

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004973.D
 Acq On : 26 Mar 2019 13:06
 Operator : JU/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 26 15:15:44 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	9334	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	42182	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	25011	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	56062	20.00	ng	0.00
76) Chrysene-d12	21.27	240	56920	20.00	ng	0.00
87) Perylene-d12	23.52	264	51808	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	21693	41.92	ng	0.00
7) Phenol-d6	6.85	99	29071	40.50	ng	0.00
23) Nitrobenzene-d5	8.84	82	28108	41.94	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	16251	43.59	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	76298	40.72	ng	0.00
79) Terphenyl-d14	19.70	244	122101	42.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	3906	19.527	ng	97
3) Pyridine	3.60	79	11112	18.582	ng	99
4) n-Nitrosodimethylamine	3.53	42	3292	18.043	ng	# 94
6) Aniline	7.02	93	18463	20.815	ng	99
8) 2-Chlorophenol	7.25	128	13865	21.166	ng	98
9) Benzaldehyde	6.83	77	9329	18.991	ng	97
10) Phenol	6.88	94	15417	19.908	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	11912	19.401	ng	97
12) 1,3-Dichlorobenzene	7.56	146	14971	20.257	ng	98
13) 1,4-Dichlorobenzene	7.71	146	15331	20.297	ng	99
14) 1,2-Dichlorobenzene	8.02	146	14678	20.091	ng	99
15) Benzyl Alcohol	7.92	79	10786	20.163	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	14668	18.629	ng	99
17) 2-Methylphenol	8.12	107	10945	20.482	ng	99
18) Hexachloroethane	8.74	117	5380	21.885	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	9725	20.125	ng	98
20) 3+4-Methylphenols	8.45	107	14829	19.928	ng	99
22) Acetophenone	8.50	105	19630	20.411	ng	100
24) Nitrobenzene	8.88	77	14184	20.626	ng	99
25) Isophorone	9.39	82	27842	23.992	ng	99
26) 2-Nitrophenol	9.59	139	8081	20.669	ng	98
27) 2,4-Dimethylphenol	9.65	122	11563	20.692	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	17186	21.271	ng	98
29) 2,4-Dichlorophenol	10.12	162	13110	19.938	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	14458	19.292	ng	99
31) Naphthalene	10.51	128	44819	21.828	ng	100
32) Benzoic acid	9.78	122	7612	18.425	ng	98
33) 4-Chloroaniline	10.63	127	18272	19.944	ng	100
34) Hexachlorobutadiene	10.78	225	9308	20.742	ng	100
35) Caprolactam	11.41	113	4339	18.714	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	14397	20.669	ng	99
37) 2-Methylnaphthalene	12.13	142	31974	21.804	ng	100
38) 1-Methylnaphthalene	12.35	142	31490	22.170	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	17380	19.331	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	8012	20.672	nq	98
43) 2,4,6-Trichlorophenol	12.75	196	10825	19.391	nq	99
44) 2,4,5-Trichlorophenol	12.83	196	11841	19.885	nq	100
46) 1,1'-Biphenyl	13.15	154	42303	19.097	nq	100
47) 2-Chloronaphthalene	13.19	162	32414	19.448	nq	99
48) 2-Nitroaniline	13.42	65	8617	20.750	nq	99
49) Acenaphthylene	14.05	152	55097	22.408	nq	100
50) Dimethylphthalate	13.79	163	41873	21.371	nq	99
51) 2,6-Dinitrotoluene	13.92	165	9476	20.719	nq	96
52) Acenaphthene	14.39	154	31005	20.792	nq	99
53) 3-Nitroaniline	14.25	138	9547	19.526	nq	95
54) 2,4-Dinitrophenol	14.46	184	4326	23.351	nq	96
55) Dibenzofuran	14.73	168	49892	20.311	nq	100
56) 4-Nitrophenol	14.57	139	6962	18.636	nq	98
57) 2,4-Dinitrotoluene	14.70	165	12938	20.929	nq	# 98
58) Fluorene	15.37	166	40666	22.404	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	11066	20.590	nq	# 99
60) Diethylphthalate	15.15	149	42605	20.551	nq	99
61) 4-Chlorophenyl-phenylether	15.37	204	21021	19.672	nq	99
62) 4-Nitroaniline	15.42	138	9746	19.863	nq	99
63) Azobenzene	15.66	77	35127	20.759	nq	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	6928	21.077	nq	97
66) n-Nitrosodiphenylamine	15.59	169	35623	20.061	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	13823	19.548	nq	97
68) Hexachlorobenzene	16.37	284	16074	19.531	nq	100
69) Atrazine	16.54	200	13072	19.680	nq	100
70) Pentachlorophenol	16.73	266	7312	13.330	nq	98
71) Phenanthrene	17.12	178	63831	21.795	nq	100
72) Anthracene	17.20	178	63394	22.145	nq	99
73) Carbazole	17.49	167	58788	20.925	nq	100
74) Di-n-butylphthalate	18.03	149	72206	21.781	nq	100
75) Fluoranthene	19.14	202	74874	23.716	nq	99
77) Benzidine	19.33	184	39036	19.831	nq	99
78) Pyrene	19.50	202	76373	19.878	nq	99
80) Butylbenzylphthalate	20.40	149	31423	19.083	nq	100
81) Benzo(a)anthracene	21.26	228	71583	22.108	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	27762	20.573	nq	98
83) Chrysene	21.31	228	68882	22.244	nq	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	43338	18.149	nq	99
85) Di-n-octyl phthalate	22.05	149	68385	19.282	nq	99
86) Indeno(1,2,3-cd)pyrene	25.77	276	67425	20.625	nq	100
88) Benzo(b)fluoranthene	22.84	252	65981	22.875	nq	100
89) Benzo(k)fluoranthene	22.89	252	60229	20.984	nq	99
90) Benzo(a)pyrene	23.42	252	59097	22.113	nq	99
91) Dibenzo(a,h)anthracene	25.78	278	55479	20.385	nq	99
92) Benzo(g,h,i)perylene	26.47	276	54275	20.508	nq	99

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

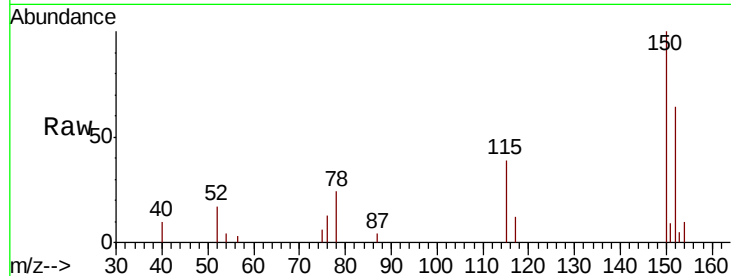


#1

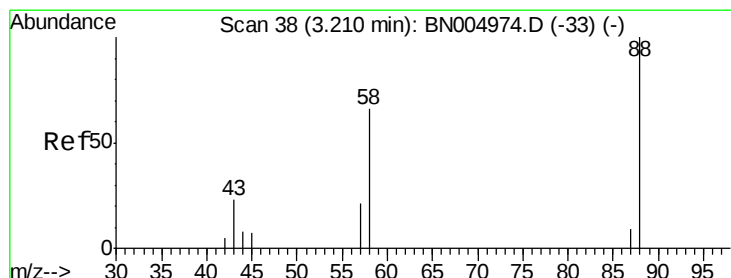
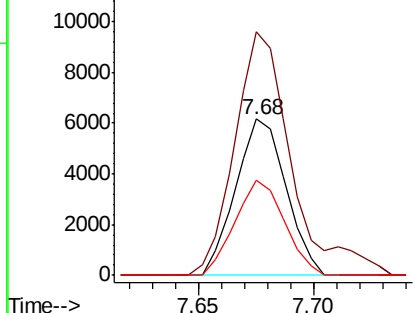
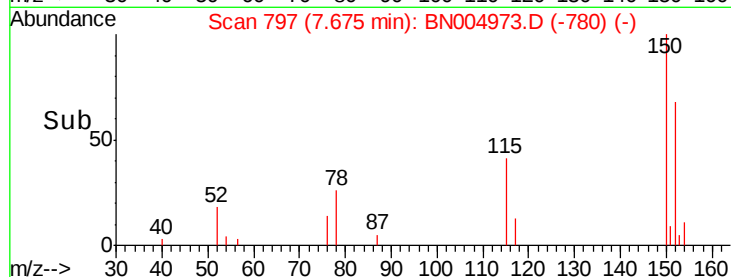
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9334
Ion Ratio Lower Upper
152 100
150 155.6 126.9 190.3
115 60.7 47.8 71.6



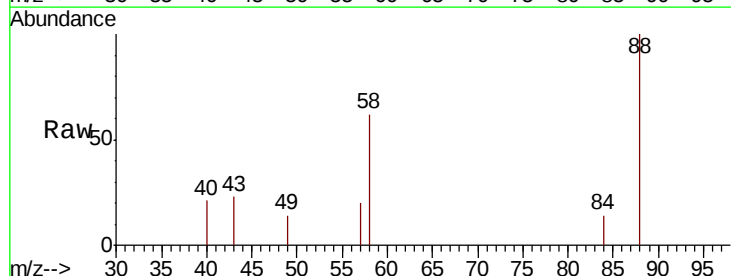
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



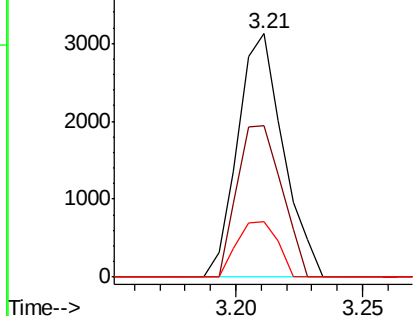
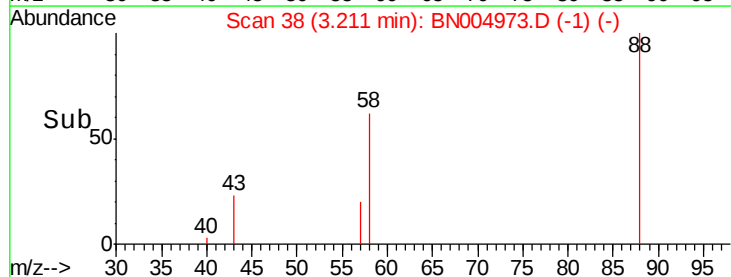
#2

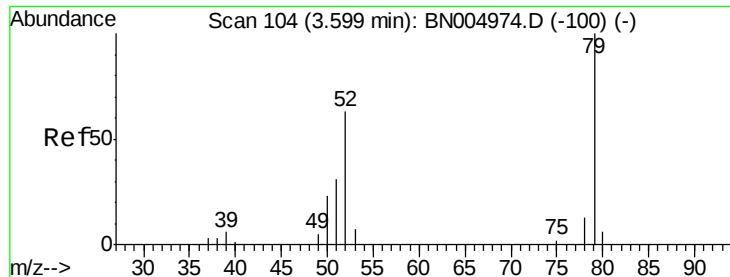
1,4-Dioxane
Concen: 19.527 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion: 88 Resp: 3906
Ion Ratio Lower Upper
88 100
58 61.0 51.0 76.6
43 20.3 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: 18.582 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

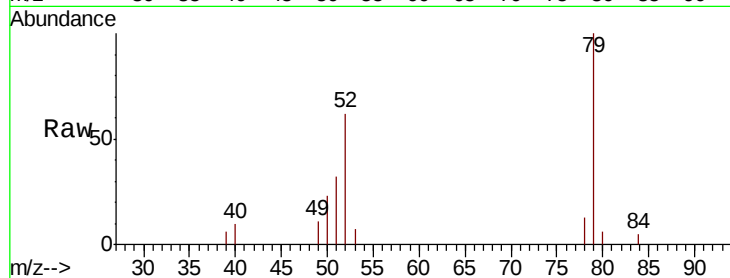
Tot Ion: 79 Resp: 11112

Ion Ratio Lower Upper

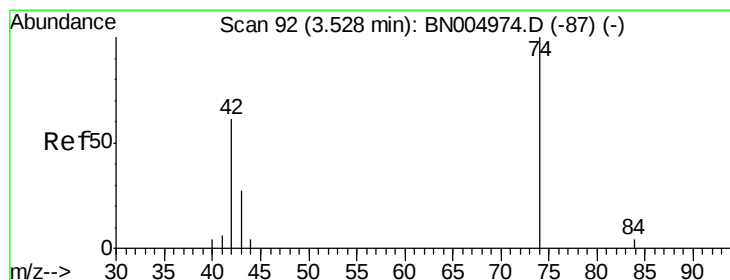
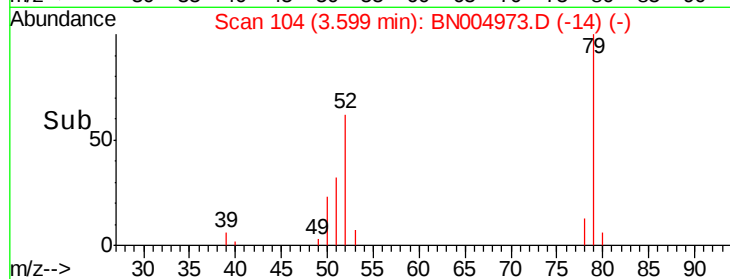
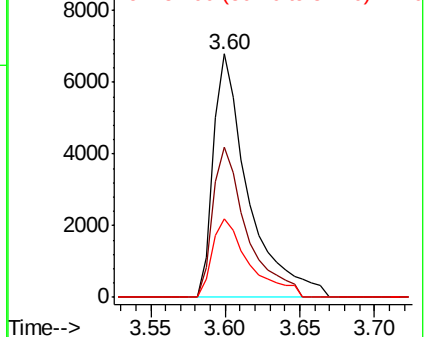
79 100

52 61.8 50.2 75.4

51 32.1 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 18.043 ng

RT: 3.53 min Scan# 92

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

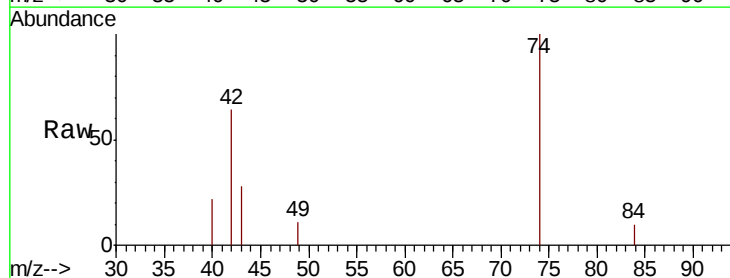
Tgt Ion: 42 Resp: 3292

Ion Ratio Lower Upper

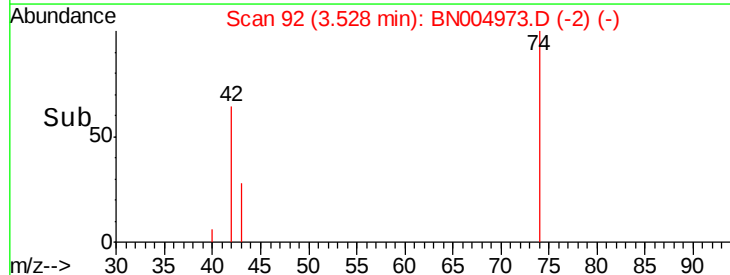
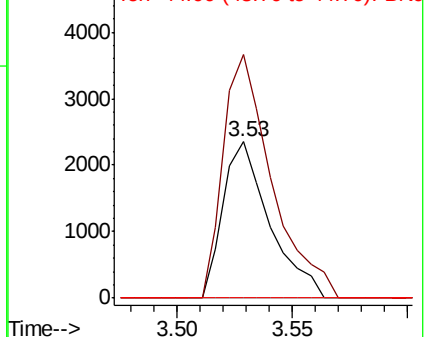
42 100

74 155.9 130.8 196.2

44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 41.917 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

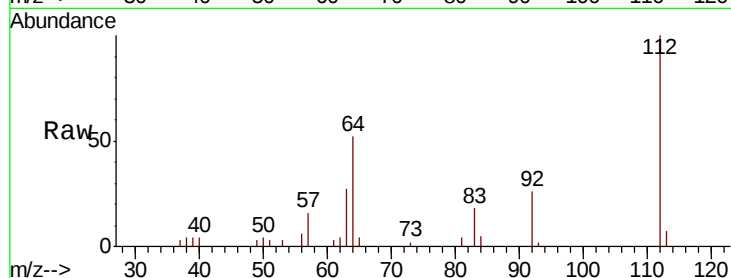
Tot Ion:112 Resp: 21693

Ion Ratio Lower Upper

112 100

64 51.8 41.9 62.9

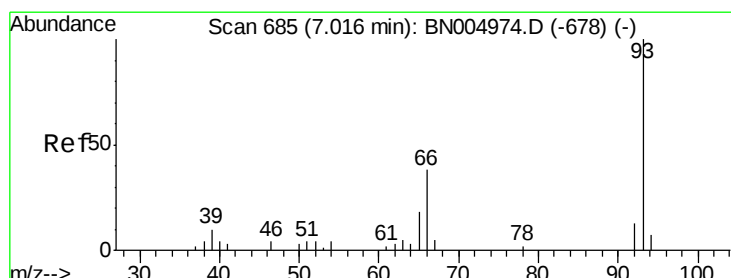
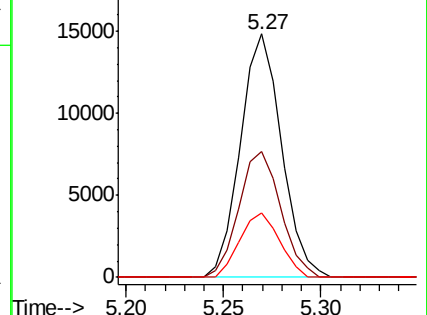
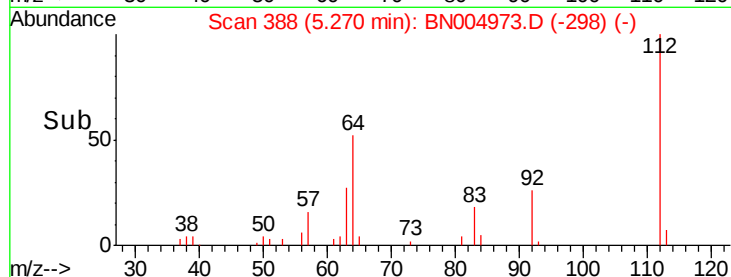
63 26.7 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#6

Aniline

Concen: 20.815 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

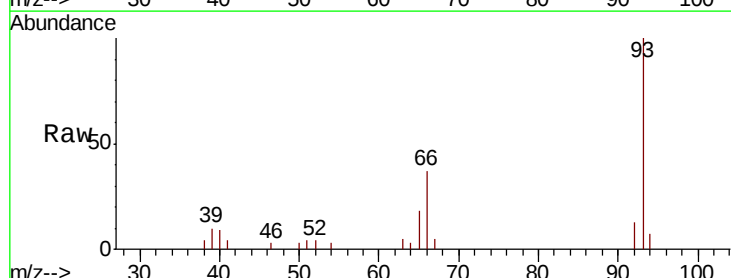
Tgt Ion: 93 Resp: 18463

Ion Ratio Lower Upper

93 100

66 37.0 30.2 45.4

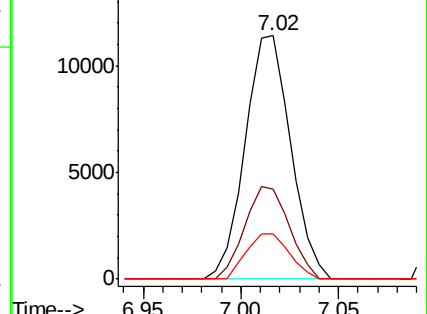
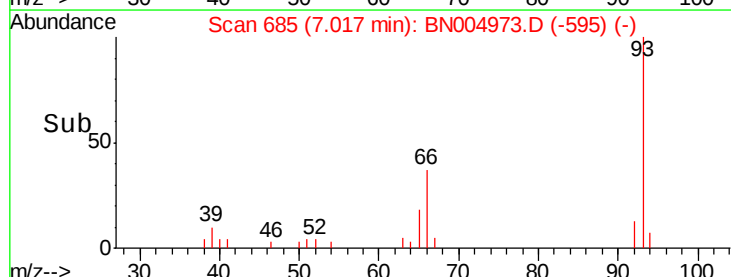
65 18.4 14.7 22.1

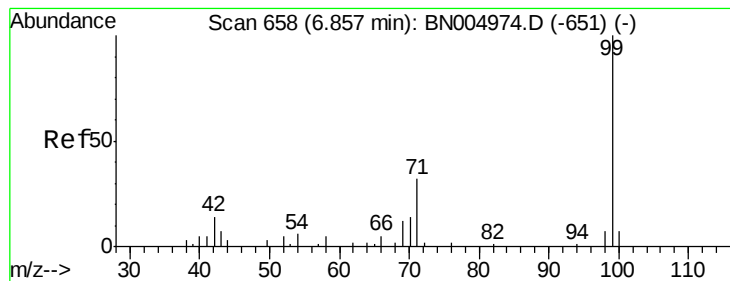


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

Ion 65.00 (64.70 to 65.70): BN0





#7

Phenol-d6

Concen: 40.503 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

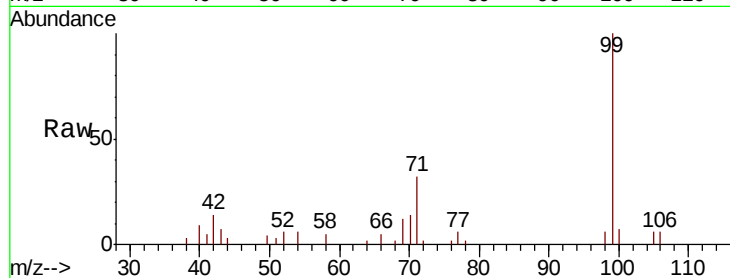
Tot Ion: 99 Resp: 29071

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

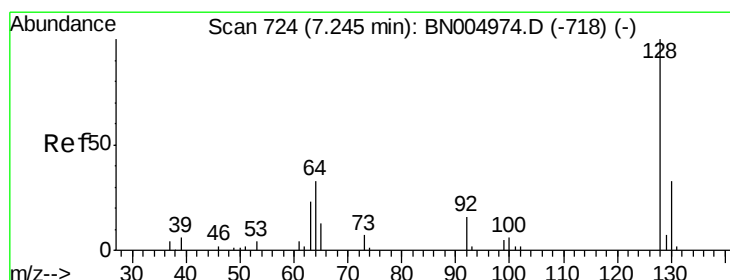
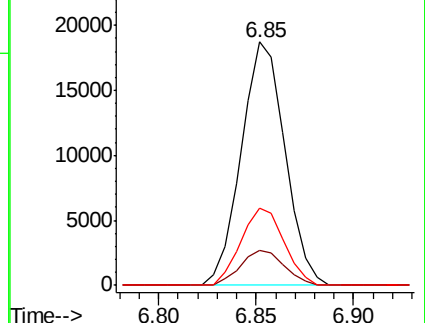
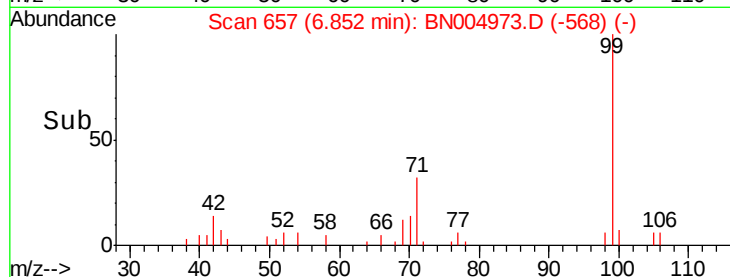
71 32.0 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004973.D (-658) (-)

Ion 42.00 (41.70 to 42.70): BN004973.D (-658) (-)

Ion 71.00 (70.70 to 71.70): BN004973.D (-658) (-)



#8

2-Chlorophenol

Concen: 21.166 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

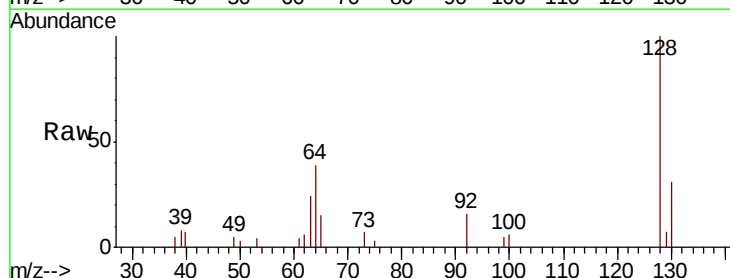
Tgt Ion: 128 Resp: 13865

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

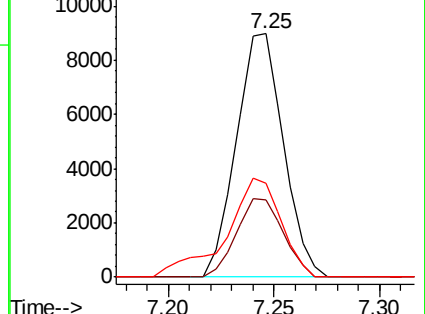
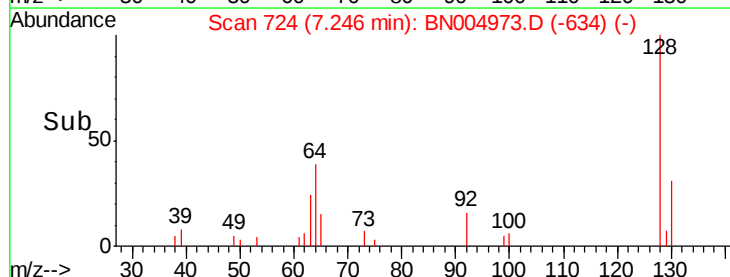
64 38.6 19.9 59.9



Abundance Ion 128.00 (127.70 to 128.70): BN004973.D (-634) (-)

Ion 130.00 (129.70 to 130.70): BN004973.D (-634) (-)

Ion 64.00 (63.70 to 64.70): BN004973.D (-634) (-)





#9

Benzaldehyde

Concen: 18.991 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

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ClientSampleId :

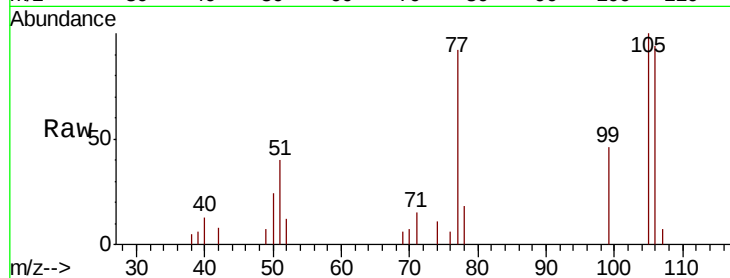
Tot Ion: 77 Resp: 9329

Ion Ratio Lower Upper

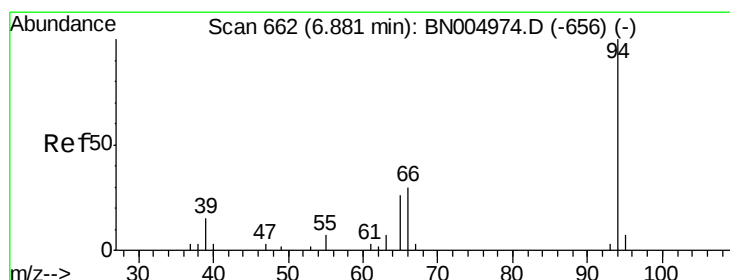
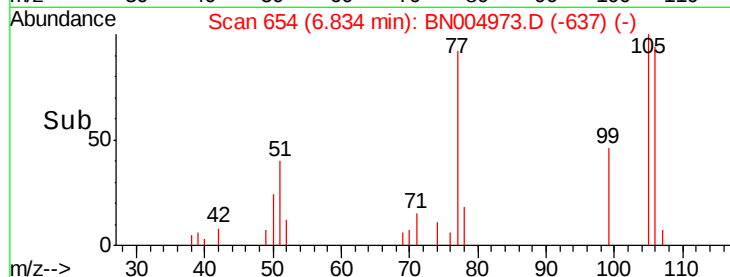
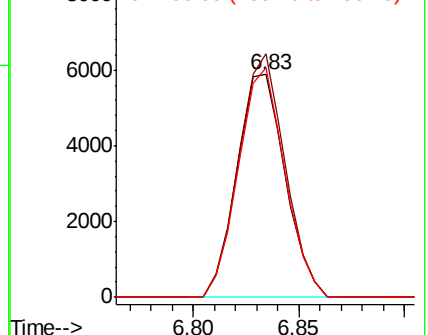
77 100

105 109.2 86.1 126.1

106 102.7 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: 19.908 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

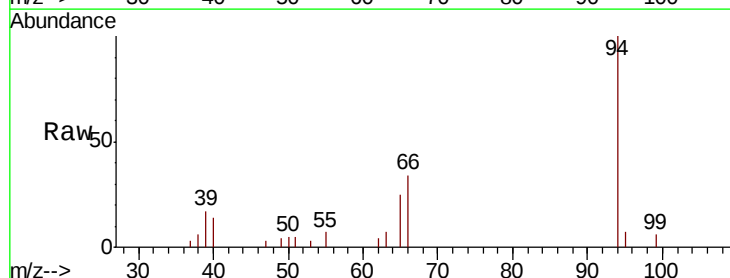
Tgt Ion: 94 Resp: 15417

Ion Ratio Lower Upper

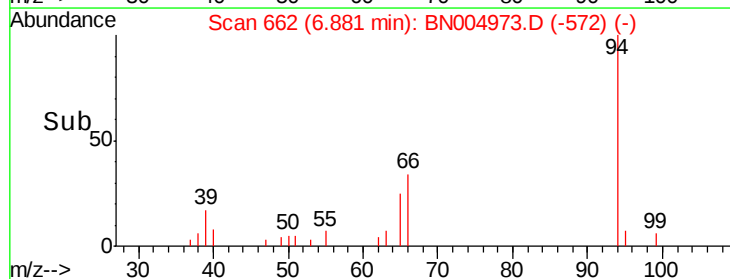
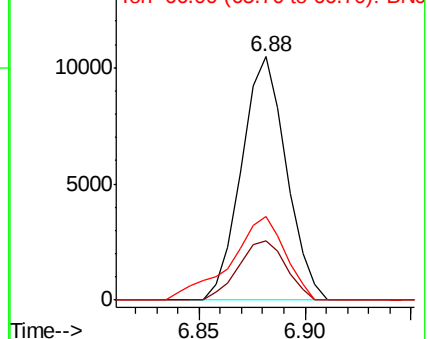
94 100

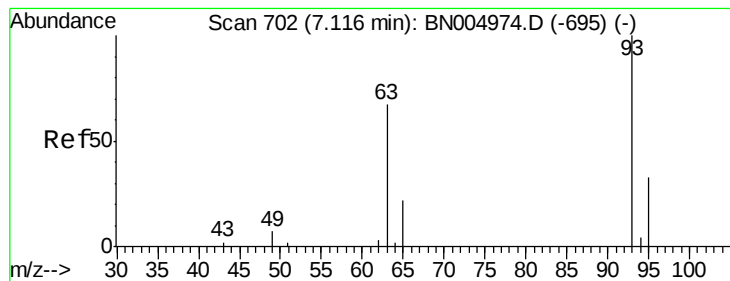
65 24.5 5.7 45.7

66 34.4 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

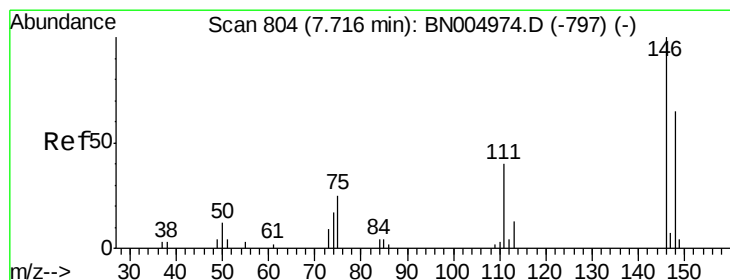
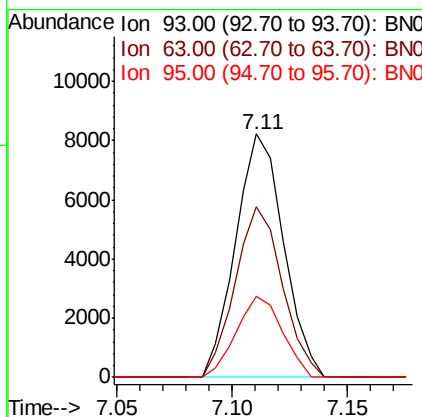
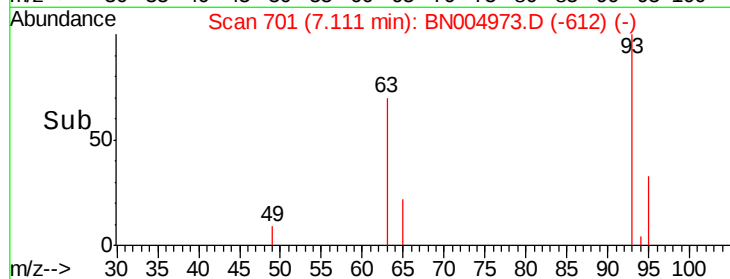
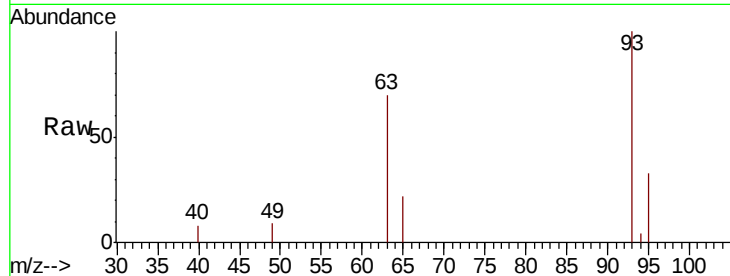




#11
bis(2-Chloroethyl)ether
Concen: 19.401 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

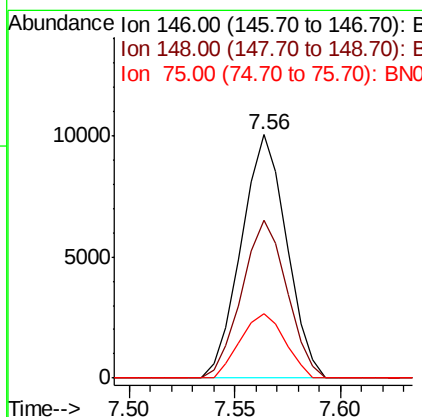
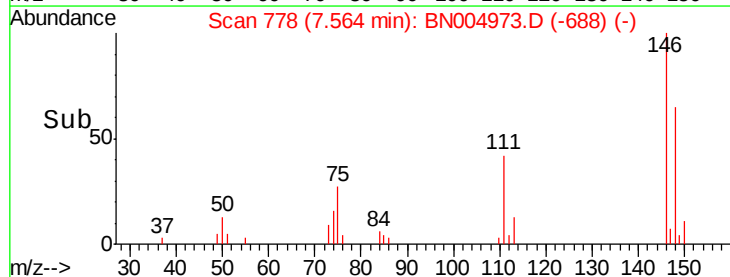
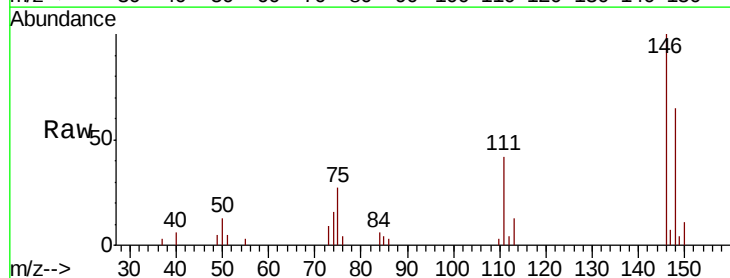
Instrument :
BNA_N
ClientSampleId :

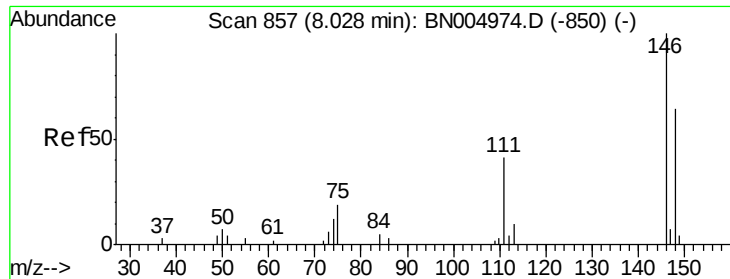
Tot Ion: 93 Resp: 11912
Ion Ratio Lower Upper
93 100
63 69.9 47.0 87.0
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 20.257 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion: 146 Resp: 14971
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
75 26.7 21.5 32.3

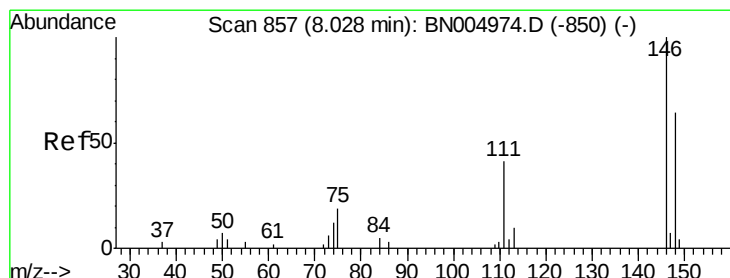
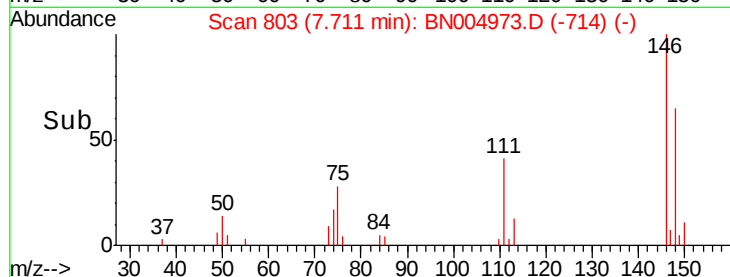
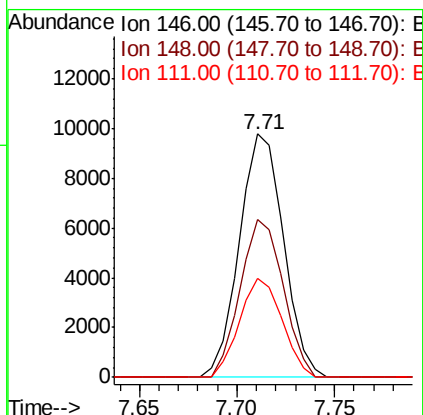
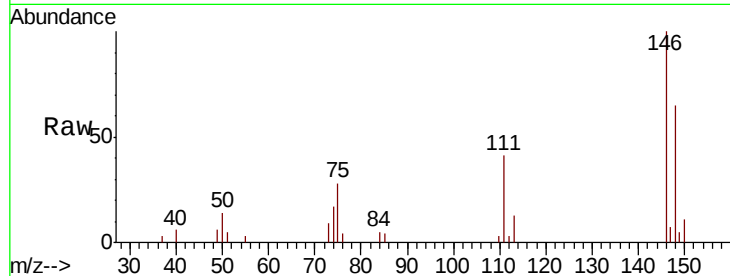




#13
 1,4-Dichlorobenzene
 Concen: 20.297 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

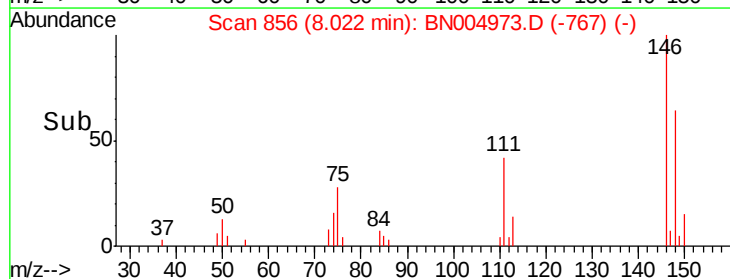
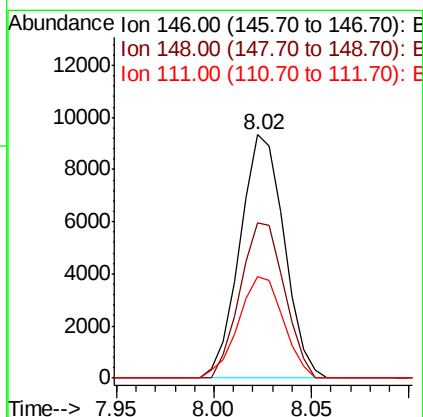
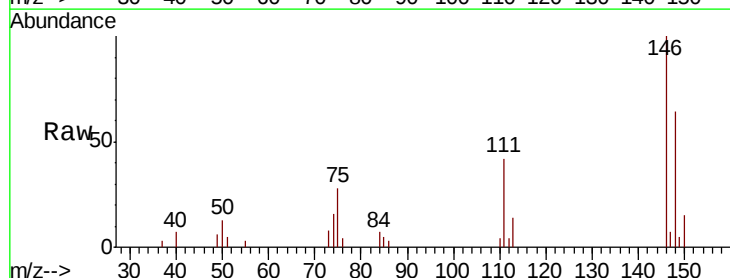
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 15331
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 40.5 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 20.091 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:146 Resp: 14678
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 111 41.5 32.6 49.0





#15

Benzyl Alcohol

Concen: 20.163 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

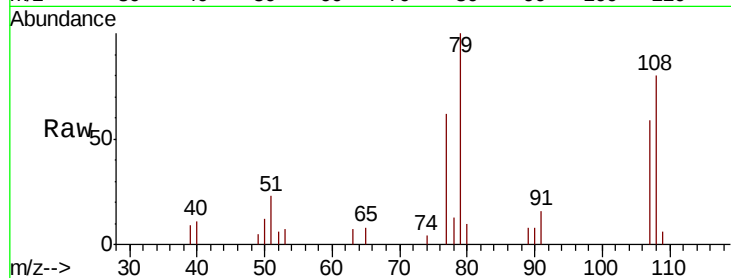
Tot Ion: 79 Resp: 10786

Ion Ratio Lower Upper

79 100

108 80.3 64.0 96.0

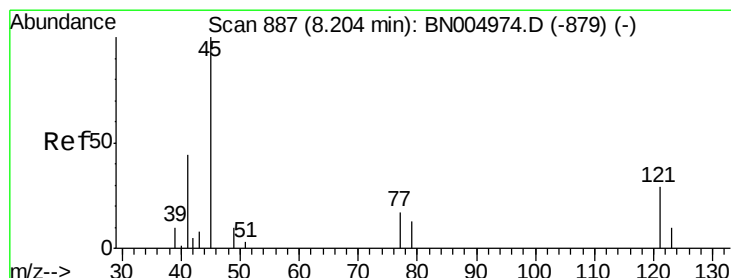
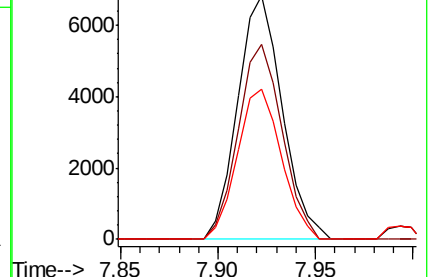
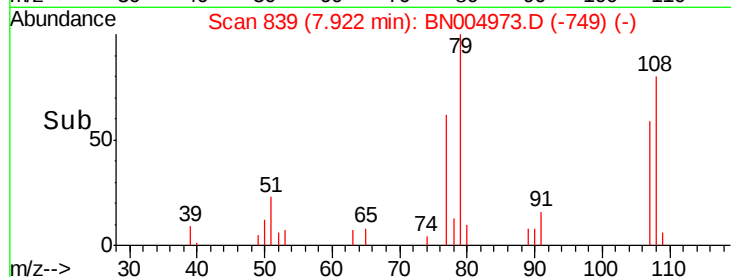
77 61.9 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BN004973.D (-749) (-)

Ion 108.00 (107.70 to 108.70): BN004973.D (-749) (-)

Ion 77.00 (76.70 to 77.70): BN004973.D (-749) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.629 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

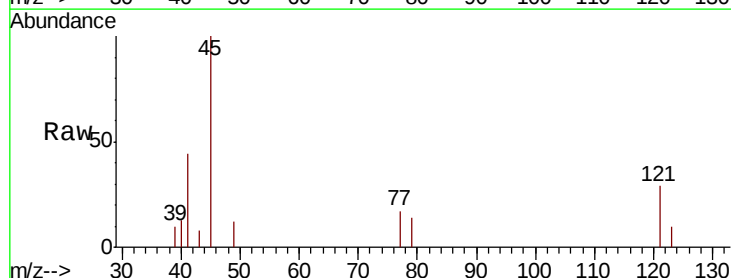
Tgt Ion: 45 Resp: 14668

Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.9

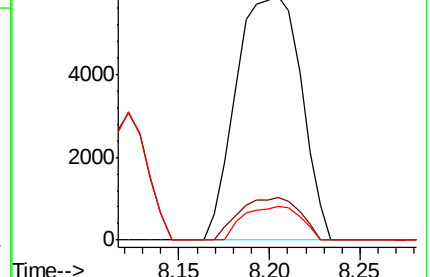
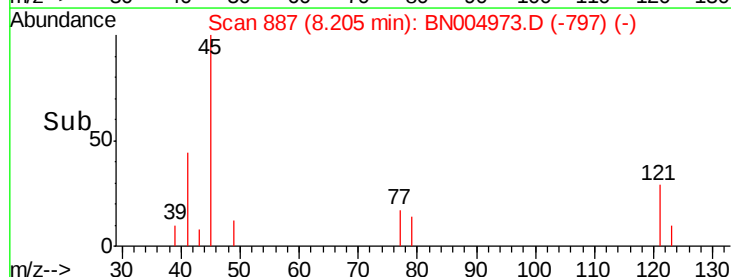
79 13.7 0.0 33.3

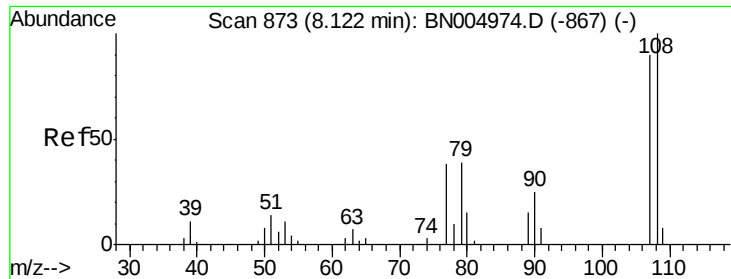


Abundance Ion 45.00 (44.70 to 45.70): BN004973.D (-797) (-)

Ion 77.00 (76.70 to 77.70): BN004973.D (-797) (-)

Ion 79.00 (78.70 to 79.70): BN004973.D (-797) (-)

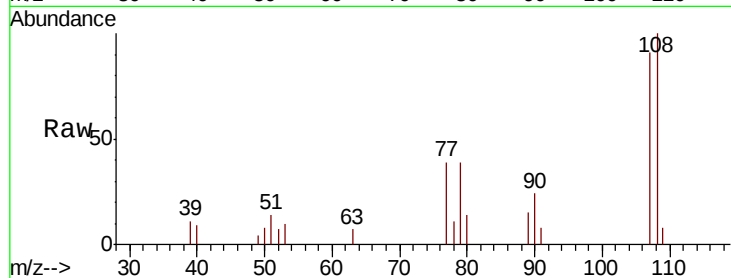




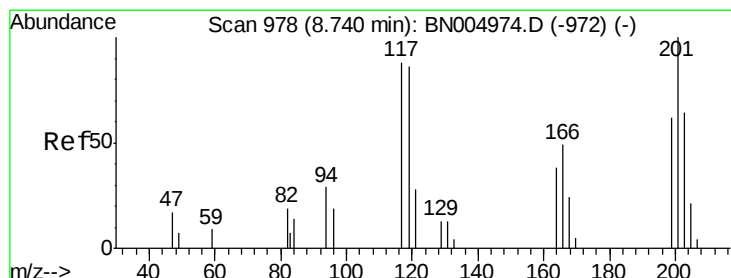
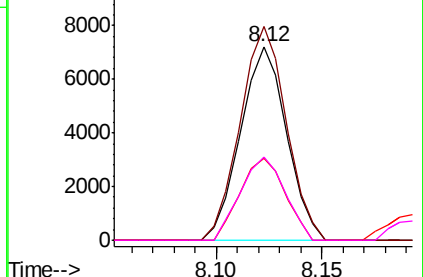
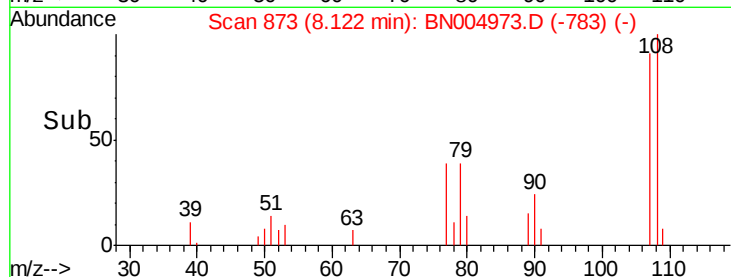
#17
2-Methylphenol
Concen: 20.482 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:107 Resp: 10945
Ion Ratio Lower Upper
107 100
108 110.1 88.8 133.2
77 42.4 34.2 51.2
79 43.0 34.8 52.2

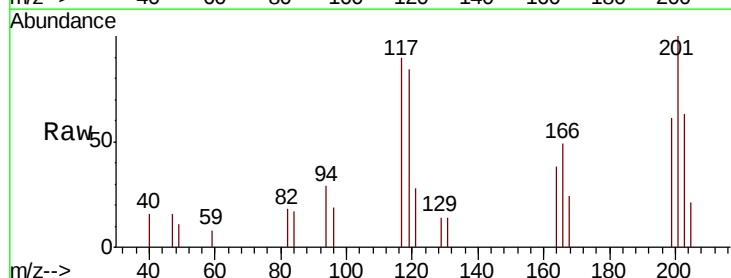


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

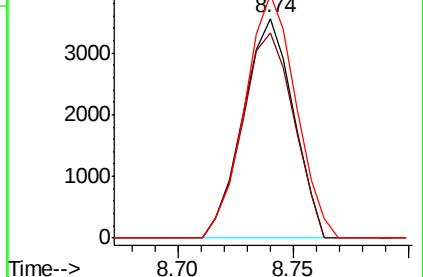
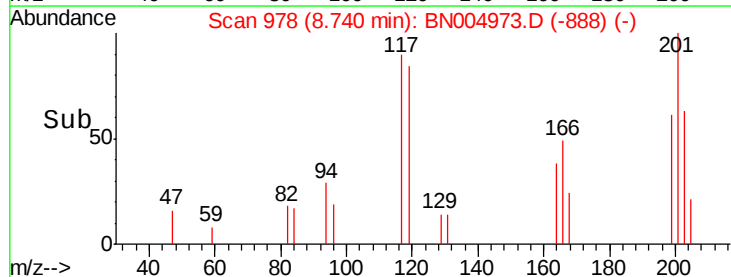


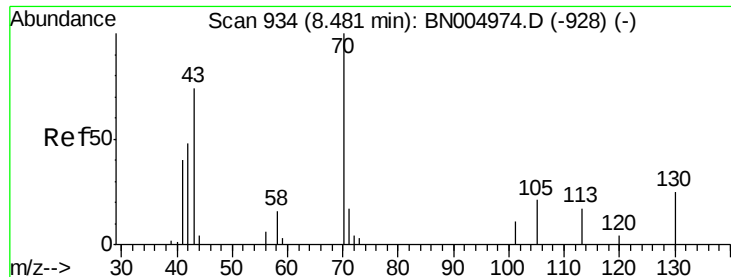
#18
Hexachloroethane
Concen: 21.885 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:117 Resp: 5380
Ion Ratio Lower Upper
117 100
119 93.6 77.5 116.3
201 111.0 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

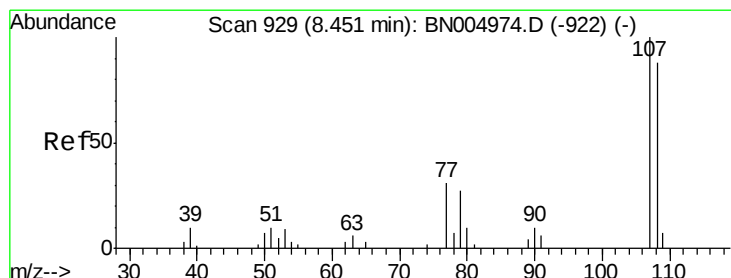
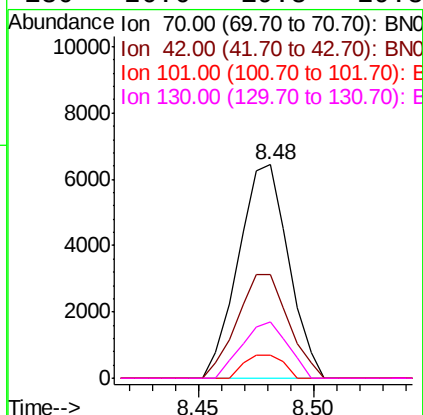
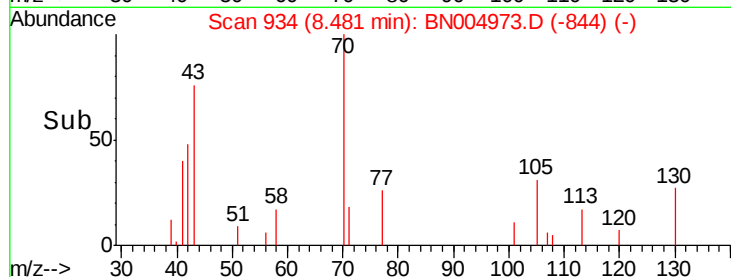
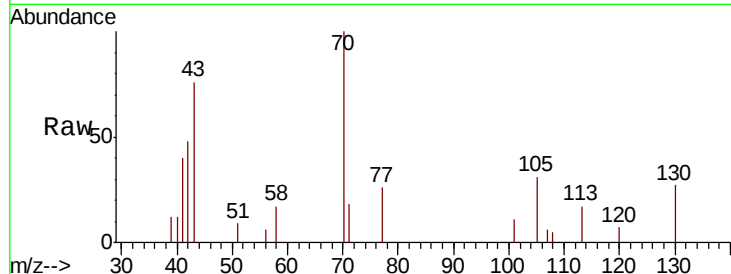




#19
n-Nitroso-di-n-propylamine
Concen: 20.125 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

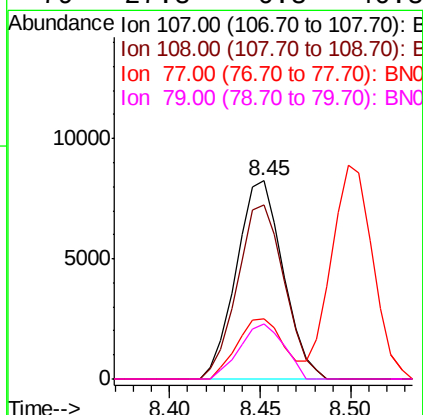
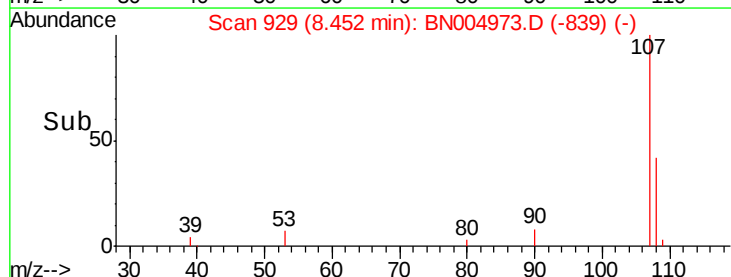
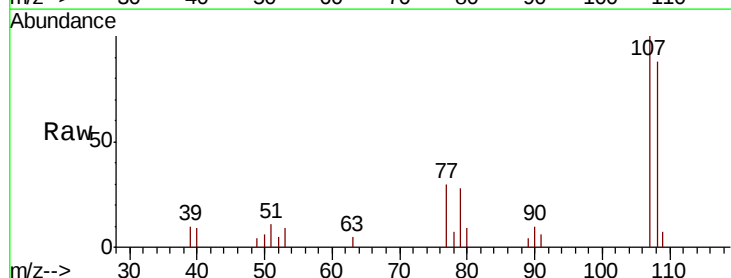
Instrument :
BNA_N
ClientSampleId :

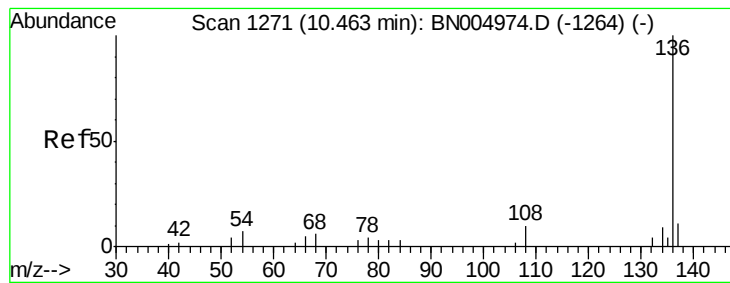
Tot Ion: 70 Resp: 9725
Ion Ratio Lower Upper
70 100
42 48.5 38.4 57.6
101 10.7 8.8 13.2
130 26.6 19.8 29.8



#20
3+4-Methylphenols
Concen: 19.928 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion: 107 Resp: 14829
Ion Ratio Lower Upper
107 100
108 87.9 67.9 107.9
77 30.1 10.6 50.6
79 27.8 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: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 42182

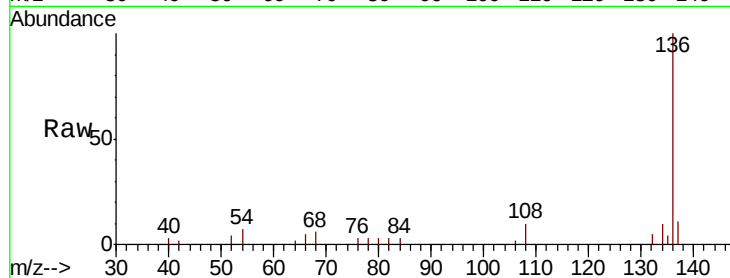
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 5.3 7.9

68 5.7 4.6 6.8

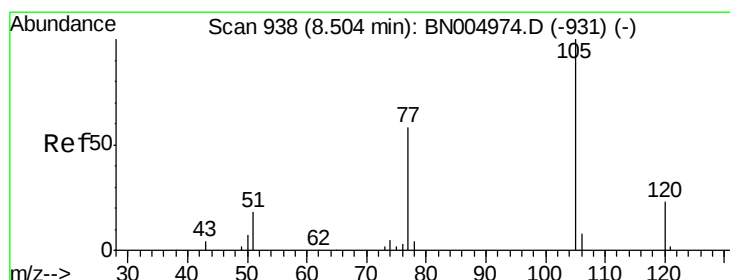
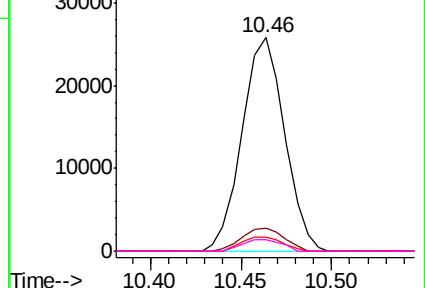
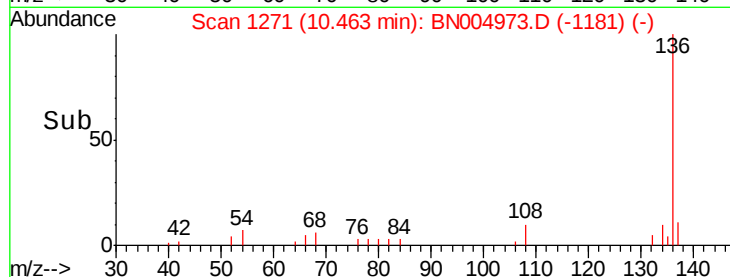


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.411 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Tgt Ion:105 Resp: 19630

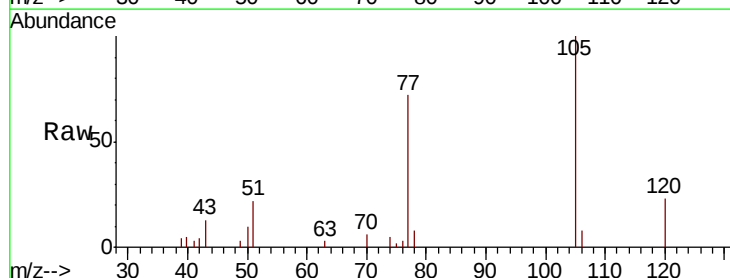
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 22.4 17.8 26.8

120 23.2 18.6 27.8

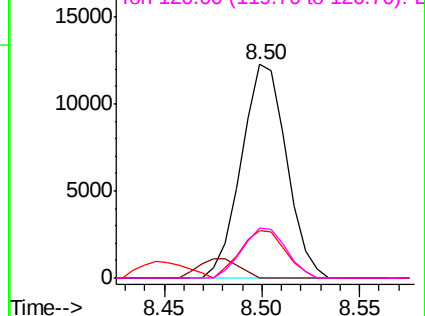
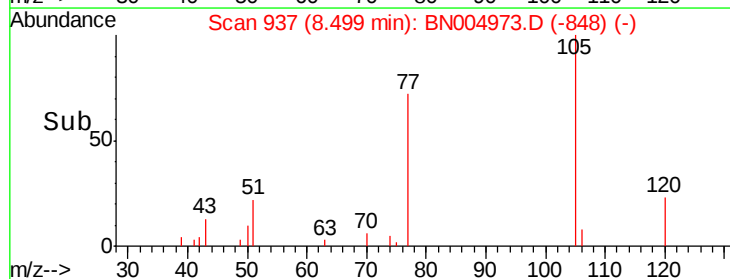


Abundance Ion 105.00 (104.70 to 105.70): E

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

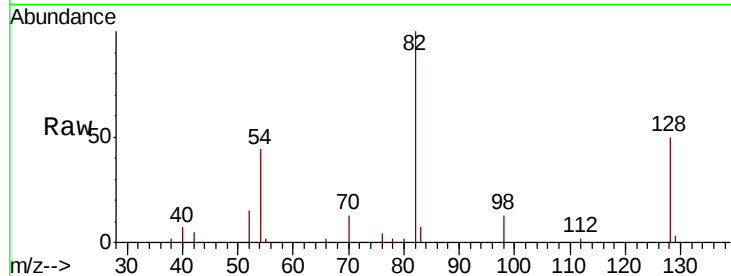




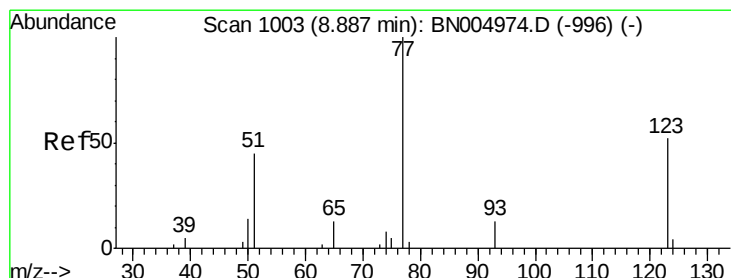
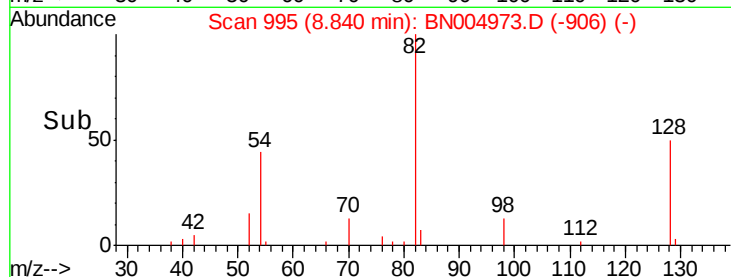
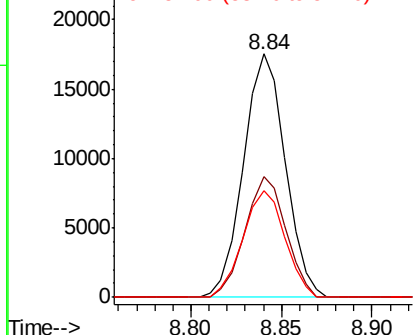
#23
Nitrobenzene-d5
Concen: 41.945 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampled :

Tot Ion	82	Resp	28108
Ion Ratio	100	Lower	Upper
128	49.6	40.6	60.8
54	43.9	35.2	52.8

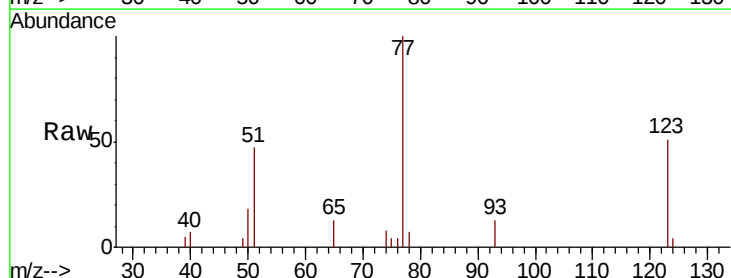


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

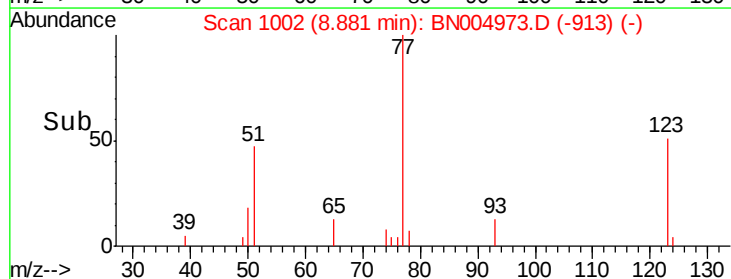
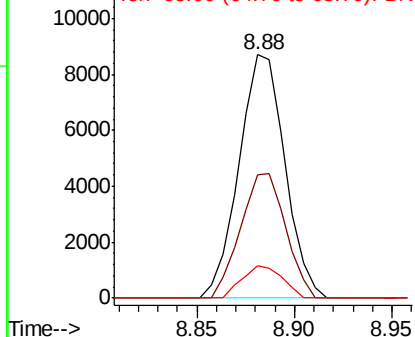


#24
Nitrobenzene
Concen: 20.626 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion	77	Resp	14184
Ion Ratio	100	Lower	Upper
123	50.9	41.3	61.9
65	13.2	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 23.992 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

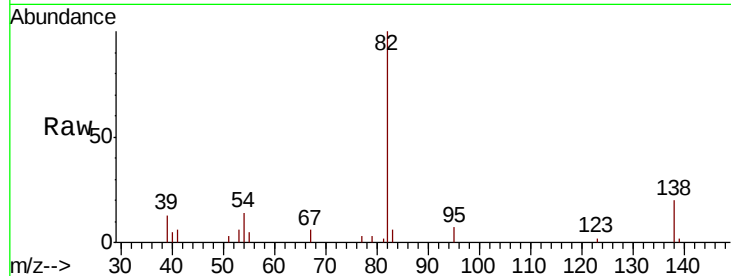
Tot Ion: 82 Resp: 27842

Ion Ratio Lower Upper

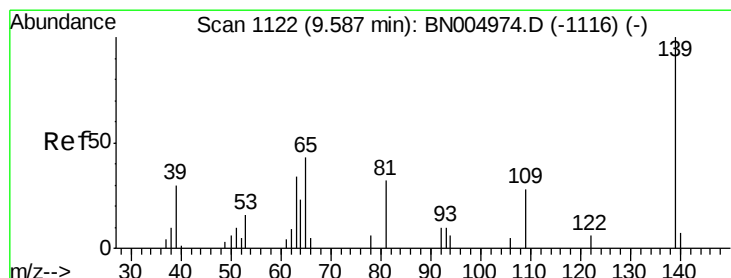
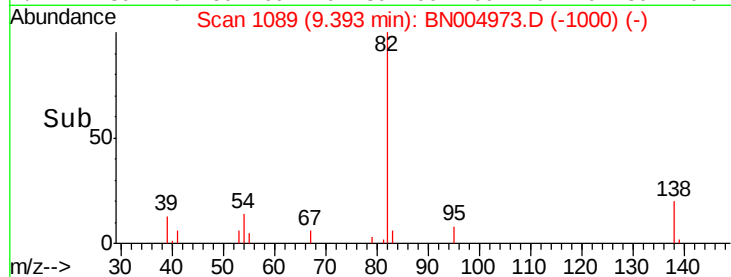
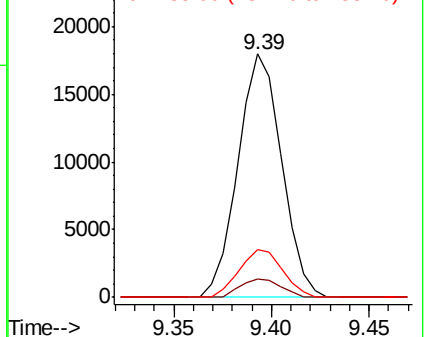
82 100

95 7.3 6.1 9.1

138 19.7 16.2 24.2



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



#26

2-Nitrophenol

Concen: 20.669 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

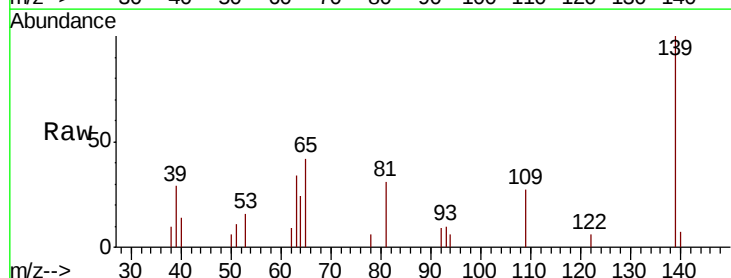
Tgt Ion: 139 Resp: 8081

Ion Ratio Lower Upper

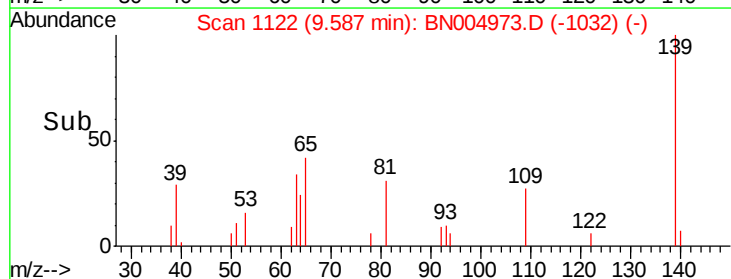
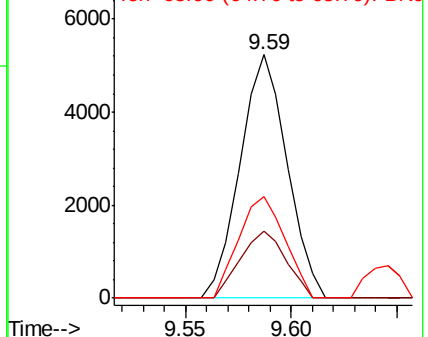
139 100

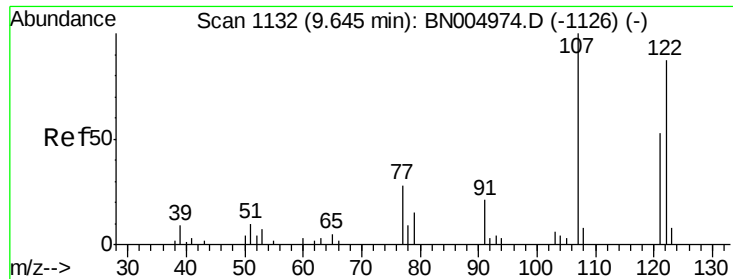
109 27.4 22.5 33.7

65 41.6 34.2 51.4



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

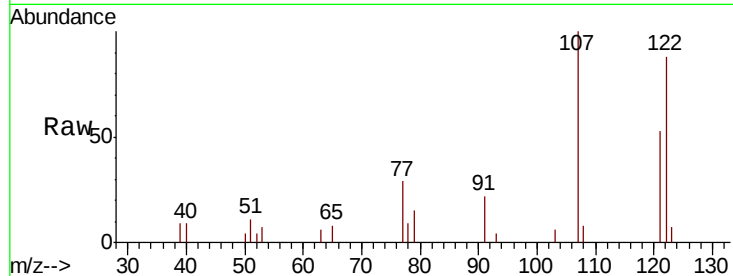




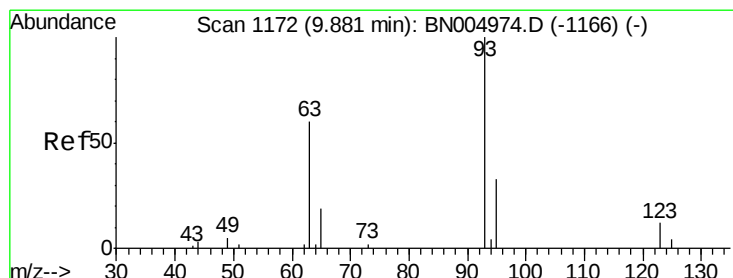
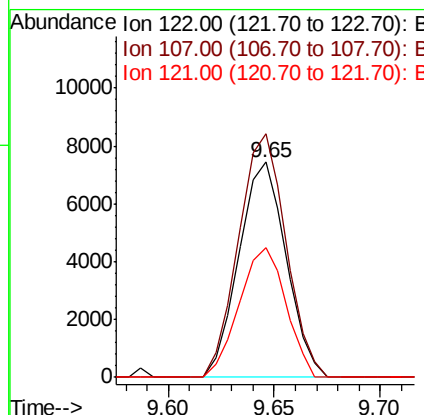
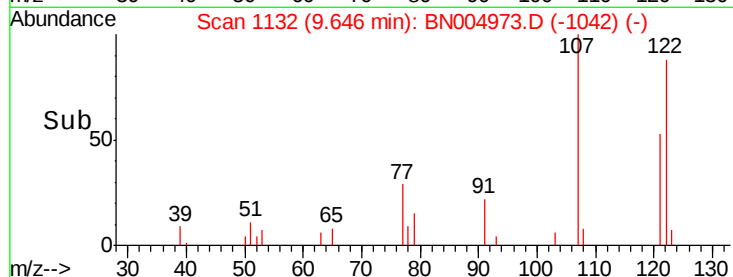
#27
 2,4-Dimethylphenol
 Concen: 20.692 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:122 Resp: 11563
 Ion Ratio Lower Upper
 122 100
 107 113.1 91.6 137.4
 121 60.3 48.2 72.2

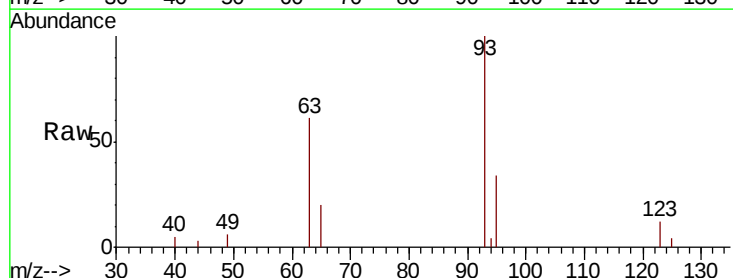


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

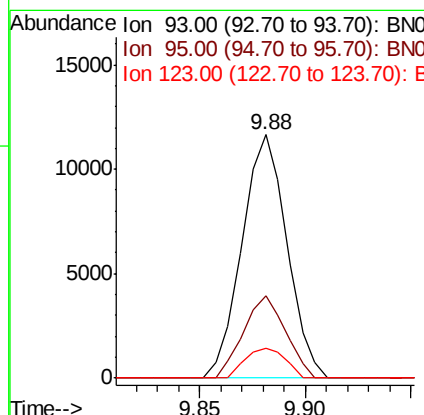
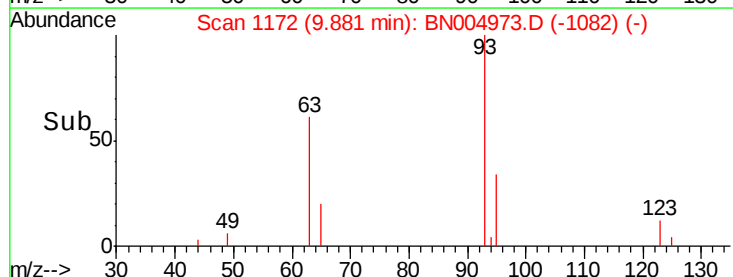


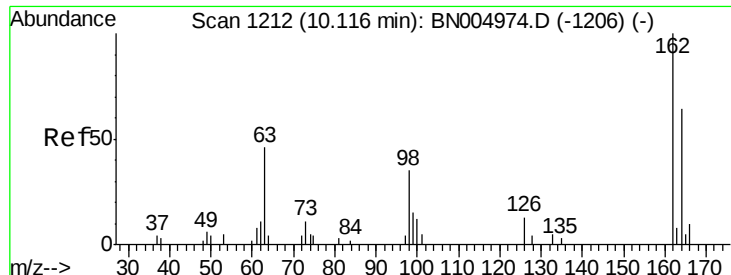
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.271 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion: 93 Resp: 17186
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.2 39.4
 123 12.0 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

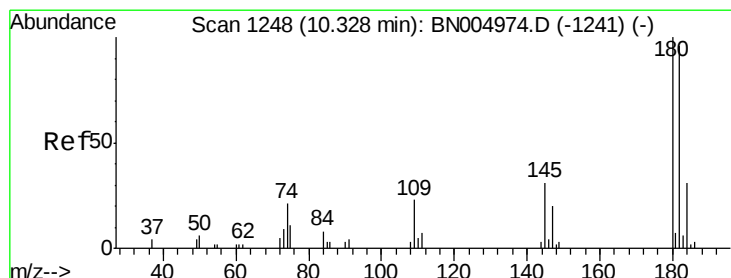
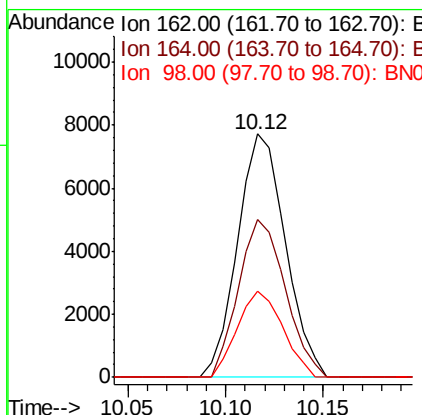
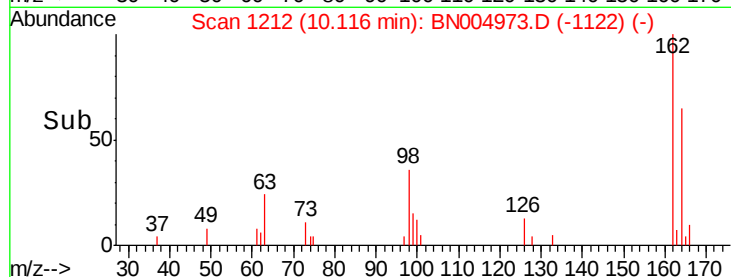
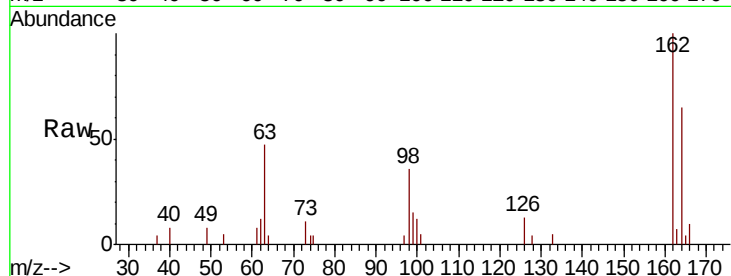




#29
 2,4-Dichlorophenol
 Concen: 19.938 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

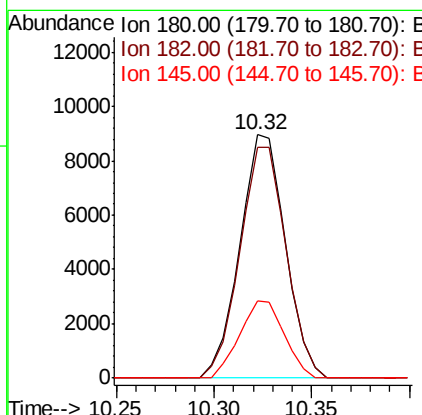
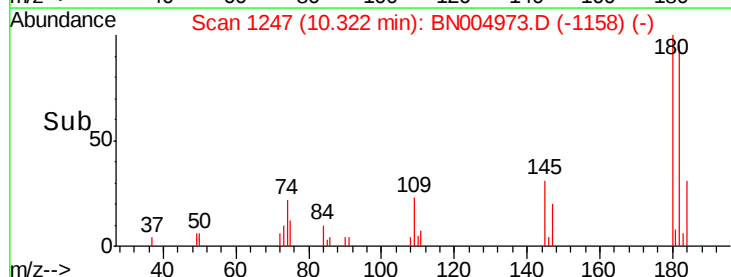
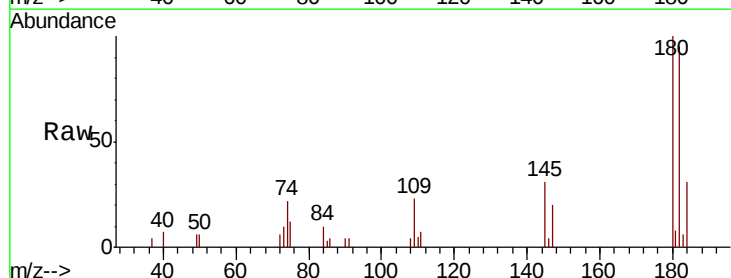
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:162 Resp: 13110
 Ion Ratio Lower Upper
 162 100
 164 65.0 44.3 84.3
 98 35.5 15.3 55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 19.292 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:180 Resp: 14458
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 114.8
 145 31.5 24.6 37.0

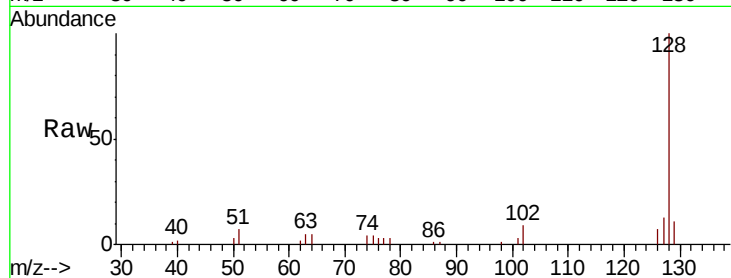




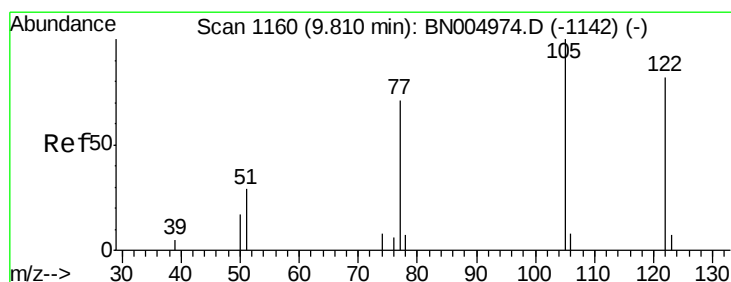
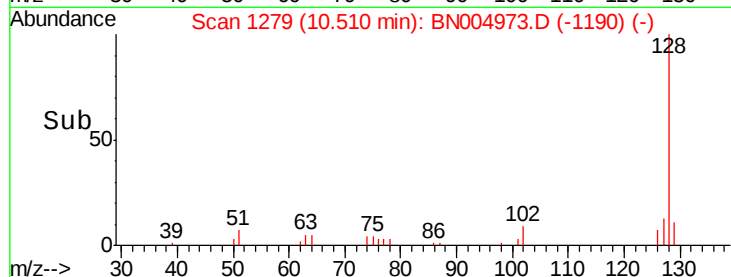
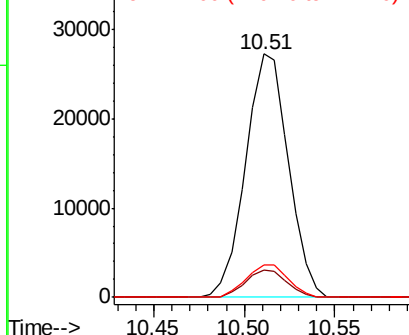
#31
Naphthalene
Concen: 21.828 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 44819
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.8 16.2

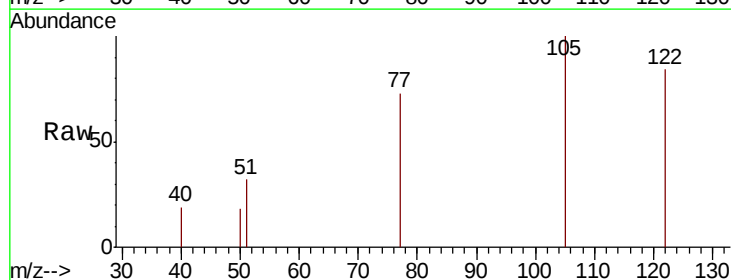


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

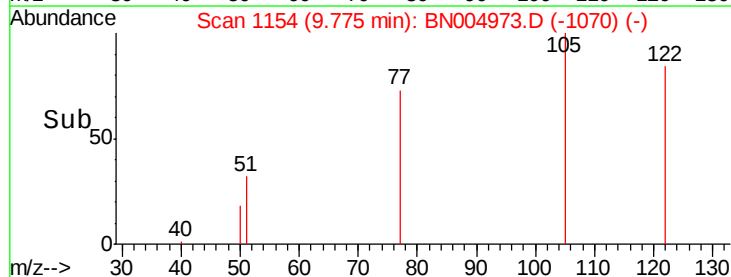
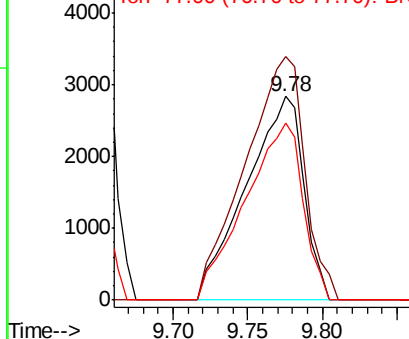


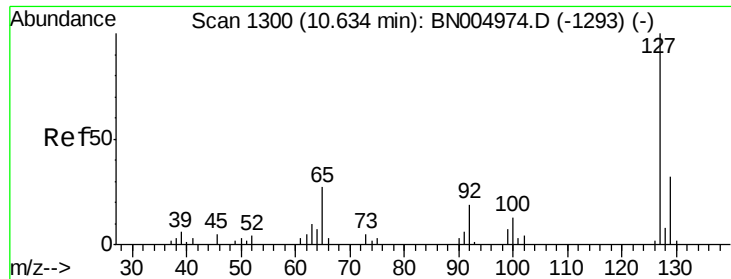
#32
Benzoic acid
Concen: 18.425 ng
RT: 9.78 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:122 Resp: 7612
Ion Ratio Lower Upper
122 100
105 119.7 102.4 142.4
77 86.8 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): BNO

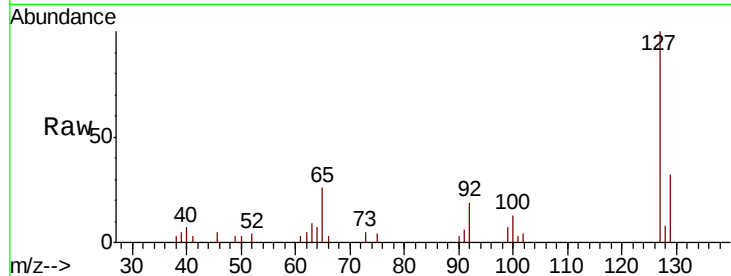




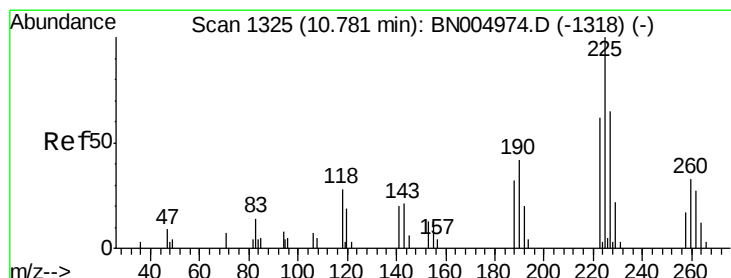
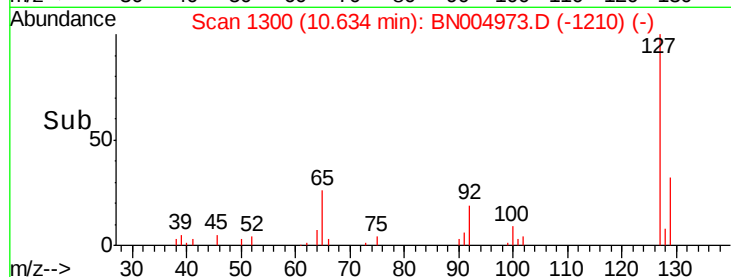
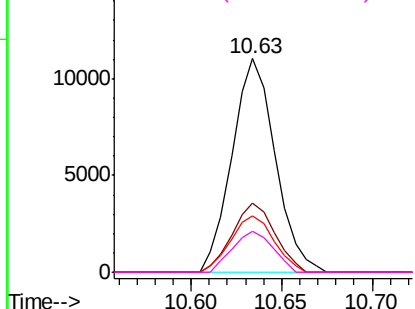
#33
4-Chloroaniline
Concen: 19.944 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	18272
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.9 38.9
65	26.3	21.4 32.0
92	19.3	15.3 22.9

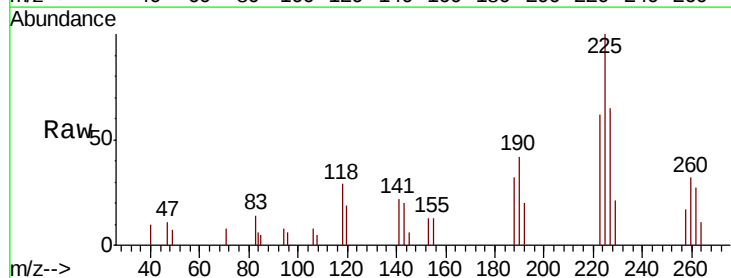


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

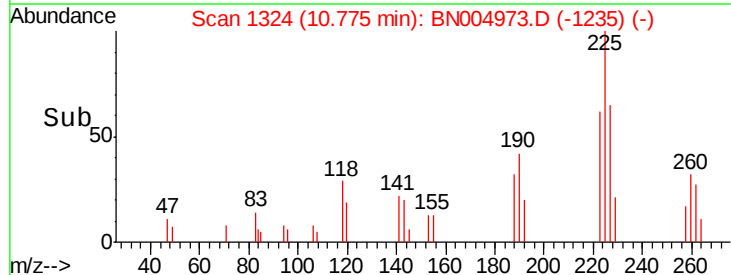
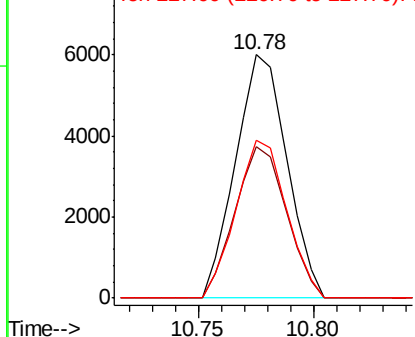


#34
Hexachlorobutadiene
Concen: 20.742 ng
RT: 10.78 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:225	Resp:	9308
Ion Ratio	Lower	Upper
225	100	
223	62.3	49.7 74.5
227	64.7	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: 18.714 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

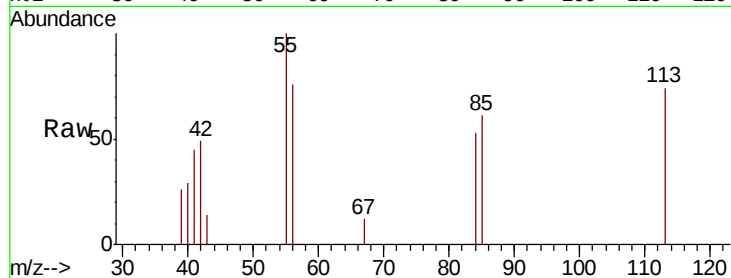
Tot Ion:113 Resp: 4339

Ion Ratio Lower Upper

113 100

55 134.3 115.8 155.8

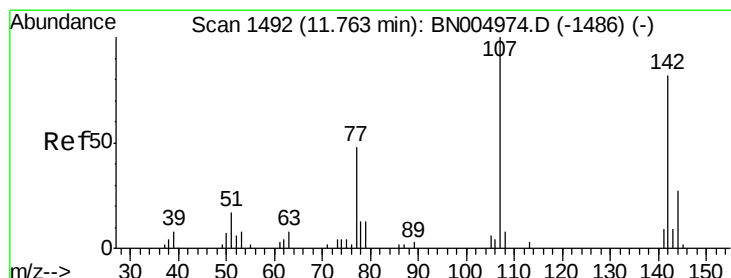
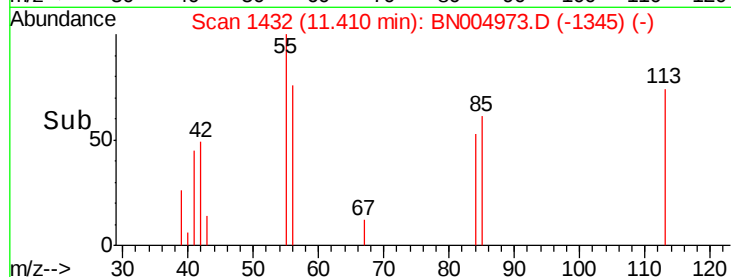
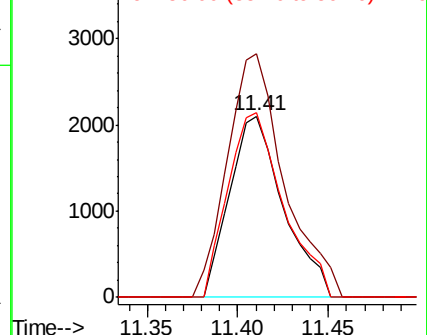
56 101.7 85.1 125.1



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: 20.669 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

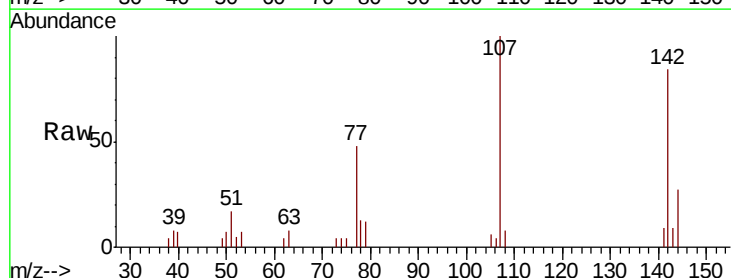
Tgt Ion:107 Resp: 14397

Ion Ratio Lower Upper

107 100

144 26.9 21.3 31.9

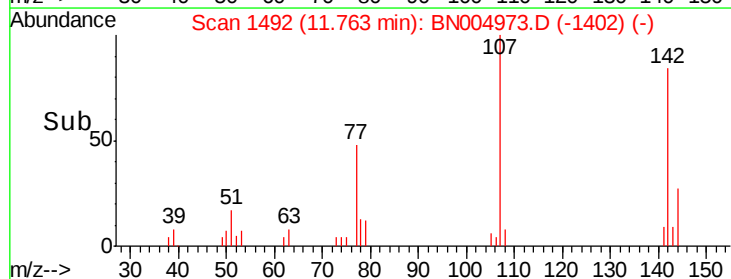
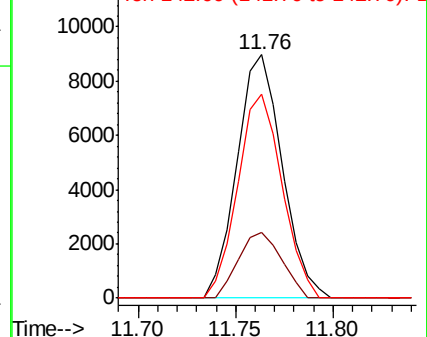
142 83.7 65.8 98.8



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

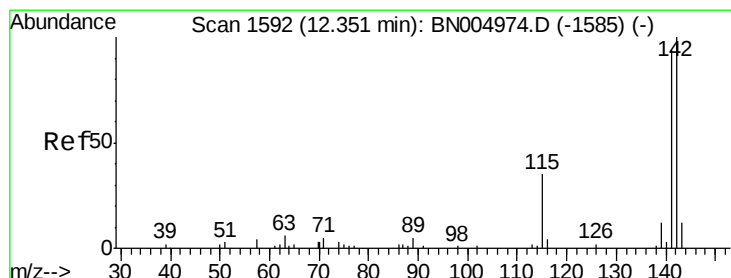
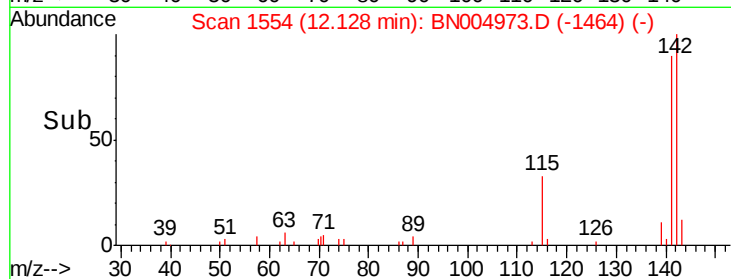
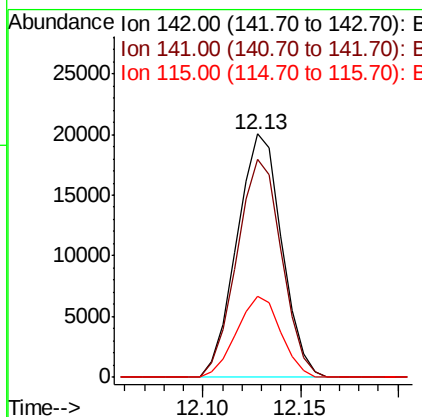
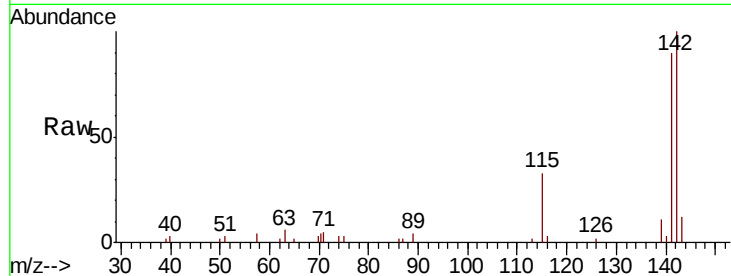




#37
 2-Methylnaphthalene
 Concen: 21.804 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

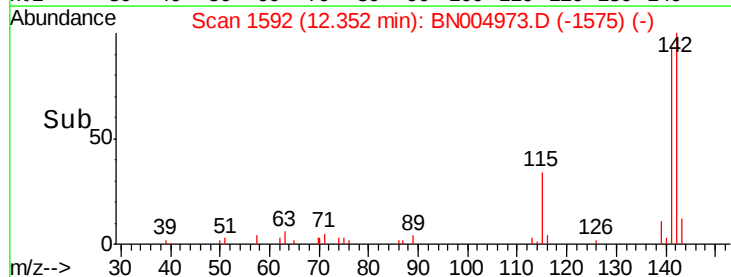
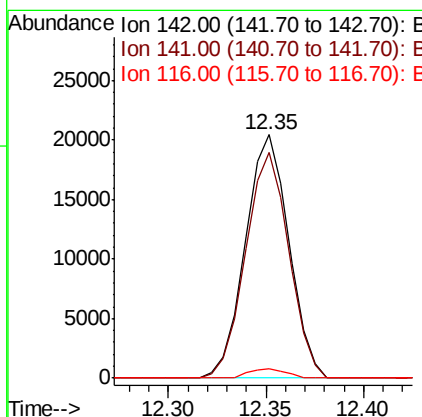
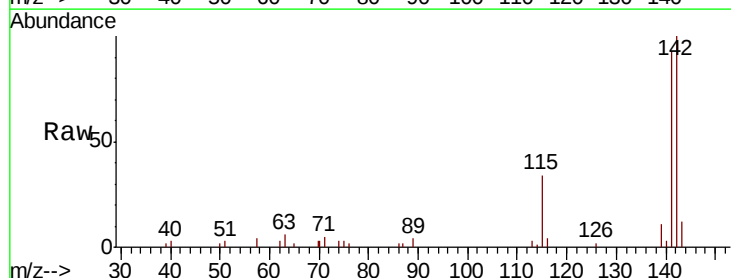
Instrument :
 BNA_N
 ClientSampled :

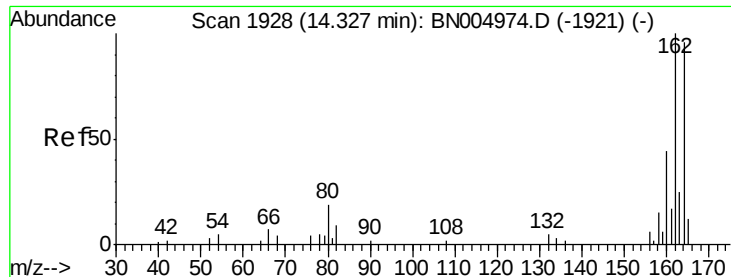
Tot Ion:142 Resp: 31974
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.8 107.8
 115 33.1 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 22.170 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:142 Resp: 31490
 Ion Ratio Lower Upper
 142 100
 141 92.5 74.9 112.3
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

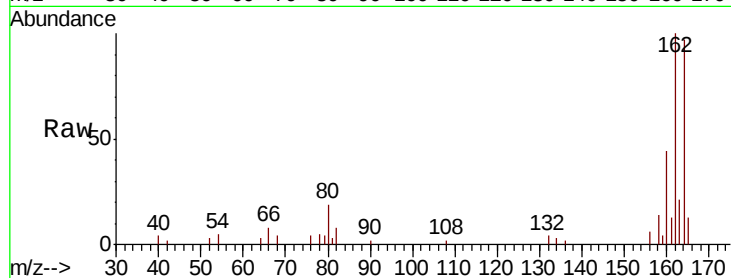
Tot Ion:164 Resp: 25011

Ion Ratio Lower Upper

164 100

162 103.5 83.4 125.0

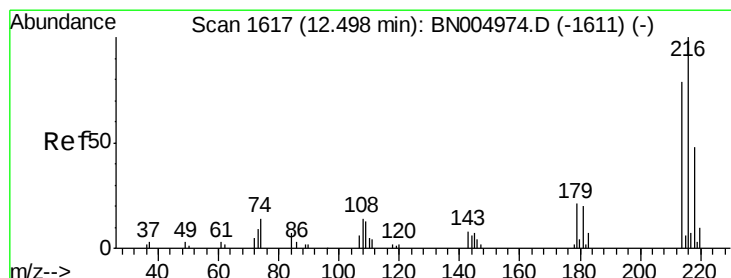
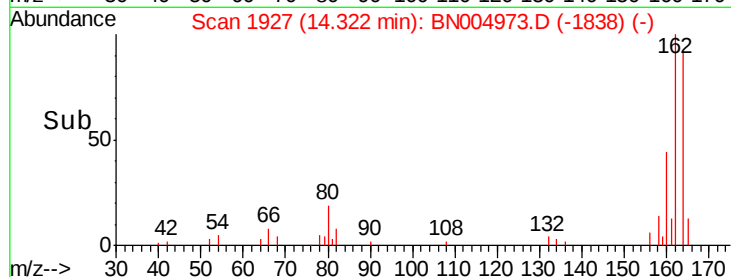
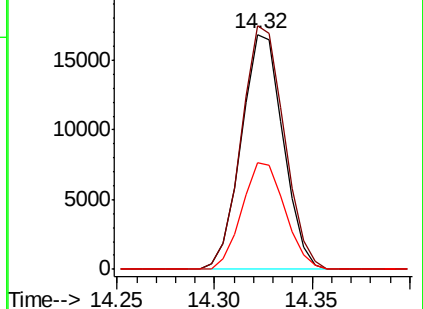
160 45.2 36.6 55.0



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: 19.331 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Tgt Ion:216 Resp: 17380

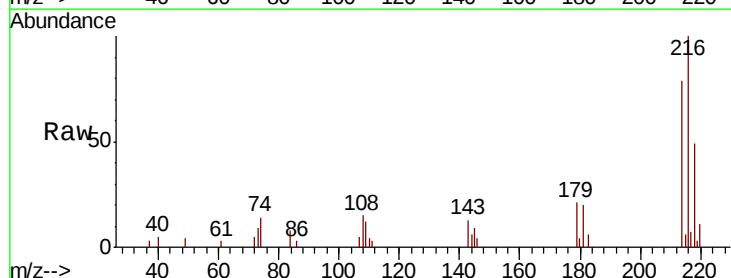
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 20.1 16.4 24.6

108 14.9 12.7 19.1

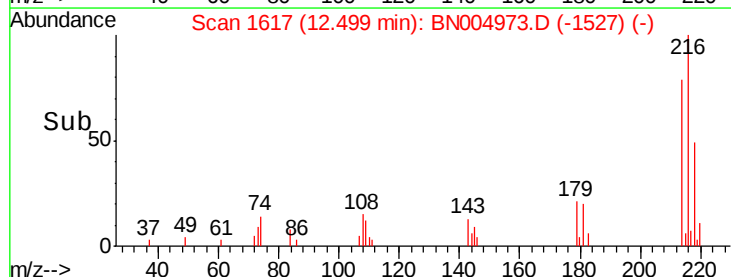
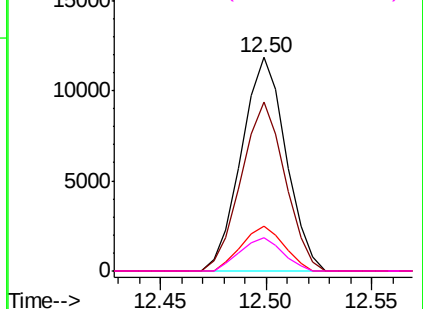


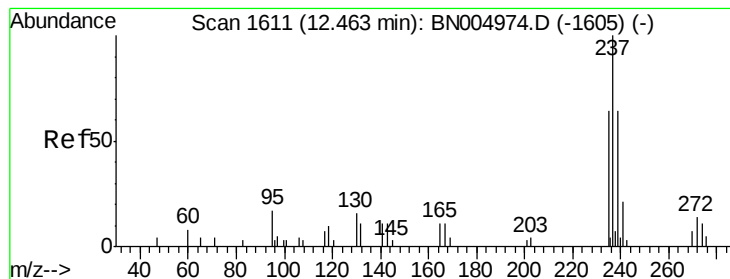
Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.672 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

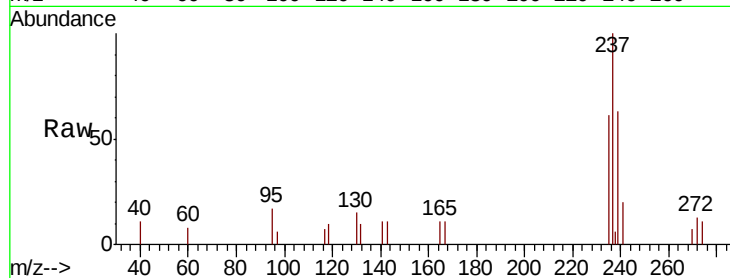
Tot Ion:237 Resp: 8012

Ion Ratio Lower Upper

237 100

235 61.4 43.6 83.6

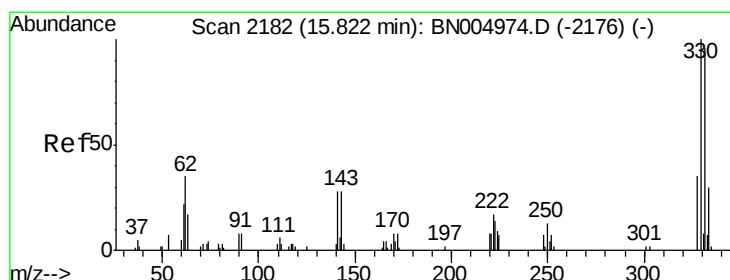
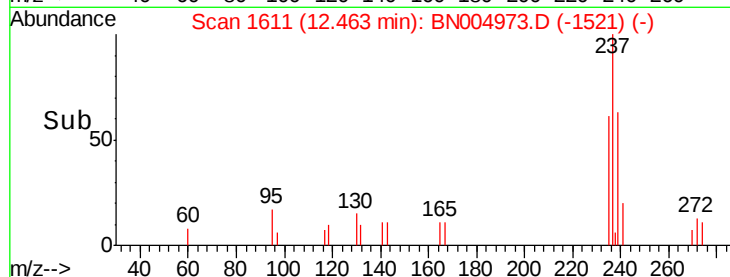
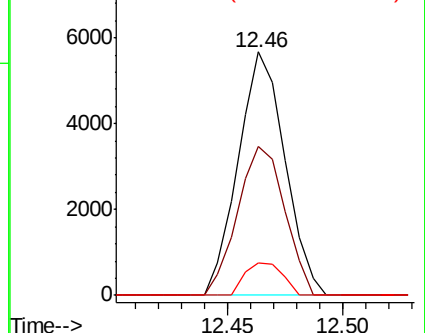
272 13.4 0.0 33.5



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: 43.586 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

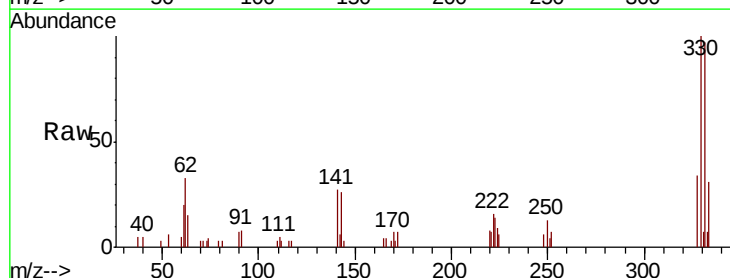
Tgt Ion:330 Resp: 16251

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

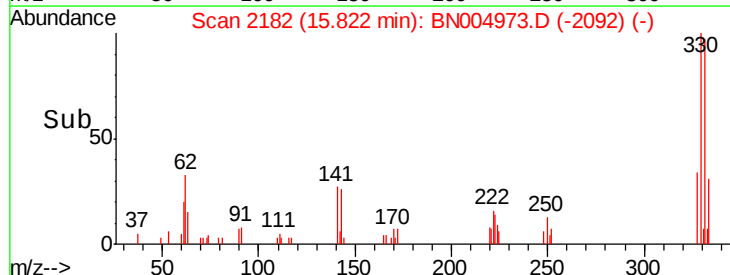
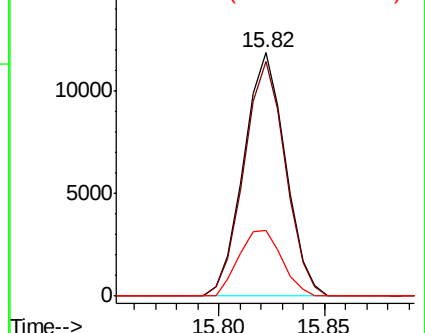
141 27.6 22.1 33.1



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

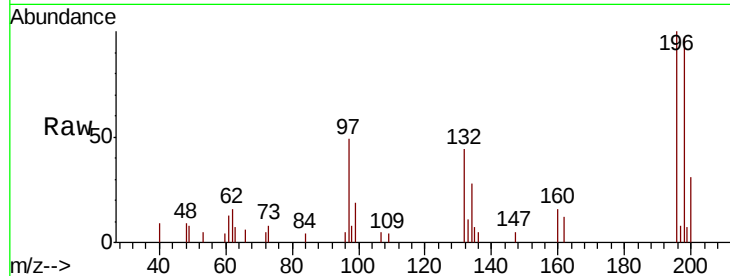




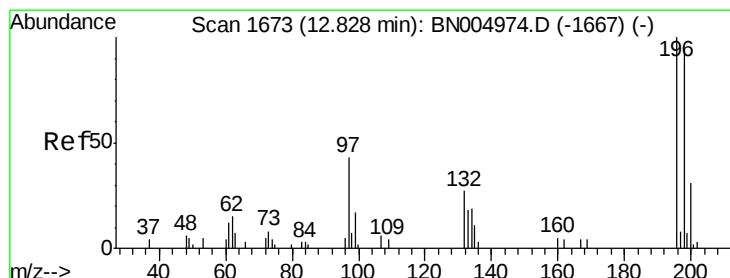
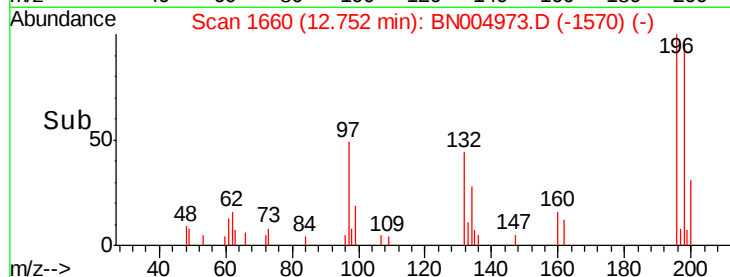
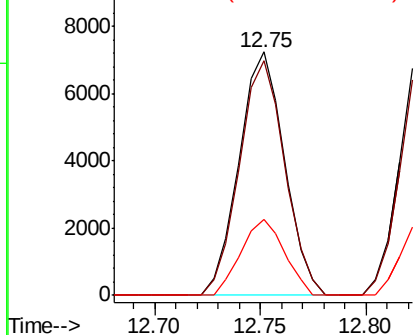
#43
 2,4,6-Trichlorophenol
 Concen: 19.391 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 10825
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.5 114.7
 200 31.2 24.0 36.0

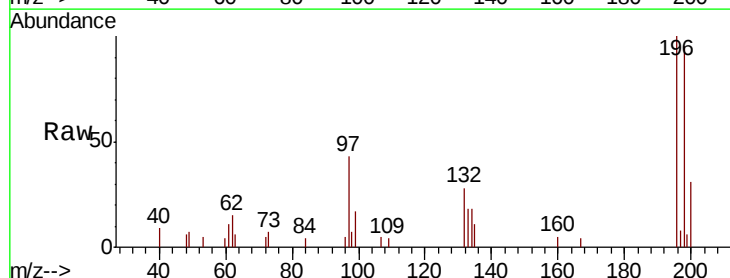


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

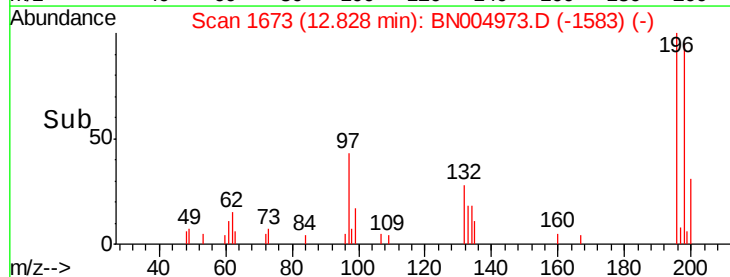
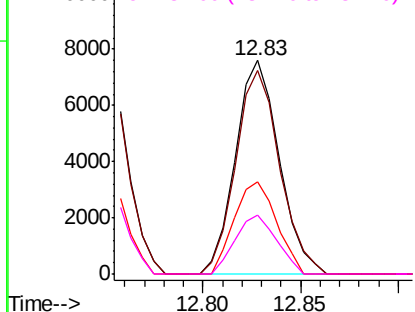


#44
 2,4,5-Trichlorophenol
 Concen: 19.885 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:196 Resp: 11841
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.1 114.1
 97 43.3 34.8 52.2
 132 27.7 21.7 32.5



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

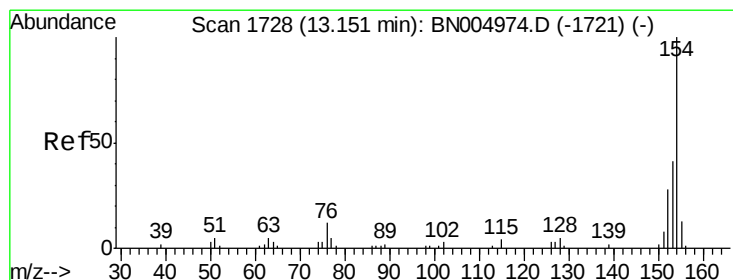
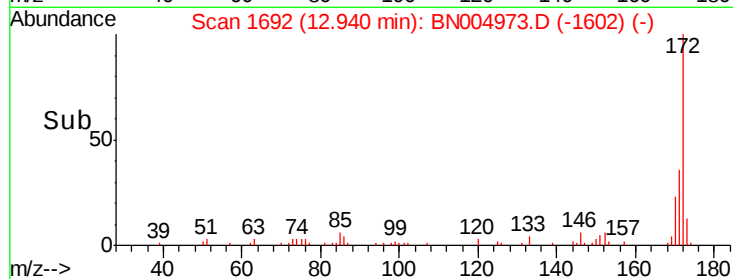
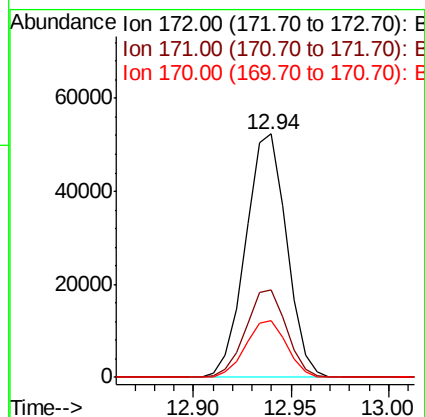
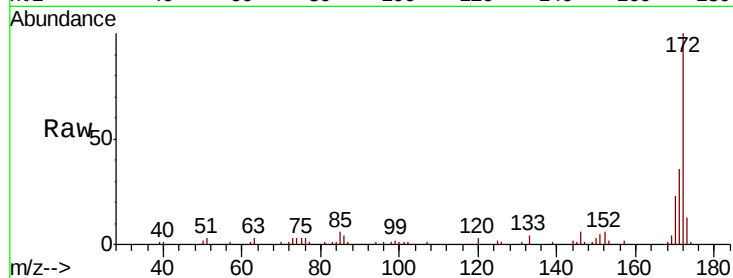




#45
 2-Fluorobiphenyl
 Concen: 40.718 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

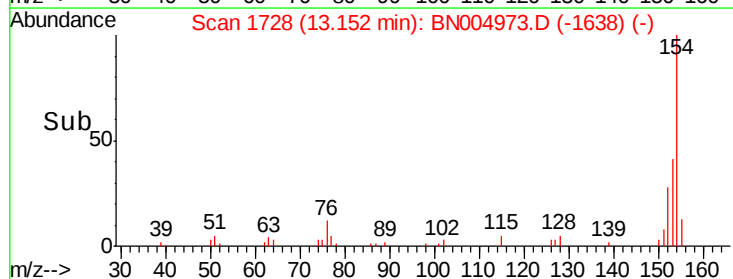
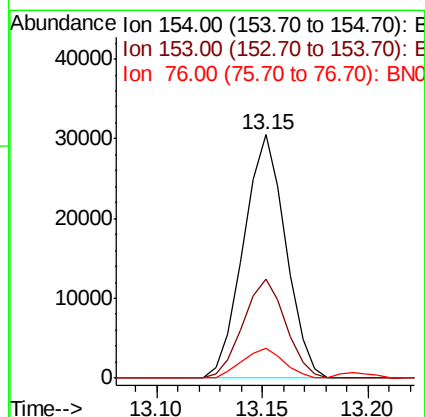
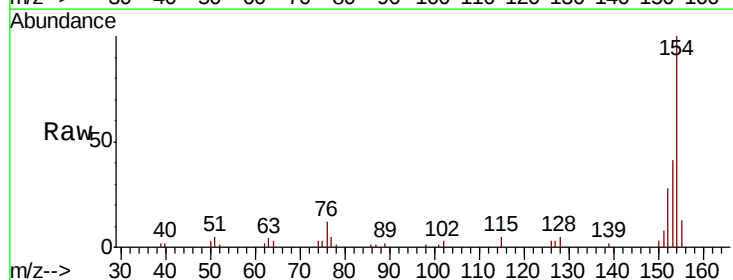
Instrument :
 BNA_N
 ClientSampleId :

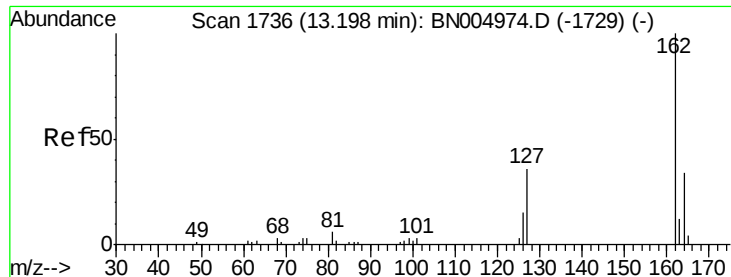
Tot Ion:172 Resp: 76298
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.3 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 19.097 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:154 Resp: 42303
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.2 61.2
 76 12.2 0.0 32.2

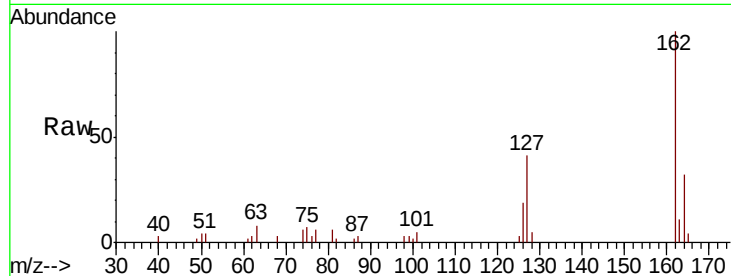




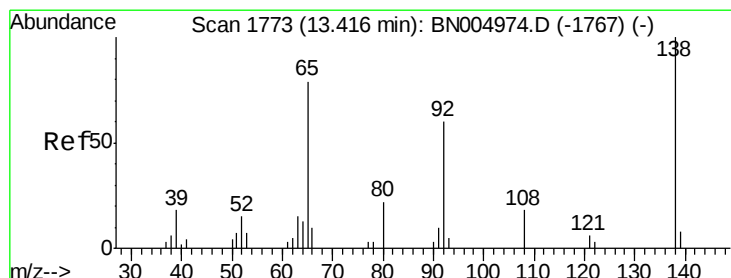
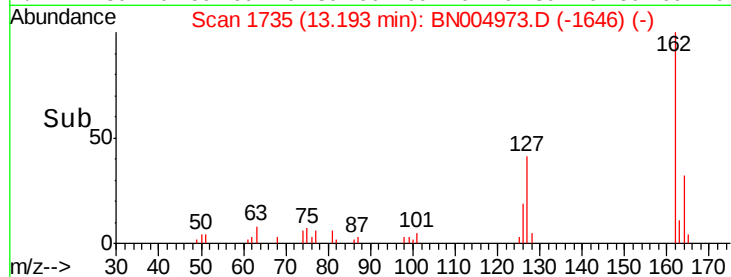
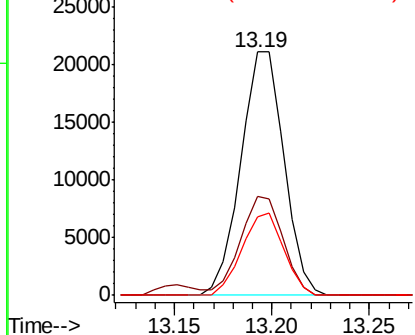
#47
2-Chloronaphthalene
Concen: 19.448 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:162 Resp: 32414
Ion Ratio Lower Upper
162 100
127 40.5 32.4 48.6
164 32.3 26.8 40.2

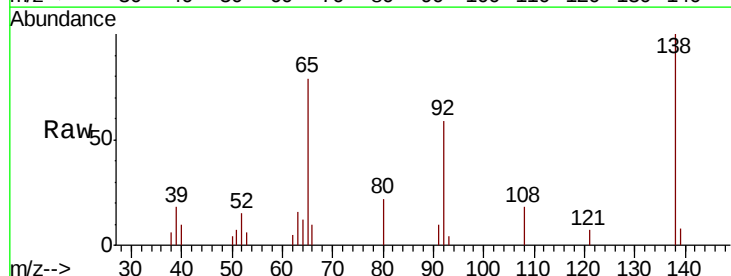


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

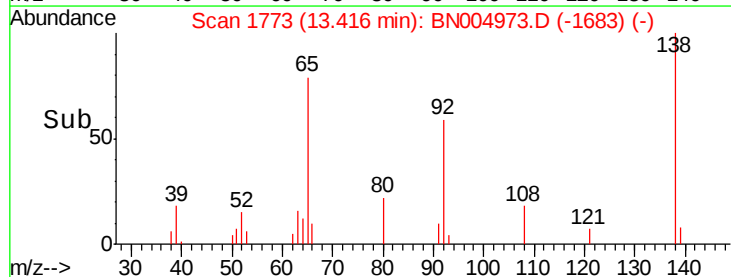
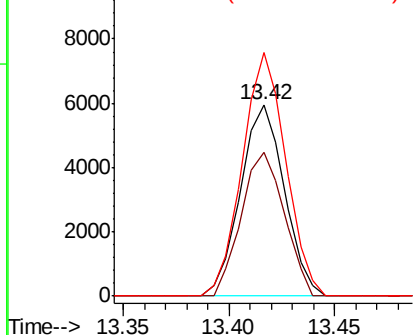


#48
2-Nitroaniline
Concen: 20.750 ng
RT: 13.42 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion: 65 Resp: 8617
Ion Ratio Lower Upper
65 100
92 75.5 60.2 90.4
138 127.4 101.1 151.7



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: 22.408 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

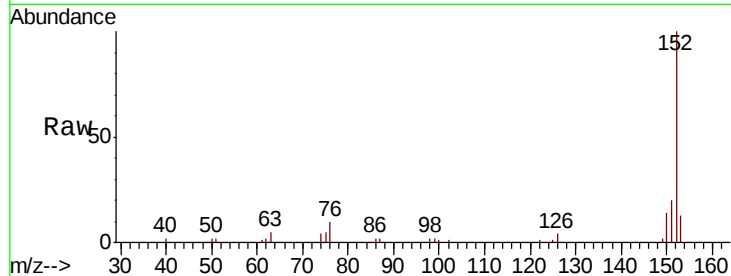
Tot Ion:152 Resp: 55097

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

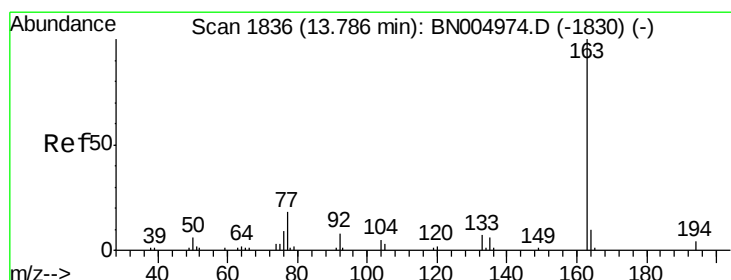
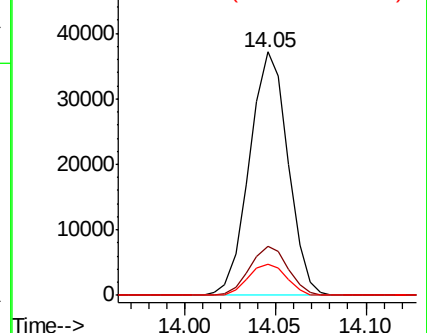
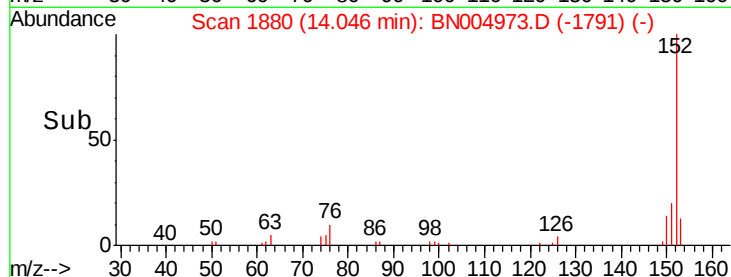
153 13.0 10.3 15.5



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: 21.371 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

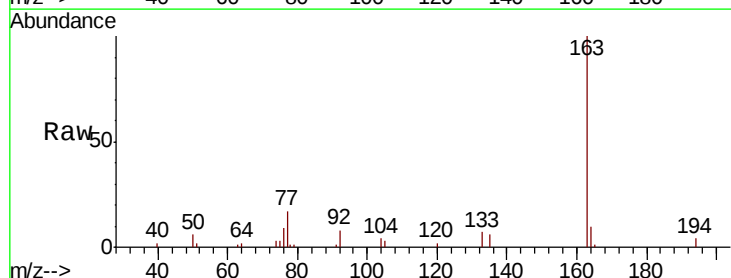
Tgt Ion:163 Resp: 41873

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

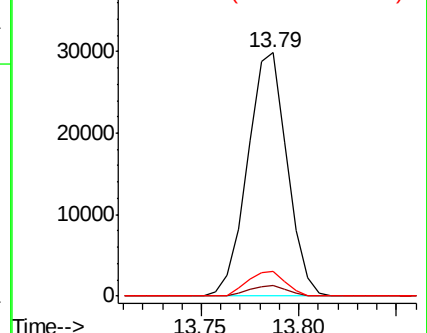
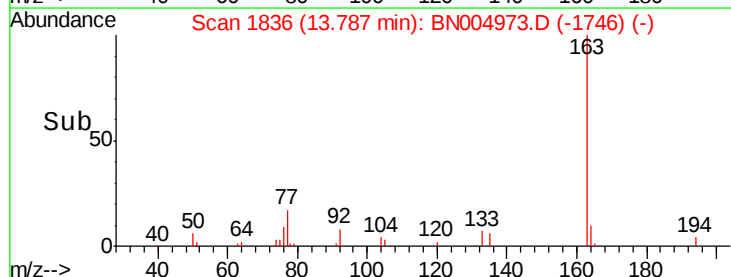
164 10.0 8.3 12.5



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

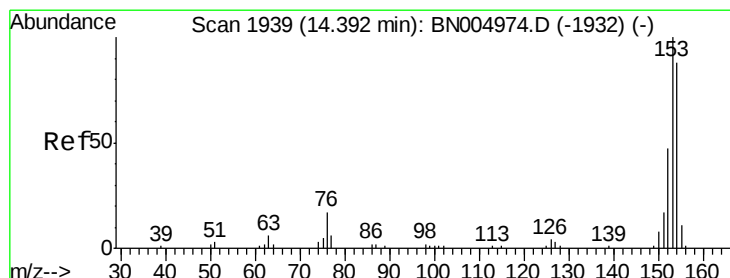
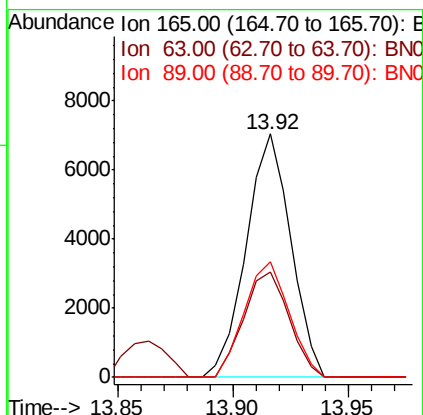
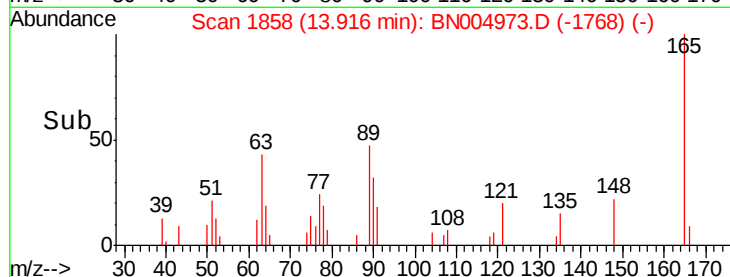
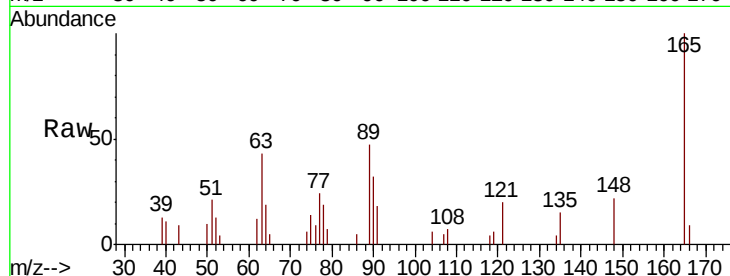




#51
2,6-Dinitrotoluene
Concen: 20.719 ng
RT: 13.92 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

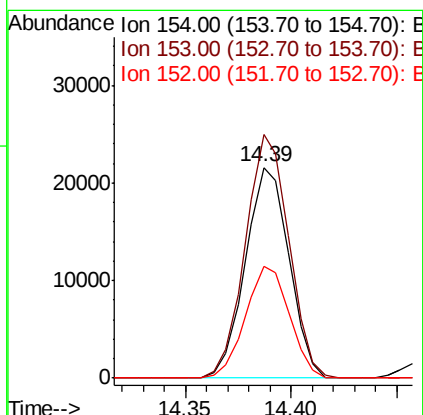
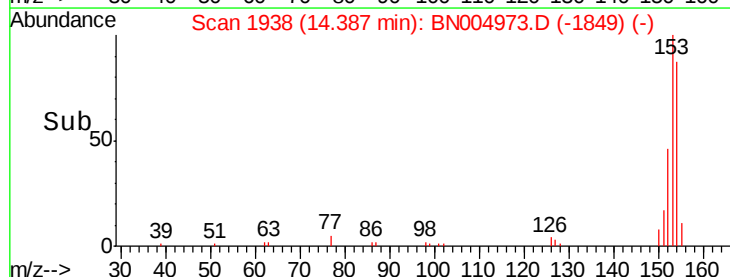
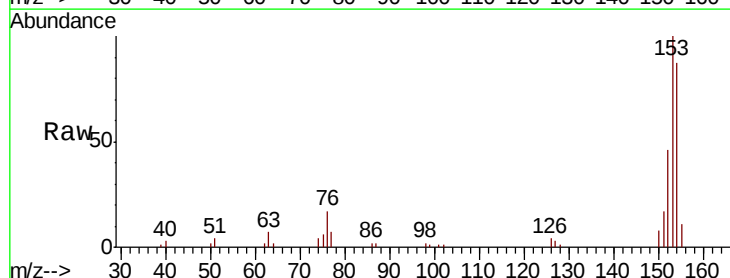
Instrument :
BNA_N
ClientSampleId :

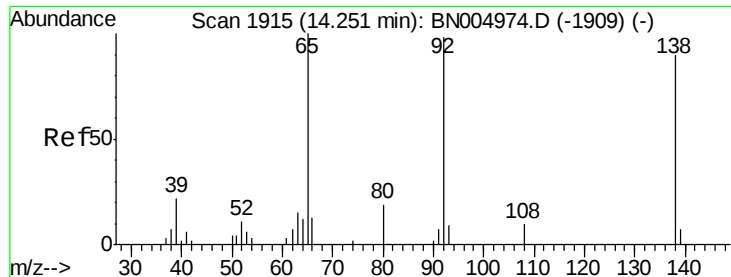
Tot Ion:165 Resp: 9476
Ion Ratio Lower Upper
165 100
63 43.1 37.3 55.9
89 47.3 39.2 58.8



#52
Acenaphthene
Concen: 20.792 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:154 Resp: 31005
Ion Ratio Lower Upper
154 100
153 115.4 91.0 136.4
152 53.2 43.0 64.4

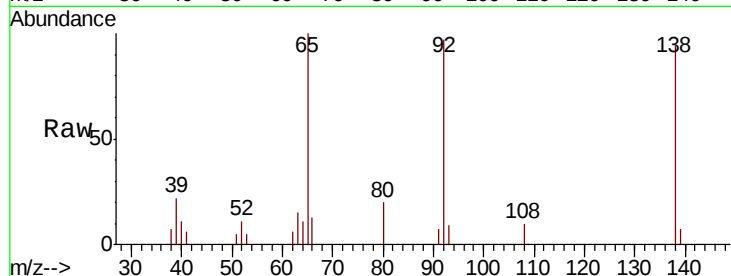




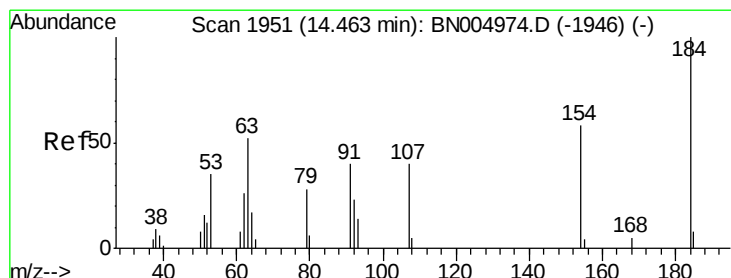
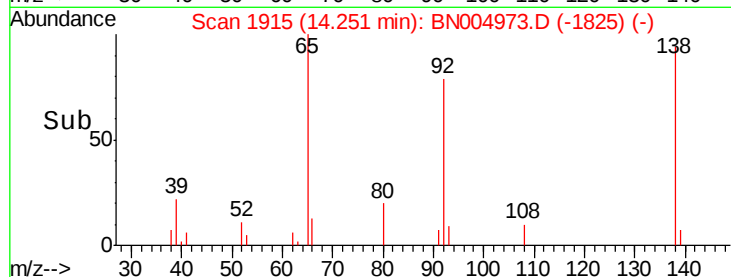
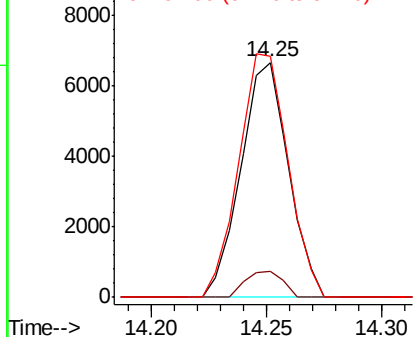
#53
3-Nitroaniline
Concen: 19.526 ng
RT: 14.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 9547
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 102.7 86.9 130.3

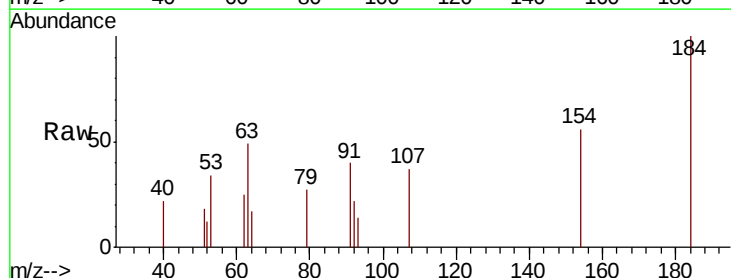


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC

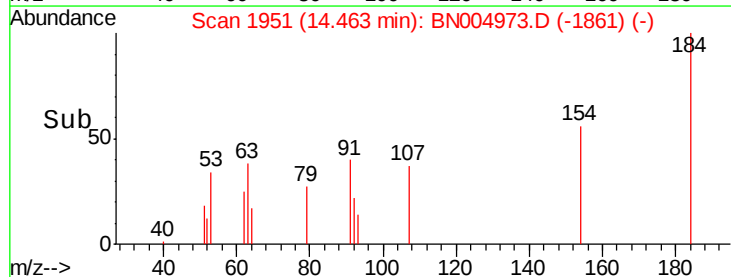
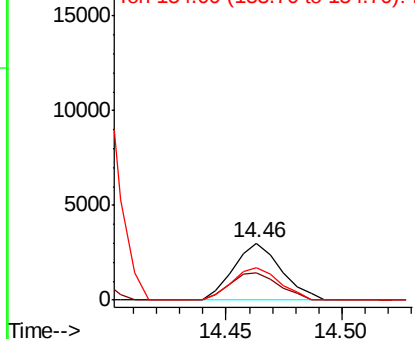


#54
2,4-Dinitrophenol
Concen: 23.351 ng
RT: 14.46 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:184 Resp: 4326
Ion Ratio Lower Upper
184 100
63 48.9 41.6 62.4
154 56.0 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

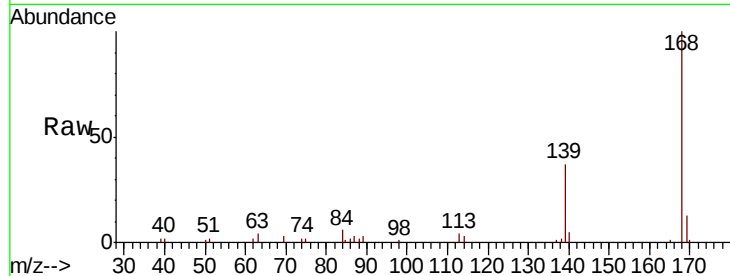




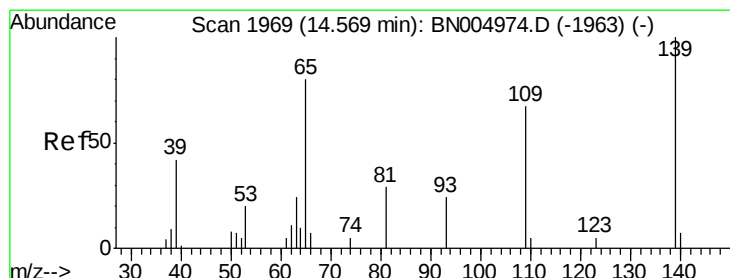
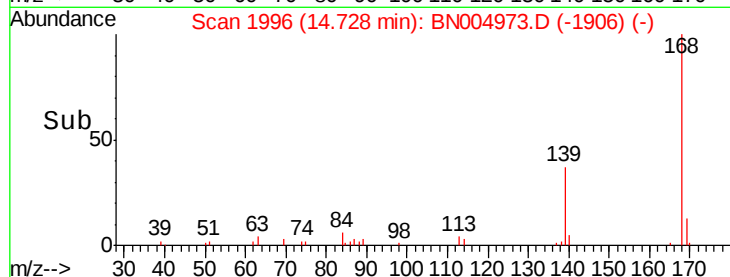
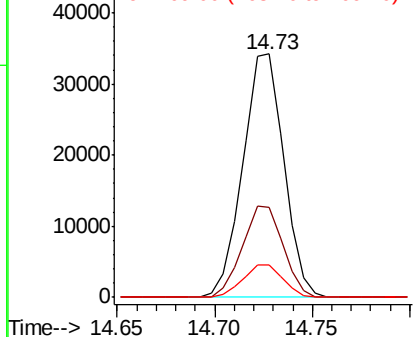
#55
Dibenzenofuran
Concen: 20.311 ng
RT: 14.73 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:168 Resp: 49892
Ion Ratio Lower Upper
168 100
139 37.1 29.9 44.9
169 13.3 10.6 15.8

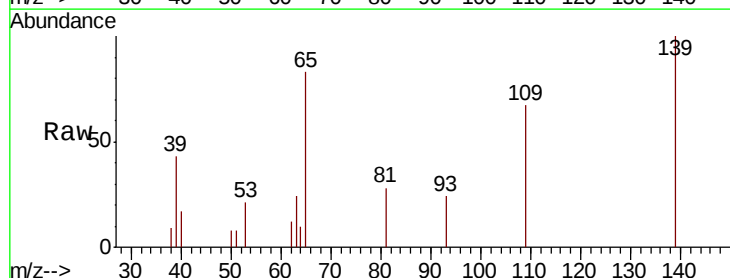


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

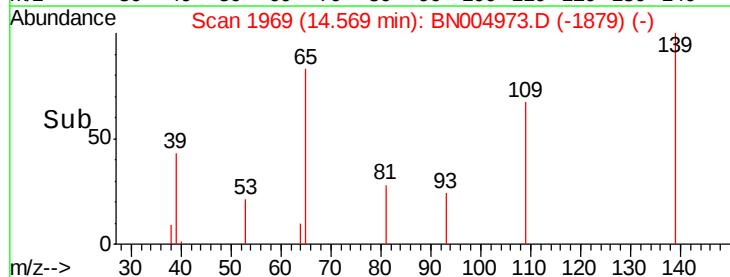
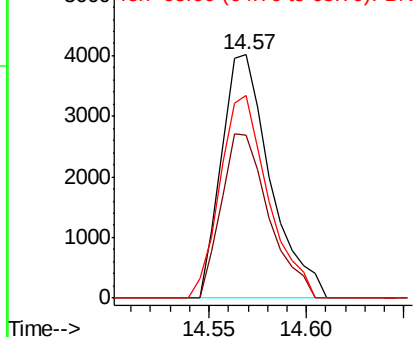


#56
4-Nitrophenol
Concen: 18.636 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:139 Resp: 6962
Ion Ratio Lower Upper
139 100
109 67.0 46.5 86.5
65 83.1 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

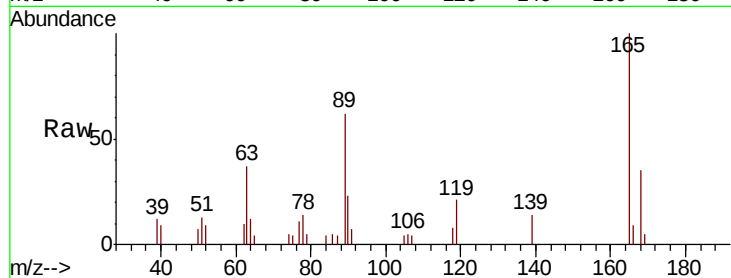




#57
2,4-Dinitrotoluene
Concen: 20.929 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.7	30.4	45.6
89	62.1	50.7	76.1
182	0.0	2.5	3.7#



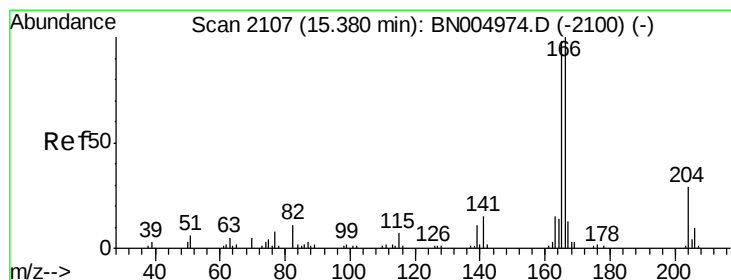
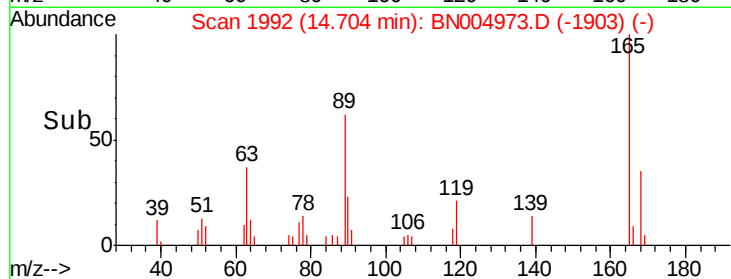
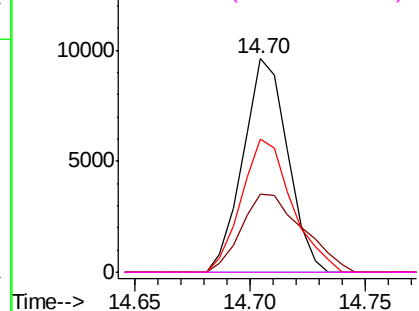
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

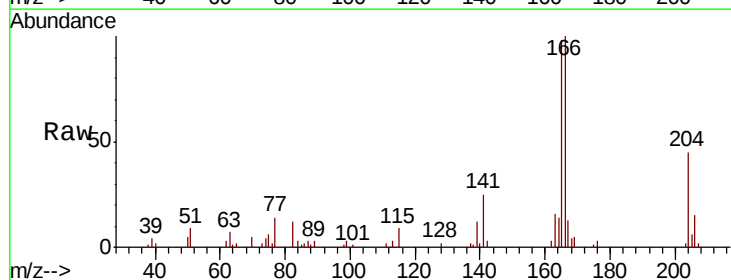
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 22.404 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.3	117.5
167	13.4	10.6	15.8

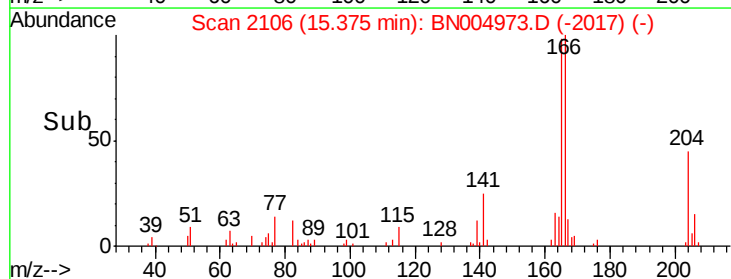
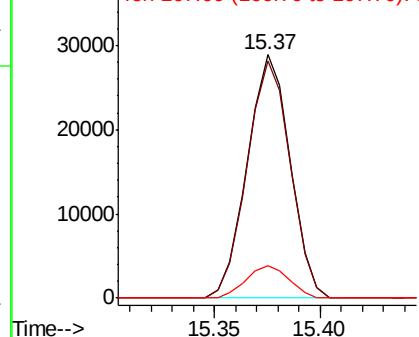


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

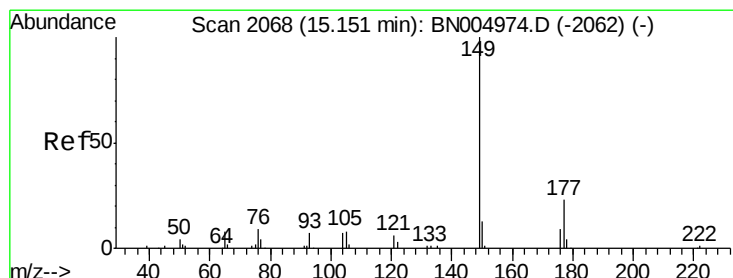
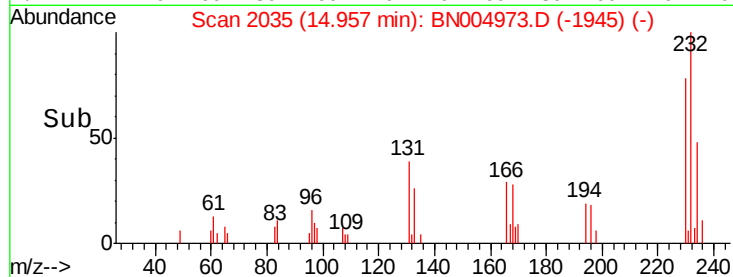
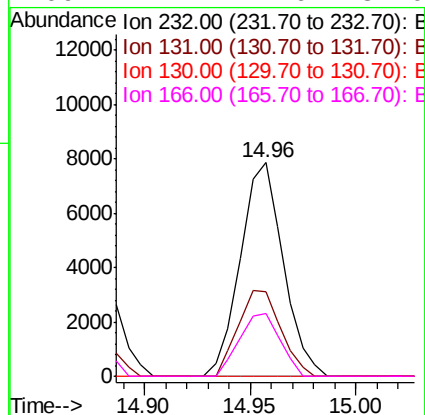
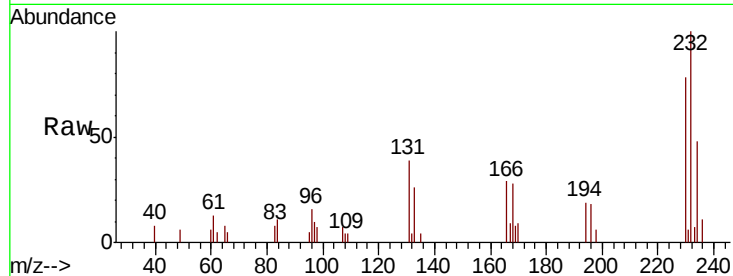




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.590 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

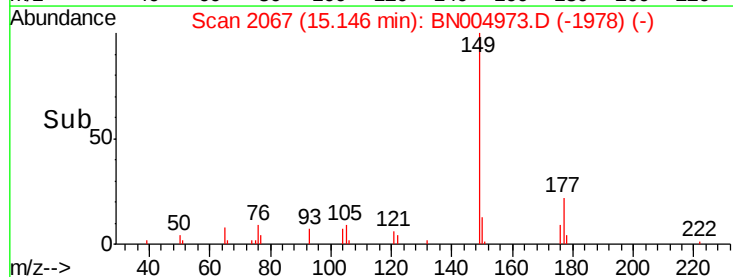
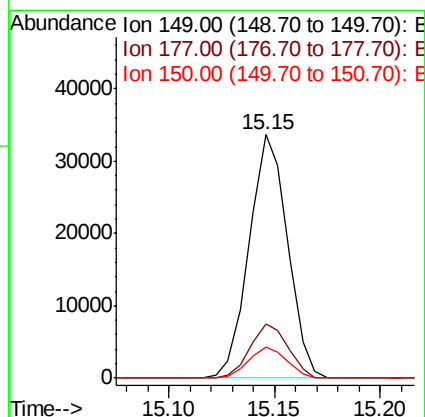
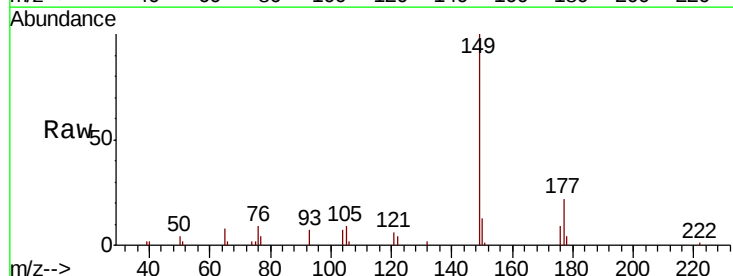
Instrument :
 BNA_N
 ClientSampleId :

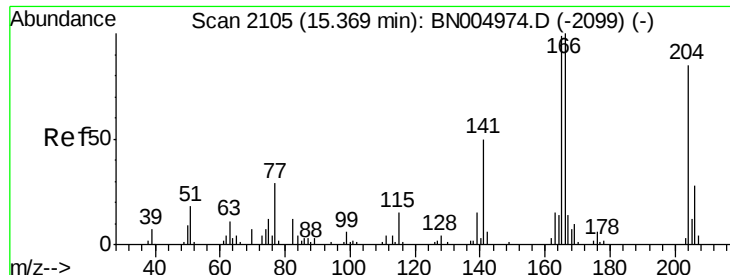
Tot Ion:	232	Resp:	11066
Ion	Ratio	Lower	Upper
232	100		
131	39.9	32.4	48.6
130	0.0	0.9	1.3#
166	27.7	22.6	34.0



#60
 Diethylphthalate
 Concen: 20.551 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:	149	Resp:	42605
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.1	27.1
150	12.8	10.1	15.1

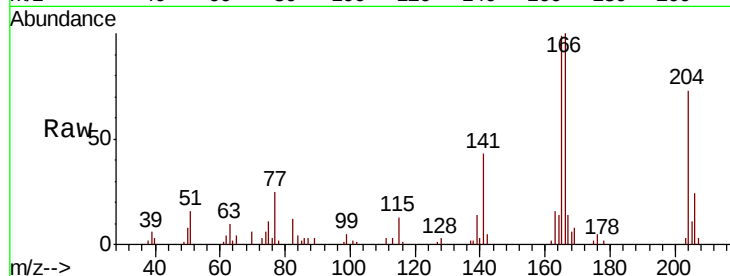




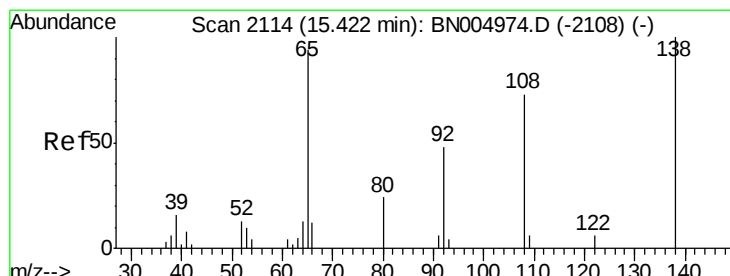
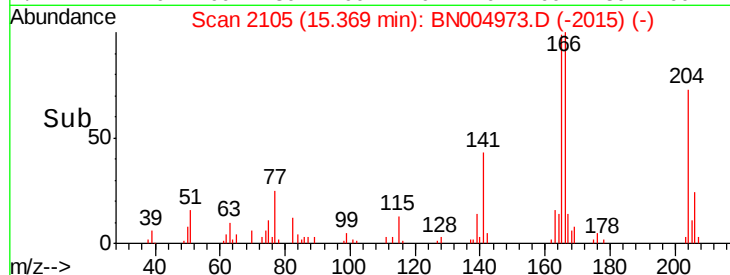
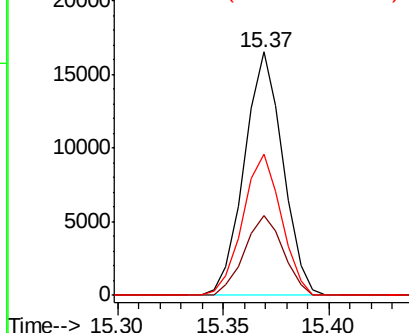
#61
 4-Chlorophenyl-phenylether
 Concen: 19.672 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:204 Resp: 21021
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 58.1 47.2 70.8

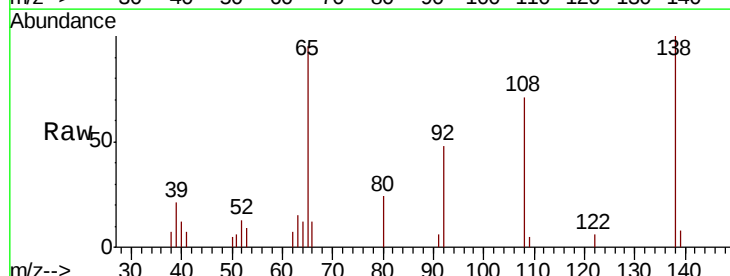


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

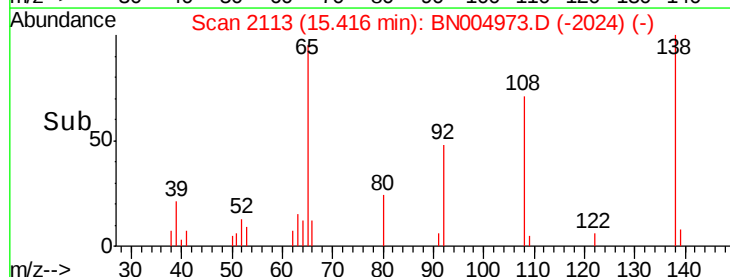
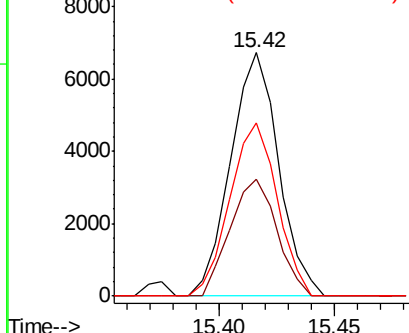


#62
 4-Nitroaniline
 Concen: 19.863 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:138 Resp: 9746
 Ion Ratio Lower Upper
 138 100
 92 48.0 26.4 66.4
 108 71.0 50.8 90.8



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





#63

Azobenzene

Concen: 20.759 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 35127

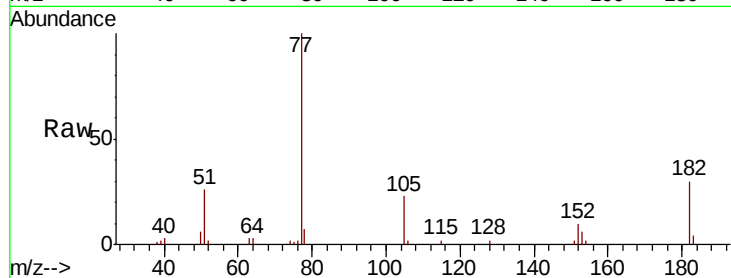
Ion Ratio Lower Upper

77 100

182 30.1 10.0 50.0

105 23.0 2.9 42.9

51 25.9 6.0 46.0

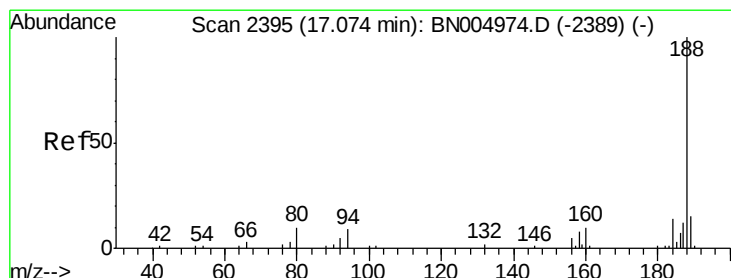
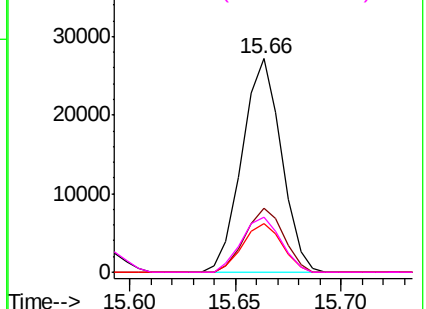
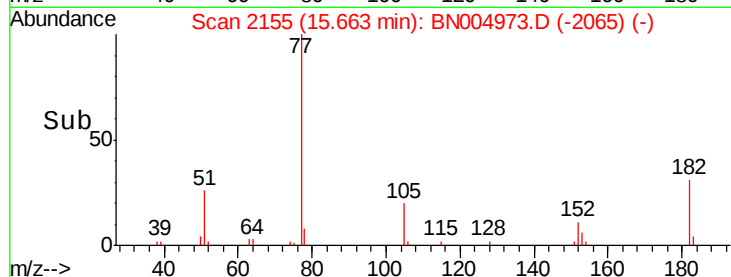


Abundance Ion 77.00 (76.70 to 77.70): BNC

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: BN004973.D

Acq: 26 Mar 2019 13:06

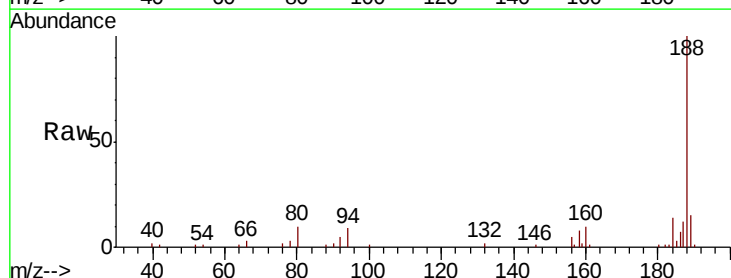
Tgt Ion: 188 Resp: 56062

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

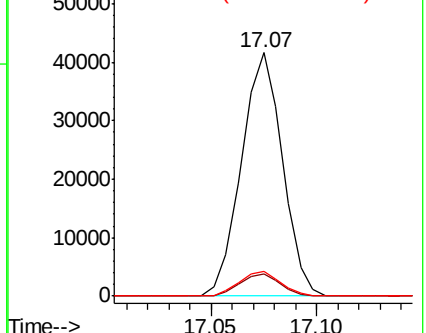
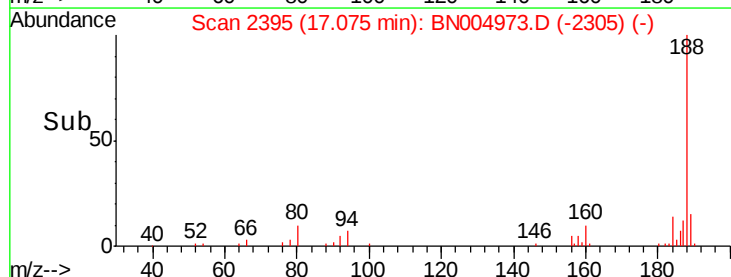
80 10.0 7.8 11.6



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: 21.077 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

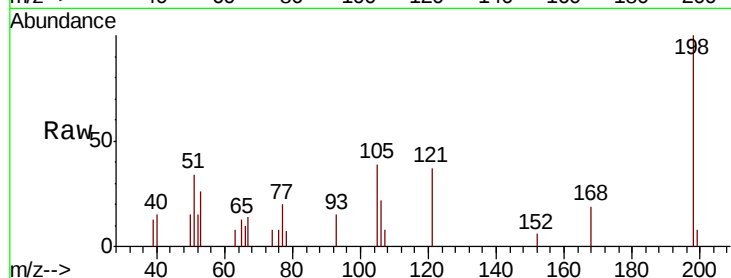
Tot Ion:198 Resp: 6928

Ion Ratio Lower Upper

198 100

51 33.8 12.0 52.0

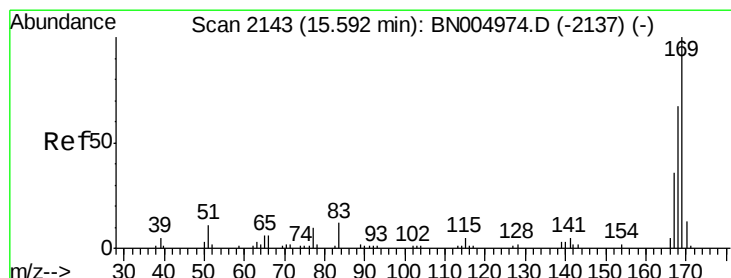
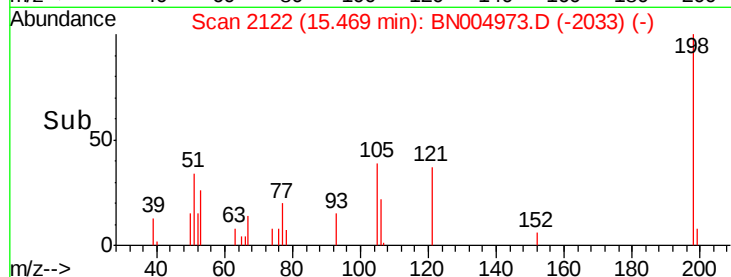
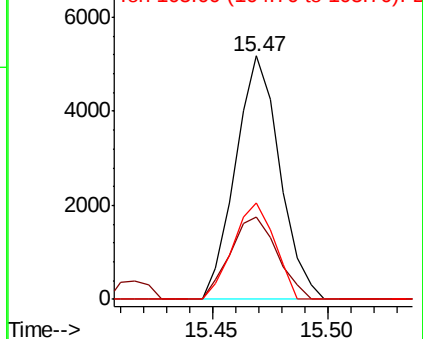
105 39.3 17.6 57.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 20.061 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

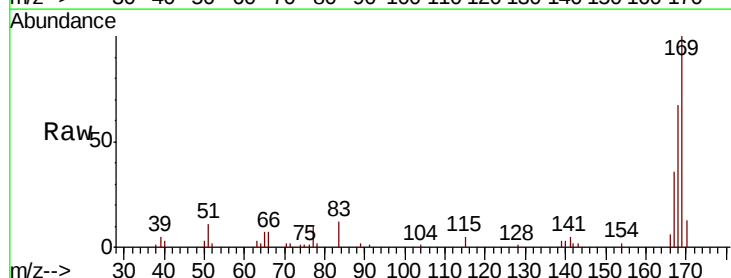
Tgt Ion:169 Resp: 35623

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.2

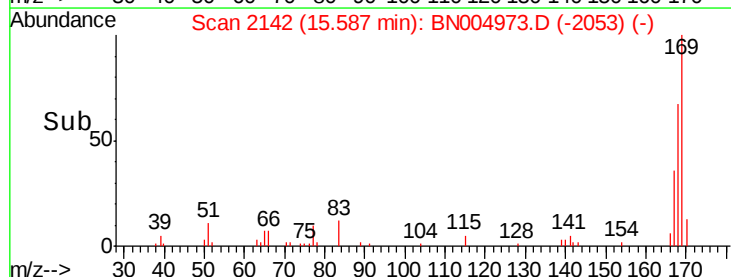
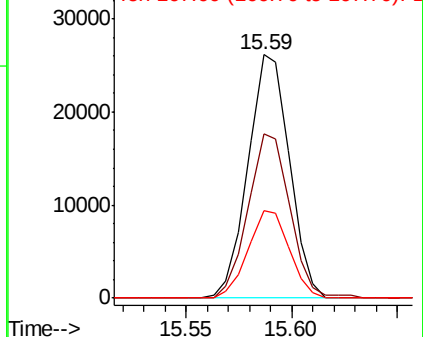
167 35.7 28.9 43.3



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

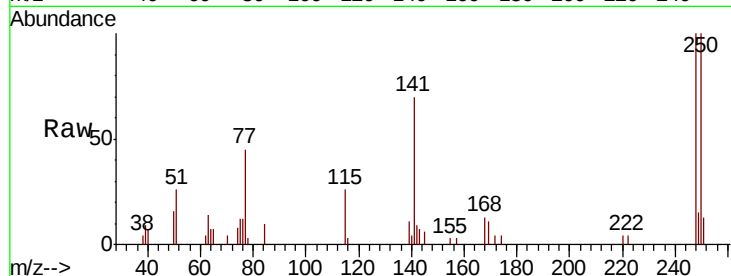




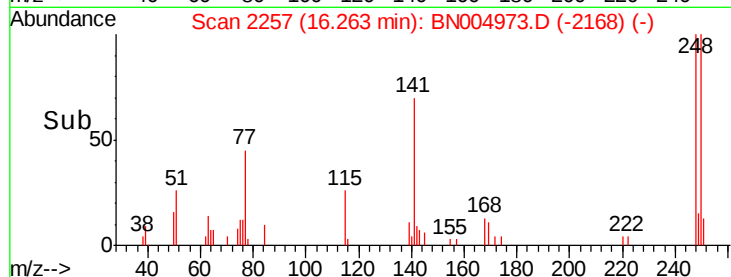
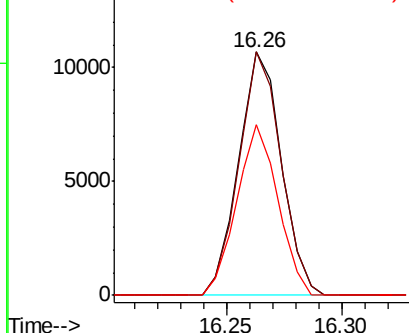
#67
 4-Bromophenyl-phenylether
 Concen: 19.548 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:248 Resp: 13823
 Ion Ratio Lower Upper
 248 100
 250 99.8 79.4 119.2
 141 69.9 52.3 78.5

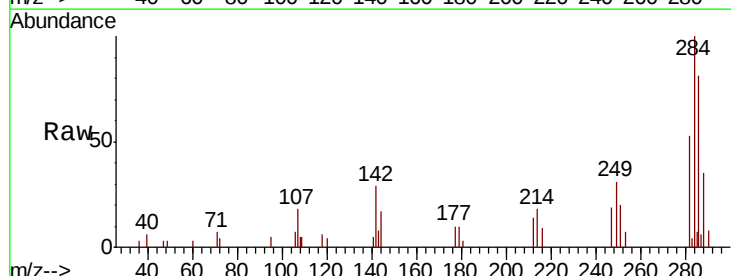


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

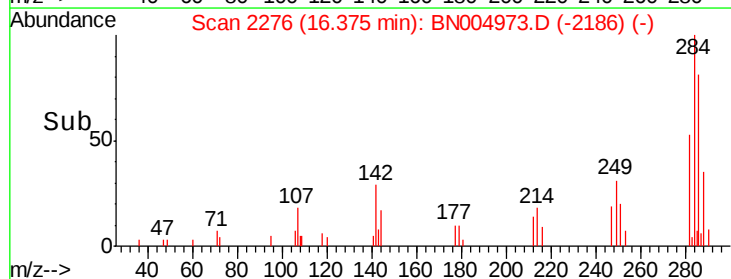
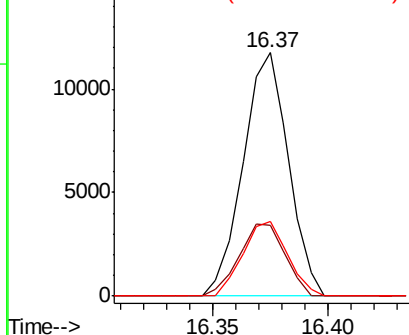


#68
 Hexachlorobenzene
 Concen: 19.531 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:284 Resp: 16074
 Ion Ratio Lower Upper
 284 100
 142 29.0 23.5 35.3
 249 30.5 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: 19.680 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

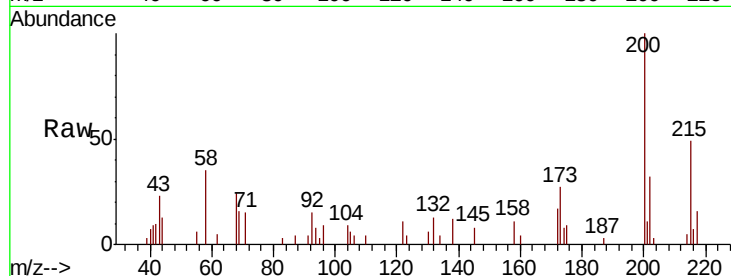
Tot Ion:200 Resp: 13072

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

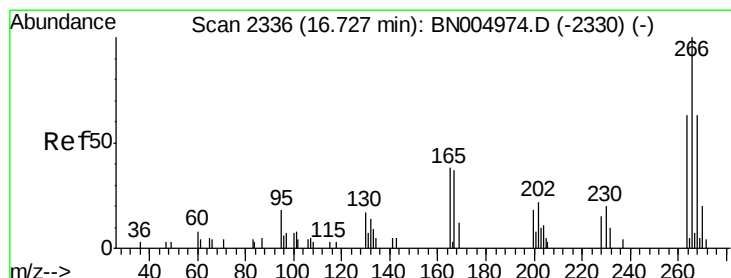
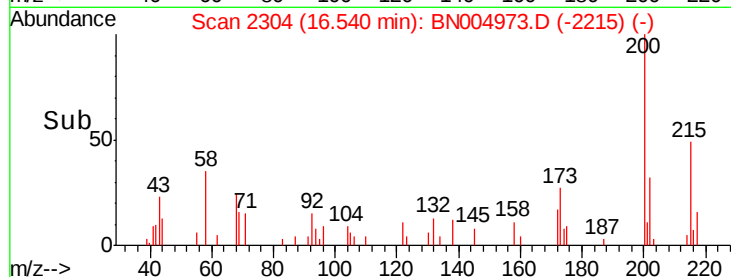
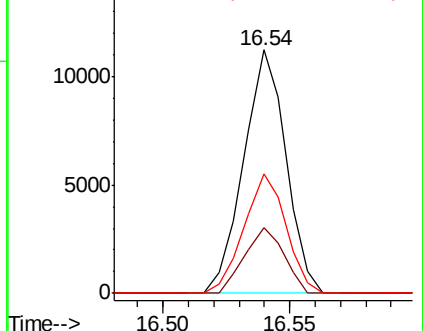
215 49.0 28.8 68.8



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: 13.330 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

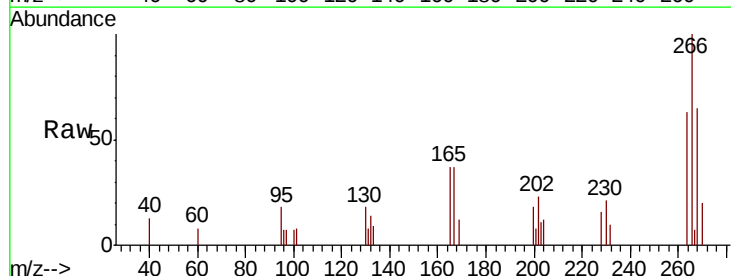
Tgt Ion:266 Resp: 7312

Ion Ratio Lower Upper

266 100

268 65.4 50.8 76.2

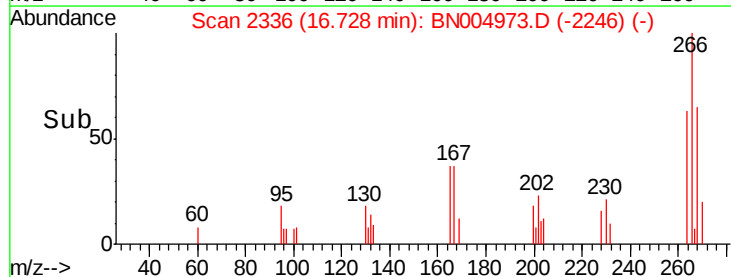
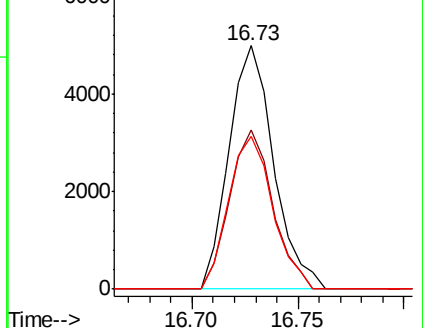
264 62.9 50.0 75.0

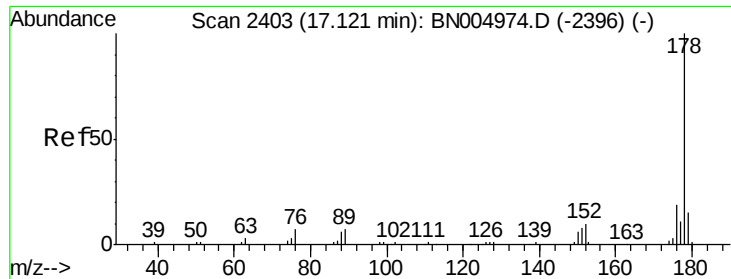


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

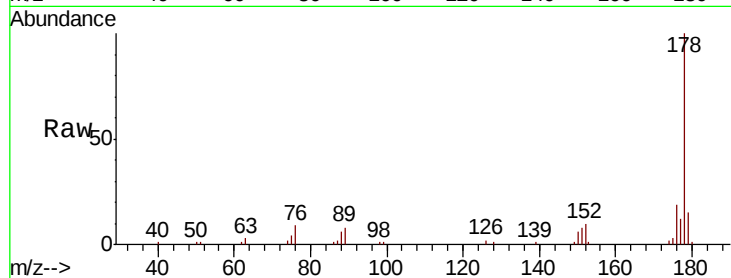




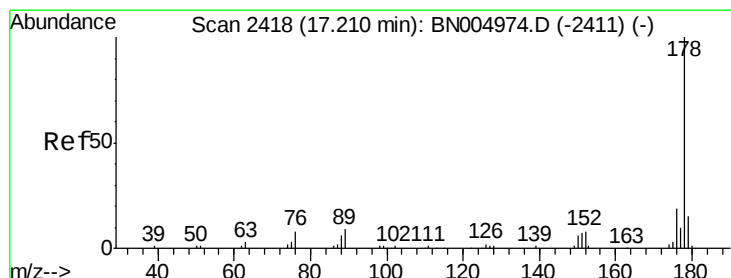
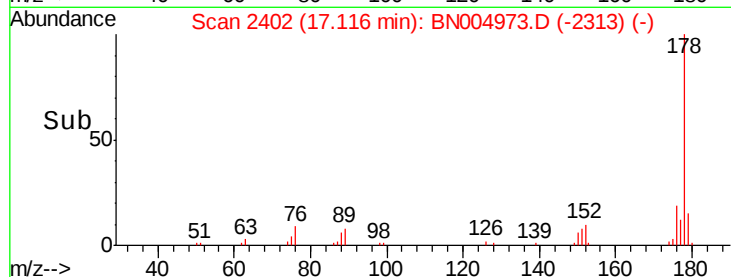
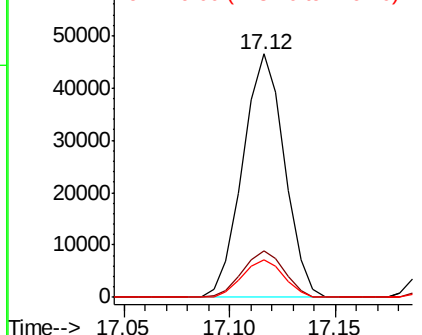
#71
Phenanthrene
Concen: 21.795 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 63831
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.2 12.3 18.5

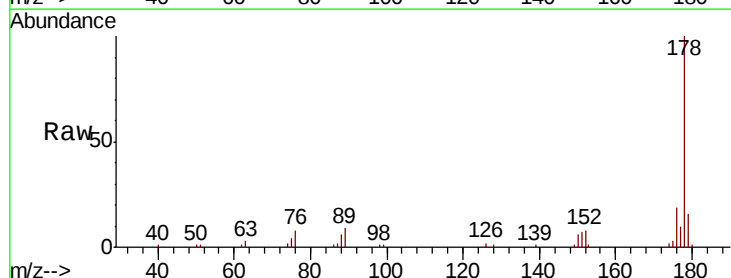


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

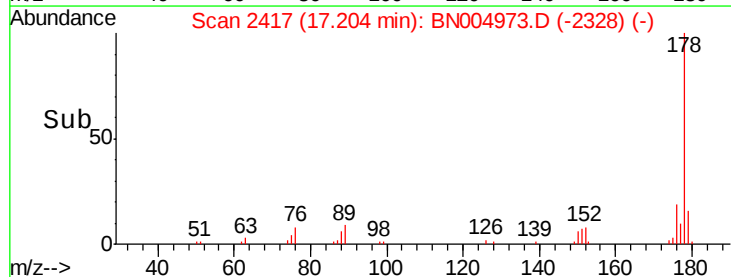
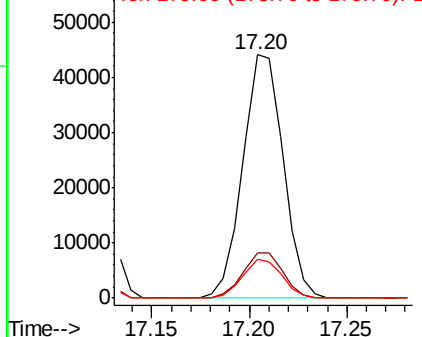


#72
Anthracene
Concen: 22.145 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:178 Resp: 63394
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.1 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

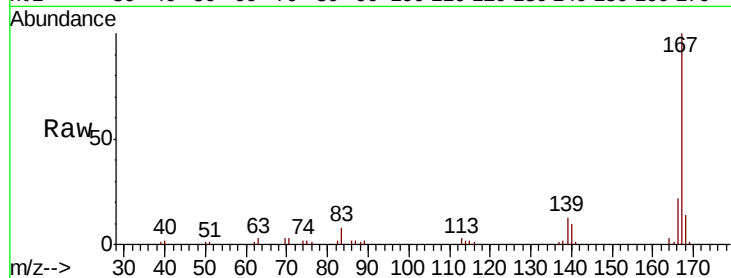




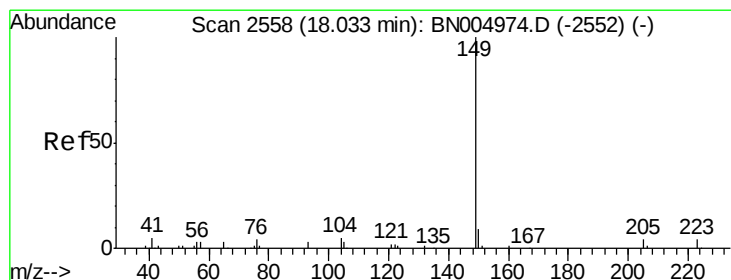
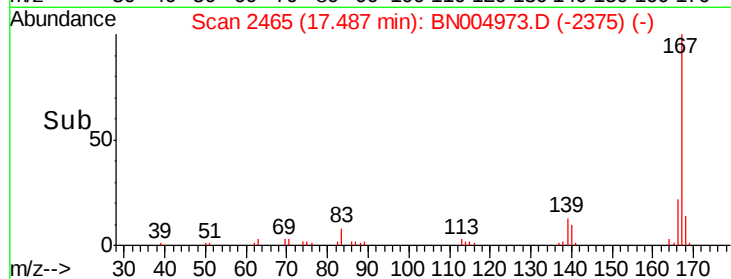
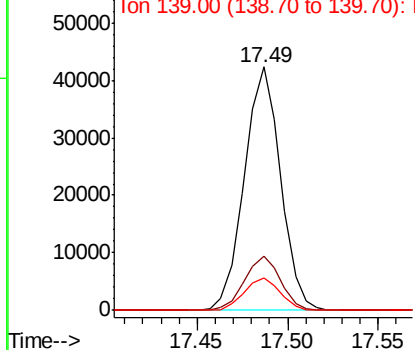
#73
 Carbazole
 Concen: 20.925 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:167 Resp: 58788
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.1 10.6 16.0

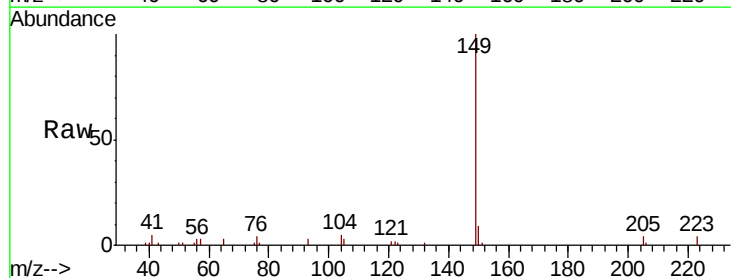


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

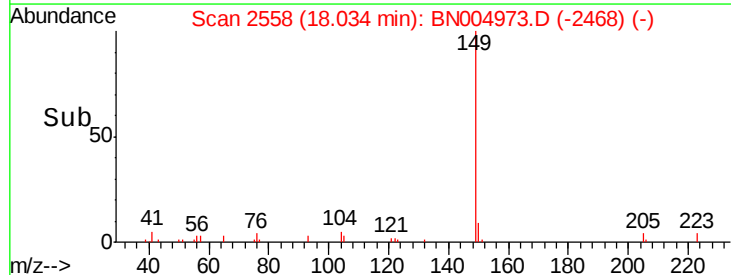
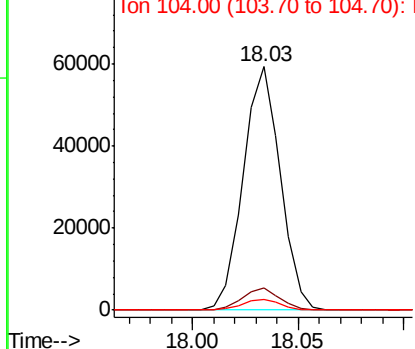


#74
 Di-n-butylphthalate
 Concen: 21.781 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. 0.00 min
 Lab File: BN004973.D
 Acq: 26 Mar 2019 13:06

Tgt Ion:149 Resp: 72206
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.5 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: 23.716 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

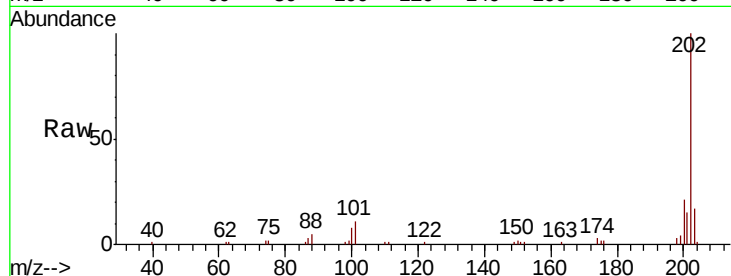
Tot Ion:202 Resp: 74874

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.1

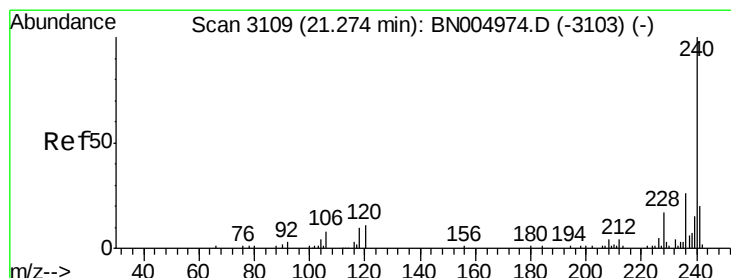
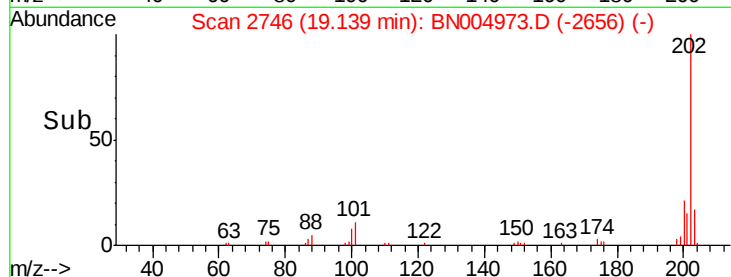
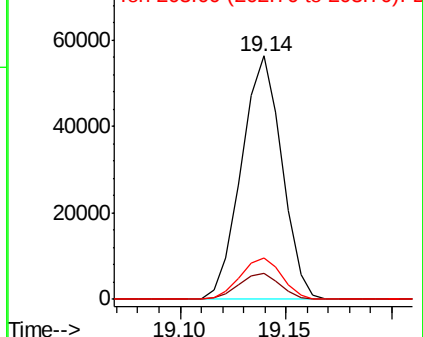
203 17.3 0.0 37.5



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: BN004973.D

Acq: 26 Mar 2019 13:06

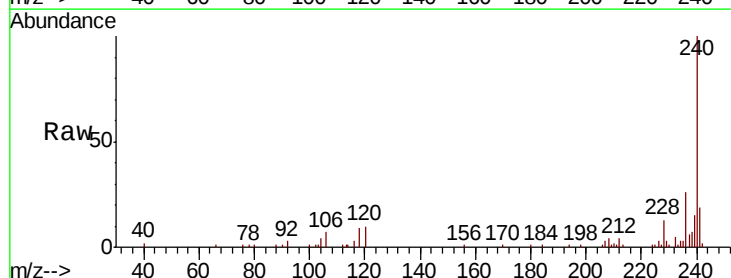
Tgt Ion:240 Resp: 56920

Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

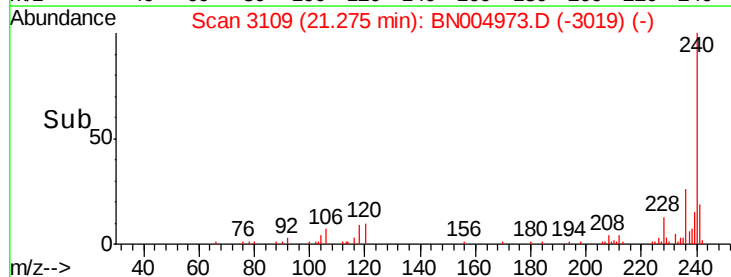
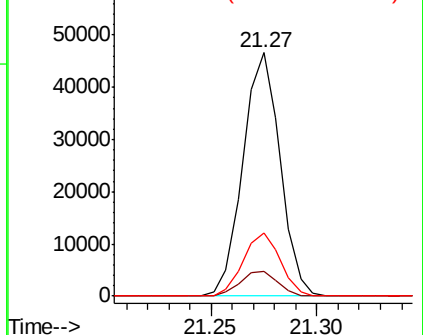
236 25.8 21.2 31.8



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: 19.831 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

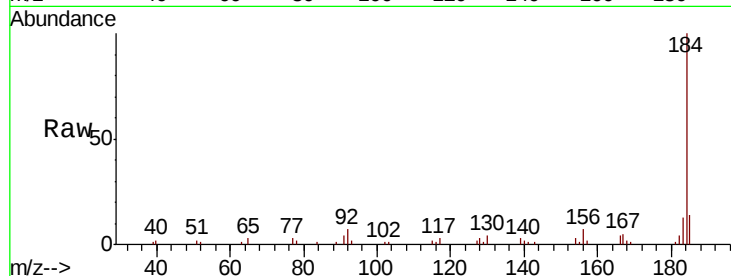
Instrument :

BNA_N

ClientSampleId :

Tot Ion:184 Resp: 39036

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	12.5	9.9	14.9

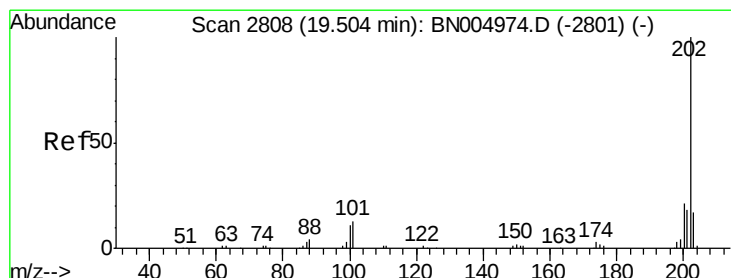
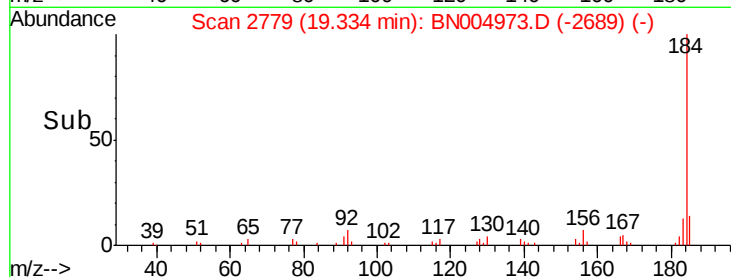
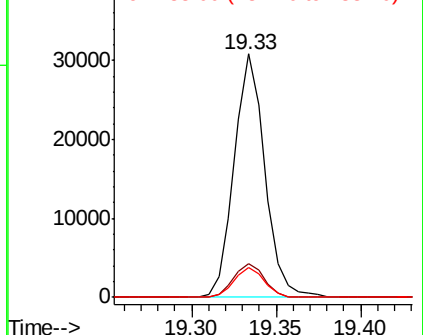


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.878 ng

RT: 19.50 min Scan# 2808

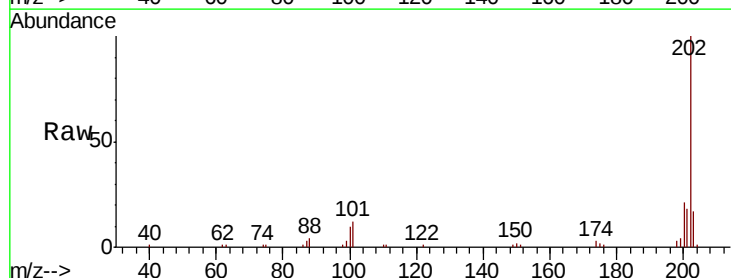
Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Tgt Ion:202 Resp: 76373

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.4	14.0	21.0

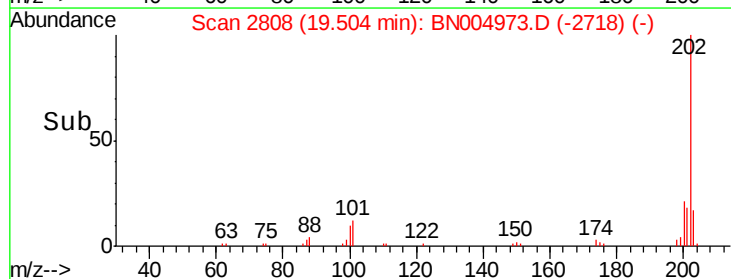
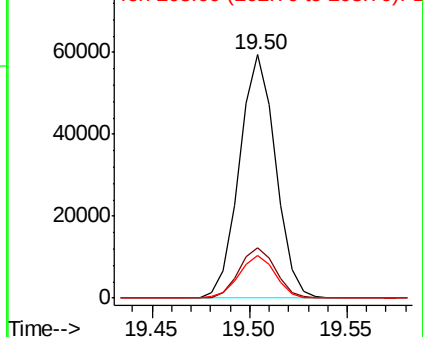


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 42.232 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

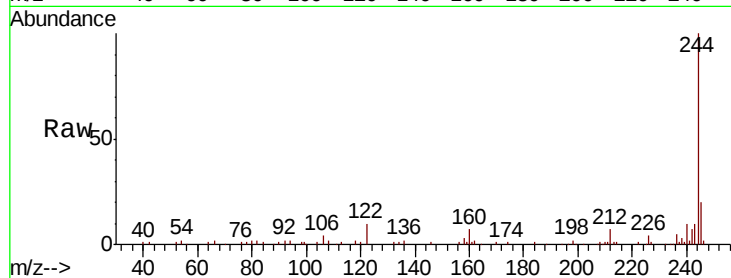
Tot Ion:244 Resp: 122101

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

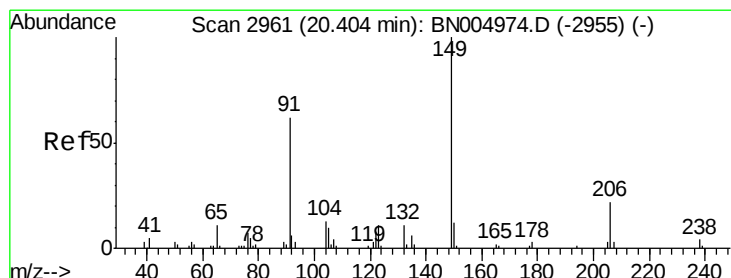
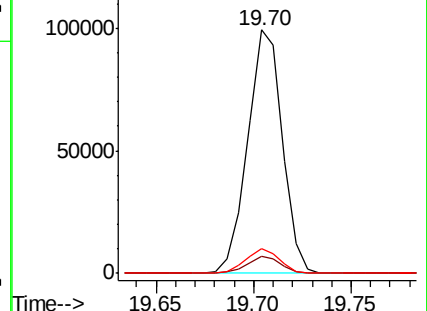
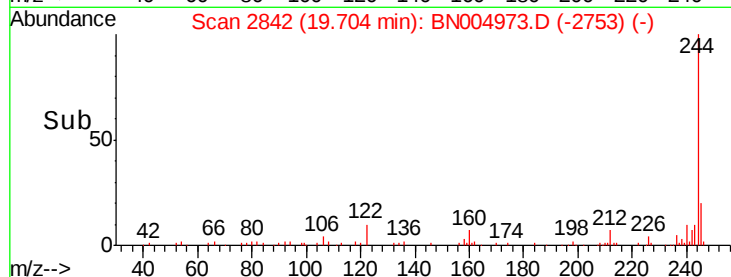
122 10.3 7.4 11.2



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: 19.083 ng

RT: 20.40 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

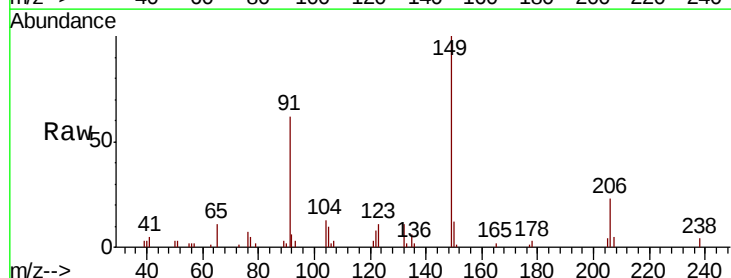
Tgt Ion:149 Resp: 31423

Ion Ratio Lower Upper

149 100

91 61.7 49.3 73.9

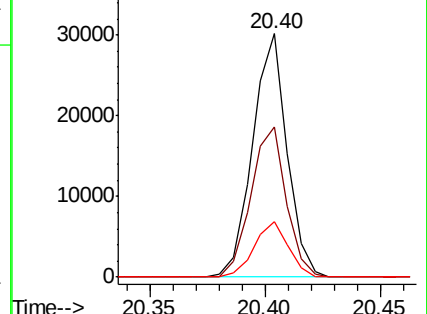
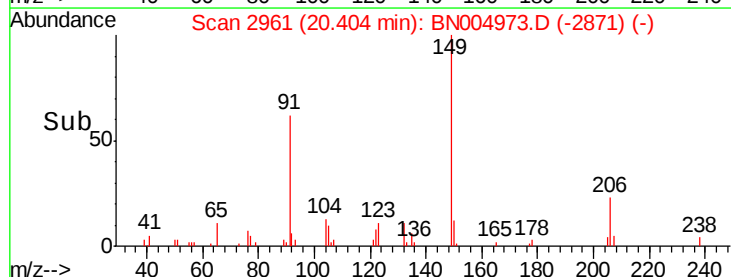
206 22.8 17.9 26.9

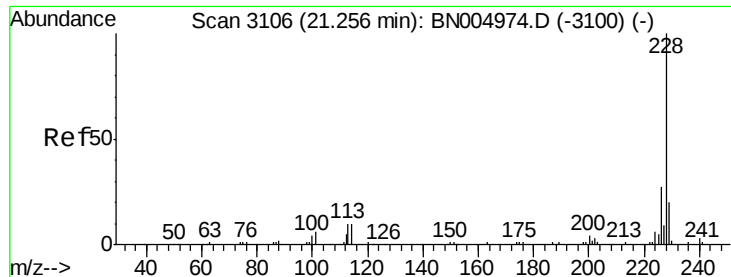


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.108 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

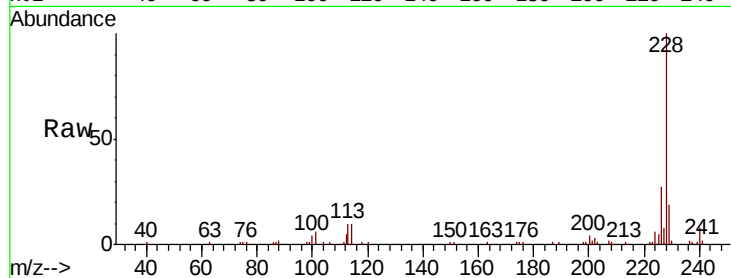
Tot Ion:228 Resp: 71583

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.5 15.9 23.9

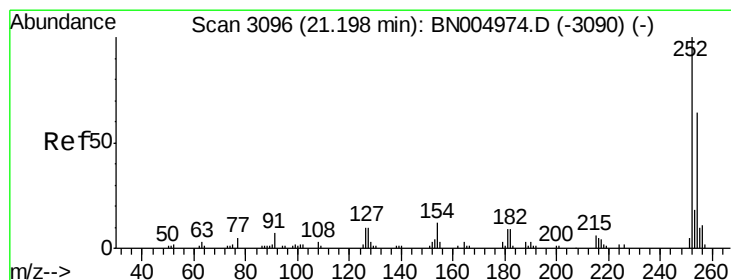
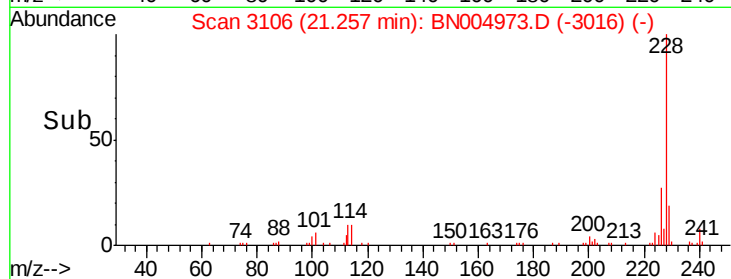
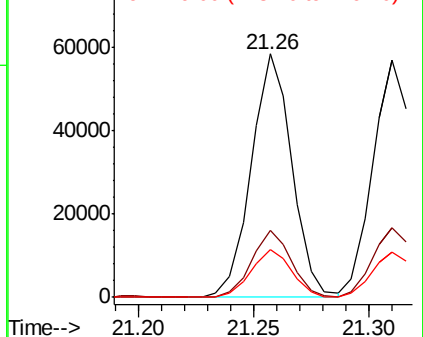


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.573 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

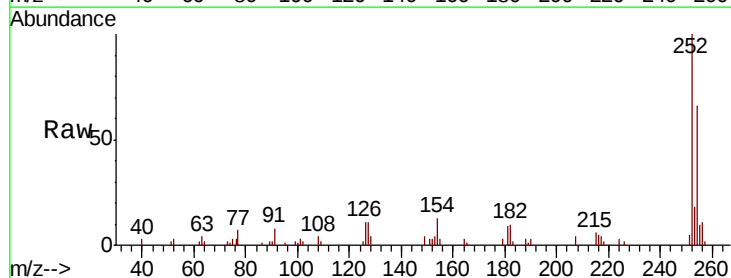
Tgt Ion:252 Resp: 27762

Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

126 11.1 7.9 11.9

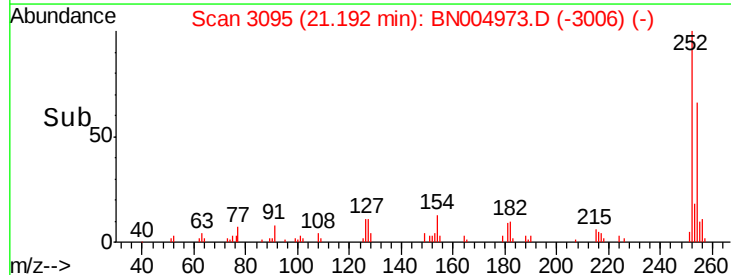
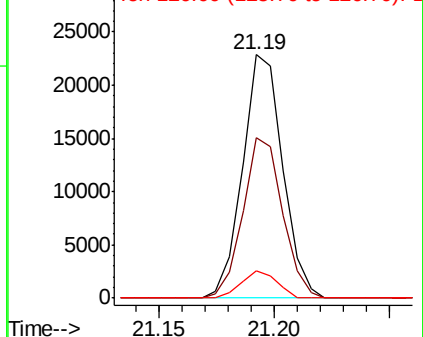


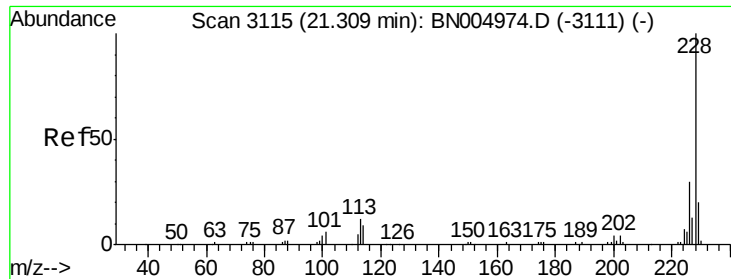
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

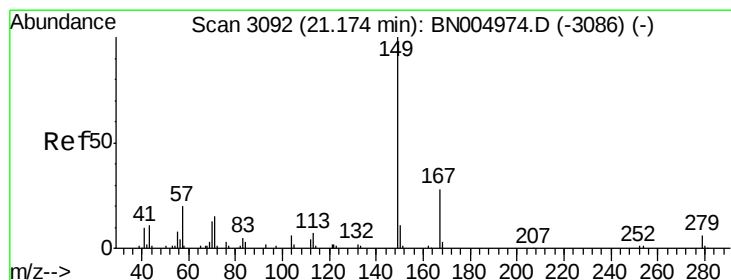
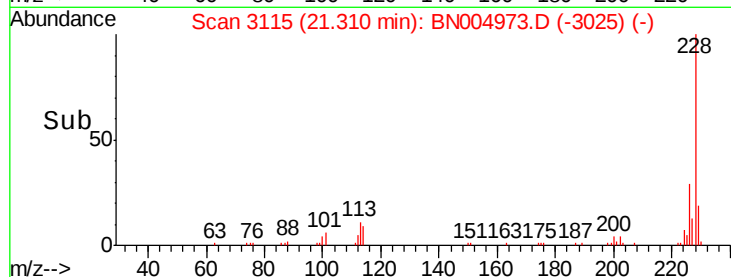
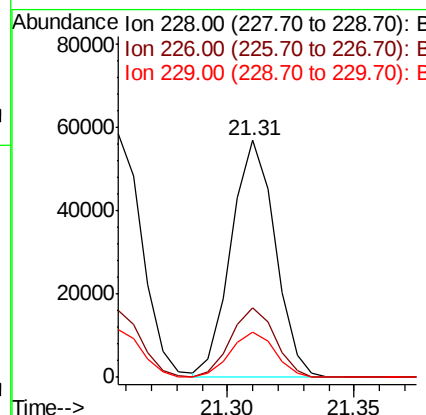
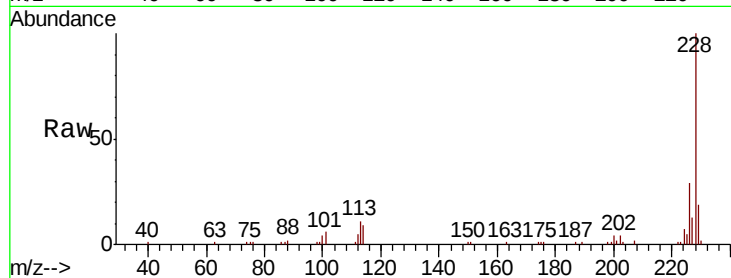




#83
Chrysene
Concen: 22.244 ng
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

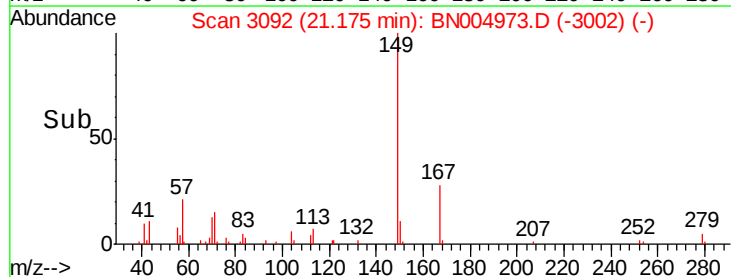
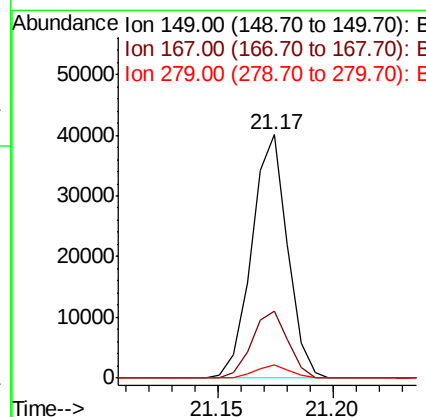
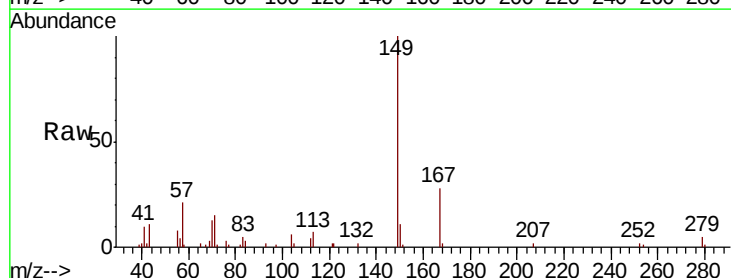
Instrument :
BNA_N
ClientSampleId :

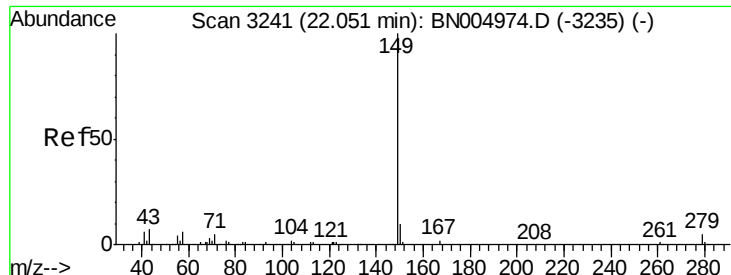
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.2
229	19.4	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.149 ng
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	5.5	4.5	6.7

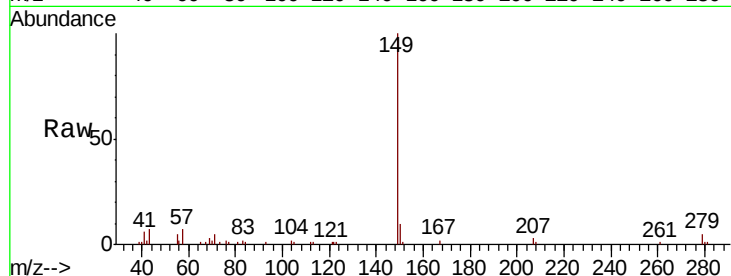




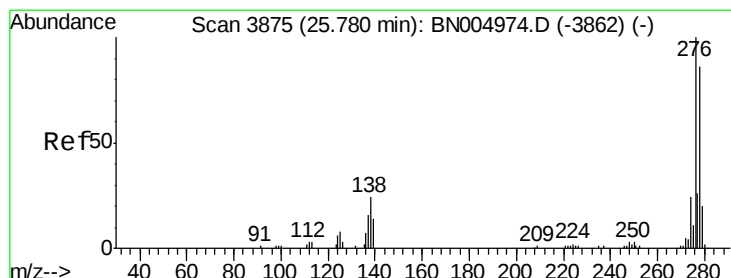
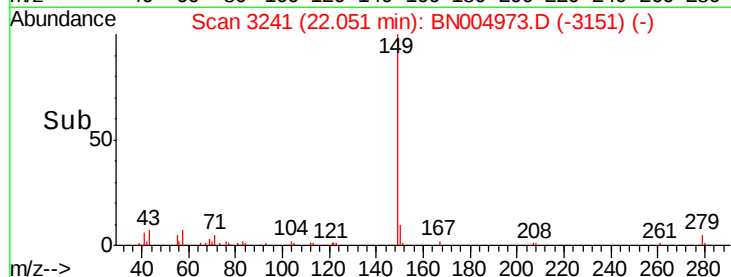
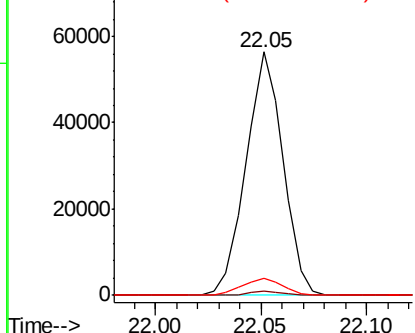
#85
Di-n-octyl phthalate
Concen: 19.282 ng
RT: 22.05 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 68385
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 7.6 5.8 8.6

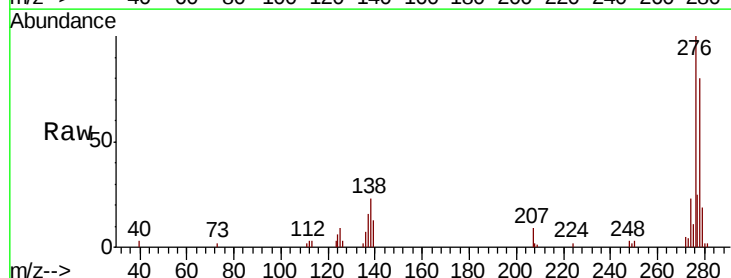


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNO

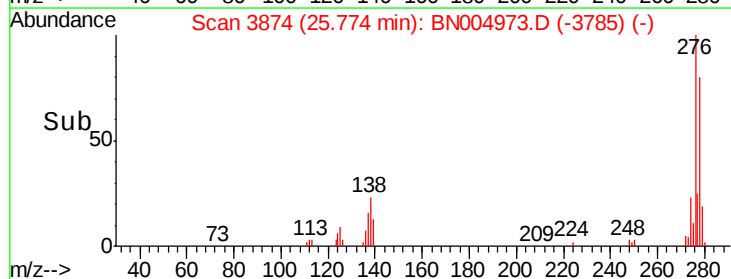
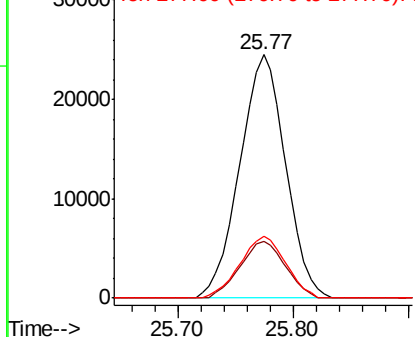


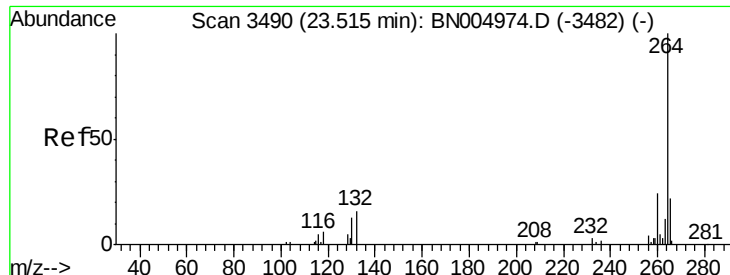
#86
Indeno(1,2,3-cd)pyrene
Concen: 20.625 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN004973.D
Acq: 26 Mar 2019 13:06

Tgt Ion:276 Resp: 67425
Ion Ratio Lower Upper
276 100
138 23.3 18.5 27.7
277 25.3 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: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampleId :

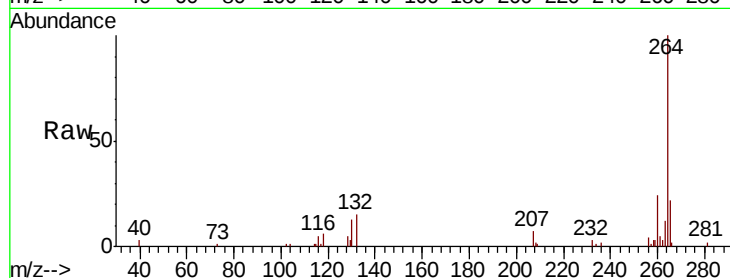
Tot Ion:264 Resp: 51808

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

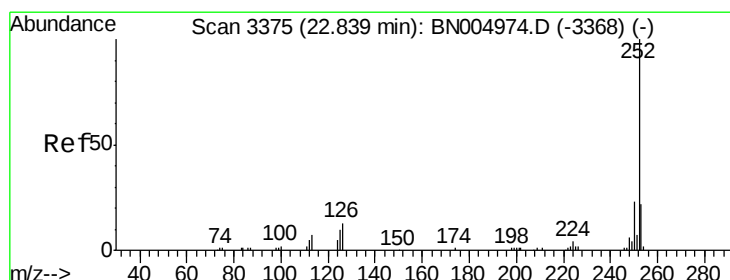
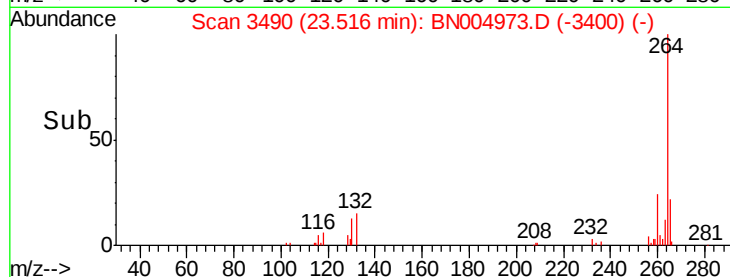
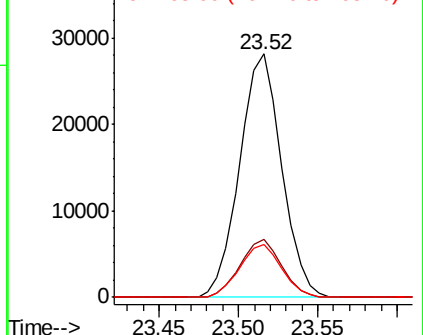
265 21.9 17.2 25.8



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: 22.875 ng

RT: 22.84 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

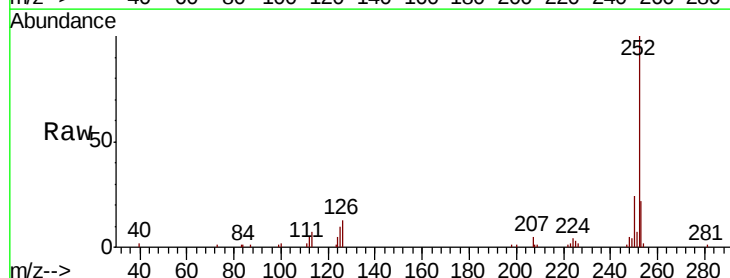
Tgt Ion:252 Resp: 65981

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

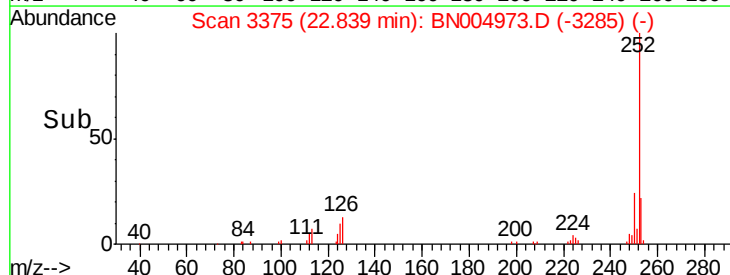
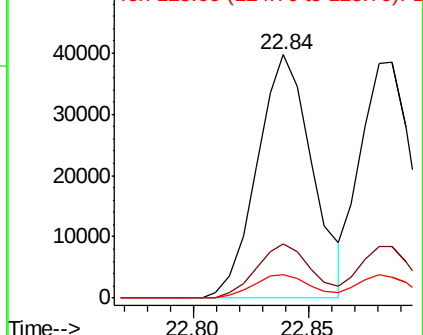
125 9.8 8.1 12.1

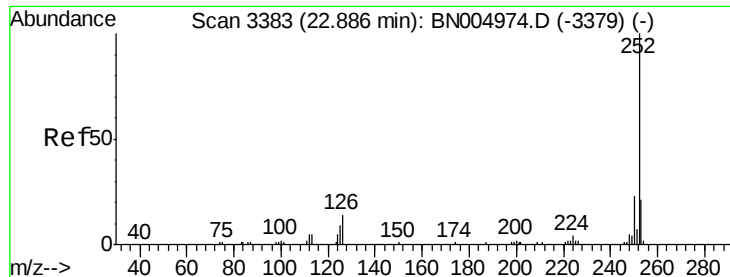


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.984 ng

RT: 22.89 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

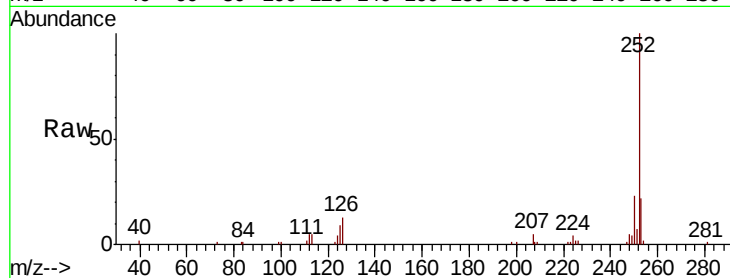
Tot Ion:252 Resp: 60229

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

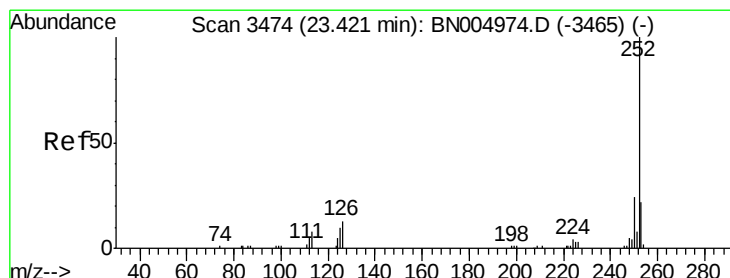
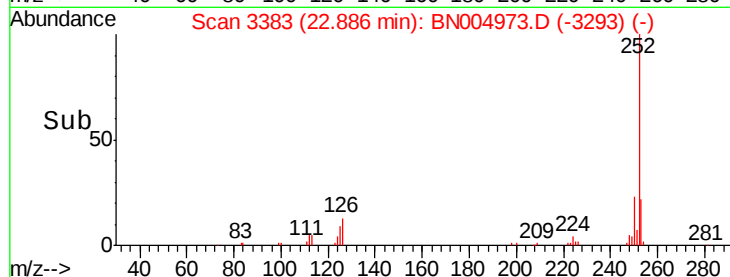
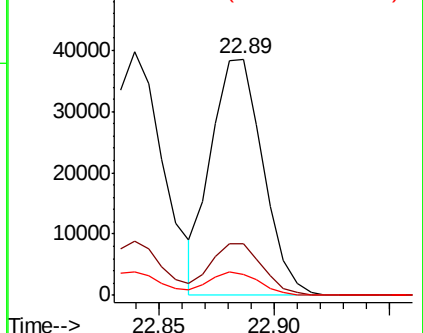
125 9.1 7.6 11.4



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: 22.113 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

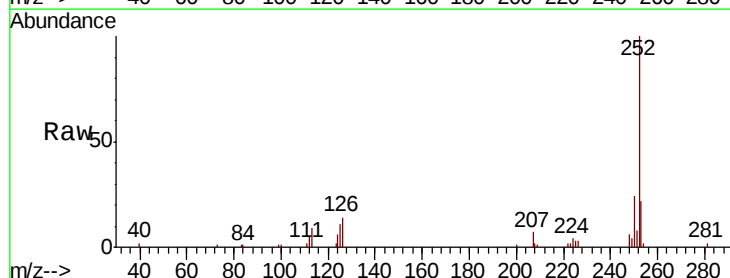
Tgt Ion:252 Resp: 59097

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

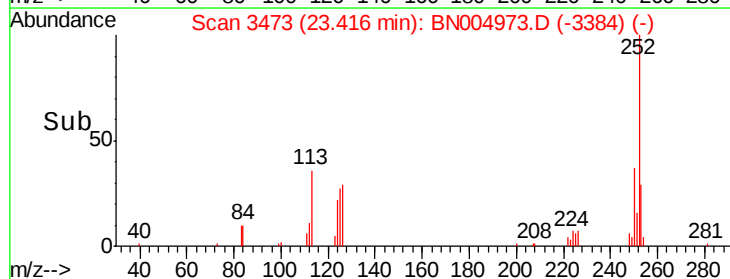
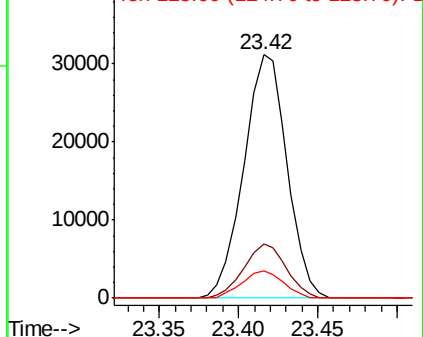
125 11.0 8.2 12.4

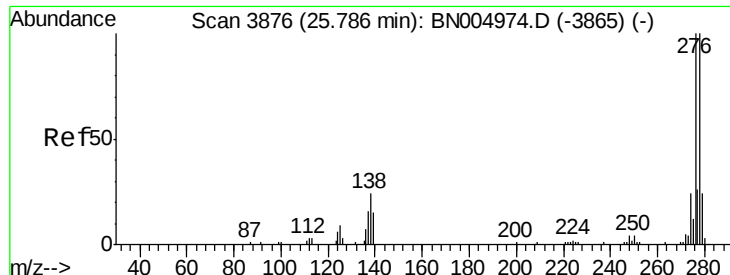


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 20.385 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

Instrument :

BNA_N

ClientSampled :

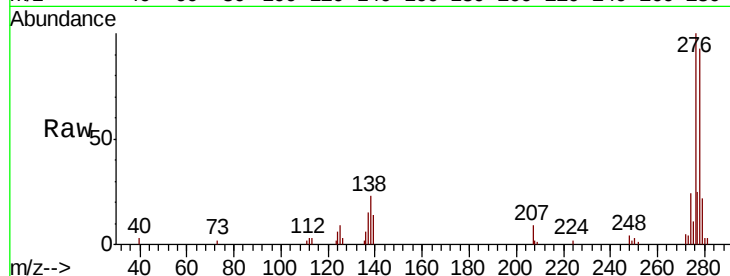
Tot Ion:278 Resp: 55479

Ion Ratio Lower Upper

278 100

139 15.4 11.8 17.8

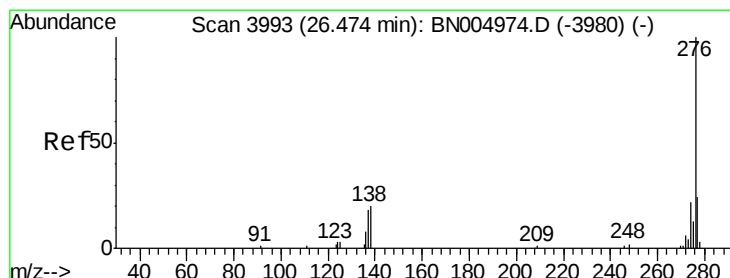
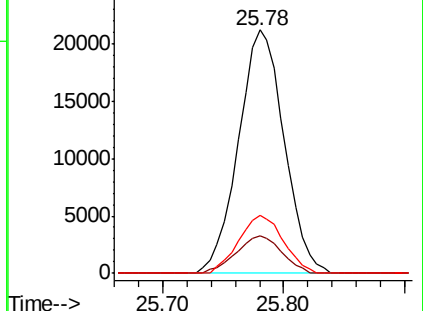
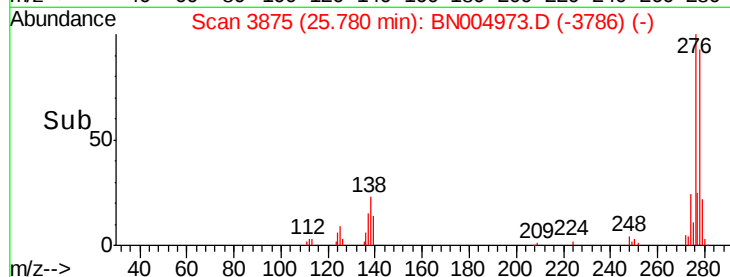
279 23.8 19.3 28.9



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: 20.508 ng

RT: 26.47 min Scan# 3992

Delta R.T. -0.01 min

Lab File: BN004973.D

Acq: 26 Mar 2019 13:06

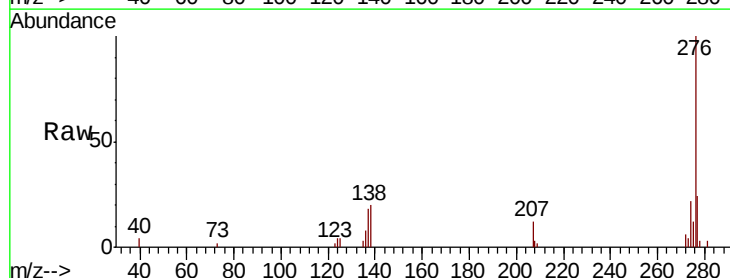
Tgt Ion:276 Resp: 54275

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 19.9 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

