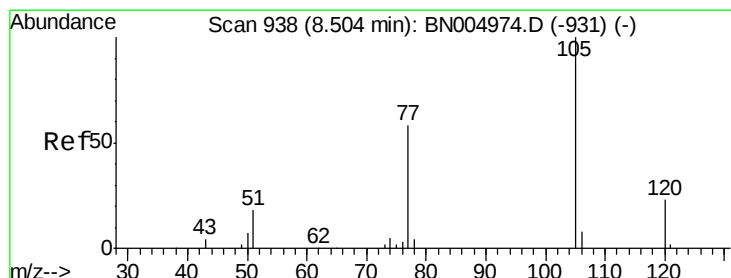
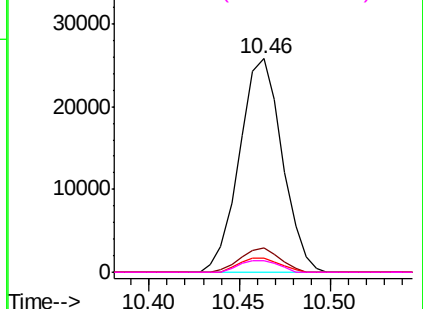
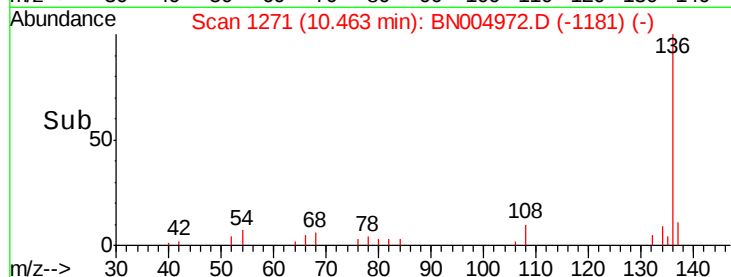
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	42243
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.8	5.3 7.9
68	5.6	4.6 6.8

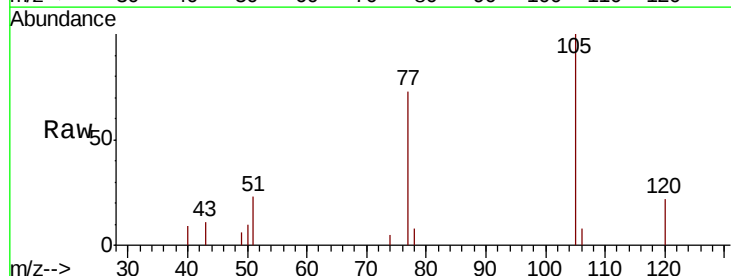


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

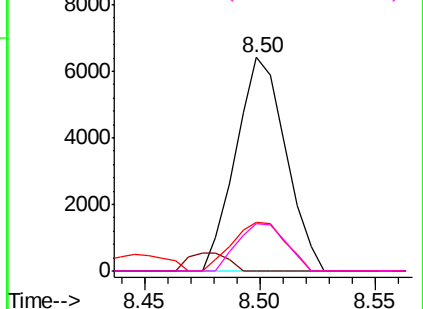
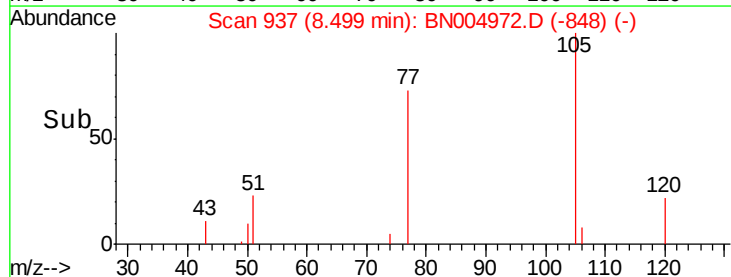


#22
Acetophenone
Concen: 10.051 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:105	Resp:	9680
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	23.0	17.8 26.8
120	22.2	18.6 27.8



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

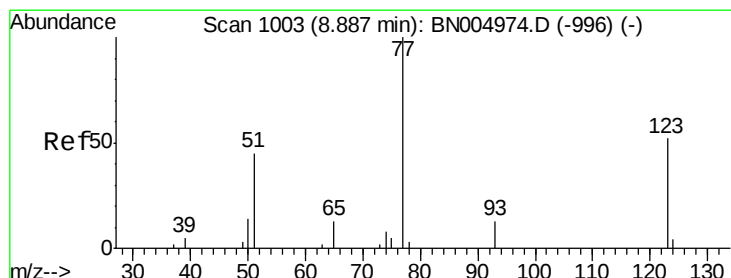
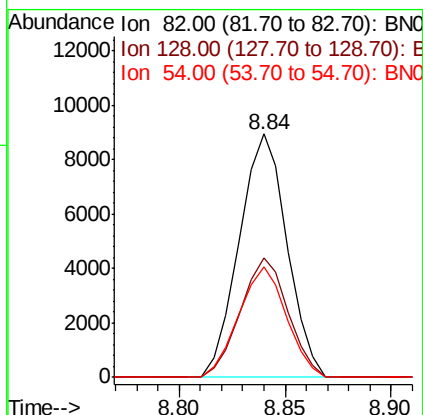
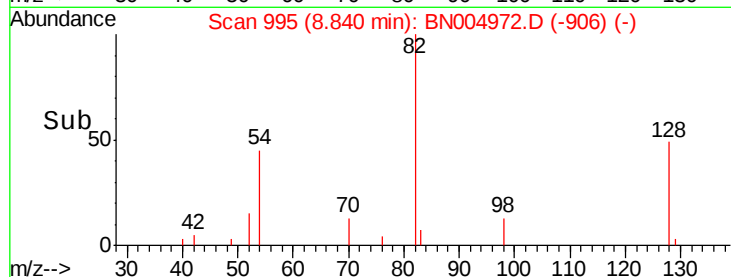
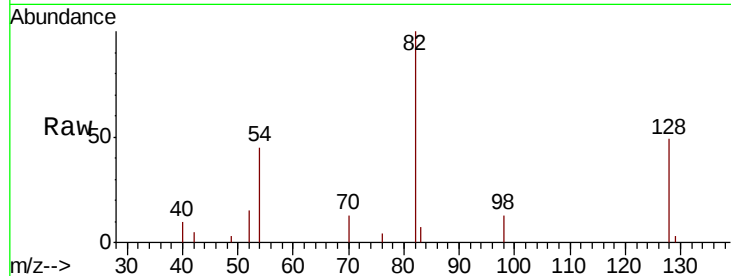




#23
Nitrobenzene-d5
Concen: 20.894 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

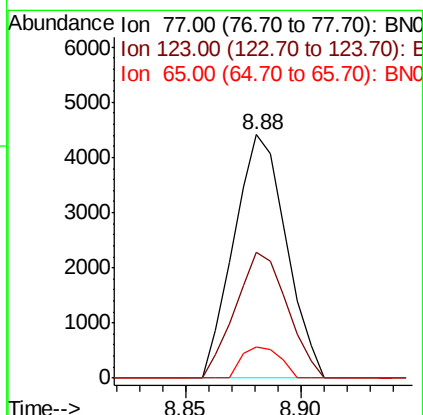
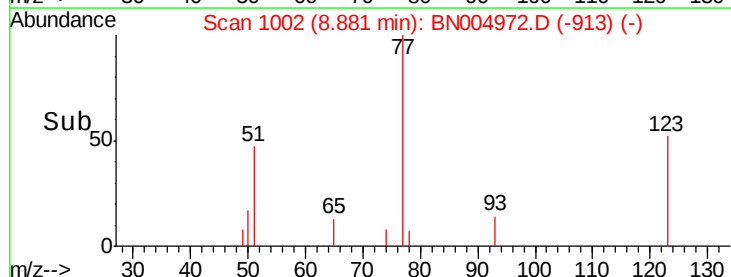
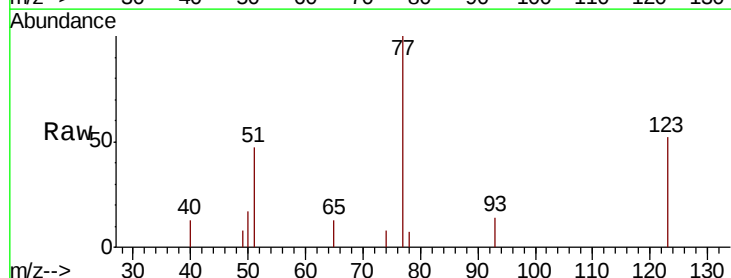
Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 14022
Ion Ratio Lower Upper
82 100
128 49.3 40.6 60.8
54 45.2 35.2 52.8



#24
Nitrobenzene
Concen: 10.103 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion: 77 Resp: 6958
Ion Ratio Lower Upper
77 100
123 51.5 41.3 61.9
65 12.9 10.3 15.5





#25

Isophorone

Concen: 12.063 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

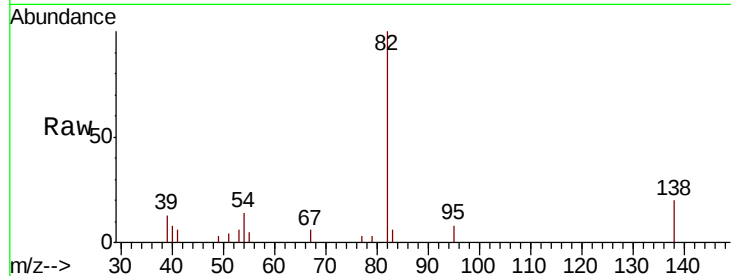
Tot Ion: 82 Resp: 14019

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

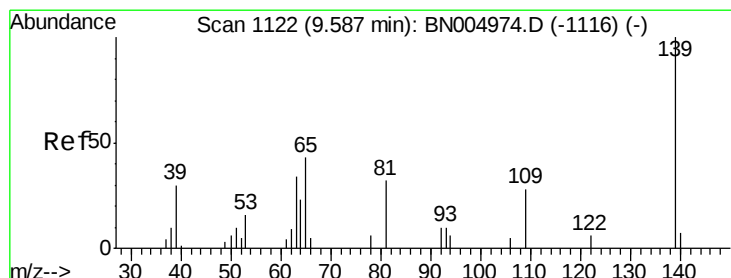
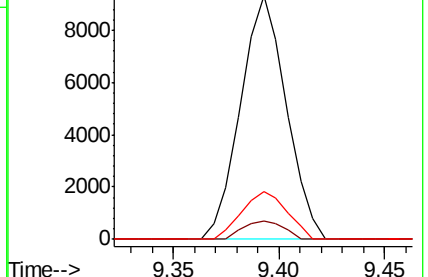
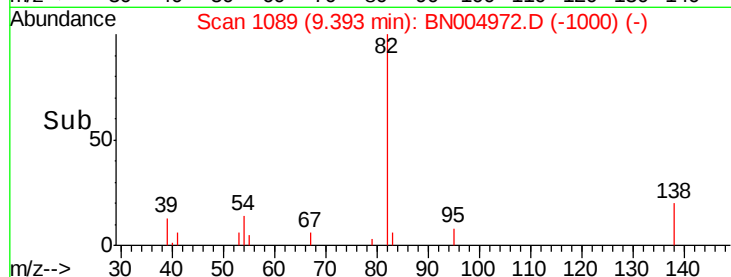
138 19.7 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BN004972.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BN004972.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BN004972.D (-1083) (-)



#26

2-Nitrophenol

Concen: 9.902 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

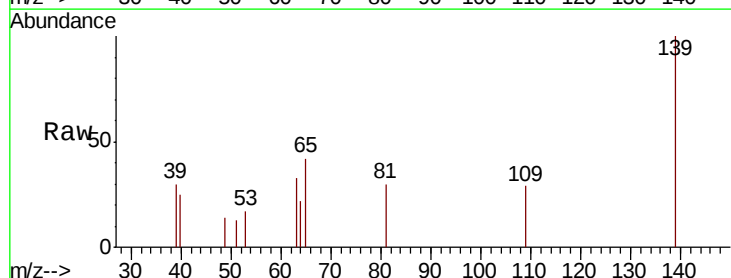
Tgt Ion: 139 Resp: 3877

Ion Ratio Lower Upper

139 100

109 28.7 22.5 33.7

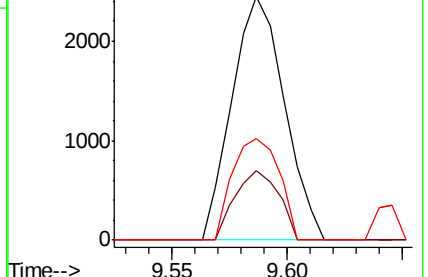
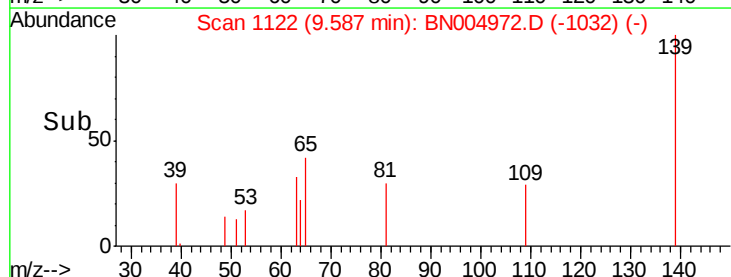
65 42.0 34.2 51.4

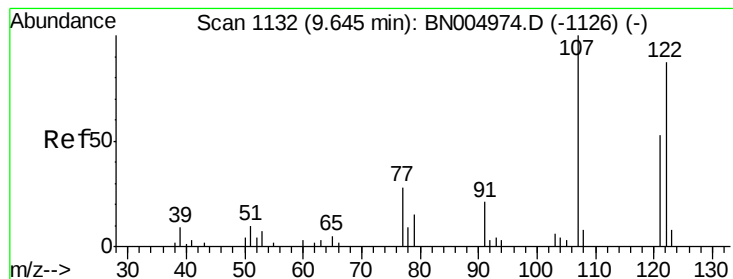


Abundance Ion 139.00 (138.70 to 139.70): BN004972.D (-1032) (-)

Ion 109.00 (108.70 to 109.70): BN004972.D (-1032) (-)

Ion 65.00 (64.70 to 65.70): BN004972.D (-1032) (-)





#27

2,4-Dimethylphenol

Concen: 10.491 ng

RT: 9.65 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampled :

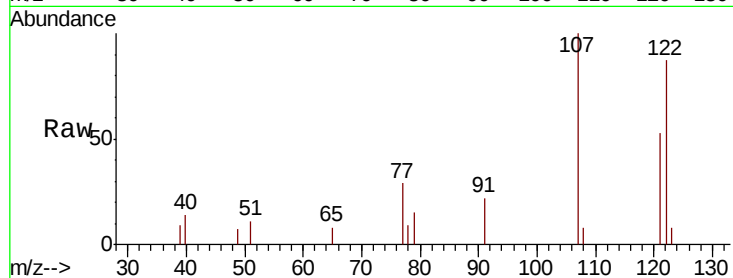
Tot Ion:122 Resp: 5871

Ion Ratio Lower Upper

122 100

107 114.4 91.6 137.4

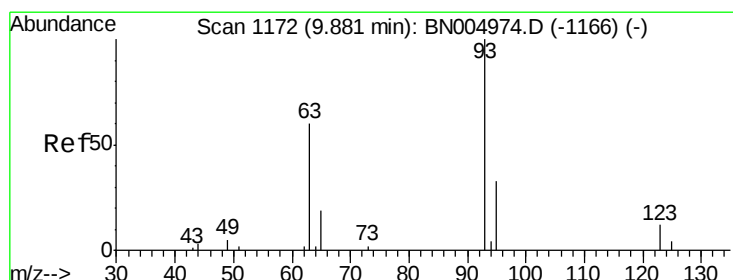
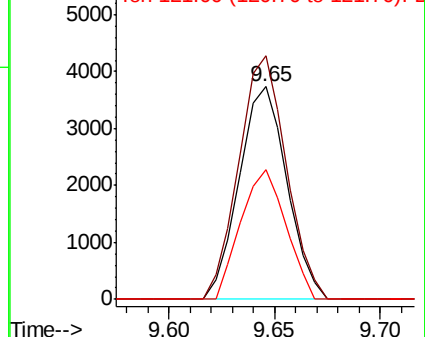
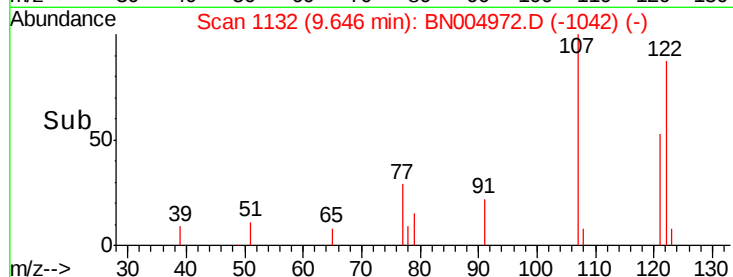
121 61.2 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.763 ng

RT: 9.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

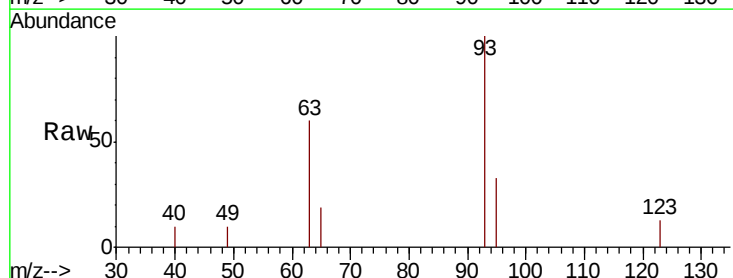
Tgt Ion: 93 Resp: 8709

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

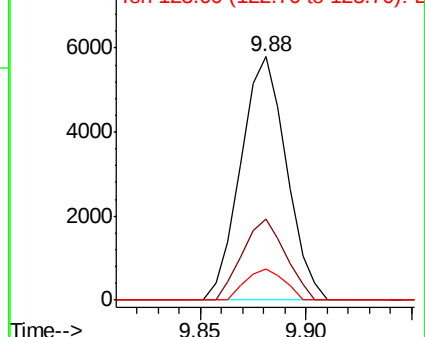
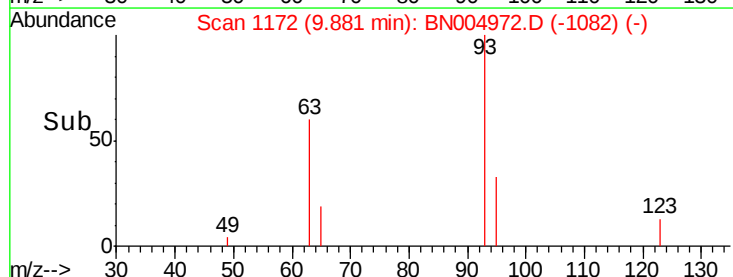
123 12.7 9.8 14.8

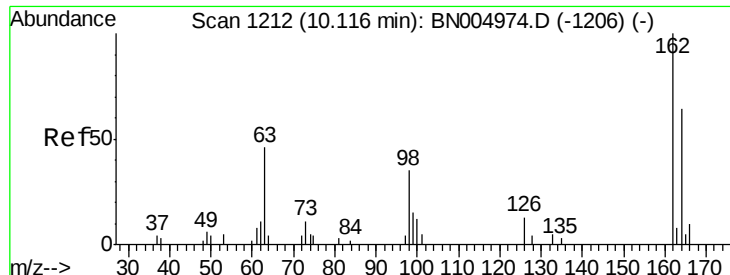


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

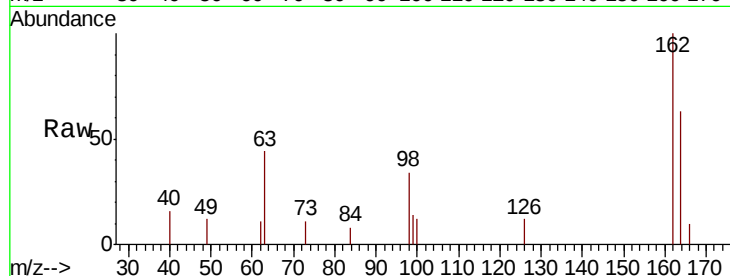




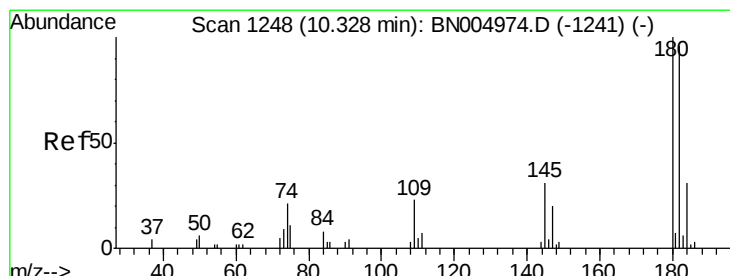
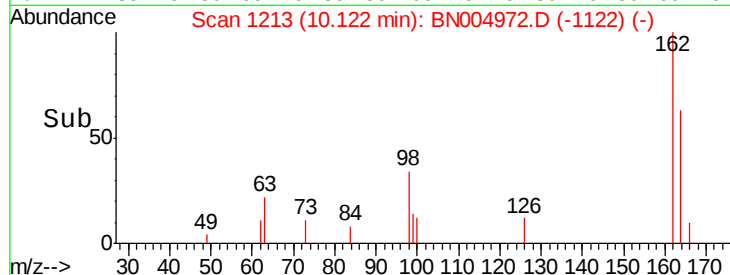
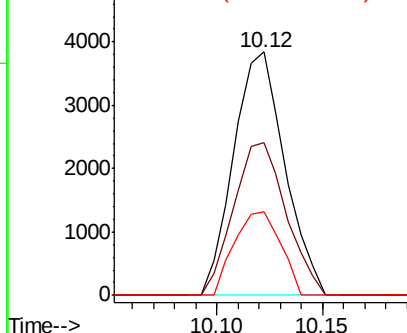
#29
 2,4-Dichlorophenol
 Concen: 9.795 ng
 RT: 10.12 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:162 Resp: 6450
 Ion Ratio Lower Upper
 162 100
 164 62.9 44.3 84.3
 98 34.4 15.3 55.3

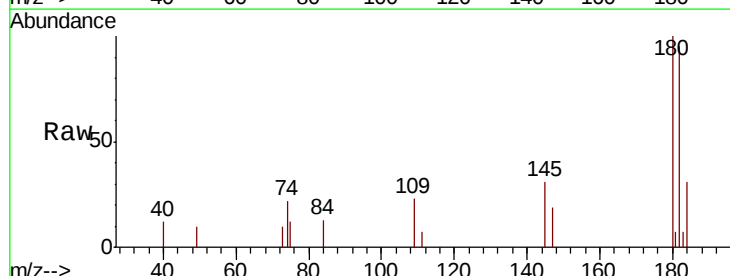


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

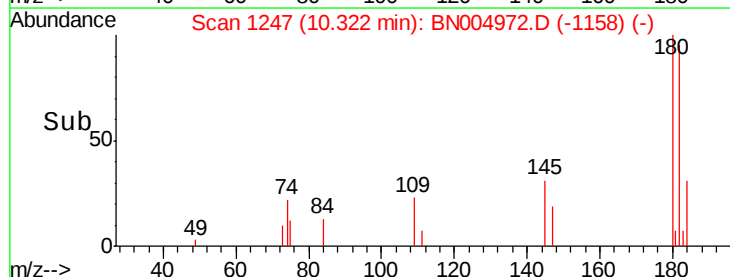
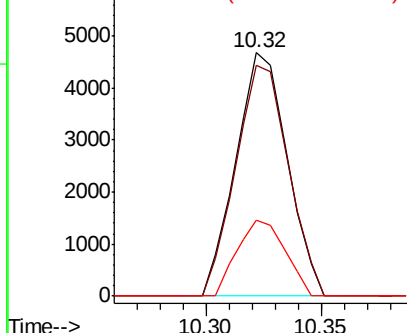


#30
 1,2,4-Trichlorobenzene
 Concen: 9.691 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:180 Resp: 7273
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 114.8
 145 31.0 24.6 37.0



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

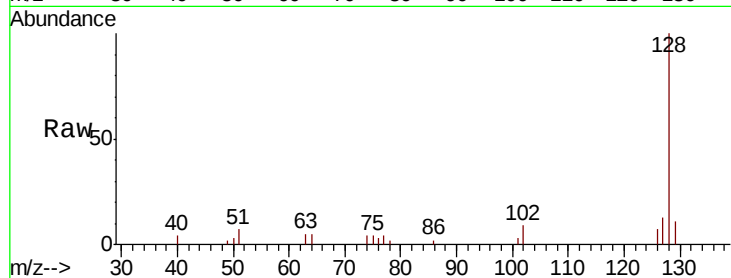




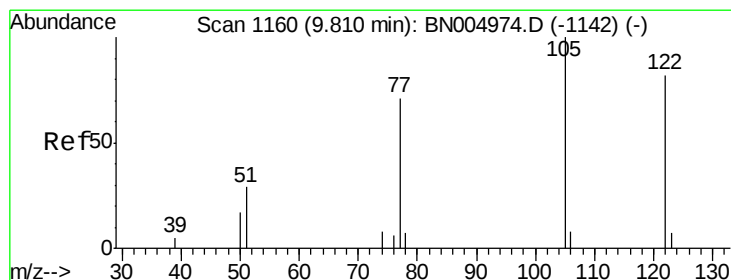
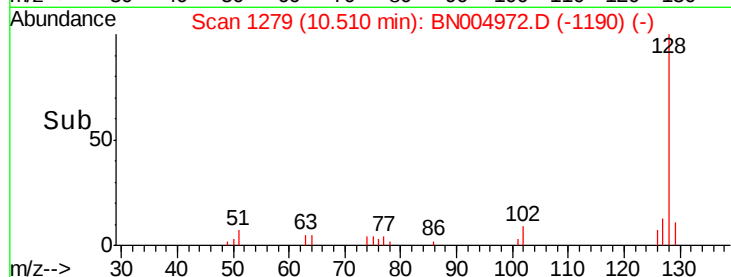
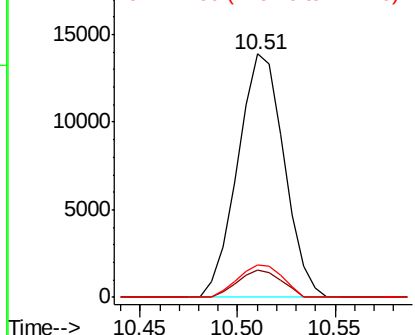
#31
Naphthalene
Concen: 11.139 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 22904
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.8 16.2

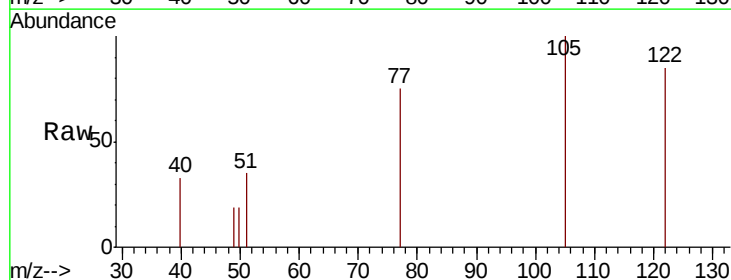


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

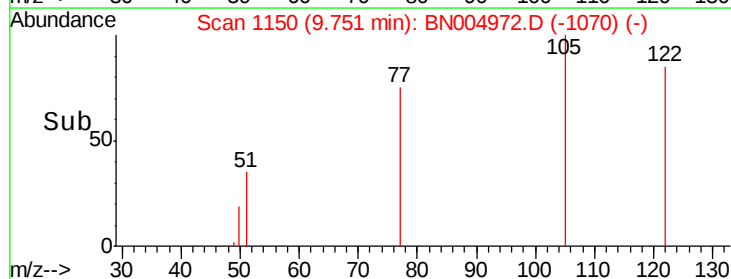
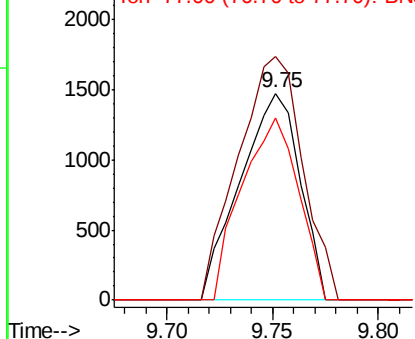


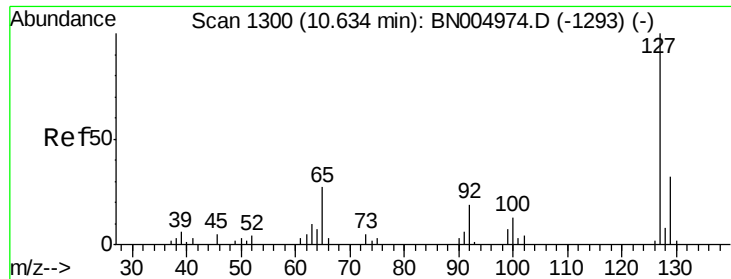
#32
Benzoic acid
Concen: 10.253 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.06 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:122 Resp: 2906
Ion Ratio Lower Upper
122 100
105 117.7 102.4 142.4
77 88.1 67.1 107.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

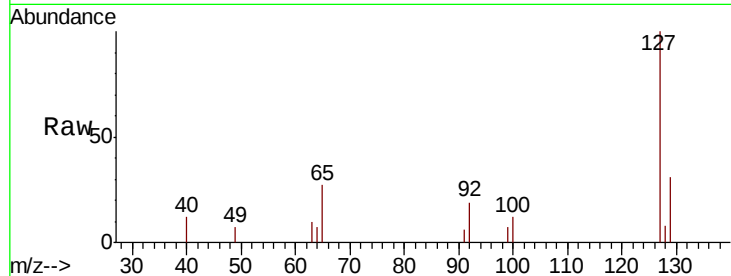




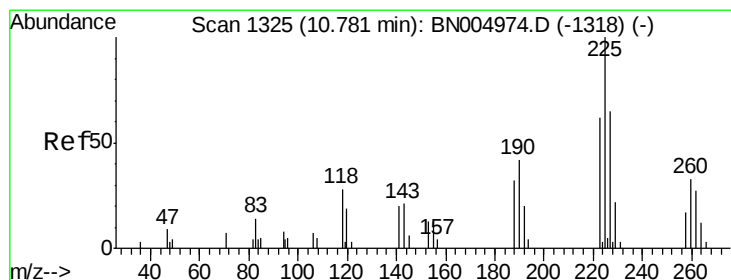
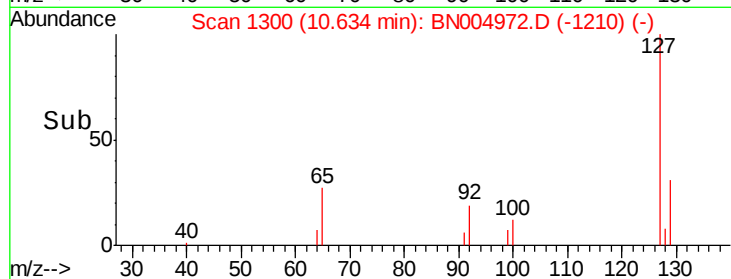
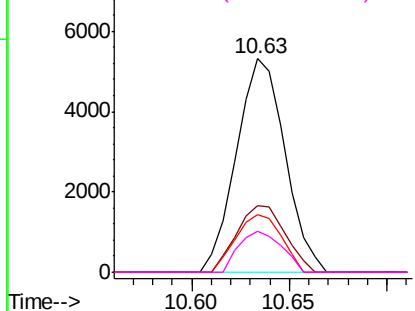
#33
4-Chloroaniline
Concen: 9.979 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	9155
Ion	Ratio	Lower Upper
127	100	
129	31.4	25.9 38.9
65	26.7	21.4 32.0
92	19.1	15.3 22.9

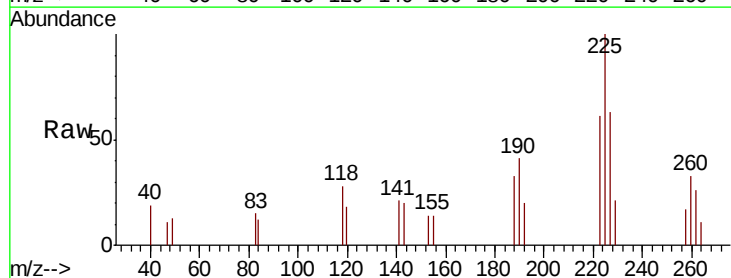


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

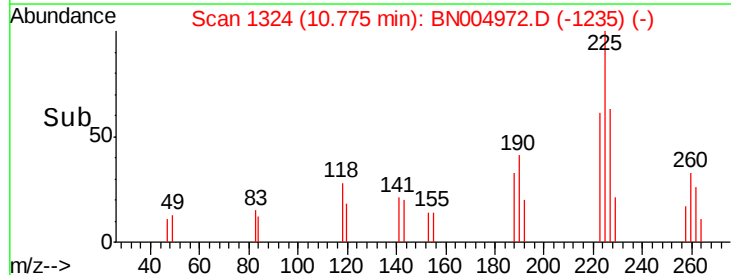
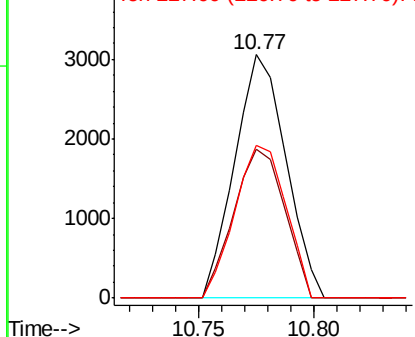


#34
Hexachlorobutadiene
Concen: 10.514 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:225	Resp:	4725
Ion	Ratio	Lower Upper
225	100	
223	61.4	49.7 74.5
227	62.6	52.0 78.0



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: 7.916 ng

RT: 11.40 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

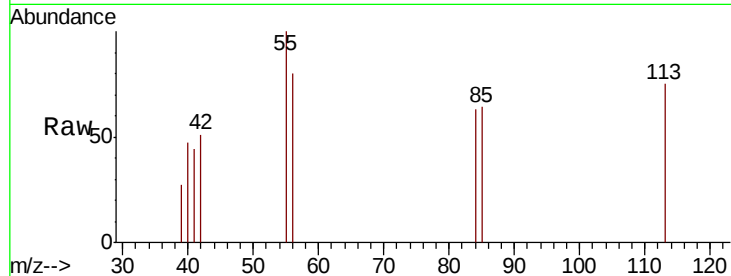
Tot Ion:113 Resp: 1838

Ion Ratio Lower Upper

113 100

55 133.1 115.8 155.8

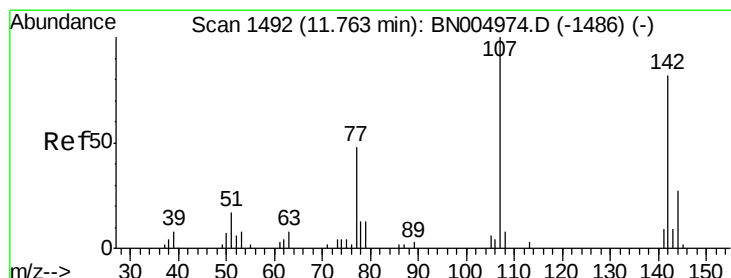
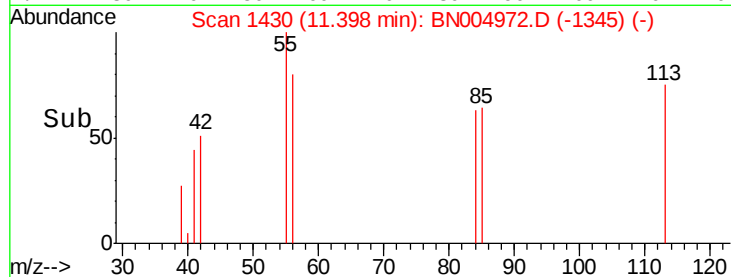
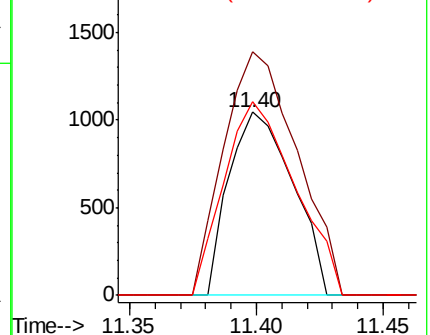
56 106.1 85.1 125.1



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: 10.332 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

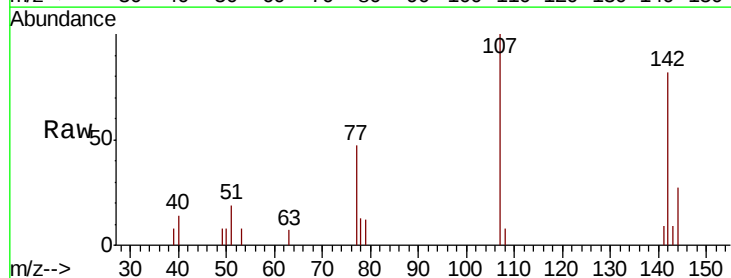
Tgt Ion:107 Resp: 7207

Ion Ratio Lower Upper

107 100

144 27.1 21.3 31.9

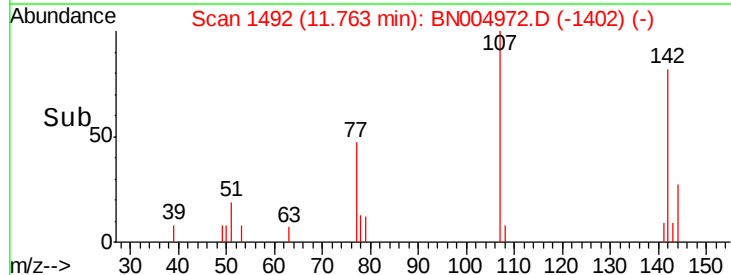
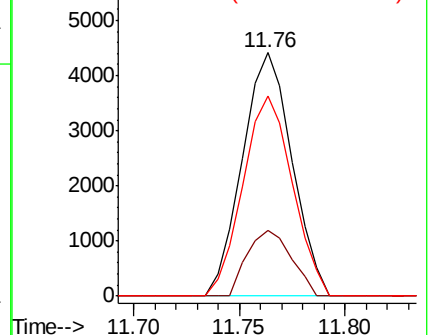
142 82.4 65.8 98.8



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

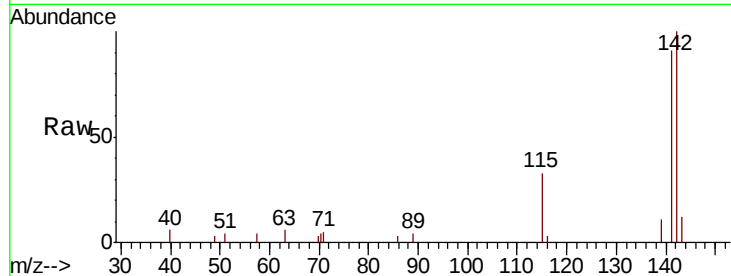




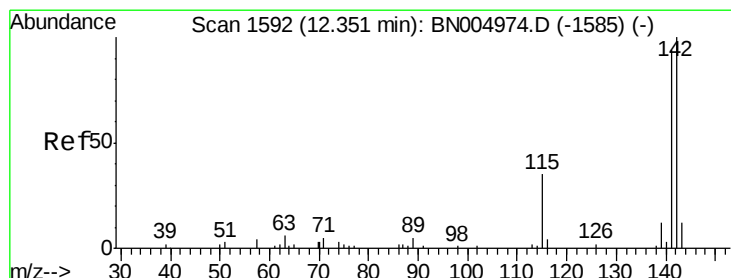
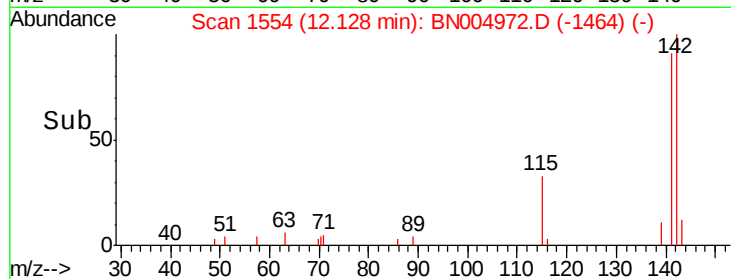
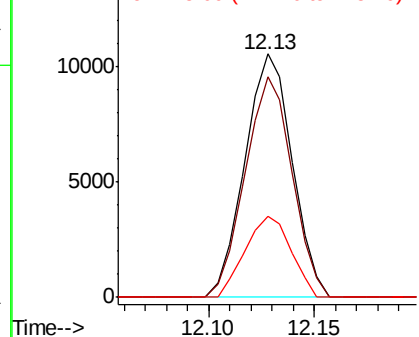
#37
 2-Methylnaphthalene
 Concen: 11.133 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:142 Resp: 16349
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.8 107.8
 115 33.3 27.0 40.4

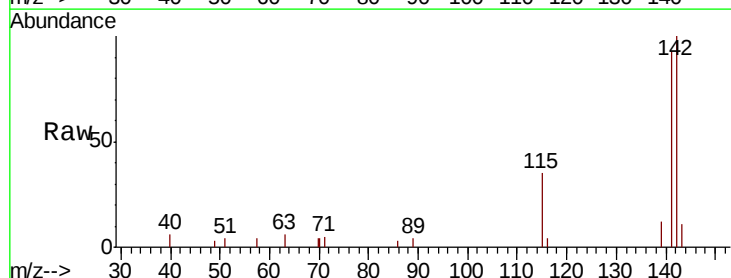


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

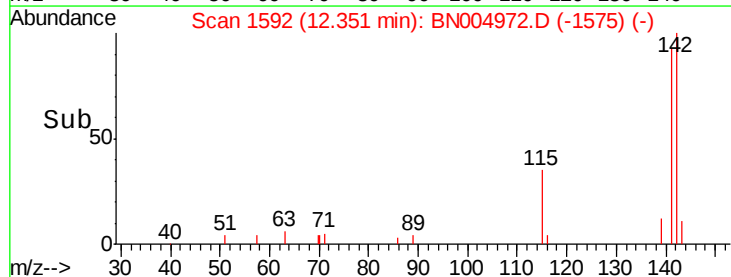
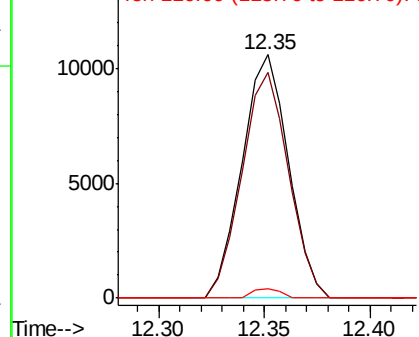


#38
 1-Methylnaphthalene
 Concen: 11.368 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:142 Resp: 16171
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.9 112.3
 116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

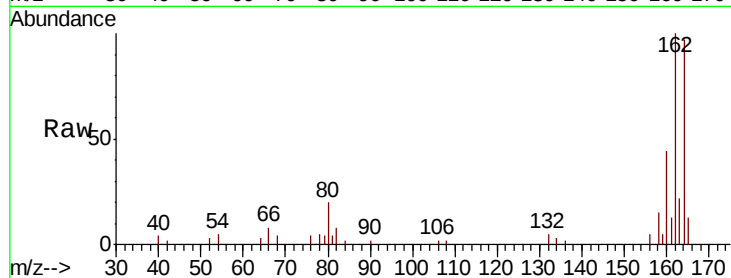
Tot Ion:164 Resp: 25065

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.0

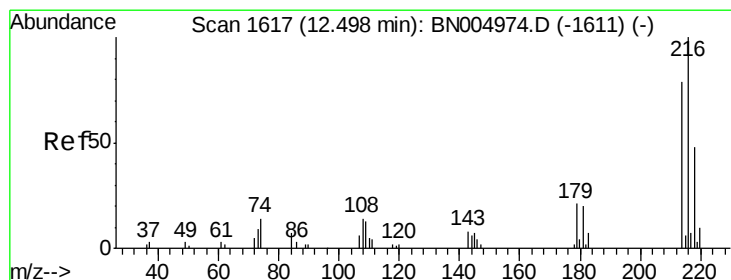
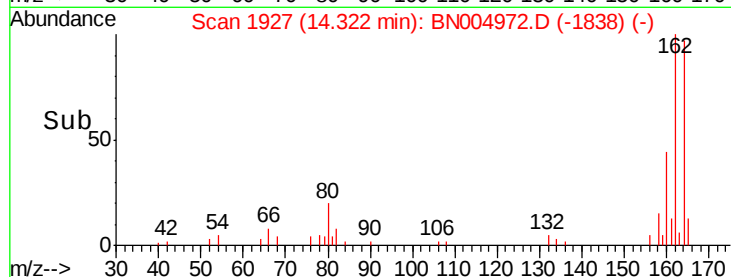
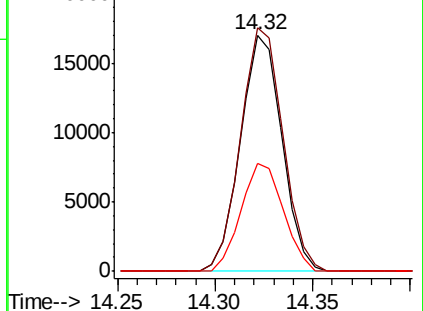
160 45.5 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.886 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Tgt Ion:216 Resp: 8907

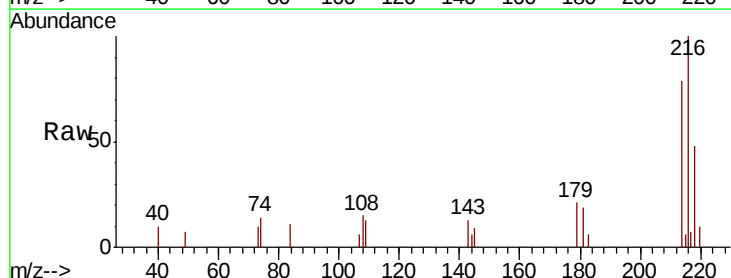
Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

179 18.2 16.4 24.6

108 13.1 12.7 19.1

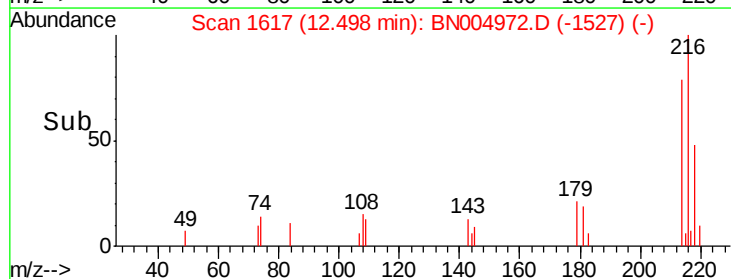
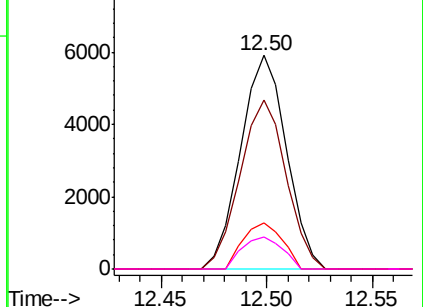


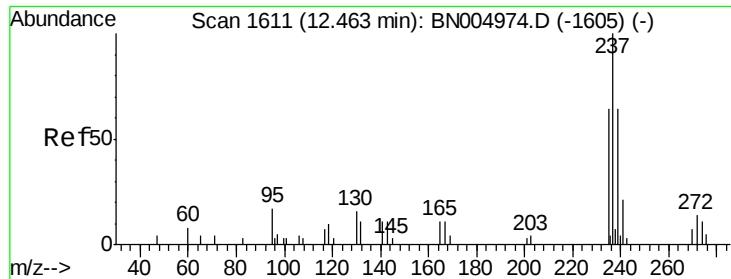
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.652 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

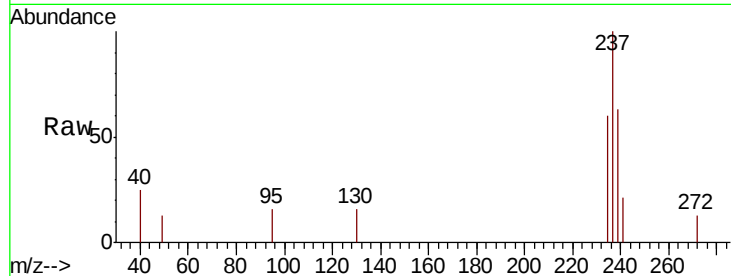
Tot Ion:237 Resp: 3367

Ion Ratio Lower Upper

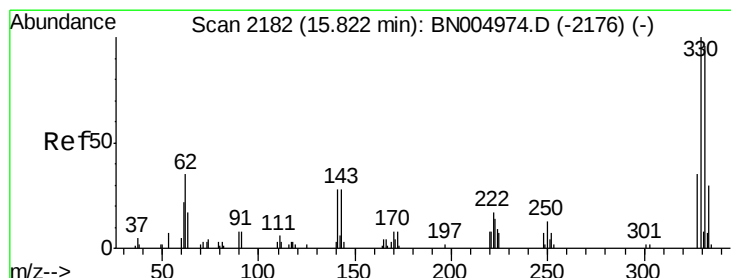
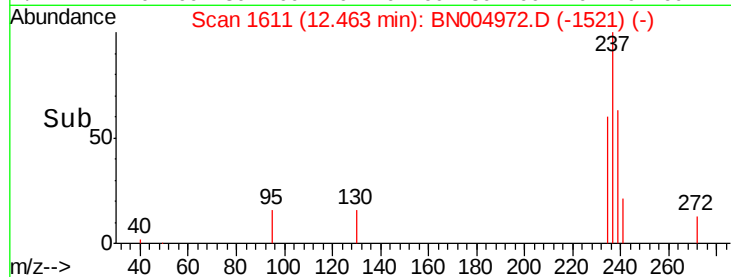
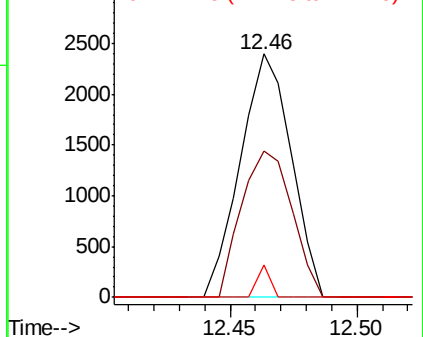
237 100

235 60.1 43.6 83.6

272 13.1 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 21.431 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

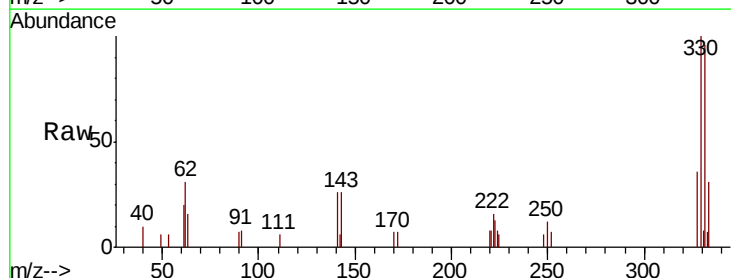
Tgt Ion:330 Resp: 8008

Ion Ratio Lower Upper

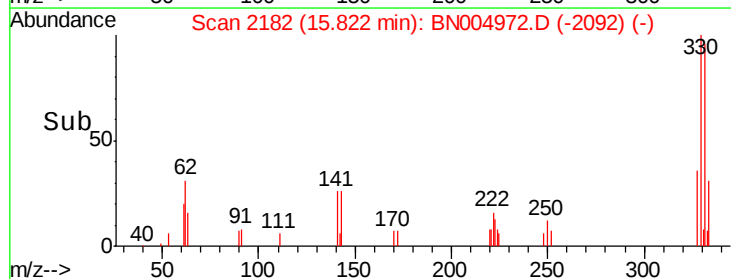
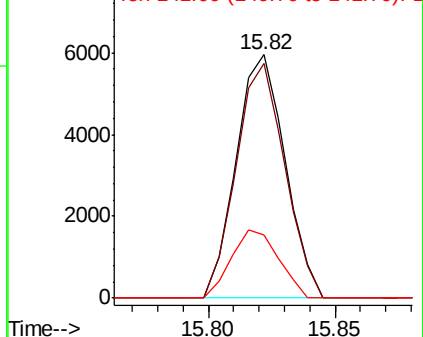
330 100

332 95.8 77.4 116.0

141 27.2 22.1 33.1



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

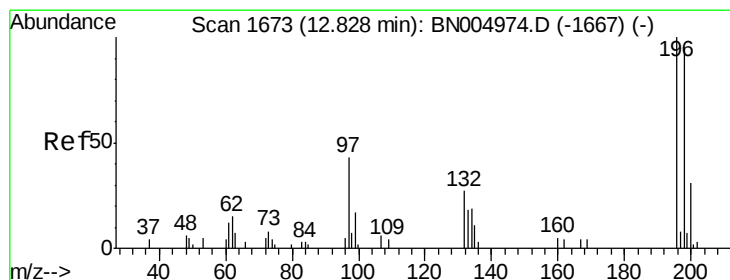
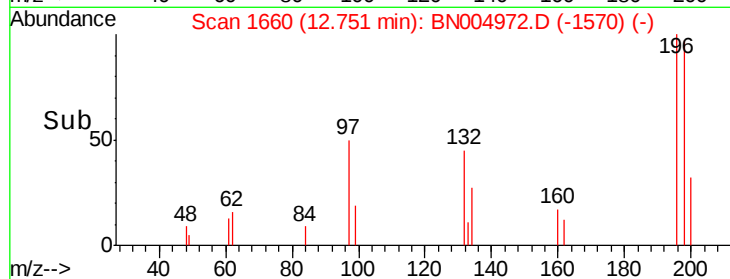
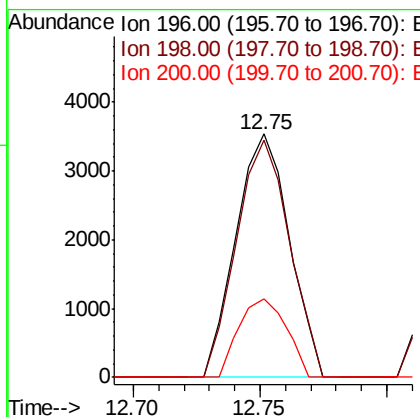
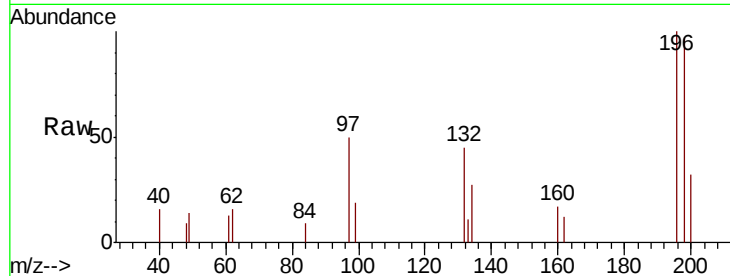




#43
 2,4,6-Trichlorophenol
 Concen: 9.261 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

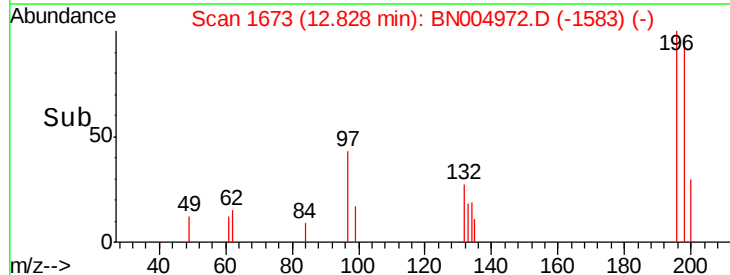
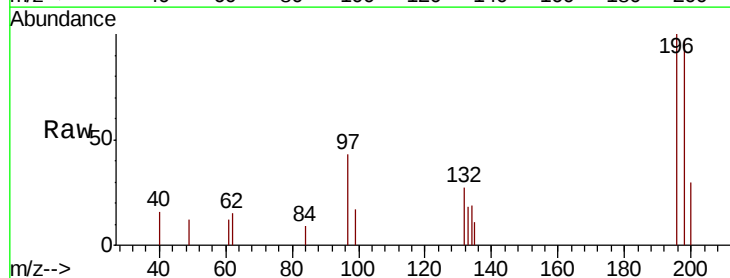
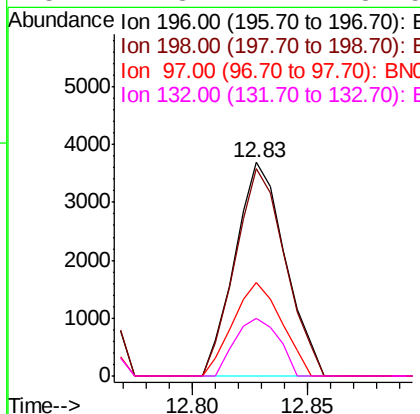
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 5181
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.5 114.7
 200 32.0 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 9.382 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:196 Resp: 5599
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.1 114.1
 97 43.5 34.8 52.2
 132 27.3 21.7 32.5

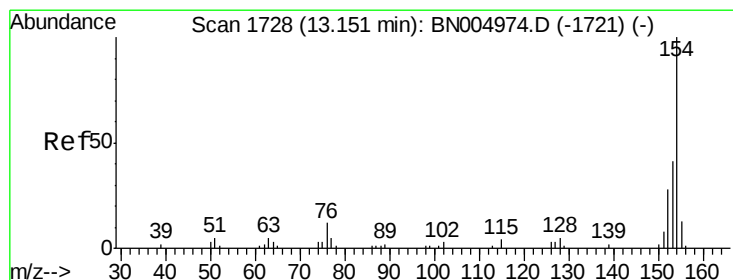
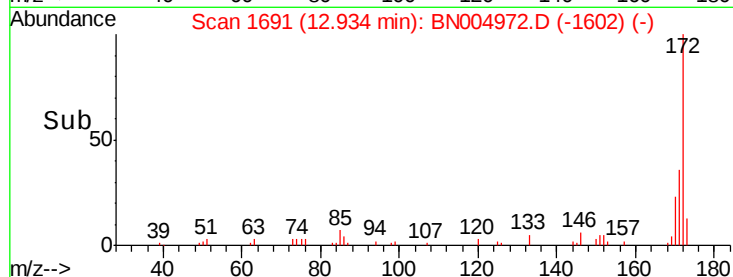
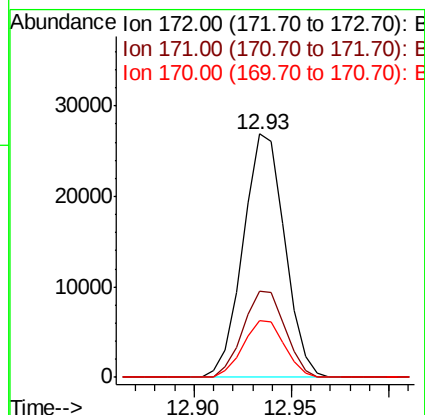
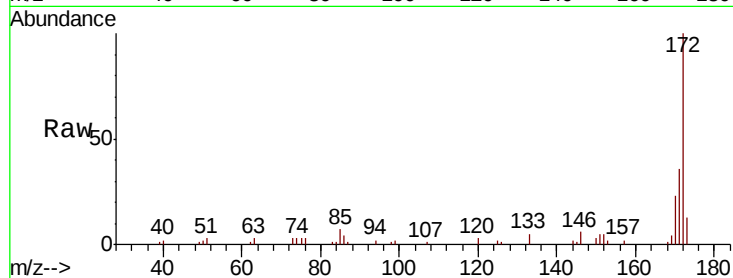




#45
 2-Fluorobiphenyl
 Concen: 21.145 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

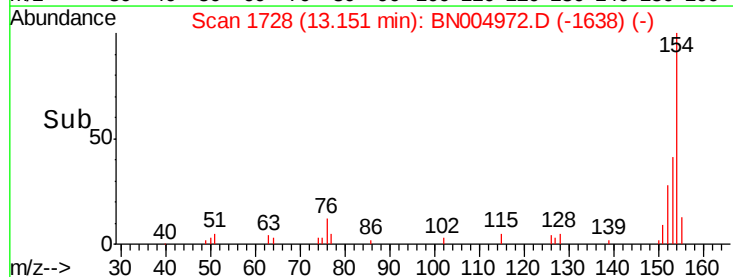
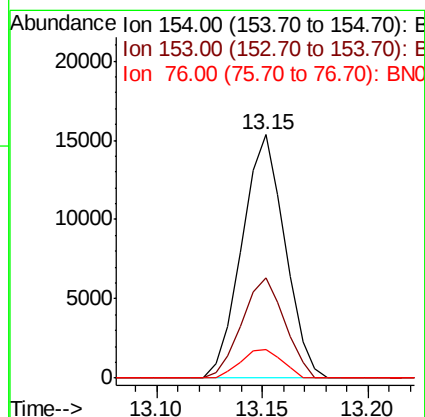
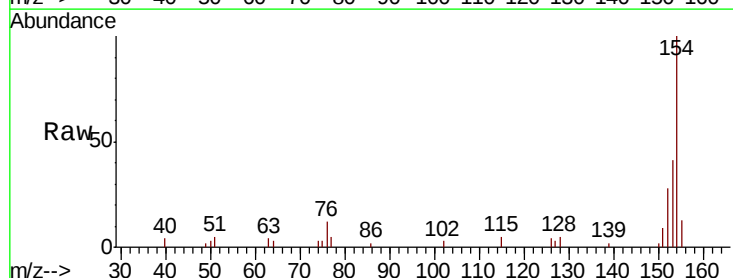
Instrument :
 BNA_N
 ClientSampleId :

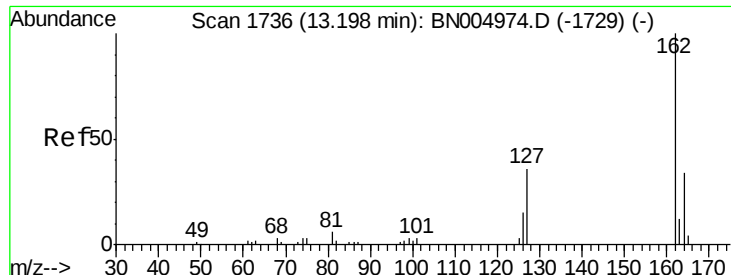
Tot Ion:172 Resp: 39707
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.1 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 9.778 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:154 Resp: 21708
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 11.6 0.0 32.2

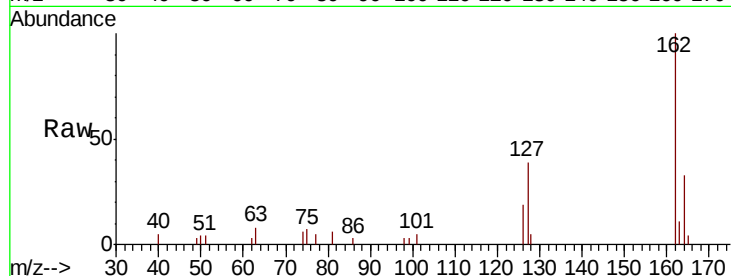




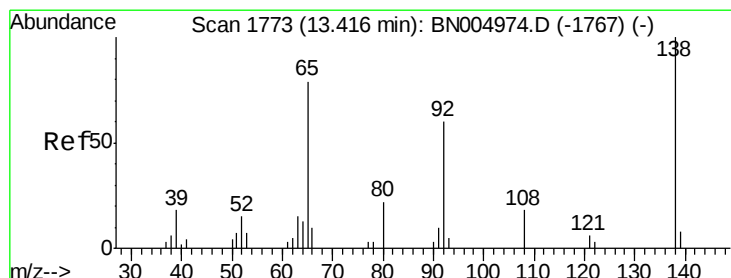
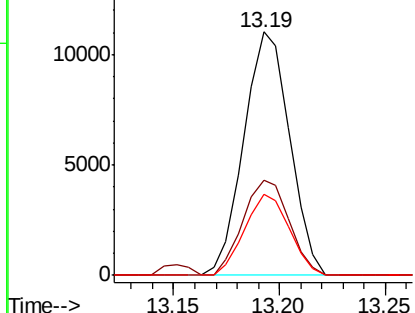
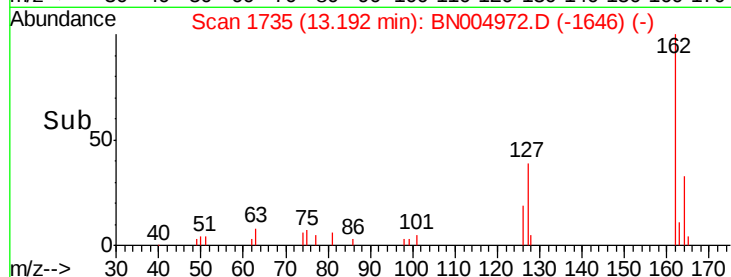
#47
2-Chloronaphthalene
Concen: 9.958 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:162 Resp: 16633
Ion Ratio Lower Upper
162 100
127 39.3 32.4 48.6
164 33.1 26.8 40.2

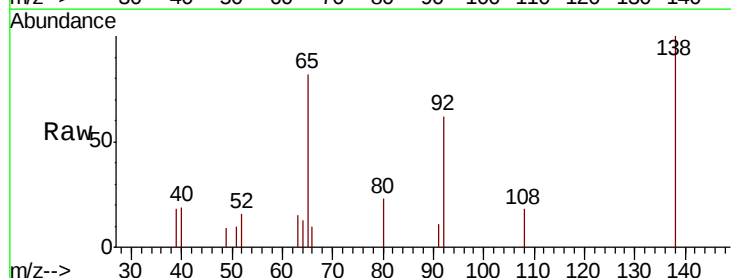


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

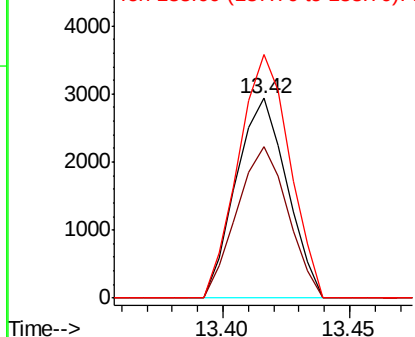
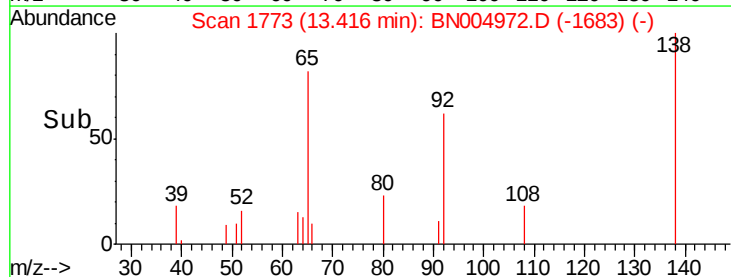


#48
2-Nitroaniline
Concen: 9.895 ng
RT: 13.42 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion: 65 Resp: 4118
Ion Ratio Lower Upper
65 100
92 75.7 60.2 90.4
138 121.9 101.1 151.7



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): E





#49

Acenaphthylene

Concen: 11.495 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampled :

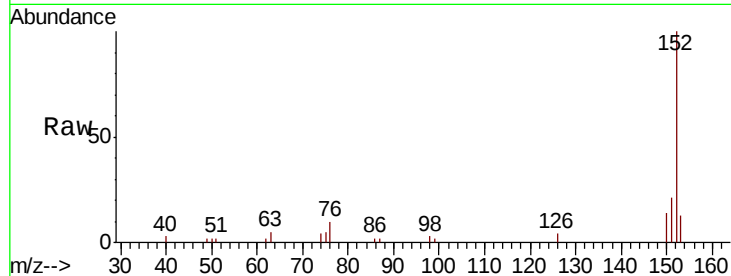
Tot Ion:152 Resp: 28325

Ion Ratio Lower Upper

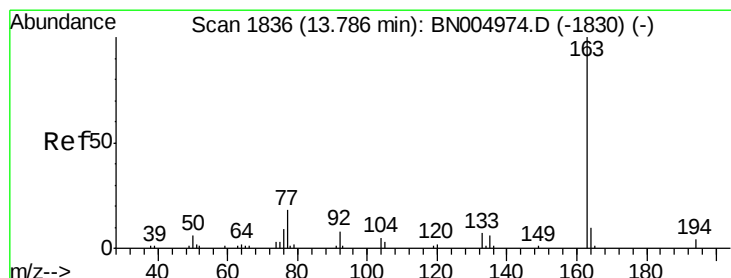
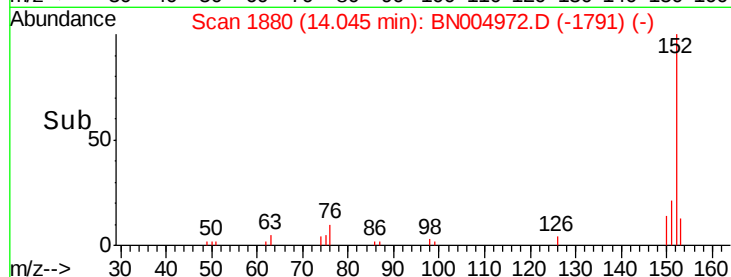
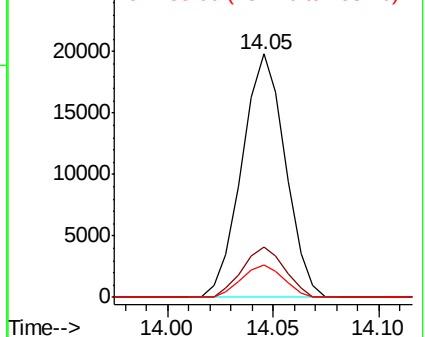
152 100

151 20.6 16.2 24.2

153 13.3 10.3 15.5



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



#50

Dimethylphthalate

Concen: 11.013 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

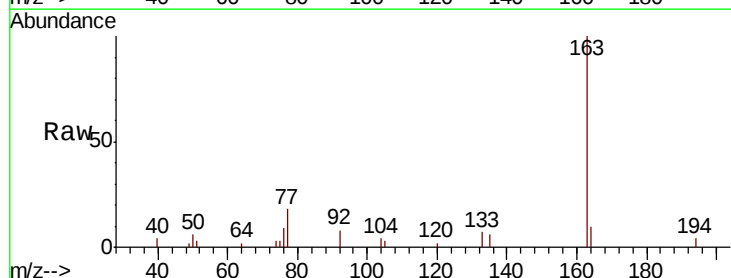
Tgt Ion:163 Resp: 21625

Ion Ratio Lower Upper

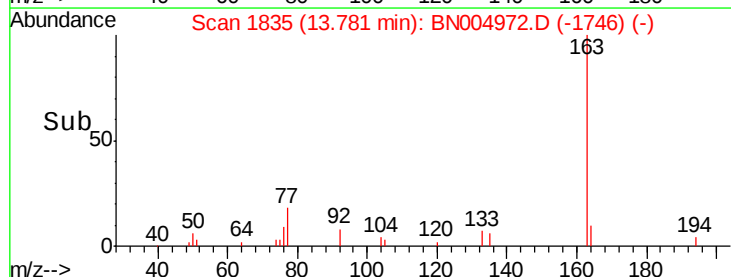
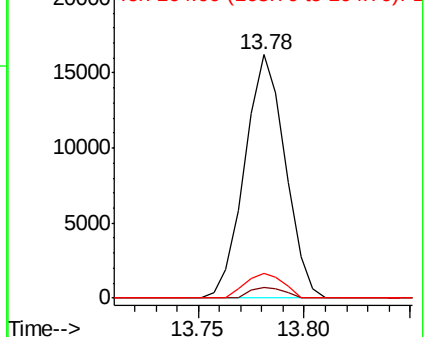
163 100

194 4.4 3.4 5.0

164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

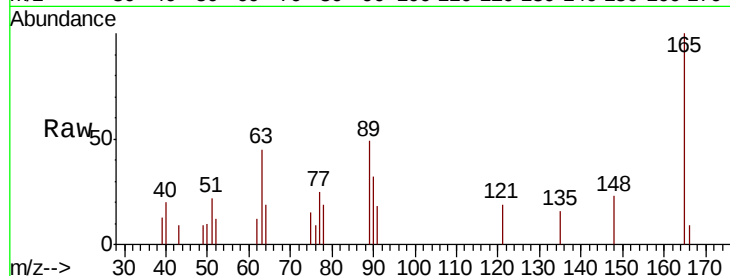




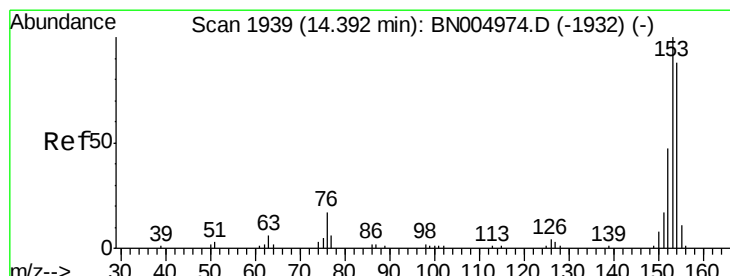
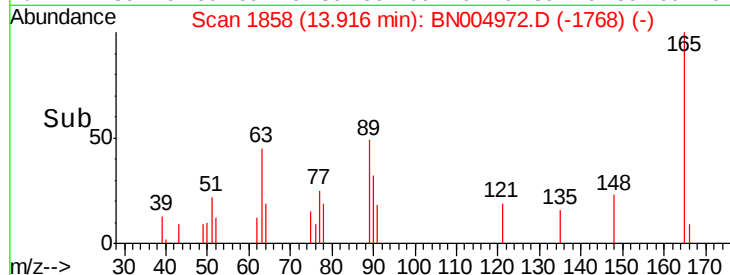
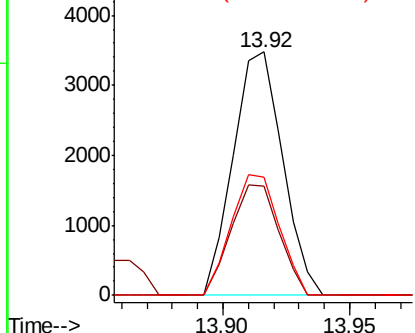
#51
 2,6-Dinitrotoluene
 Concen: 10.311 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 4726
 Ion Ratio Lower Upper
 165 100
 63 44.8 37.3 55.9
 89 48.7 39.2 58.8

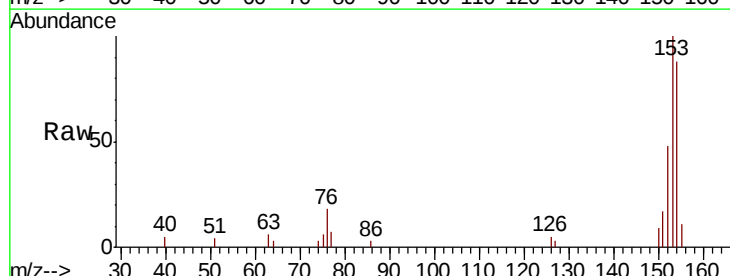


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

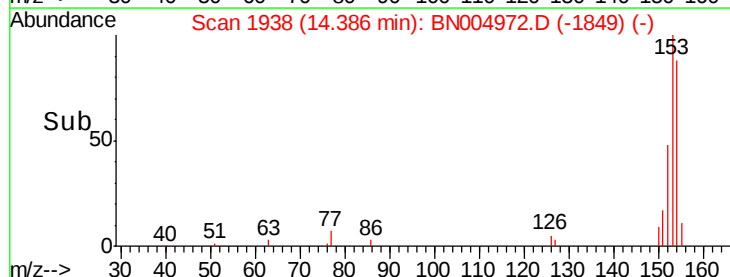
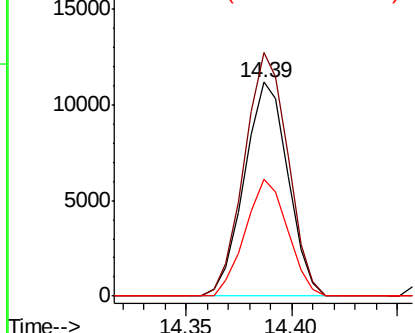


#52
 Acenaphthene
 Concen: 10.752 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:154 Resp: 16068
 Ion Ratio Lower Upper
 154 100
 153 113.9 91.0 136.4
 152 54.5 43.0 64.4



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

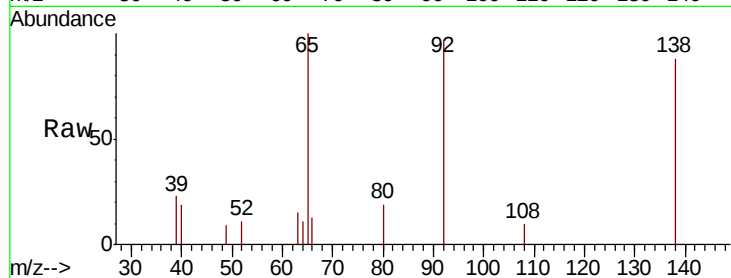




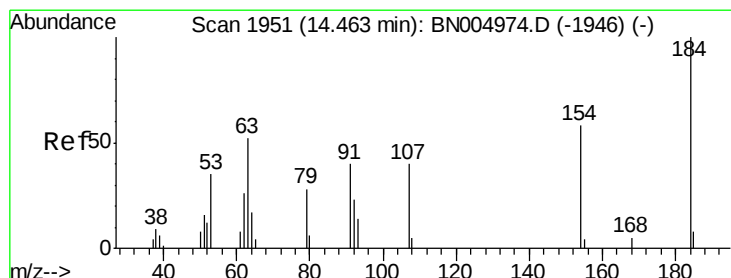
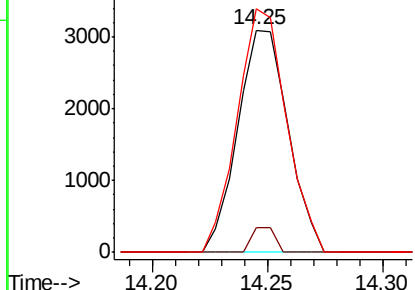
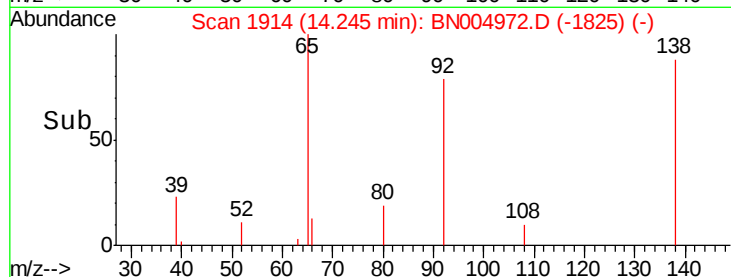
#53
 3-Nitroaniline
 Concen: 9.612 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:138 Resp: 4710
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.6 12.8
 92 109.7 86.9 130.3

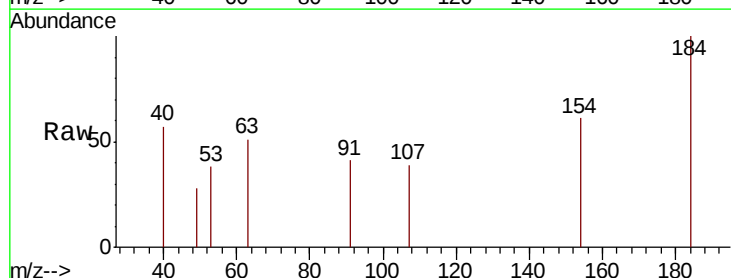


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BNC

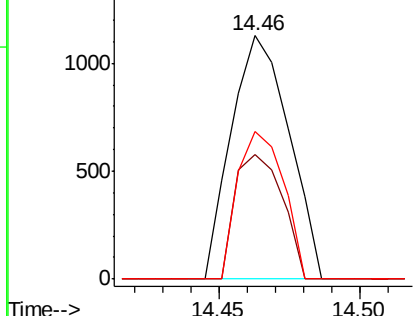
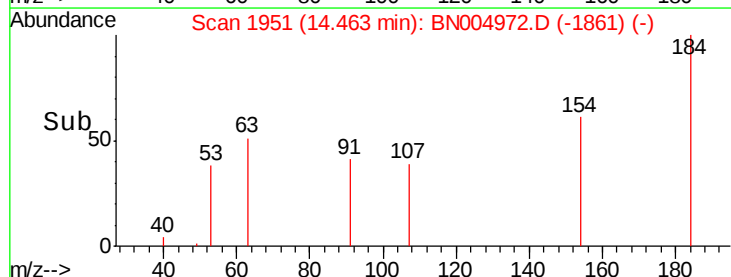


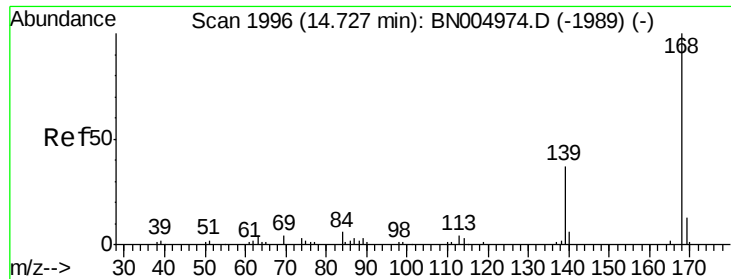
#54
 2,4-Dinitrophenol
 Concen: 13.567 ng
 RT: 14.46 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:184 Resp: 1598
 Ion Ratio Lower Upper
 184 100
 63 51.0 41.6 62.4
 154 60.8 46.8 70.2



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

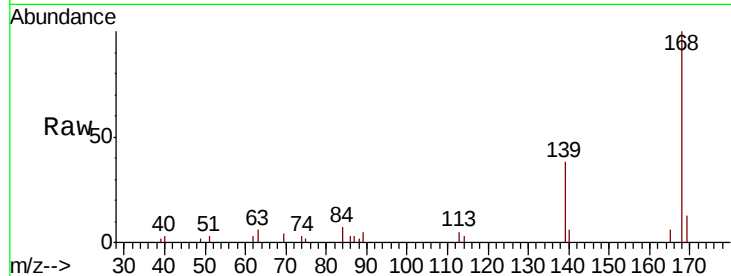




#55
Dibenzenofuran
Concen: 10.495 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.9	44.9
169	13.5	10.6	15.8

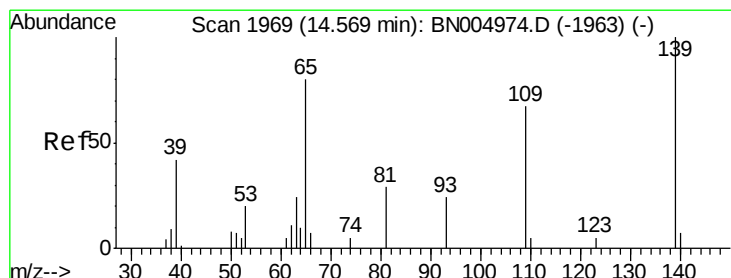
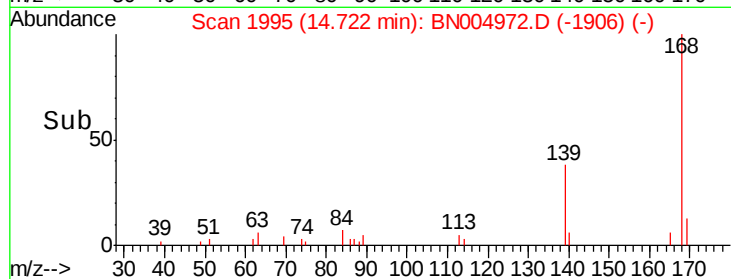
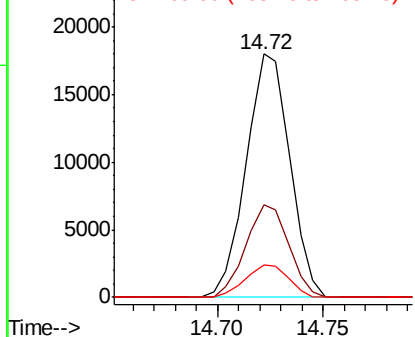


Abundance

Ion 168.00 (167.70 to 168.70): E

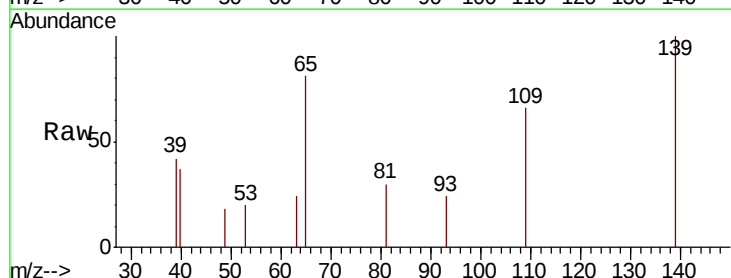
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 8.085 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	46.5	86.5
65	81.4	59.5	99.5

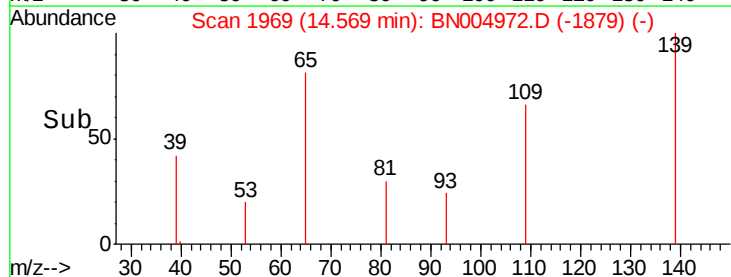
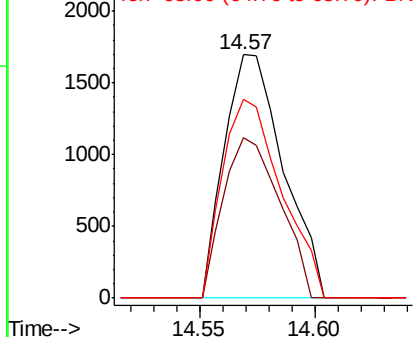


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNO

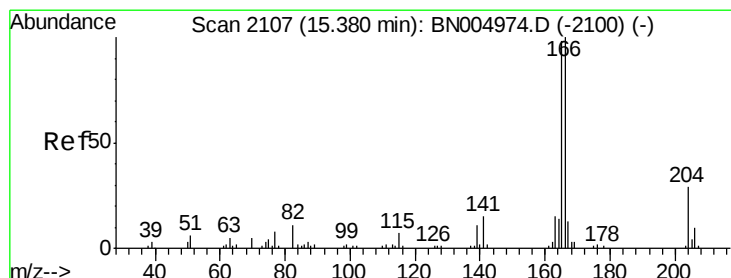
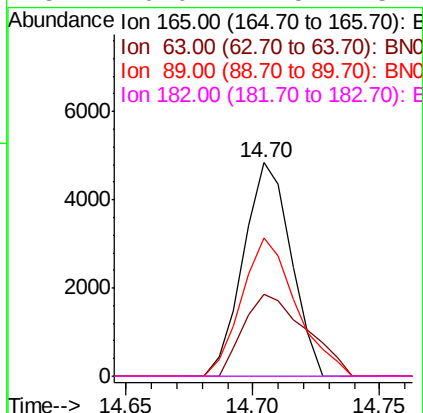
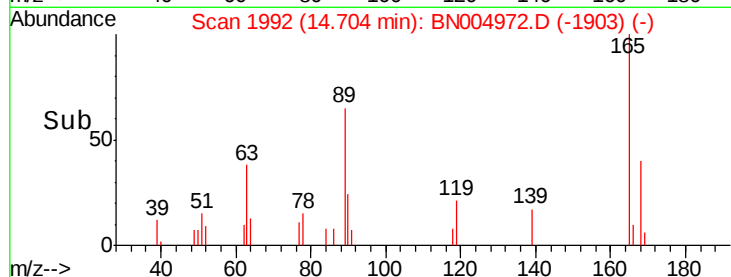
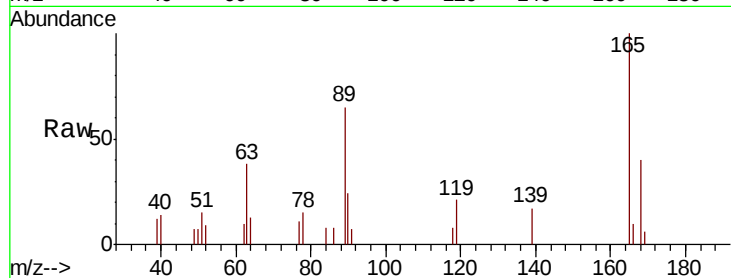




#57
2,4-Dinitrotoluene
Concen: 10.258 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

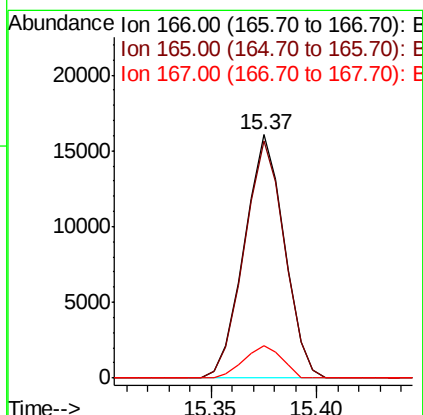
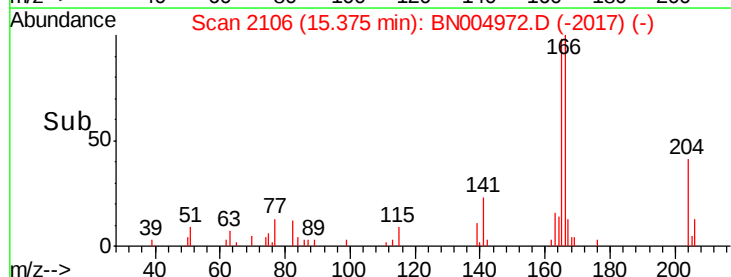
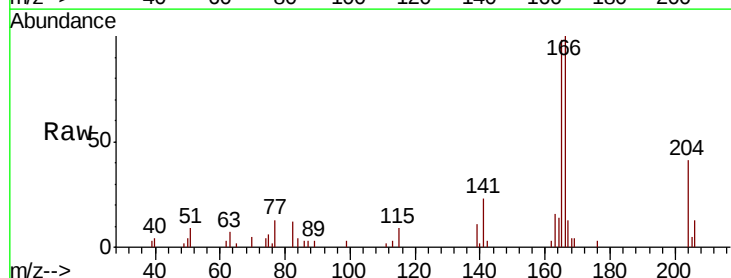
Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 6355
Ion Ratio Lower Upper
165 100
63 38.1 30.4 45.6
89 64.5 50.7 76.1
182 0.0 2.5 3.7#



#58
Fluorene
Concen: 11.637 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:166 Resp: 21169
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.2 10.6 15.8

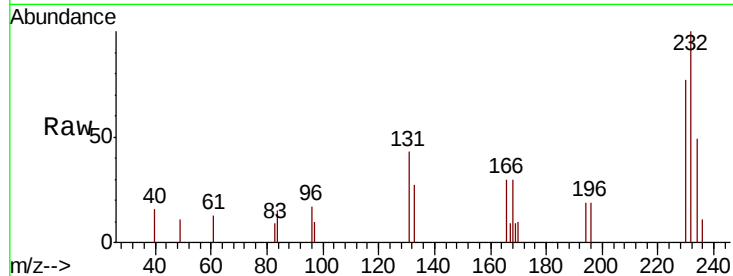




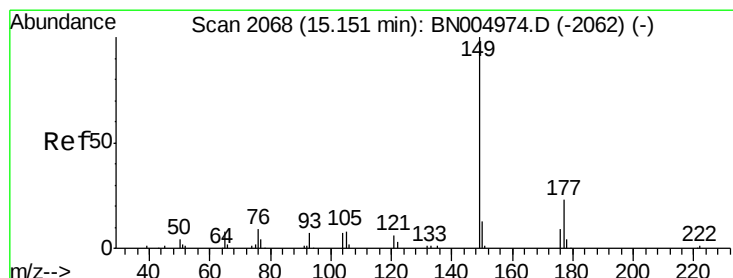
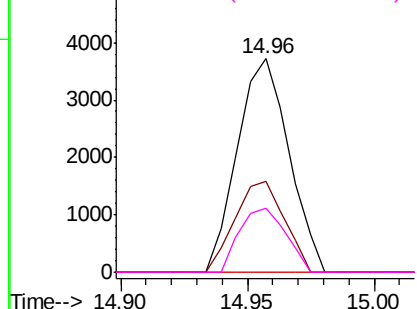
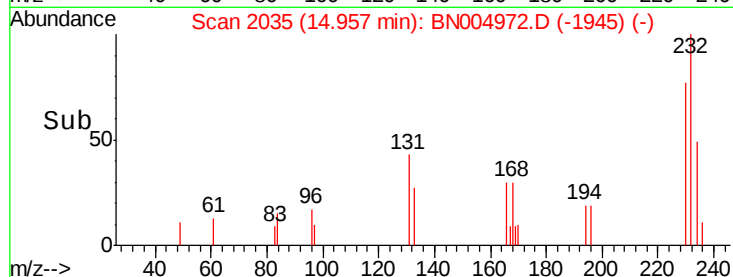
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.747 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:232 Resp: 5250
 Ion Ratio Lower Upper
 232 100
 131 40.8 32.4 48.6
 130 0.0 0.9 1.3#
 166 26.7 22.6 34.0

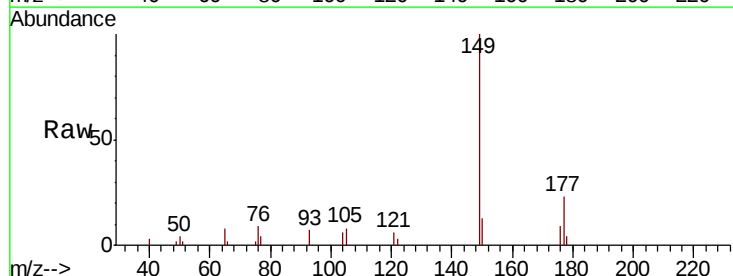


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

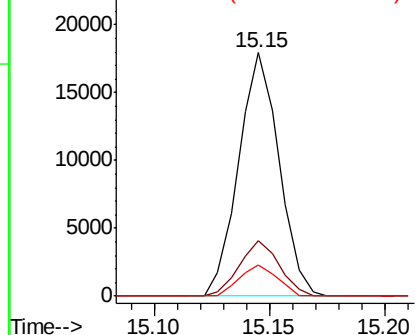
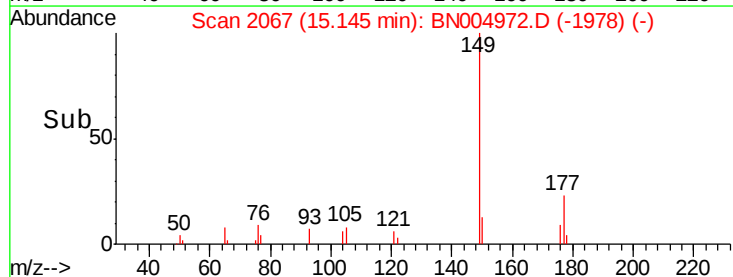


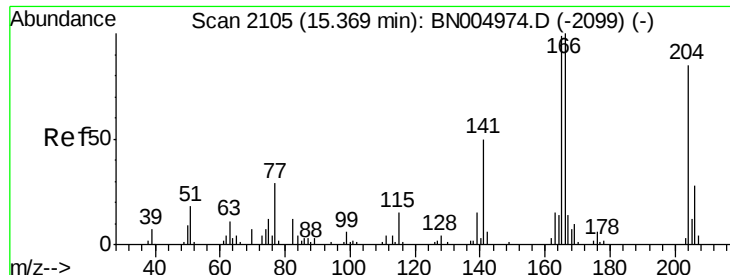
#60
 Diethylphthalate
 Concen: 10.539 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:149 Resp: 21896
 Ion Ratio Lower Upper
 149 100
 177 22.5 18.1 27.1
 150 12.5 10.1 15.1



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

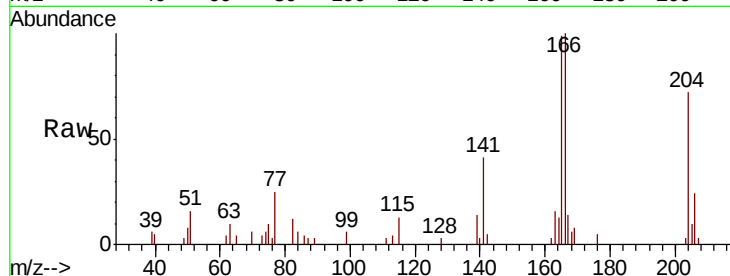




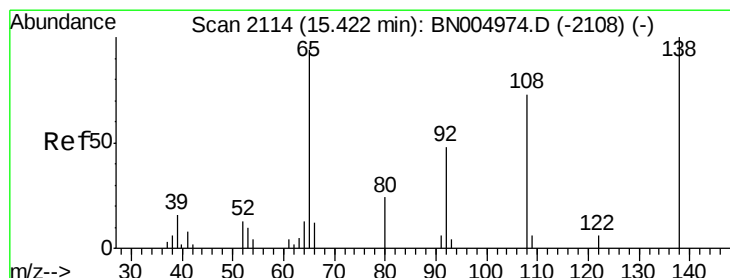
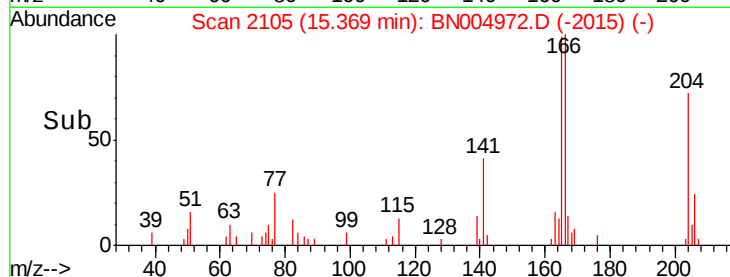
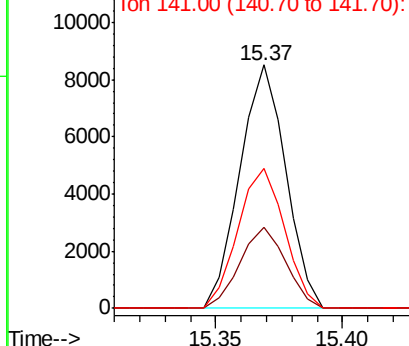
#61
 4-Chlorophenyl-phenylether
 Concen: 10.048 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:204 Resp: 10760
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.5 39.7
 141 57.6 47.2 70.8

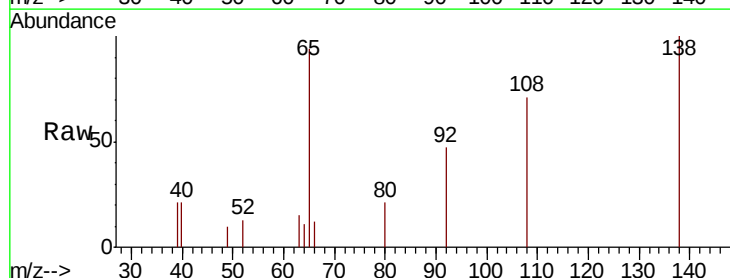


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

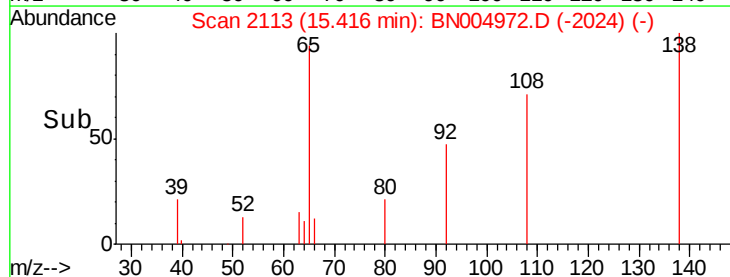
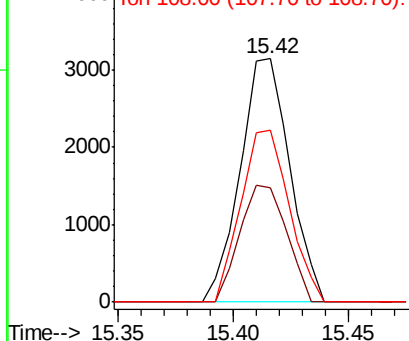


#62
 4-Nitroaniline
 Concen: 9.583 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:138 Resp: 4712
 Ion Ratio Lower Upper
 138 100
 92 47.2 26.4 66.4
 108 70.7 50.8 90.8



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





#63

Azobenzene

Concen: 10.550 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 17891

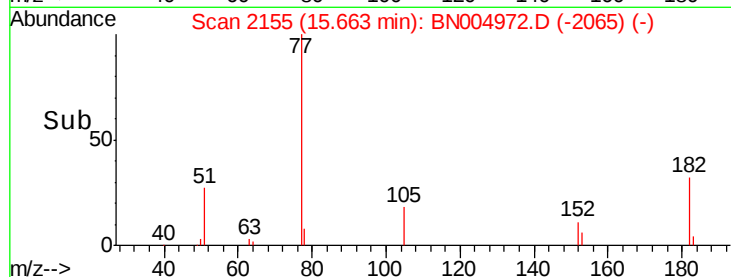
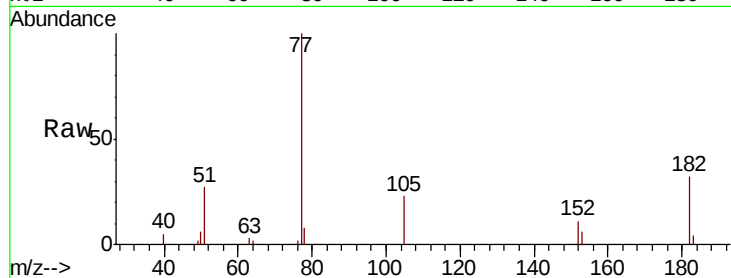
Ion Ratio Lower Upper

77 100

182 31.7 10.0 50.0

105 22.6 2.9 42.9

51 26.7 6.0 46.0

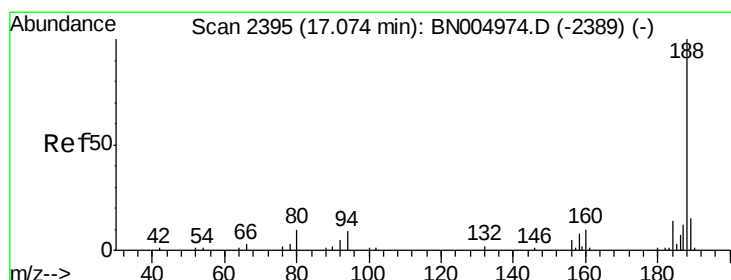
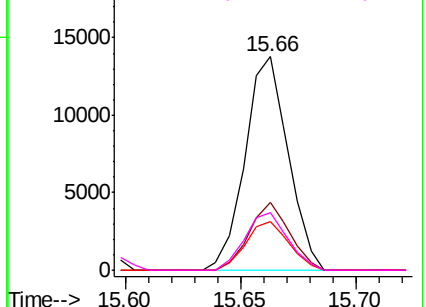


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

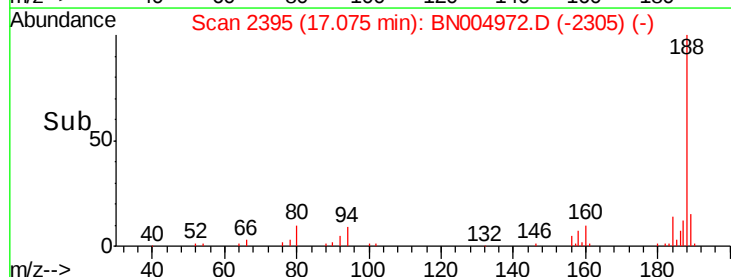
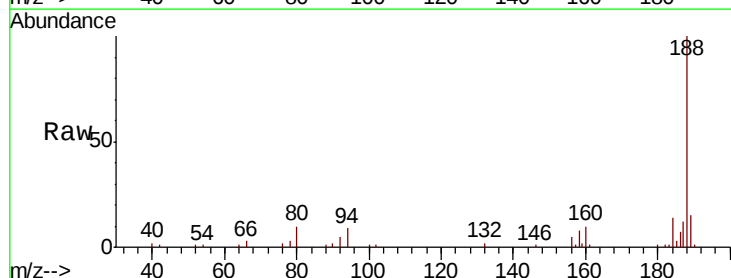
Tgt Ion: 188 Resp: 56816

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

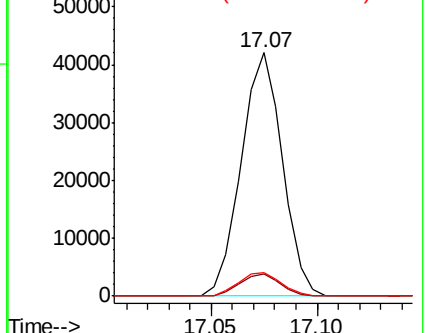
80 9.8 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

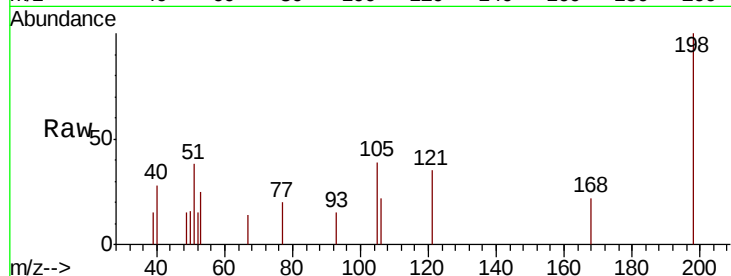




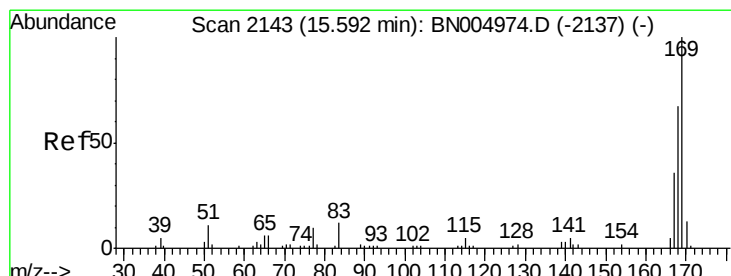
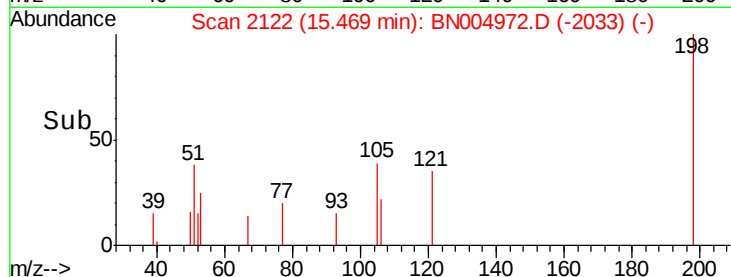
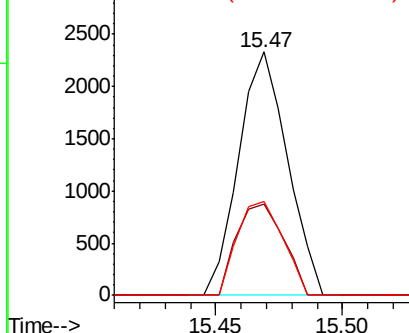
#65
 4,6-Dinitro-2-methylphenol
 Concen: 12.143 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 3135
 Ion Ratio Lower Upper
 198 100
 51 37.7 12.0 52.0
 105 38.5 17.6 57.6

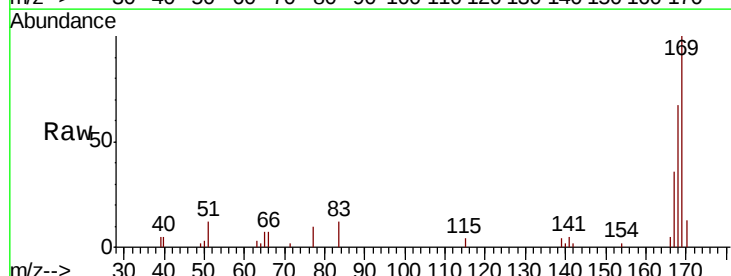


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

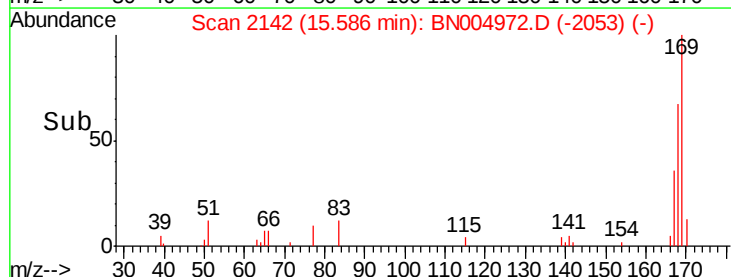
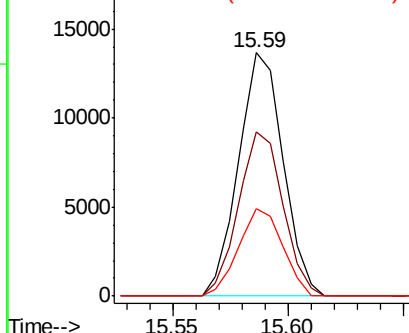


#66
 n-Nitrosodiphenylamine
 Concen: 10.231 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:169 Resp: 18411
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.2
 167 35.8 28.9 43.3



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

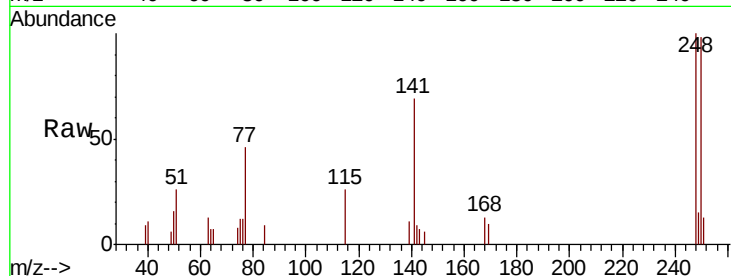




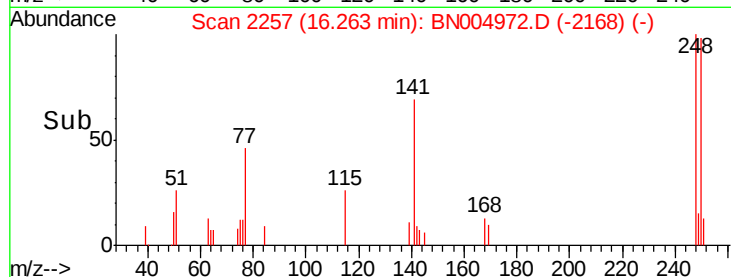
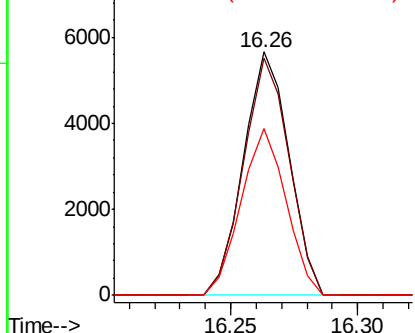
#67
 4-Bromophenyl-phenylether
 Concen: 9.930 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 7116
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.4 119.2
 141 68.5 52.3 78.5

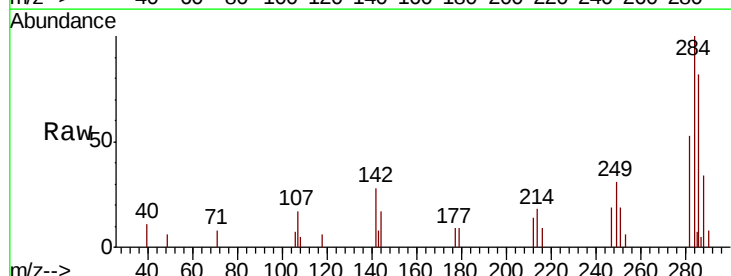


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

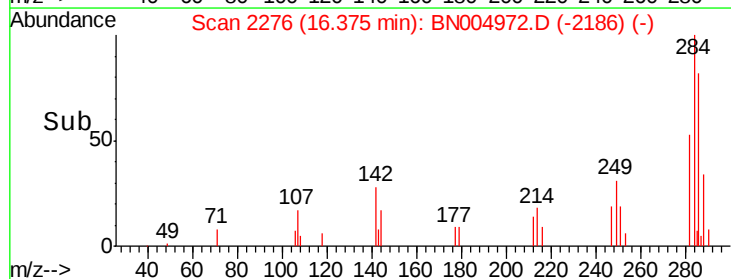
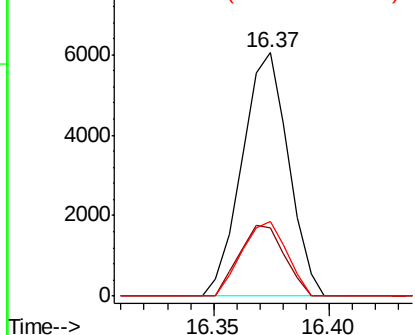


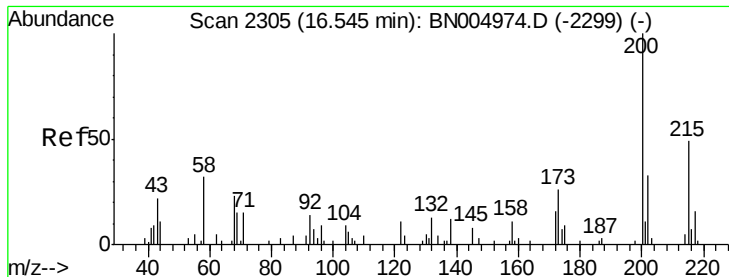
#68
 Hexachlorobenzene
 Concen: 10.138 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:284 Resp: 8456
 Ion Ratio Lower Upper
 284 100
 142 28.1 23.5 35.3
 249 30.9 24.5 36.7



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

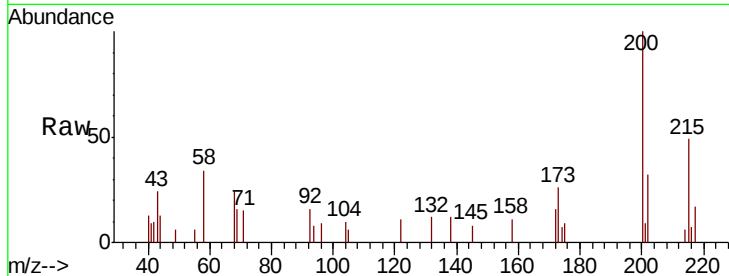




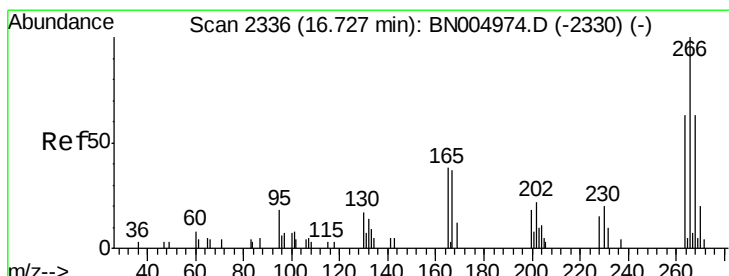
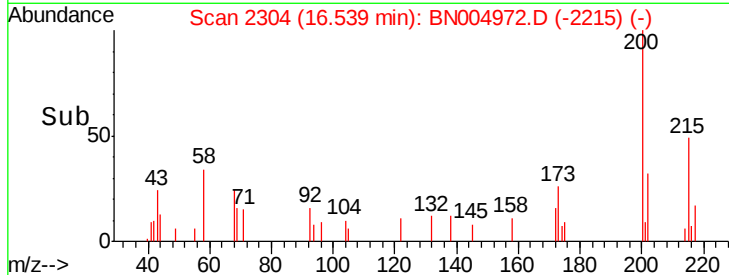
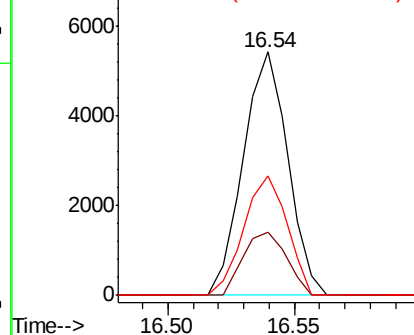
#69
Atrazine
Concen: 9.886 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.4	46.4
215	49.3	28.8	68.8

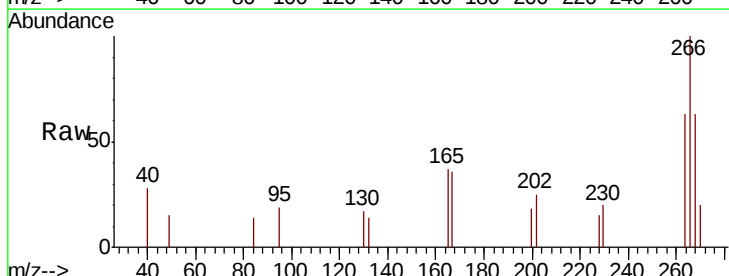


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

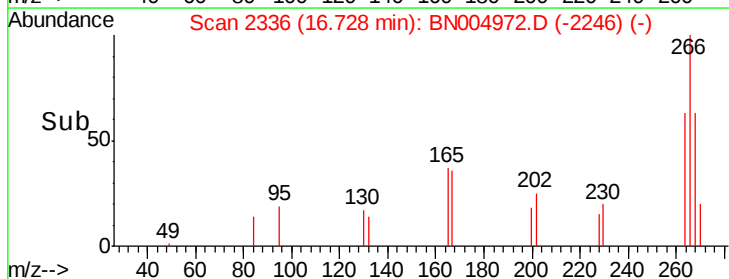
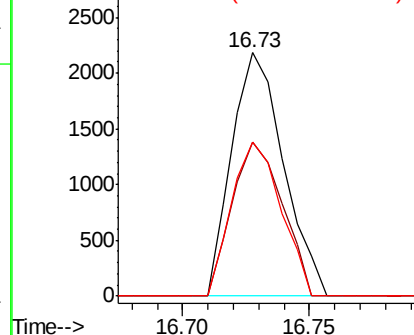


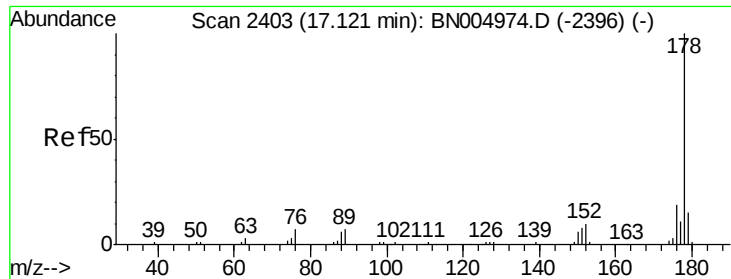
#70
Pentachlorophenol
Concen: 5.589 ng
RT: 16.73 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.8	76.2
264	63.0	50.0	75.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

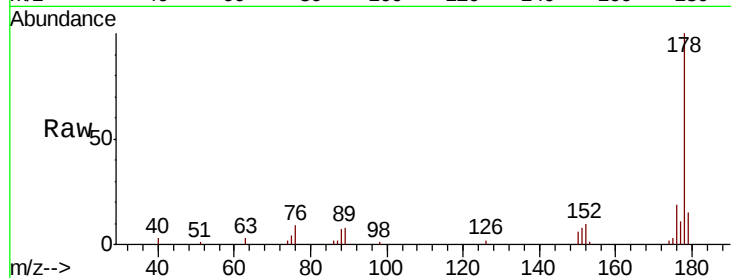




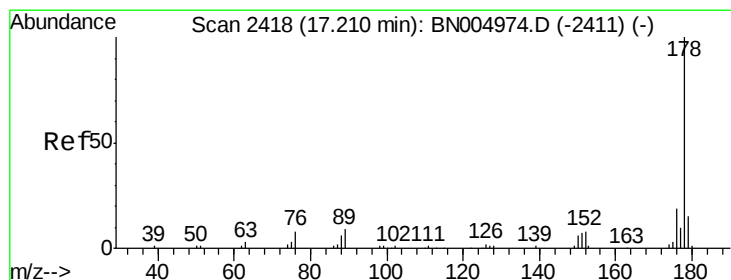
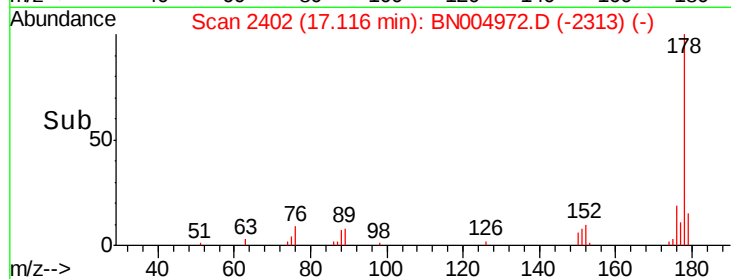
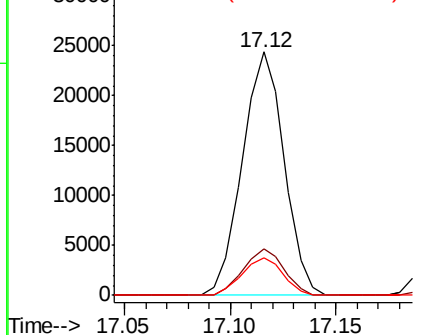
#71
Phenanthrene
Concen: 11.259 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 33417
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.3 18.5

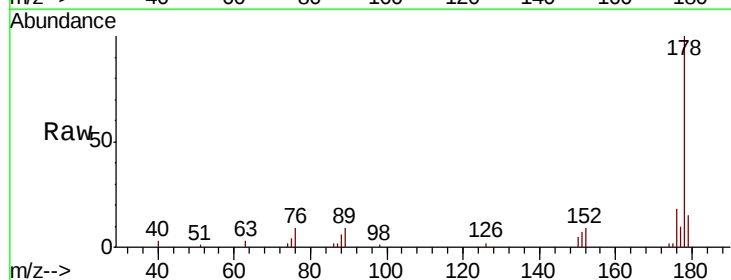


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

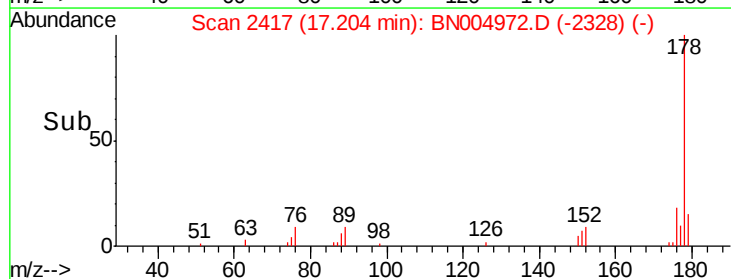
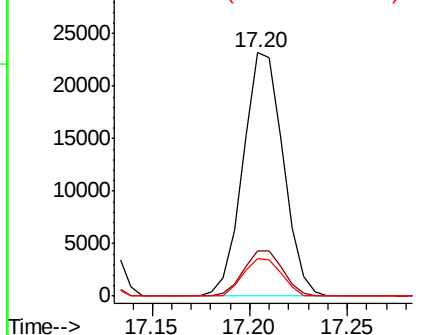


#72
Anthracene
Concen: 11.387 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:178 Resp: 33036
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.5 12.3 18.5



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

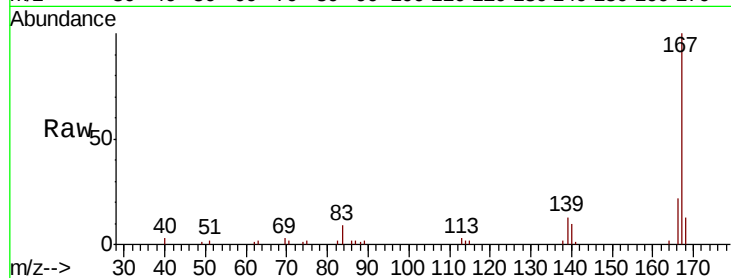




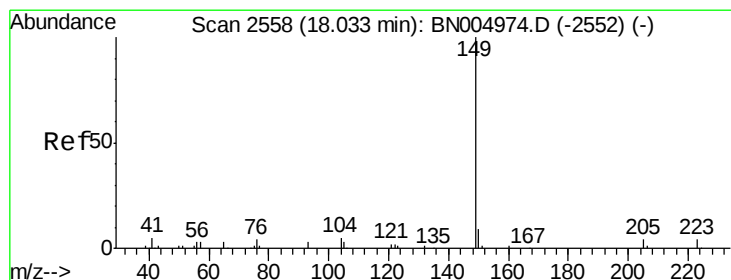
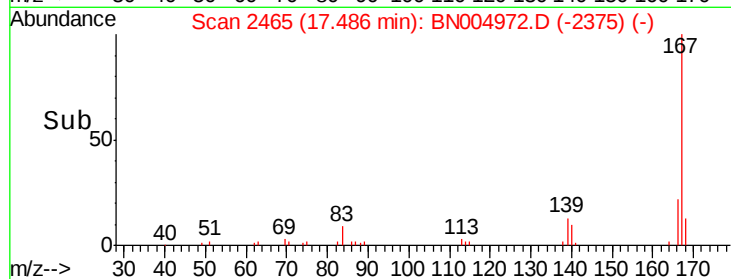
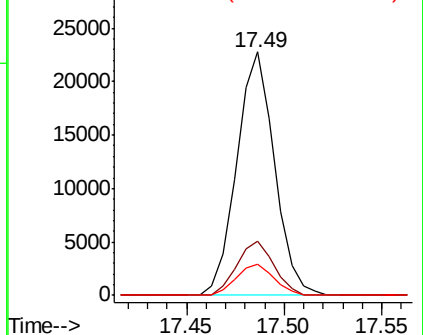
#73
 Carbazole
 Concen: 10.698 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:167 Resp: 30461
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.9 10.6 16.0

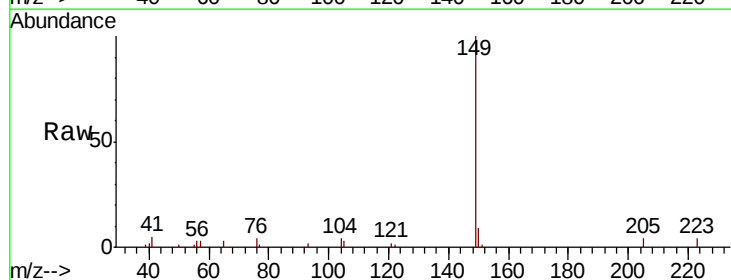


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

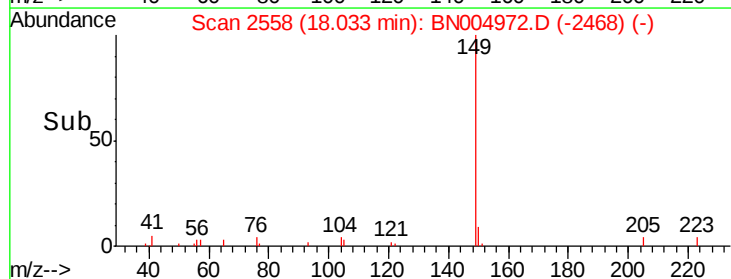
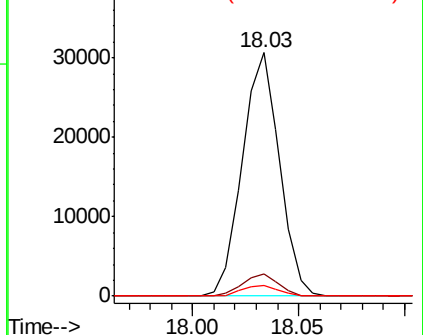


#74
 Di-n-butylphthalate
 Concen: 11.087 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion:149 Resp: 37249
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 12.180 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

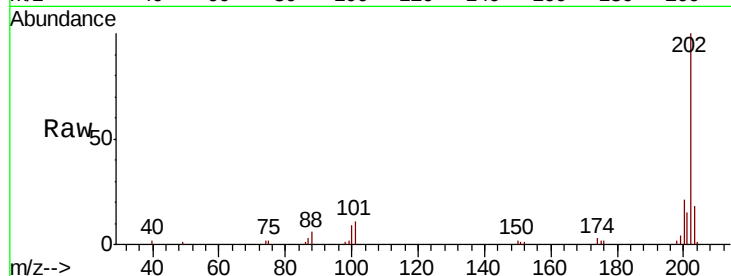
Tot Ion:202 Resp: 38972

Ion Ratio Lower Upper

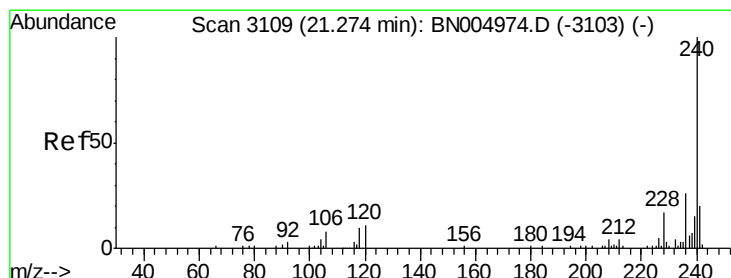
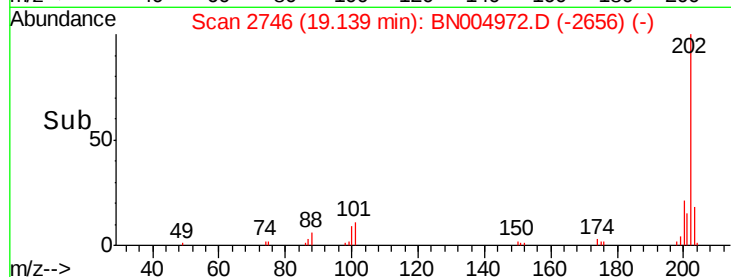
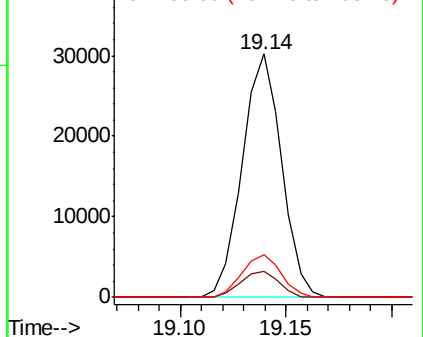
202 100

101 10.7 0.0 31.1

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

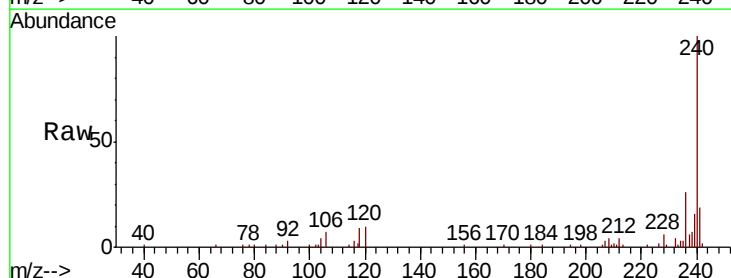
Tgt Ion:240 Resp: 58304

Ion Ratio Lower Upper

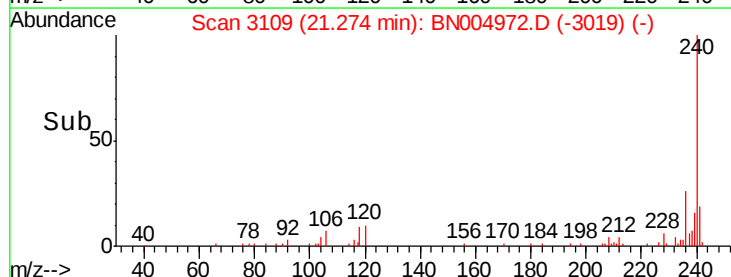
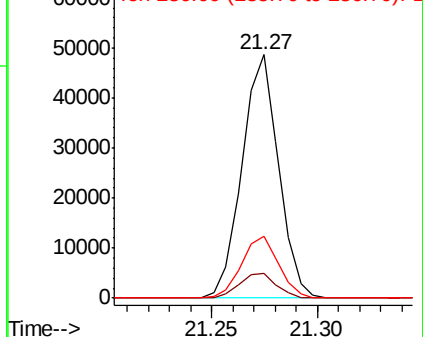
240 100

120 9.9 8.5 12.7

236 25.6 21.2 31.8



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





#77

Benzidine

Concen: 9.666 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

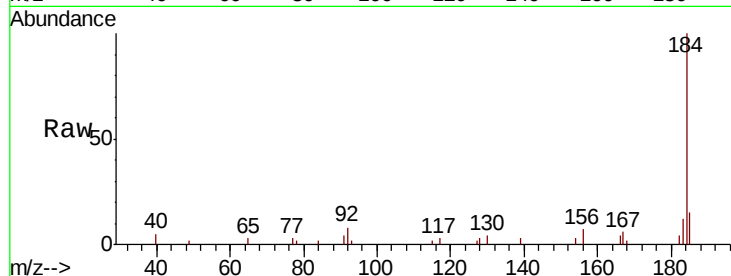
Tot Ion:184 Resp: 19490

Ion Ratio Lower Upper

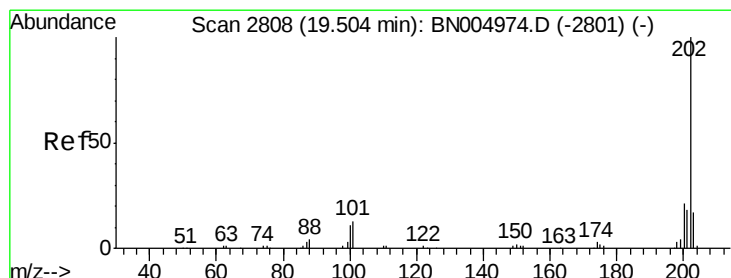
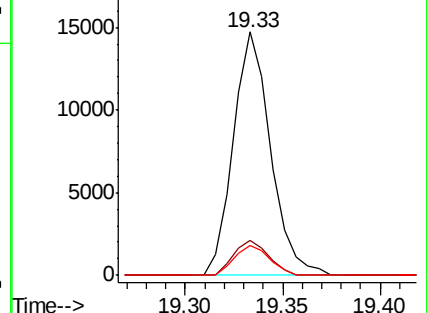
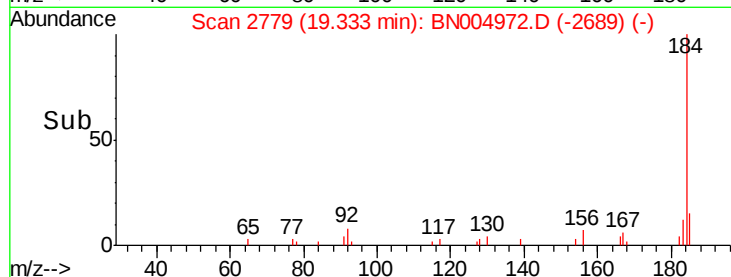
184 100

185 14.5 11.8 17.8

183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
20000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.253 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

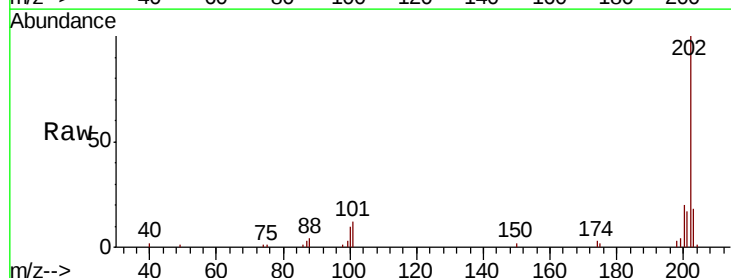
Tgt Ion:202 Resp: 40351

Ion Ratio Lower Upper

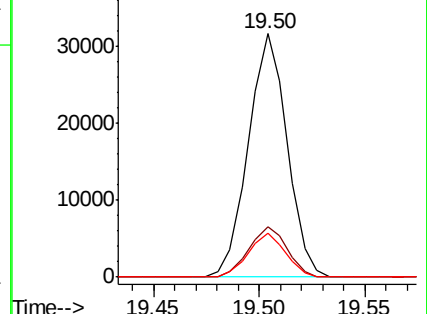
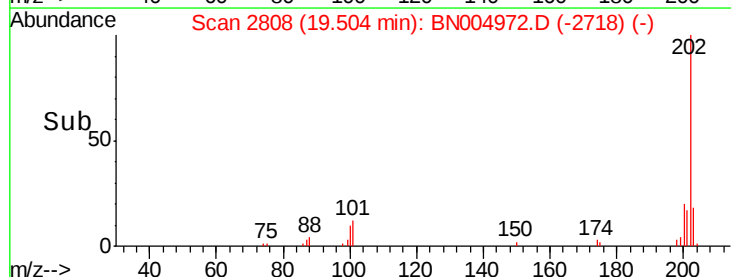
202 100

200 20.5 17.0 25.4

203 17.8 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
40000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 21.661 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

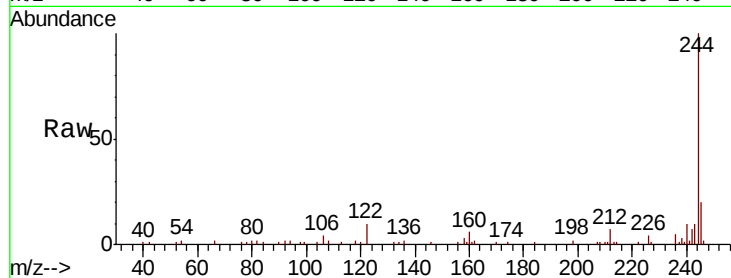
Tot Ion:244 Resp: 64149

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

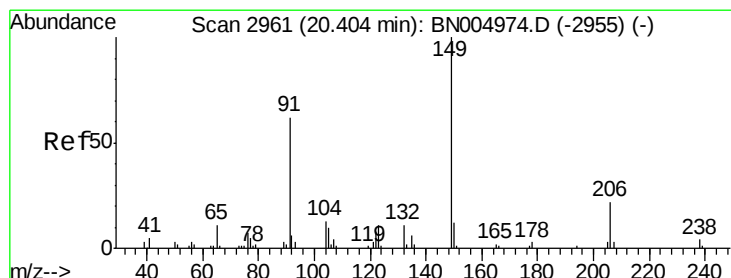
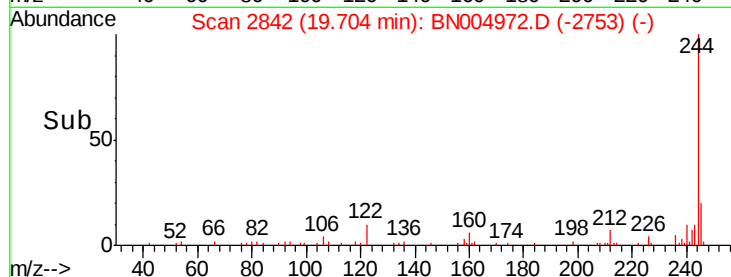
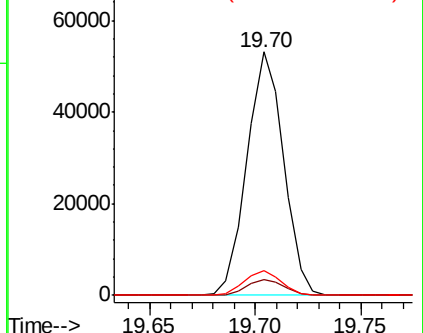
122 10.3 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.697 ng

RT: 20.40 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

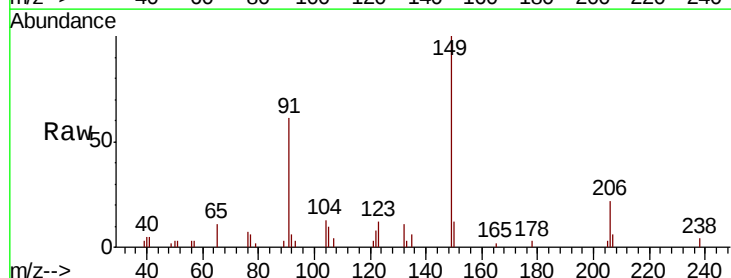
Tgt Ion:149 Resp: 16356

Ion Ratio Lower Upper

149 100

91 61.3 49.3 73.9

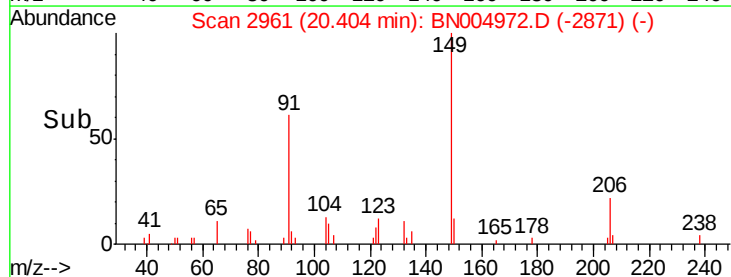
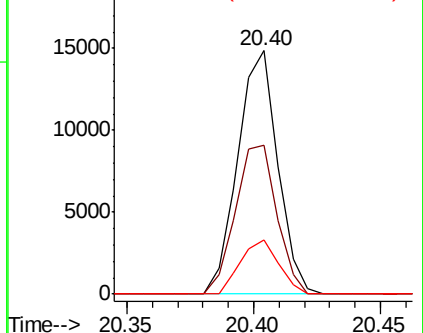
206 22.2 17.9 26.9

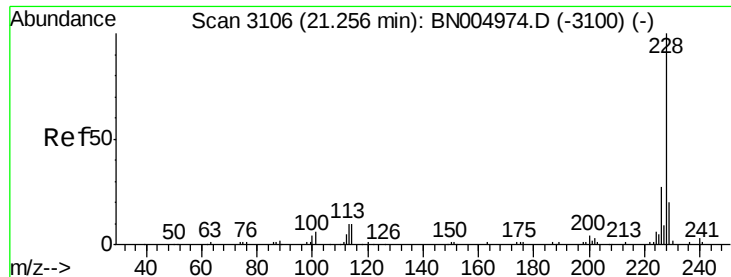


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

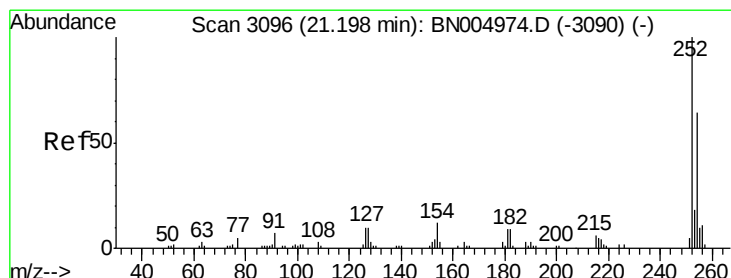
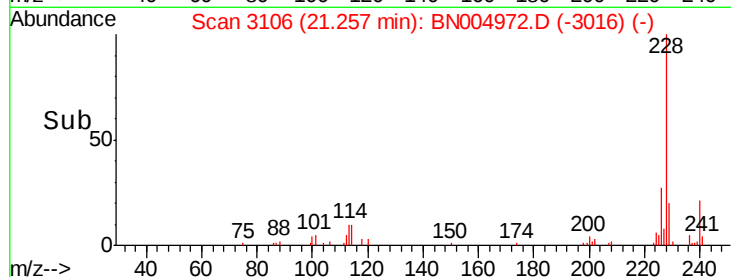
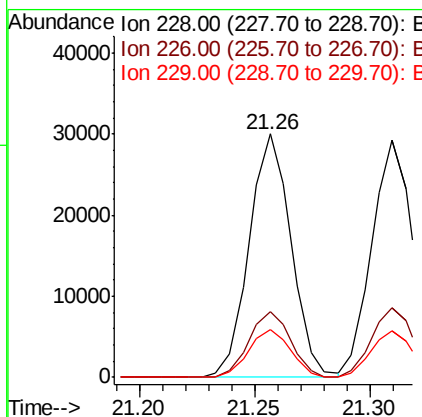
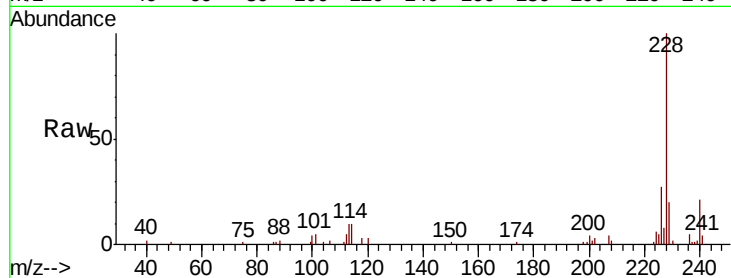




#81
Benzo(a)anthracene
Concen: 11.460 ng
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

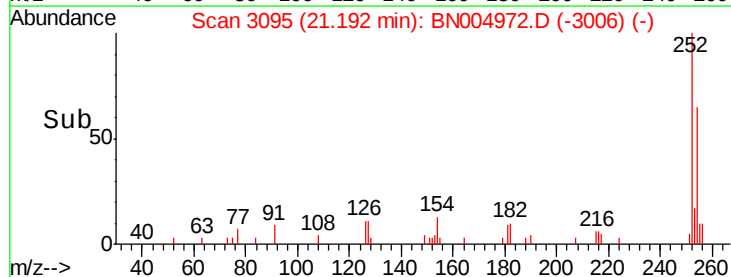
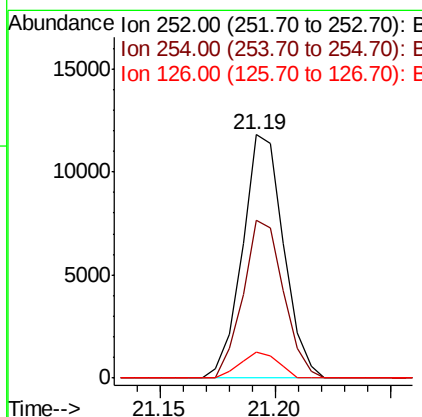
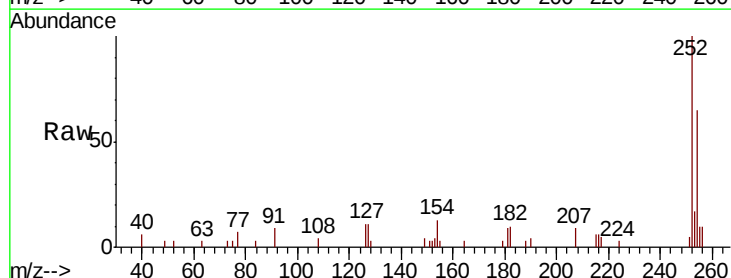
Instrument :
BNA_N
ClientSampleId :

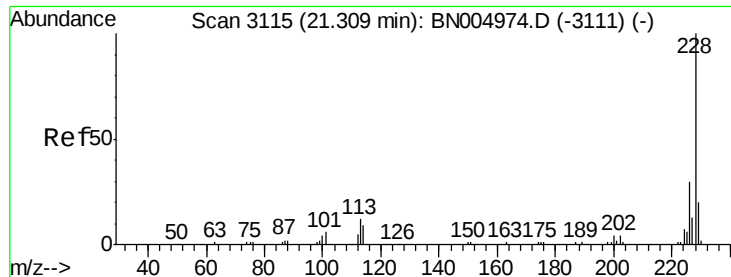
Tot Ion:228 Resp: 38009
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.6 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 10.624 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:252 Resp: 14685
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 10.8 7.9 11.9

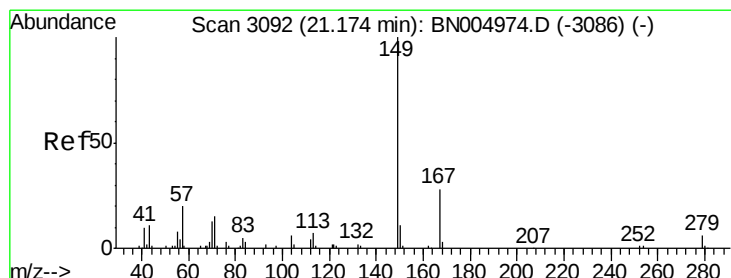
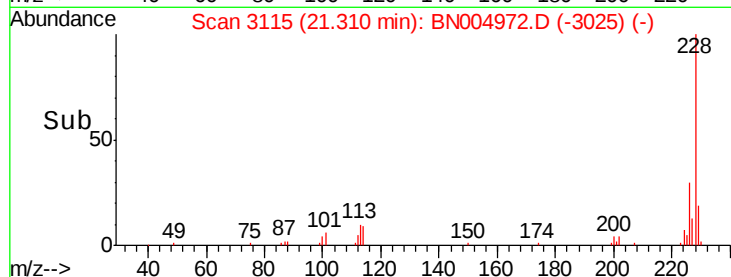
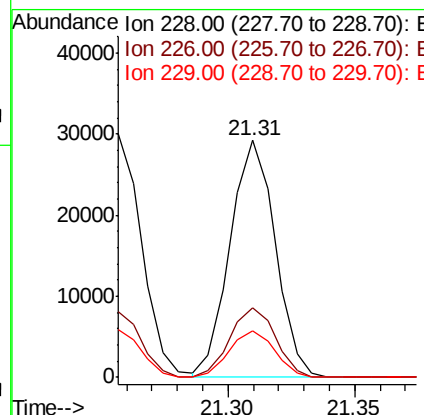
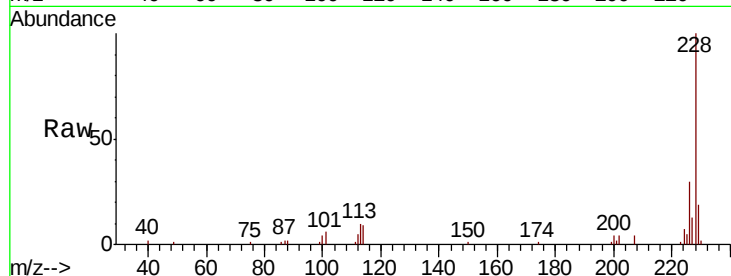




#83
 Chrysene
 Concen: 11.441 ng
 RT: 21.31 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

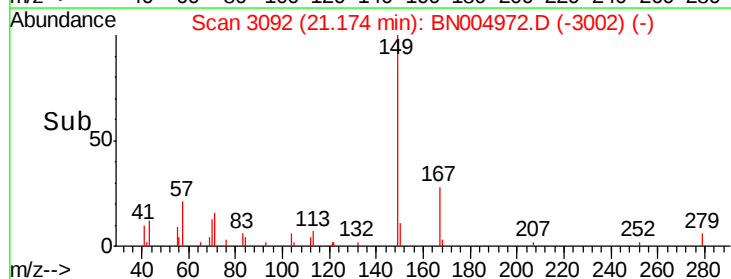
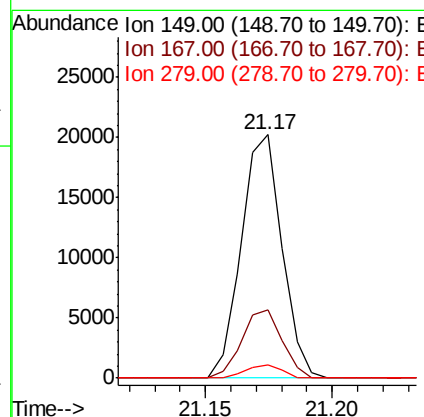
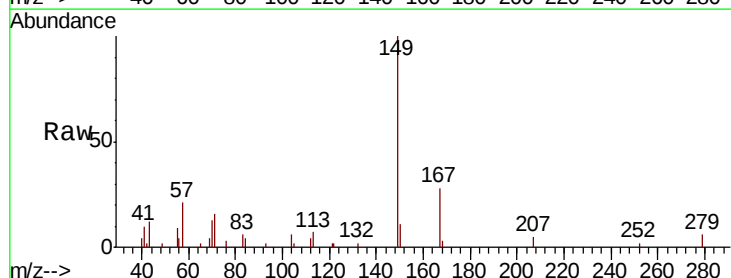
Instrument :
 BNA_N
 ClientSampled :

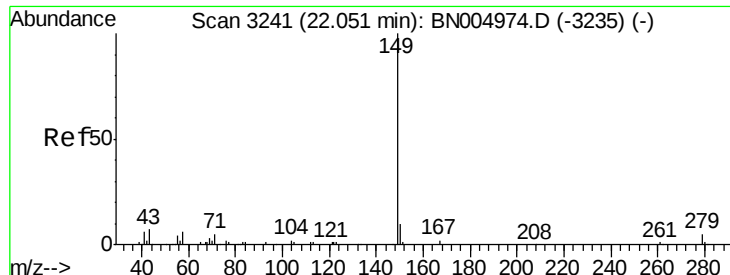
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.5	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.216 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN004972.D
 Acq: 26 Mar 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	5.6	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 9.750 ng

RT: 22.05 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

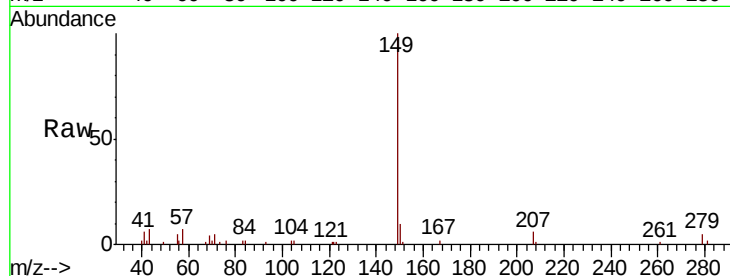
Tot Ion:149 Resp: 35421

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

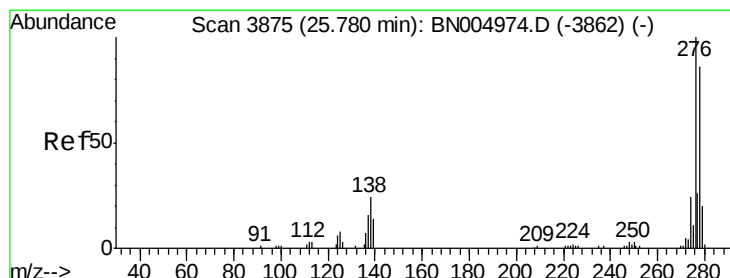
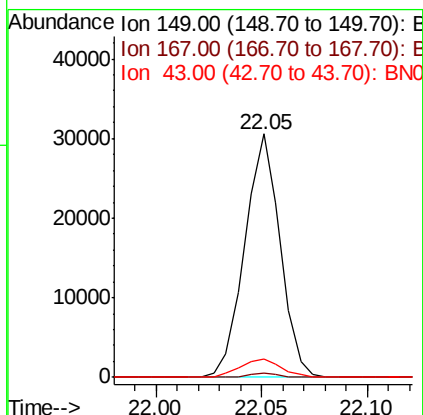
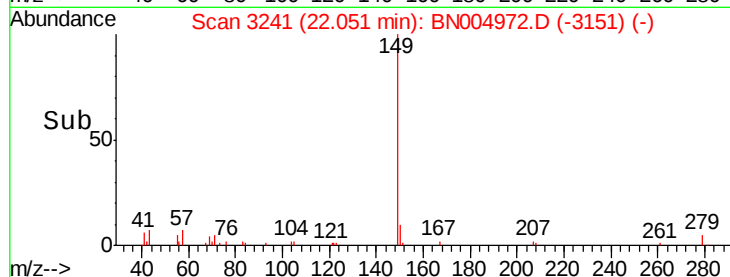
43 8.5 5.8 8.6



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): BNO



#86

Indeno(1,2,3-cd)pyrene

Concen: 10.521 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

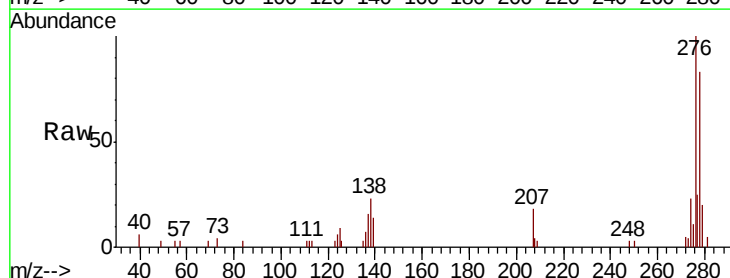
Tgt Ion:276 Resp: 35231

Ion Ratio Lower Upper

276 100

138 23.0 18.5 27.7

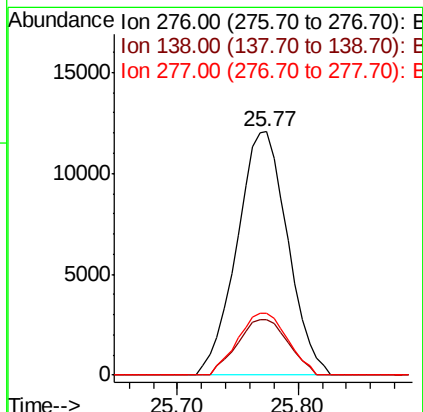
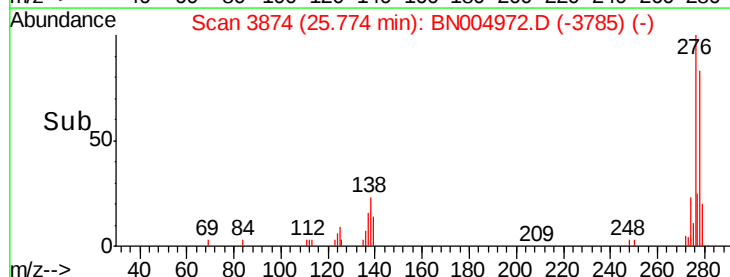
277 25.1 20.4 30.6

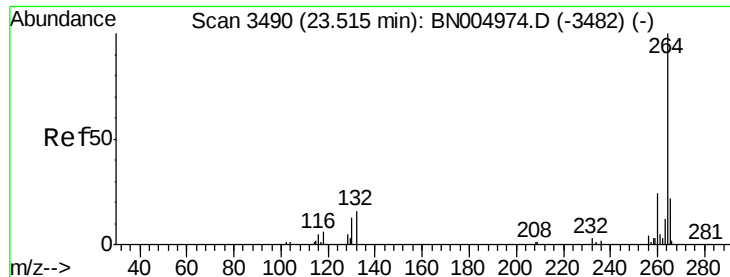


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

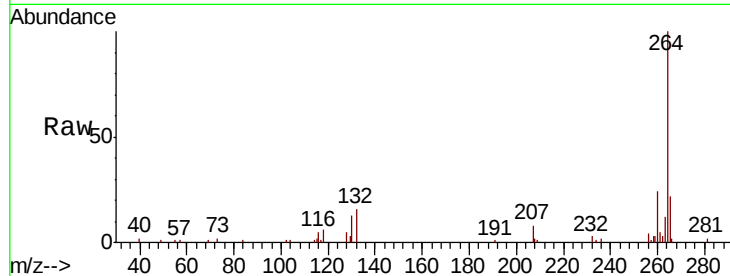




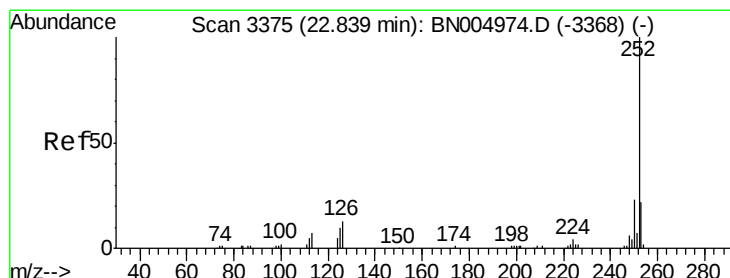
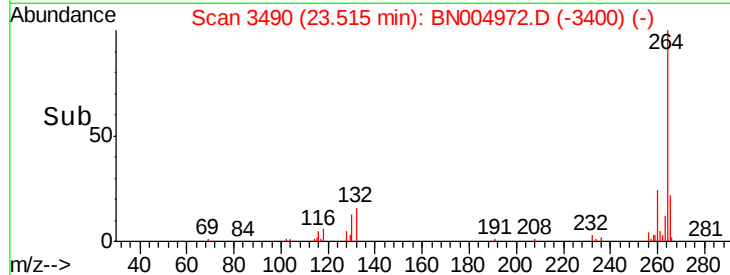
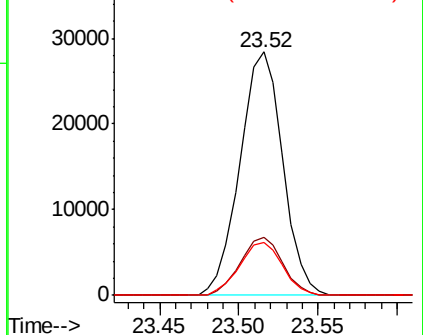
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 53267
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.9 17.2 25.8

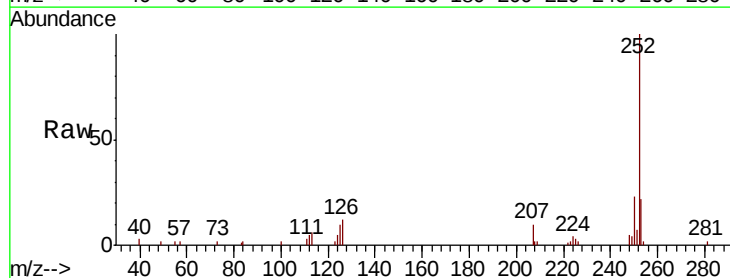


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

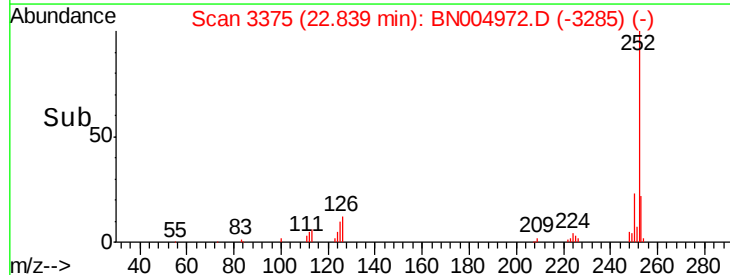
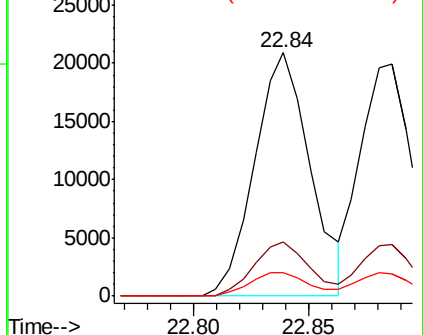


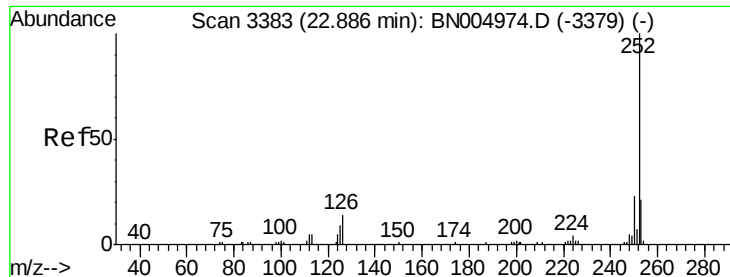
#88
Benzo(b)fluoranthene
Concen: 11.780 ng
RT: 22.84 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion:252 Resp: 34935
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.5 8.1 12.1



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





#89

Benzo(k)fluoranthene

Concen: 10.631 ng

RT: 22.89 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

Instrument :

BNA_N

ClientSampleId :

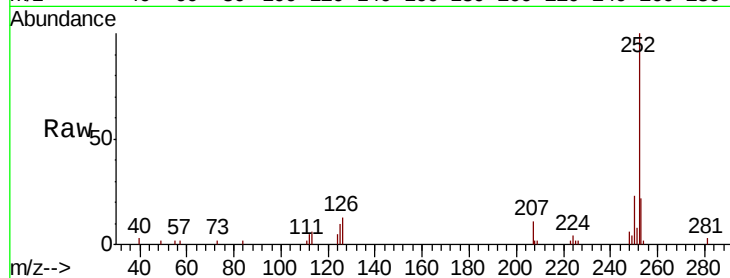
Tot Ion:252 Resp: 31373

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

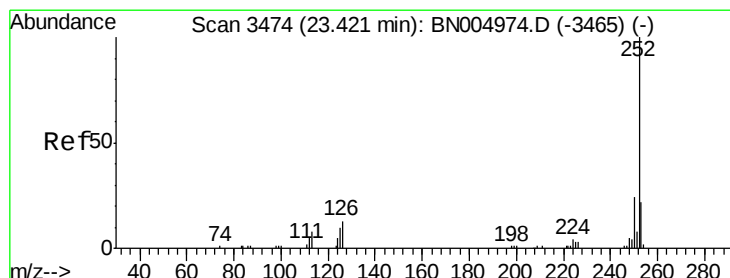
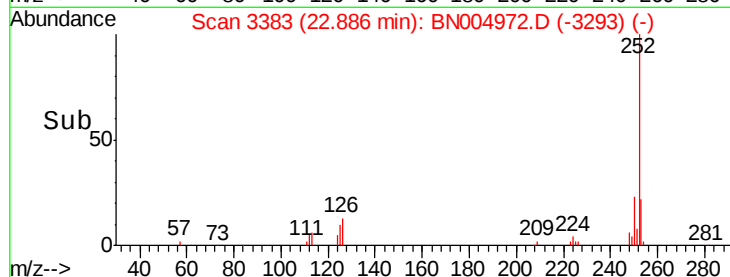
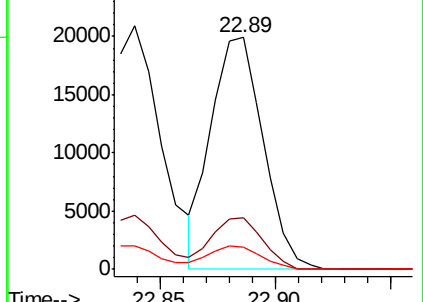
125 9.8 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 11.302 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BN004972.D

Acq: 26 Mar 2019 12:30

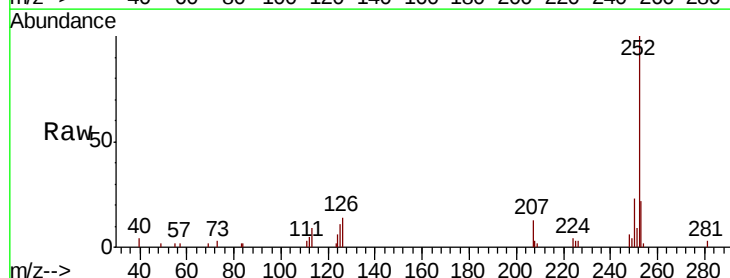
Tgt Ion:252 Resp: 31056

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

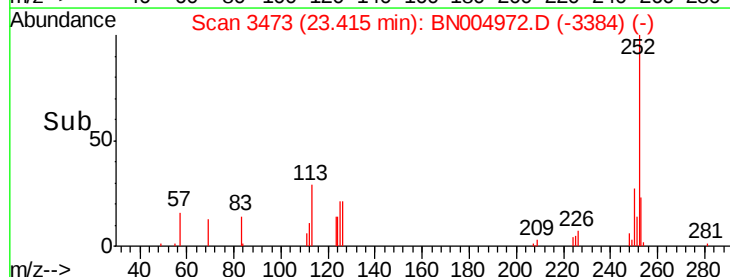
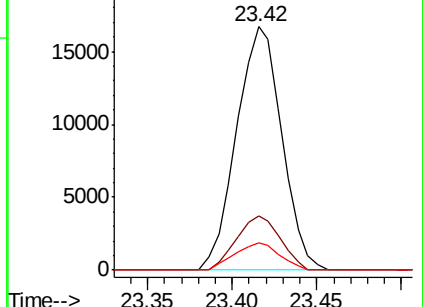
125 11.3 8.2 12.4

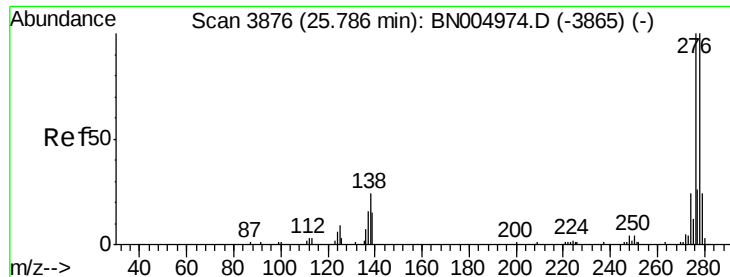


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

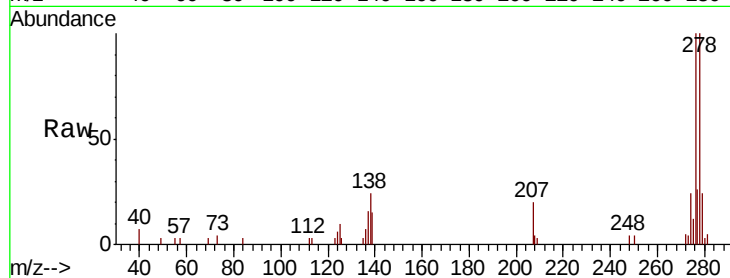




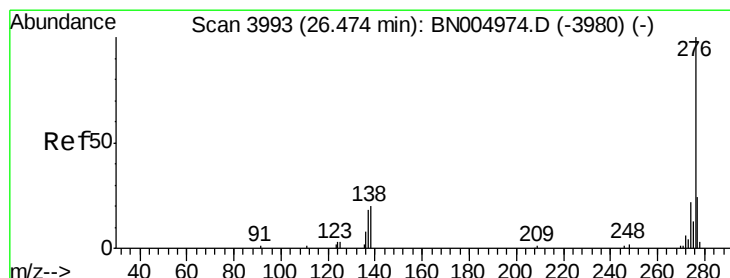
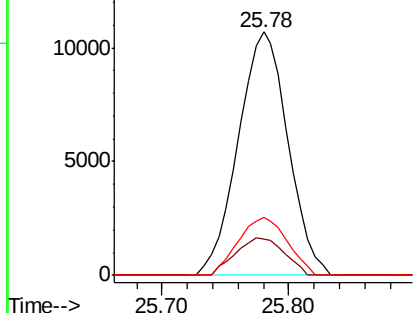
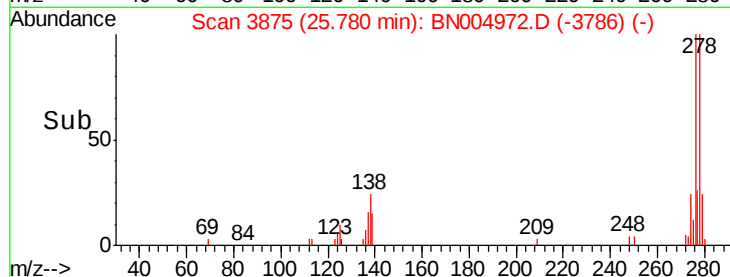
#91
Dibenzo(a,h)anthracene
Concen: 10.377 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.8	17.8
279	23.7	19.3	28.9

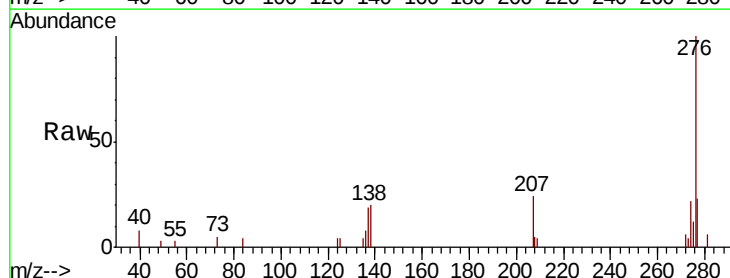


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 10.437 ng
RT: 26.47 min Scan# 3992
Delta R.T. -0.01 min
Lab File: BN004972.D
Acq: 26 Mar 2019 12:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.5	29.3
138	20.0	16.2	24.2



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

