

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
 Data File : BN002968.D
 Acq On : 05 Oct 2018 18:24
 Operator : MJ/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 01:10:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 06 01:07:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	121210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	547639	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	341896	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	776625	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	790065	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	697592	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	19650	7.48	ng/uL	0.00
5) Phenol-d5	6.82	99	213169	20.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	127214	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	175539	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	174830	21.93	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	87256	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	109077	22.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	189482	21.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	231960	23.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	573851	21.44	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	704262	20.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	82236	18.58	ng/ul	0.01
57) Fluorene-d10	15.26	176	490492	20.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	70512	14.52	ng/ul	0.00
70) Anthracene-d10	17.12	188	755374	20.37	ng/ul	0.00
78) Pyrene-d10	19.42	212	794545	19.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	739808	20.15	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	21317	7.257	ng/uL 95
4) Benzaldehyde	6.78	77	138111	24.543	ng/ul 98
6) Phenol	6.85	94	216582	20.867	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.06	93	163275	20.452	ng/ul 98
10) 2-Chlorophenol	7.20	128	174473	20.752	ng/ul 96
11) 2-Methylphenol	8.08	108	168736	21.649	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	240818	19.260	ng/ul 97
14) Acetophenone	8.45	105	269745	21.963	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.43	70	140008	22.683	ng/ul 98
16) 4-Methylphenol	8.41	108	182063	22.023	ng/ul 100
17) Hexachloroethane	8.68	117	67456	19.957	ng/ul 98
20) Nitrobenzene	8.82	77	196769	19.956	ng/ul 96
21) Isophorone	9.34	82	403401	22.176	ng/ul 98
23) 2-Nitrophenol	9.52	139	111338	22.399	ng/ul 95
24) 2,4-Dimethylphenol	9.60	107	202496	20.660	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.82	93	237994	20.792	ng/ul 99
27) 2,4-Dichlorophenol	10.06	162	179940	21.394	ng/ul 94
28) Naphthalene	10.45	128	571359	20.243	ng/ul 99
30) 4-Chloroaniline	10.57	127	229892	22.902	ng/ul 100
31) Hexachlorobutadiene	10.72	225	103088	19.188	ng/ul 94
32) Caprolactam	11.34	113	69548	26.922	ng/ul 97
33) 4-Chloro-3-methylphenol	11.72	107	197804	23.064	ng/ul 95
34) 2-Methylnaphthalene	12.06	142	422773	21.429	ng/ul 98

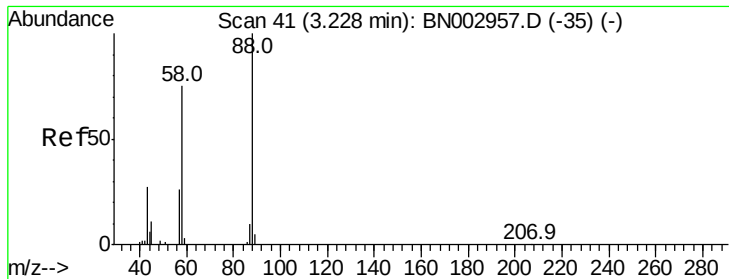
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	213684	18.814	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	99091	19.496	ng/ul	97
38) 2,4,6-Trichlorophenol	12.70	196	153195	21.142	ng/ul	97
39) 2,4,5-Trichlorophenol	12.78	196	160587	21.161	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	542729	19.273	ng/ul	100
41) 2-Chloronaphthalene	13.13	162	423071	19.148	ng/ul	98
42) 2-Nitroaniline	13.35	65	132407	21.583	ng/ul	93
44) Dimethylphthalate	13.73	163	560259	21.449	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	120969	22.988	ng/ul	96
47) Acenaphthylene	13.99	152	664080	20.228	ng/ul	99
48) 3-Nitroaniline	14.19	138	123060	23.983	ng/ul	93
49) Acenaphthene	14.33	153	464004	19.952	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	38964	14.005	ng/ul#	89
52) 4-Nitrophenol	14.53	109	50670	16.456	ng/ul	86
53) Dibenzofuran	14.67	168	649125	20.300	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	174573	23.450	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.91	232	133435	22.213	ng/ul	94
56) Diethylphthalate	15.10	149	567712	22.185	ng/ul	99
58) Fluorene	15.32	166	538662	21.030	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	269297	21.026	ng/ul	97
60) 4-Nitroaniline	15.36	138	126844	23.317	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.43	198	70734	14.419	ng/ul#	91
64) N-Nitrosodiphenylamine	15.53	169	475789	19.743	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	168561	19.796	ng/ul	98
66) Hexachlorobenzene	16.33	284	190139	20.442	ng/ul	98
67) Atrazine	16.50	200	179636	21.793	ng/ul	99
68) Pentachlorophenol	16.69	266	75427	17.411	ng/ul	97
69) Phenanthrene	17.06	178	854656	19.973	ng/ul	99
71) Anthracene	17.16	178	882755	20.347	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	229334	17.285	ng/ul	99
73) Pentachlorobenzene	14.59	250	219151	18.499	ng/ul	98
74) Carbazole	17.43	167	798574	21.449	ng/ul	98
75) Di-n-butylphthalate	17.99	149	1146285	25.660	ng/ul	100
76) Fluoranthene	19.09	202	987258	21.629	ng/ul	99
79) Pvrene	19.46	202	989977	18.951	ng/ul	99
80) Butylbenzylphthalate	20.36	149	471013	21.669	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.15	252	327798	20.544	ng/ul	98
82) Benzo(a)anthracene	21.21	228	975856	19.855	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	674083	21.361	ng/ul	99
84) Chrysene	21.26	228	916004	19.884	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	1149731	24.935	ng/ul#	94
87) Benzo(b)fluoranthene	22.78	252	882823	20.722	ng/ul	98
88) Benzo(k)fluoranthene	22.82	252	872366	21.949	ng/ul	99
90) Benzo(a)pyrene	23.34	252	814547	20.224	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.64	276	739854	15.516	ng/ul	97
92) Dibenzo(a,h)anthracene	25.65	278	627230	15.612	ng/ul	97
93) Benzo(g,h,i)perylene	26.32	276	599458	15.039	ng/ul	98

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



#2

1,4-Dioxane

Concen: 7.257 ng/uL

RT: 3.23 min Scan# 41

Delta R.T. 0.00 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

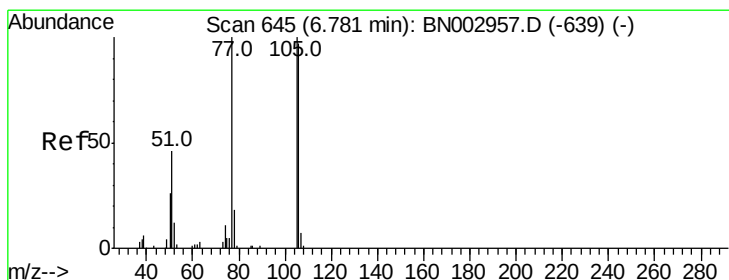
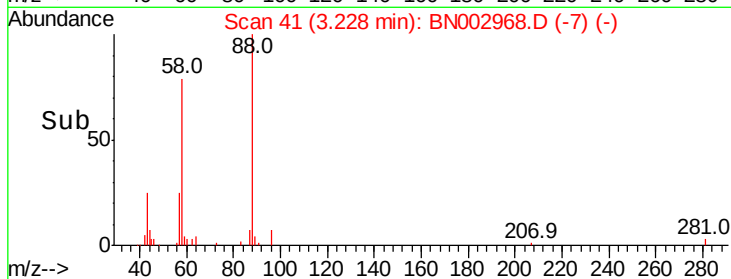
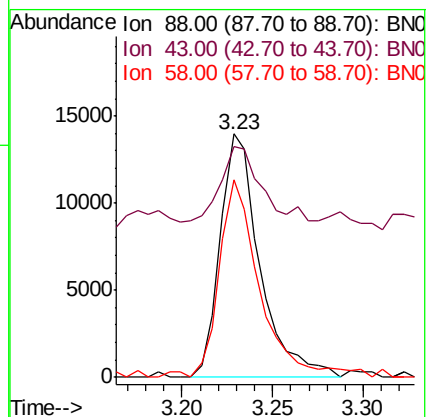
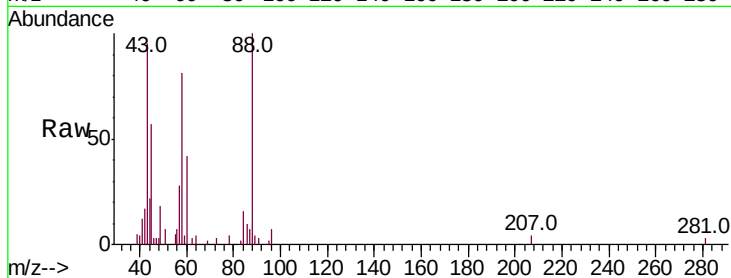
Tot Ion: 88 Resp: 21317

Ion Ratio Lower Upper

88 100

43 29.7 25.7 38.5

58 79.7 67.4 101.0



#4

Benzaldehyde

Concen: 24.543 ng/uL

RT: 6.78 min Scan# 645

Delta R.T. 0.00 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

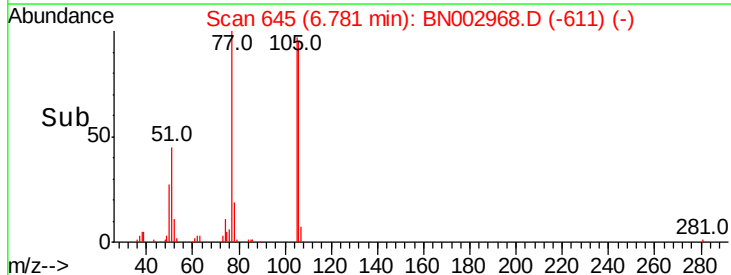
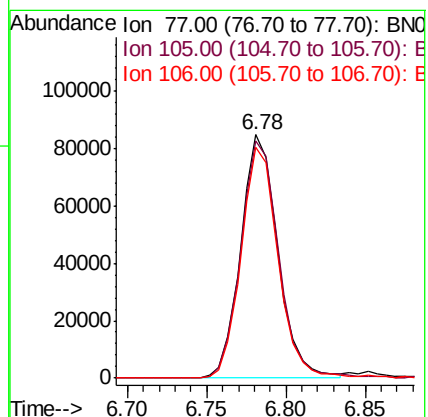
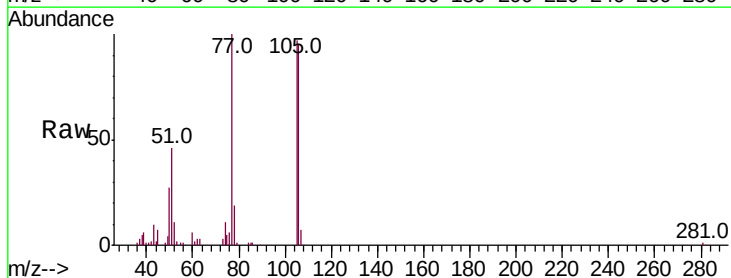
Tgt Ion: 77 Resp: 138111

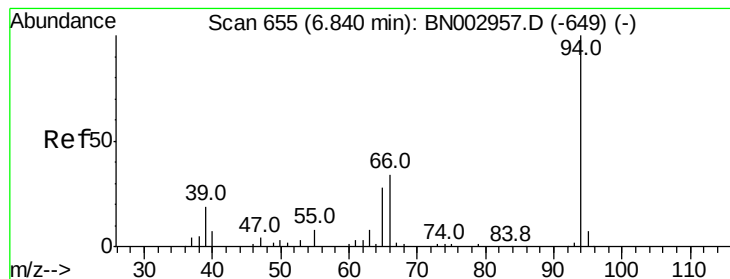
Ion Ratio Lower Upper

77 100

105 97.2 76.2 114.4

106 95.1 74.2 111.2





#6

Phenol

Concen: 20.867 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

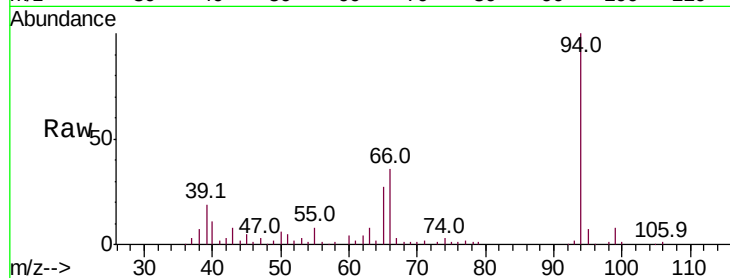
Tot Ion: 94 Resp: 216582

Ion Ratio Lower Upper

94 100

65 27.3 23.1 34.7

66 35.6 29.8 44.6



Abundance Ion 94.00 (93.70 to 94.70): BN002957.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BN002957.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BN002957.D (-649) (-)

6.85

150000

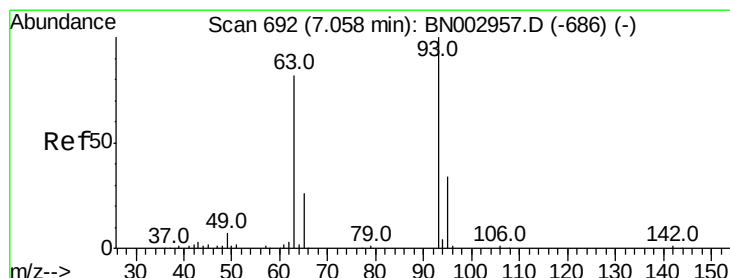
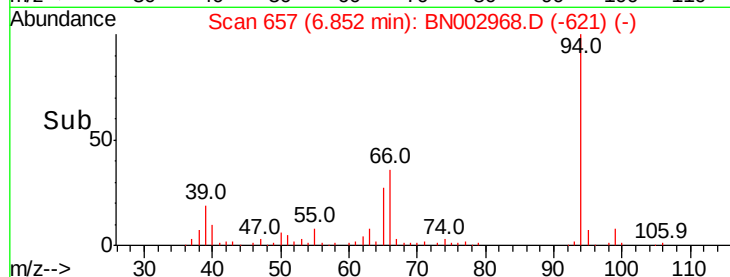
100000

50000

0

6.80 6.85 6.90 6.95

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 20.452 ng/ul

RT: 7.06 min Scan# 692

Delta R.T. 0.00 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

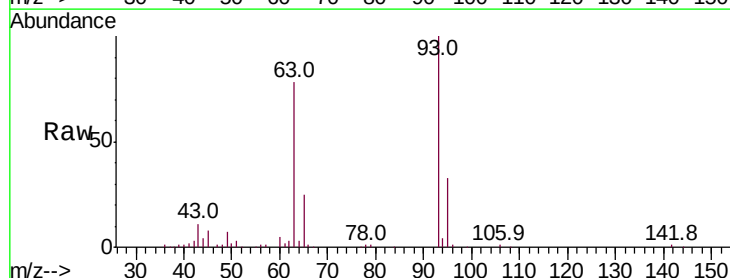
Tgt Ion: 93 Resp: 163275

Ion Ratio Lower Upper

93 100

63 78.0 64.2 96.4

95 32.5 26.8 40.2



Abundance Ion 93.00 (92.70 to 93.70): BN002957.D (-686) (-)

Ion 63.00 (62.70 to 63.70): BN002957.D (-686) (-)

Ion 95.00 (94.70 to 95.70): BN002957.D (-686) (-)

7.06

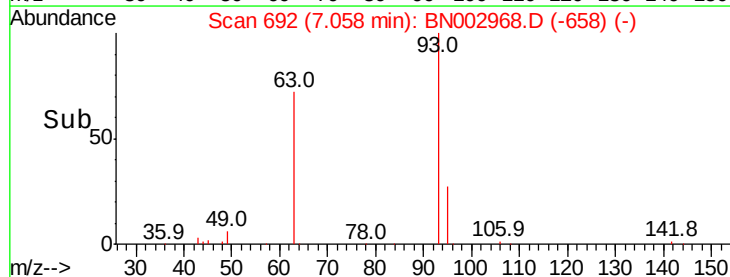
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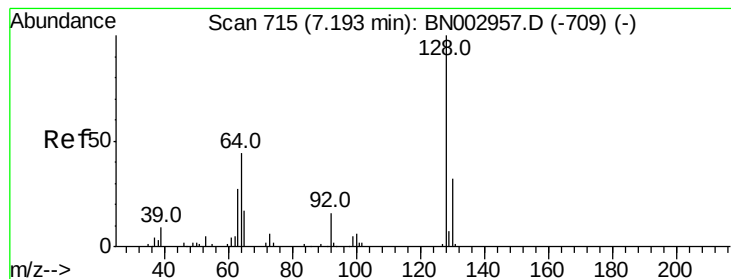
50000

0

7.00 7.05 7.10

Time-->





#10

2-Chlorophenol

Concen: 20.752 ng/ul

RT: 7.20 min Scan# 716

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampled :

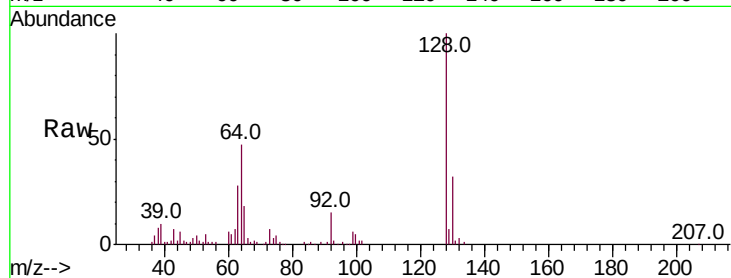
Tot Ion:128 Resp: 174473

Ion Ratio Lower Upper

128 100

64 47.3 40.4 60.6

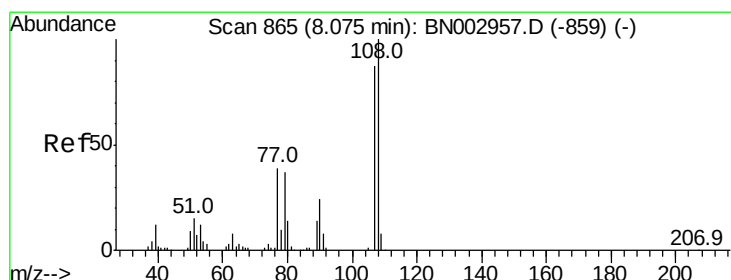
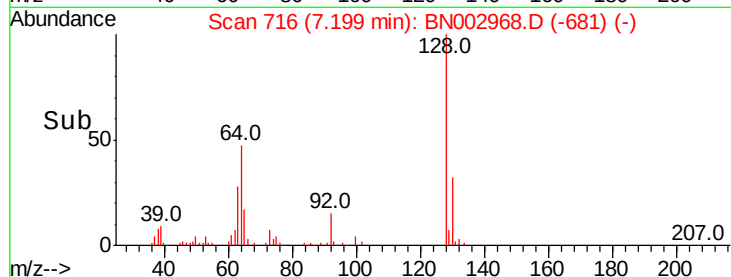
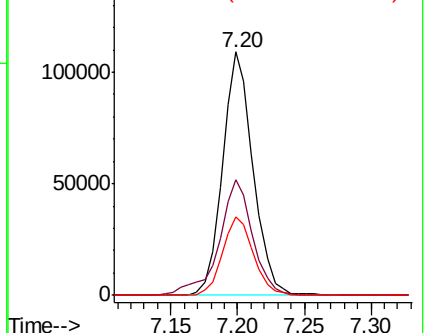
130 32.0 26.8 40.2



Abundance Ion 128.00 (127.70 to 128.70): E

150000 Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.649 ng/ul

RT: 8.08 min Scan# 866

Delta R.T. 0.01 min

Lab File: BN002968.D

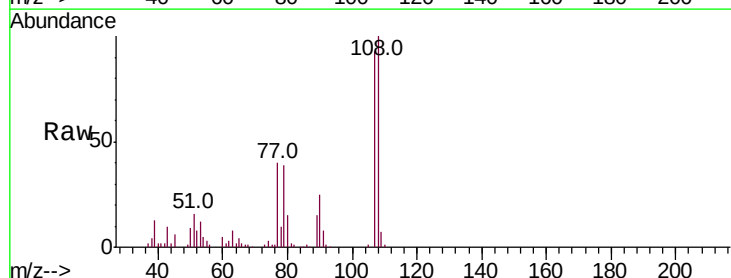
Acq: 05 Oct 2018 18:24

Tgt Ion:108 Resp: 168736

Ion Ratio Lower Upper

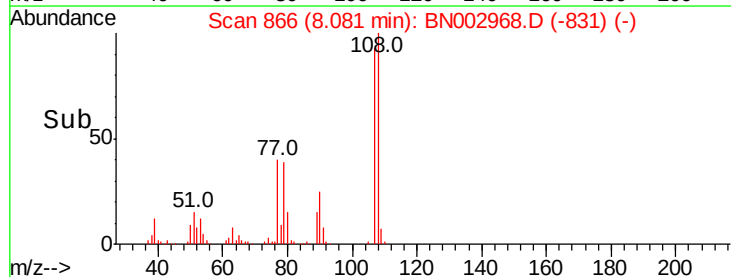
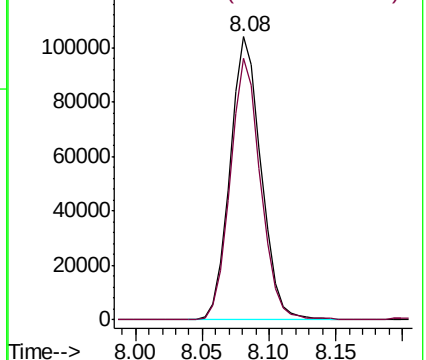
108 100

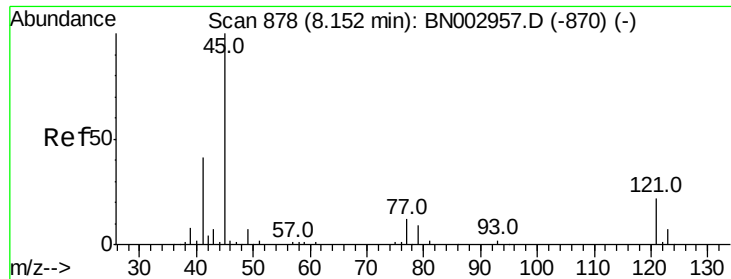
107 92.6 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E

120000 Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 19.260 ng/ul

RT: 8.15 min Scan# 877

Delta R.T. -0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

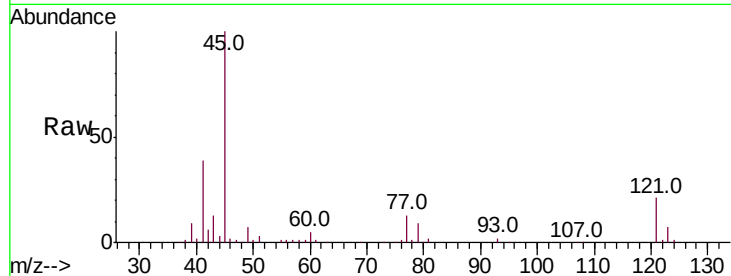
Tot Ion: 45 Resp: 240818

Ion Ratio Lower Upper

45 100

77 12.7 11.3 16.9

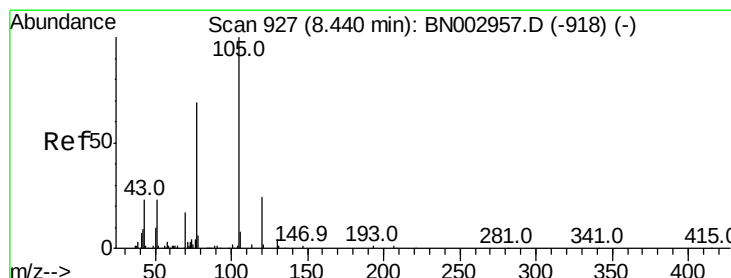
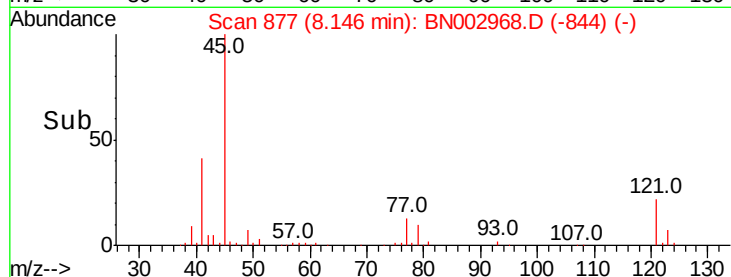
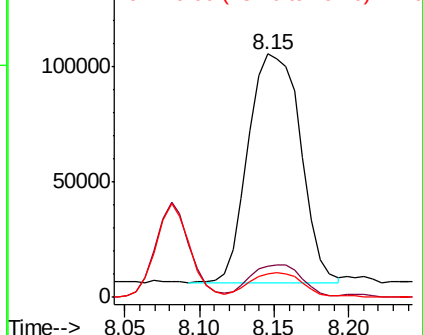
79 9.4 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): BN002957.D (-870) (-)

Ion 77.00 (76.70 to 77.70): BN002957.D (-870) (-)

Ion 79.00 (78.70 to 79.70): BN002957.D (-870) (-)



#14

Acetophenone

Concen: 21.963 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

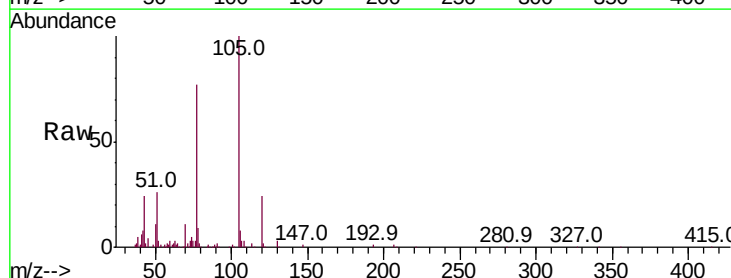
Tgt Ion:105 Resp: 269745

Ion Ratio Lower Upper

105 100

77 76.7 62.9 94.3

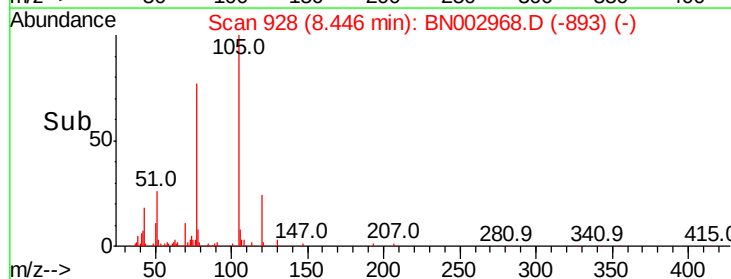
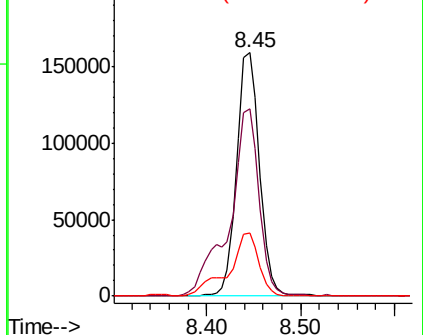
51 26.1 21.9 32.9

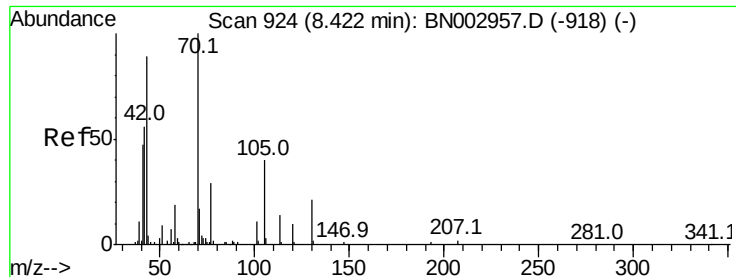


Abundance Ion 105.00 (104.70 to 105.70): BN002957.D (-918) (-)

Ion 77.00 (76.70 to 77.70): BN002957.D (-918) (-)

Ion 51.00 (50.70 to 51.70): BN002957.D (-918) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 22.683 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 140008

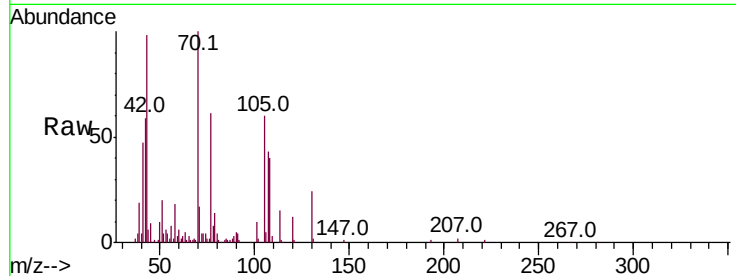
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.7	71.5
101	10.1	8.0	12.0
130	23.6	16.0	24.0

70 100

42 59.0 47.7 71.5

101 10.1 8.0 12.0

130 23.6 16.0 24.0

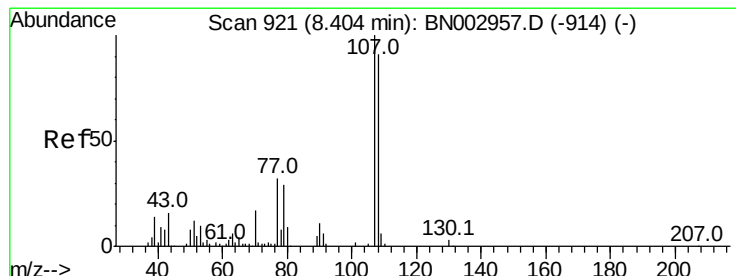
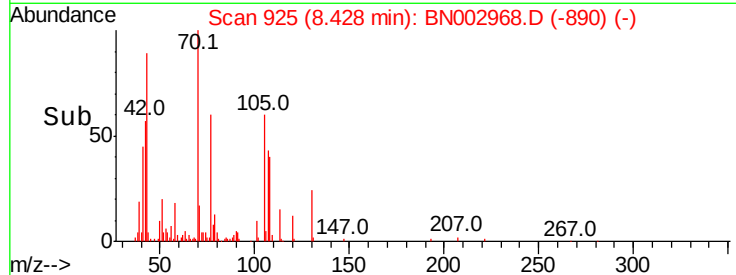
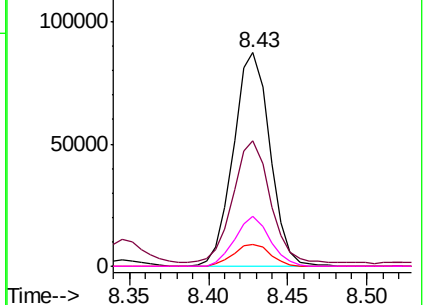


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 22.023 ng/ul

RT: 8.41 min Scan# 922

Delta R.T. 0.01 min

Lab File: BN002968.D

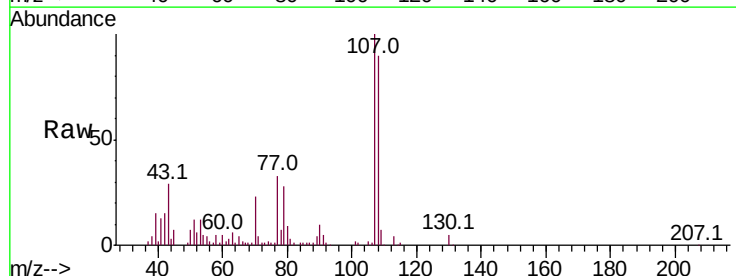
Acq: 05 Oct 2018 18:24

Tgt Ion: 108 Resp: 182063

Ion	Ratio	Lower	Upper
108	100		
107	111.5	89.2	133.8

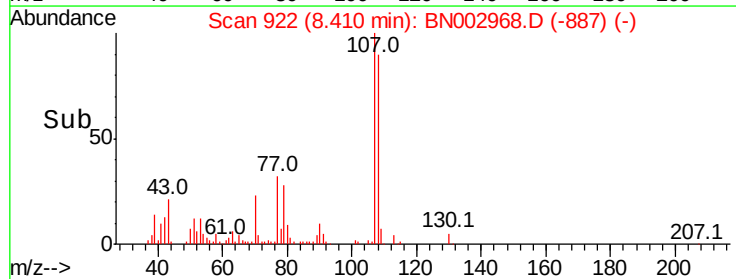
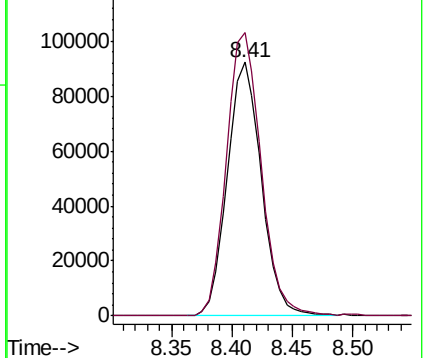
108 100

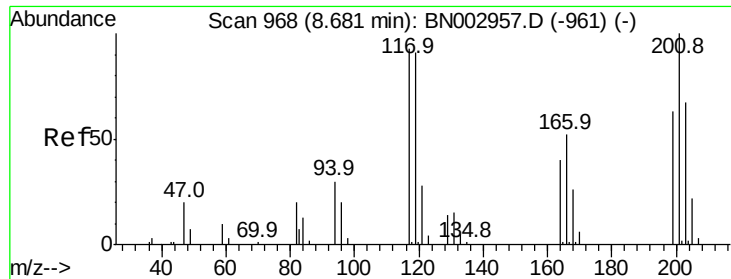
107 111.5 89.2 133.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

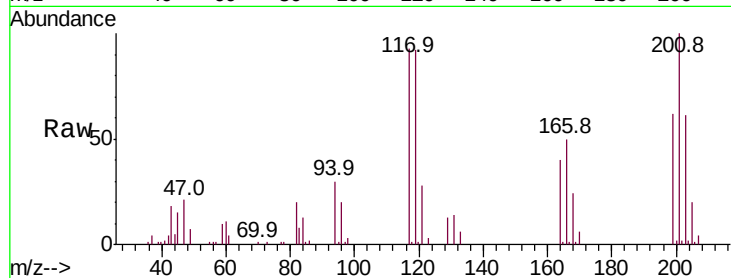




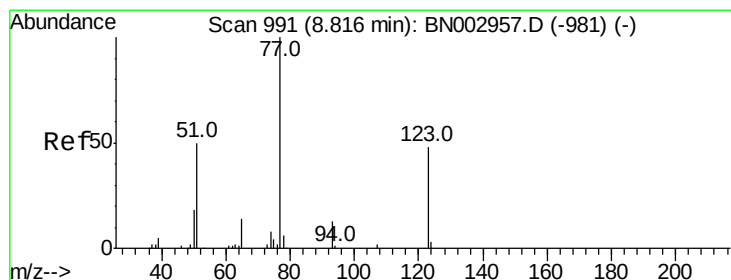
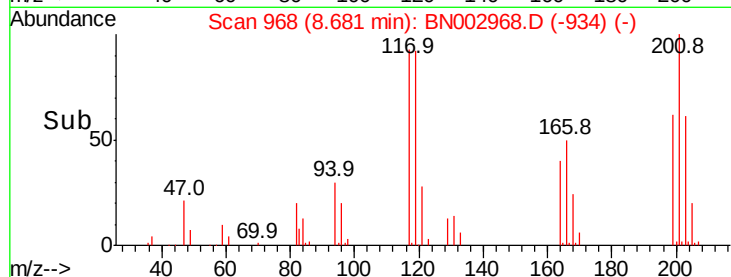
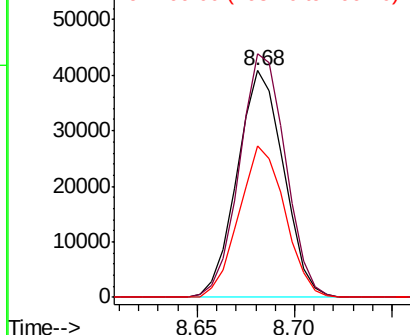
#17
Hexachloroethane
Concen: 19.957 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.00 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:117 Resp: 67456
Ion Ratio Lower Upper
117 100
201 107.6 84.5 126.7
199 66.8 51.8 77.8

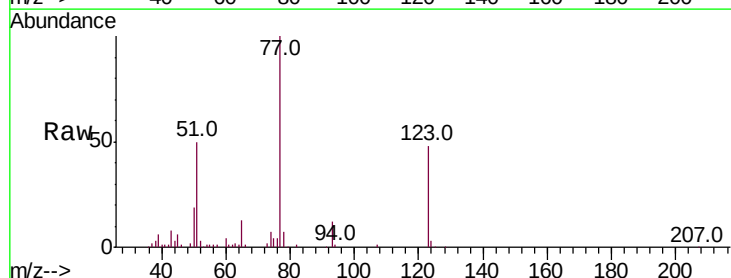


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

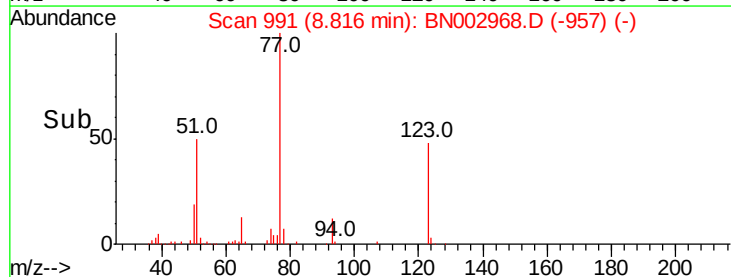
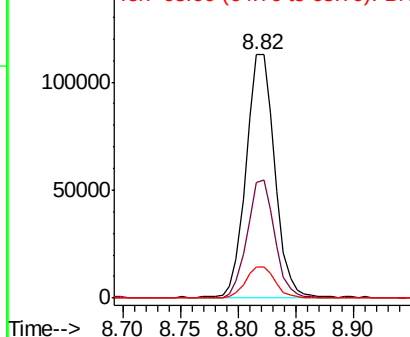


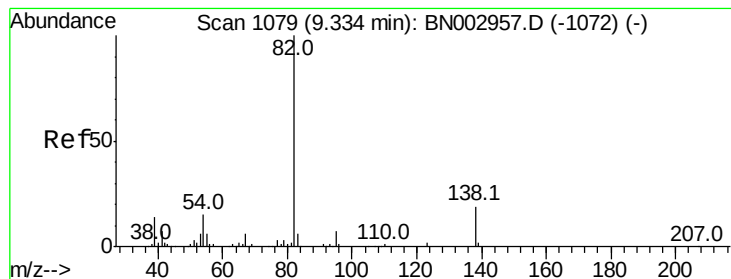
#20
Nitrobenzene
Concen: 19.956 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion: 77 Resp: 196769
Ion Ratio Lower Upper
77 100
123 47.5 35.8 53.8
65 13.0 11.1 16.7



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





#21

Isophorone

Concen: 22.176 ng/ul

RT: 9.34 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

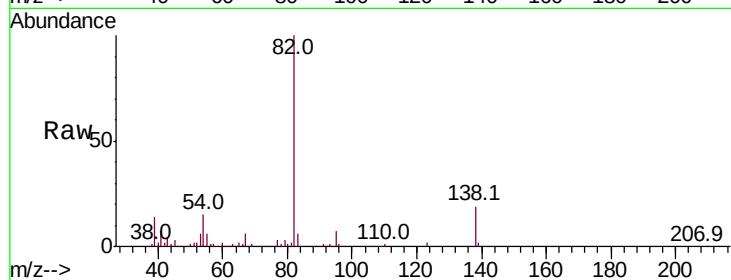
Tot Ion: 82 Resp: 403401

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

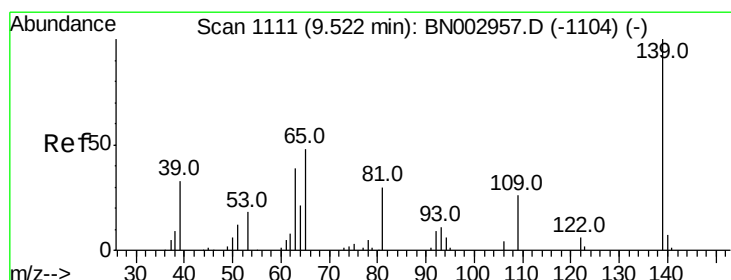
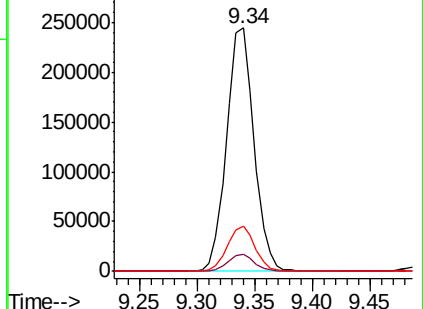
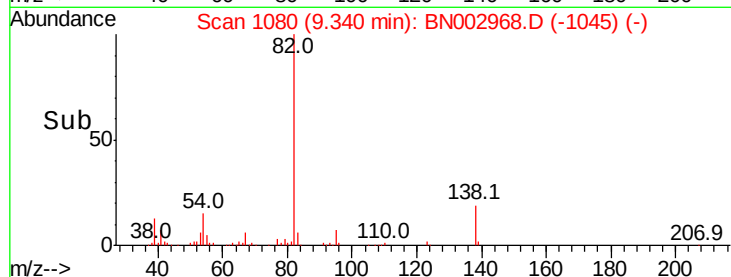
138 18.6 14.1 21.1



Abundance Ion 82.00 (81.70 to 82.70): BN002957.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BN002957.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BN002957.D (-1072) (-)



#23

2-Nitrophenol

Concen: 22.399 ng/ul

RT: 9.52 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

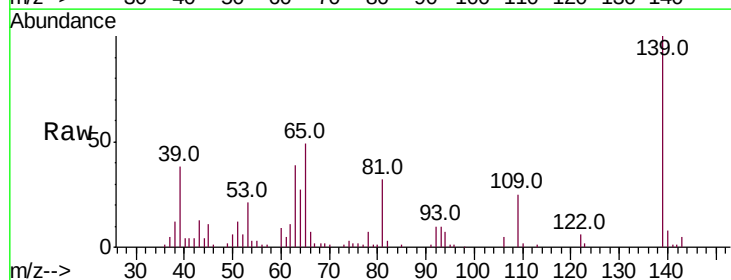
Tgt Ion:139 Resp: 111338

Ion Ratio Lower Upper

139 100

65 49.1 42.0 63.0

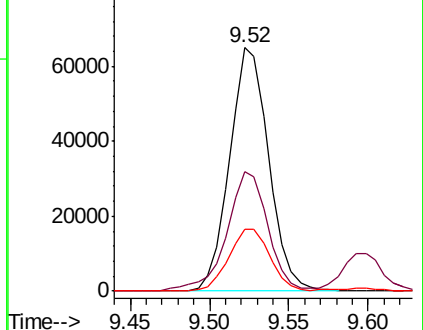
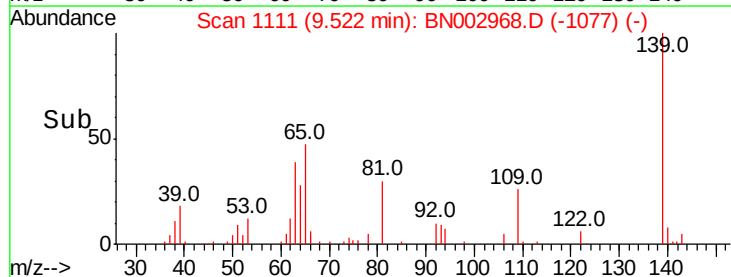
109 25.3 22.0 33.0

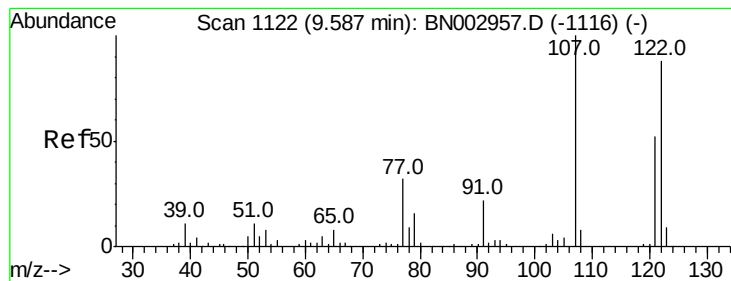


Abundance Ion 139.00 (138.70 to 139.70): BN002957.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BN002957.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BN002957.D (-1104) (-)





#24

2,4-Dimethylphenol

Concen: 20.660 ng/ul

RT: 9.60 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

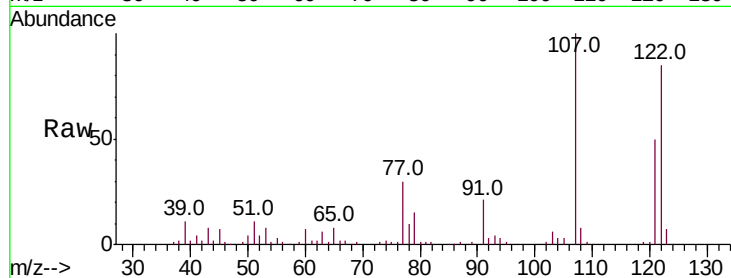
Tot Ion:107 Resp: 202496

Ion Ratio Lower Upper

107 100

121 50.3 38.6 57.8

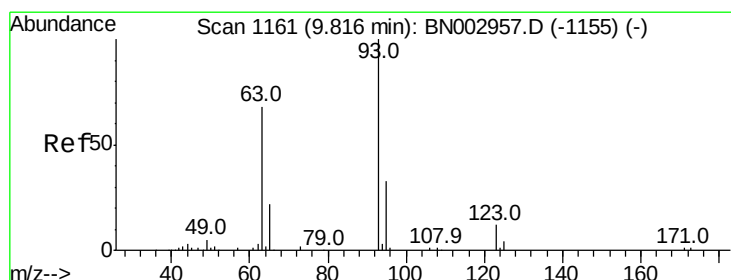
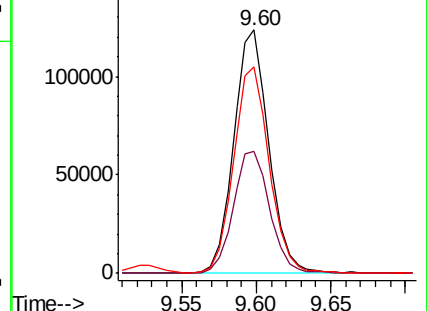
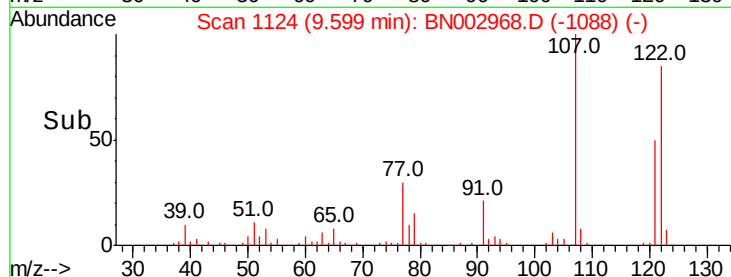
122 84.7 67.8 101.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.792 ng/ul

RT: 9.82 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

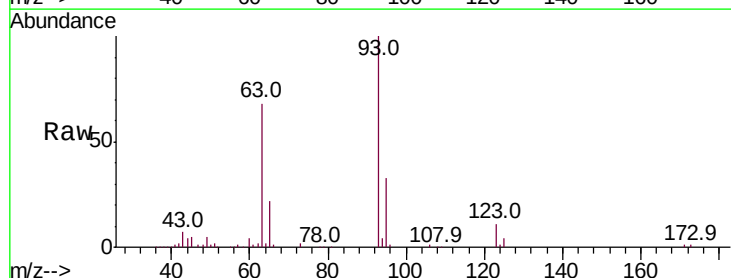
Tgt Ion: 93 Resp: 237994

Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.2

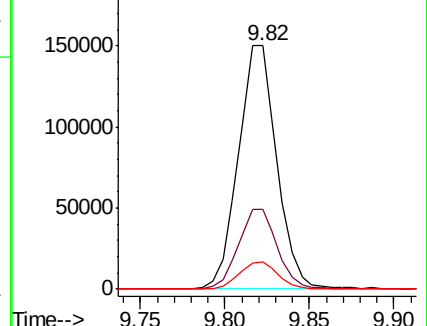
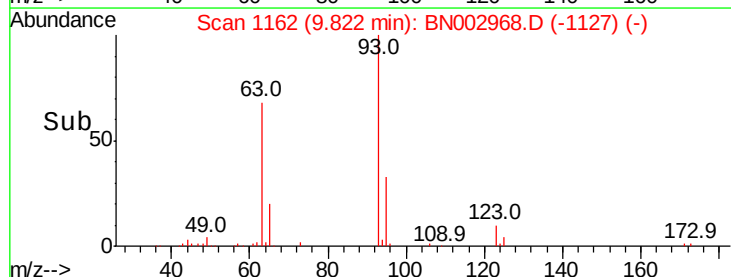
123 11.2 9.1 13.7

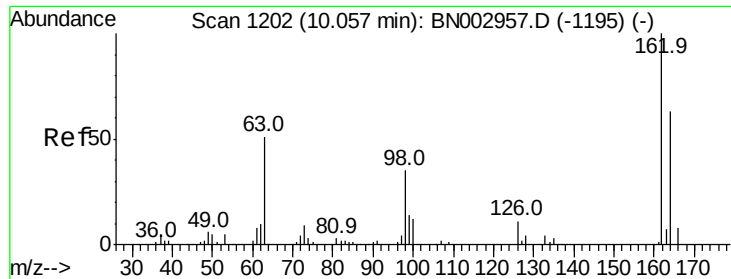


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

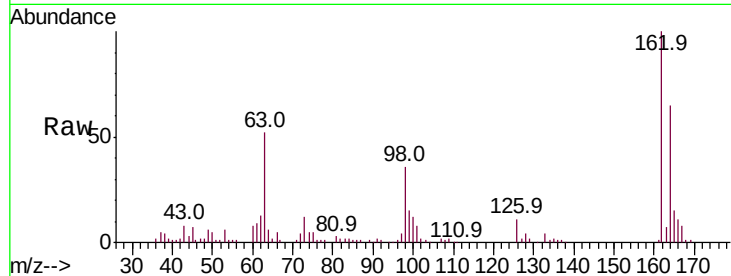




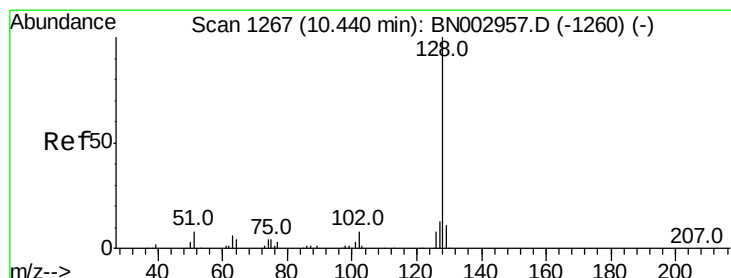
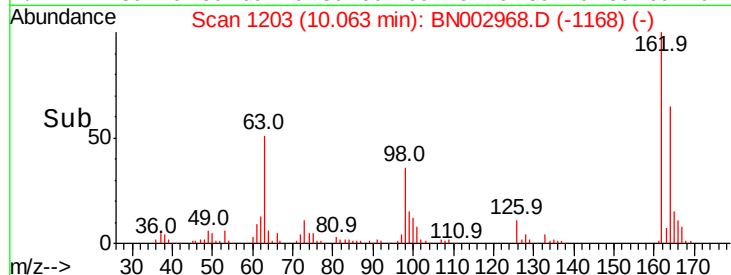
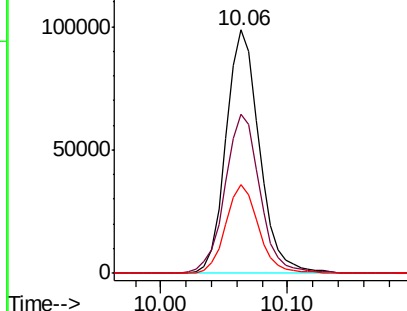
#27
2,4-Dichlorophenol
Concen: 21.394 ng/ul
RT: 10.06 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:162 Resp: 179940
Ion Ratio Lower Upper
162 100
164 65.4 48.6 73.0
98 36.2 26.6 40.0

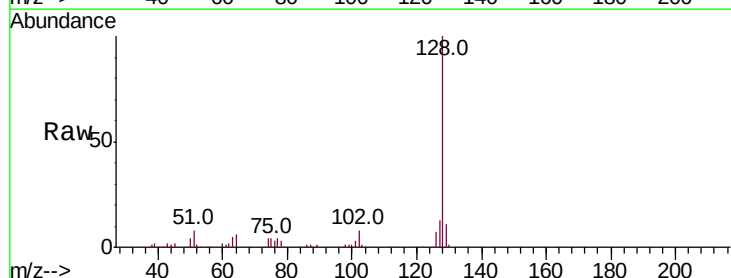


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO

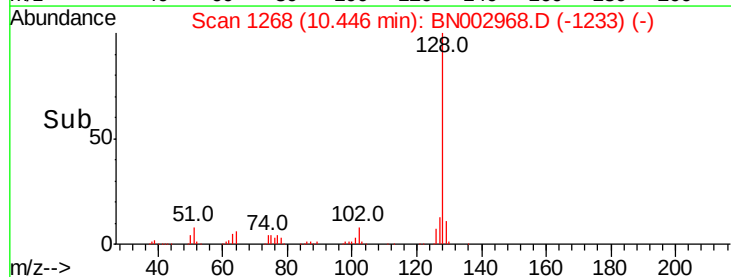
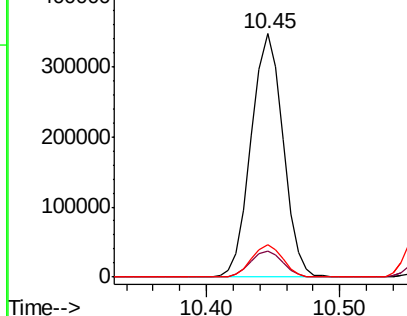


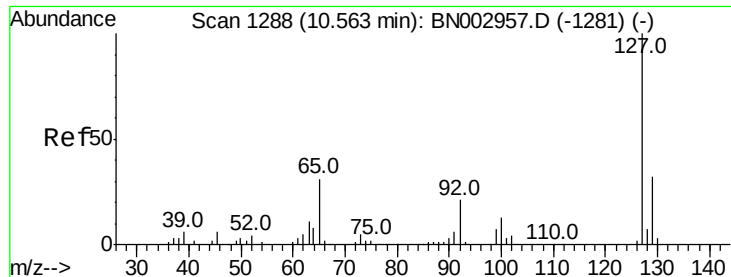
#28
Naphthalene
Concen: 20.243 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion:128 Resp: 571359
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.3 10.5 15.7



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

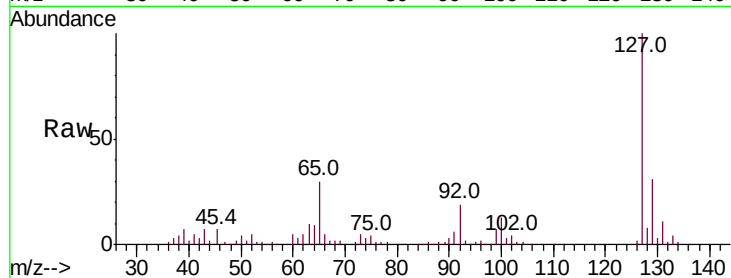




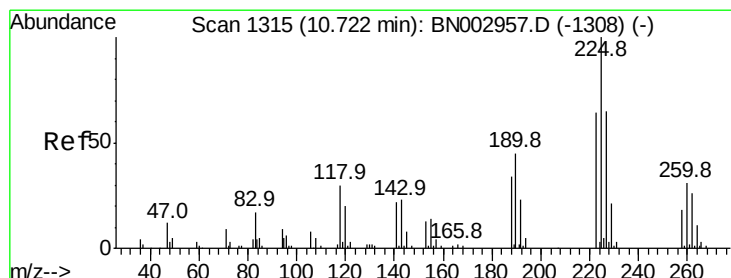
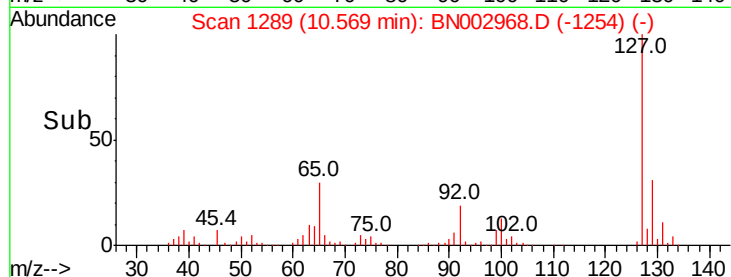
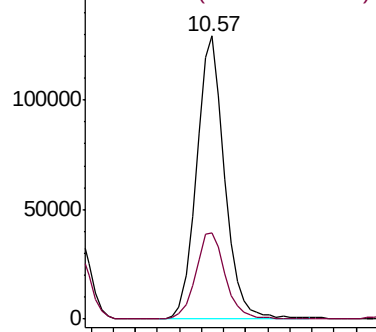
#30
4-Chloroaniline
Concen: 22.902 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:127 Resp: 229892
Ion Ratio Lower Upper
127 100
129 30.7 24.5 36.7

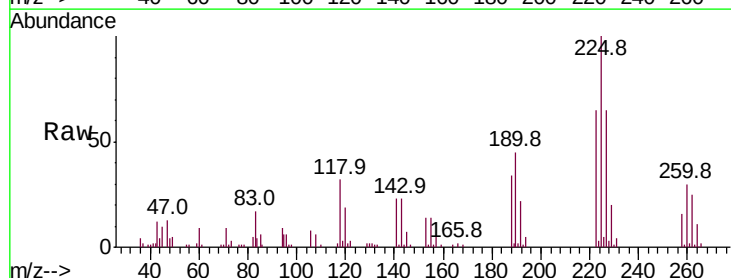


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

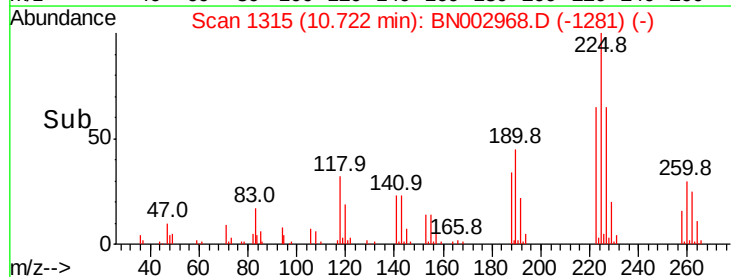
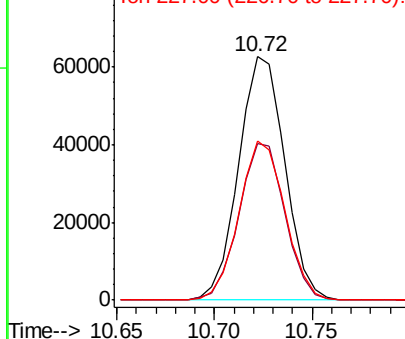


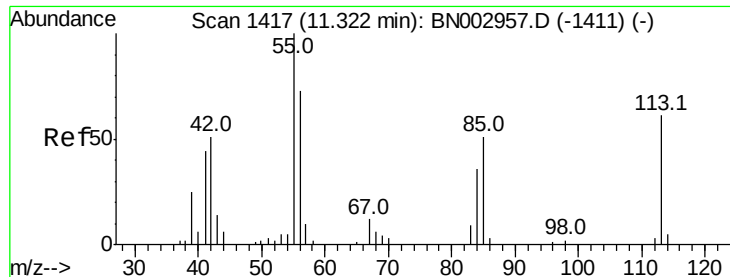
#31
Hexachlorobutadiene
Concen: 19.188 ng/ul
RT: 10.72 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion:225 Resp: 103088
Ion Ratio Lower Upper
225 100
223 64.5 48.2 72.2
227 65.1 48.8 73.2



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





#32

Caprolactam

Concen: 26.922 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. 0.02 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

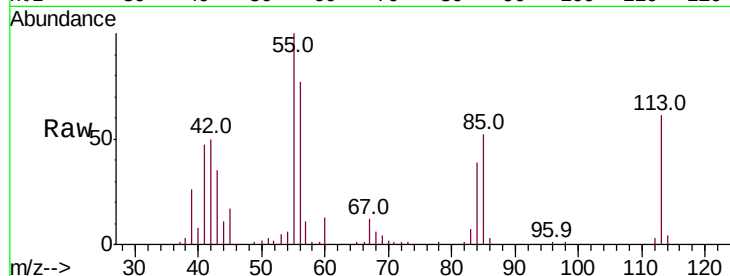
Tot Ion:113 Resp: 69548

Ion Ratio Lower Upper

113 100

55 164.9 137.0 205.4

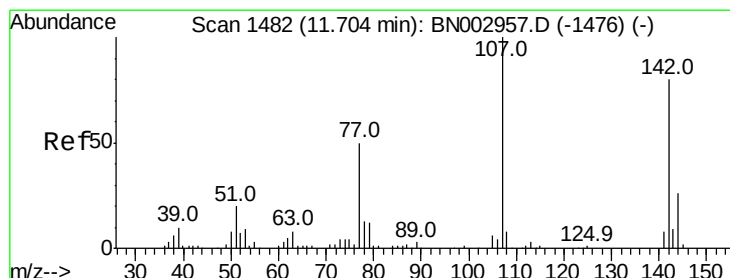
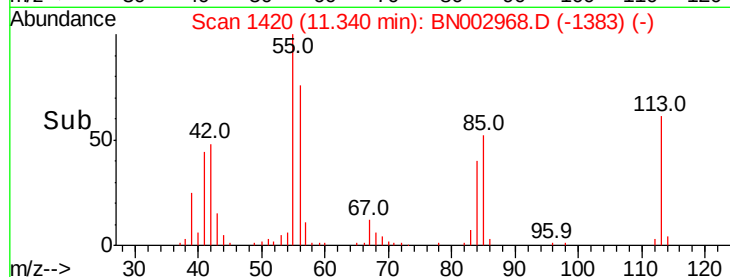
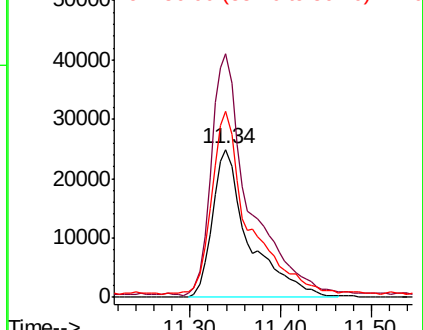
56 126.3 102.4 153.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 23.064 ng/ul

RT: 11.72 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

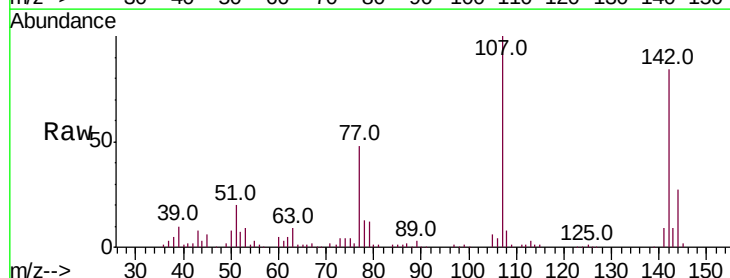
Tgt Ion:107 Resp: 197804

Ion Ratio Lower Upper

107 100

144 26.7 20.2 30.4

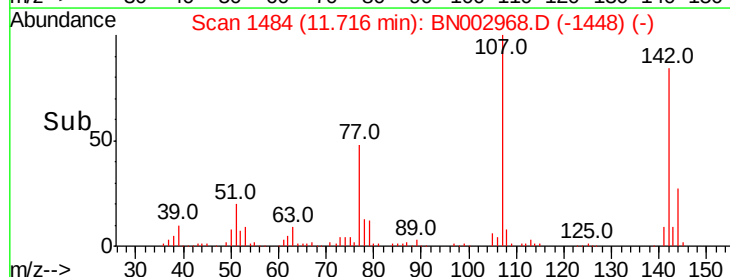
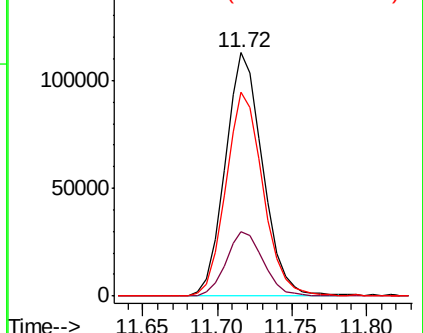
142 83.7 62.9 94.3

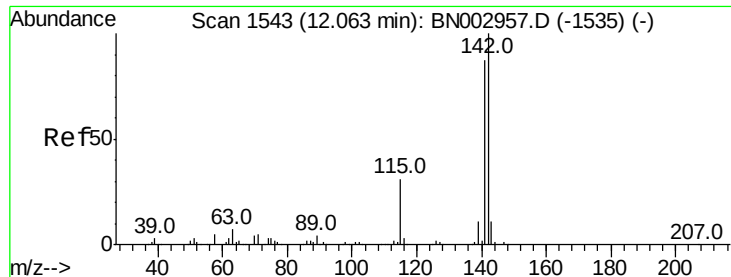


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 21.429 ng/ul

RT: 12.06 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

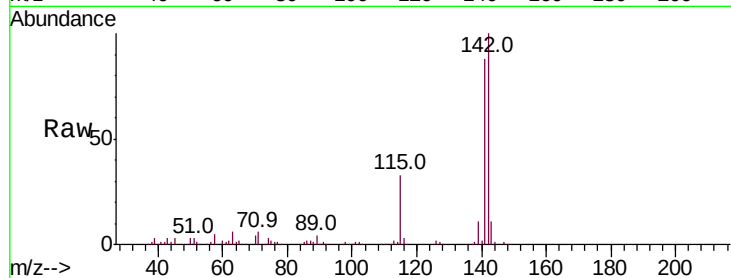
ClientSampleId :

Tot Ion:142 Resp: 422773

Ion Ratio Lower Upper

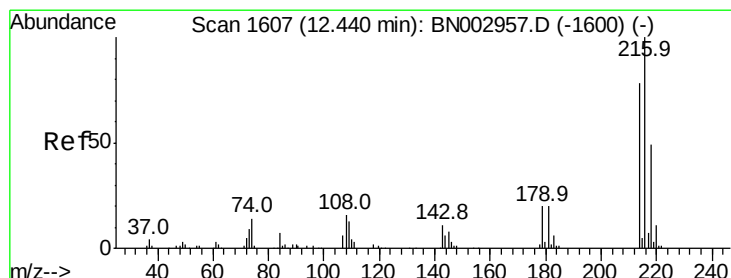
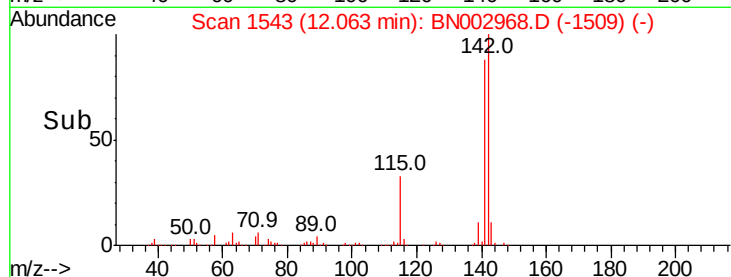
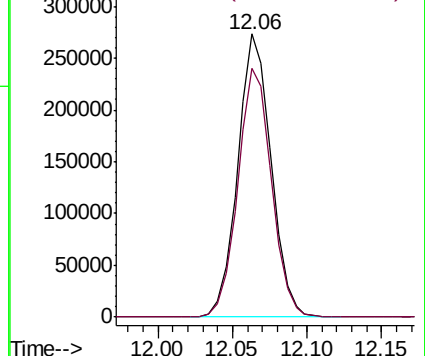
142 100

141 87.9 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.814 ng/ul

RT: 12.45 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Tgt Ion:216 Resp: 213684

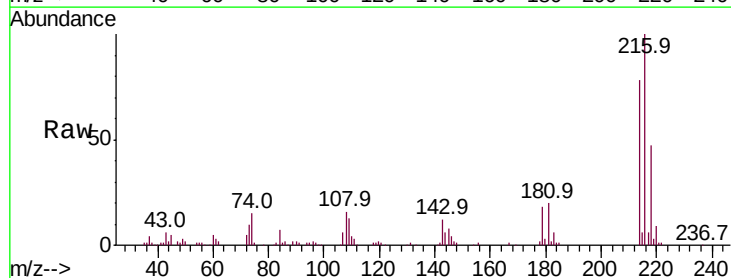
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 18.0 16.5 24.7

108 16.3 13.4 20.2

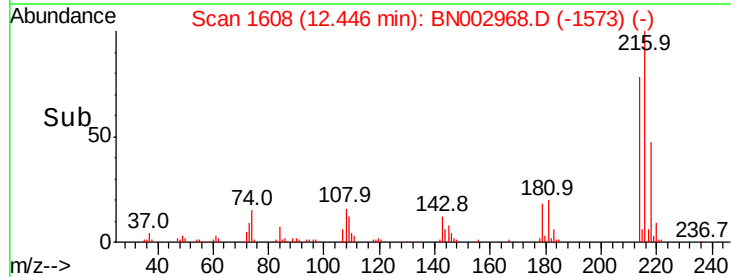
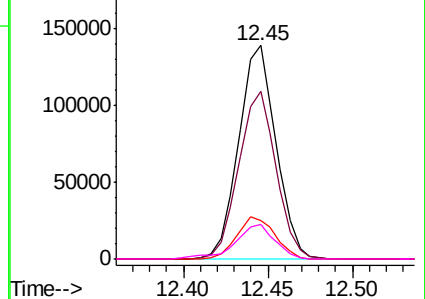


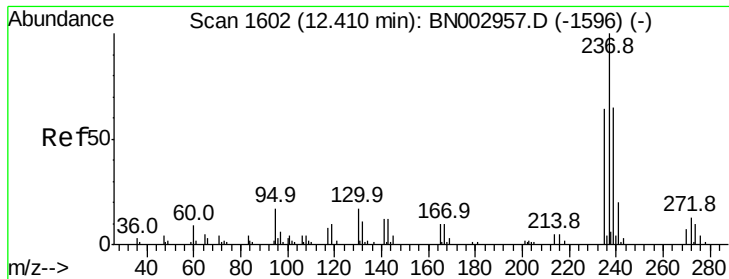
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

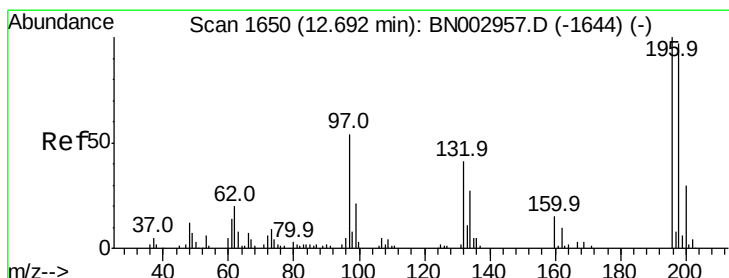
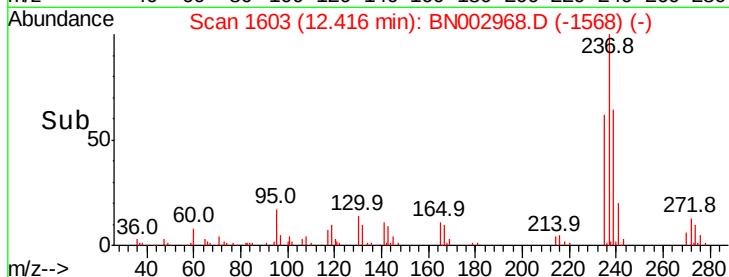
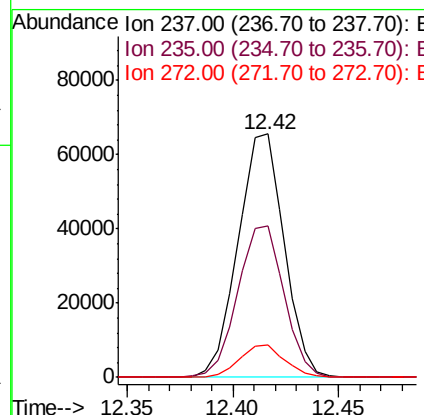
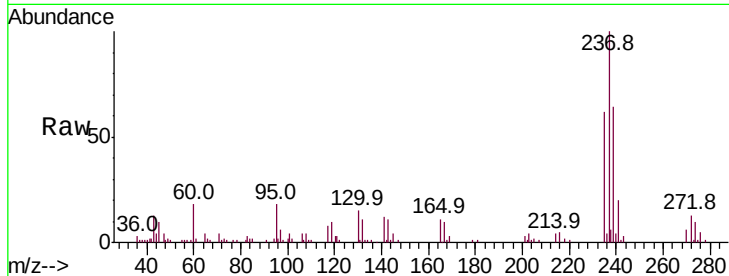




#37
Hexachlorocyclopentadiene
Concen: 19.496 ng/ul
RT: 12.42 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

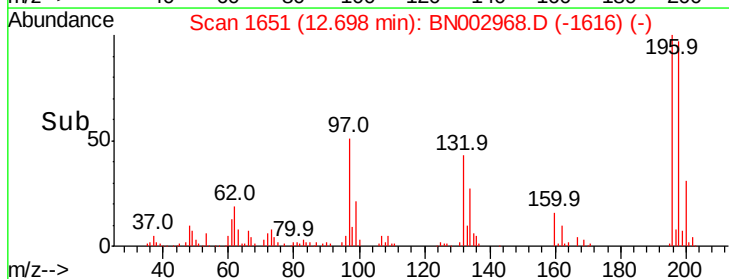
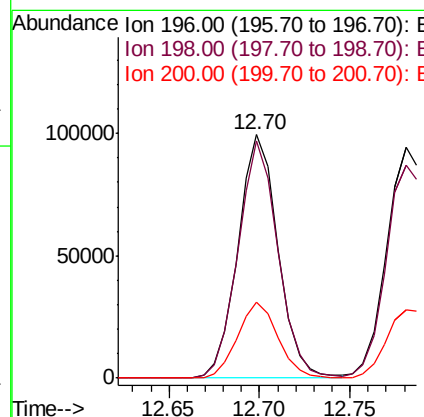
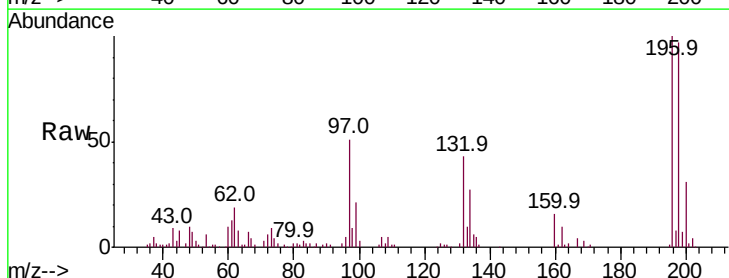
Instrument :
BNA_N
ClientSampled :

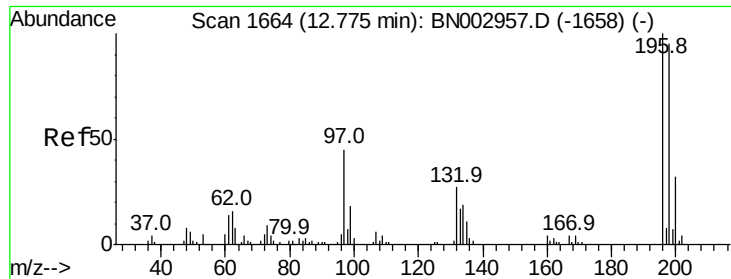
Tot Ion:237 Resp: 99091
Ion Ratio Lower Upper
237 100
235 62.1 47.8 71.6
272 13.2 10.3 15.5



#38
2,4,6-Trichlorophenol
Concen: 21.142 ng/ul
RT: 12.70 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion:196 Resp: 153195
Ion Ratio Lower Upper
196 100
198 97.3 75.6 113.4
200 31.3 24.3 36.5

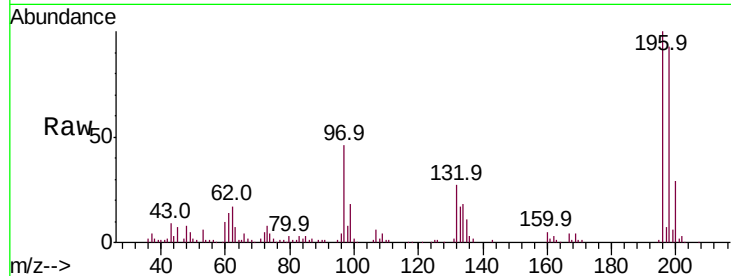




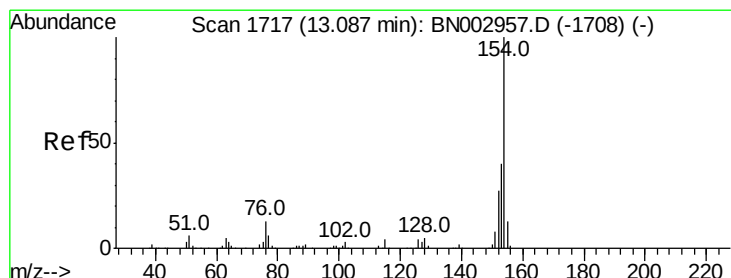
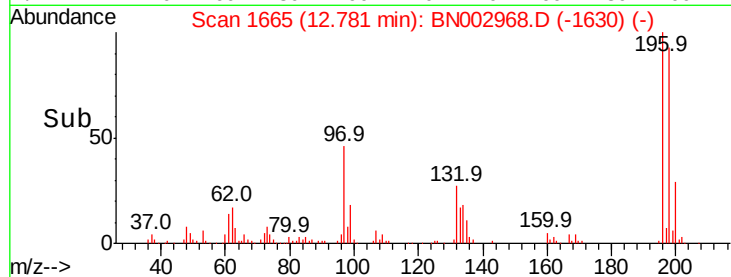
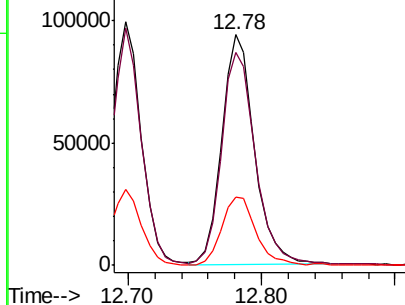
#39
 2,4,5-Trichlorophenol
 Concen: 21.161 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BN002968.D
 Acq: 05 Oct 2018 18:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.6	113.4
200	29.3	23.8	35.8

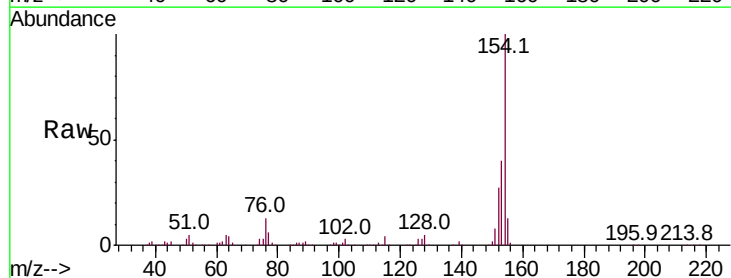


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

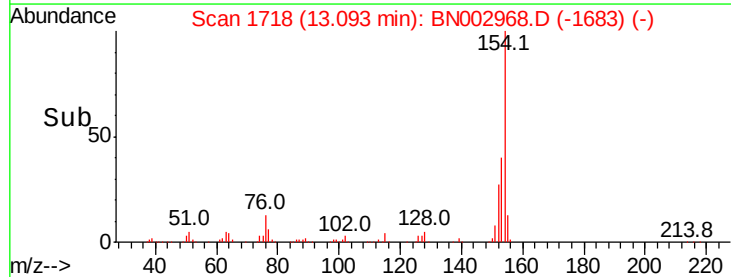
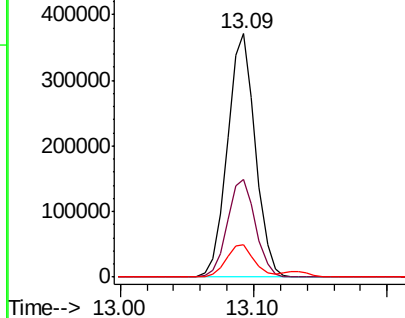


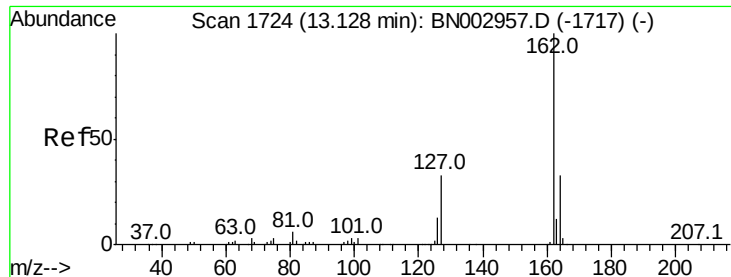
#40
 1,1'-Biphenyl
 Concen: 19.273 ng/ul
 RT: 13.09 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BN002968.D
 Acq: 05 Oct 2018 18:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.1	48.1
76	13.4	10.5	15.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

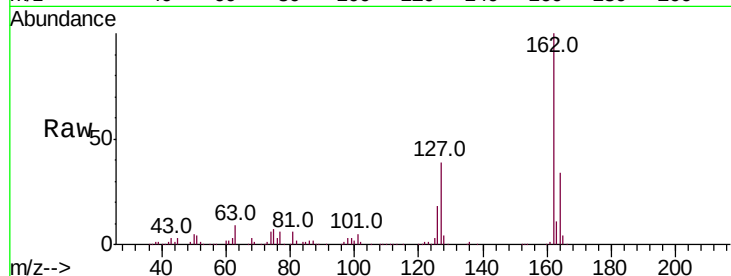




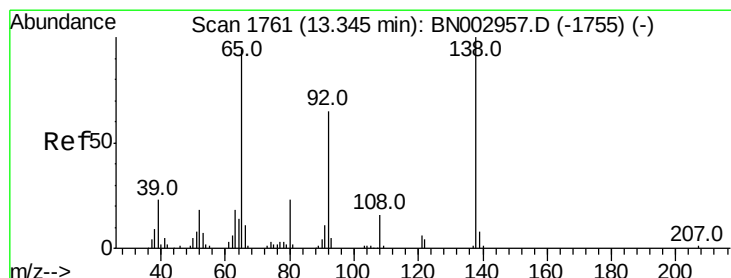
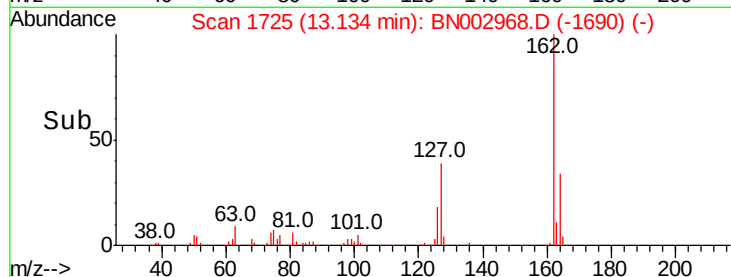
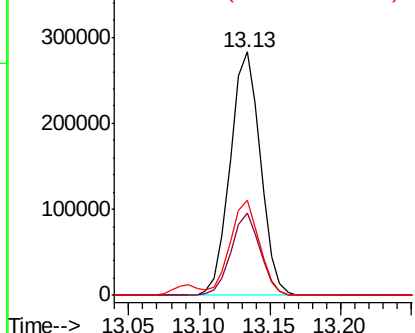
#41
2-Chloronaphthalene
Concen: 19.148 ng/ul
RT: 13.13 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	34.1	25.9	38.9
127	38.8	32.1	48.1

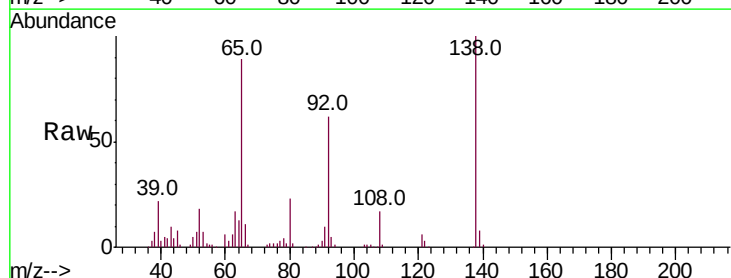


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

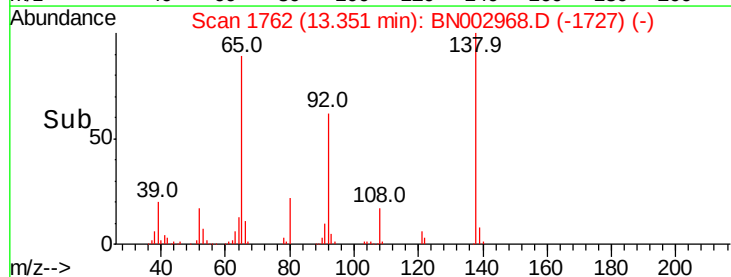
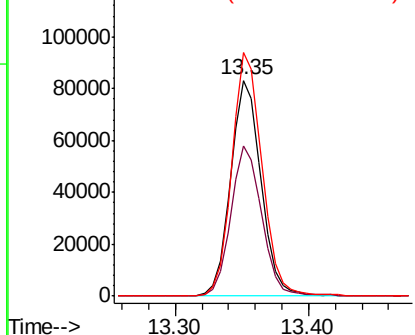


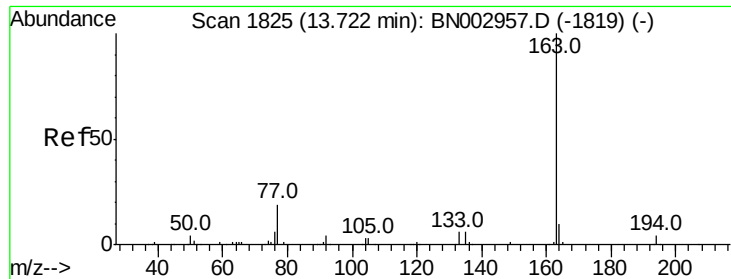
#42
2-Nitroaniline
Concen: 21.583 ng/ul
RT: 13.35 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.8	80.6
138	112.8	82.8	124.2



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





#44

Dimethylphthalate

Concen: 21.449 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampled :

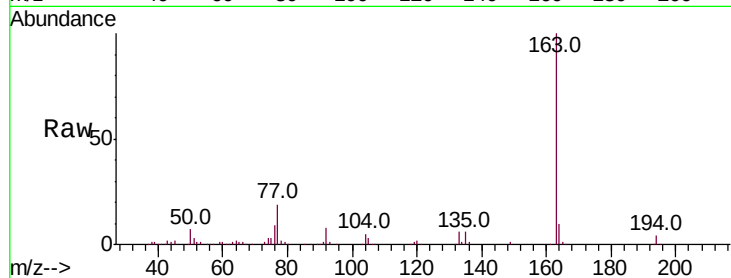
Tot Ion:163 Resp: 560259

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

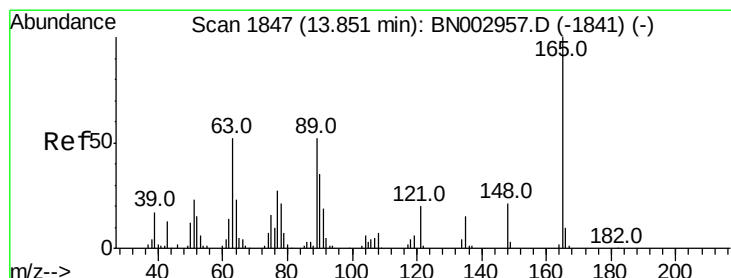
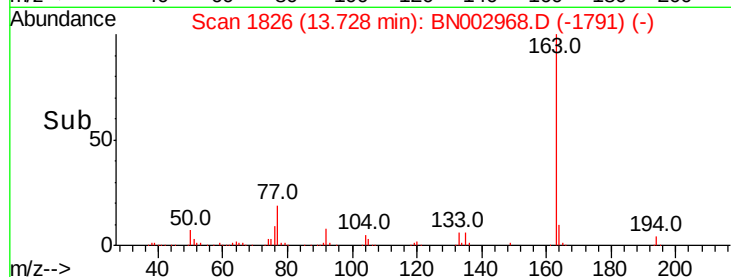
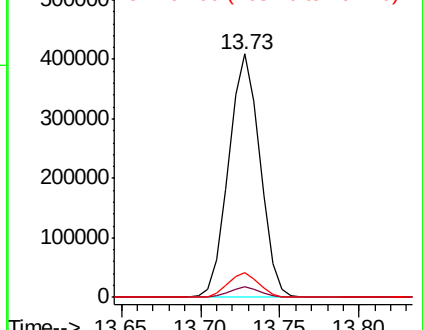
164 10.1 8.1 12.1



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



#45

2,6-Dinitrotoluene

Concen: 22.988 ng/ul

RT: 13.86 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

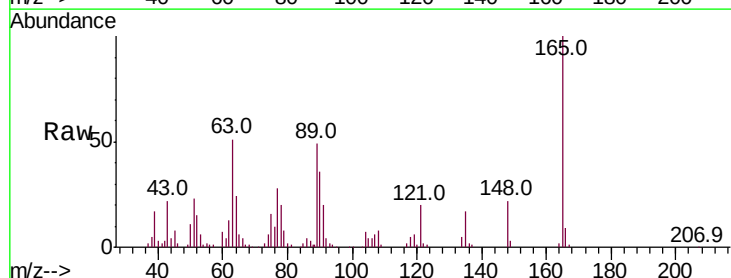
Tgt Ion:165 Resp: 120969

Ion Ratio Lower Upper

165 100

89 49.3 41.7 62.5

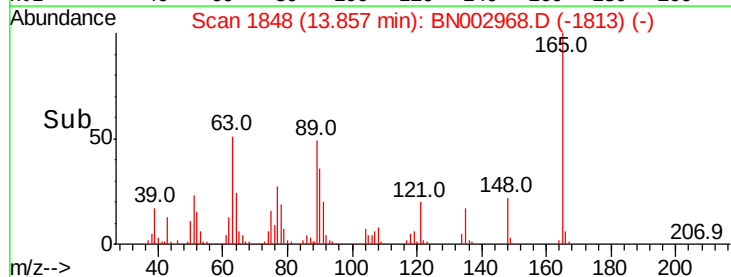
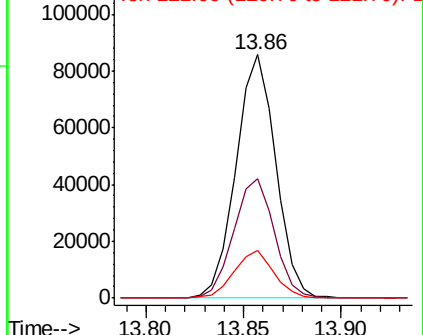
121 19.6 16.6 24.8

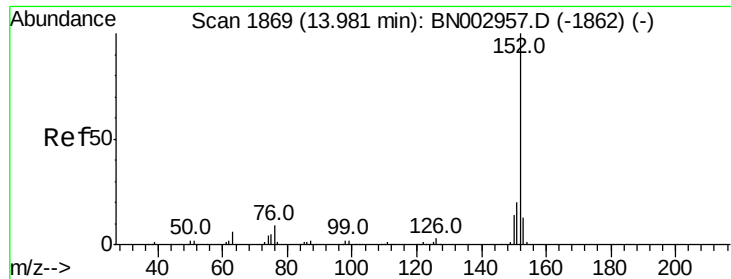


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.228 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

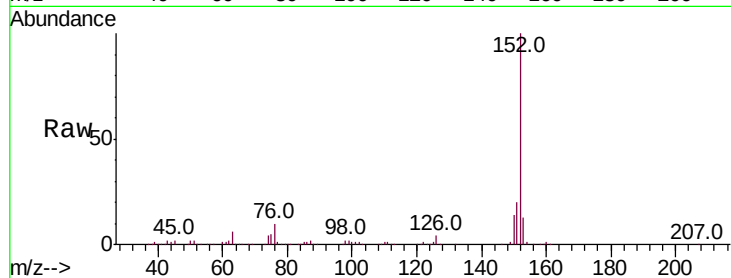
Tot Ion:152 Resp: 664080

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

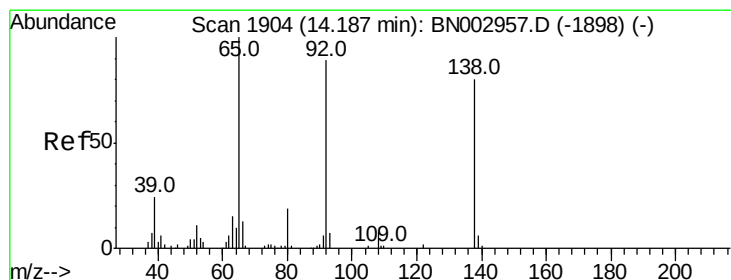
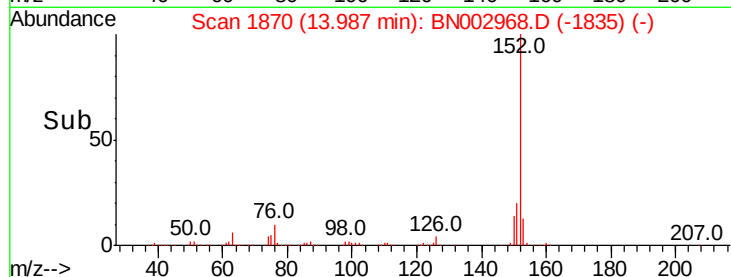
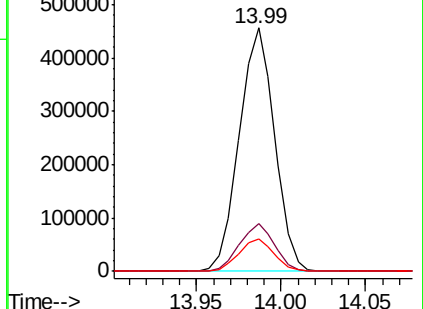
153 13.1 10.6 16.0



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



#48

3-Nitroaniline

Concen: 23.983 ng/ul

RT: 14.19 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

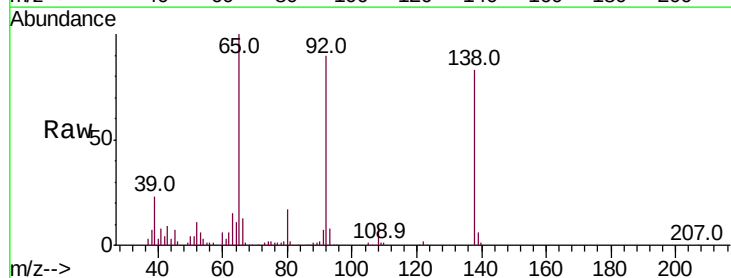
Tgt Ion:138 Resp: 123060

Ion Ratio Lower Upper

138 100

108 9.8 8.4 12.6

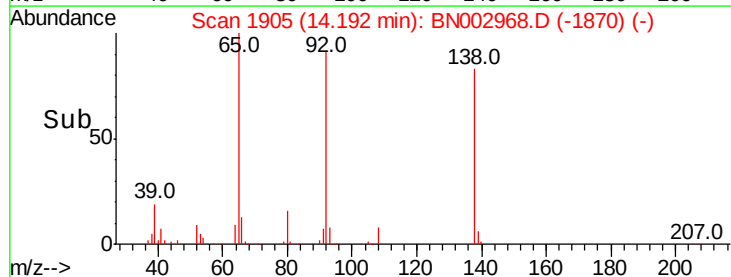
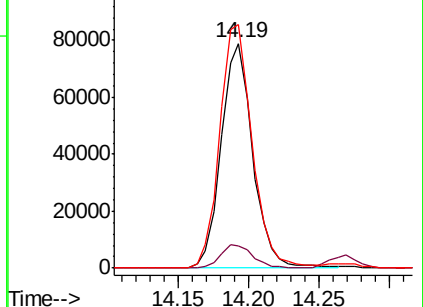
92 108.4 93.4 140.0

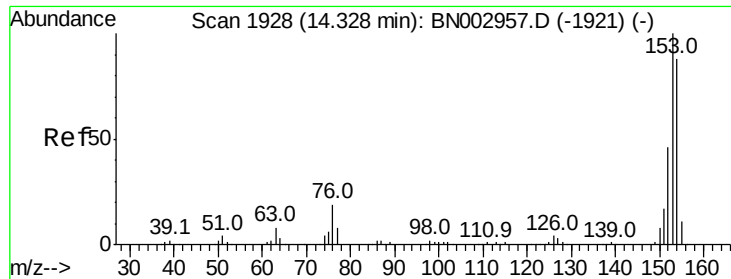


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 19.952 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

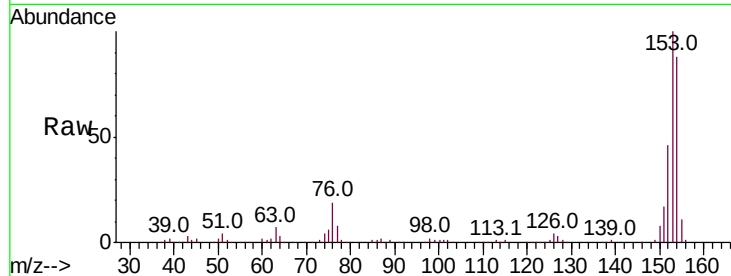
Tot Ion:153 Resp: 464004

Ion Ratio Lower Upper

153 100

152 45.5 37.8 56.6

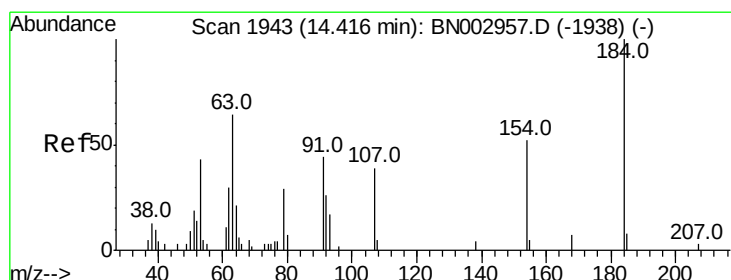
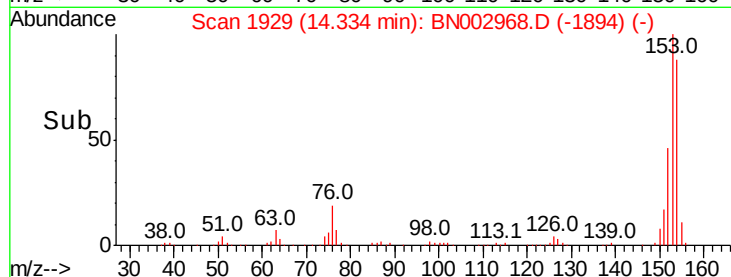
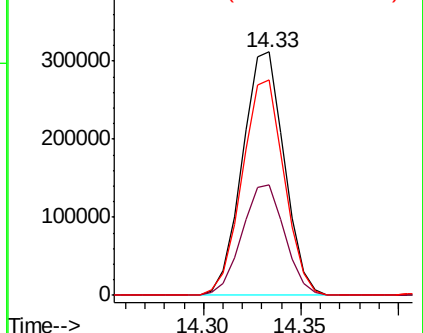
154 88.5 70.9 106.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 14.005 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

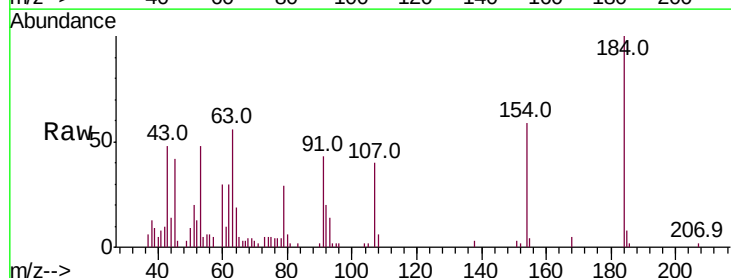
Tgt Ion:184 Resp: 38964

Ion Ratio Lower Upper

184 100

63 56.0 57.0 85.6#

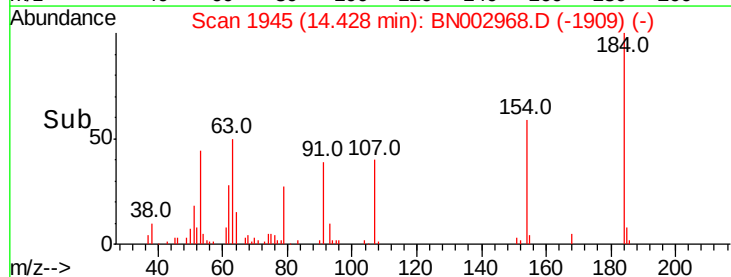
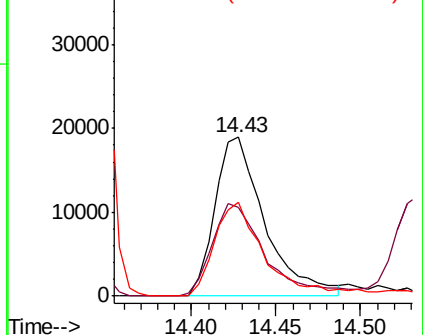
154 59.0 48.5 72.7

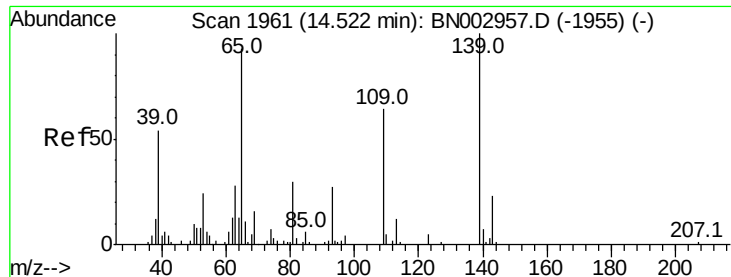


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.456 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampled :

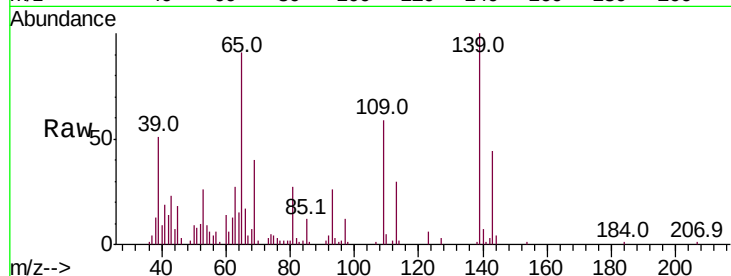
Tot Ion:109 Resp: 50670

Ion Ratio Lower Upper

109 100

139 170.2 116.5 174.7

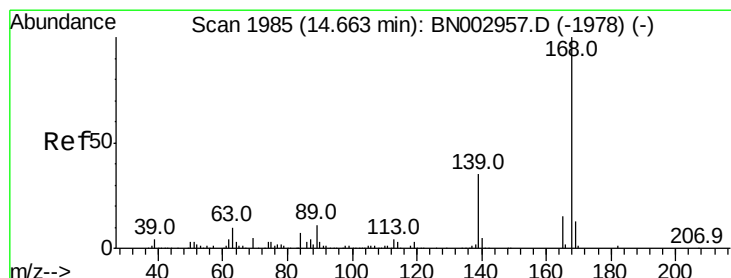
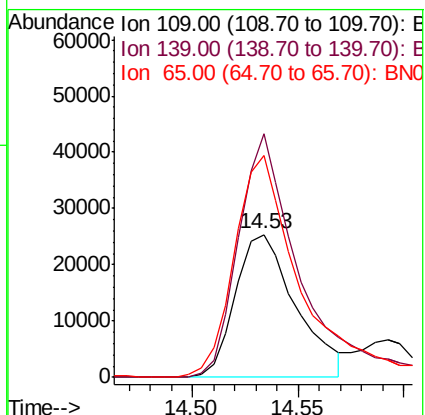
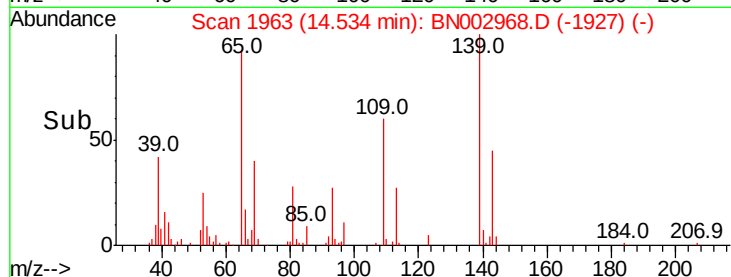
65 155.3 116.7 175.1



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO



#53

Dibenzofuran

Concen: 20.300 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BN002968.D

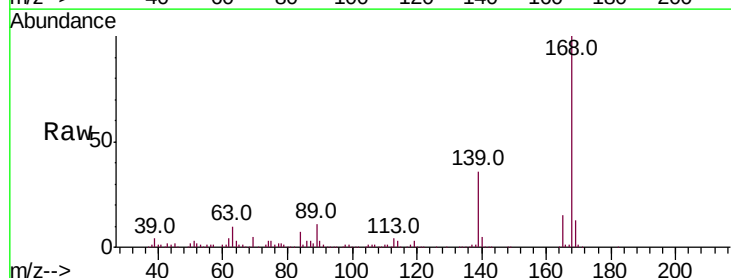
Acq: 05 Oct 2018 18:24

Tgt Ion:168 Resp: 649125

Ion Ratio Lower Upper

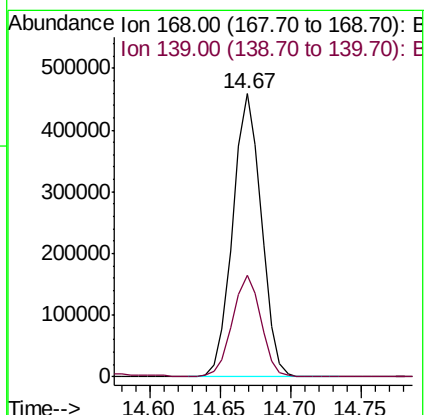
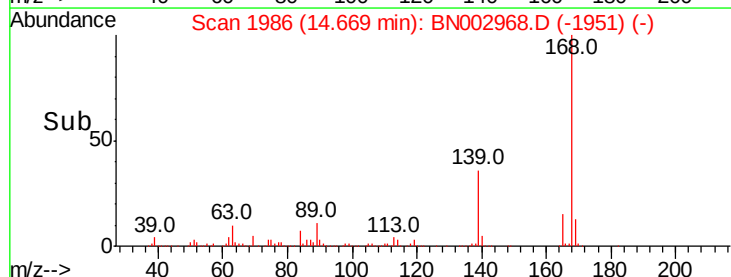
168 100

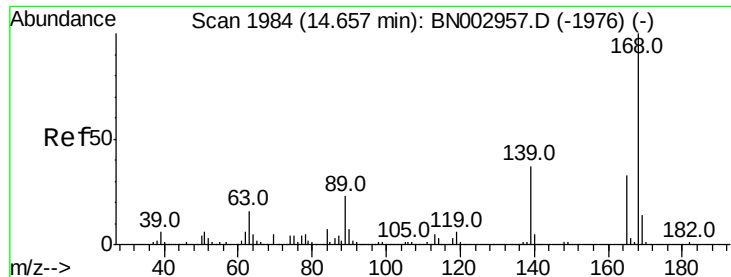
139 36.1 29.4 44.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

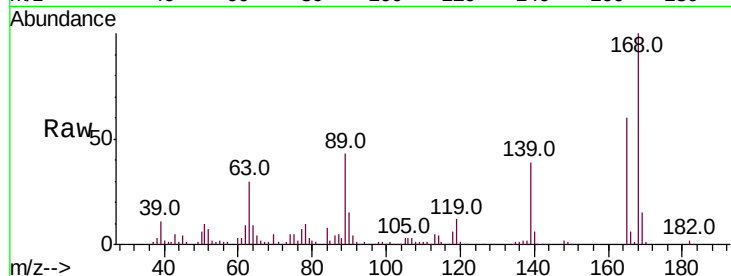




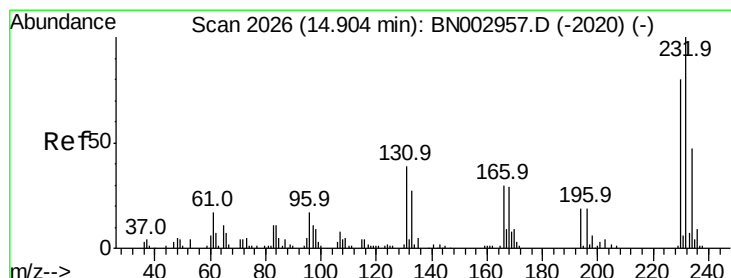
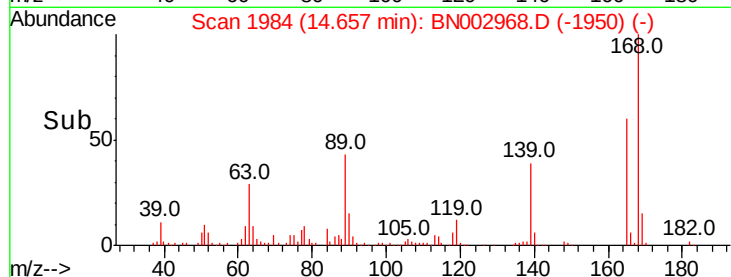
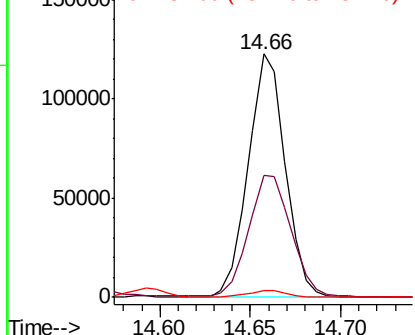
#54
 2,4-Dinitrotoluene
 Concen: 23.450 ng/ul
 RT: 14.66 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BN002968.D
 Acq: 05 Oct 2018 18:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 174573
 Ion Ratio Lower Upper
 165 100
 63 50.2 39.0 58.6
 182 2.8 2.4 3.6

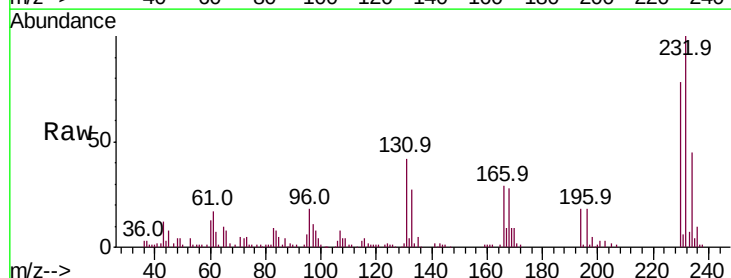


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

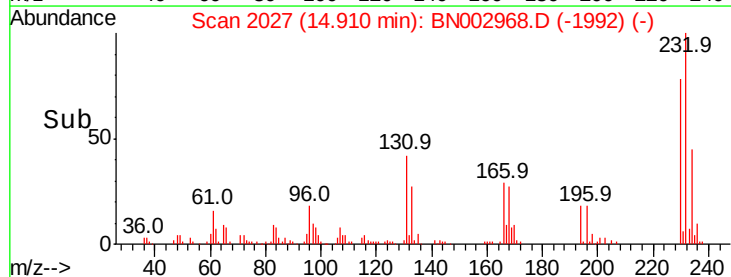
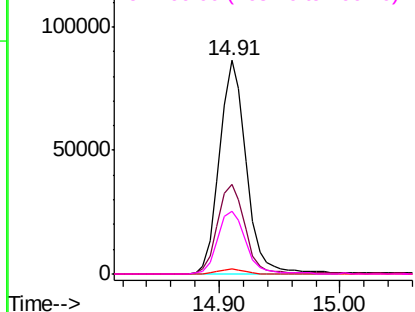


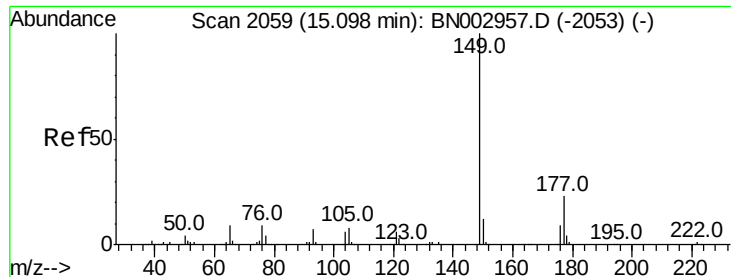
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 22.213 ng/ul
 RT: 14.91 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BN002968.D
 Acq: 05 Oct 2018 18:24

Tgt Ion:232 Resp: 133435
 Ion Ratio Lower Upper
 232 100
 131 41.9 36.6 54.8
 130 2.5 1.8 2.8
 166 29.1 26.5 39.7



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

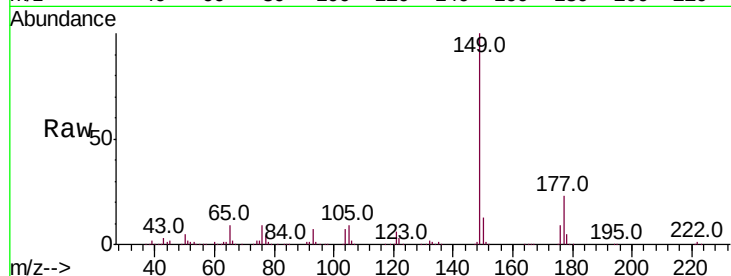




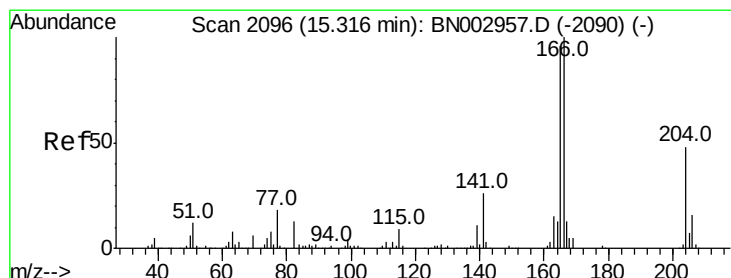
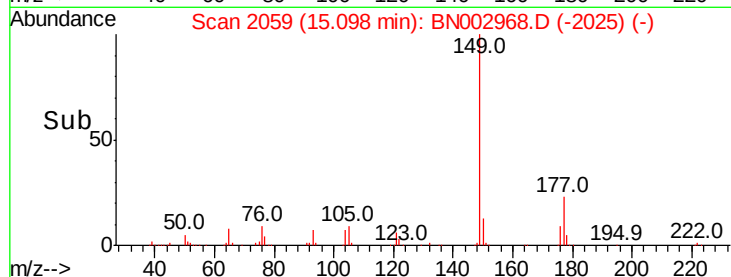
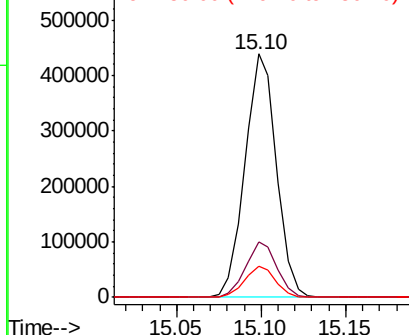
#56
Diethylphthalate
Concen: 22.185 ng/ul
RT: 15.10 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 567712
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.9 9.8 14.8

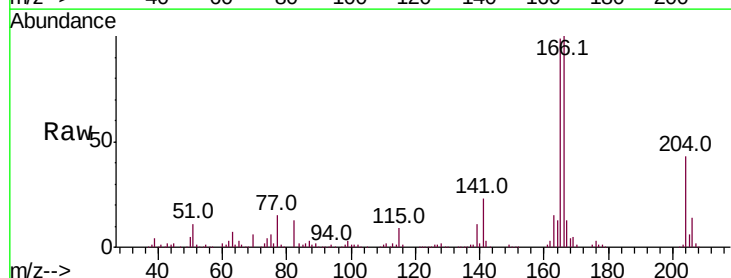


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

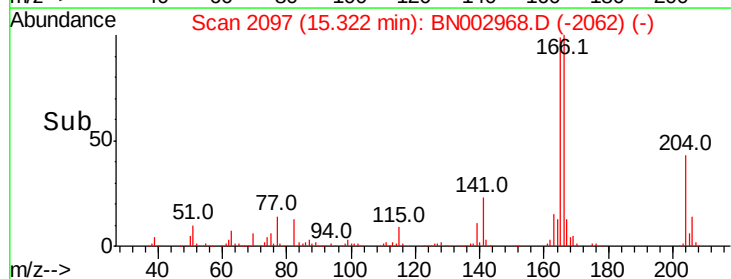
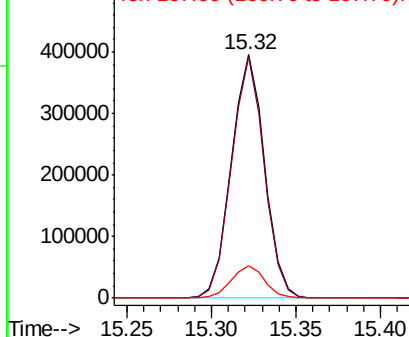


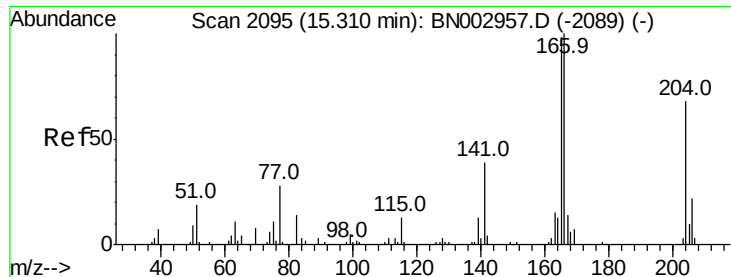
#58
Fluorene
Concen: 21.030 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion:166 Resp: 538662
Ion Ratio Lower Upper
166 100
165 99.2 78.3 117.5
167 13.5 11.0 16.6



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

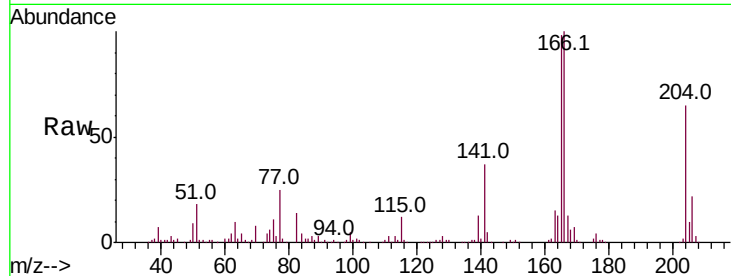




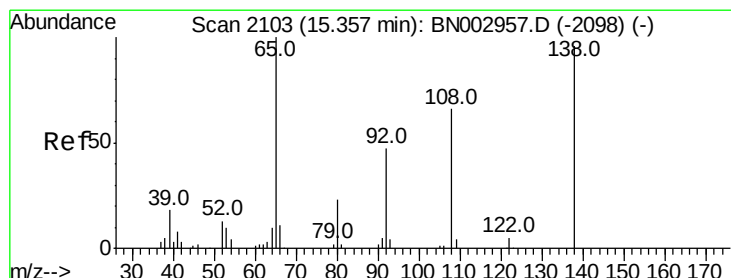
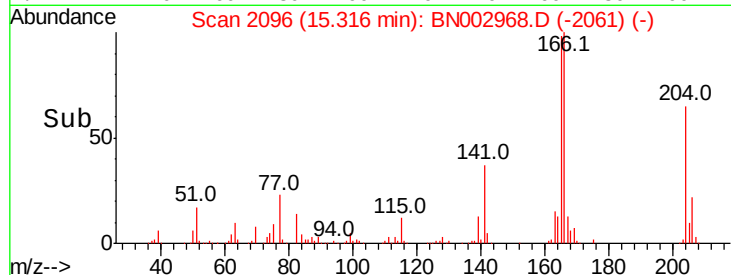
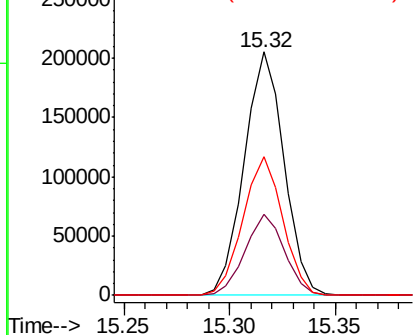
#59
4-Chlorophenyl-phenylether
Concen: 21.026 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:204 Resp: 269297
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 56.8 47.8 71.8

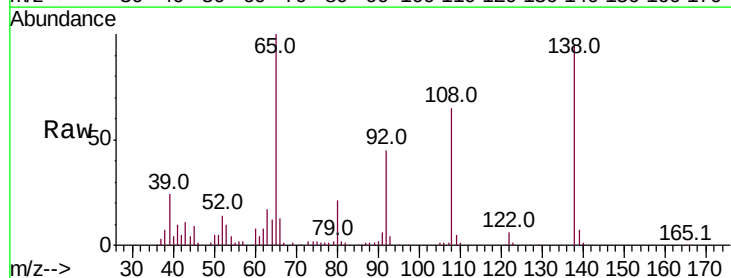


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

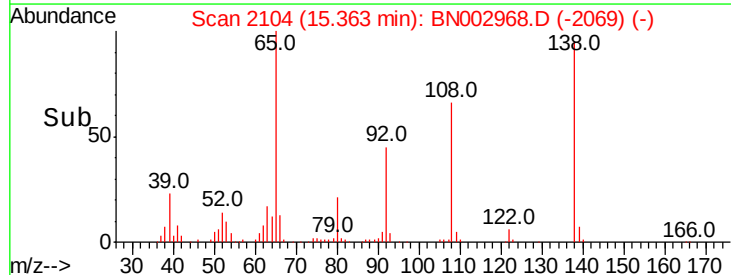
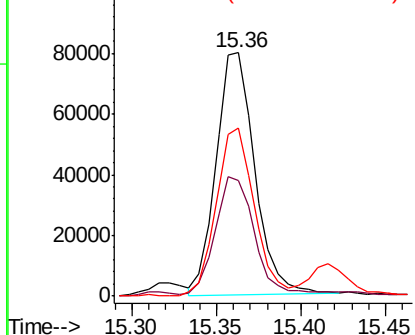


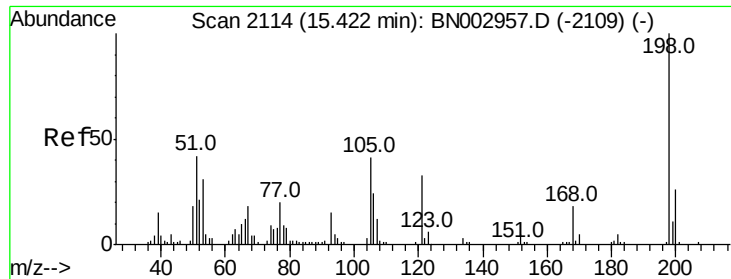
#60
4-Nitroaniline
Concen: 23.317 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion:138 Resp: 126844
Ion Ratio Lower Upper
138 100
92 47.7 40.8 61.2
108 69.0 57.4 86.2



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

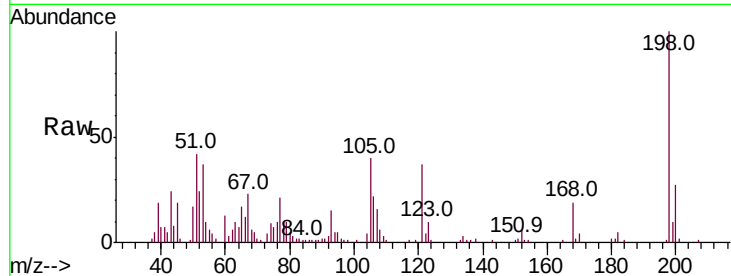




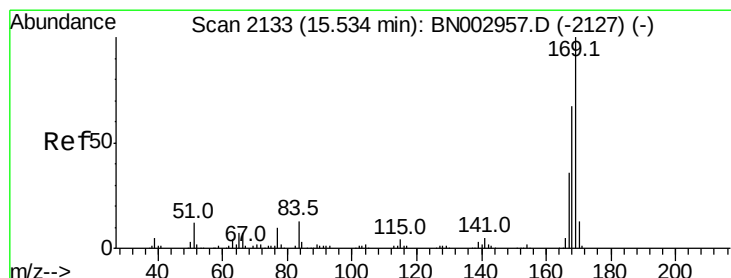
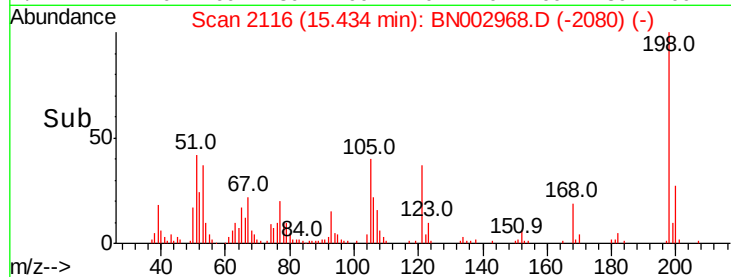
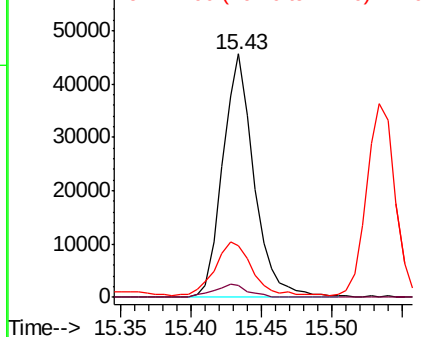
#63
 4,6-Dinitro-2-methylphenol
 Concen: 14.419 ng/ul
 RT: 15.43 min Scan# 2116
 Delta R.T. 0.01 min
 Lab File: BN002968.D
 Acq: 05 Oct 2018 18:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 70734
 Ion Ratio Lower Upper
 198 100
 182 4.7 4.0 6.0
 77 21.4 21.5 32.3#

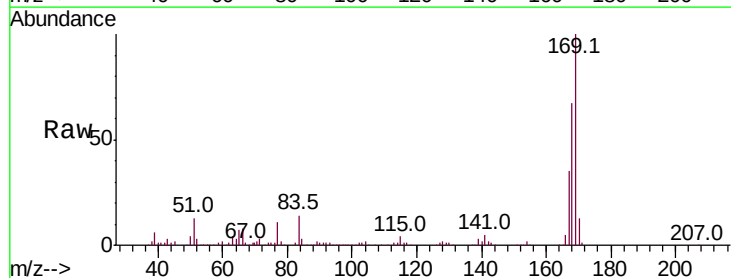


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

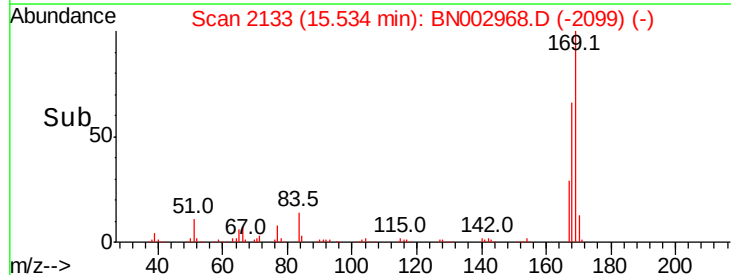
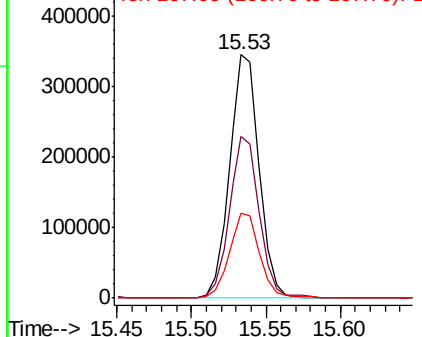


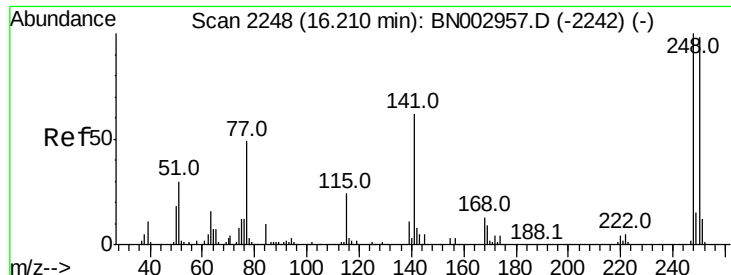
#64
 N-Nitrosodiphenylamine
 Concen: 19.743 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BN002968.D
 Acq: 05 Oct 2018 18:24

Tgt Ion:169 Resp: 475789
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.6
 167 34.8 28.6 42.8



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

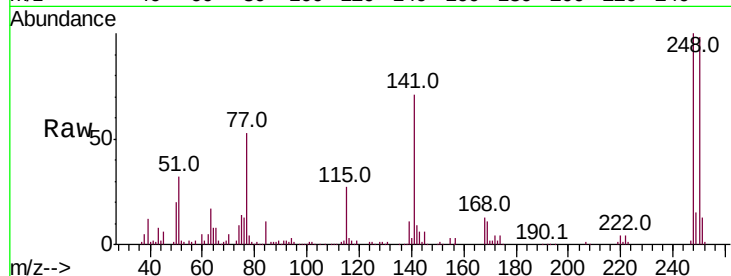




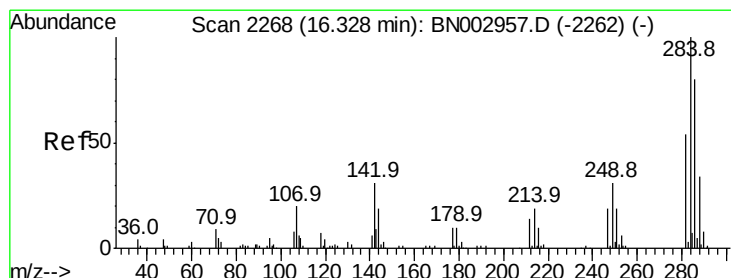
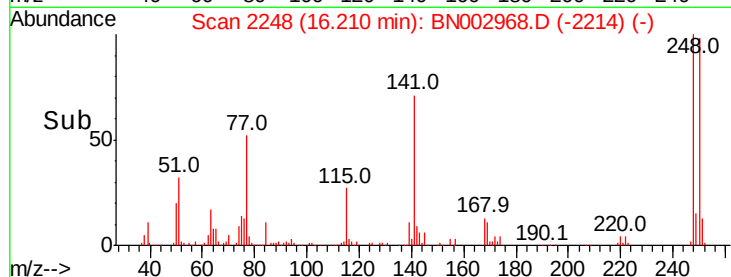
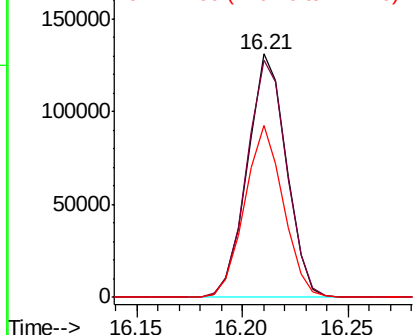
#65
4-Bromophenyl-phenylether
Concen: 19.796 ng/ul
RT: 16.21 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 168561
Ion Ratio Lower Upper
248 100
250 97.6 80.2 120.2
141 70.8 56.3 84.5

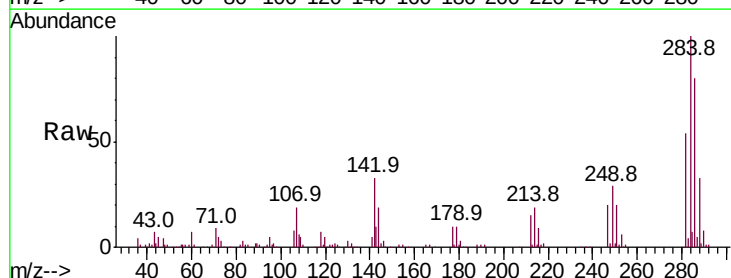


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

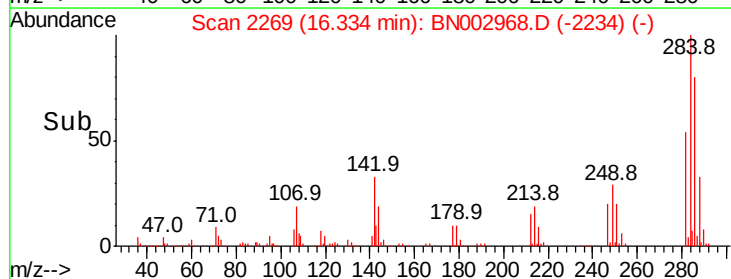
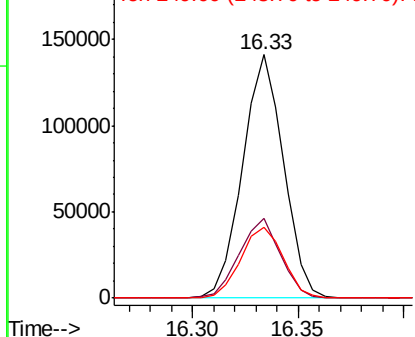


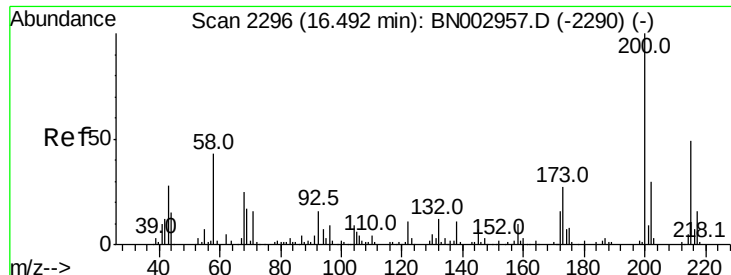
#66
Hexachlorobenzene
Concen: 20.442 ng/ul
RT: 16.33 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion:284 Resp: 190139
Ion Ratio Lower Upper
284 100
142 32.7 24.8 37.2
249 28.9 23.9 35.9



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

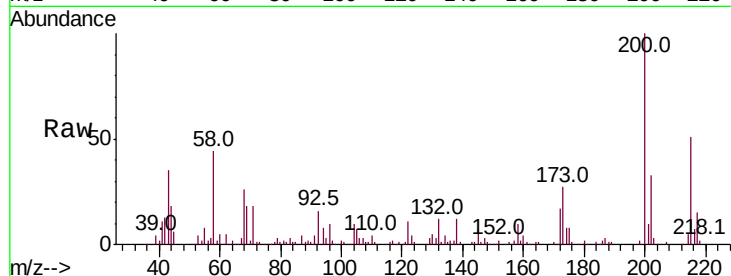




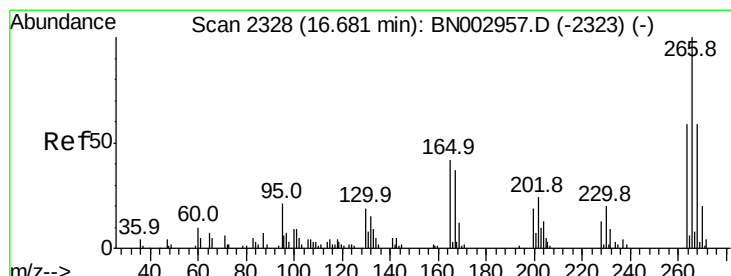
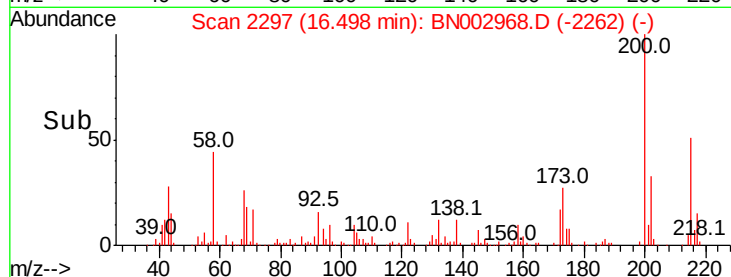
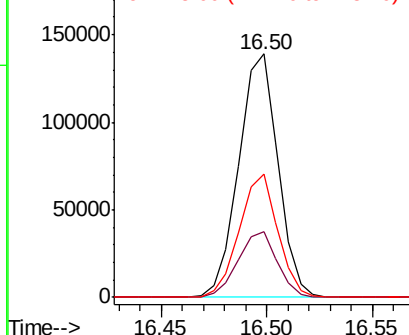
#67
Atrazine
Concen: 21.793 ng/ul
RT: 16.50 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	21.8	32.6
215	50.6	39.4	59.2

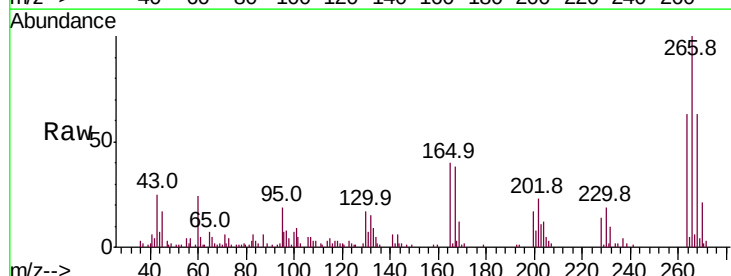


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

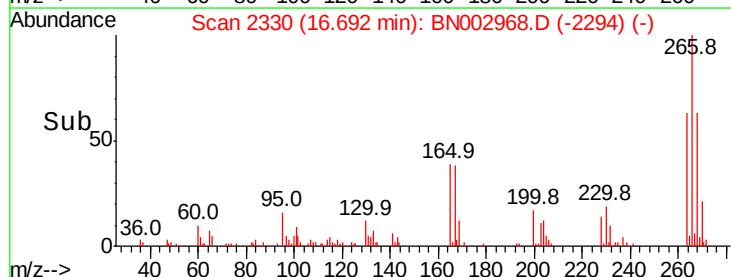
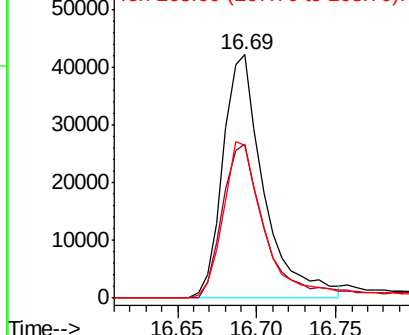


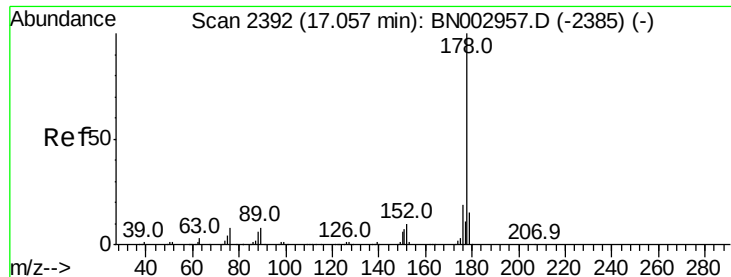
#68
Pentachlorophenol
Concen: 17.411 ng/ul
RT: 16.69 min Scan# 2330
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.9	74.9
268	62.6	52.6	79.0



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





#69

Phenanthrene

Concen: 19.973 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampled :

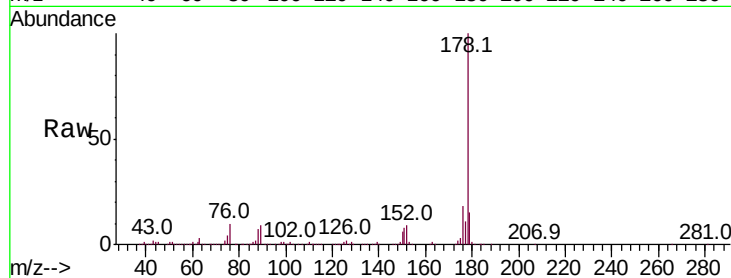
Tot Ion:178 Resp: 854656

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.1	15.0	22.6

178 100

179 15.4 12.2 18.4

176 18.1 15.0 22.6



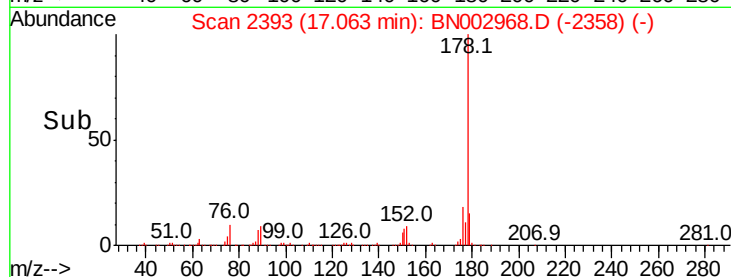
Abundance

Ion 178.00 (177.70 to 178.70): E

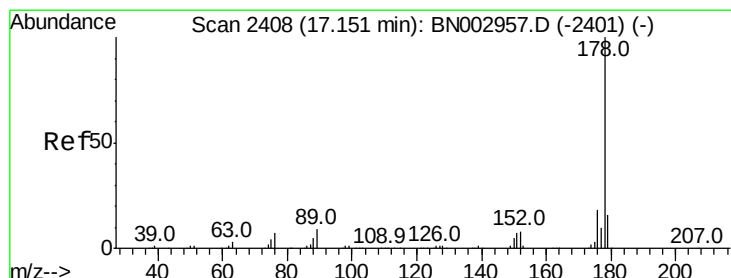
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.06



Time-->



#71

Anthracene

Concen: 20.347 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

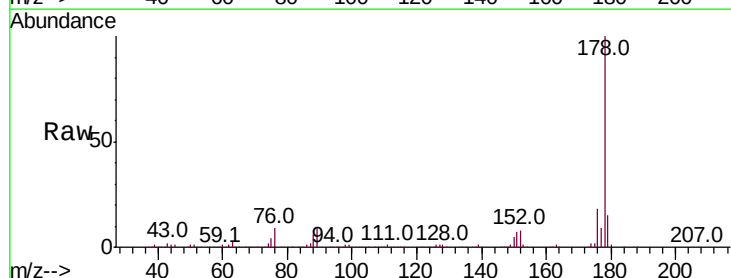
Tgt Ion:178 Resp: 882755

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.2	15.0	22.4

178 100

179 15.4 12.0 18.0

176 18.2 15.0 22.4



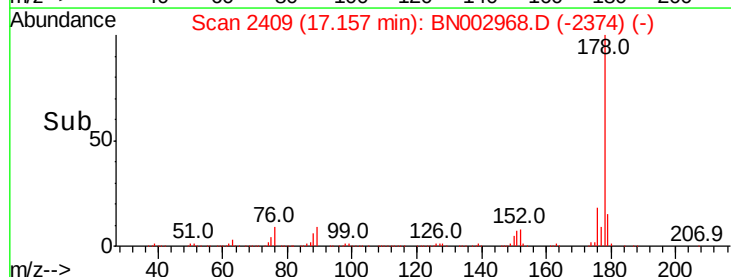
Abundance

Ion 178.00 (177.70 to 178.70): E

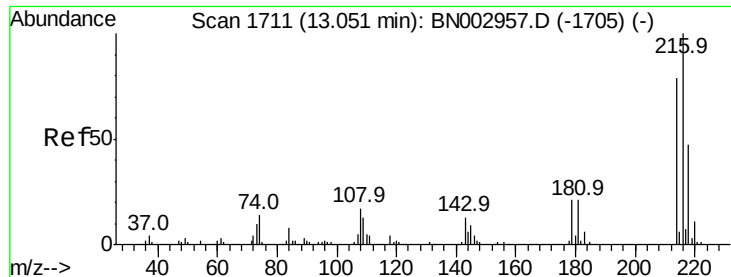
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.16



Time-->



#72

1,2,3,4-Tetrachlorobenzene

Concen: 17.285 ng/uL

RT: 13.06 min Scan# 1712

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

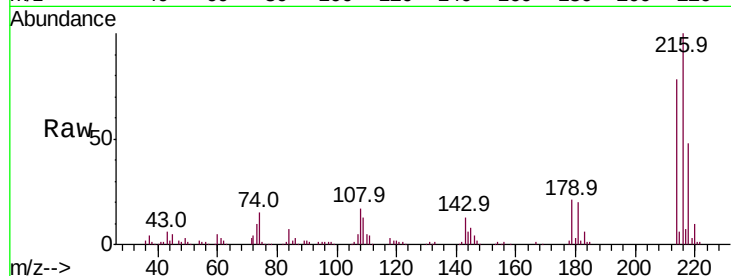
Tot Ion:216 Resp: 229334

Ion Ratio Lower Upper

216 100

214 78.0 62.9 94.3

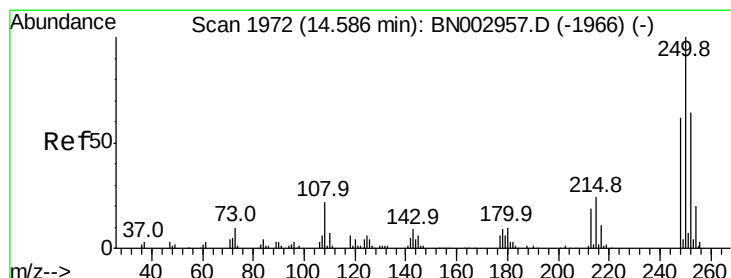
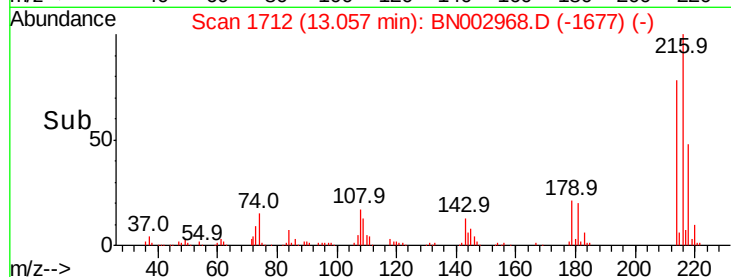
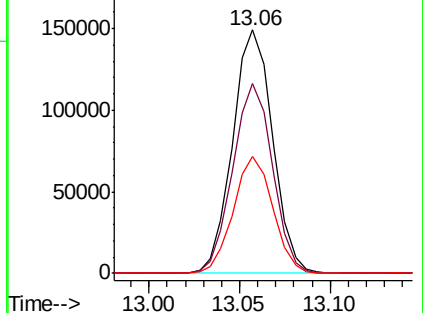
218 48.2 37.8 56.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 18.499 ng/uL

RT: 14.59 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

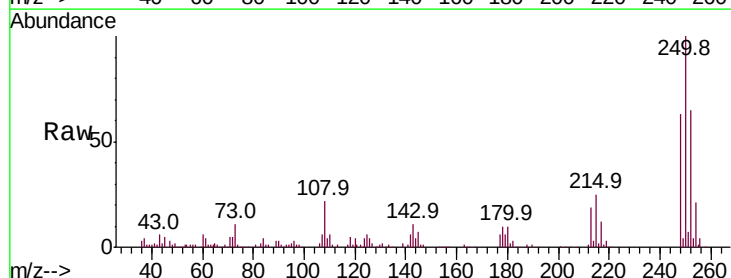
Tgt Ion:250 Resp: 219151

Ion Ratio Lower Upper

250 100

248 63.2 49.1 73.7

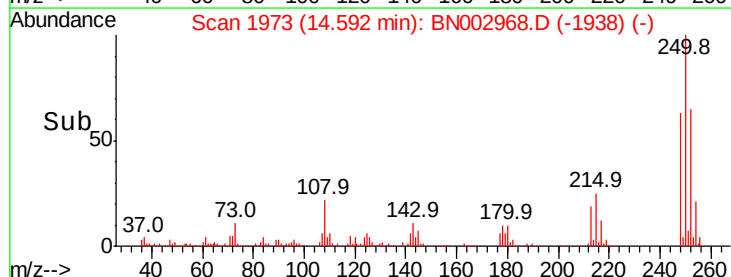
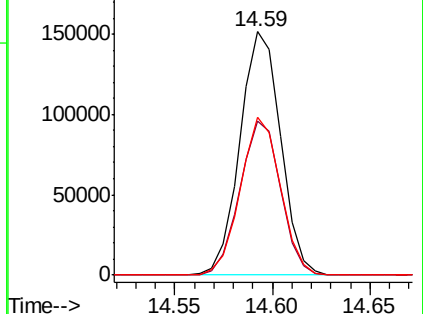
252 64.7 51.0 76.4

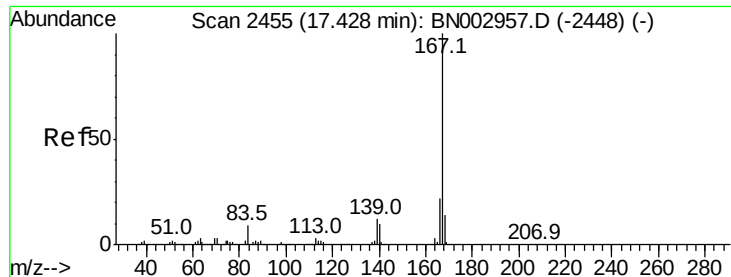


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 21.449 ng/ul

RT: 17.43 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

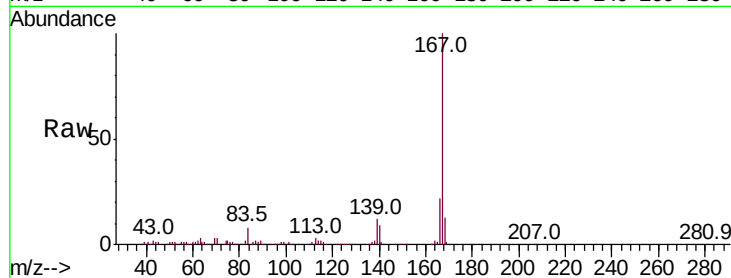
Tot Ion:167 Resp: 798574

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

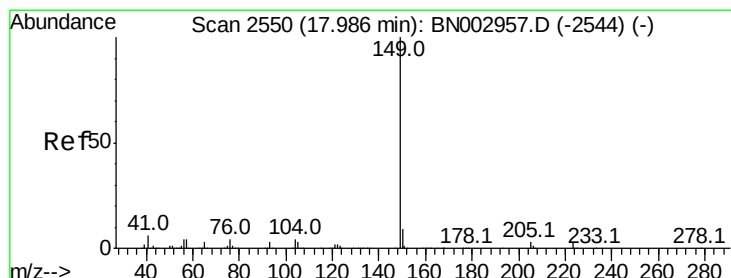
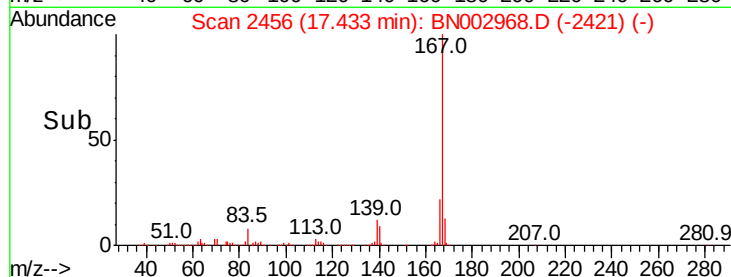
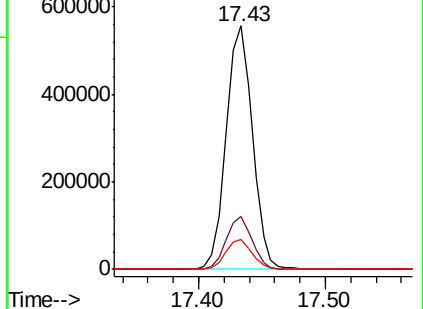
139 12.2 10.7 16.1



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



#75

Di-n-butylphthalate

Concen: 25.660 ng/ul

RT: 17.99 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

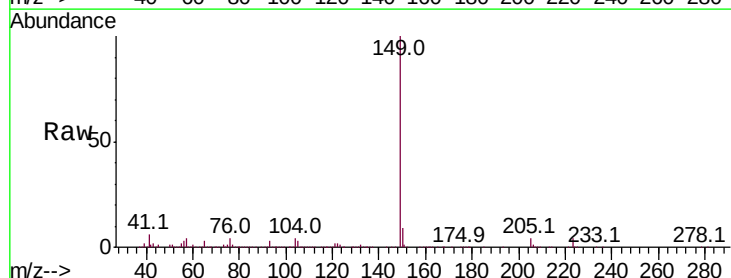
Tgt Ion:149 Resp: 1146285

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

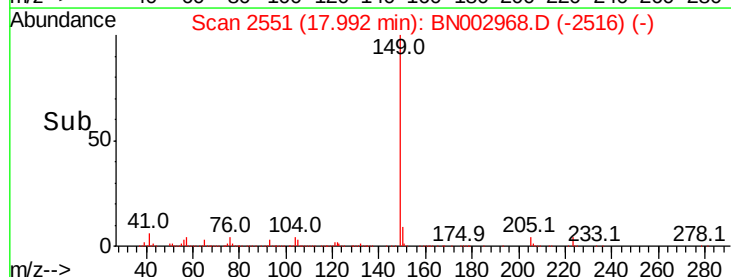
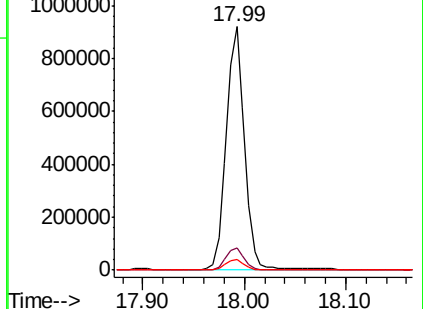
104 4.5 3.7 5.5

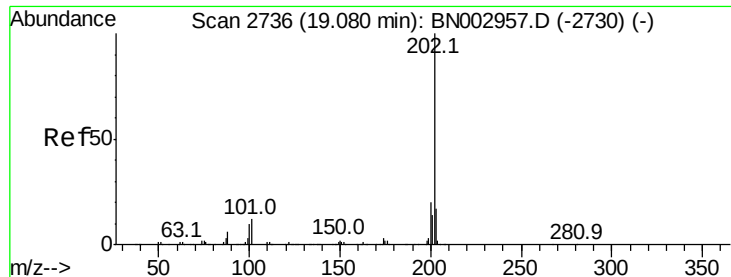


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

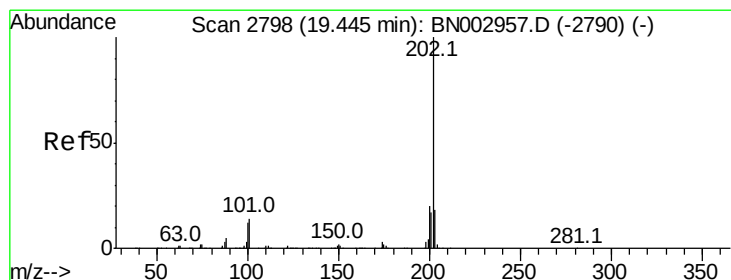
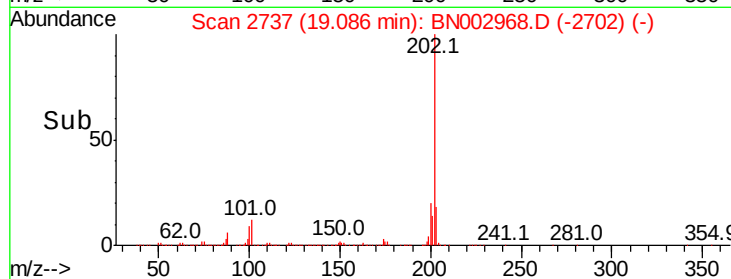
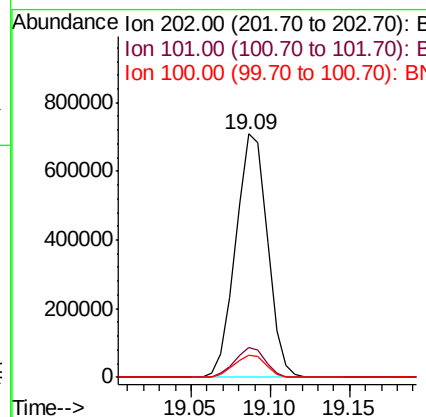
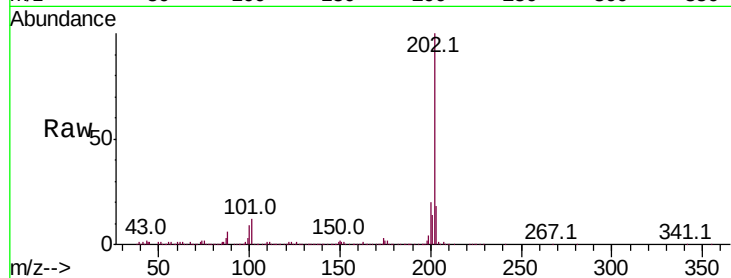




#76
Fluoranthene
Concen: 21.629 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

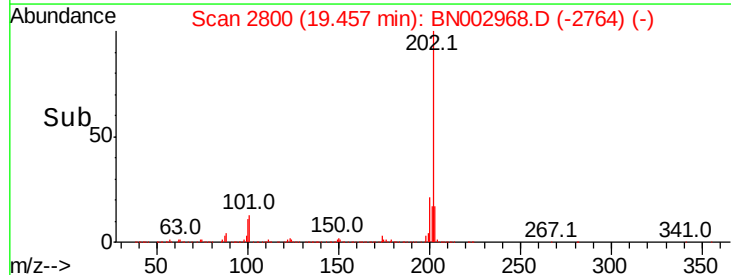
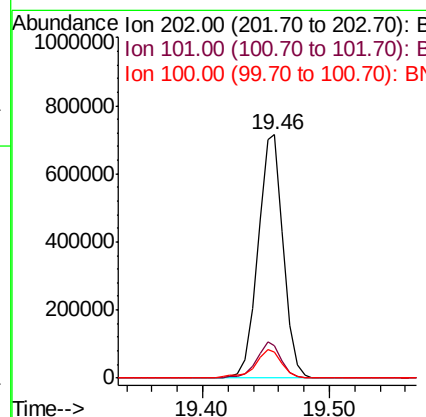
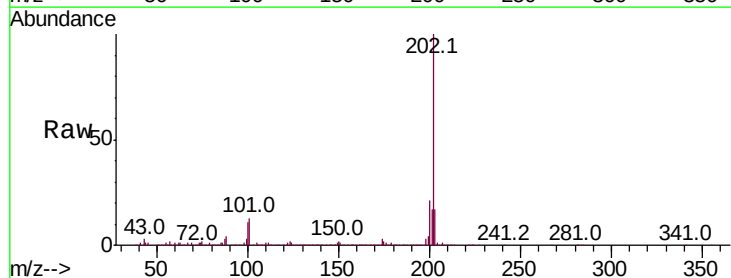
Instrument :
BNA_N
ClientSampled :

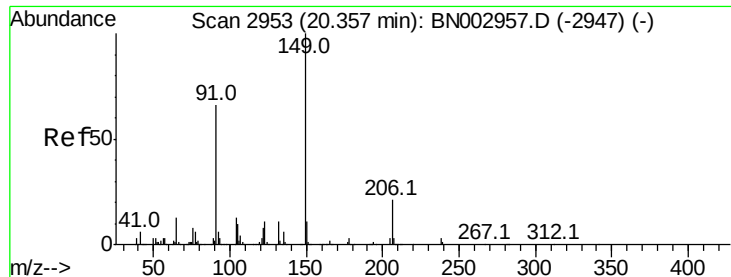
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.4	14.2
100	9.1	7.0	10.6



#79
Pyrene
Concen: 18.951 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BN002968.D
Acq: 05 Oct 2018 18:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.8	16.2
100	10.6	8.2	12.2





#80

Butylbenzylphthalate

Concen: 21.669 ng/ul

RT: 20.36 min Scan# 2954

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampled :

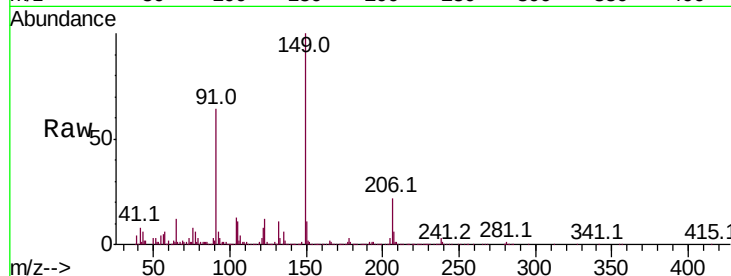
Tot Ion:149 Resp: 471013

Ion Ratio Lower Upper

149 100

91 63.7 56.3 84.5

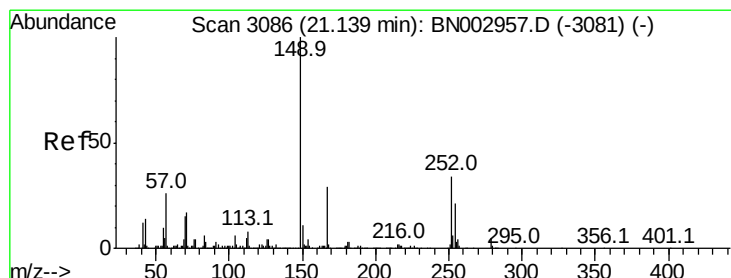
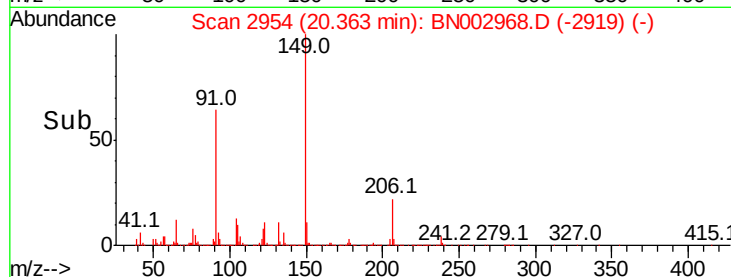
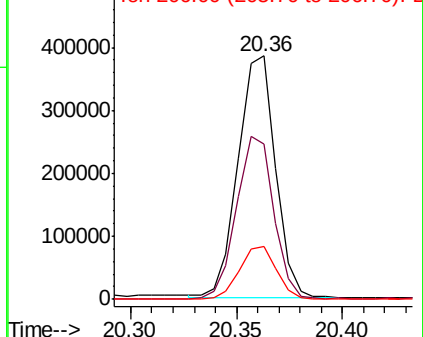
206 21.9 16.8 25.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNA_N

Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.544 ng/ul

RT: 21.15 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

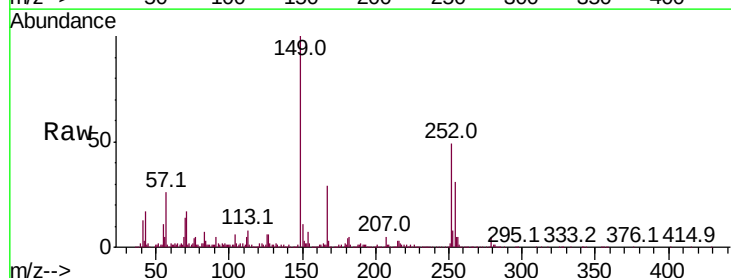
Tgt Ion:252 Resp: 327798

Ion Ratio Lower Upper

252 100

254 64.6 50.4 75.6

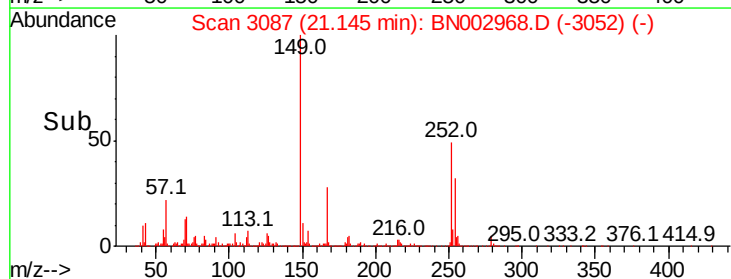
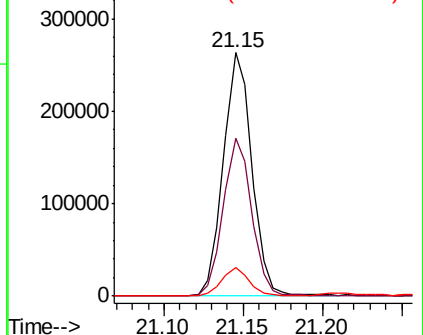
126 11.7 8.2 12.2

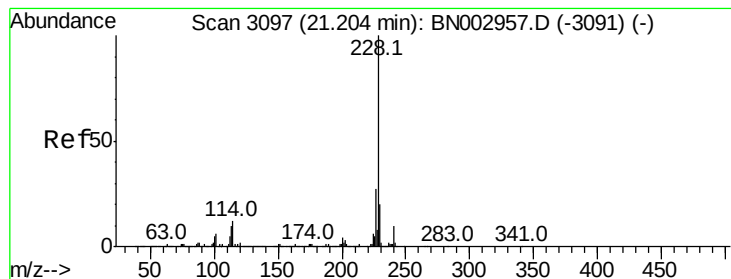


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 19.855 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampled :

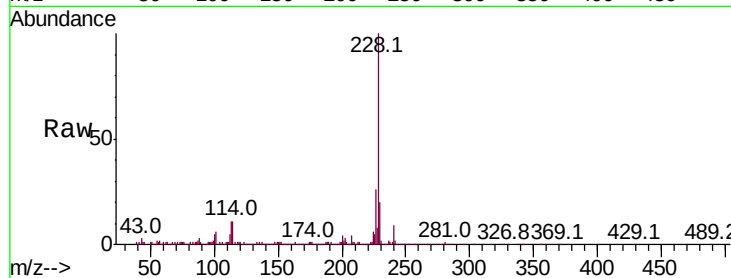
Tot Ion:228 Resp: 975856

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

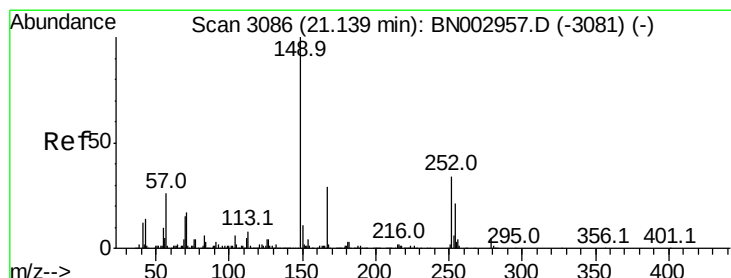
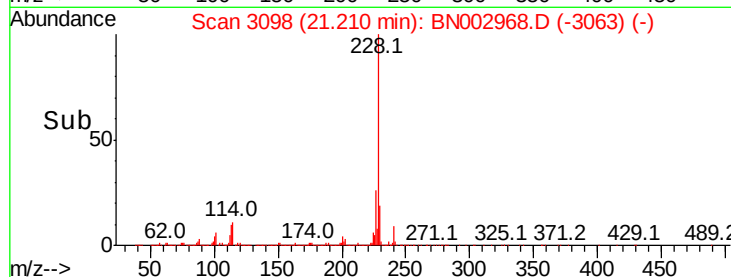
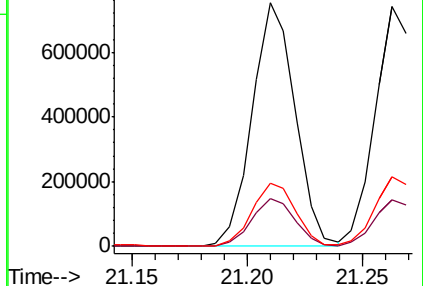
226 26.2 20.9 31.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 21.361 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

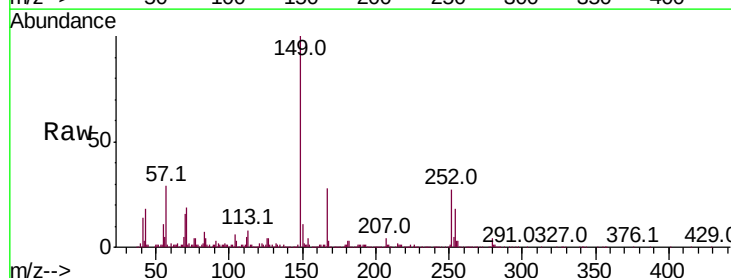
Tgt Ion:149 Resp: 674083

Ion Ratio Lower Upper

149 100

167 28.3 22.0 33.0

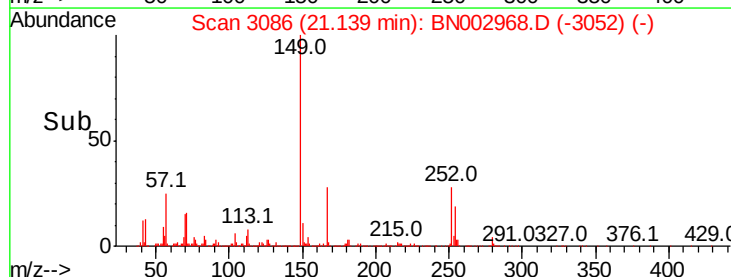
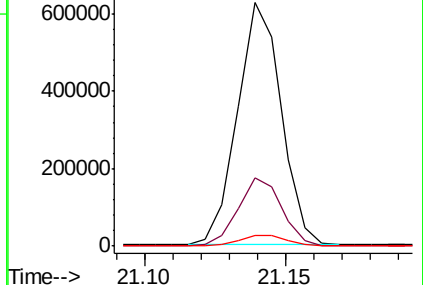
279 4.5 3.3 4.9

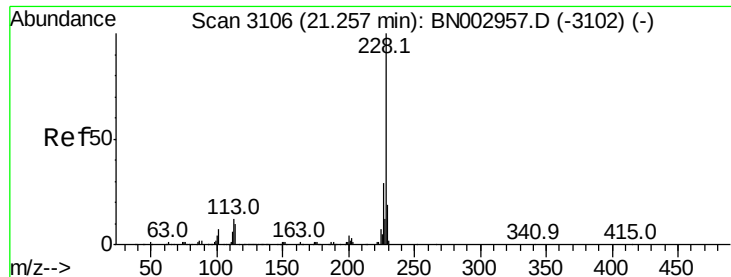


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 19.884 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

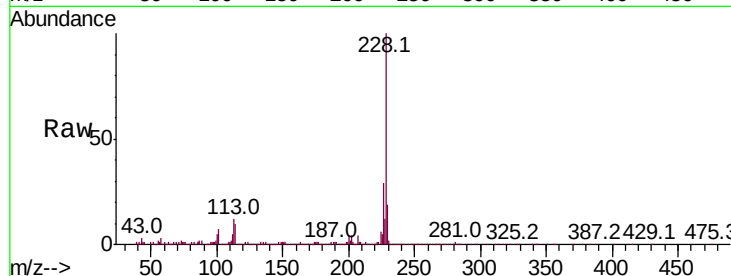
Tot Ion:228 Resp: 916004

Ion Ratio Lower Upper

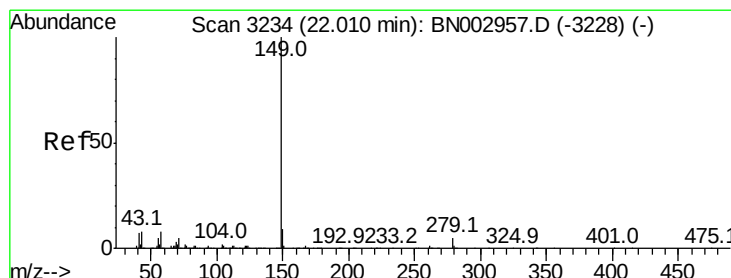
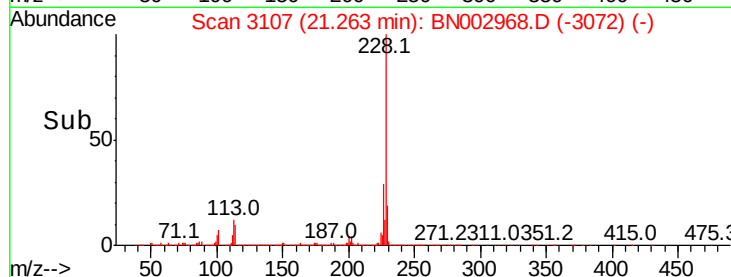
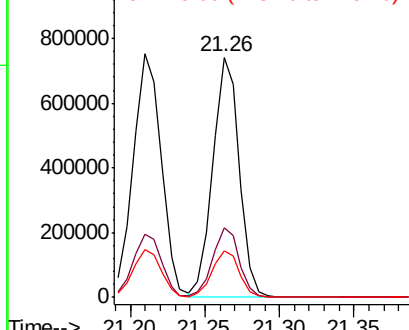
228 100

226 28.7 23.4 35.0

229 19.5 15.7 23.5



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



#86

Di-n-octyl phthalate

Concen: 24.935 ng/ul

RT: 22.01 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

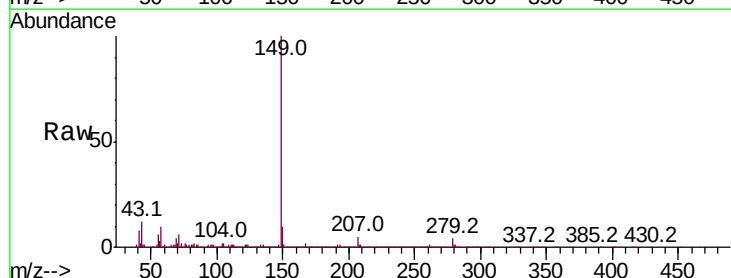
Tgt Ion:149 Resp: 1149731

Ion Ratio Lower Upper

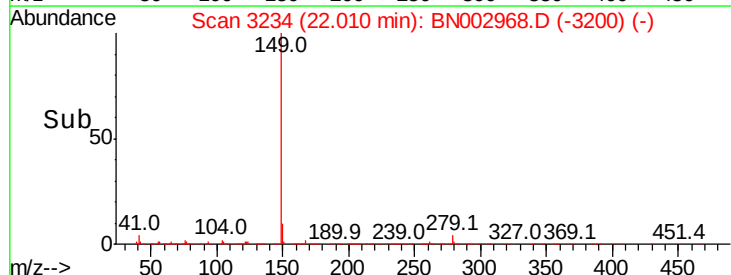
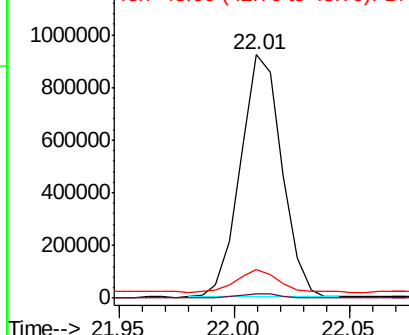
149 100

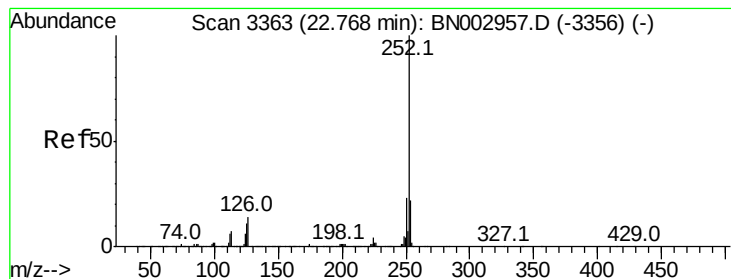
167 1.8 1.4 2.0

43 11.6 7.4 11.0#



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





#87

Benzo(b)fluoranthene

Concen: 20.722 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

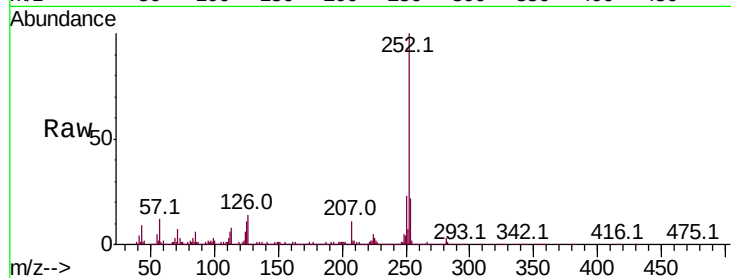
Tot Ion:252 Resp: 882823

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

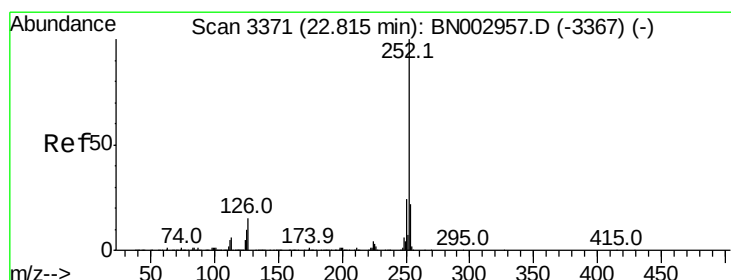
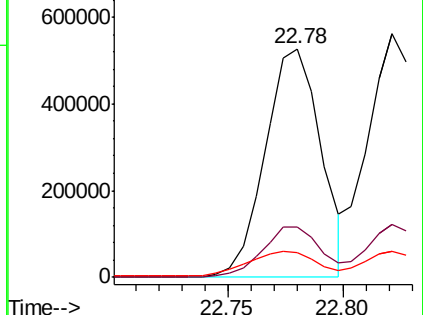
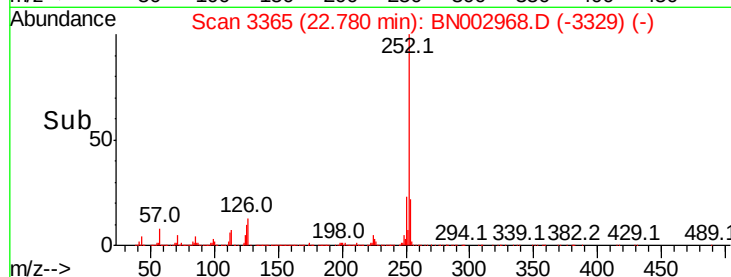
125 10.7 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 21.949 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

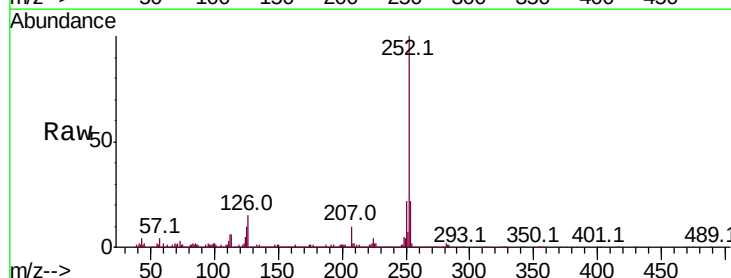
Tgt Ion:252 Resp: 872366

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

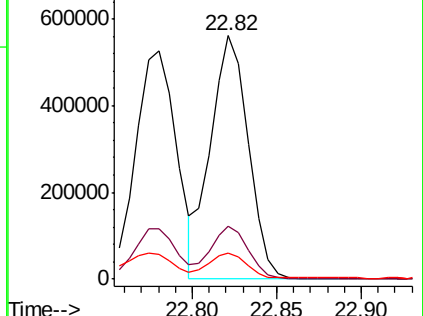
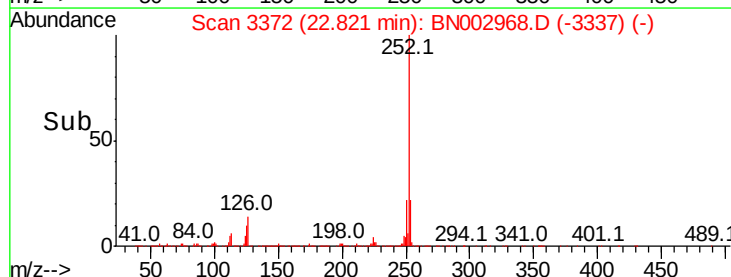
125 10.4 8.3 12.5

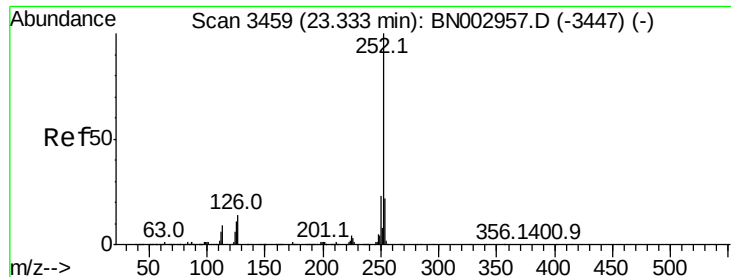


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.224 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Instrument :

BNA_N

ClientSampleId :

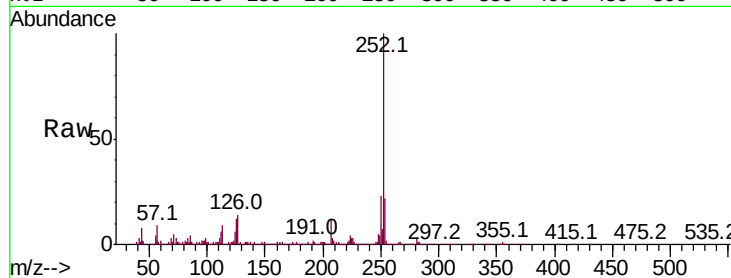
Tot Ion:252 Resp: 814547

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.2 8.8 13.2

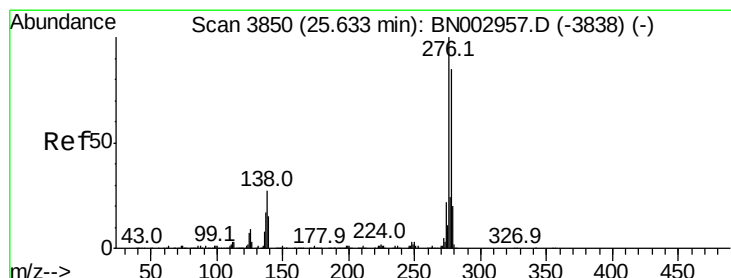
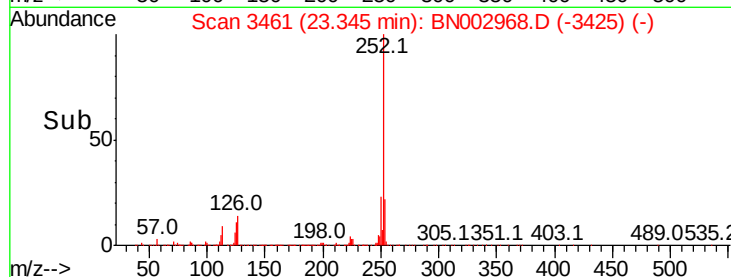
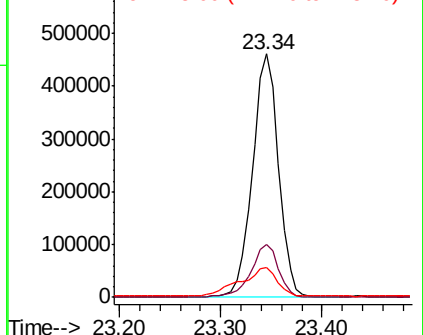


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 15.516 ng/ul

RT: 25.64 min Scan# 3852

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

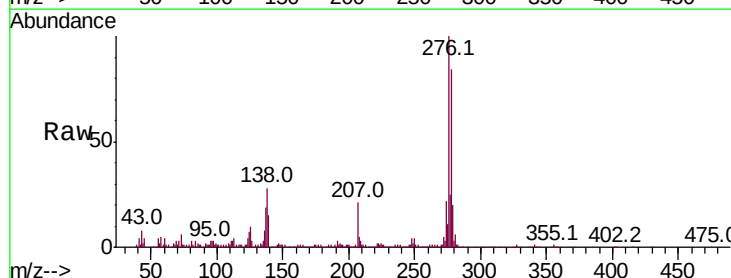
Tgt Ion:276 Resp: 739854

Ion Ratio Lower Upper

276 100

138 27.6 20.2 30.4

277 24.7 20.0 30.0

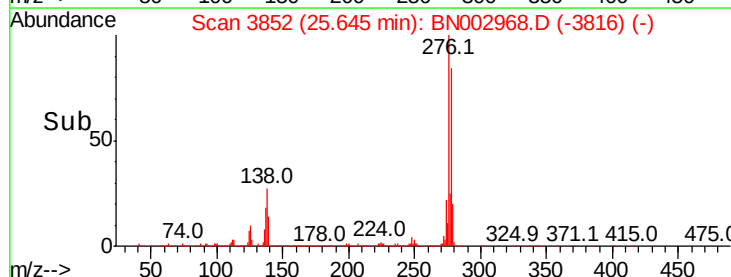
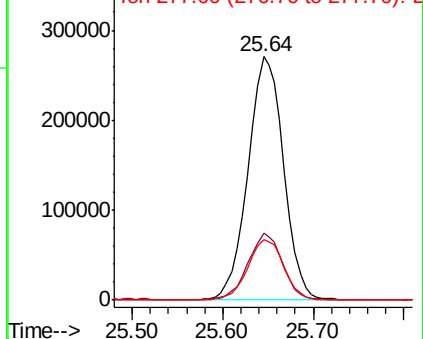


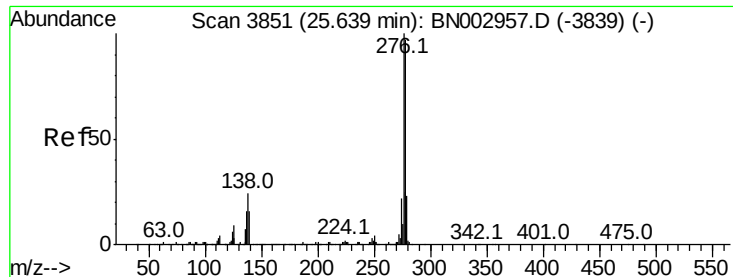
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 15.612 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. 0.01 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

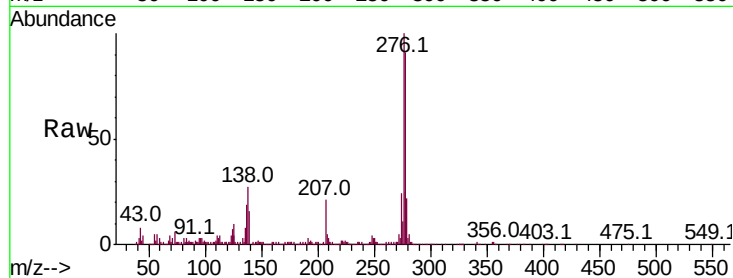
Instrument :

BNA_N

ClientSampleId :

Tot Ion:278 Resp: 627230

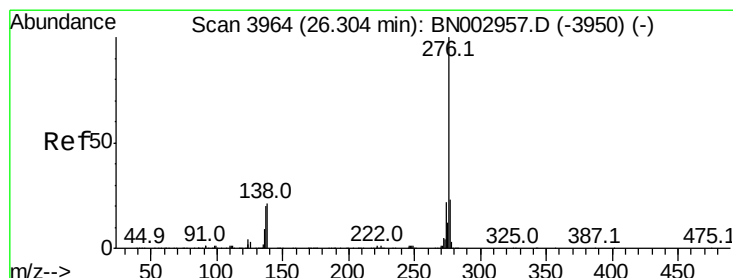
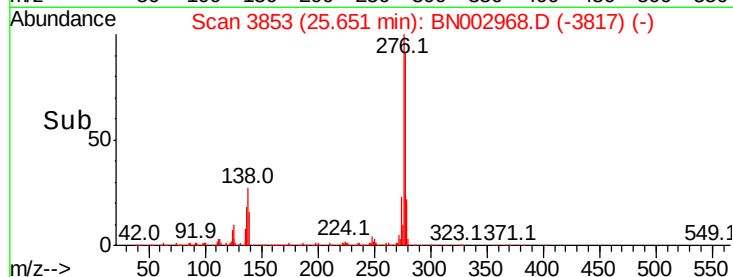
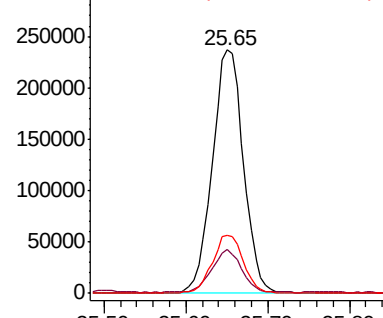
Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.7	19.1
279	23.9	18.7	28.1



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



#93

Benzo(g,h,i)perylene

Concen: 15.039 ng/ul

RT: 26.32 min Scan# 3967

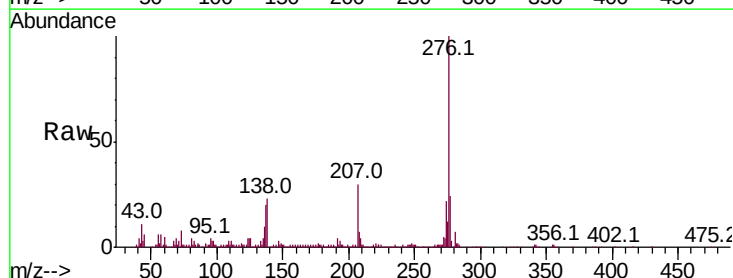
Delta R.T. 0.02 min

Lab File: BN002968.D

Acq: 05 Oct 2018 18:24

Tgt Ion:276 Resp: 599458

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.2	27.2
277	24.1	18.6	28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

