

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004979.D
 Acq On : 26 Mar 2019 16:43
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Quant Time: Mar 26 19:30:10 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	9373	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	40853	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	22737	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	47705	20.00	ng	0.00
76) Chrysene-d12	21.27	240	44653	20.00	ng	0.00
87) Perylene-d12	23.52	264	46185	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	42712	82.19	ng	0.00
7) Phenol-d6	6.85	99	56674	78.63	ng	0.00
23) Nitrobenzene-d5	8.84	82	54617	84.15	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	28549	84.23	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	140552	82.51	ng	0.00
79) Terphenyl-d14	19.71	244	187274	82.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	7756	38.612	ng	99
3) Pyridine	3.59	79	21506	35.814	ng	99
4) n-Nitrosodimethylamine	3.52	42	7235	39.489	ng	98
6) Aniline	7.01	93	35732	40.116	ng	100
8) 2-Chlorophenol	7.24	128	27044	41.113	ng	99
9) Benzaldehyde	6.83	77	17056	34.576	ng	99
10) Phenol	6.88	94	30419	39.117	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	23605	38.285	ng	97
12) 1,3-Dichlorobenzene	7.56	146	29502	39.752	ng	99
13) 1,4-Dichlorobenzene	7.71	146	29824	39.320	ng	99
14) 1,2-Dichlorobenzene	8.02	146	28583	38.961	ng	99
15) Benzyl Alcohol	7.92	79	21449	39.928	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	28721	36.325	ng	99
17) 2-Methylphenol	8.12	107	21330	39.751	ng	99
18) Hexachloroethane	8.73	117	10597	42.927	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	18803	38.749	ng	98
20) 3+4-Methylphenols	8.45	107	28819	38.567	ng	98
22) Acetophenone	8.50	105	37579	40.345	ng	100
24) Nitrobenzene	8.88	77	27517	41.316	ng	99
25) Isophorone	9.39	82	52596	46.797	ng	99
26) 2-Nitrophenol	9.59	139	15876	41.927	ng	99
27) 2,4-Dimethylphenol	9.65	122	22030	40.704	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	32676	41.758	ng	99
29) 2,4-Dichlorophenol	10.12	162	25480	40.012	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	28151	38.785	ng	100
31) Naphthalene	10.51	128	85400	42.945	ng	100
32) Benzoic acid	9.80	122	16764	35.248	ng	99
33) 4-Chloroaniline	10.63	127	34444	38.820	ng	100
34) Hexachlorobutadiene	10.78	225	18139	41.735	ng	99
35) Caprolactam	11.42	113	8173	36.396	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	27107	40.183	ng	99
37) 2-Methylnaphthalene	12.13	142	60066	42.292	ng	100
38) 1-Methylnaphthalene	12.35	142	58491	42.519	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	32816	40.151	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004979.D
 Acq On : 26 Mar 2019 16:43
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Quant Time: Mar 26 19:30:10 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)
41) Hexachlorocyclopentadiene	12.46	237	17163	41.745	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	20111	39.628	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	22153	40.922	ng	99
46) 1,1'-Biphenyl	13.15	154	78369	38.916	ng	99
47) 2-Chloronaphthalene	13.20	162	59942	39.562	ng	98
48) 2-Nitroaniline	13.42	65	15835	41.945	ng	99
49) Acenaphthylene	14.05	152	100127	44.795	ng	99
50) Dimethylphthalate	13.79	163	74020	41.556	ng	99
51) 2,6-Dinitrotoluene	13.92	165	17111	41.155	ng	98
52) Acenaphthene	14.39	154	56226	41.476	ng	99
53) 3-Nitroaniline	14.25	138	17068	38.400	ng	97
54) 2,4-Dinitrophenol	14.46	184	8817	42.598	ng	96
55) Dibenzofuran	14.72	168	89658	40.149	ng	100
56) 4-Nitrophenol	14.57	139	13154	38.733	ng	99
57) 2,4-Dinitrotoluene	14.71	165	22744	40.472	ng	99
58) Fluorene	15.37	166	72004	43.637	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	19759	40.442	ng	# 98
60) Diethylphthalate	15.15	149	73520	39.010	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	37136	38.228	ng	98
62) 4-Nitroaniline	15.42	138	16945	37.989	ng	98
63) Azobenzene	15.66	77	62010	40.310	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	12386	38.848	ng	96
66) n-Nitrosodiphenylamine	15.59	169	61442	40.663	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	24200	40.218	ng	97
68) Hexachlorobenzene	16.37	284	28108	40.135	ng	99
69) Atrazine	16.54	200	21314	37.710	ng	100
70) Pentachlorophenol	16.72	266	14288	30.611	ng	99
71) Phenanthrene	17.12	178	107731	43.228	ng	100
72) Anthracene	17.21	178	107658	44.195	ng	99
73) Carbazole	17.49	167	95801	40.072	ng	100
74) Di-n-butylphthalate	18.03	149	115710	41.018	ng	100
75) Fluoranthene	19.14	202	118979	44.288	ng	99
77) Benzidine	19.33	184	56682	36.705	ng	97
78) Pyrene	19.50	202	120595	40.010	ng	99
80) Butylbenzylphthalate	20.40	149	47162	36.509	ng	100
81) Benzo(a)anthracene	21.26	228	111766	44.001	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	41202	38.921	ng	98
83) Chrysene	21.31	228	106820	43.971	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	65323	34.870	ng	100
85) Di-n-octyl phthalate	22.05	149	108296	38.924	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	132024	51.480	ng	100
88) Benzo(b)fluoranthene	22.85	252	109816	42.707	ng	99
89) Benzo(k)fluoranthene	22.89	252	105439	41.207	ng	99
90) Benzo(a)pyrene	23.42	252	104189	43.731	ng	100
91) Dibenzo(a,h)anthracene	25.79	278	108740	44.820	ng	99
92) Benzo(g,h,i)perylene	26.47	276	107774	45.681	ng	99

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

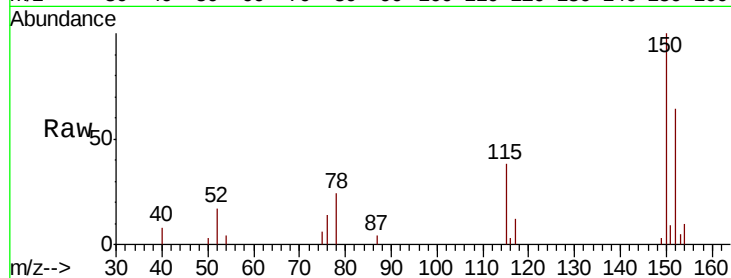


#1

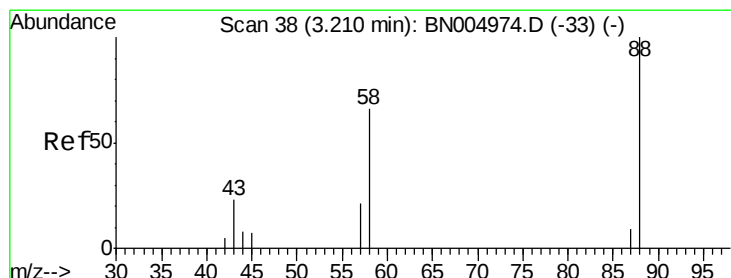
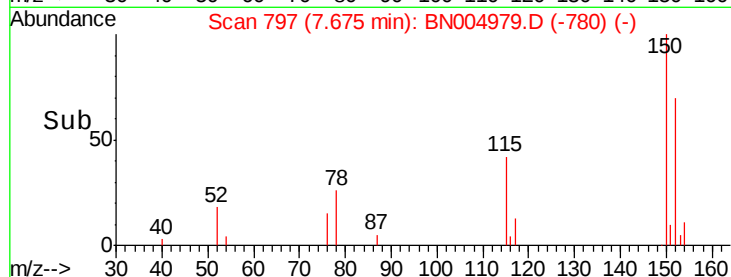
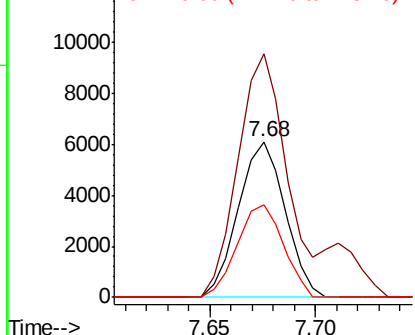
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion:152 Resp: 9373
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 59.3 47.8 71.6



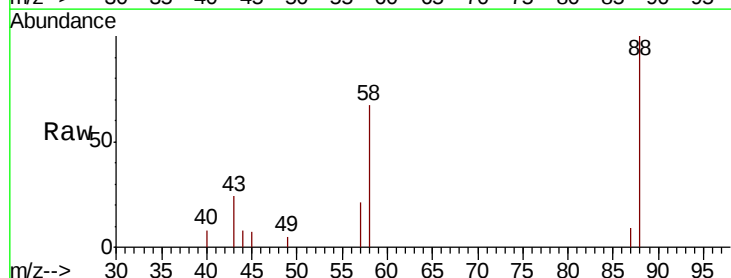
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



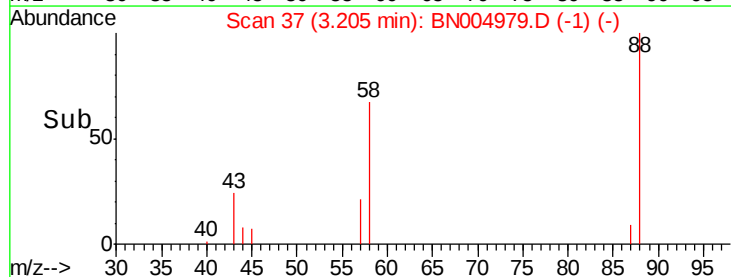
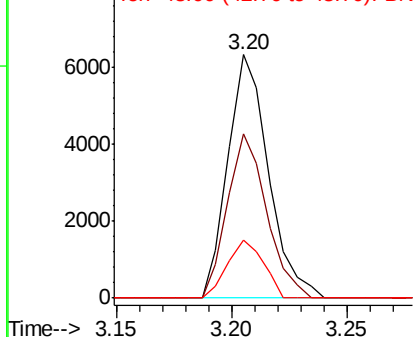
#2

1,4-Dioxane
Concen: 38.612 ng
RT: 3.20 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion: 88 Resp: 7756
Ion Ratio Lower Upper
88 100
58 65.1 51.0 76.6
43 21.2 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

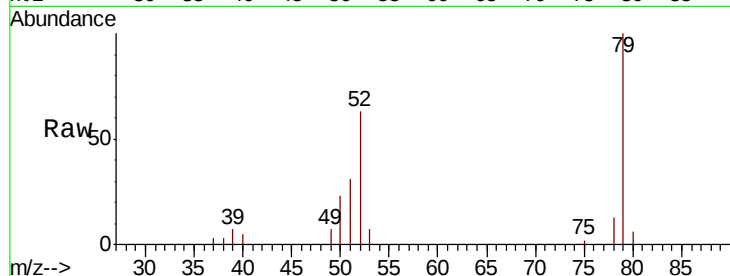




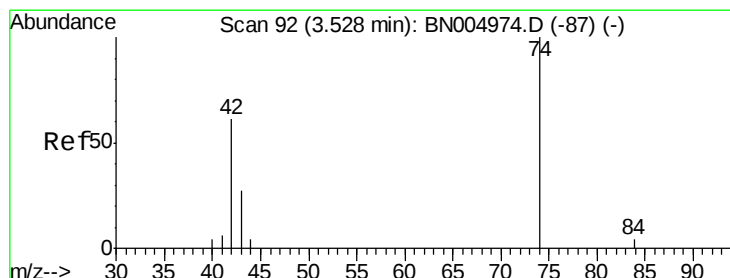
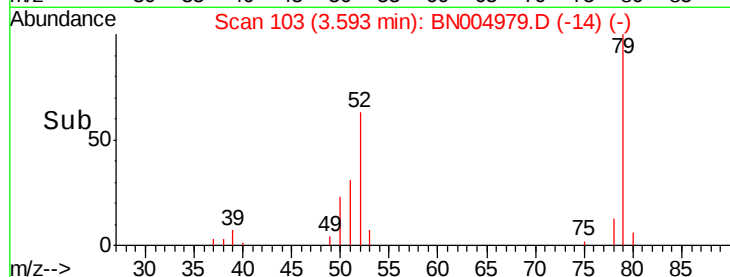
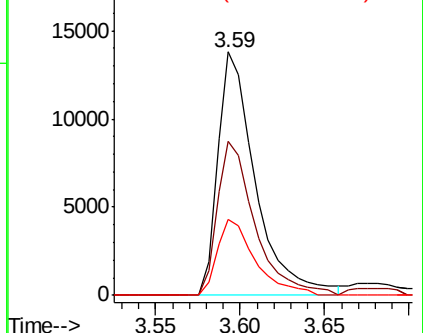
#3
 Pvridine
 Concen: 35.814 ng
 RT: 3.59 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion: 79 Resp: 21506
 Ion Ratio Lower Upper
 79 100
 52 63.3 50.2 75.4
 51 31.4 25.0 37.4

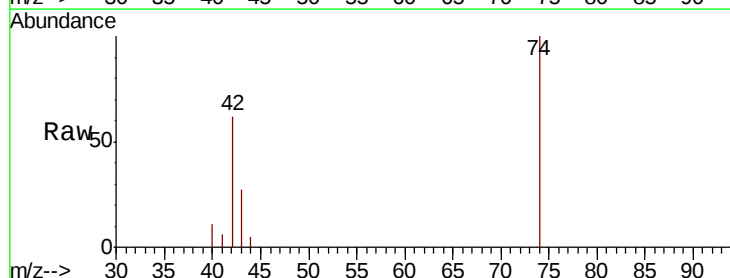


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

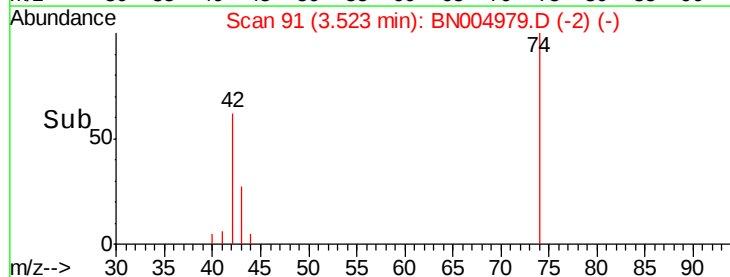
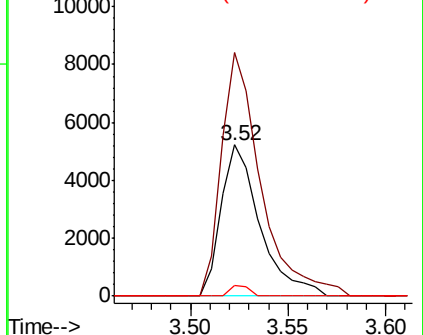


#4
 n-Nitrosodimethylamine
 Concen: 39.489 ng
 RT: 3.52 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion: 42 Resp: 7235
 Ion Ratio Lower Upper
 42 100
 74 161.1 130.8 196.2
 44 7.4 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: 82.187 ng

RT: 5.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

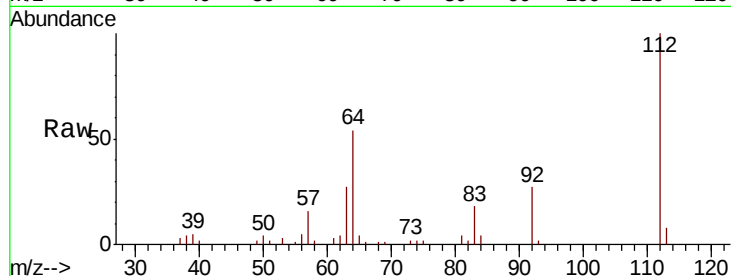
Tot Ion: 112 Resp: 42712

Ion Ratio Lower Upper

112 100

64 54.3 41.9 62.9

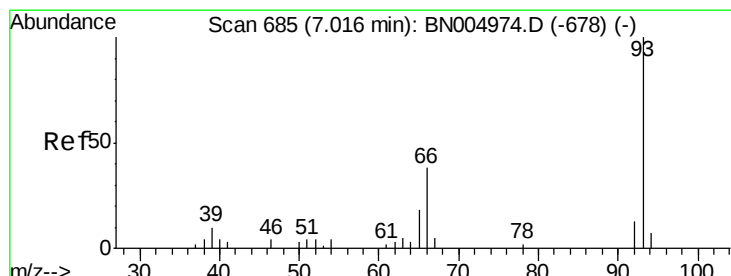
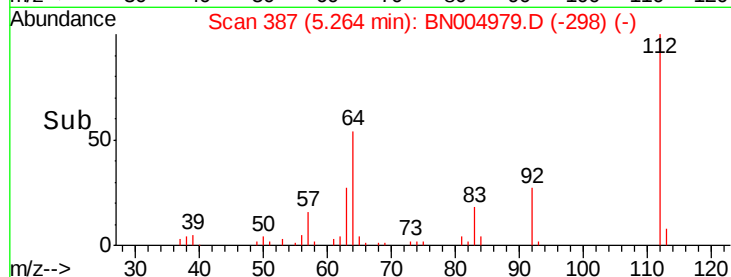
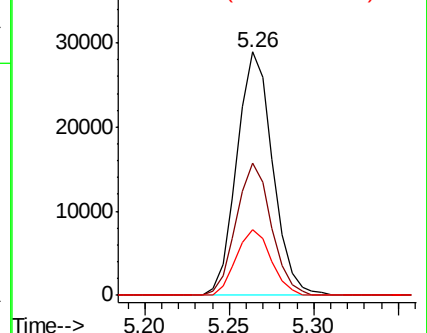
63 26.9 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 40.116 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

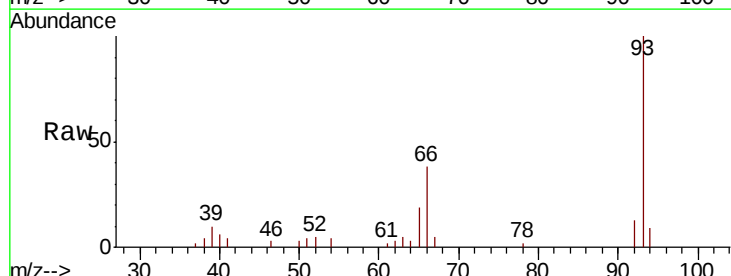
Tgt Ion: 93 Resp: 35732

Ion Ratio Lower Upper

93 100

66 38.0 30.2 45.4

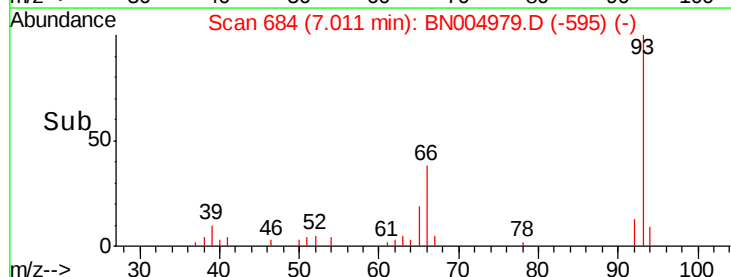
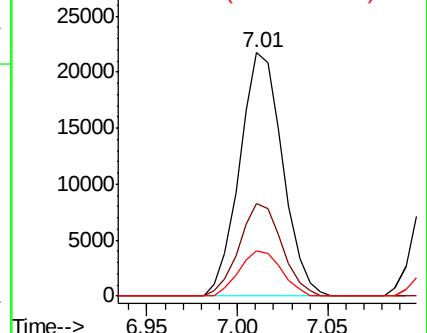
65 18.5 14.7 22.1

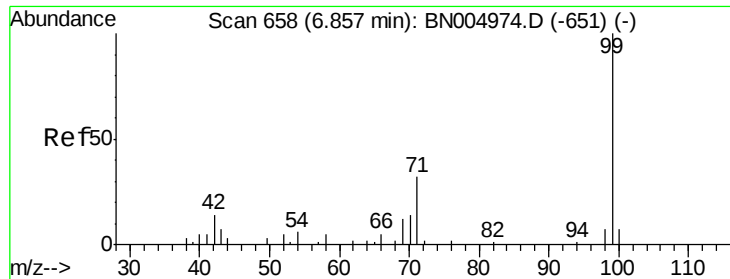


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 78.633 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

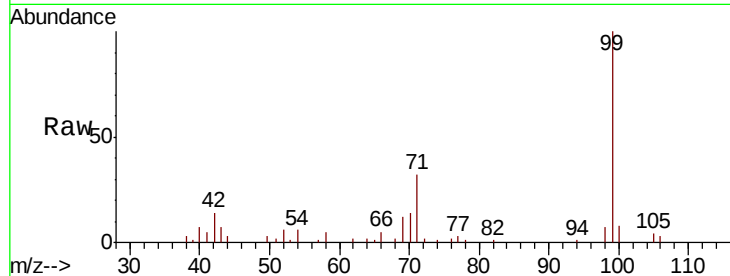
Tot Ion: 99 Resp: 56674

Ion Ratio Lower Upper

99 100

42 14.5 11.4 17.0

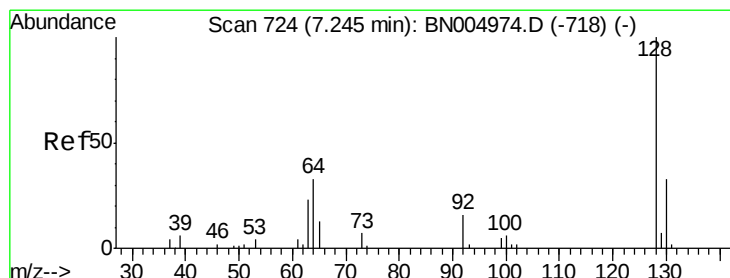
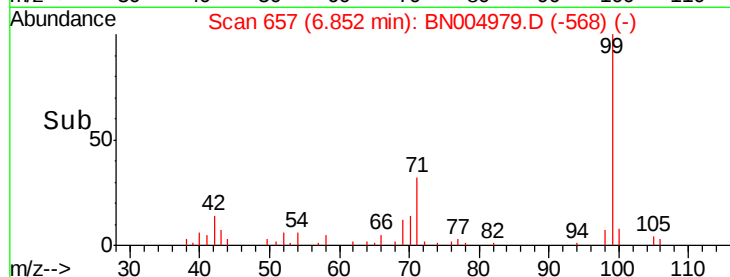
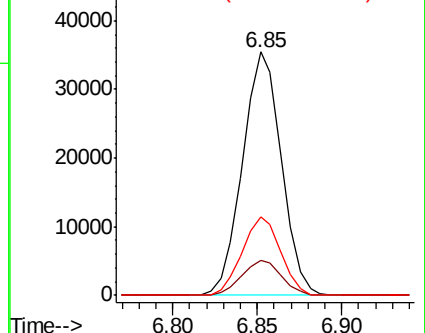
71 32.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004979.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004979.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004979.D (-651) (-)



#8

2-Chlorophenol

Concen: 41.113 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

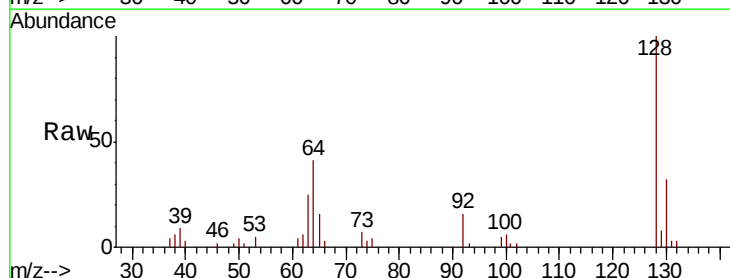
Tgt Ion: 128 Resp: 27044

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

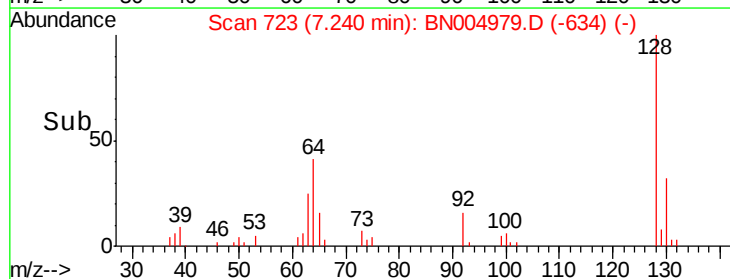
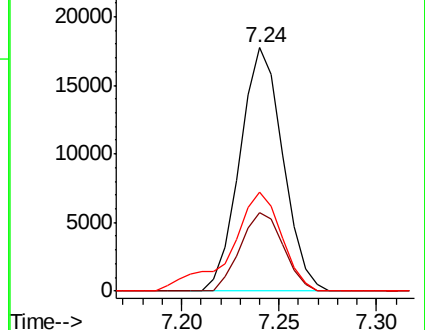
64 40.9 19.9 59.9

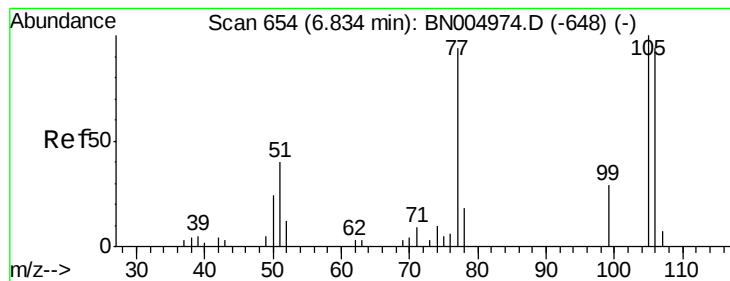


Abundance Ion 128.00 (127.70 to 128.70): BN004979.D (-634) (-)

Ion 130.00 (129.70 to 130.70): BN004979.D (-634) (-)

Ion 64.00 (63.70 to 64.70): BN004979.D (-634) (-)





#9

Benzaldehyde

Concen: 34.576 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

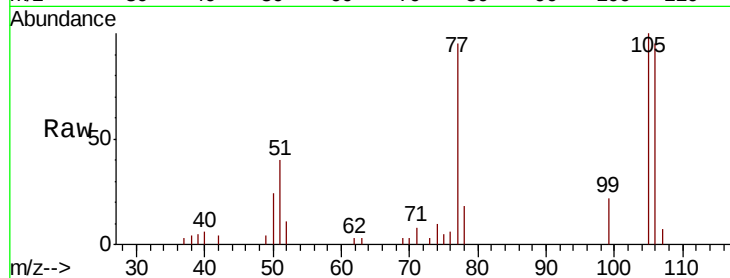
Tot Ion: 77 Resp: 17056

Ion Ratio Lower Upper

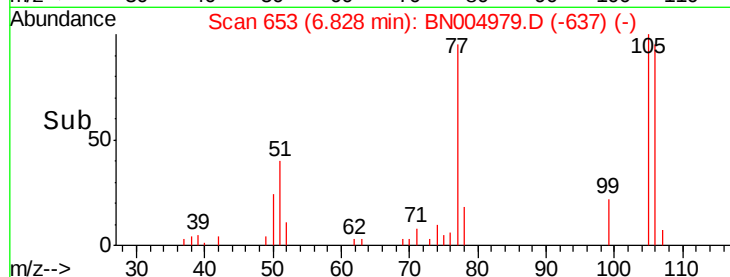
77 100

105 104.8 86.1 126.1

106 99.6 79.9 119.9

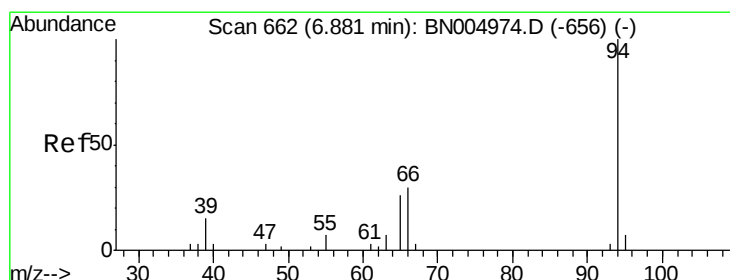
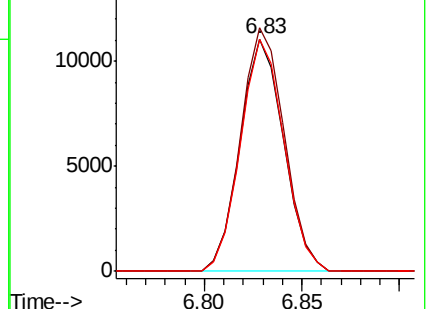


Abundance Ion 77.00 (76.70 to 77.70): BN004979.D (-637) (-)



Ion 105.00 (104.70 to 105.70): BN004979.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BN004979.D (-637) (-)



#10

Phenol

Concen: 39.117 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

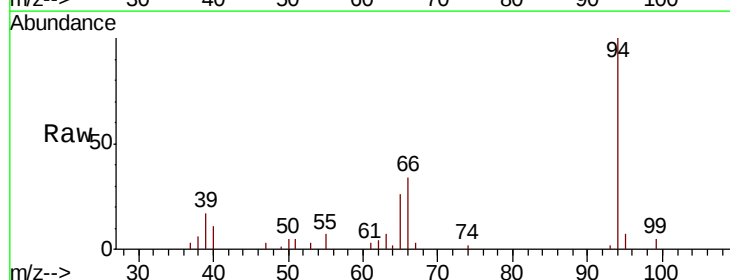
Tgt Ion: 94 Resp: 30419

Ion Ratio Lower Upper

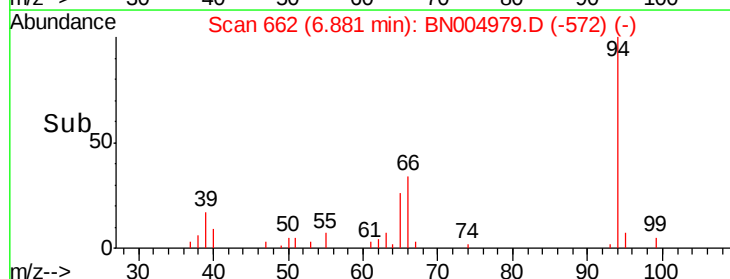
94 100

65 25.6 5.7 45.7

66 34.3 14.8 54.8

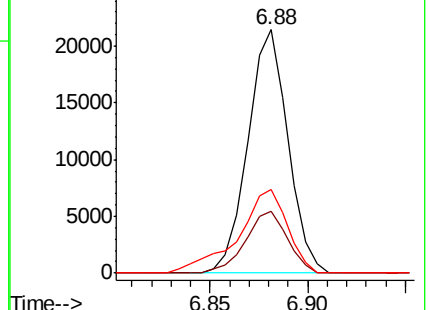


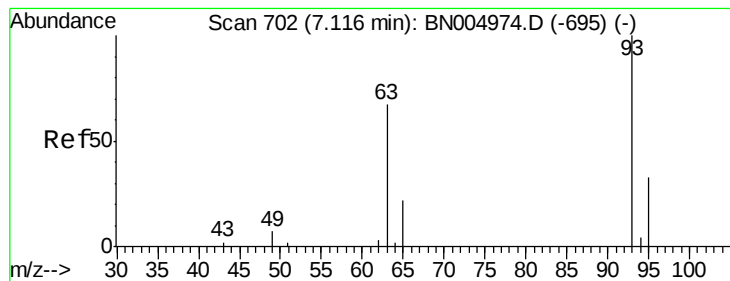
Abundance Ion 94.00 (93.70 to 94.70): BN004979.D (-572) (-)



Ion 65.00 (64.70 to 65.70): BN004979.D (-572) (-)

Ion 66.00 (65.70 to 66.70): BN004979.D (-572) (-)

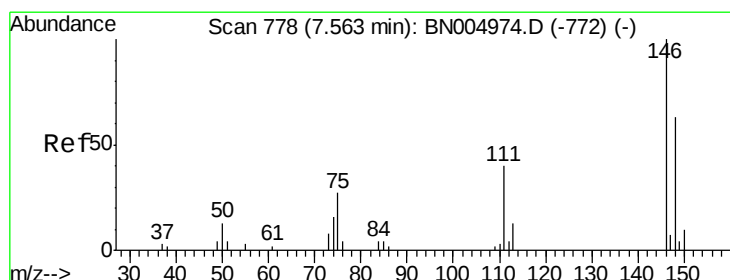
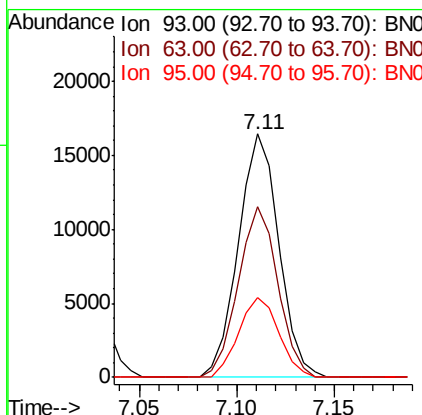
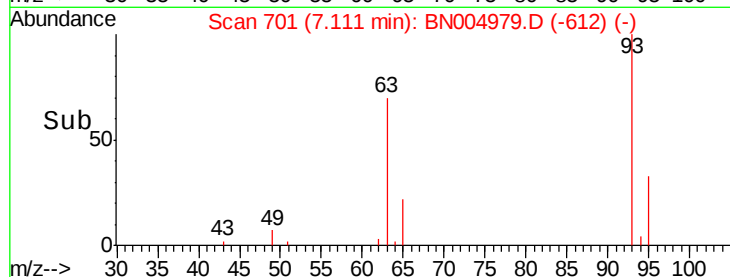
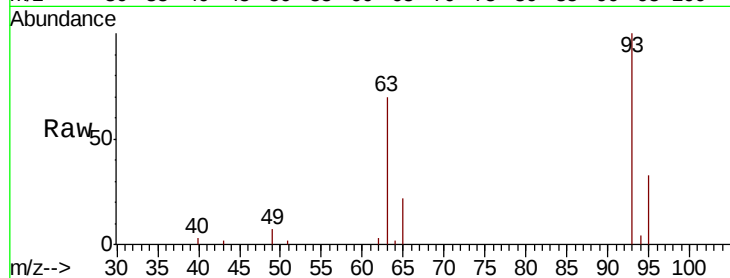




#11
bis(2-Chloroethyl)ether
Concen: 38.285 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

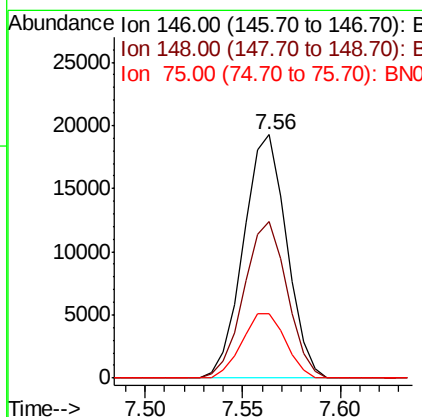
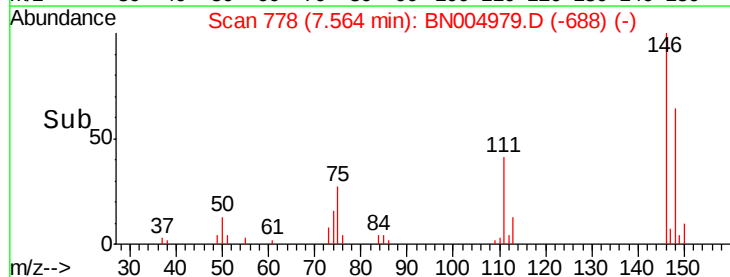
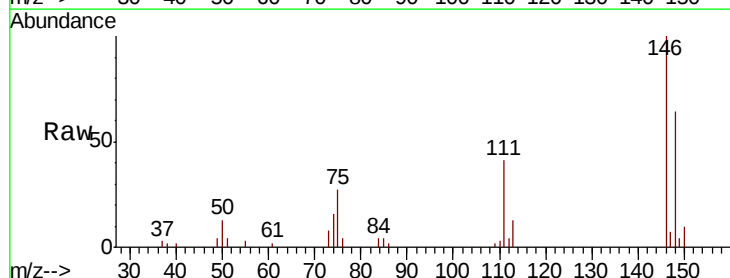
Instrument :
BNA_N
ClientSampleId :
ICVBN032619

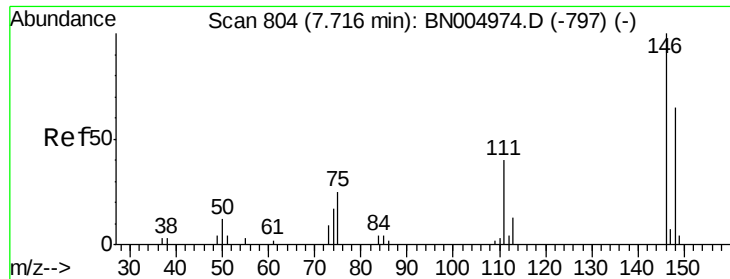
Tot Ion: 93 Resp: 23605
Ion Ratio Lower Upper
93 100
63 70.2 47.0 87.0
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.752 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion: 146 Resp: 29502
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 26.6 21.5 32.3

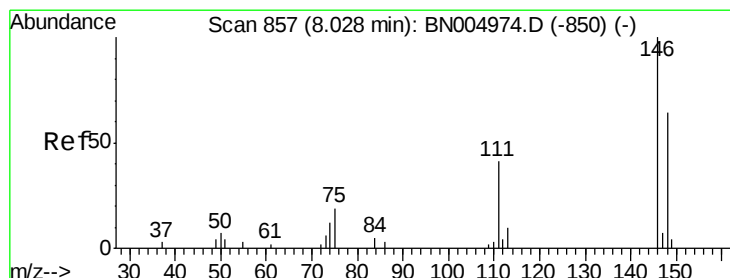
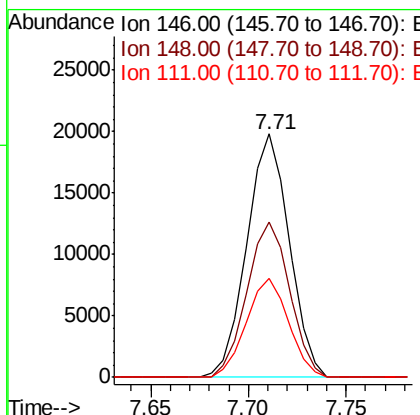
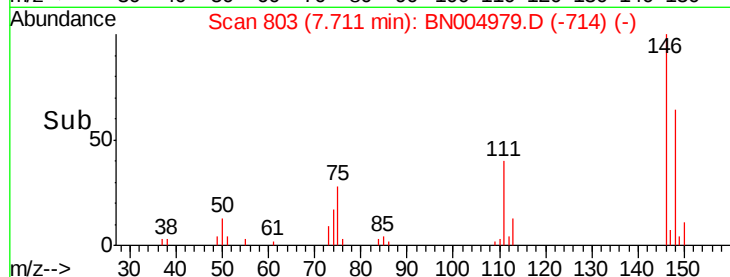
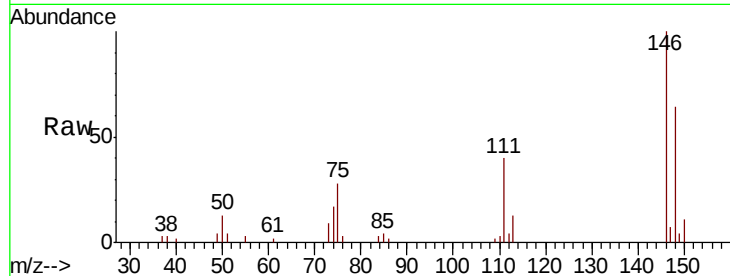




#13
 1,4-Dichlorobenzene
 Concen: 39.320 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

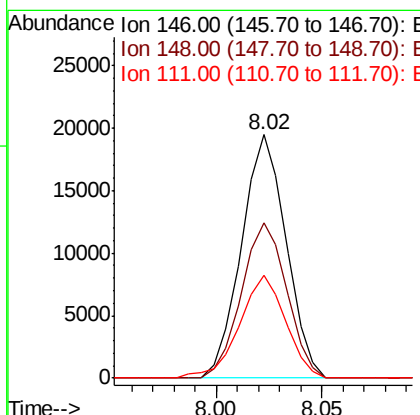
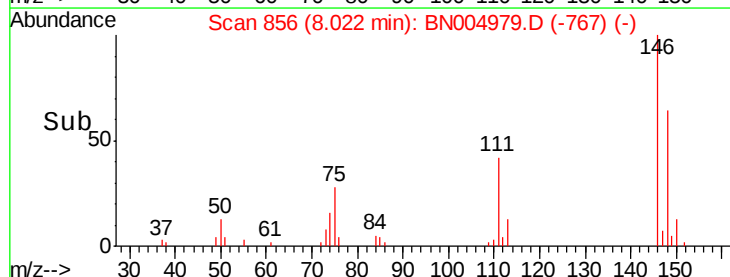
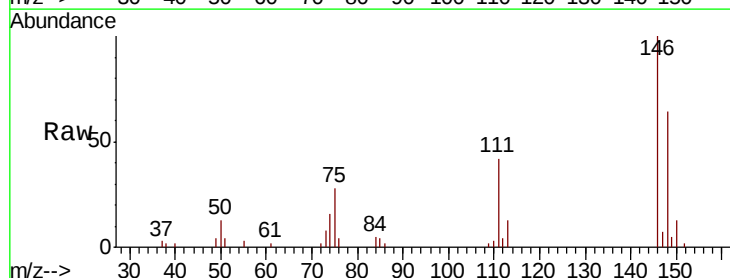
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion:146 Resp: 29824
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 40.5 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 38.961 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:146 Resp: 28583
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 111 42.1 32.6 49.0





#15

Benzyl Alcohol

Concen: 39.928 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

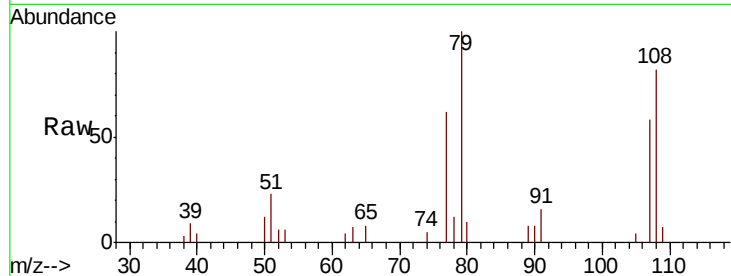
Tot Ion: 79 Resp: 21449

Ion Ratio Lower Upper

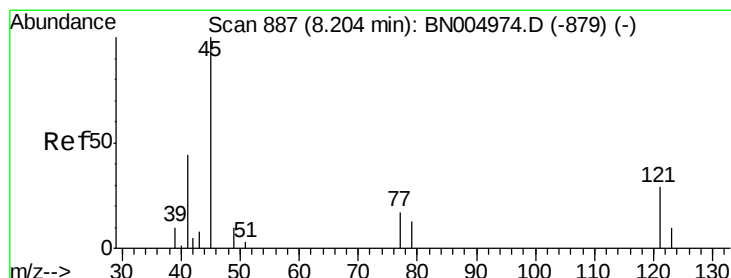
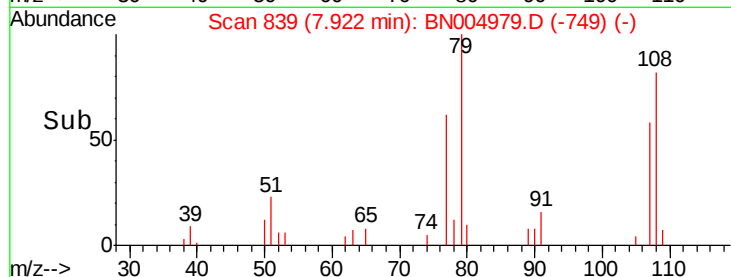
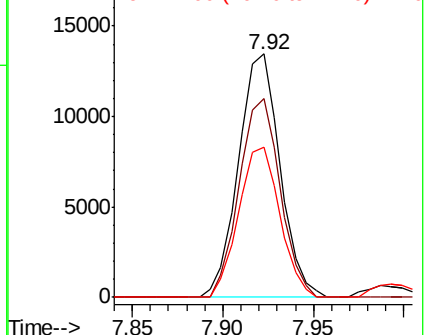
79 100

108 81.9 64.0 96.0

77 61.8 48.8 73.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.325 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

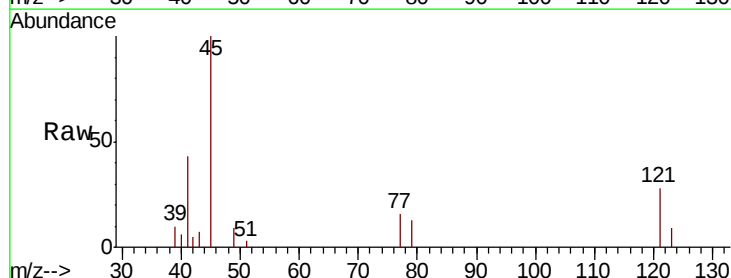
Tgt Ion: 45 Resp: 28721

Ion Ratio Lower Upper

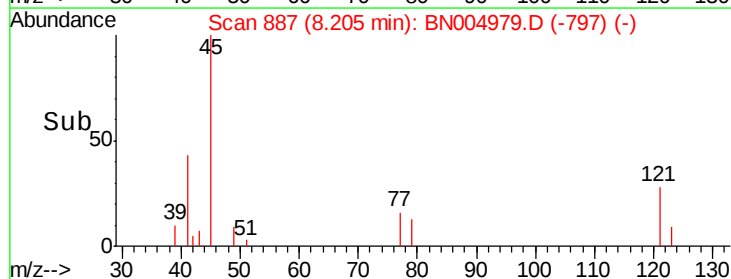
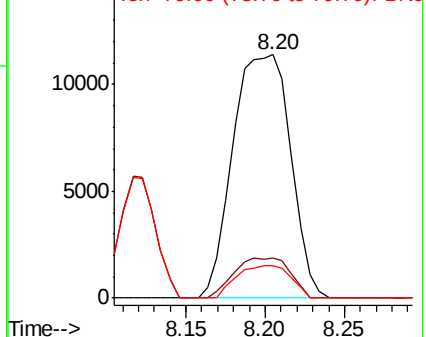
45 100

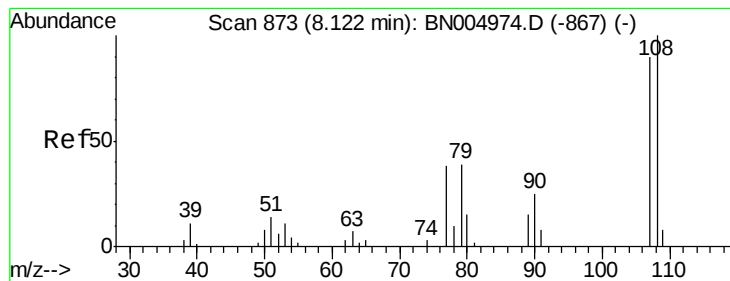
77 16.3 0.0 36.9

79 13.2 0.0 33.3



Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC





#17

2-Methylphenol

Concen: 39.751 ng

RT: 8.12 min Scan# 873

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

Tot Ion:107 Resp: 21330

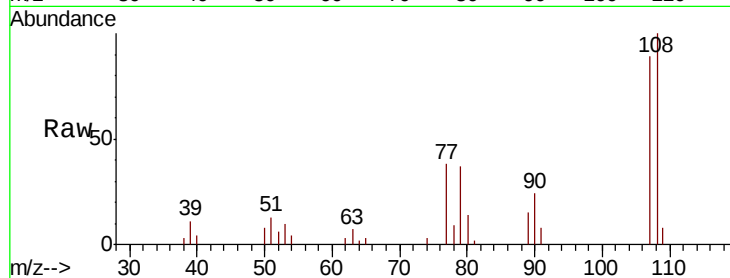
Ion Ratio Lower Upper

107 100

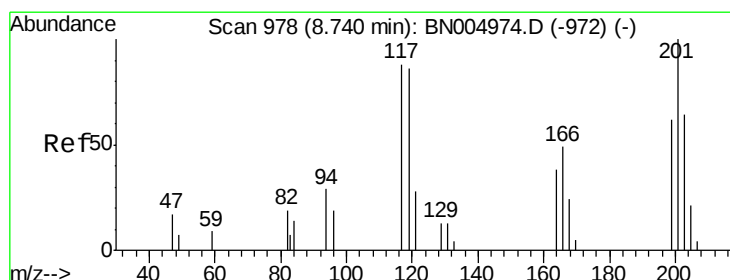
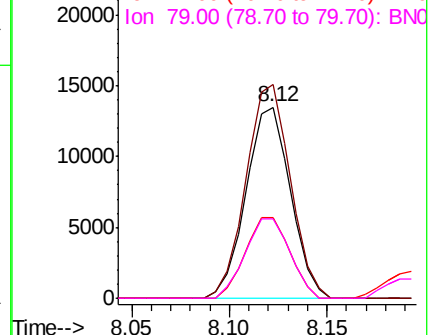
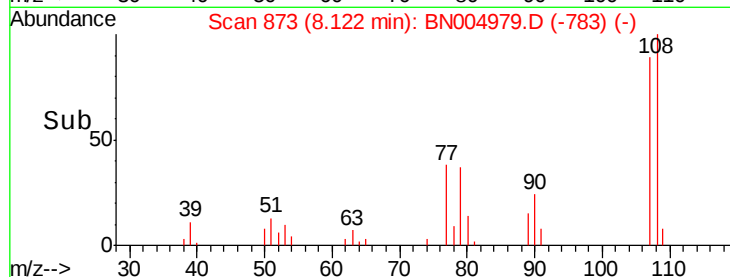
108 111.8 88.8 133.2

77 42.1 34.2 51.2

79 41.7 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: 42.927 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

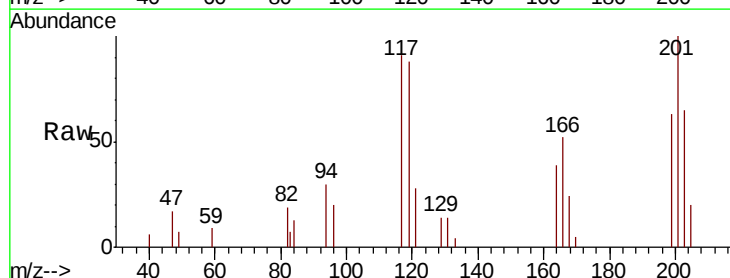
Tgt Ion:117 Resp: 10597

Ion Ratio Lower Upper

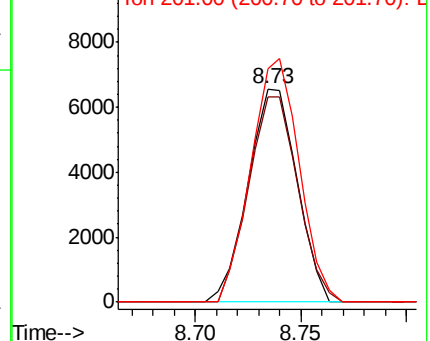
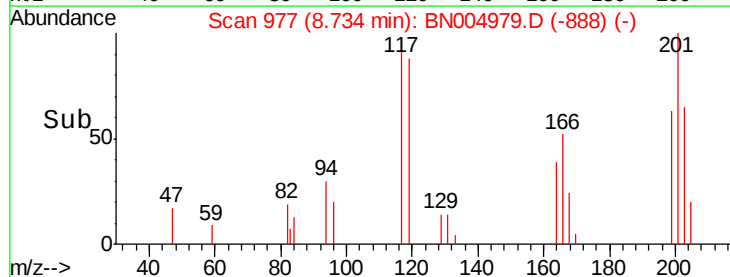
117 100

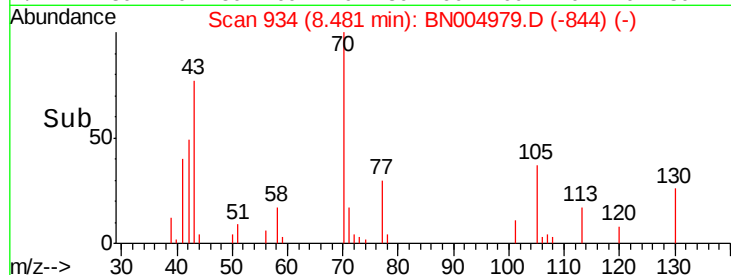
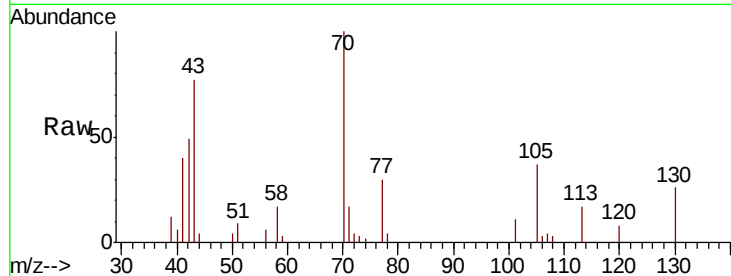
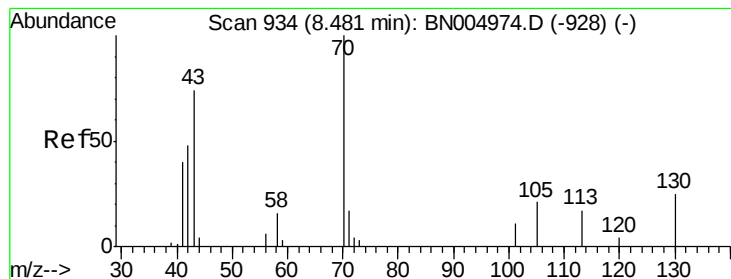
119 96.4 77.5 116.3

201 109.5 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: 38.749 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

Tot Ion: 70 Resp: 18803

Ion Ratio Lower Upper

70 100

42 48.8 38.4 57.6

101 10.8 8.8 13.2

130 26.3 19.8 29.8

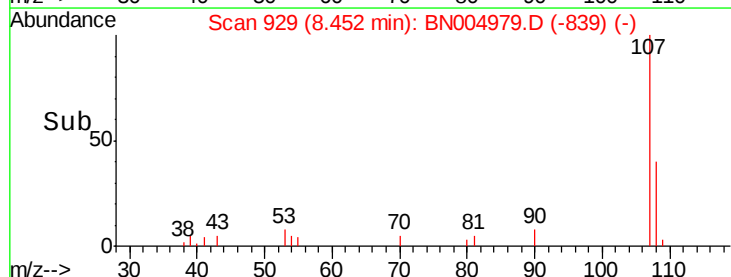
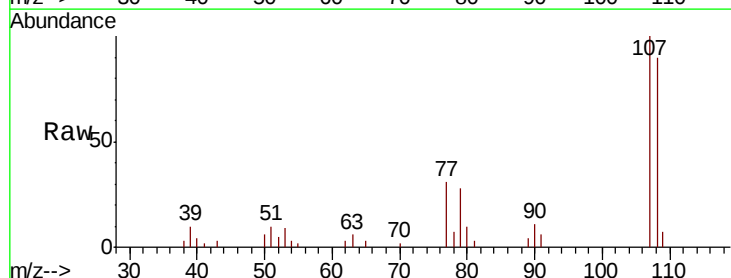
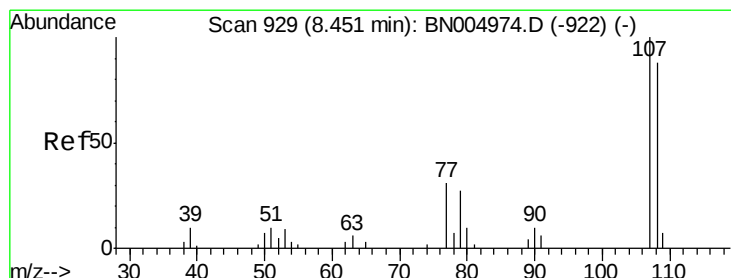
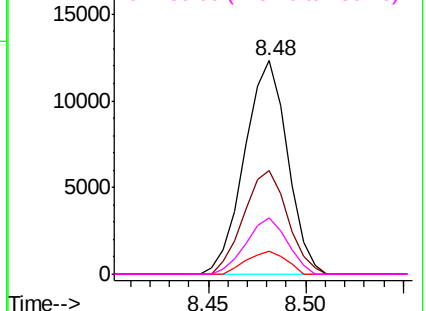
Abundance

Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BN004974.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-928) (-)



#20

3+4-Methylphenols

Concen: 38.567 ng

RT: 8.45 min Scan# 929

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Tgt Ion:107 Resp: 28819

Ion Ratio Lower Upper

107 100

108 89.8 67.9 107.9

77 31.0 10.6 50.6

79 28.2 6.8 46.8

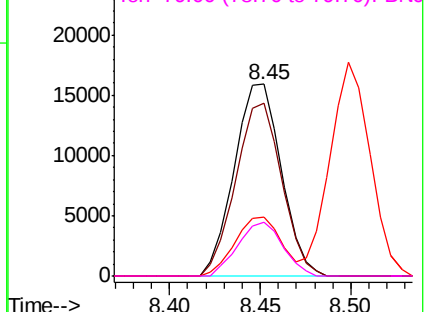
Abundance

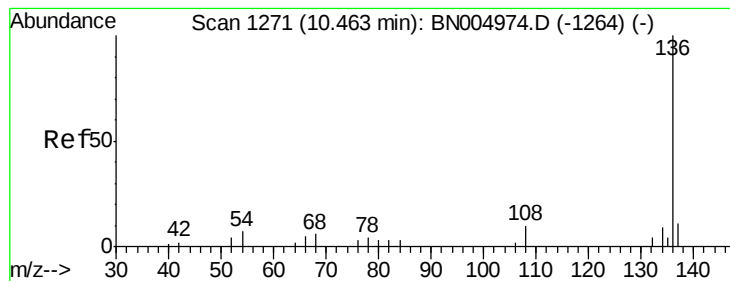
Ion 107.00 (106.70 to 107.70): BN004974.D (-922) (-)

Ion 108.00 (107.70 to 108.70): BN004974.D (-922) (-)

Ion 77.00 (76.70 to 77.70): BN004974.D (-922) (-)

Ion 79.00 (78.70 to 79.70): BN004974.D (-922) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

Tot Ion:136 Resp: 40853

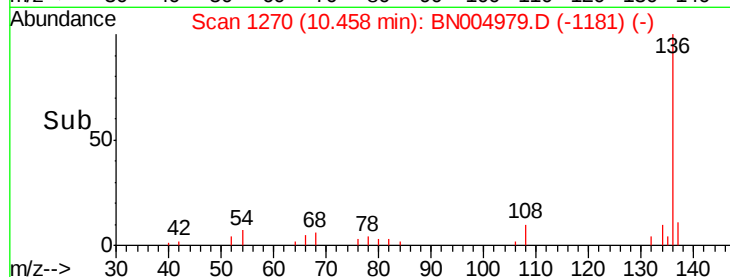
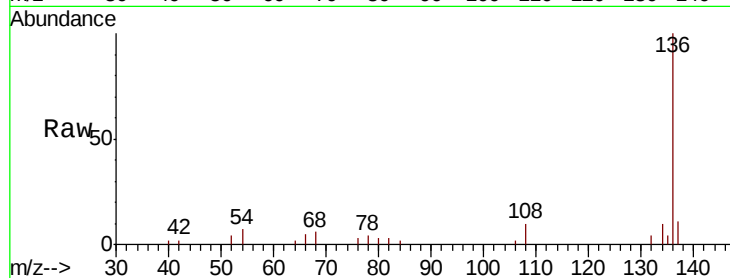
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 5.3 7.9

68 5.8 4.6 6.8

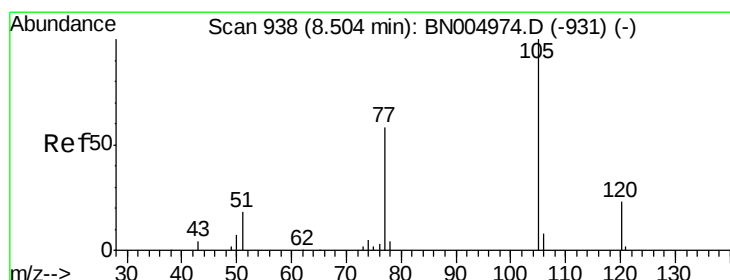
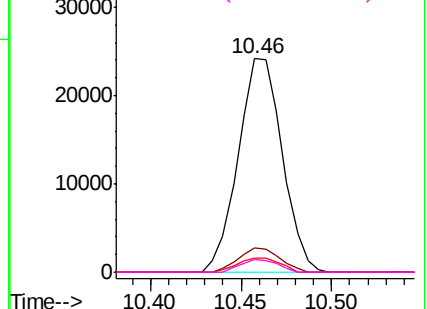


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.345 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Tgt Ion:105 Resp: 37579

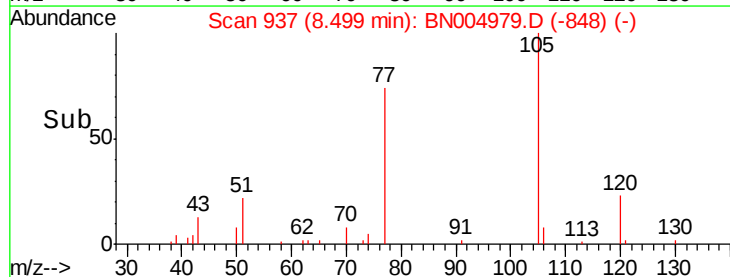
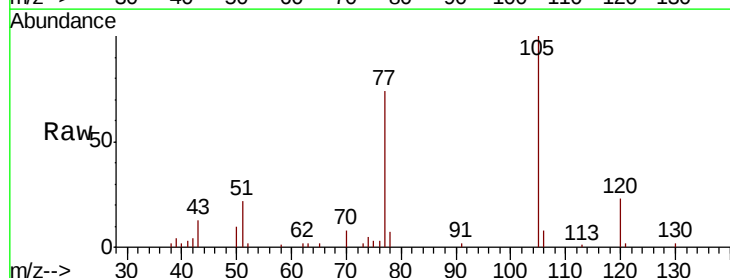
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 22.3 17.8 26.8

120 23.0 18.6 27.8

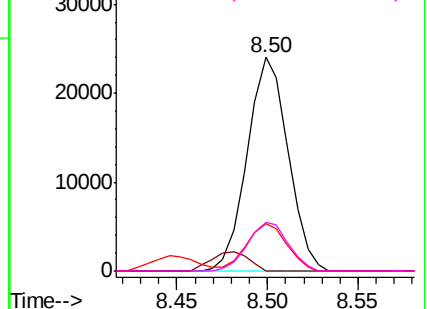


Abundance Ion 105.00 (104.70 to 105.70): E

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

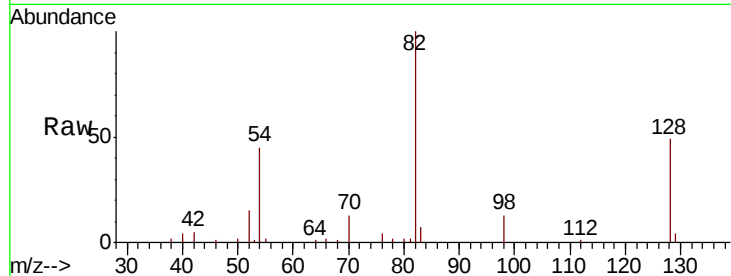




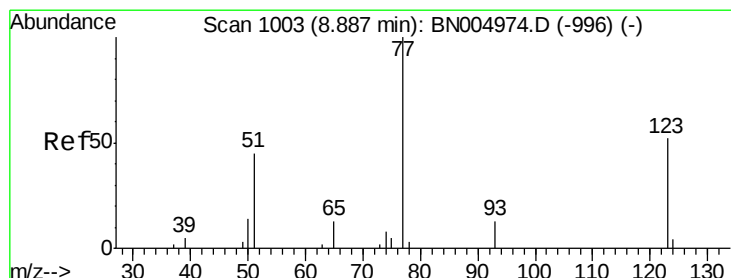
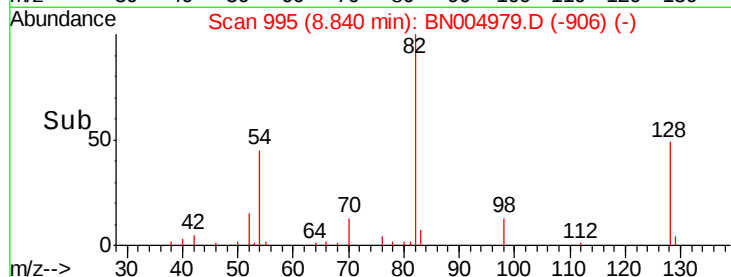
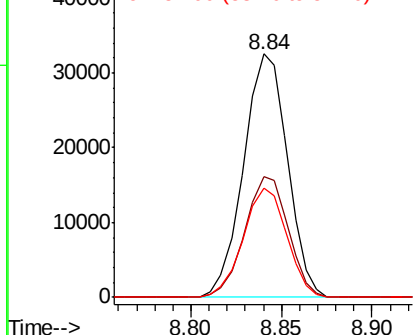
#23
Nitrobenzene-d5
Concen: 84.155 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion	82	Resp	54617
Ion Ratio	Lower	Upper	
82	100		
128	49.4	40.6	60.8
54	44.7	35.2	52.8

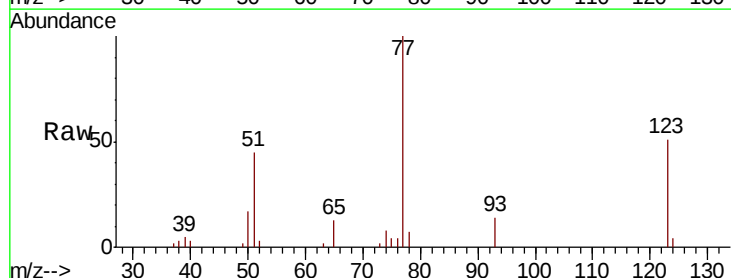


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

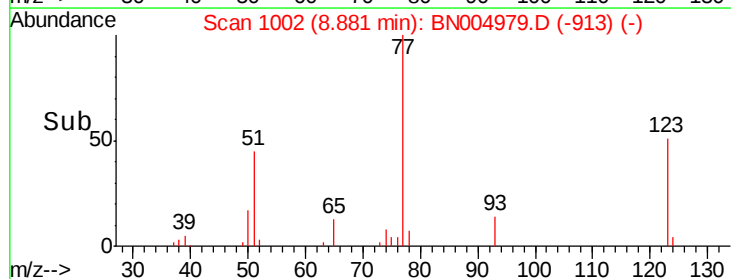
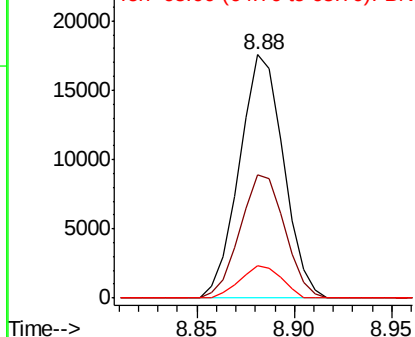


#24
Nitrobenzene
Concen: 41.316 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion	77	Resp	27517
Ion Ratio	Lower	Upper	
77	100		
123	50.8	41.3	61.9
65	13.3	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: 46.797 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

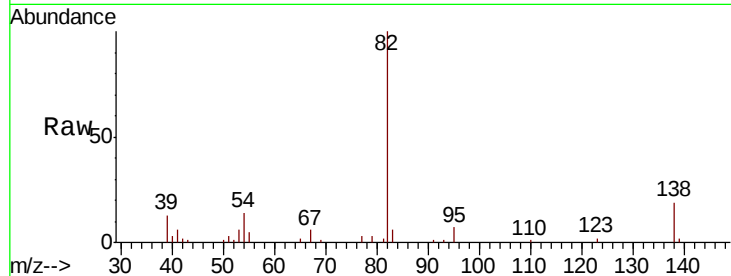
Tot Ion: 82 Resp: 52596

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

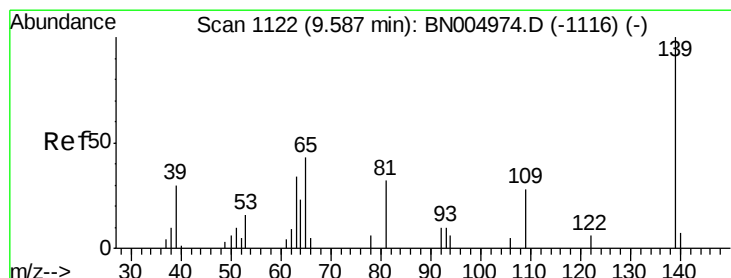
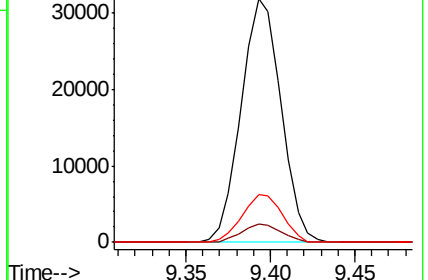
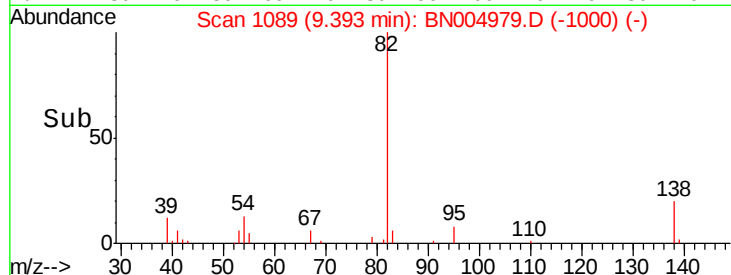
138 19.5 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BN004979.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BN004979.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BN004979.D (-1083) (-)



#26

2-Nitrophenol

Concen: 41.927 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

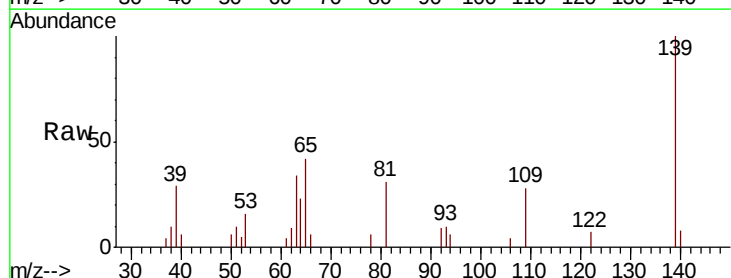
Tgt Ion: 139 Resp: 15876

Ion Ratio Lower Upper

139 100

109 28.0 22.5 33.7

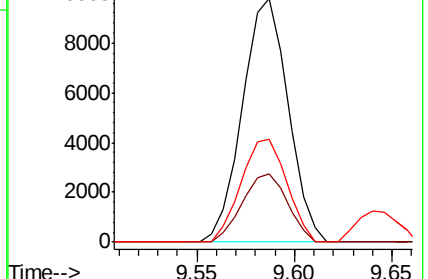
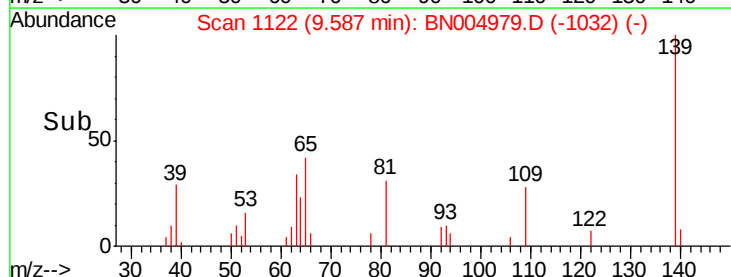
65 42.2 34.2 51.4

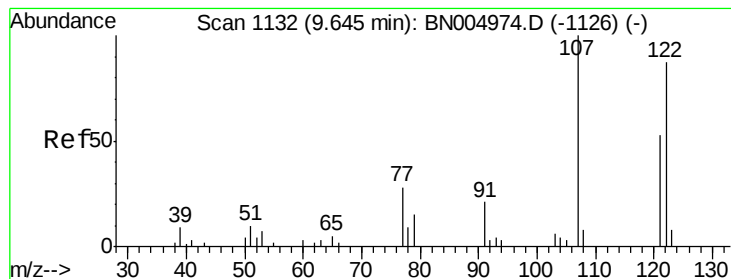


Abundance Ion 139.00 (138.70 to 139.70): BN004979.D (-1032) (-)

Ion 109.00 (108.70 to 109.70): BN004979.D (-1032) (-)

Ion 65.00 (64.70 to 65.70): BN004979.D (-1032) (-)





#27

2,4-Dimethylphenol

Concen: 40.704 ng

RT: 9.65 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

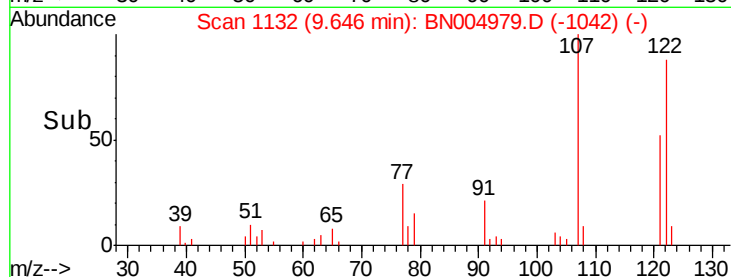
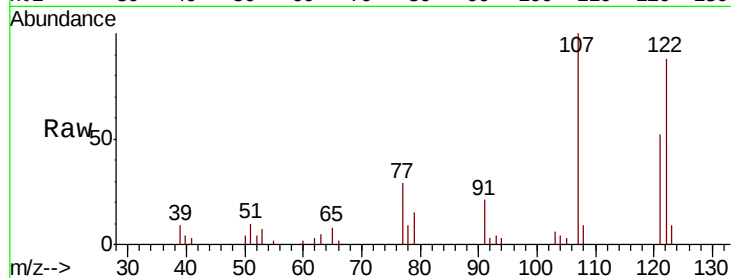
Tot Ion:122 Resp: 22030

Ion Ratio Lower Upper

122 100

107 113.6 91.6 137.4

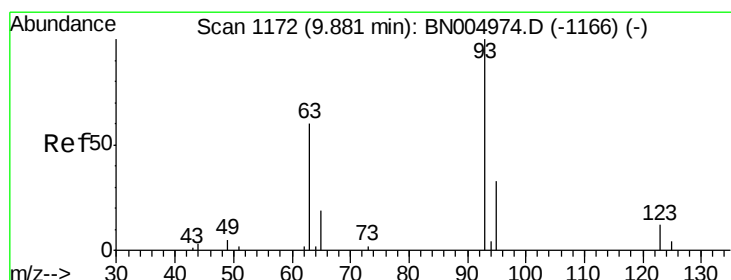
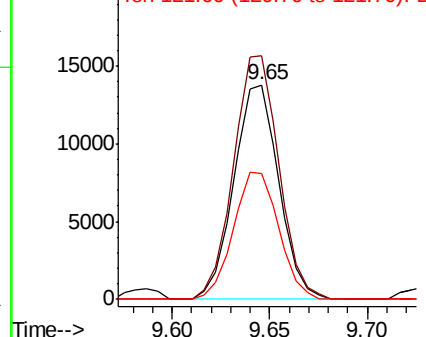
121 58.9 48.2 72.2



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: 41.758 ng

RT: 9.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

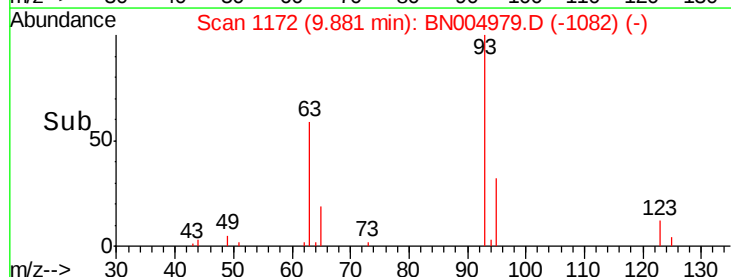
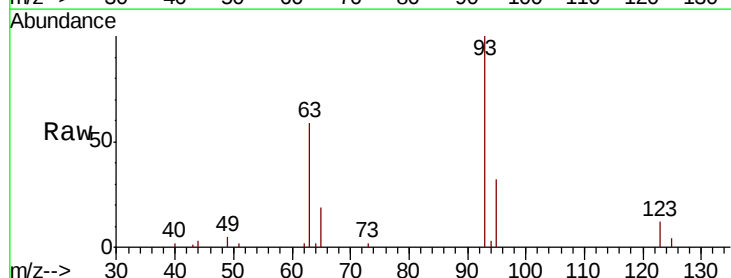
Tgt Ion: 93 Resp: 32676

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

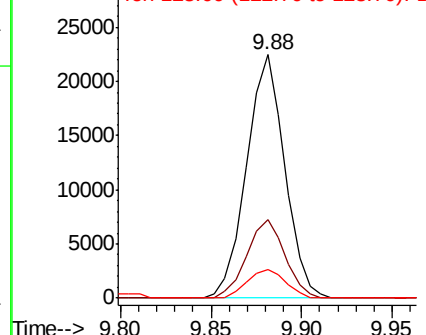
123 11.9 9.8 14.8

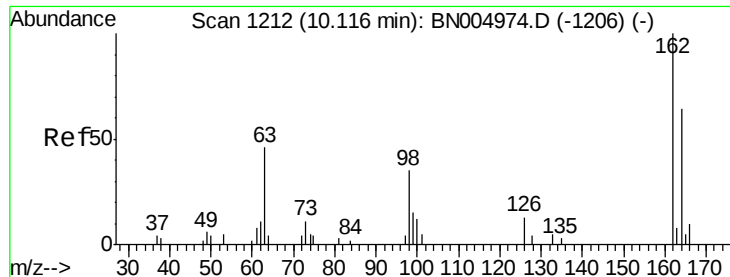


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

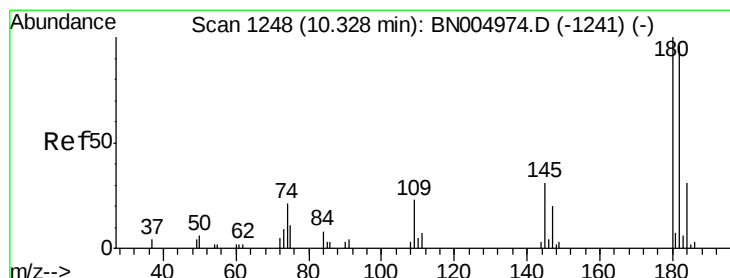
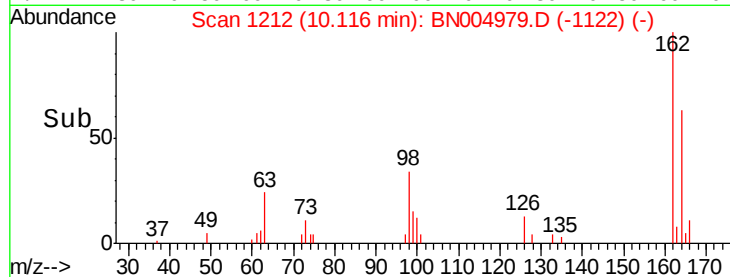
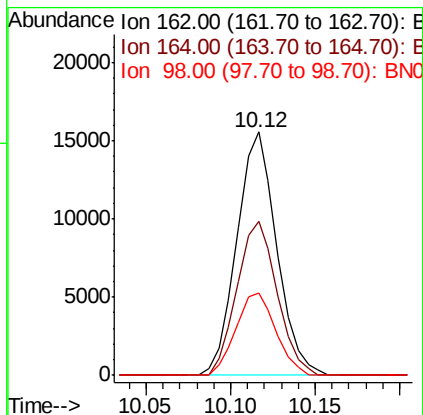
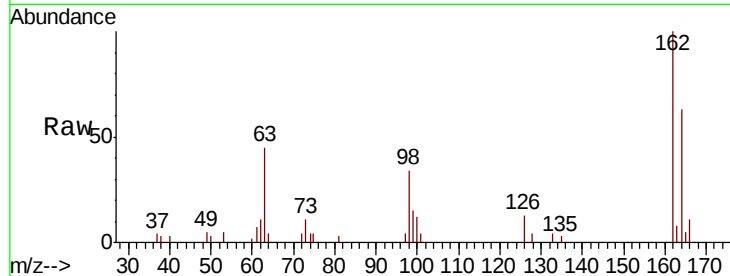




#29
 2,4-Dichlorophenol
 Concen: 40.012 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

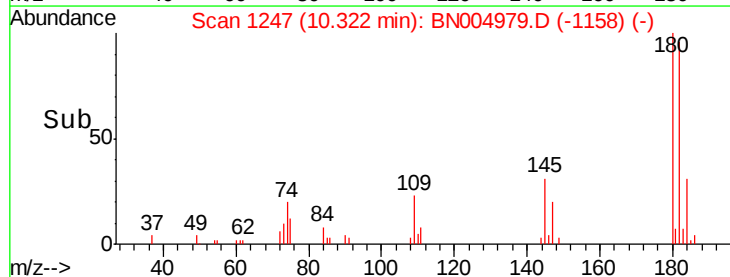
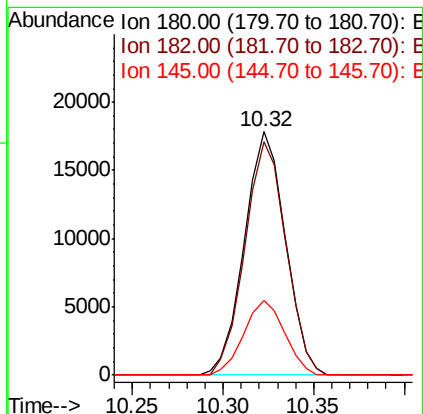
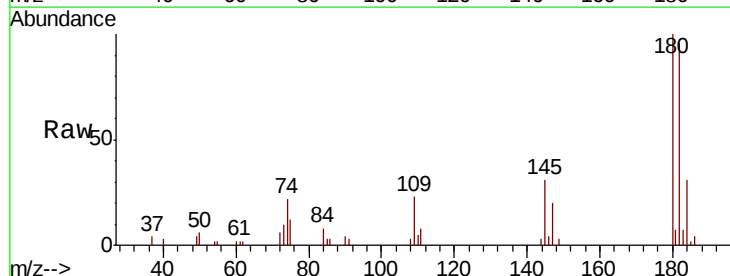
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

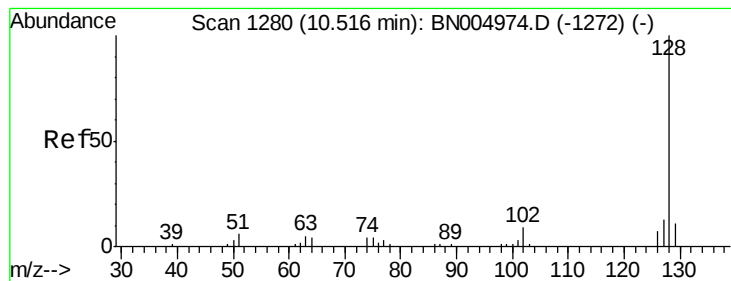
Tot Ion:162 Resp: 25480
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.3 84.3
 98 34.0 15.3 55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.785 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:180 Resp: 28151
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 114.8
 145 30.8 24.6 37.0

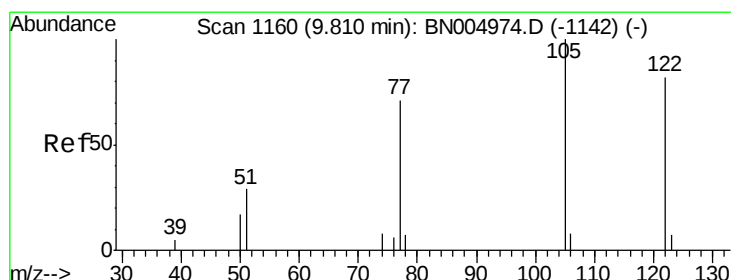
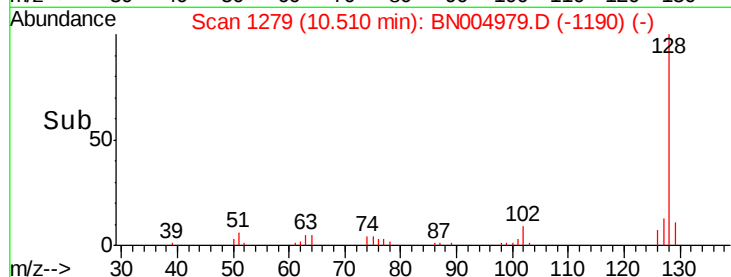
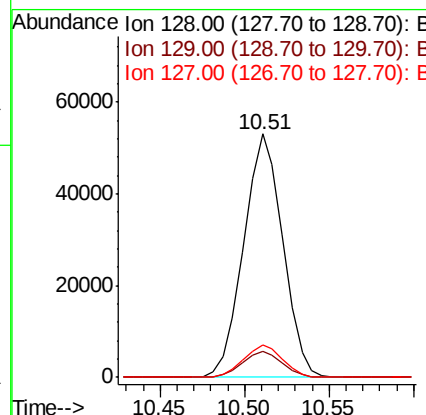
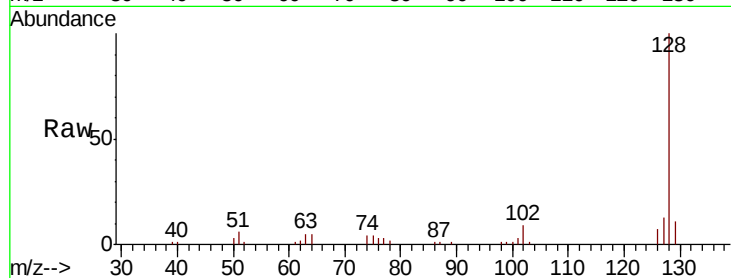




#31
Naphthalene
Concen: 42.945 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

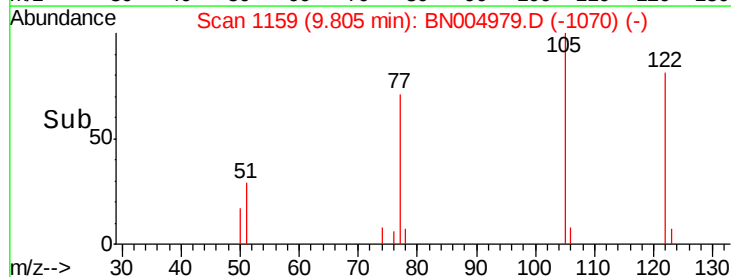
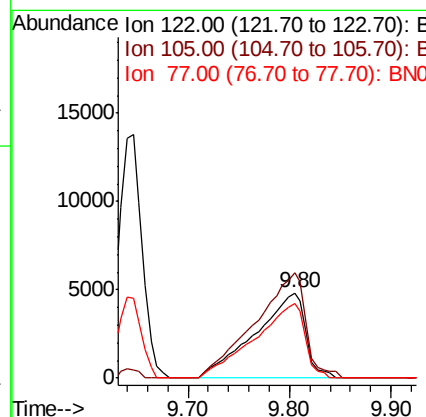
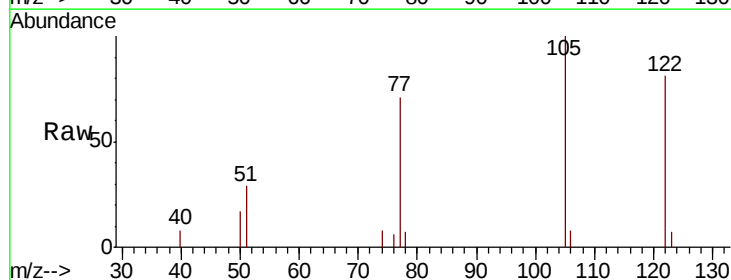
Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion:128 Resp: 85400
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 35.248 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion:122 Resp: 16764
Ion Ratio Lower Upper
122 100
105 123.1 102.4 142.4
77 87.7 67.1 107.1

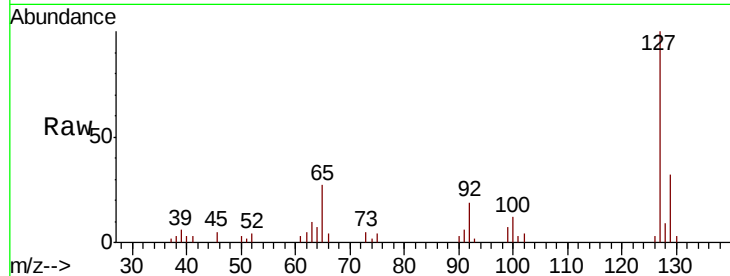




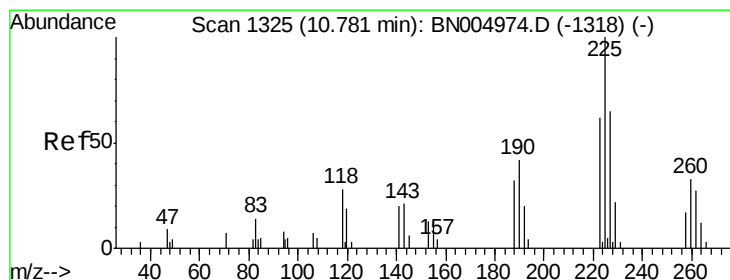
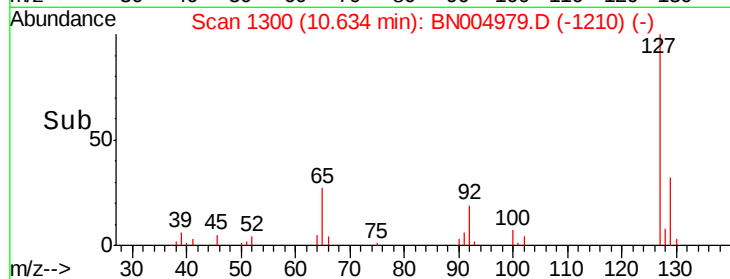
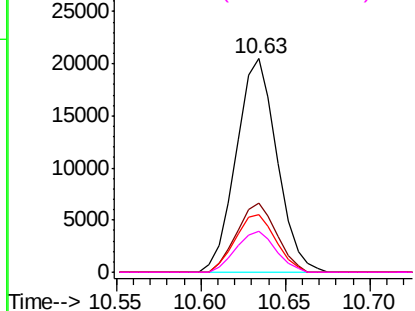
#33
4-Chloroaniline
Concen: 38.820 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion:127 Resp: 34444
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9
65 26.9 21.4 32.0
92 19.1 15.3 22.9

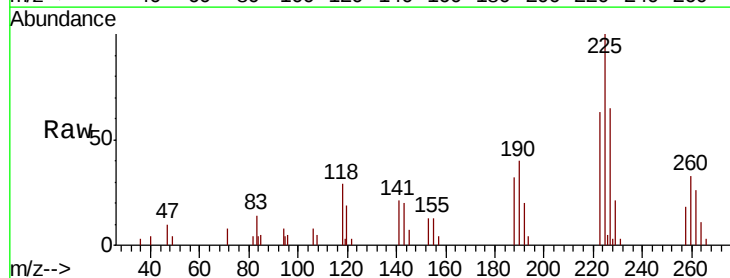


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

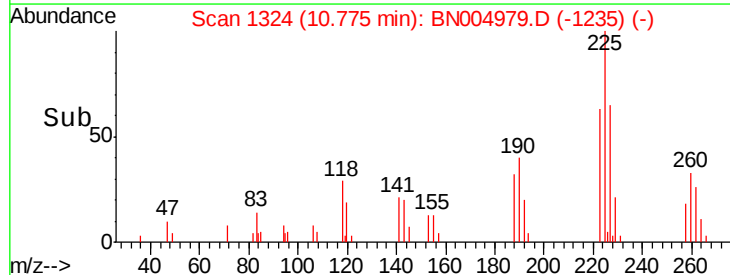
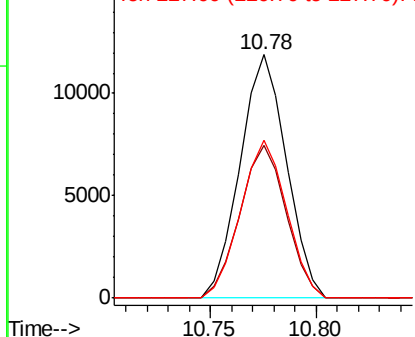


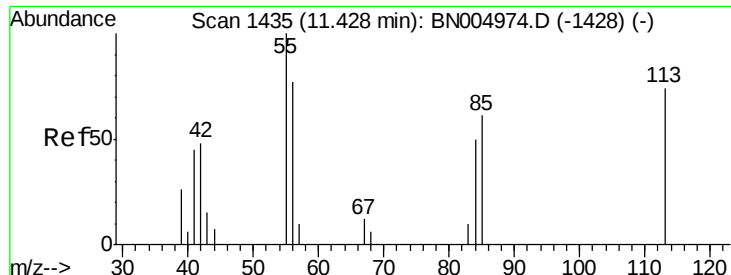
#34
Hexachlorobutadiene
Concen: 41.735 ng
RT: 10.78 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion:225 Resp: 18139
Ion Ratio Lower Upper
225 100
223 62.8 49.7 74.5
227 64.6 52.0 78.0



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





#35

Caprolactam

Concen: 36.396 ng

RT: 11.42 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

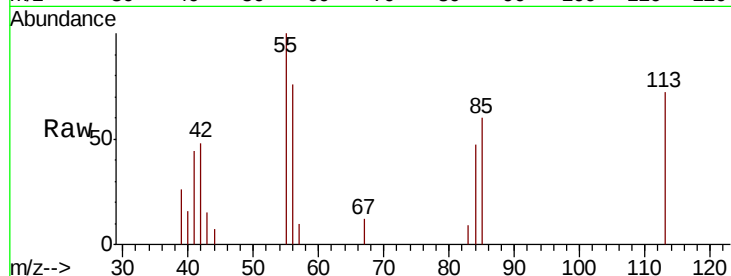
Tot Ion:113 Resp: 8173

Ion Ratio Lower Upper

113 100

55 138.9 115.8 155.8

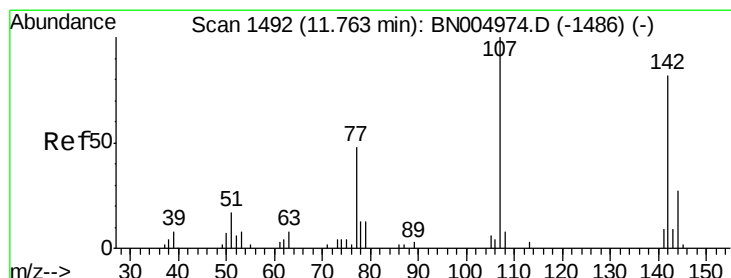
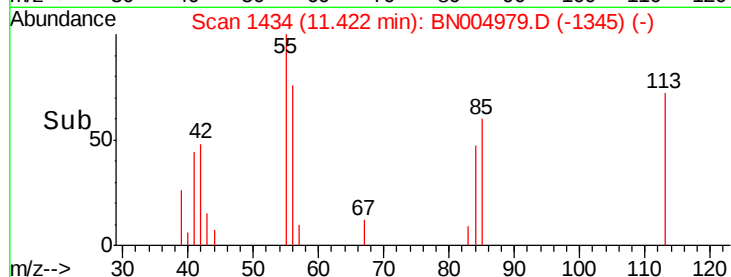
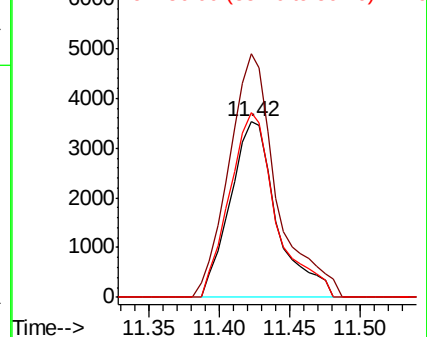
56 105.0 85.1 125.1



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: 40.183 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

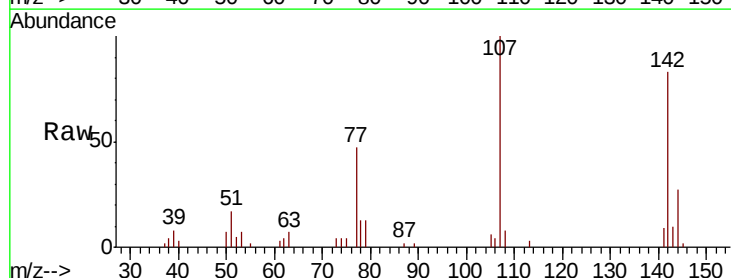
Tgt Ion:107 Resp: 27107

Ion Ratio Lower Upper

107 100

144 27.0 21.3 31.9

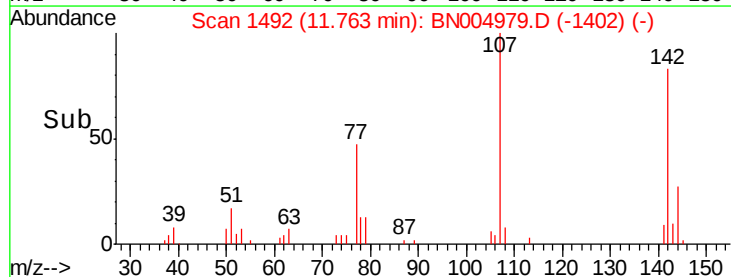
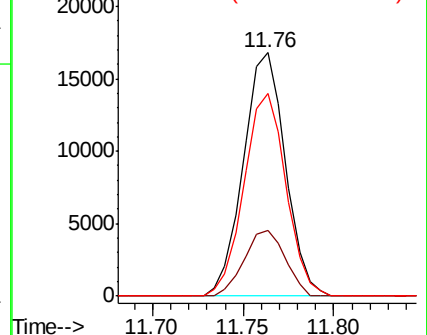
142 83.4 65.8 98.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

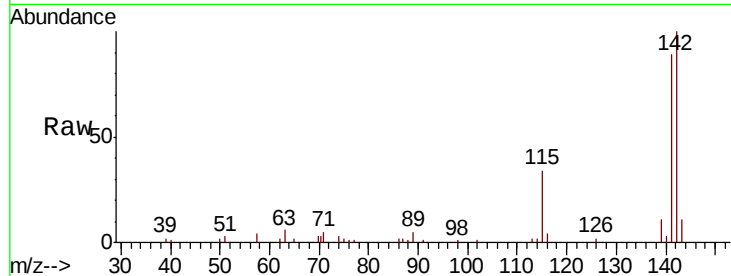




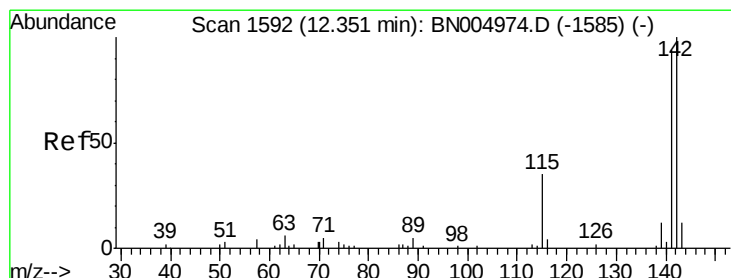
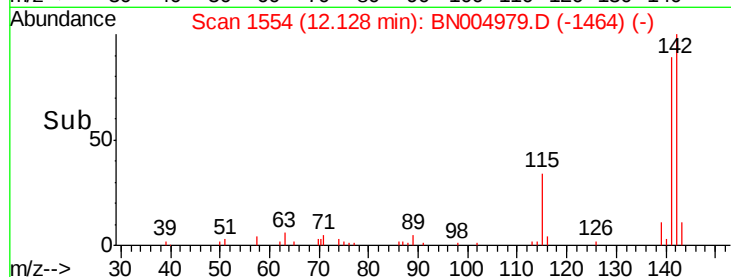
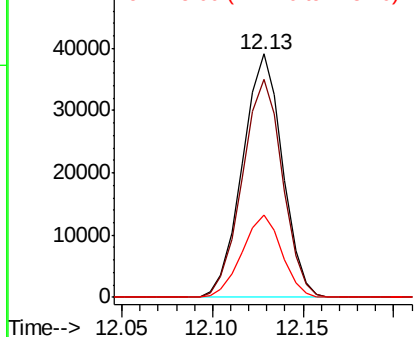
#37
 2-Methylnaphthalene
 Concen: 42.292 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion:142 Resp: 60066
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.8 107.8
 115 33.7 27.0 40.4

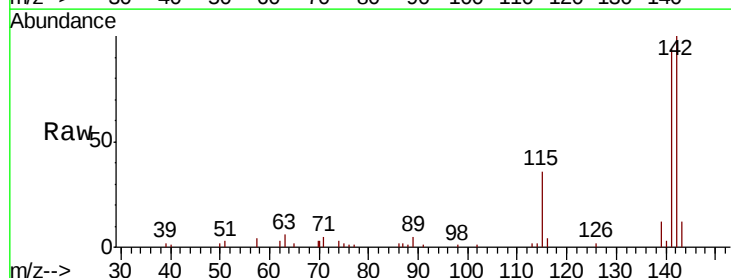


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

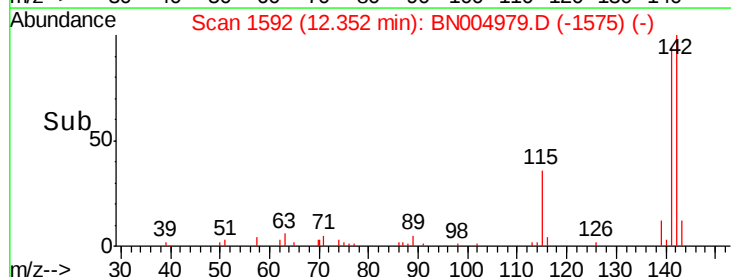
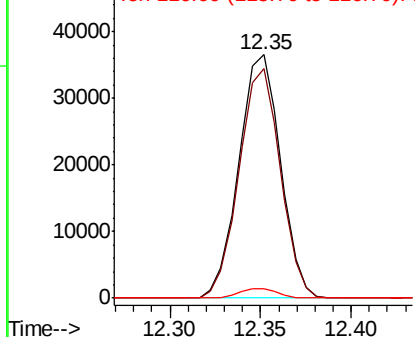


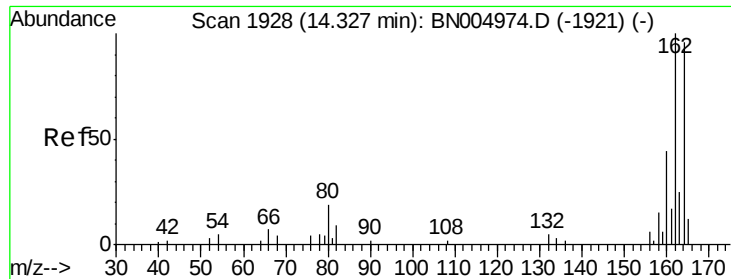
#38
 1-Methylnaphthalene
 Concen: 42.519 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:142 Resp: 58491
 Ion Ratio Lower Upper
 142 100
 141 94.1 74.9 112.3
 116 3.7 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

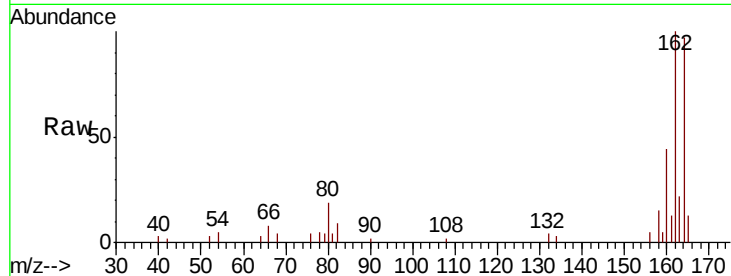
Tot Ion:164 Resp: 22737

Ion Ratio Lower Upper

164 100

162 102.9 83.4 125.0

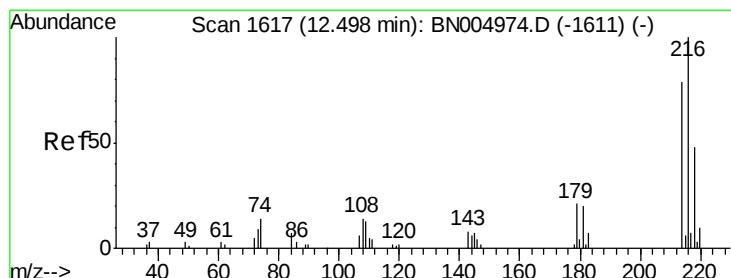
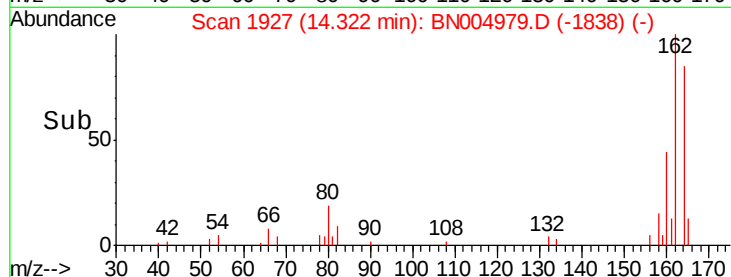
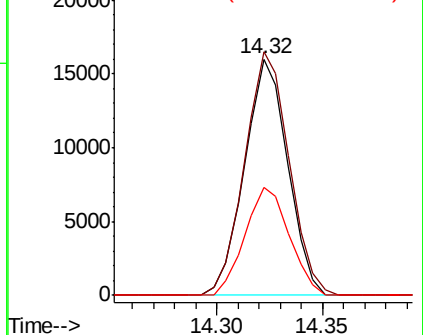
160 45.4 36.6 55.0



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: 40.151 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Tgt Ion:216 Resp: 32816

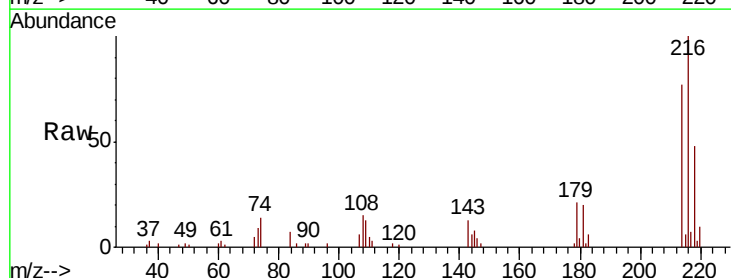
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 20.2 16.4 24.6

108 15.8 12.7 19.1

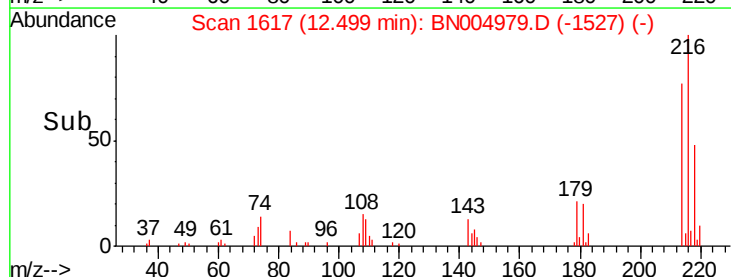
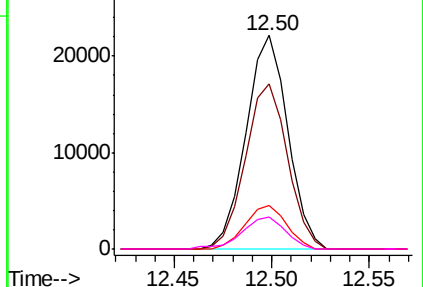


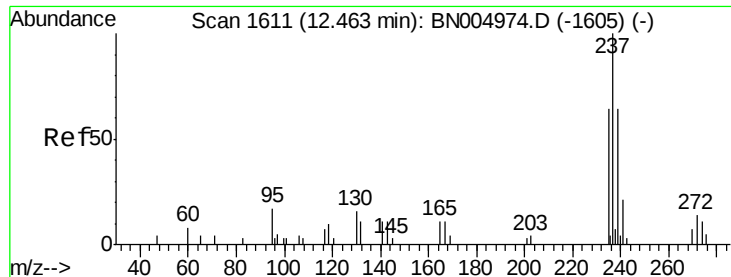
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.745 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

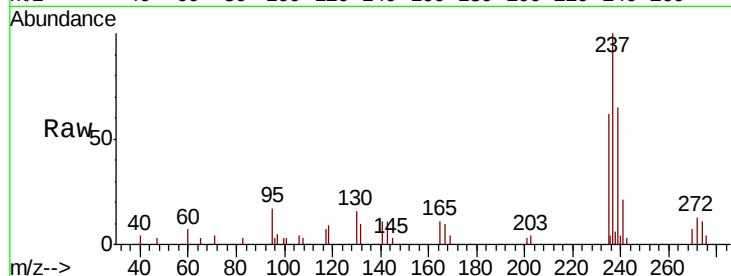
Tot Ion:237 Resp: 17163

Ion Ratio Lower Upper

237 100

235 62.1 43.6 83.6

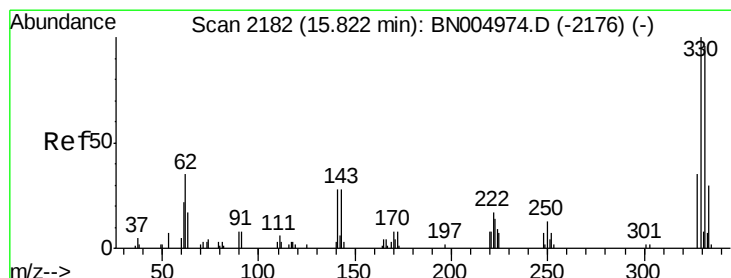
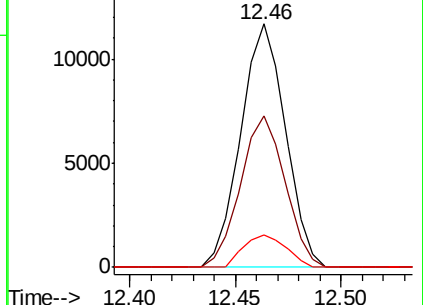
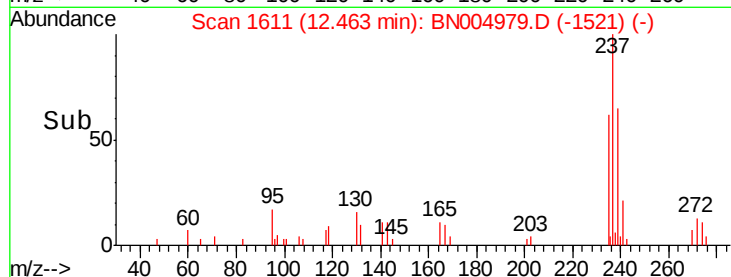
272 13.4 0.0 33.5



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: 84.227 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

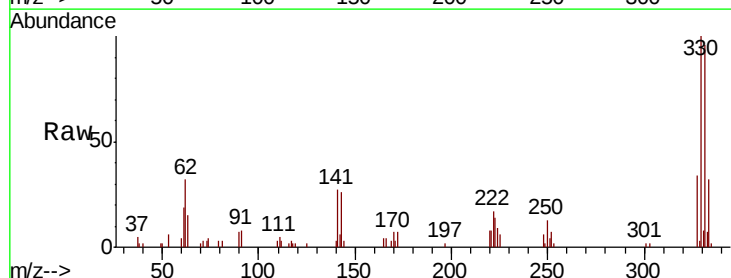
Tgt Ion:330 Resp: 28549

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

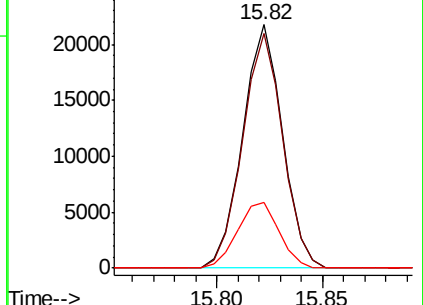
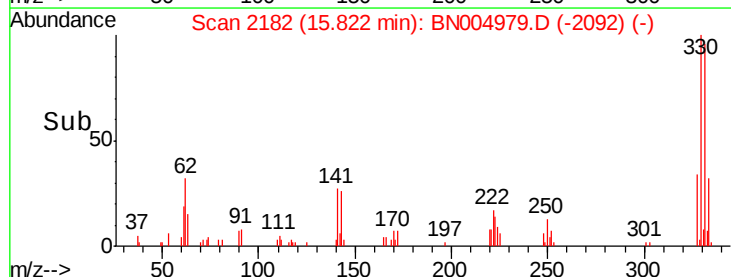
141 28.3 22.1 33.1



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

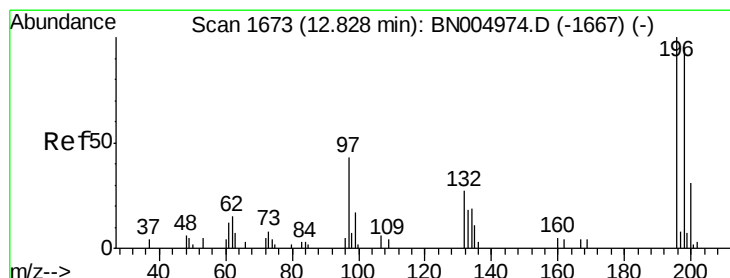
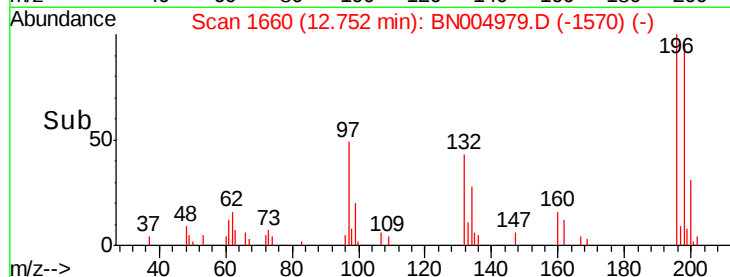
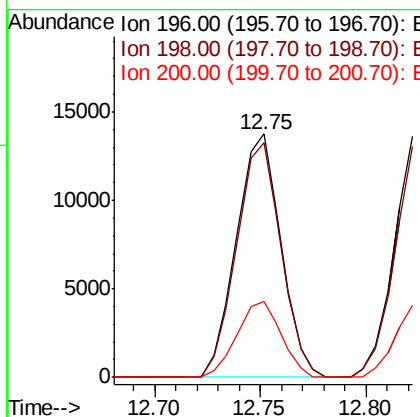
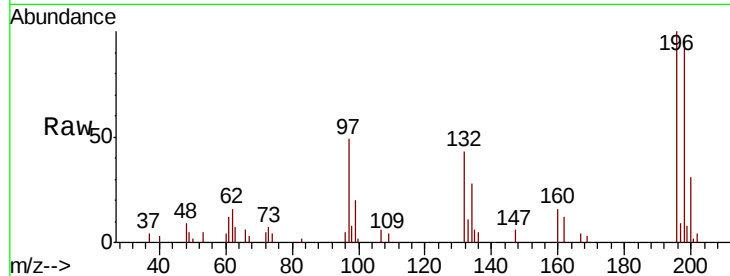




#43
 2,4,6-Trichlorophenol
 Concen: 39.628 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

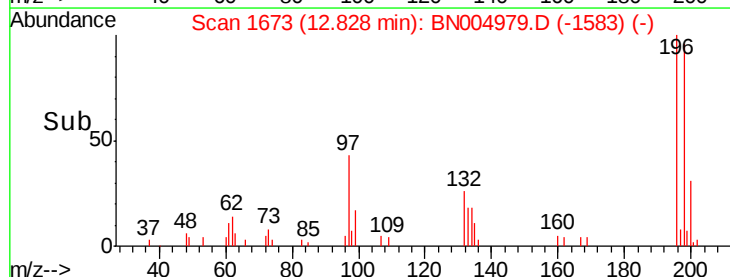
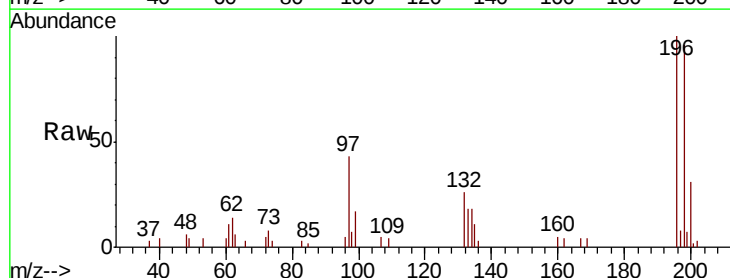
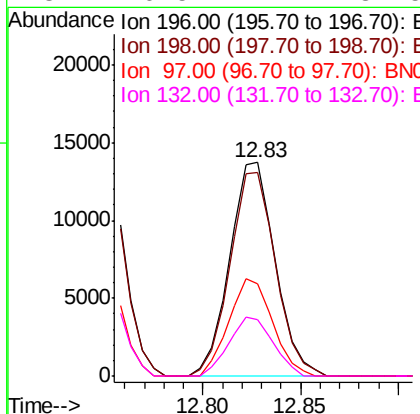
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion:196 Resp: 20111
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.5 114.7
 200 31.3 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.922 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:196 Resp: 22153
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.1 114.1
 97 42.9 34.8 52.2
 132 26.5 21.7 32.5

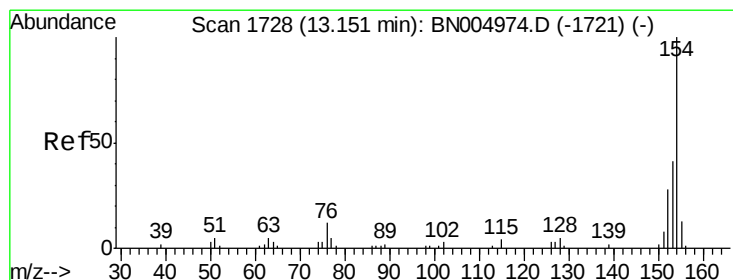
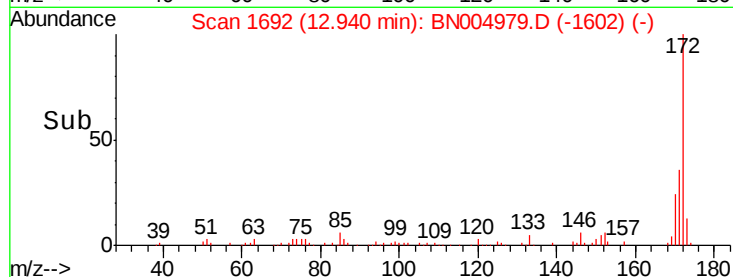
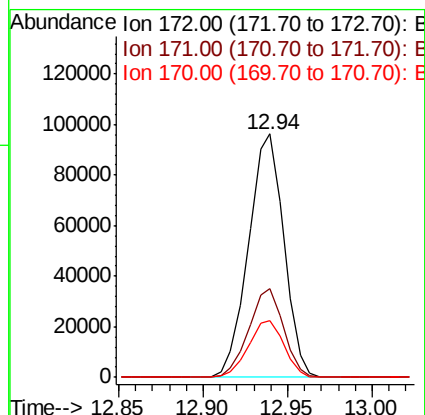
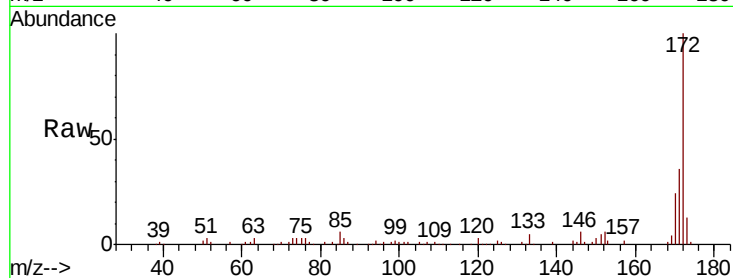




#45
 2-Fluorobiphenyl
 Concen: 82.510 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

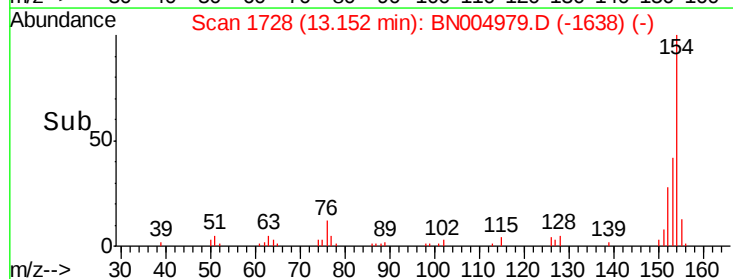
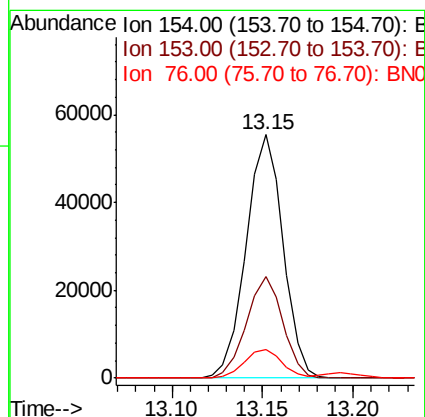
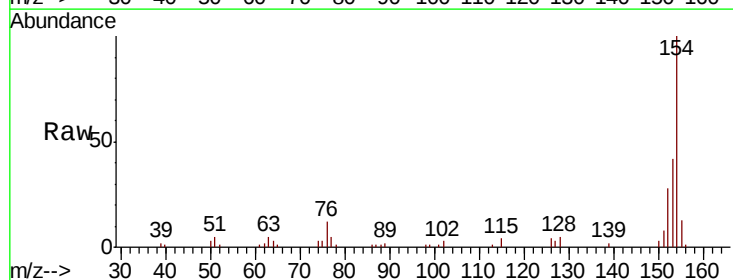
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

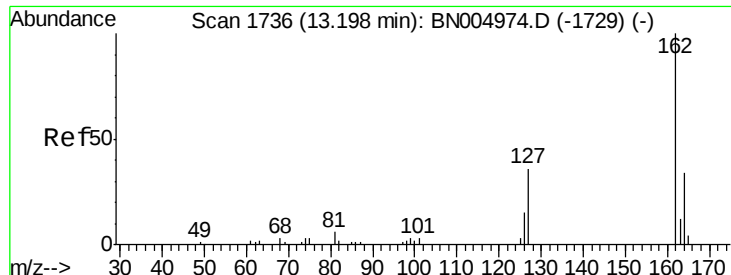
Tot Ion:172 Resp: 140552
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 23.5 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 38.916 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:154 Resp: 78369
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.2 61.2
 76 11.8 0.0 32.2

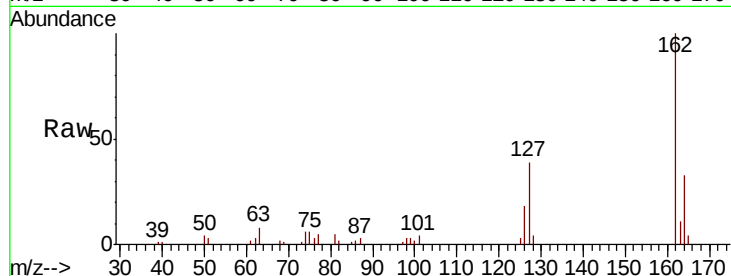




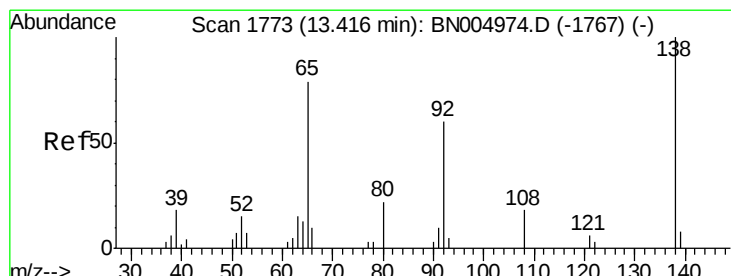
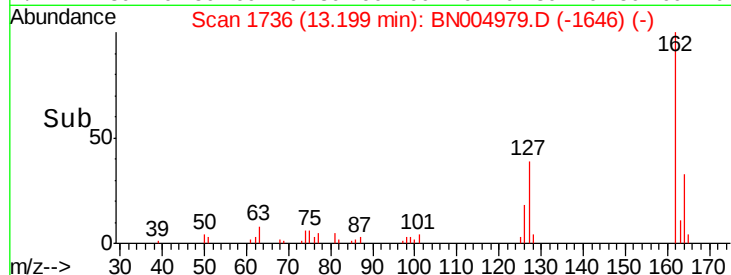
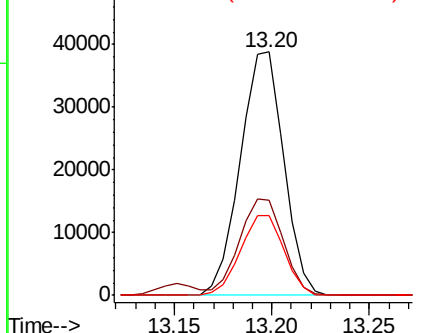
#47
 2-Chloronaphthalene
 Concen: 39.562 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion:162 Resp: 59942
 Ion Ratio Lower Upper
 162 100
 127 39.2 32.4 48.6
 164 32.8 26.8 40.2

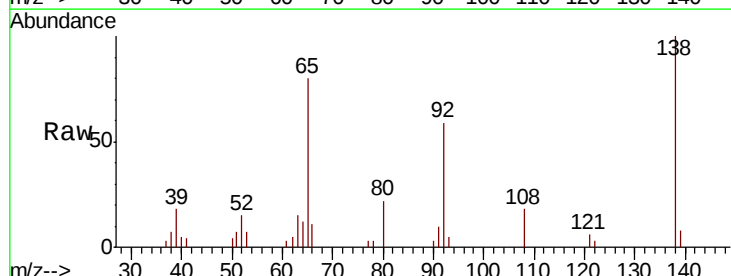


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

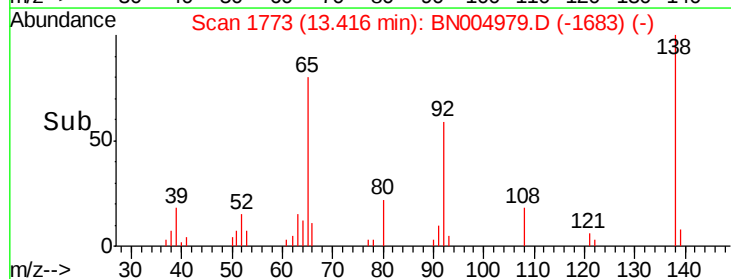
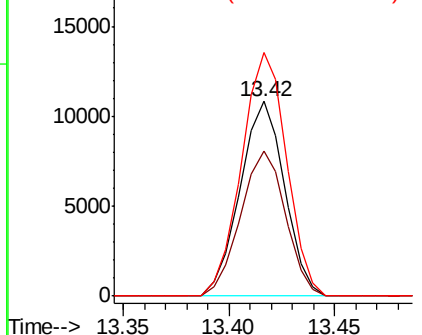


#48
 2-Nitroaniline
 Concen: 41.945 ng
 RT: 13.42 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion: 65 Resp: 15835
 Ion Ratio Lower Upper
 65 100
 92 74.2 60.2 90.4
 138 125.0 101.1 151.7



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: 44.795 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

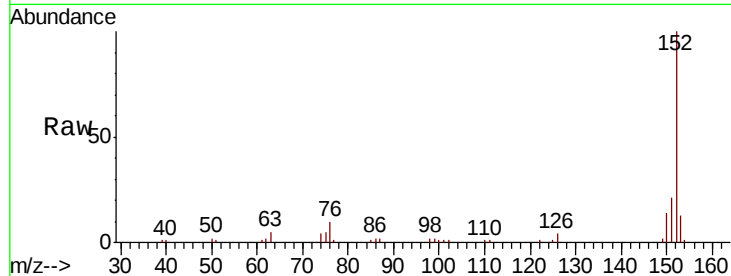
Tot Ion:152 Resp: 100127

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

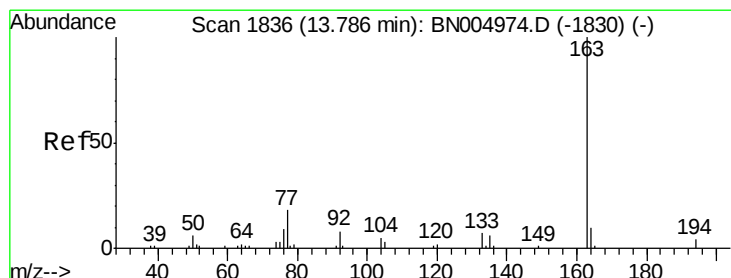
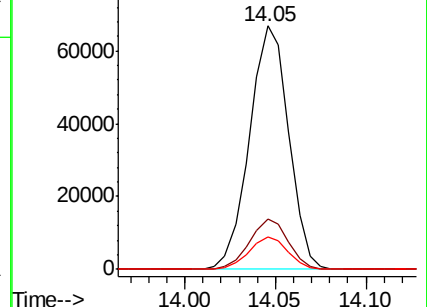
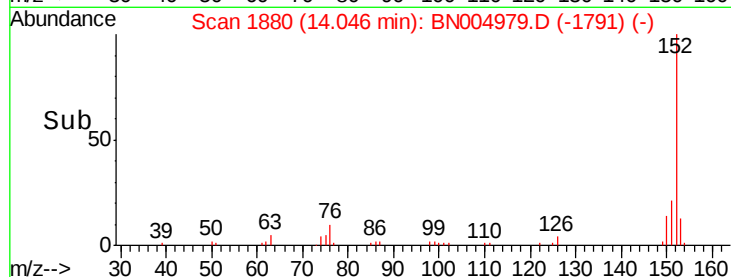
153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.556 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

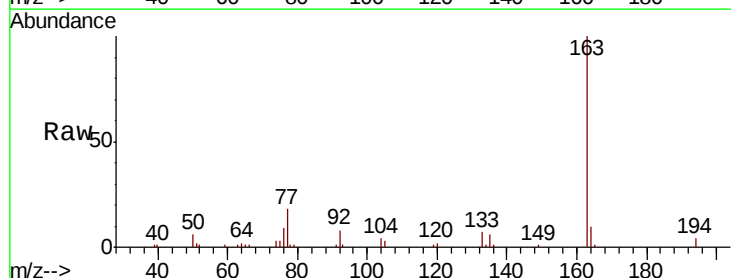
Tgt Ion:163 Resp: 74020

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

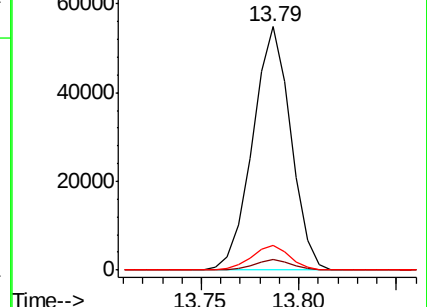
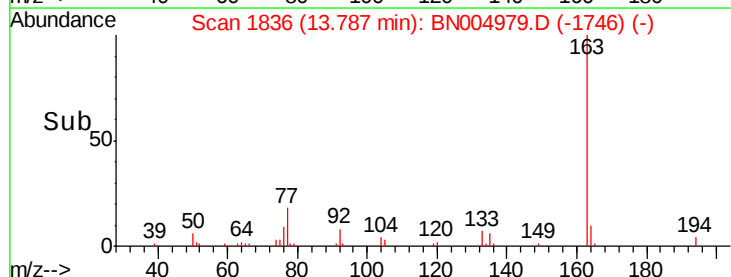
164 10.1 8.3 12.5

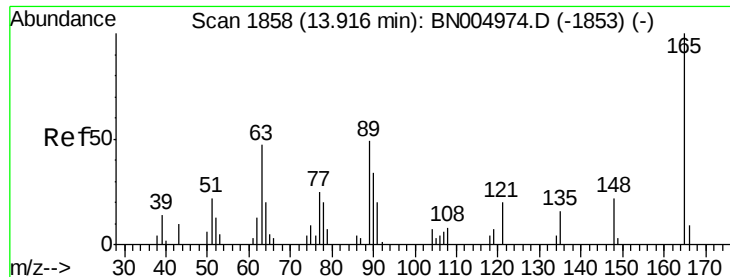


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

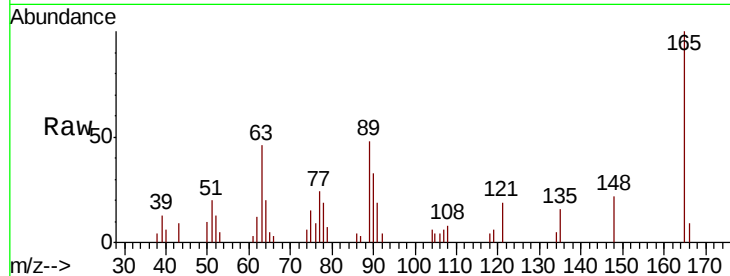




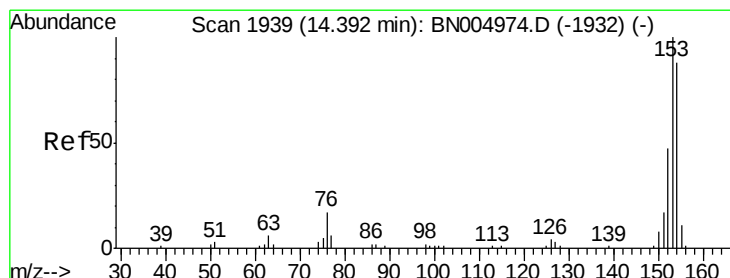
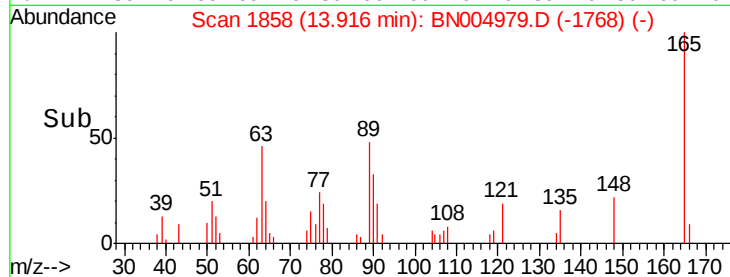
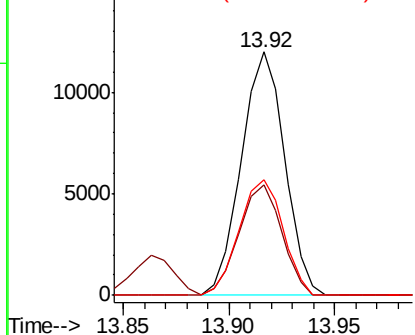
#51
2,6-Dinitrotoluene
Concen: 41.155 ng
RT: 13.92 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion:165 Resp: 17111
Ion Ratio Lower Upper
165 100
63 45.6 37.3 55.9
89 47.7 39.2 58.8

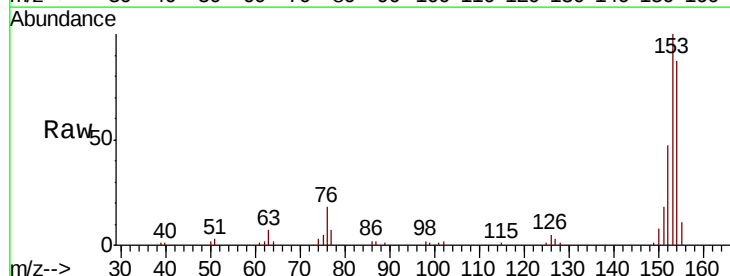


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 89.00 (88.70 to 89.70): BNO

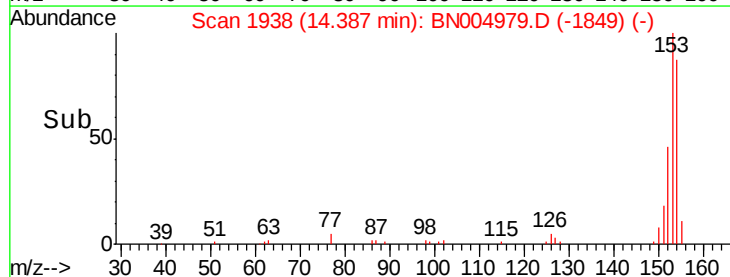
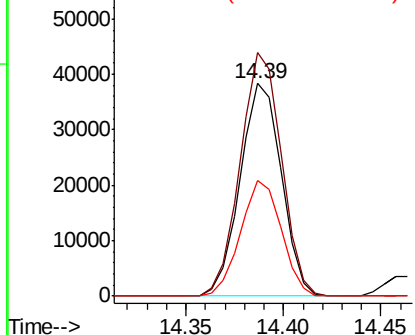


#52
Acenaphthene
Concen: 41.476 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion:154 Resp: 56226
Ion Ratio Lower Upper
154 100
153 114.5 91.0 136.4
152 54.2 43.0 64.4



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

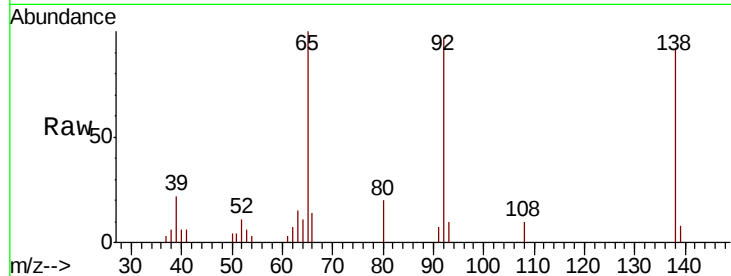




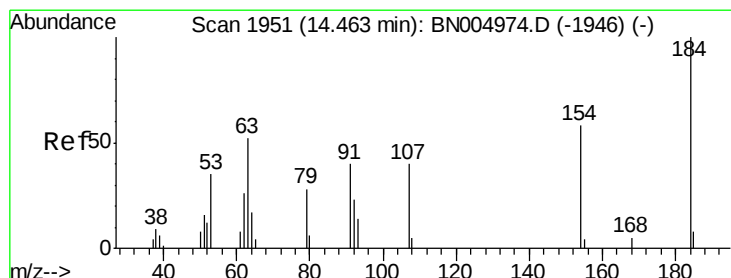
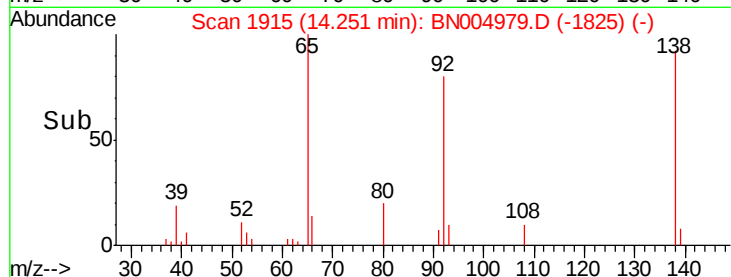
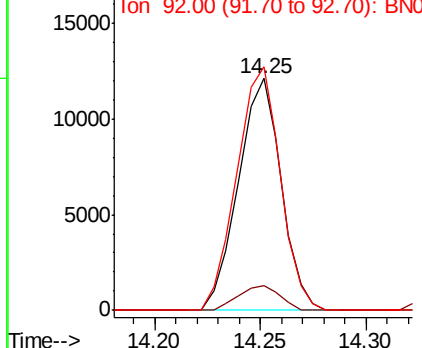
#53
3-Nitroaniline
Concen: 38.400 ng
RT: 14.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion:138 Resp: 17068
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 105.2 86.9 130.3

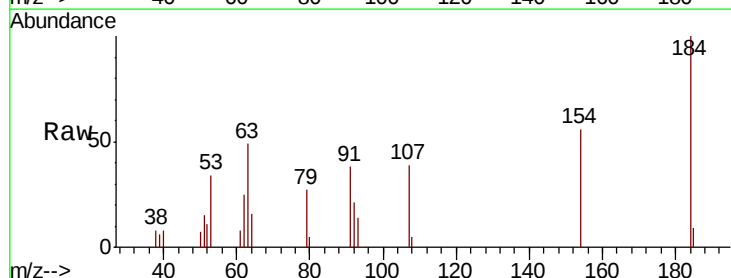


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC

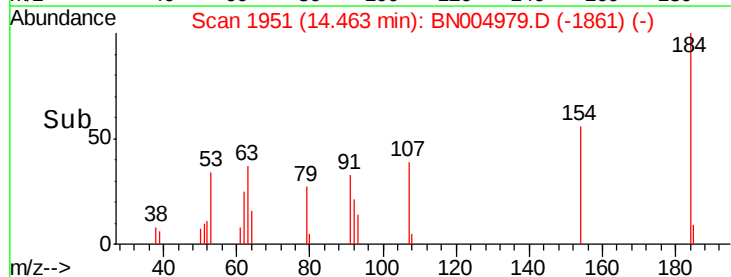
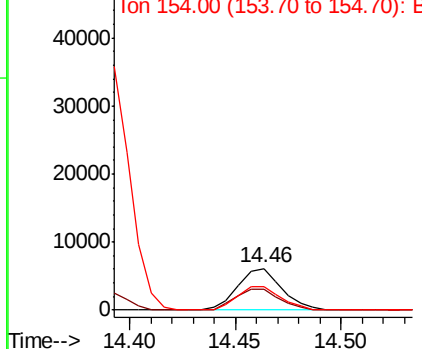


#54
2,4-Dinitrophenol
Concen: 42.598 ng
RT: 14.46 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion:184 Resp: 8817
Ion Ratio Lower Upper
184 100
63 48.5 41.6 62.4
154 56.4 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

Dibenzofuran

Concen: 40.149 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

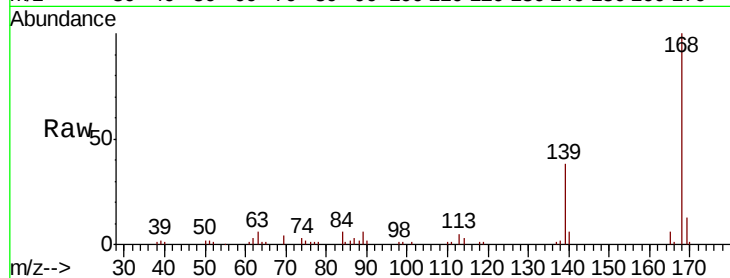
Tot Ion:168 Resp: 89658

Ion Ratio Lower Upper

168 100

139 37.7 29.9 44.9

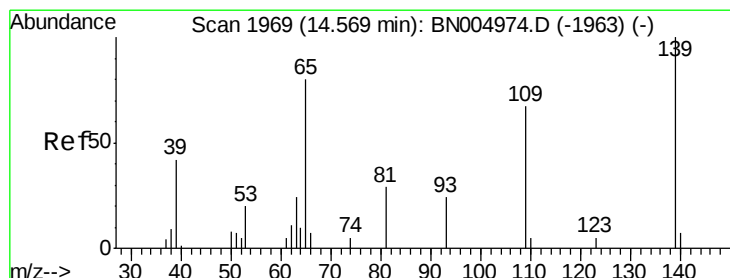
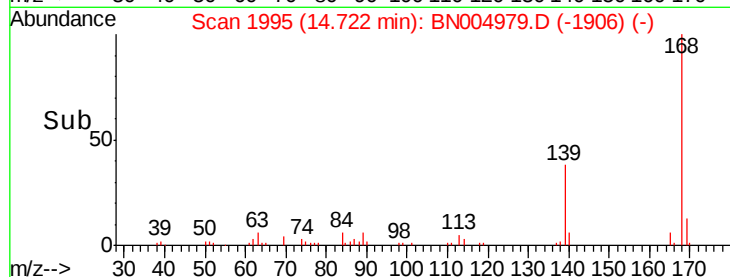
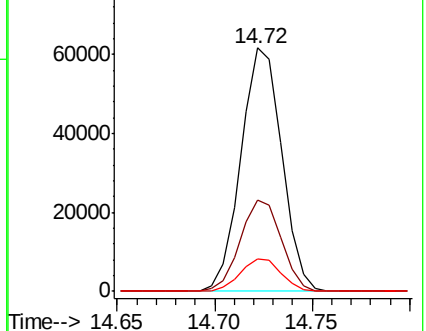
169 13.1 10.6 15.8



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: 38.733 ng

RT: 14.57 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

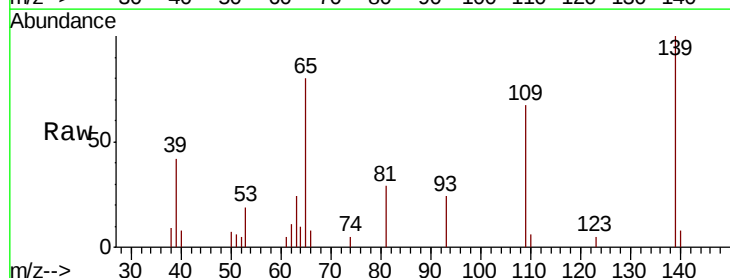
Tgt Ion:139 Resp: 13154

Ion Ratio Lower Upper

139 100

109 67.3 46.5 86.5

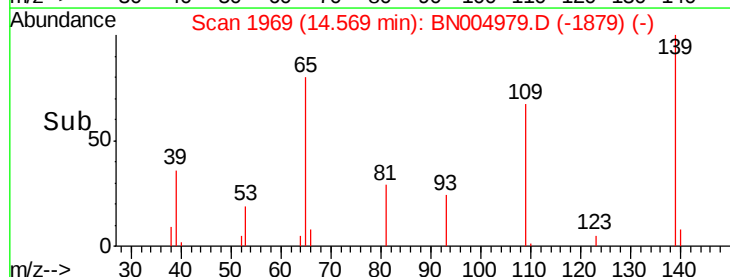
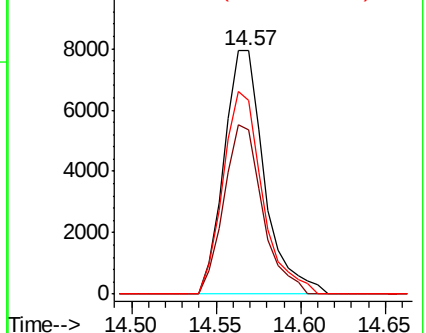
65 79.7 59.5 99.5



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): BNC

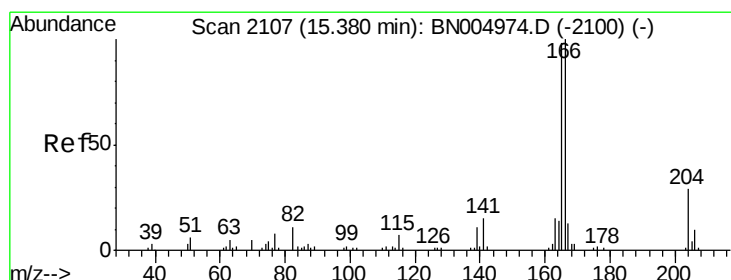
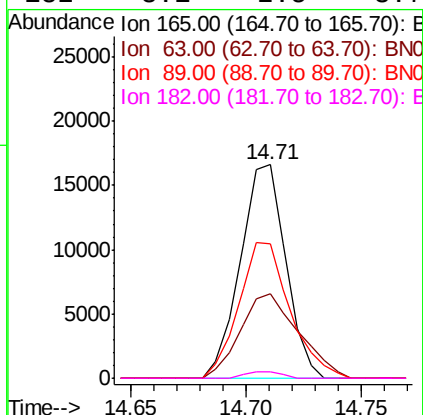
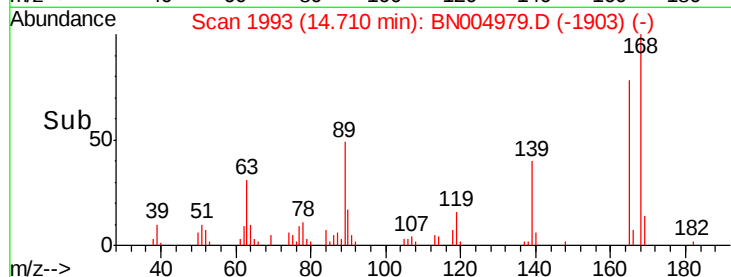
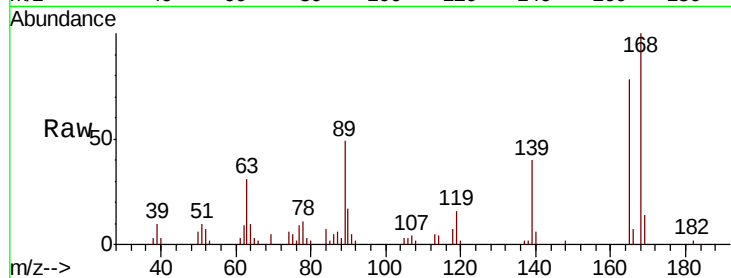




#57
2,4-Dinitrotoluene
Concen: 40.472 ng
RT: 14.71 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

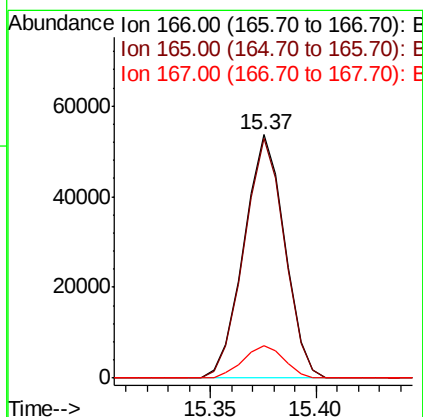
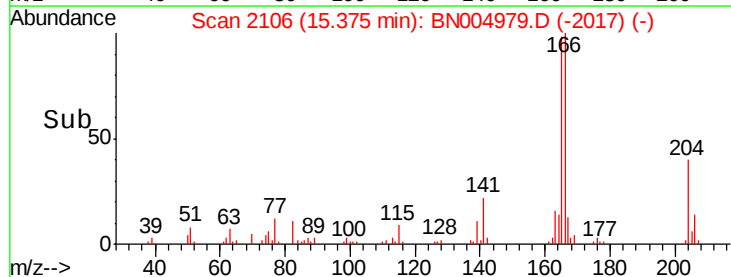
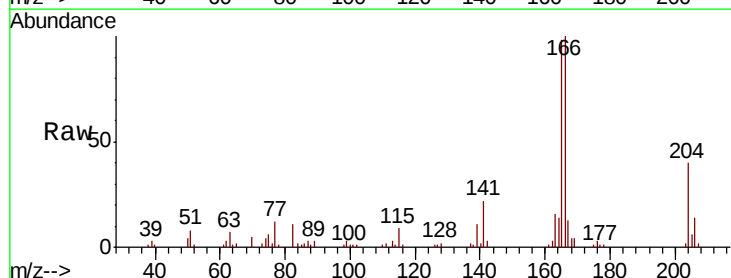
Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion:165 Resp: 22744
Ion Ratio Lower Upper
165 100
63 39.8 30.4 45.6
89 62.9 50.7 76.1
182 3.1 2.5 3.7



#58
Fluorene
Concen: 43.637 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion:166 Resp: 72004
Ion Ratio Lower Upper
166 100
165 98.5 78.3 117.5
167 13.3 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.442 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

Tot Ion:232 Resp: 19759

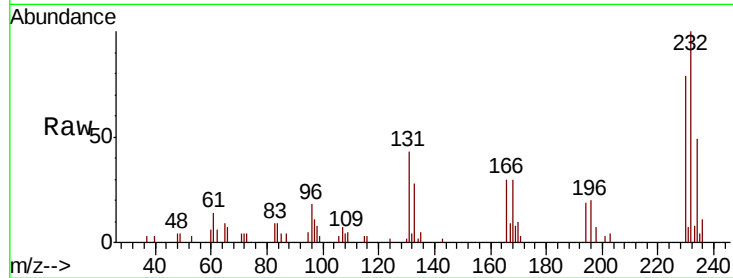
Ion Ratio Lower Upper

232 100

131 41.5 32.4 48.6

130 0.6 0.9 1.3#

166 29.1 22.6 34.0

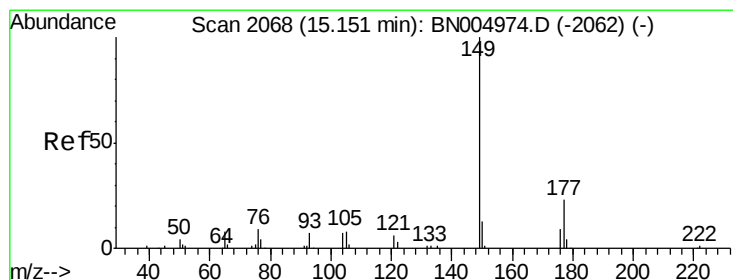
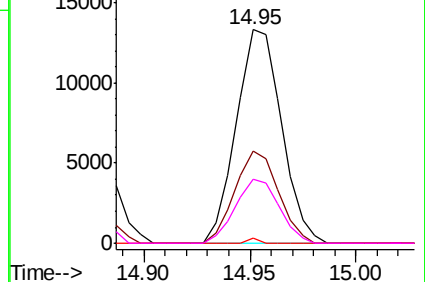
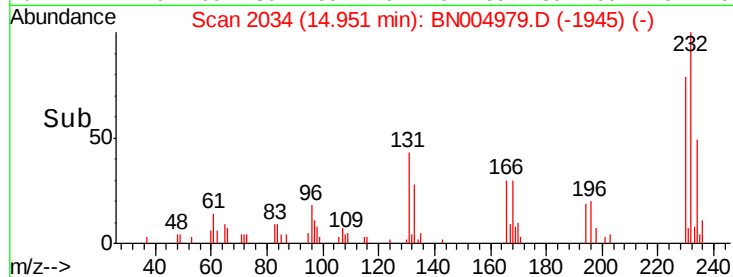


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.010 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

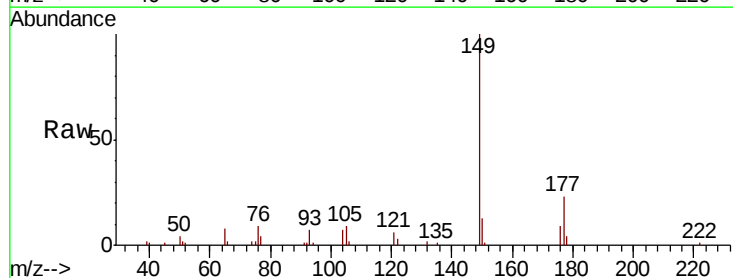
Tgt Ion:149 Resp: 73520

Ion Ratio Lower Upper

149 100

177 22.6 18.1 27.1

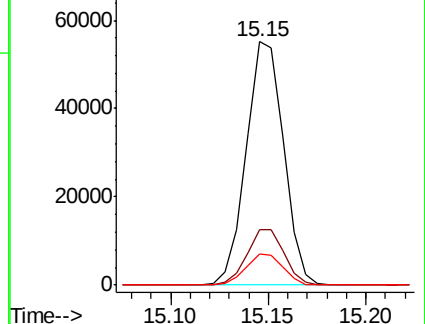
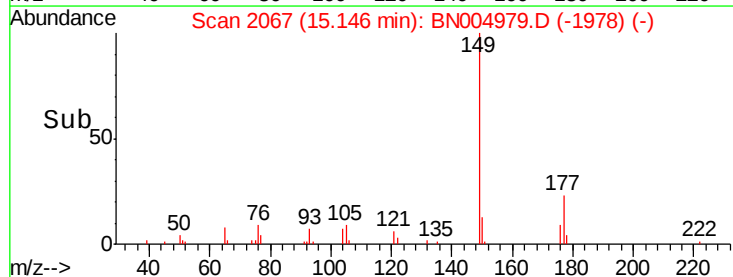
150 12.8 10.1 15.1

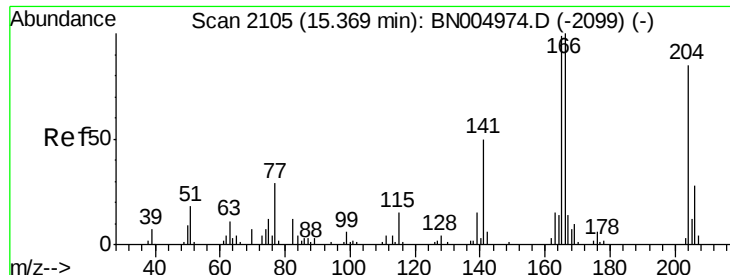


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

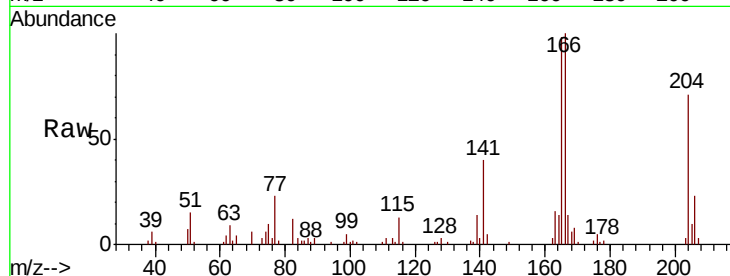




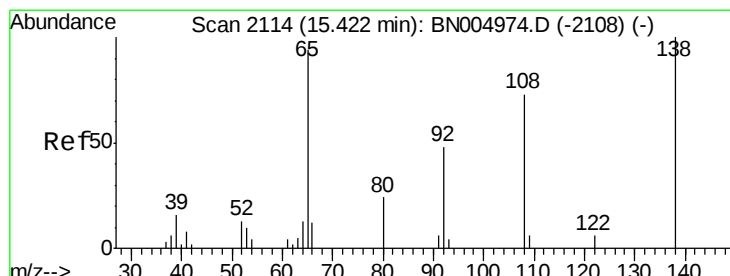
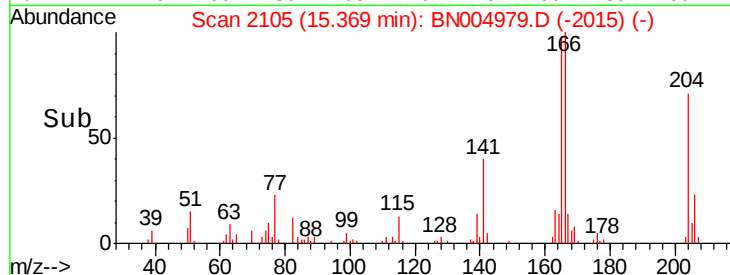
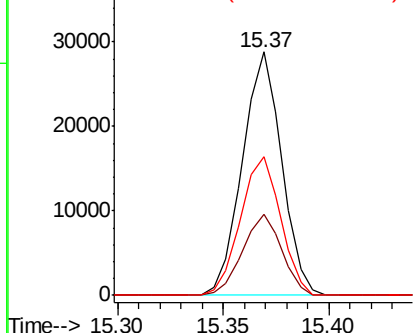
#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Instrument :
BNA_N
ClientSampleId :
ICVBN032619

Tot Ion:204 Resp: 37136
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 56.8 47.2 70.8

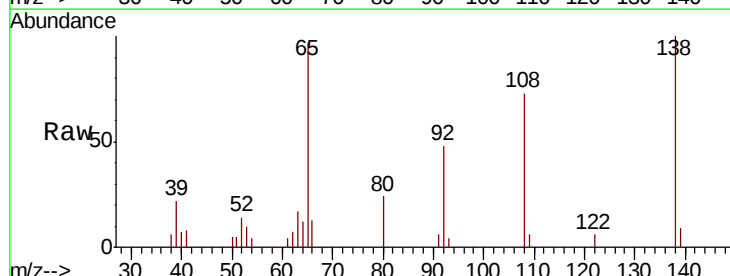


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

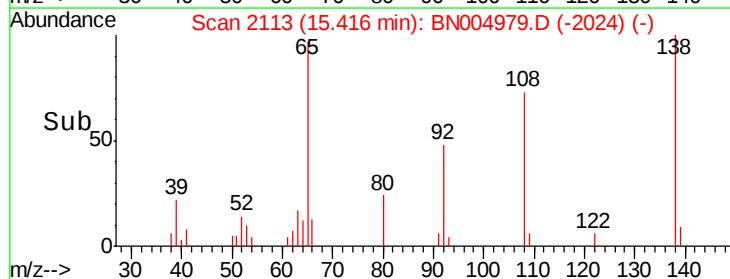
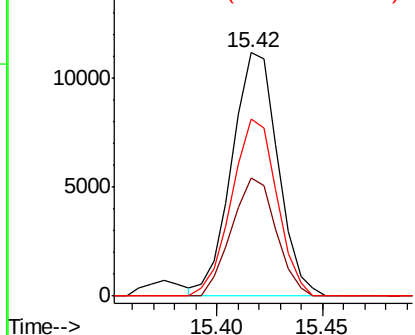


#62
4-Nitroaniline
Concen: 37.989 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN004979.D
Acq: 26 Mar 2019 16:43

Tgt Ion:138 Resp: 16945
Ion Ratio Lower Upper
138 100
92 48.3 26.4 66.4
108 72.6 50.8 90.8



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





#63

Azobenzene

Concen: 40.310 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

Tot Ion: 77 Resp: 62010

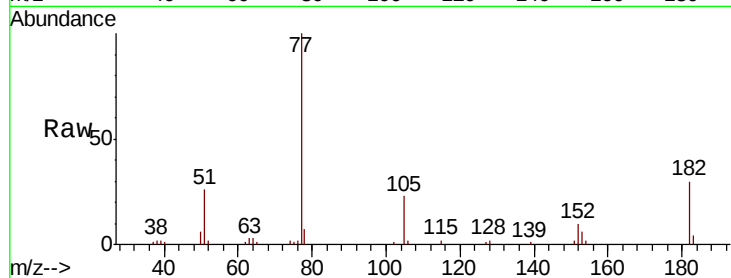
Ion Ratio Lower Upper

77 100

182 30.4 10.0 50.0

105 23.0 2.9 42.9

51 25.5 6.0 46.0

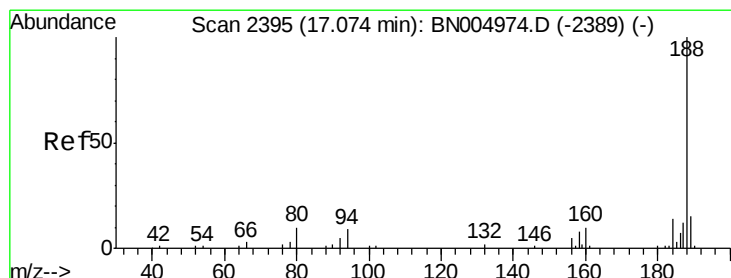
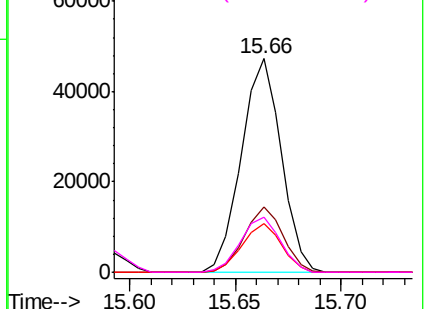
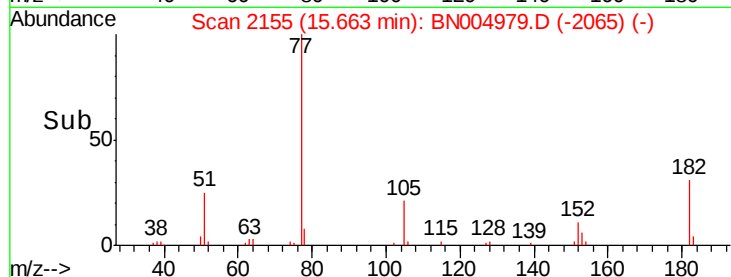


Abundance Ion 77.00 (76.70 to 77.70): BNC

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: BN004979.D

Acq: 26 Mar 2019 16:43

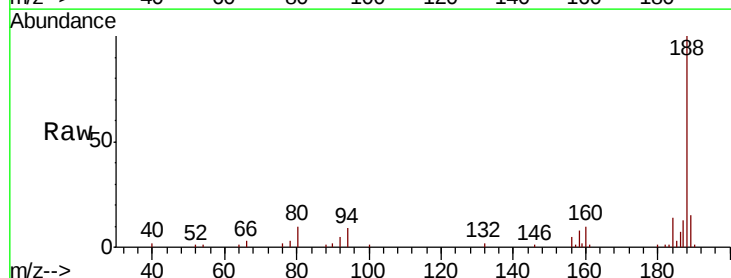
Tgt Ion: 188 Resp: 47705

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

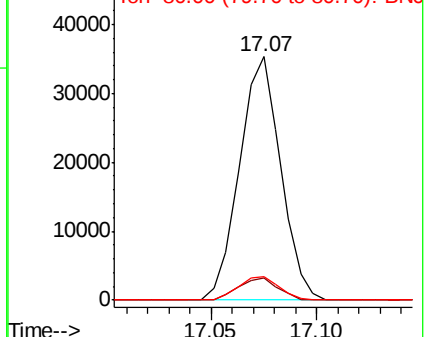
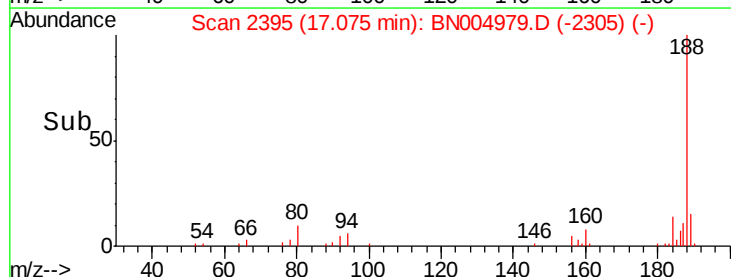
80 9.6 7.8 11.6



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

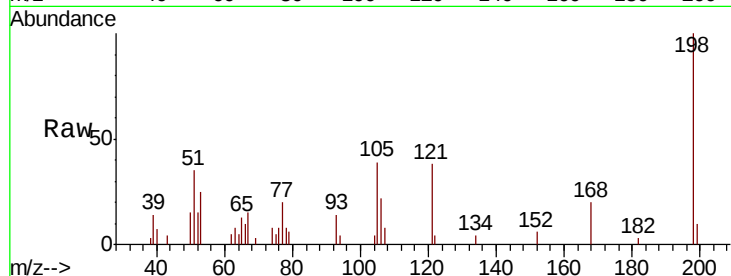




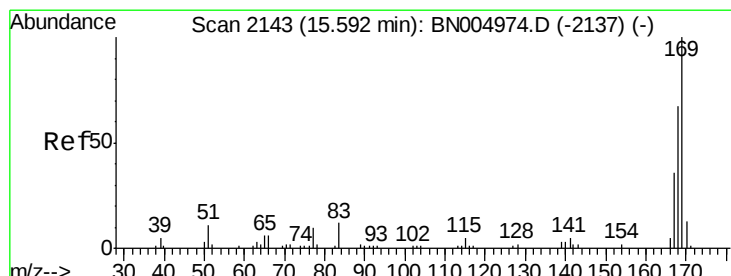
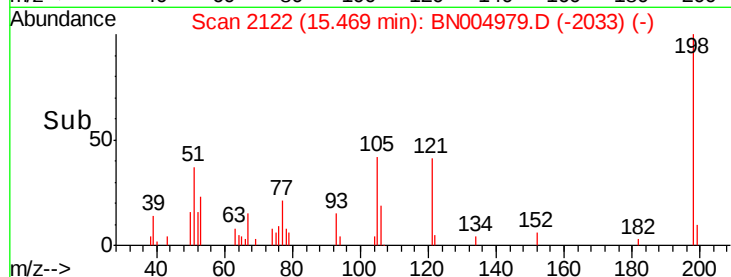
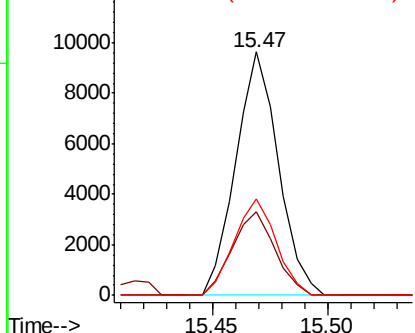
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.848 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion:198 Resp: 12386
 Ion Ratio Lower Upper
 198 100
 51 34.6 12.0 52.0
 105 39.4 17.6 57.6

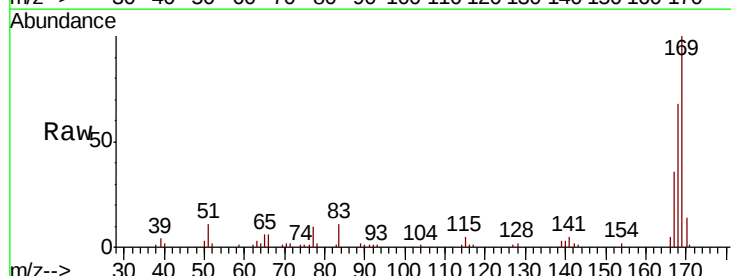


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

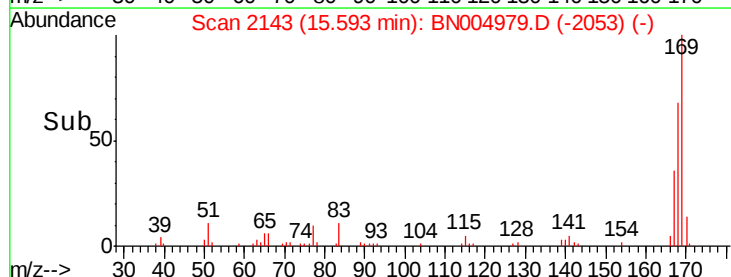
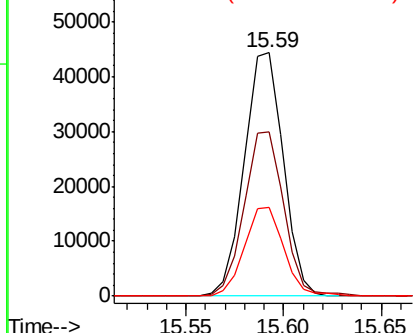


#66
 n-Nitrosodiphenylamine
 Concen: 40.663 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:169 Resp: 61442
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.4 80.2
 167 36.2 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

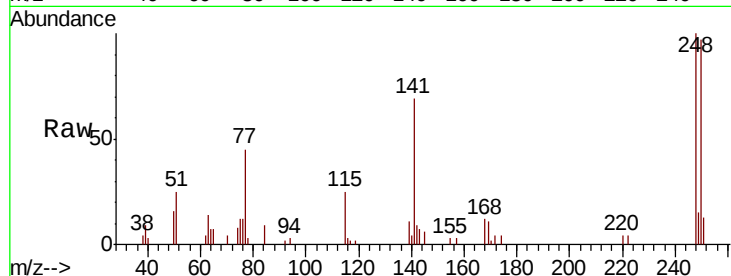




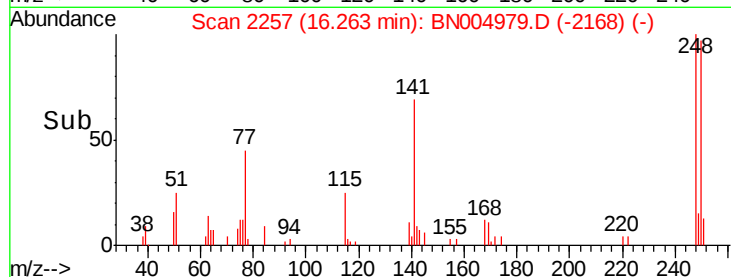
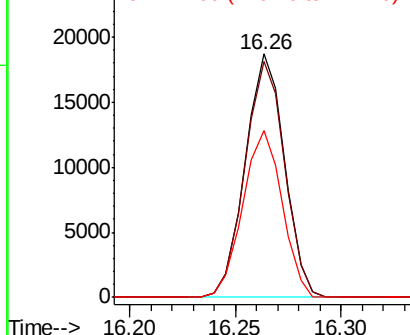
#67
 4-Bromophenyl-phenylether
 Concen: 40.218 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion:248 Resp: 24200
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 68.7 52.3 78.5

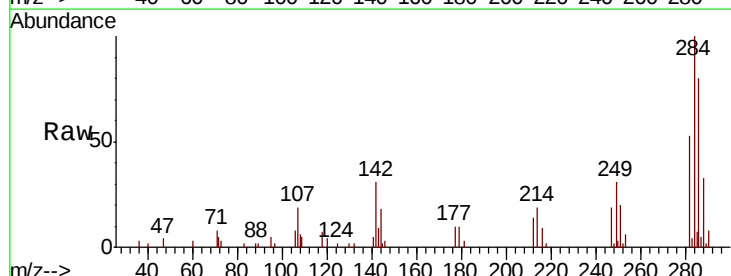


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

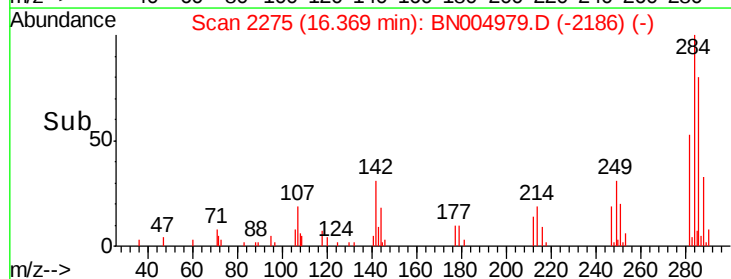
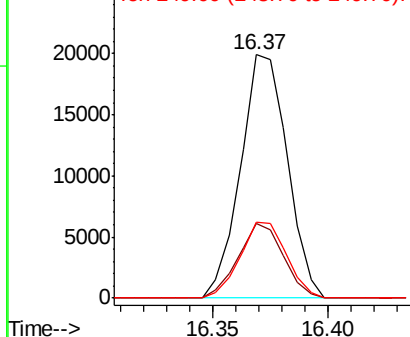


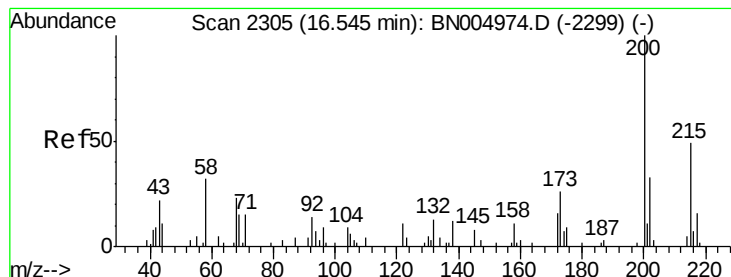
#68
 Hexachlorobenzene
 Concen: 40.135 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:284 Resp: 28108
 Ion Ratio Lower Upper
 284 100
 142 30.6 23.5 35.3
 249 31.0 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: 37.710 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

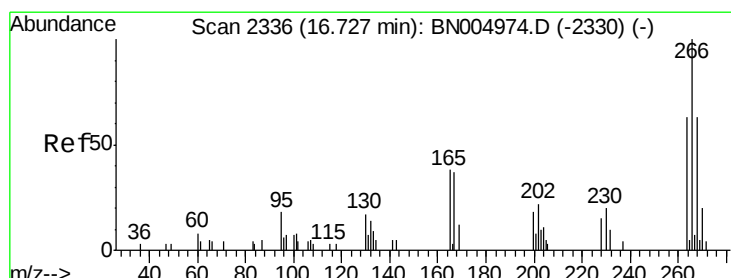
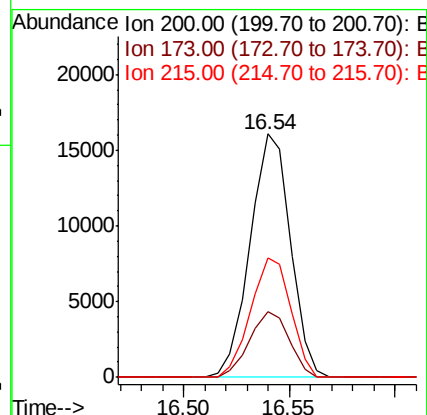
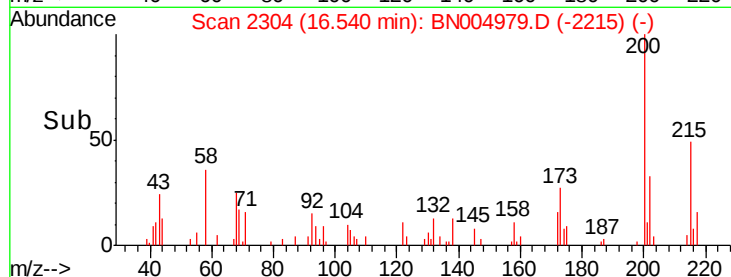
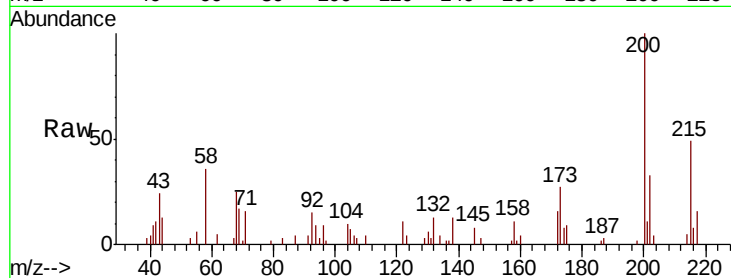
Tot Ion:200 Resp: 21314

Ion Ratio Lower Upper

200 100

173 27.0 6.4 46.4

215 48.9 28.8 68.8



#70

Pentachlorophenol

Concen: 30.611 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

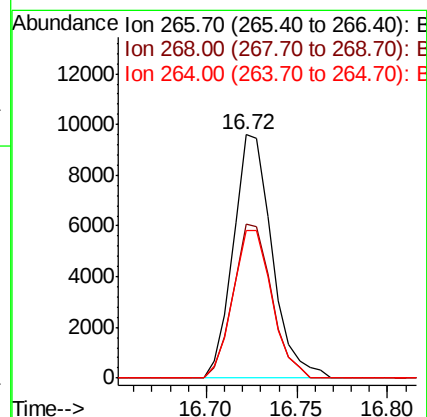
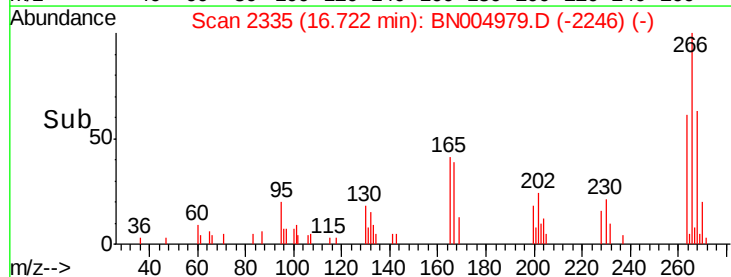
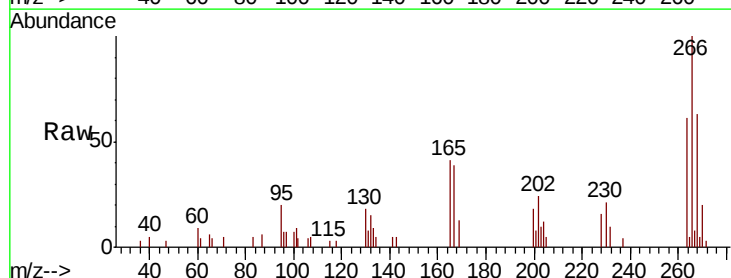
Tgt Ion:266 Resp: 14288

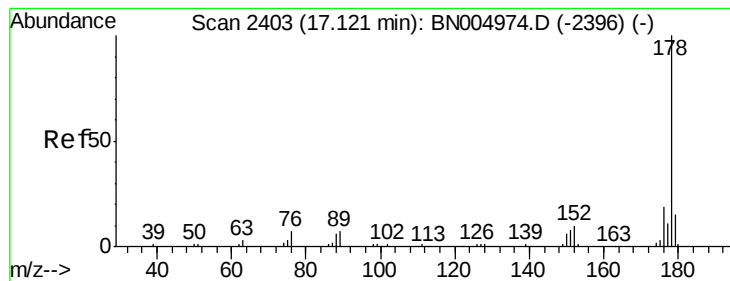
Ion Ratio Lower Upper

266 100

268 63.2 50.8 76.2

264 60.7 50.0 75.0





#71

Phenanthrene

Concen: 43.228 ng

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

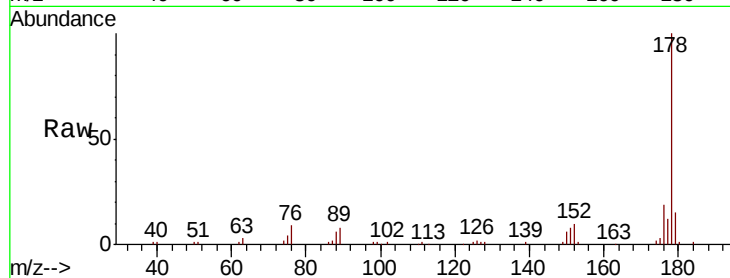
Tot Ion:178 Resp: 107731

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

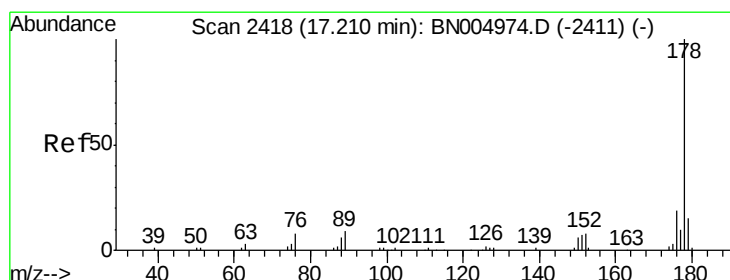
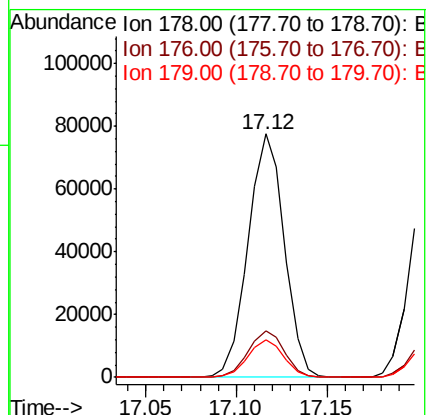
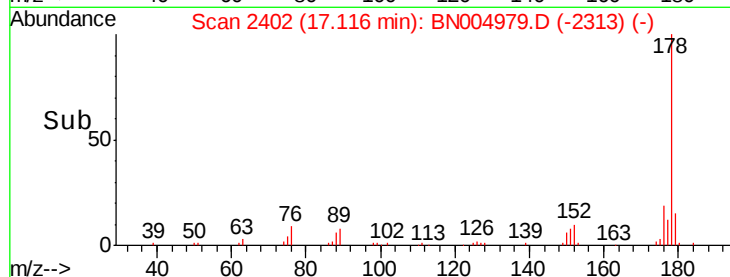
179 15.4 12.3 18.5



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: 44.195 ng

RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

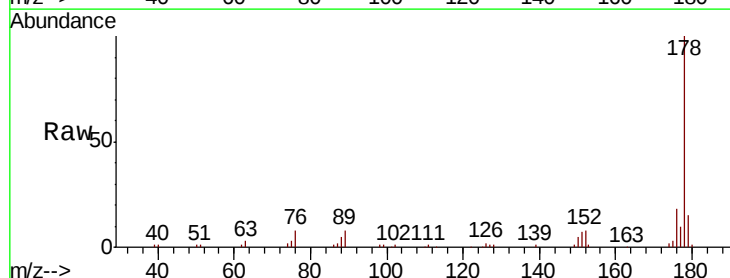
Tgt Ion:178 Resp: 107658

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

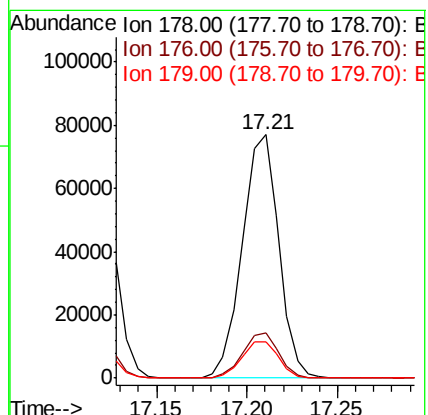
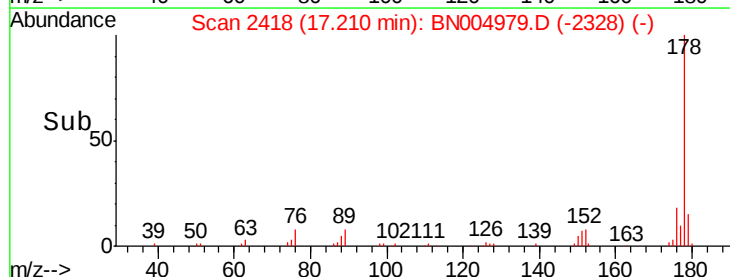
179 15.1 12.3 18.5



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

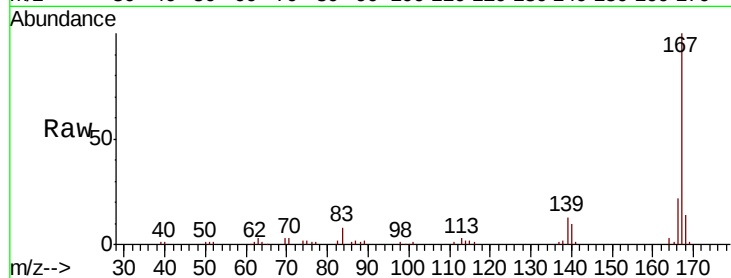




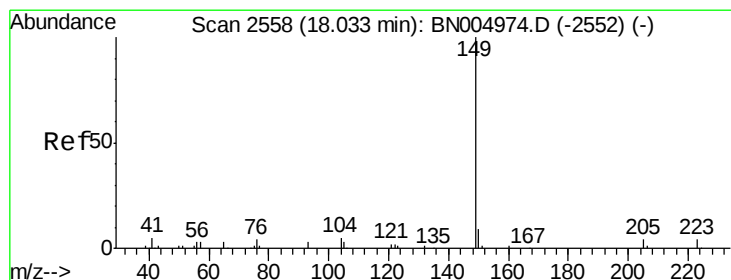
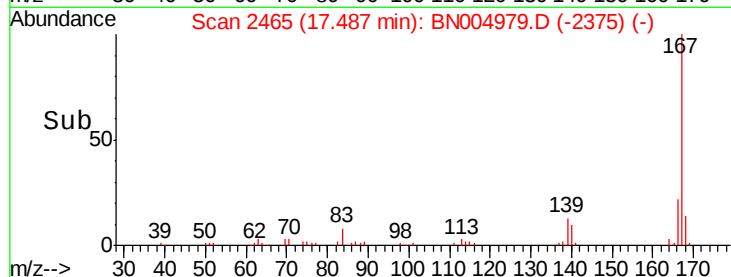
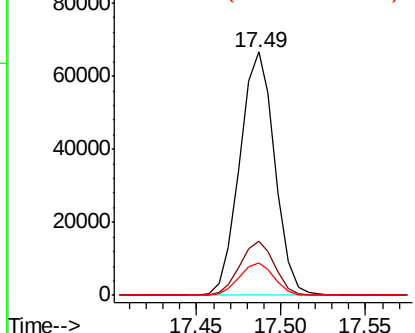
#73
 Carbazole
 Concen: 40.072 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

Tot Ion:167 Resp: 95801
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.2 10.6 16.0

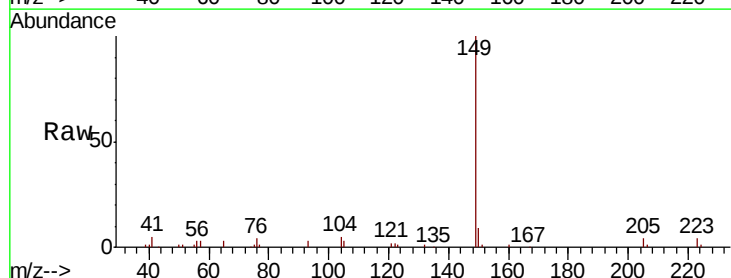


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

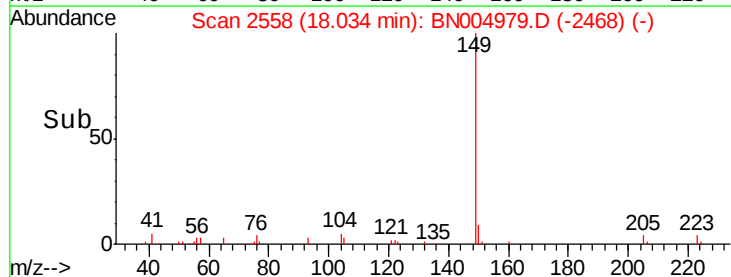
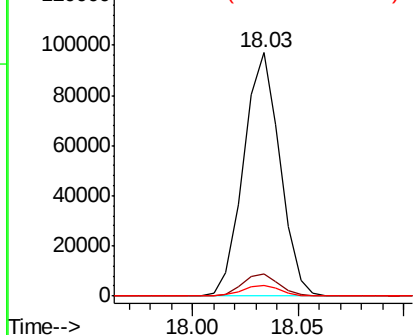


#74
 Di-n-butylphthalate
 Concen: 41.018 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:149 Resp: 115710
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.6 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: 44.288 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

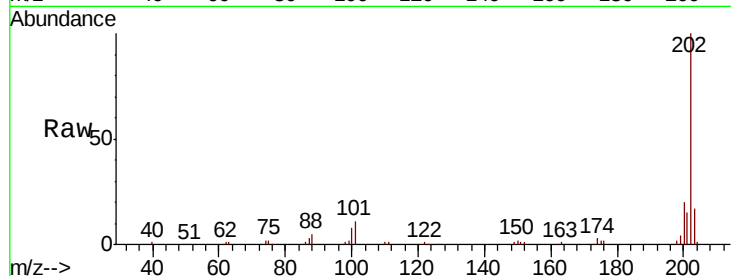
Tot Ion:202 Resp: 118979

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

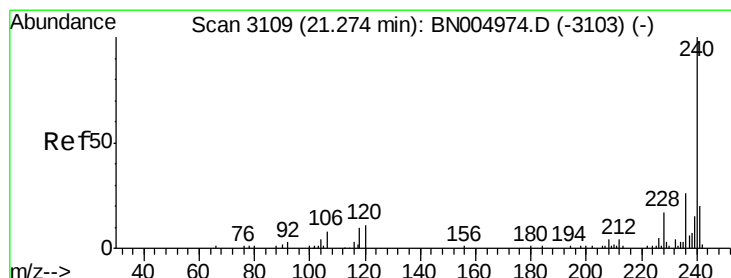
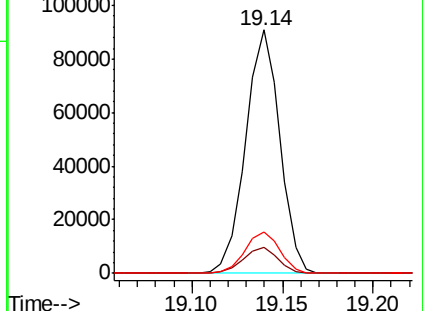
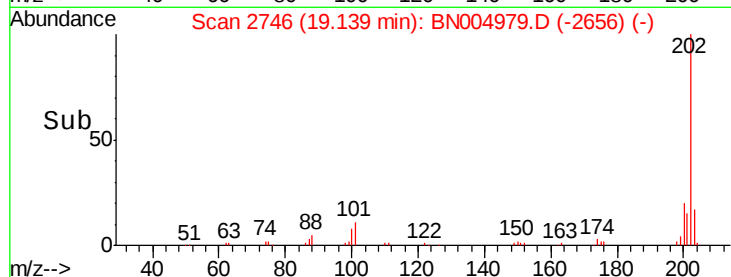
203 17.2 0.0 37.5



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: BN004979.D

Acq: 26 Mar 2019 16:43

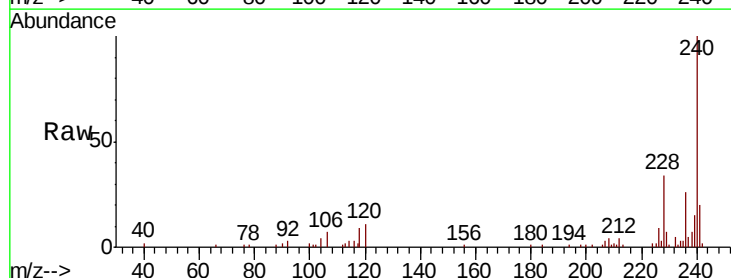
Tgt Ion:240 Resp: 44653

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

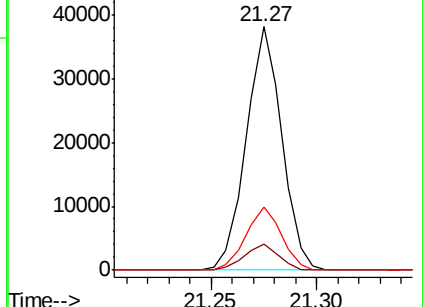
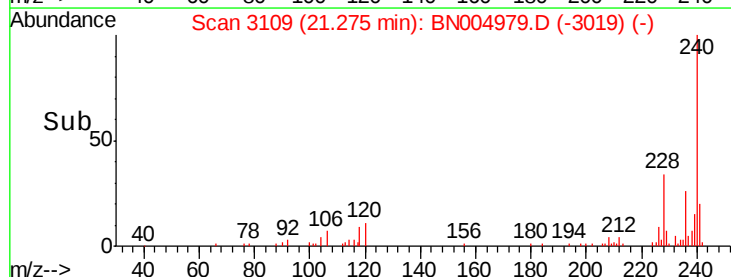
236 25.7 21.2 31.8



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: 36.705 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

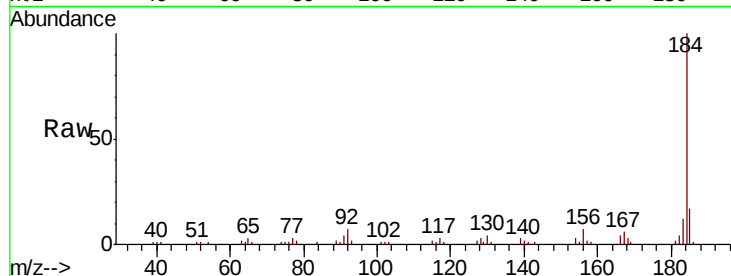
Tot Ion:184 Resp: 56682

Ion Ratio Lower Upper

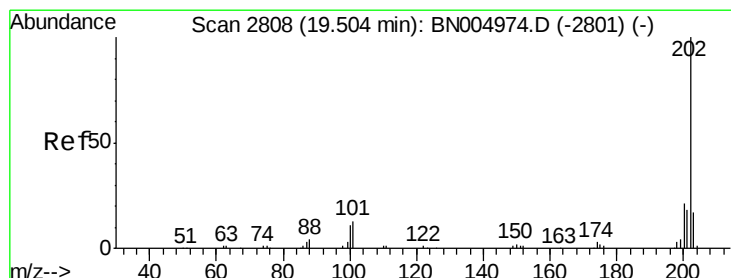
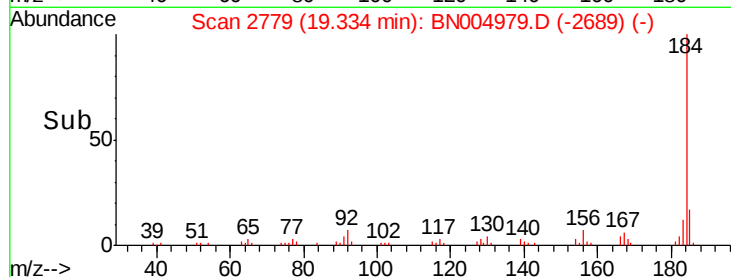
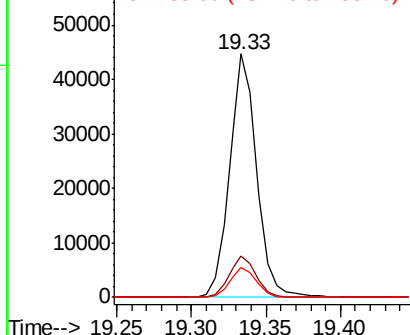
184 100

185 17.1 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: 40.010 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

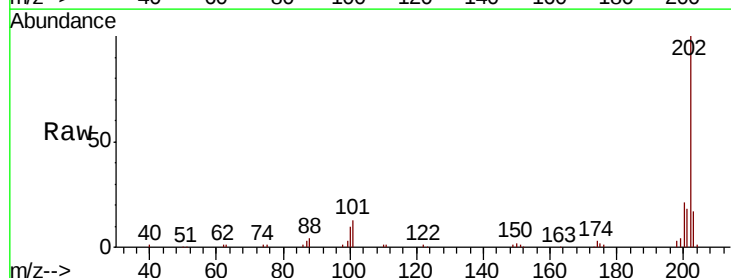
Tgt Ion:202 Resp: 120595

Ion Ratio Lower Upper

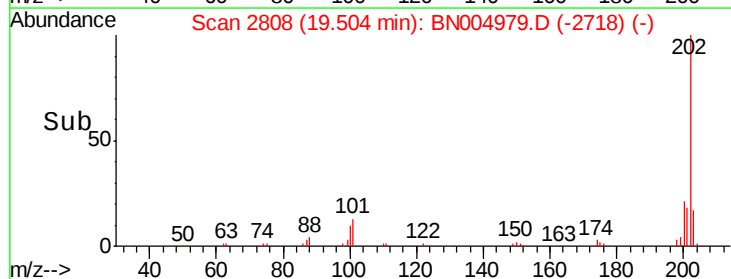
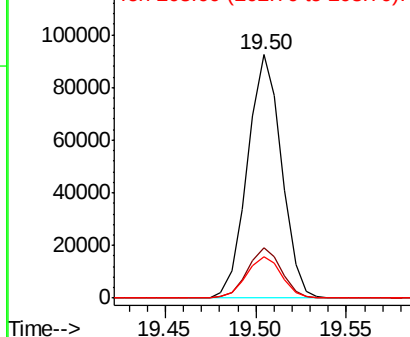
202 100

200 20.9 17.0 25.4

203 17.1 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: 82.568 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

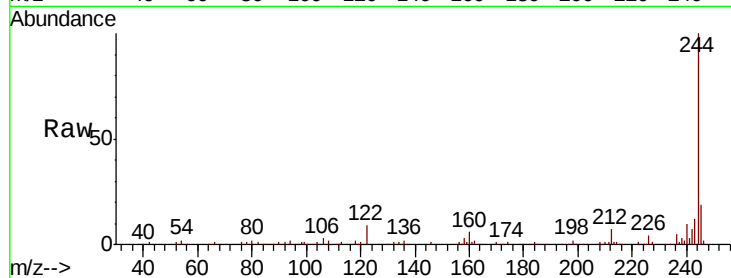
Tot Ion:244 Resp: 187274

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

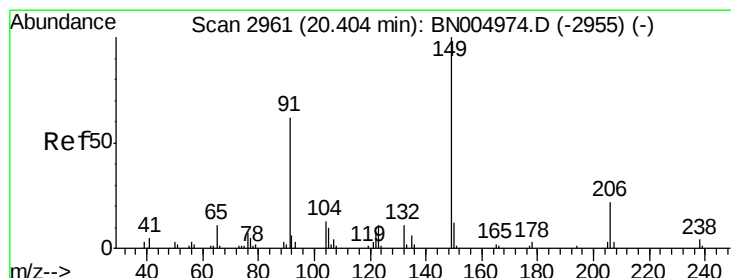
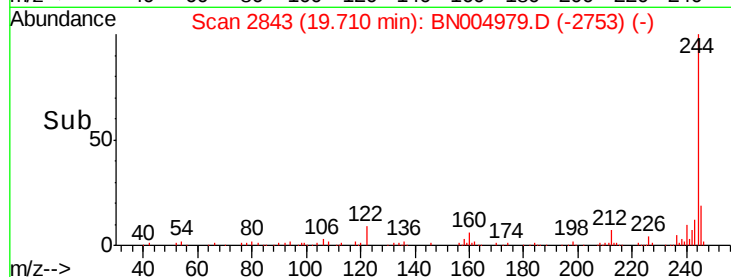
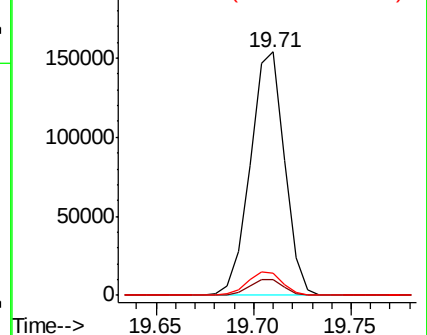
122 9.1 7.4 11.2



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: 36.509 ng

RT: 20.40 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

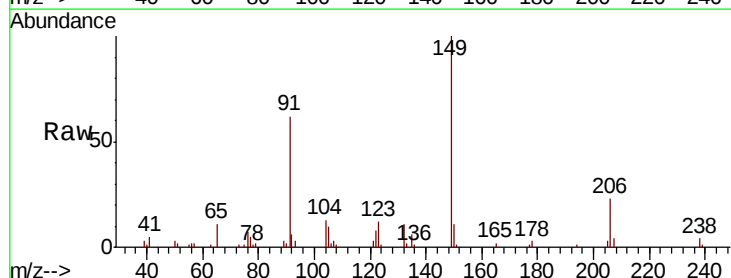
Tgt Ion:149 Resp: 47162

Ion Ratio Lower Upper

149 100

91 61.7 49.3 73.9

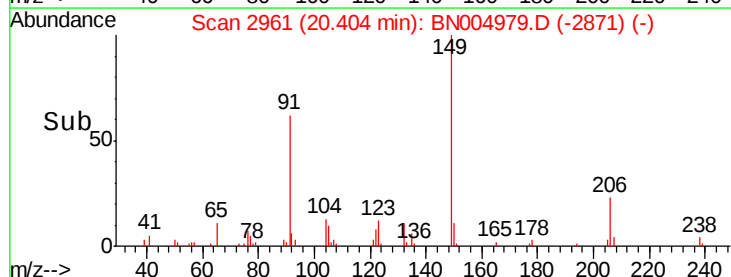
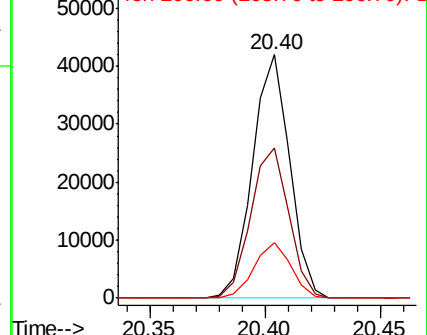
206 22.7 17.9 26.9

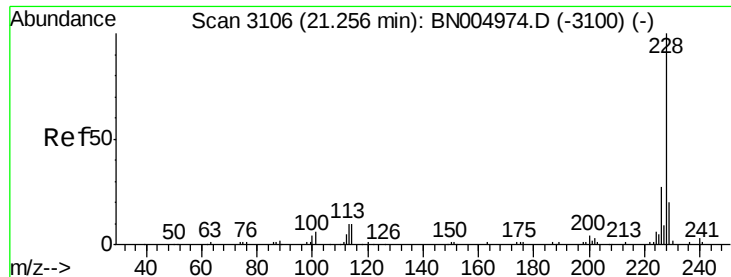


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.001 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

Tot Ion:228 Resp: 111766

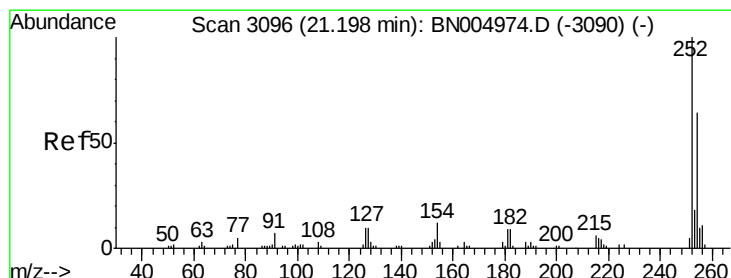
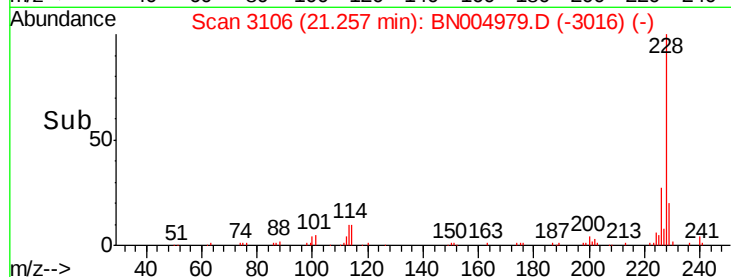
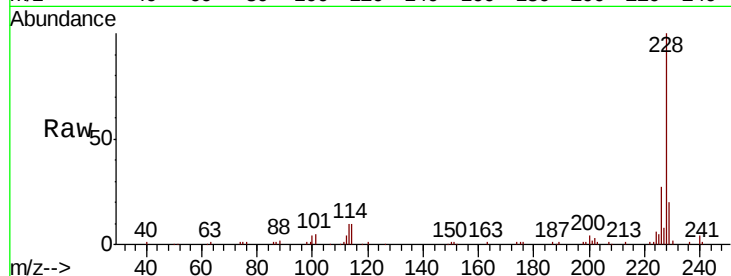
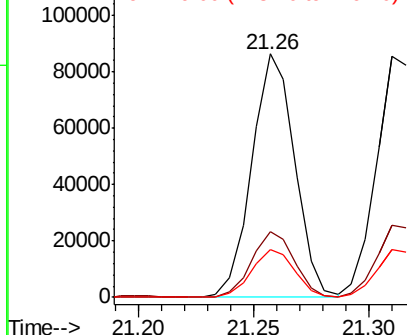
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.5	15.9	23.9

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: 38.921 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Tgt Ion:252 Resp: 41202

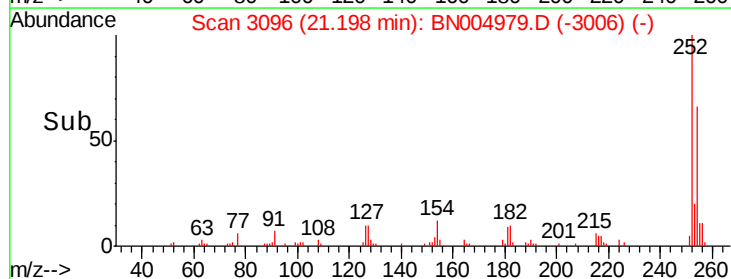
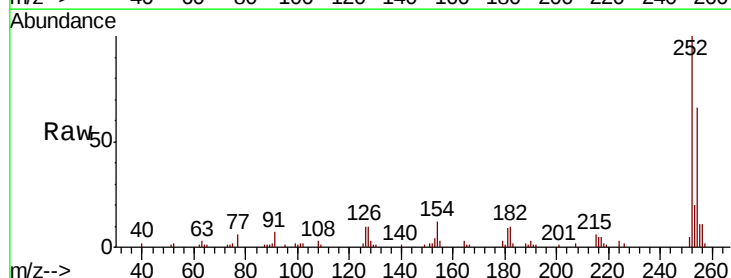
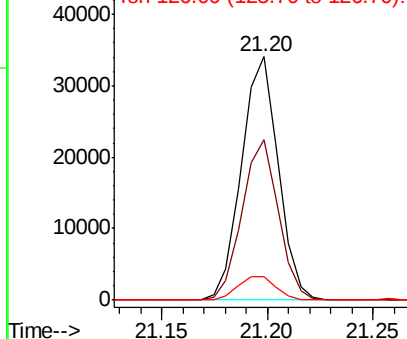
Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.5	77.3
126	9.9	7.9	11.9

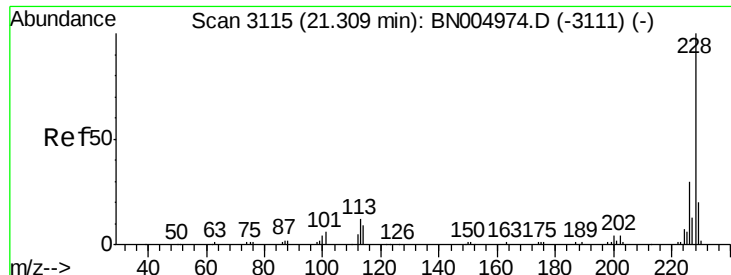
Abundance

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

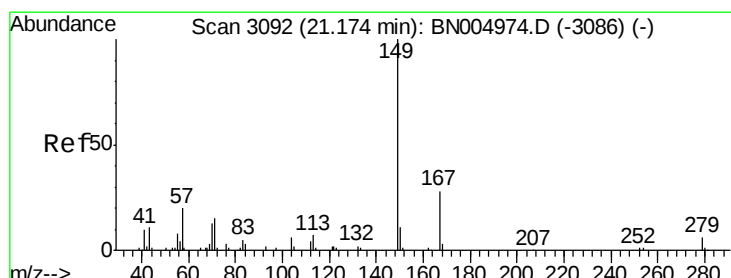
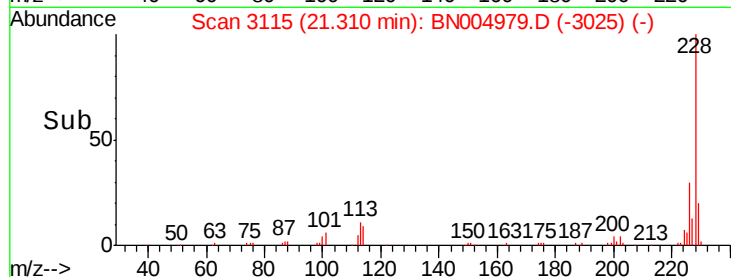
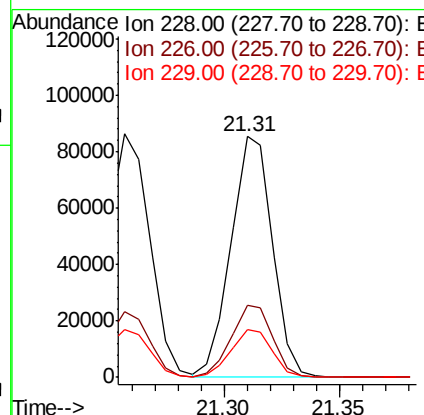
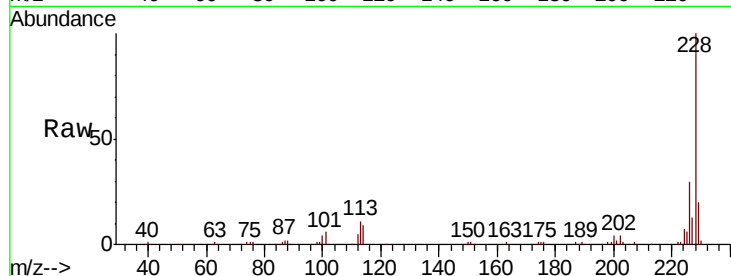




#83
 Chrysene
 Concen: 43.971 ng
 RT: 21.31 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

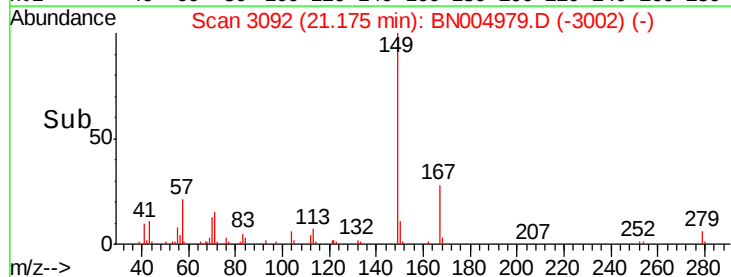
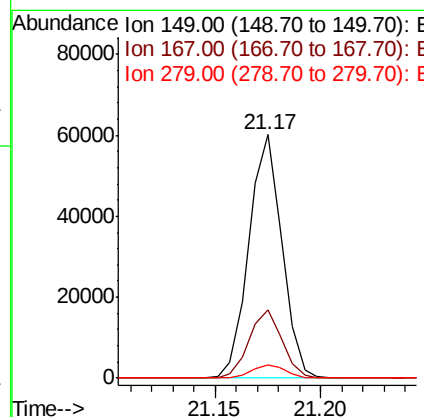
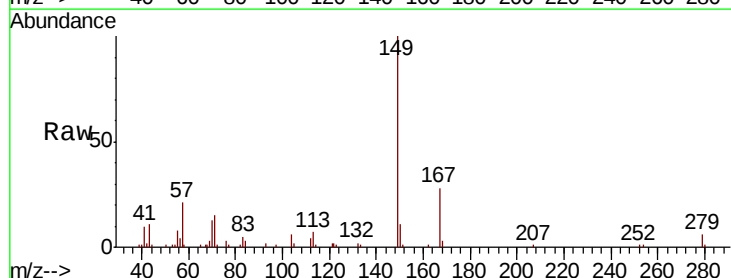
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN032619

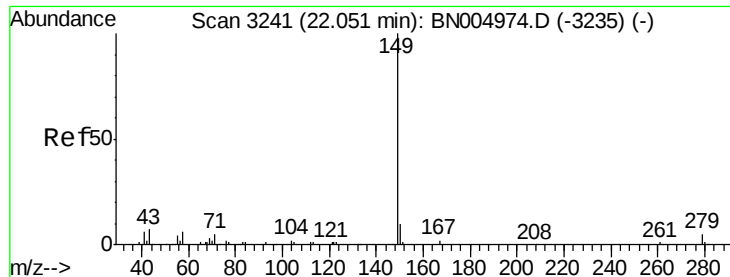
Tot Ion:228	Resp:	106820
Ion	Ratio	Lower Upper
228	100	
226	29.8	24.2 36.2
229	19.7	15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.870 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN004979.D
 Acq: 26 Mar 2019 16:43

Tgt Ion:149	Resp:	65323
Ion	Ratio	Lower Upper
149	100	
167	28.3	22.5 33.7
279	5.6	4.5 6.7





#85

Di-n-octyl phthalate

Concen: 38.924 ng

RT: 22.05 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

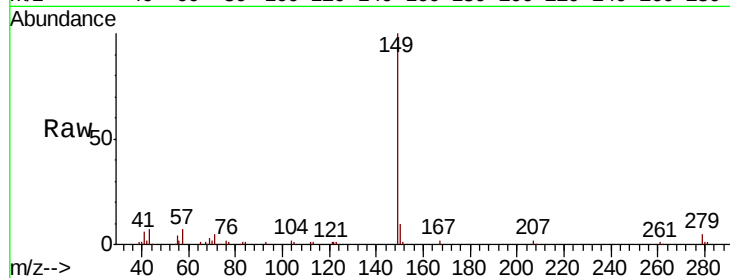
Tot Ion:149 Resp: 108296

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

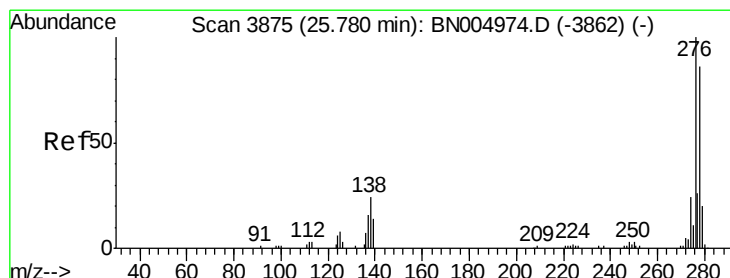
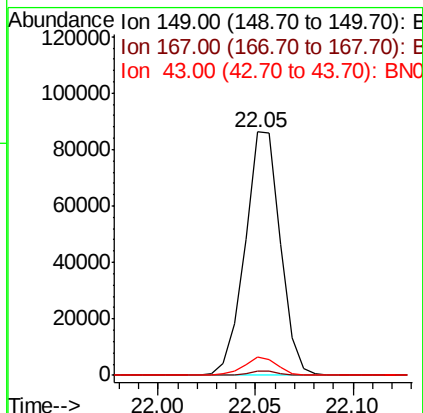
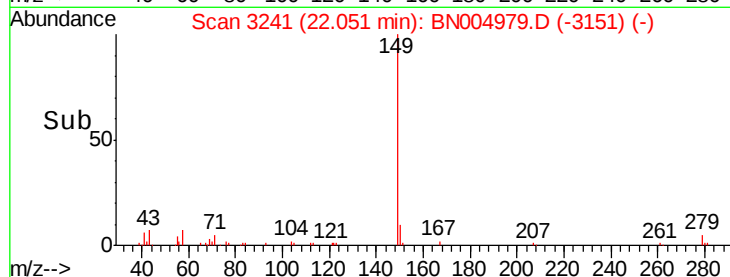
43 7.1 5.8 8.6



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): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.480 ng

RT: 25.79 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

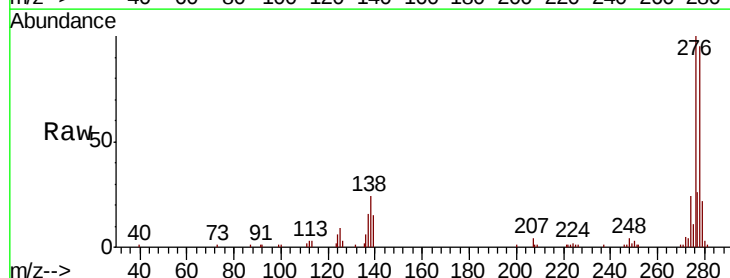
Tgt Ion:276 Resp: 132024

Ion Ratio Lower Upper

276 100

138 23.1 18.5 27.7

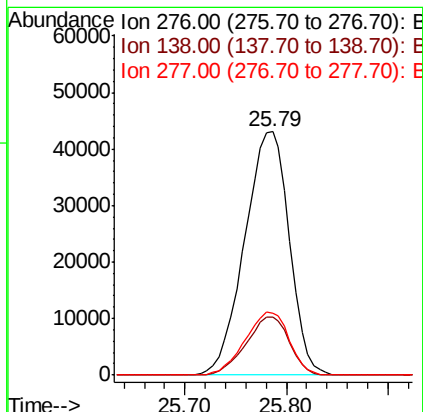
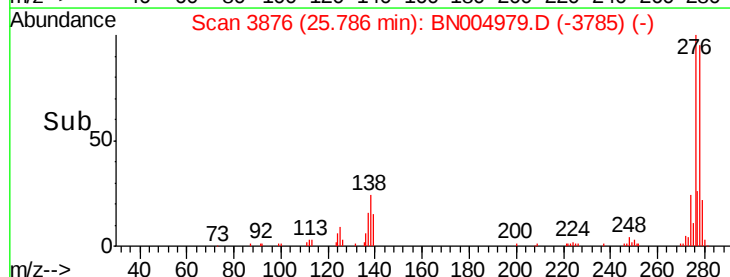
277 25.5 20.4 30.6

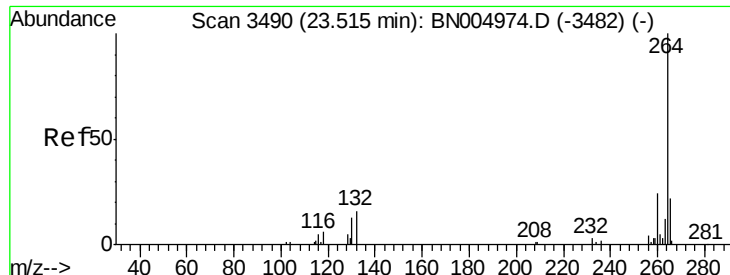


Abundance Ion 276.00 (275.70 to 276.70): E

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: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

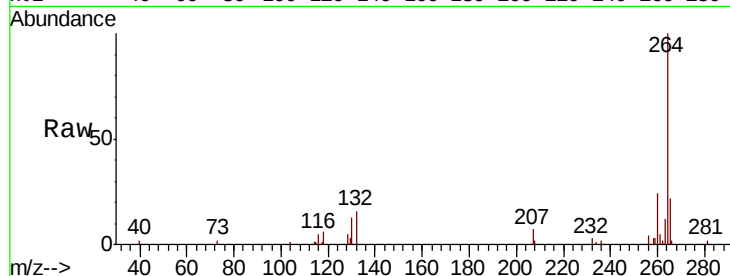
Tot Ion:264 Resp: 46185

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

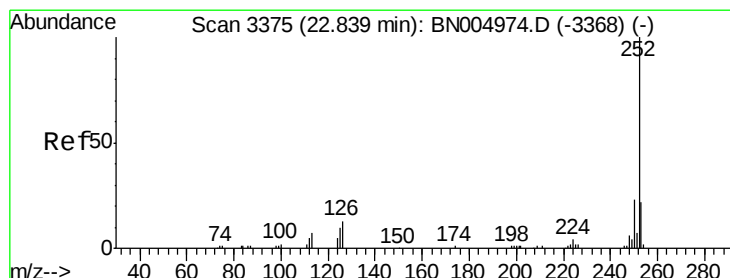
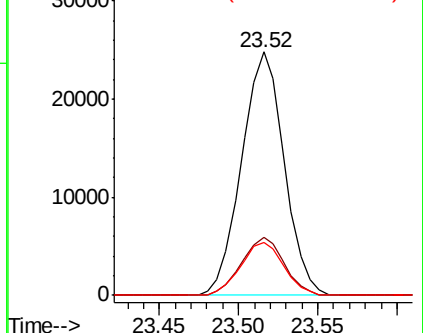
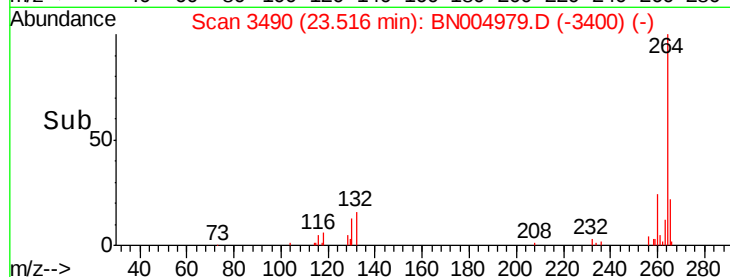
265 21.9 17.2 25.8



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: 42.707 ng

RT: 22.85 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

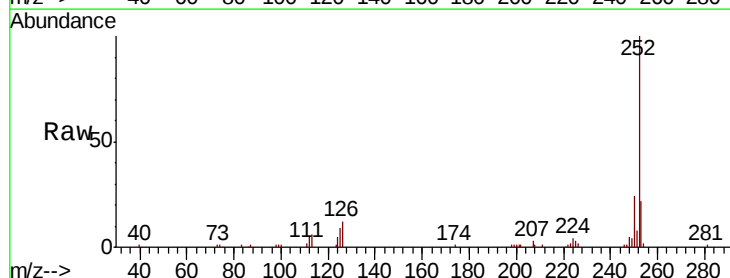
Tgt Ion:252 Resp: 109816

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

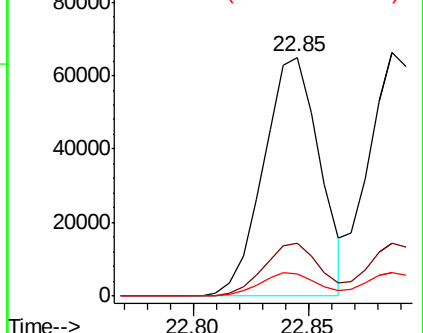
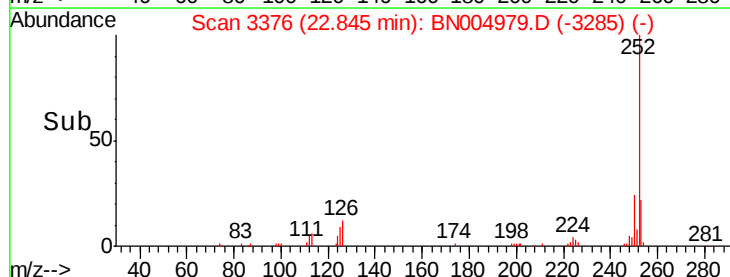
125 9.4 8.1 12.1

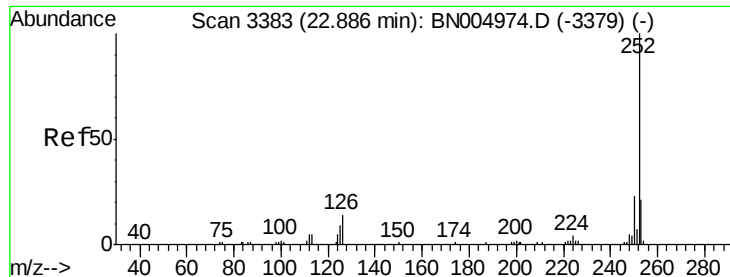


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.207 ng

RT: 22.89 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

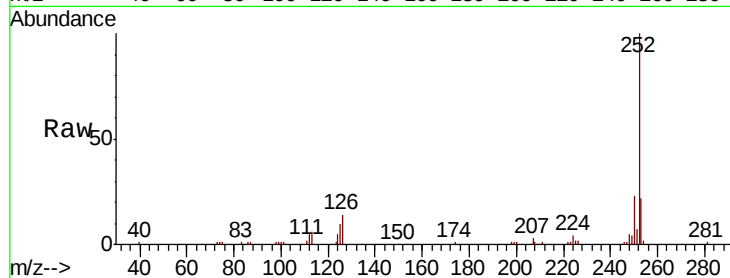
Tot Ion:252 Resp: 105439

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

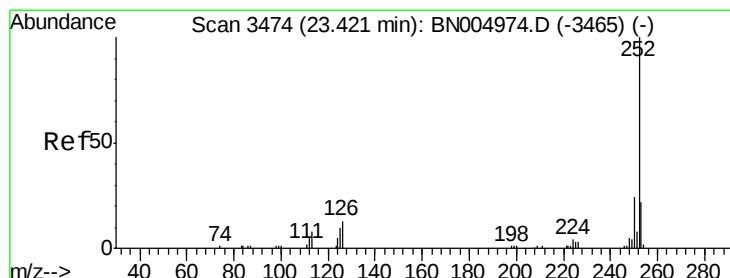
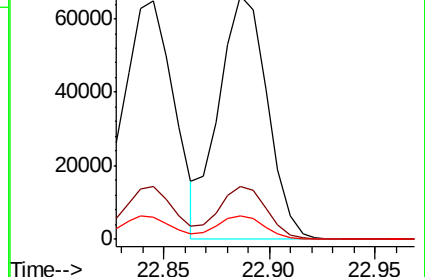
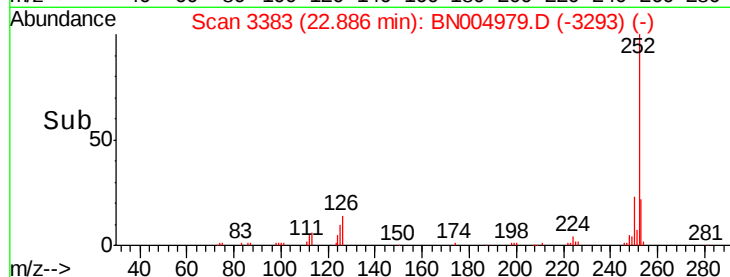
125 9.6 7.6 11.4



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: 43.731 ng

RT: 23.42 min Scan# 3474

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

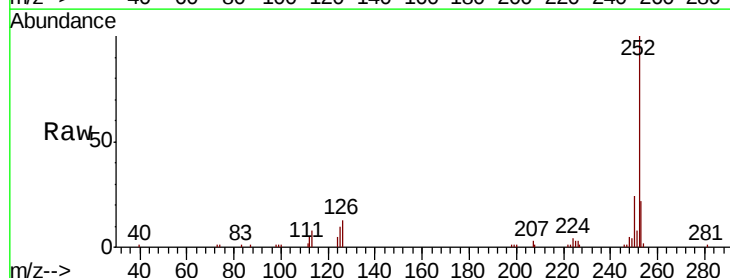
Tgt Ion:252 Resp: 104189

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

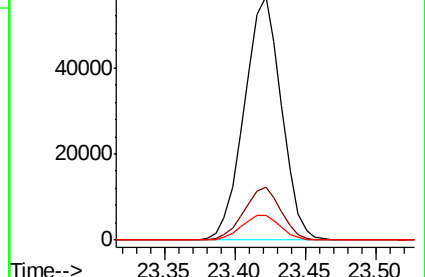
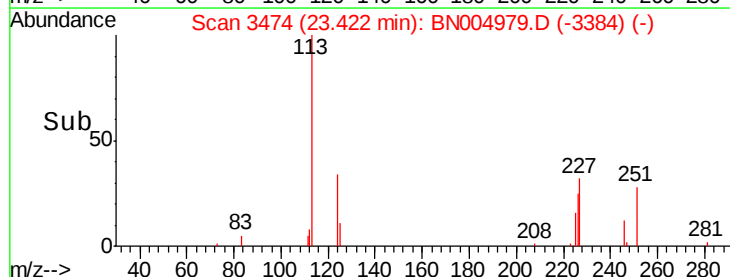
125 10.1 8.2 12.4

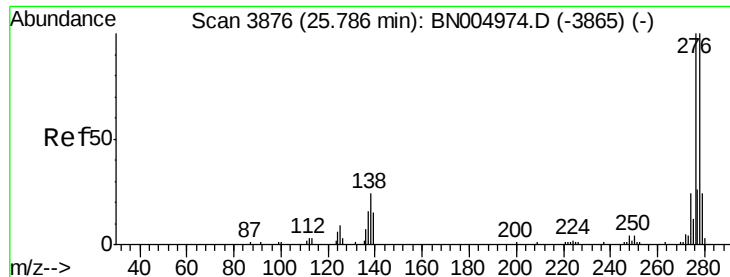


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.820 ng

RT: 25.79 min Scan# 3877

Delta R.T. 0.01 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

Instrument :

BNA_N

ClientSampleId :

ICVBN032619

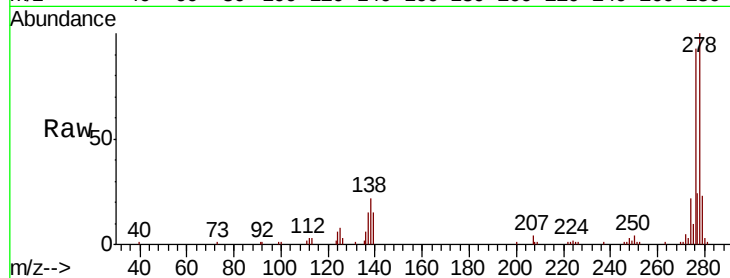
Tot Ion:278 Resp: 108740

Ion Ratio Lower Upper

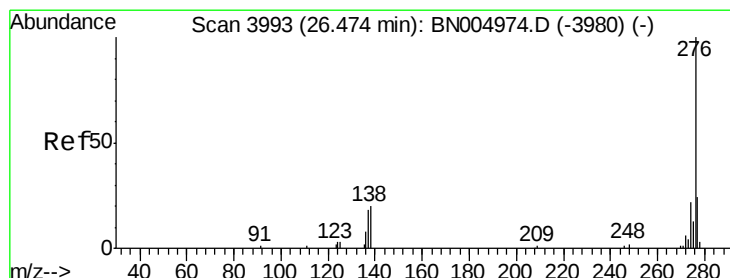
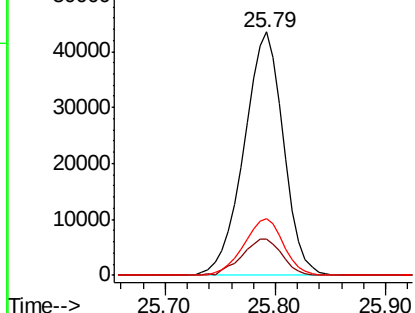
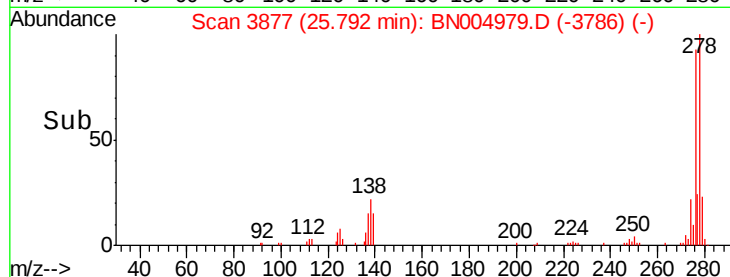
278 100

139 14.8 11.8 17.8

279 23.3 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: 45.681 ng

RT: 26.47 min Scan# 3993

Delta R.T. 0.00 min

Lab File: BN004979.D

Acq: 26 Mar 2019 16:43

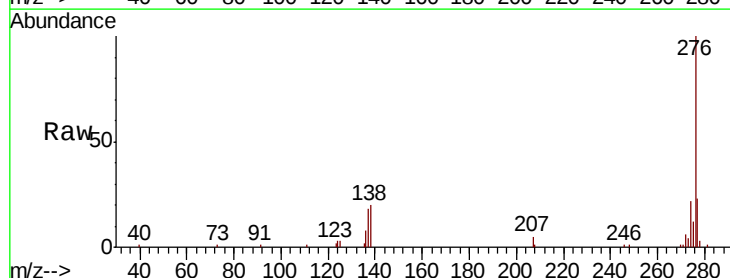
Tgt Ion:276 Resp: 107774

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 20.2 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

