

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002657.D
 Acq On : 12 Sep 2018 16:32
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 05:03:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:01:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	153421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	710919	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	440767	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1019321	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1017824	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	883644	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24399	7.51	ng/uL	0.00
5) Phenol-d5	6.85	99	274266	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	167161	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	221342	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	221455	19.69	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	108807	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	124656	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	230778	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	278855	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	737961	20.20	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	911331	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	116268	16.83	ng/ul	0.00
57) Fluorene-d10	15.29	176	630002	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	128153	19.75	ng/ul	0.00
70) Anthracene-d10	17.14	188	985586	20.24	ng/ul	0.00
78) Pyrene-d10	19.45	212	1064952	21.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	959207	20.76	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	25347	7.289	ng/uL	91
4) Benzaldehyde	6.82	77	172577	17.857	ng/ul	97
6) Phenol	6.87	94	275539	19.233	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	210936	19.368	ng/ul#	87
10) 2-Chlorophenol	7.23	128	219320	20.331	ng/ul#	91
11) 2-Methylphenol	8.10	108	213185	19.718	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	346742	19.224	ng/ul#	85
14) Acetophenone	8.48	105	341847	19.013	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.46	70	181599	19.142	ng/ul#	85
16) 4-Methylphenol	8.43	108	229365	19.500	ng/ul	99
17) Hexachloroethane	8.72	117	86206	19.077	ng/ul	98
20) Nitrobenzene	8.85	77	260949	19.269	ng/ul	95
21) Isophorone	9.37	82	521041	19.958	ng/ul	99
23) 2-Nitrophenol	9.56	139	132381	21.164	ng/ul	91
24) 2,4-Dimethylphenol	9.62	107	265665	20.712	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	307873	20.016	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	223697	21.127	ng/ul	97
28) Naphthalene	10.48	128	732781	20.034	ng/ul	99
30) 4-Chloroaniline	10.60	127	280941	23.509	ng/ul	99
31) Hexachlorobutadiene	10.76	225	134042	20.110	ng/ul	98
32) Caprolactam	11.35	113	79445	19.972	ng/ul#	59
33) 4-Chloro-3-methylphenol	11.73	107	253624	20.816	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	543107	20.118	ng/ul	99

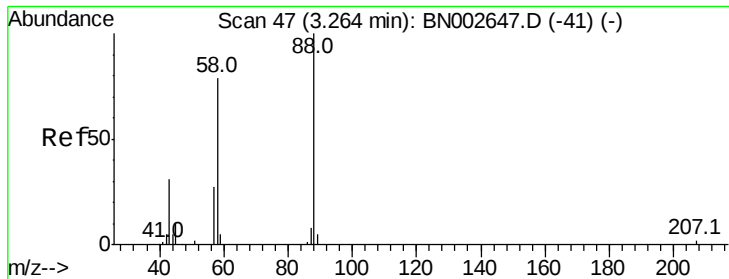
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:01:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	272306	20.396	ng/ul	100
37) Hexachlorocyclopentadiene	12.45	237	124160	15.309	ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	180836	21.035	ng/ul	100
39) 2,4,5-Trichlorophenol	12.80	196	195704	21.275	ng/ul	98
40) 1,1'-Biphenyl	13.12	154	707946	20.064	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	554681	20.166	ng/ul	96
42) 2-Nitroaniline	13.37	65	173096	19.759	ng/ul	86
44) Dimethylphthalate	13.75	163	719546	20.079	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	151264	20.893	ng/ul	98
47) Acenaphthylene	14.01	152	859286	20.135	ng/ul	99
48) 3-Nitroaniline	14.21	138	144068	20.914	ng/ul	98
49) Acenaphthene	14.36	153	600277	19.940	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	74017	17.087	ng/ul#	1
52) 4-Nitrophenol	14.53	109	82571	15.773	ng/ul#	78
53) Dibenzofuran	14.69	168	837773	19.726	ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	222452	20.378	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.93	232	168059	20.923	ng/ul	94
56) Diethylphthalate	15.12	149	738007	20.185	ng/ul	100
58) Fluorene	15.35	166	697708	20.080	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.34	204	346696	20.216	ng/ul	95
60) 4-Nitroaniline	15.38	138	171666	19.283	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.45	198	131872	19.698	ng/ul	98
64) N-Nitrosodiphenylamine	15.56	169	614878	20.644	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	221299	21.281	ng/ul#	85
66) Hexachlorobenzene	16.35	284	241427	20.803	ng/ul	95
67) Atrazine	16.52	200	231473	21.257	ng/ul	98
68) Pentachlorophenol	16.70	266	110334	16.984	ng/ul	97
69) Phenanthrene	17.09	178	1127231	20.060	ng/ul	98
71) Anthracene	17.17	178	1155571	20.276	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	294978	20.696	ng/ul	97
73) Pentachlorobenzene	14.62	250	279070	20.543	ng/ul	99
74) Carbazole	17.45	167	1039268	20.563	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1308837	21.302	ng/ul	99
76) Fluoranthene	19.10	202	1320333	20.644	ng/ul	99
79) Pvrene	19.47	202	1334171	21.739	ng/ul	99
80) Butylbenzylphthalate	20.38	149	607570	23.365	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.16	252	425361	20.970	ng/ul	99
82) Benzo(a)anthracene	21.23	228	1281162	20.546	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	886384	22.725	ng/ul	97
84) Chrysene	21.28	228	1180822	20.008	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	1494034	26.605	ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	1165161	21.998	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1061096	21.264	ng/ul	99
90) Benzo(a)pyrene	23.36	252	1030020	20.414	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	1000621	16.670	ng/ul	99
92) Dibenzo(a,h)anthracene	25.68	278	840715	16.753	ng/ul	98
93) Benzo(g,h,i)perylene	26.35	276	811377	16.200	ng/ul	95

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



#2

1,4-Dioxane

Concen: 7.289 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampled :

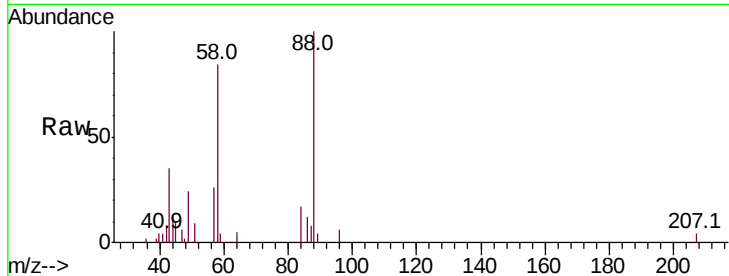
Tot Ion: 88 Resp: 25347

Ion Ratio Lower Upper

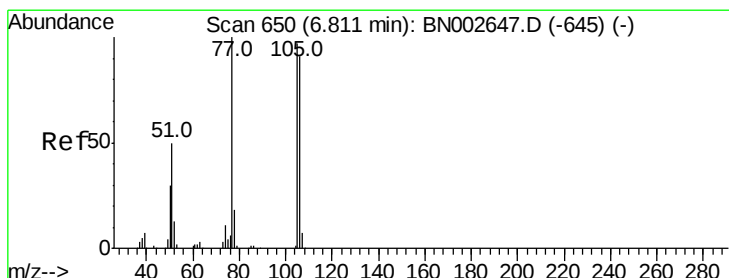
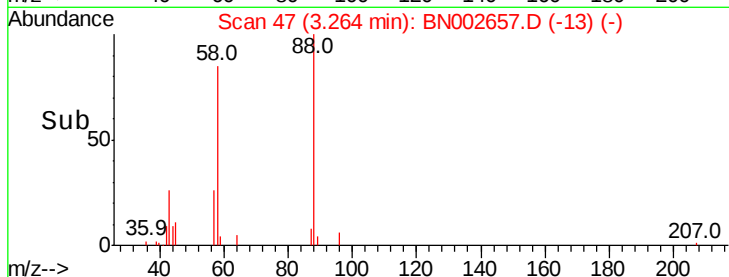
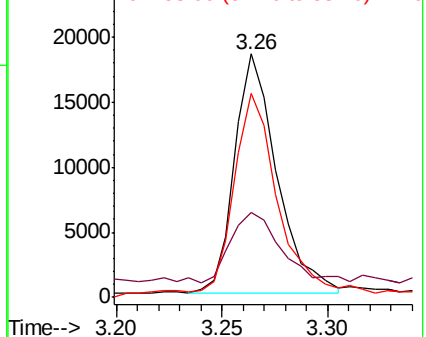
88 100

43 33.3 32.0 48.0

58 82.3 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 17.857 ng/uL

RT: 6.82 min Scan# 651

Delta R.T. 0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

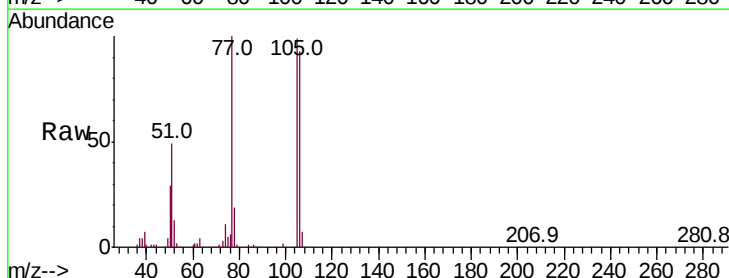
Tgt Ion: 77 Resp: 172577

Ion Ratio Lower Upper

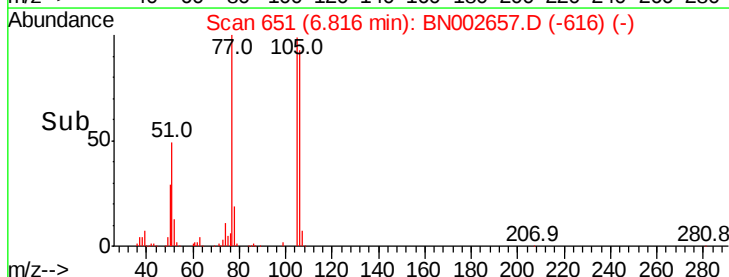
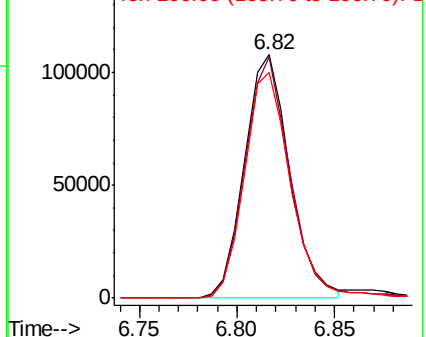
77 100

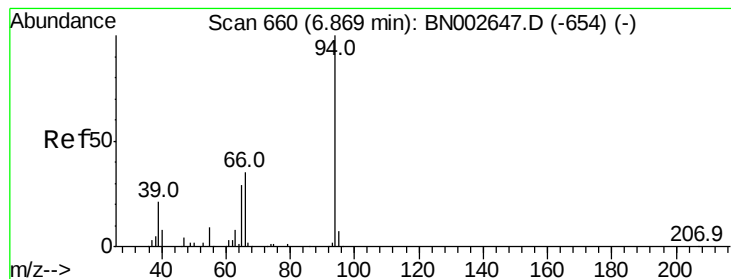
105 98.9 80.6 120.8

106 93.0 77.7 116.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): BN0
Ion 106.00 (105.70 to 106.70): BN0





#6

Phenol

Concen: 19.233 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

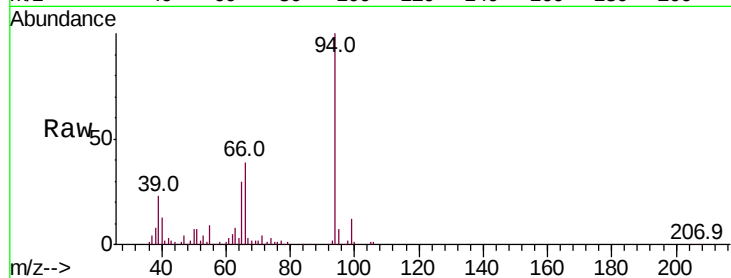
Tot Ion: 94 Resp: 275539

Ion Ratio Lower Upper

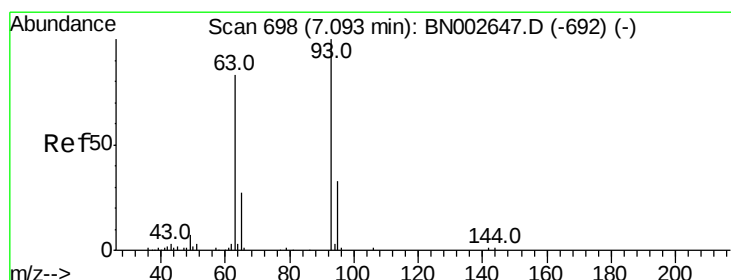
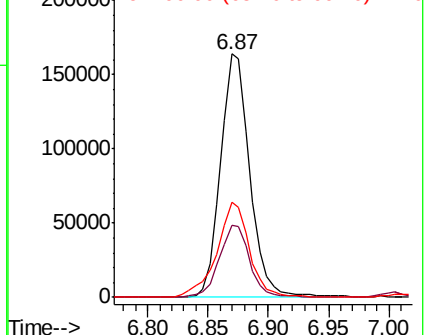
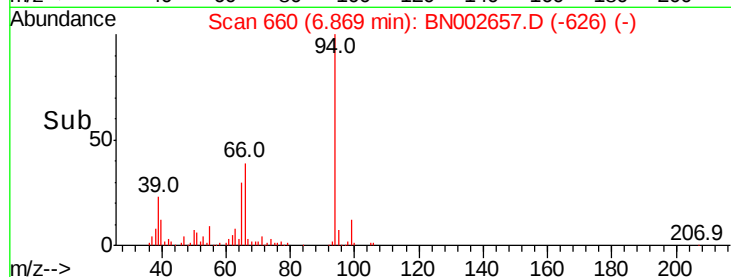
94 100

65 29.7 21.0 31.6

66 39.2 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 19.368 ng/ul

RT: 7.09 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

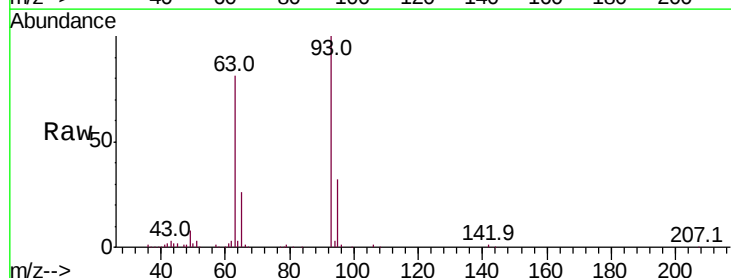
Tgt Ion: 93 Resp: 210936

Ion Ratio Lower Upper

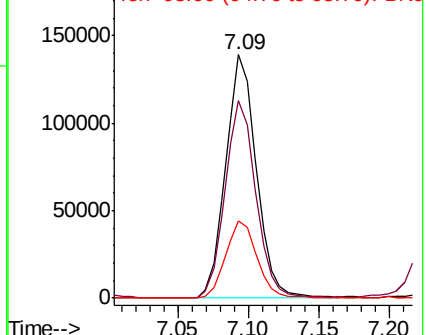
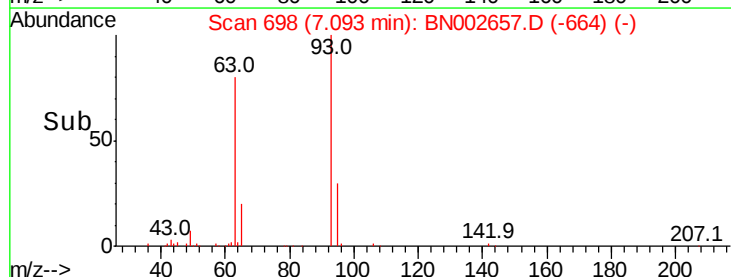
93 100

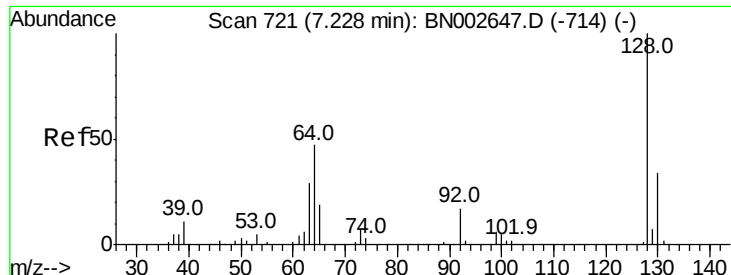
63 81.1 53.5 80.3#

95 31.6 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0

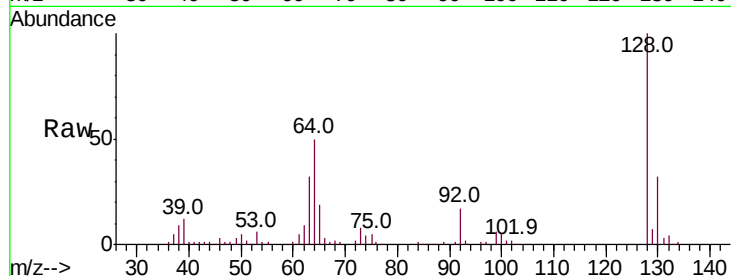




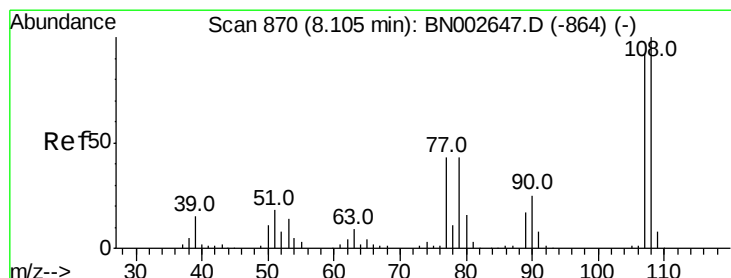
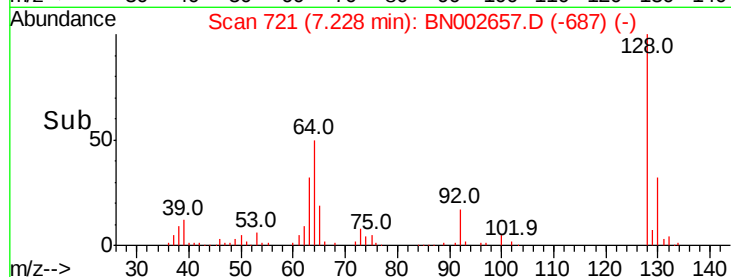
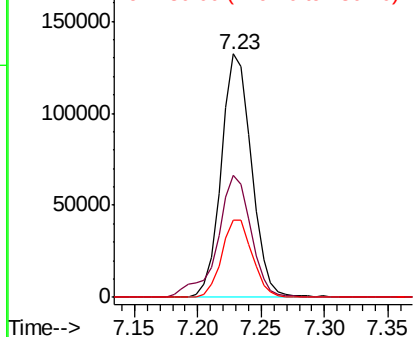
#10
2-Chlorophenol
Concen: 20.331 ng/ul
RT: 7.23 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Instrument :
BNA_N
ClientSampled :

Tot Ion:128 Resp: 219320
Ion Ratio Lower Upper
128 100
64 50.1 31.9 47.9#
130 31.6 25.6 38.4

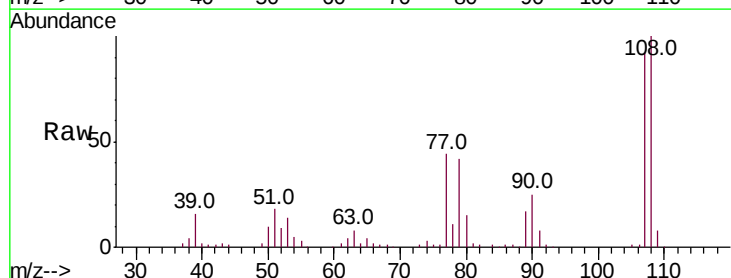


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNO
Ion 130.00 (129.70 to 130.70): E

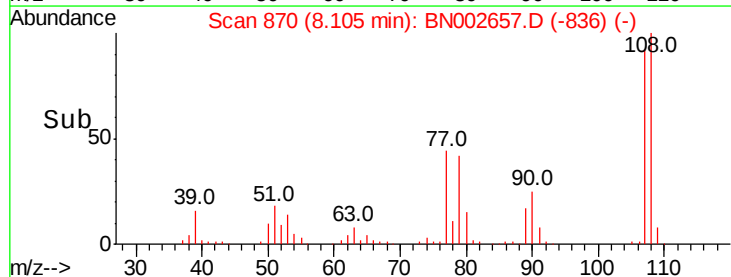
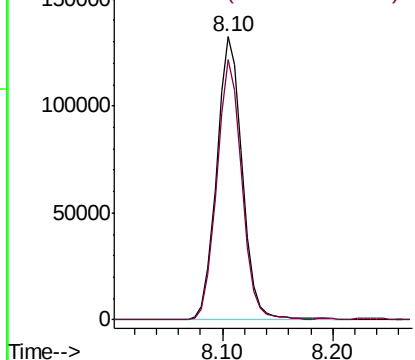


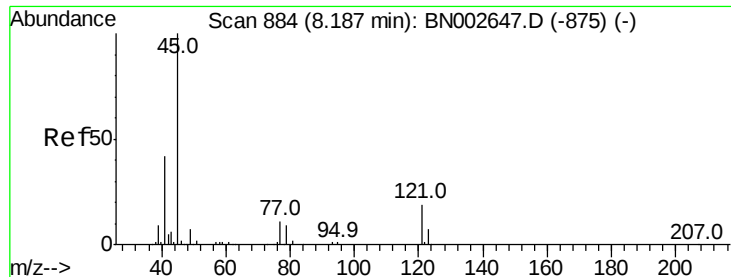
#11
2-Methylphenol
Concen: 19.718 ng/ul
RT: 8.10 min Scan# 870
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion:108 Resp: 213185
Ion Ratio Lower Upper
108 100
107 92.0 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

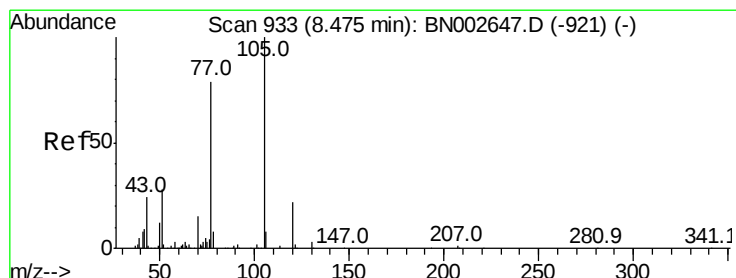
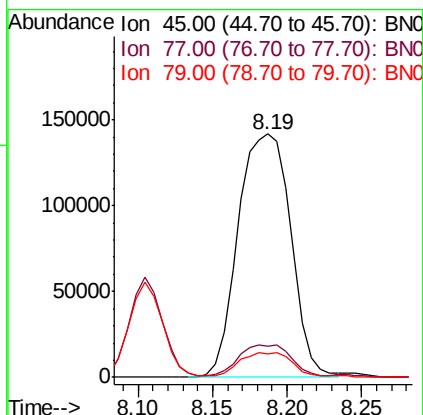
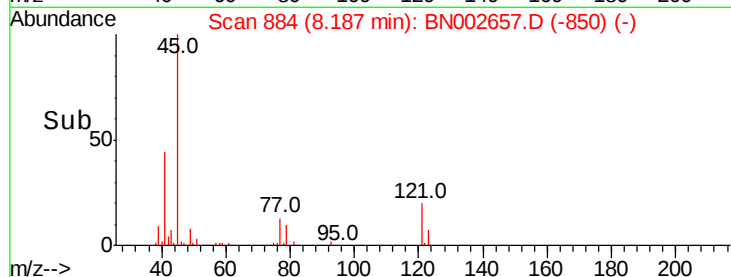
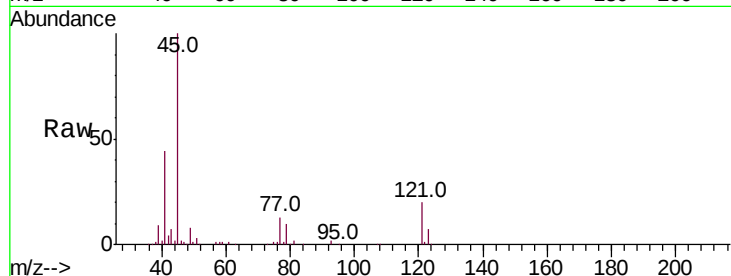




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.224 ng/ul
RT: 8.19 min Scan# 884
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

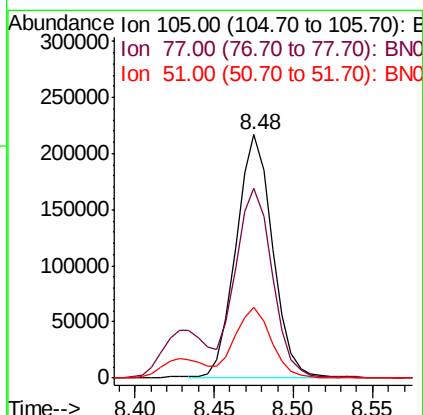
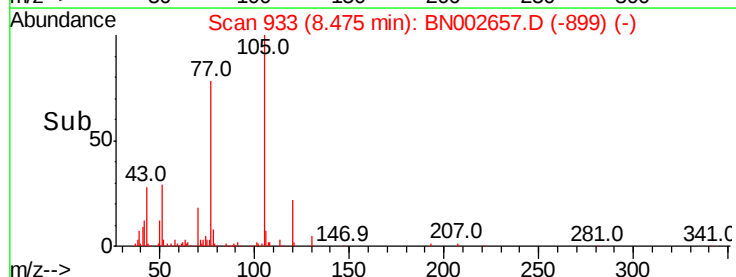
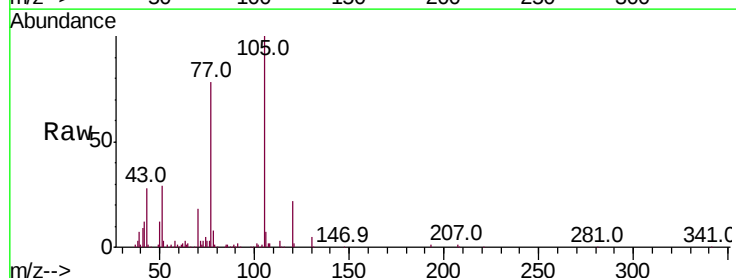
Instrument :
BNA_N
ClientSampleId :

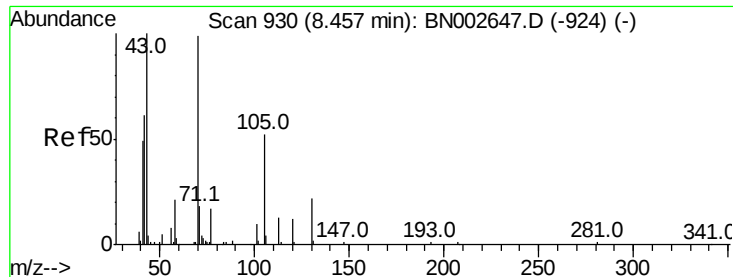
Tot Ion: 45 Resp: 346742
Ion Ratio Lower Upper
45 100
77 12.8 15.9 23.9#
79 9.9 12.5 18.7#



#14
Acetophenone
Concen: 19.013 ng/ul
RT: 8.48 min Scan# 933
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion:105 Resp: 341847
Ion Ratio Lower Upper
105 100
77 77.8 59.0 88.4
51 29.2 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 19.142 ng/ul

RT: 8.46 min Scan# 930

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

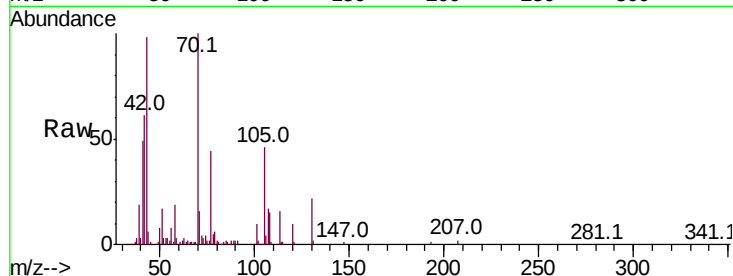
BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 181599

Ion Ratio Lower Upper

70	100		
42	60.7	35.4	53.0#
101	10.3	8.4	12.6
130	22.4	18.2	27.4

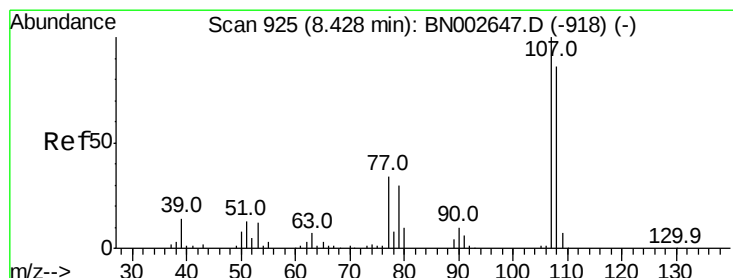
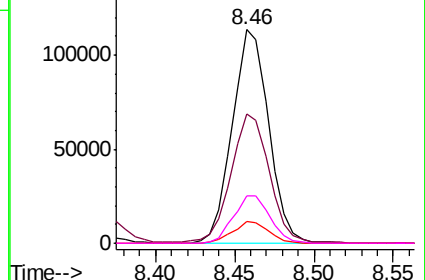
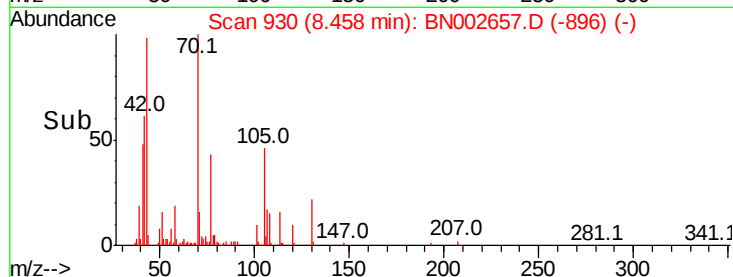


Abundance Ion 70.00 (69.70 to 70.70): BN002647.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BN002647.D (-924) (-)

Ion 101.00 (100.70 to 101.70): BN002647.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BN002647.D (-924) (-)



#16

4-Methylphenol

Concen: 19.500 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. 0.00 min

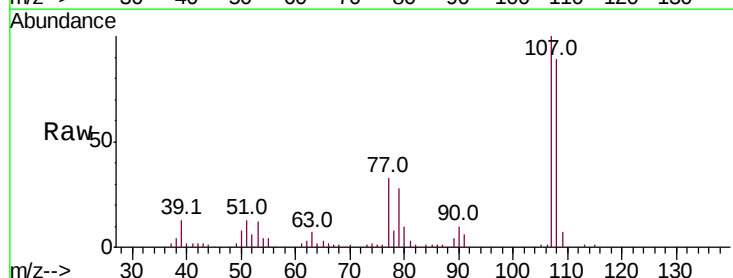
Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Tgt Ion: 108 Resp: 229365

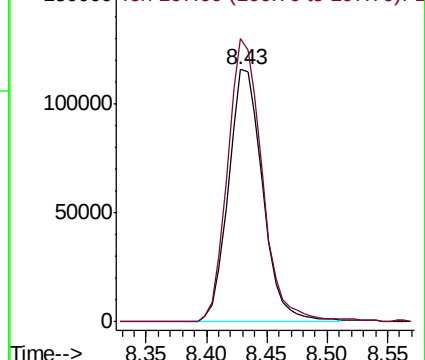
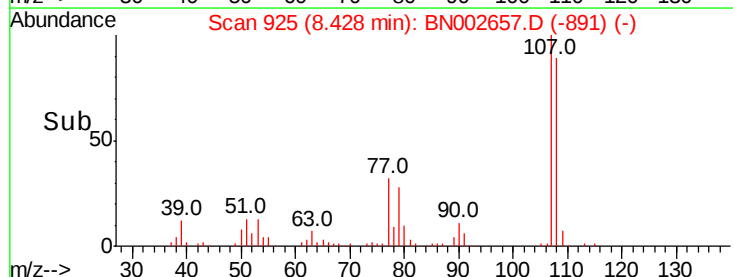
Ion Ratio Lower Upper

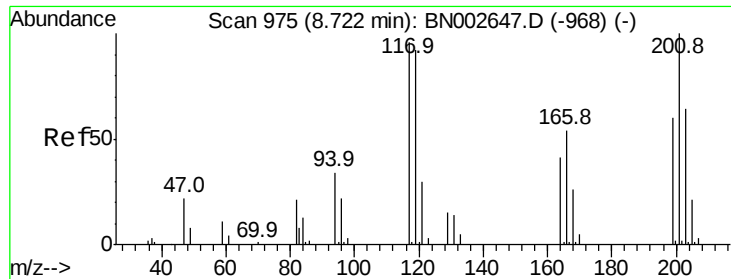
108	100		
107	112.2	90.3	135.5



Abundance Ion 108.00 (107.70 to 108.70): BN002647.D (-918) (-)

Ion 107.00 (106.70 to 107.70): BN002647.D (-918) (-)

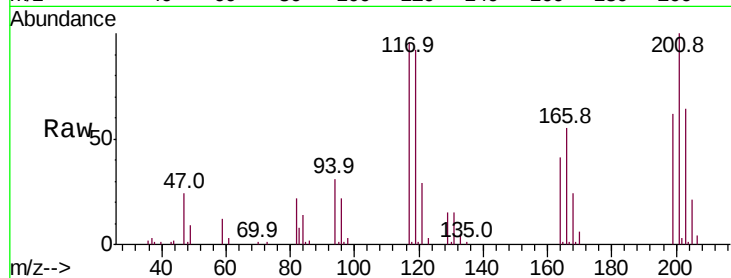




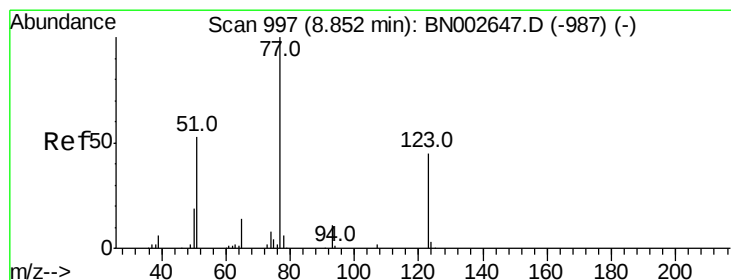
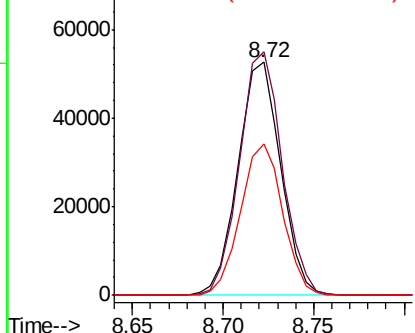
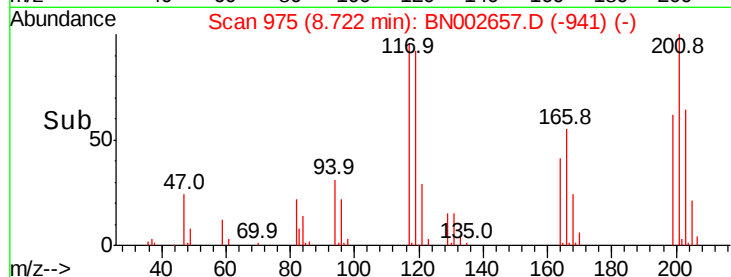
#17
Hexachloroethane
Concen: 19.077 ng/ul
RT: 8.72 min Scan# 975
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:117 Resp: 86206
Ion Ratio Lower Upper
117 100
201 104.4 81.5 122.3
199 64.8 50.6 76.0

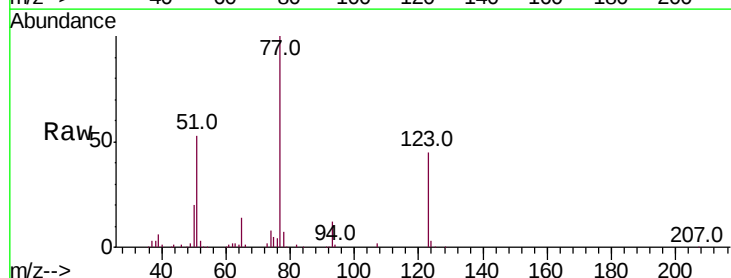


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

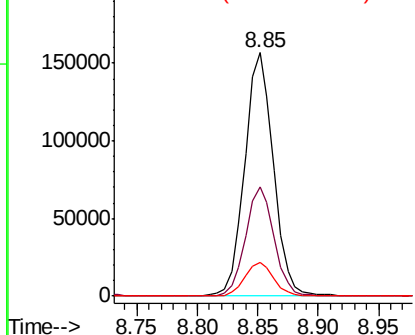
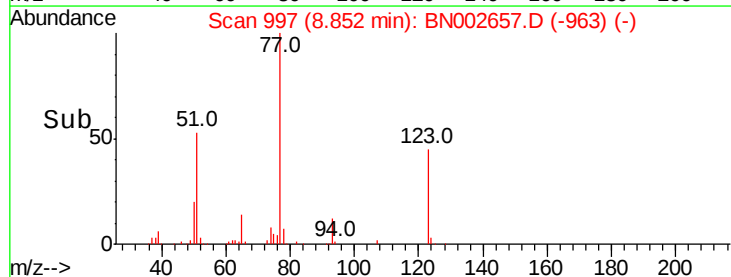


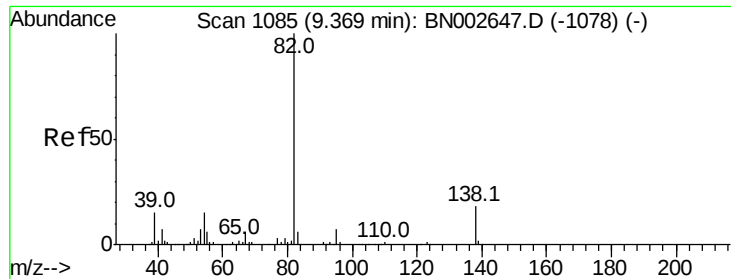
#20
Nitrobenzene
Concen: 19.269 ng/ul
RT: 8.85 min Scan# 997
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion: 77 Resp: 260949
Ion Ratio Lower Upper
77 100
123 45.0 39.0 58.4
65 14.0 10.4 15.6



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

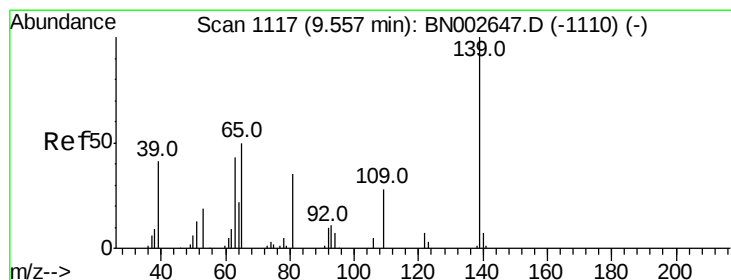
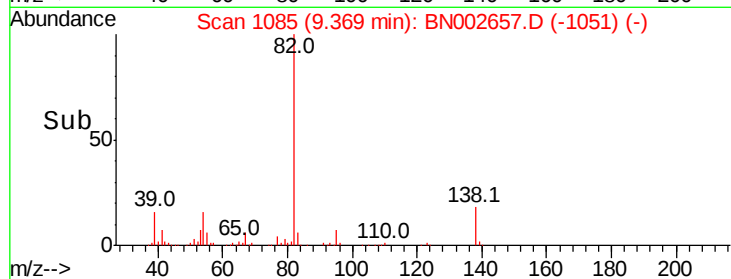
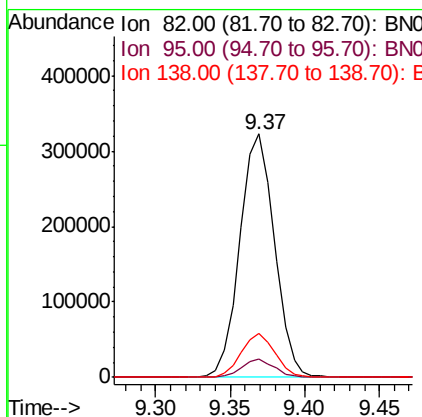
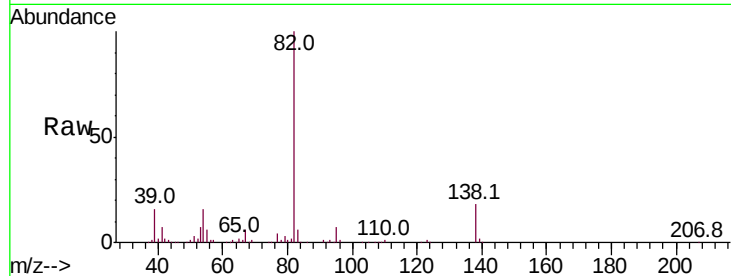




#21
Isophorone
Concen: 19.958 ng/ul
RT: 9.37 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

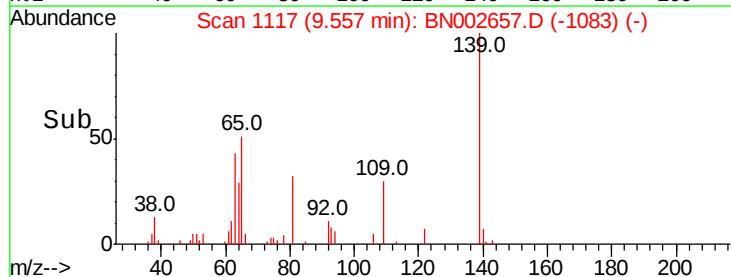
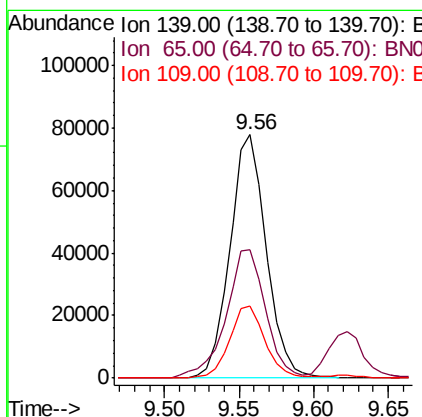
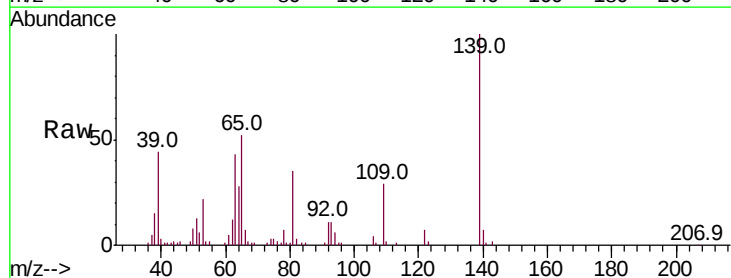
Instrument :
BNA_N
ClientSampleId :

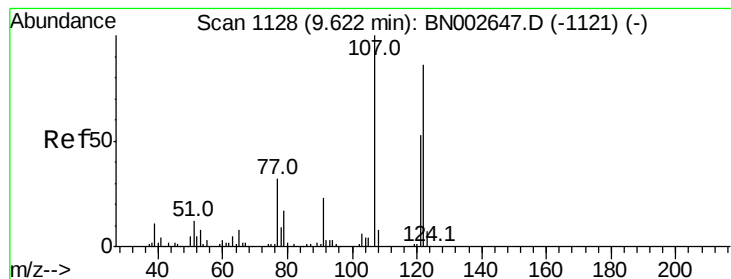
Tot Ion: 82 Resp: 521041
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.2 14.9 22.3



#23
2-Nitrophenol
Concen: 21.164 ng/ul
RT: 9.56 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion: 139 Resp: 132381
Ion Ratio Lower Upper
139 100
65 52.5 36.3 54.5
109 29.4 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 20.712 ng/ul

RT: 9.62 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

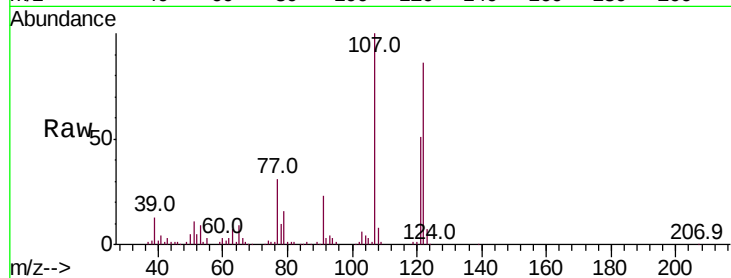
Tot Ion:107 Resp: 265665

Ion Ratio Lower Upper

107 100

121 51.4 40.6 61.0

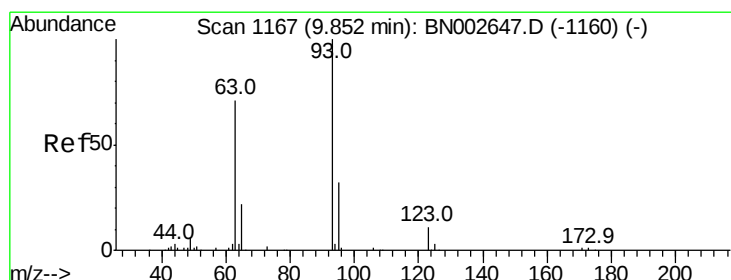
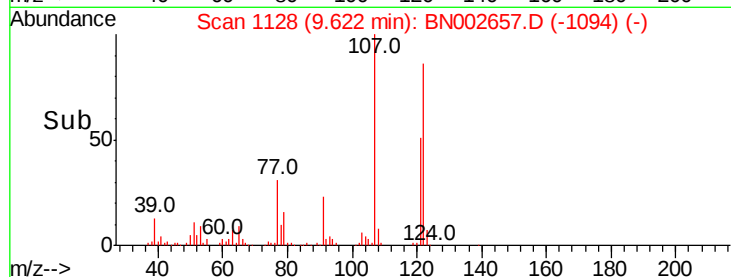
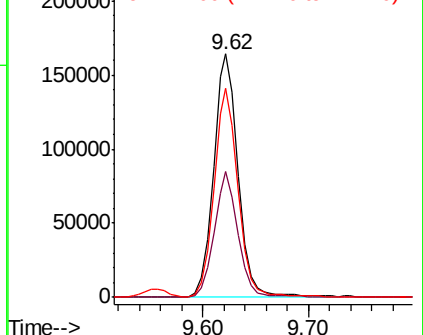
122 85.9 67.8 101.6



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: 20.016 ng/ul

RT: 9.85 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

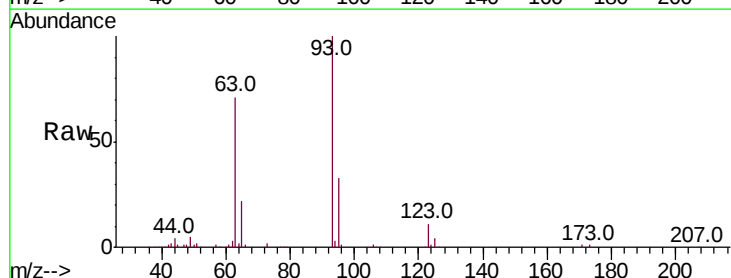
Tgt Ion: 93 Resp: 307873

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

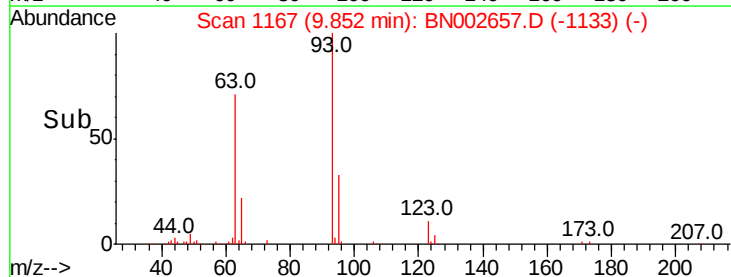
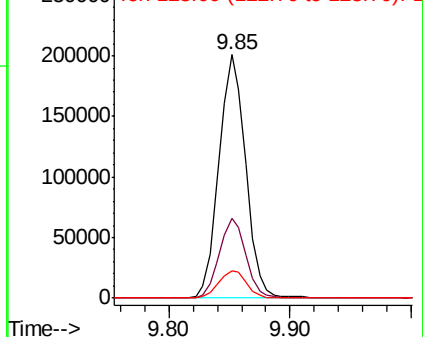
123 11.3 9.8 14.8

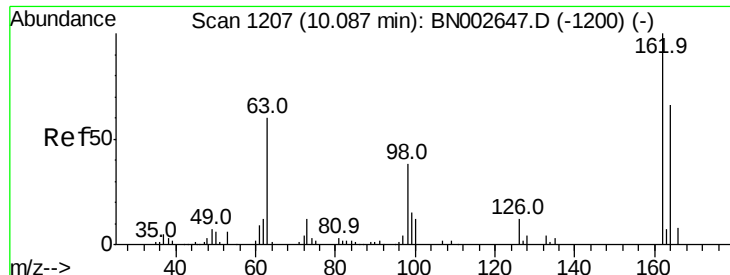


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

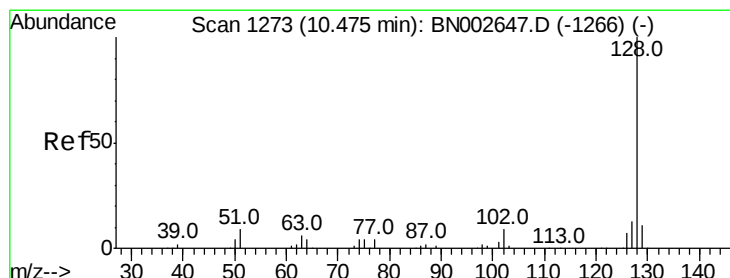
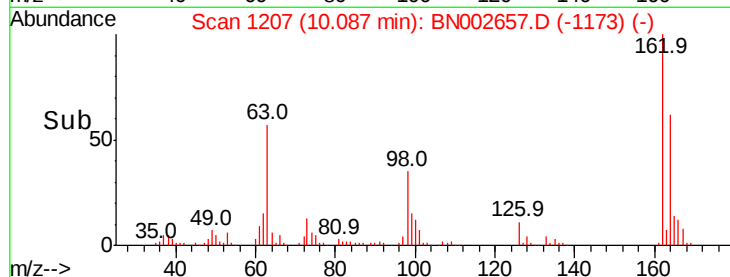
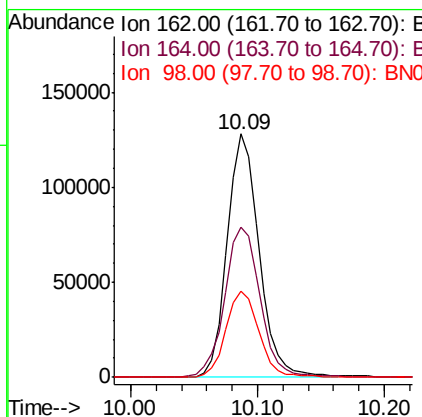
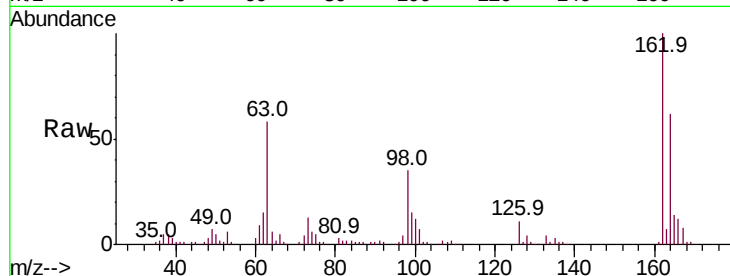




#27
2,4-Dichlorophenol
Concen: 21.127 ng/ul
RT: 10.09 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

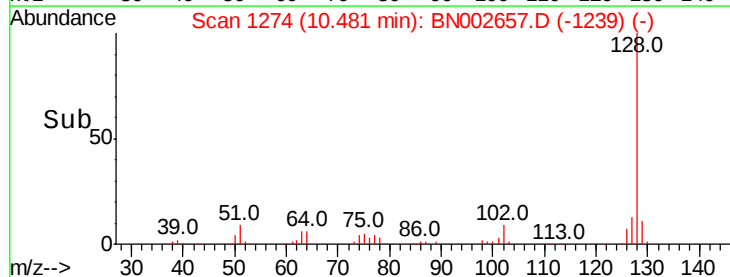
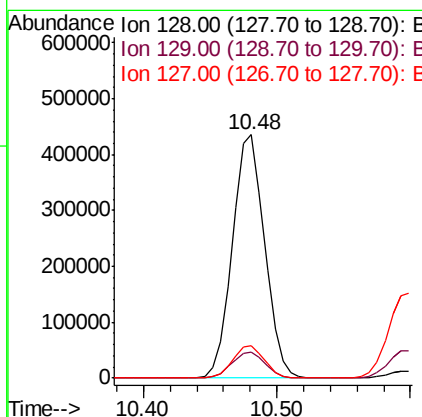
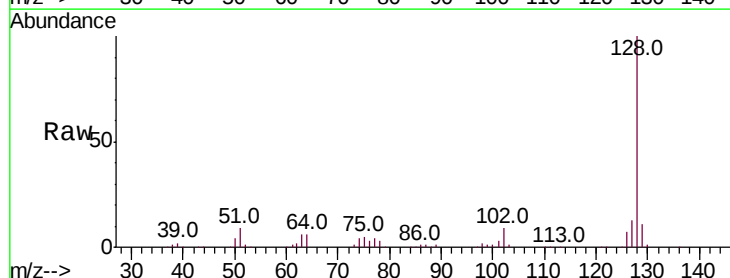
Instrument :
BNA_N
ClientSampleId :

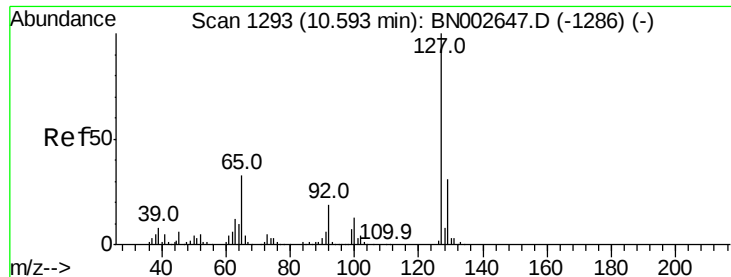
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	52.1	78.1
98	35.2	28.4	42.6



#28
Naphthalene
Concen: 20.034 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.5	10.5	15.7

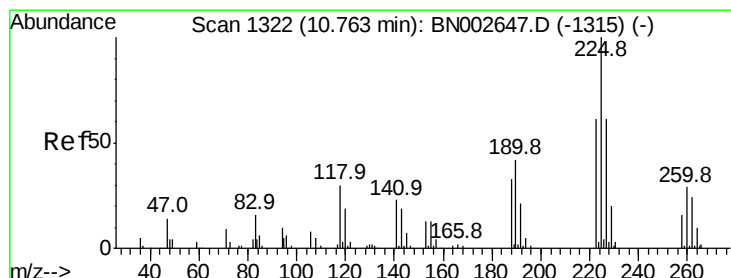
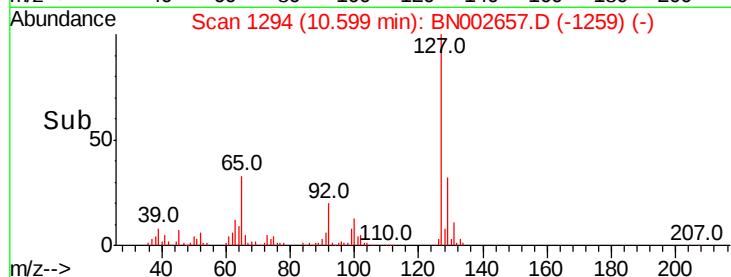
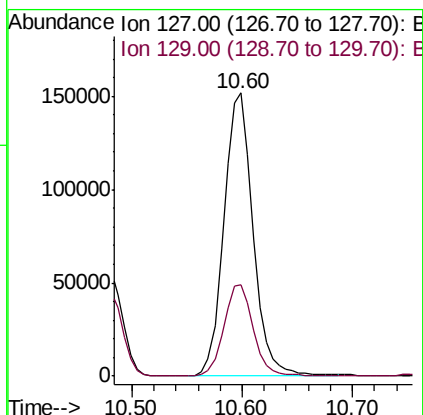
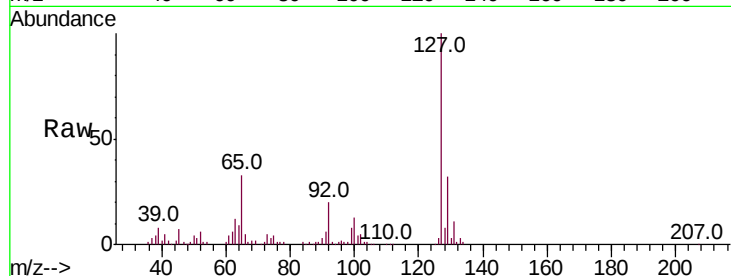




#30
4-Chloroaniline
Concen: 23.509 ng/ul
RT: 10.60 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

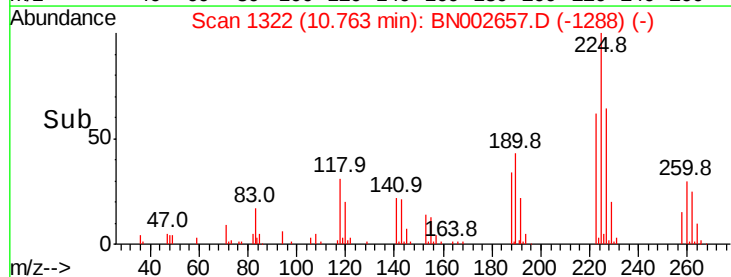
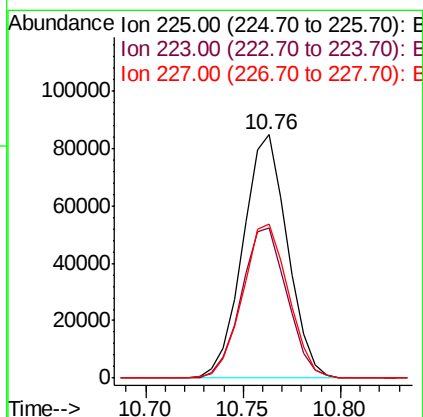
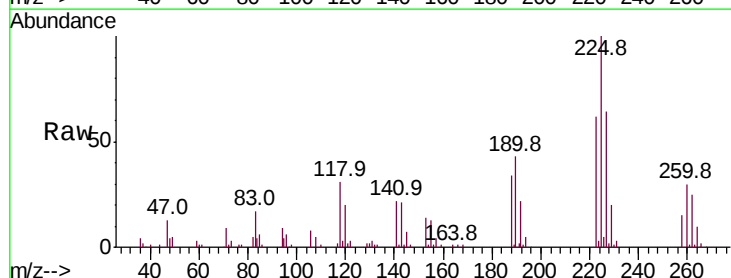
Instrument :
BNA_N
ClientSampleId :

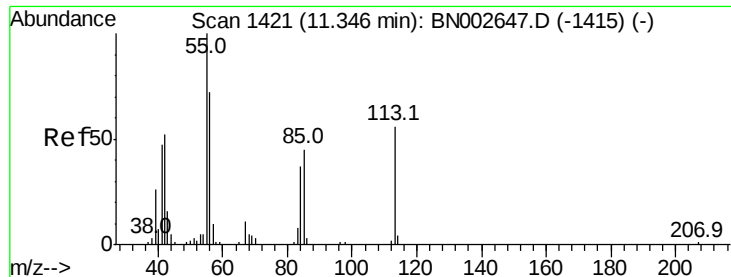
Tot Ion:127 Resp: 280941
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2



#31
Hexachlorobutadiene
Concen: 20.110 ng/ul
RT: 10.76 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion:225 Resp: 134042
Ion Ratio Lower Upper
225 100
223 61.5 51.4 77.2
227 63.5 50.7 76.1





#32

Caprolactam

Concen: 19.972 ng/ul

RT: 11.35 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

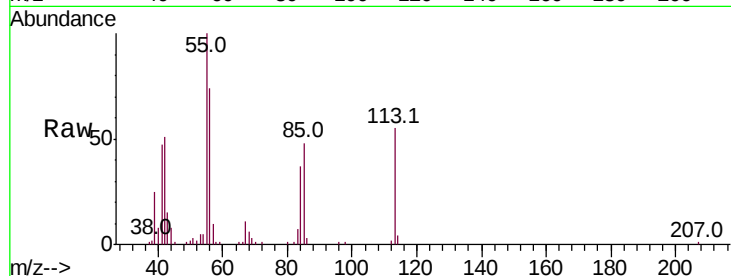
Tot Ion:113 Resp: 79445

Ion Ratio Lower Upper

113 100

55 181.3 101.9 152.9#

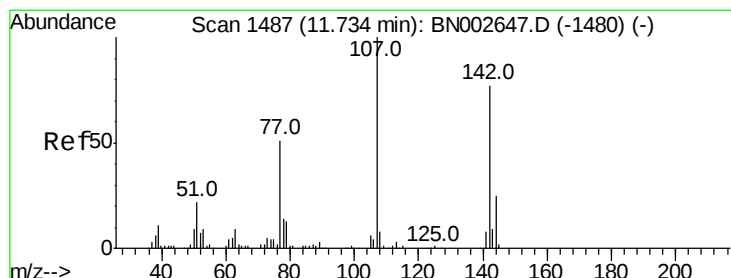
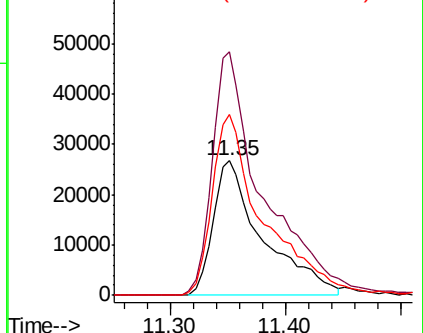
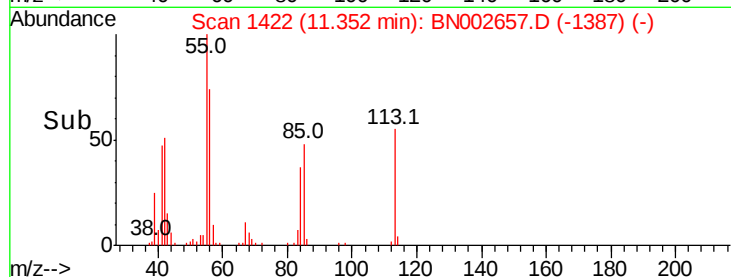
56 134.9 81.2 121.8#



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



#33

4-Chloro-3-methylphenol

Concen: 20.816 ng/ul

RT: 11.73 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

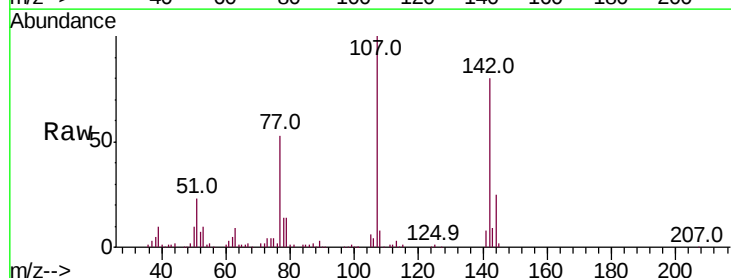
Tgt Ion:107 Resp: 253624

Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

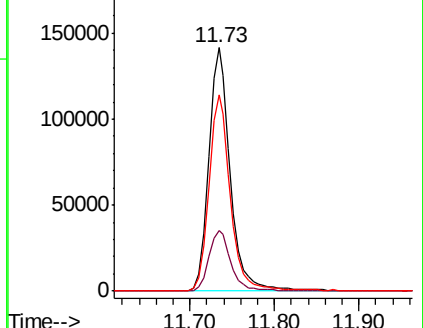
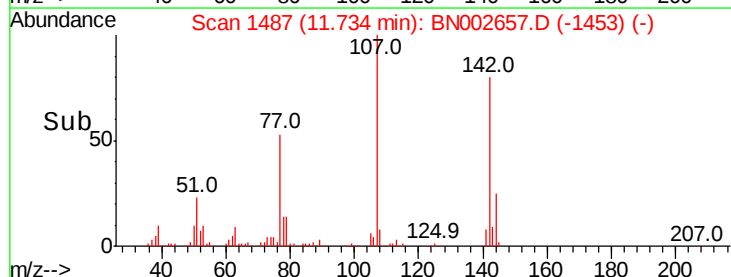
142 80.4 62.5 93.7

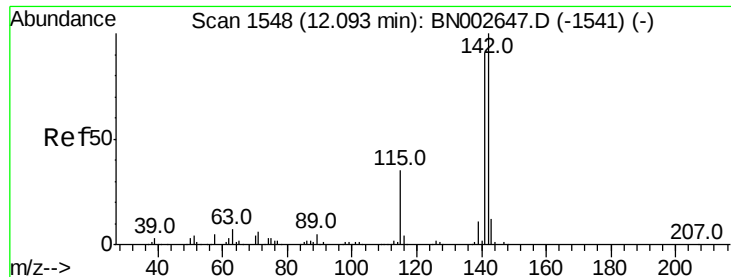


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.118 ng/ul

RT: 12.10 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

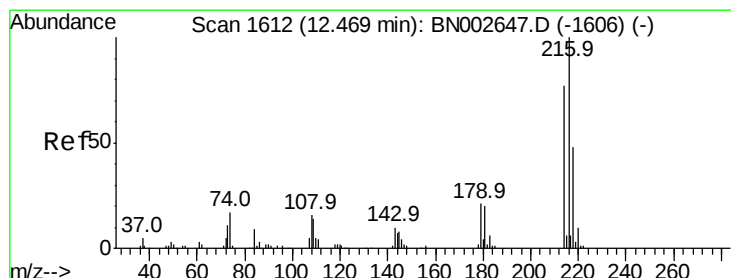
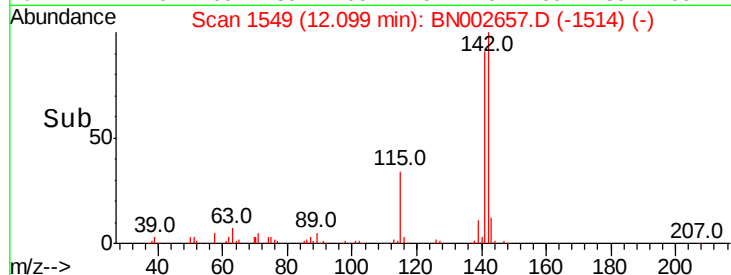
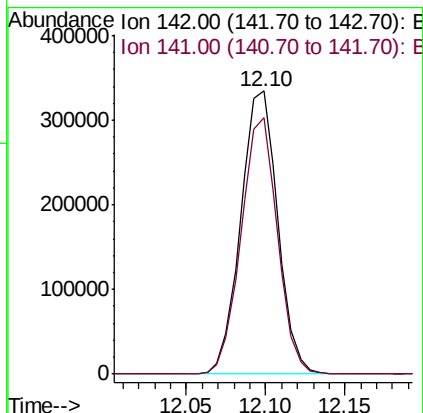
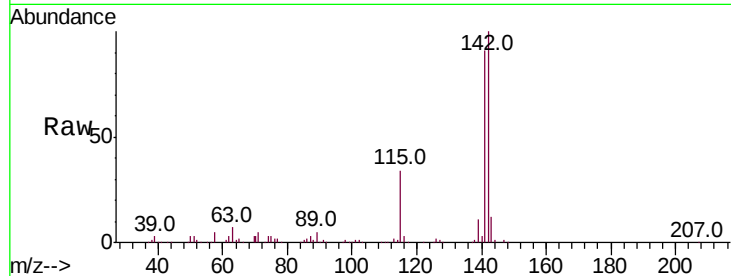
ClientSampleId :

Tot Ion:142 Resp: 543107

Ion Ratio Lower Upper

142 100

141 90.6 71.6 107.4



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.396 ng/ul

RT: 12.47 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Tgt Ion:216 Resp: 272306

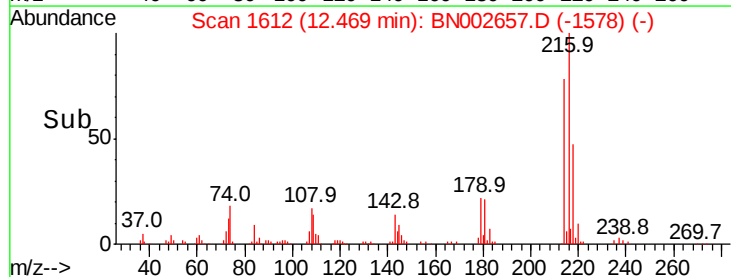
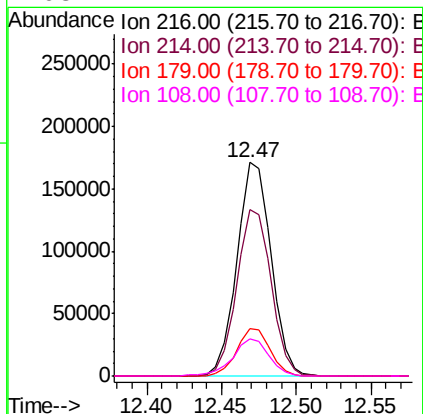
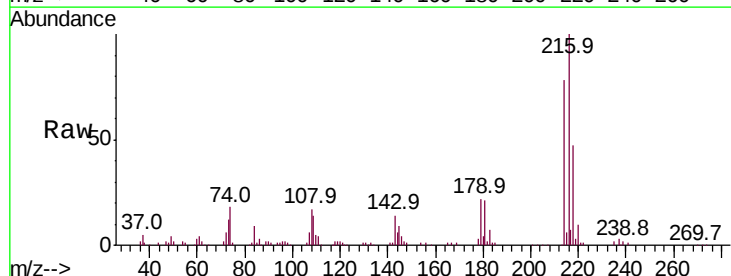
Ion Ratio Lower Upper

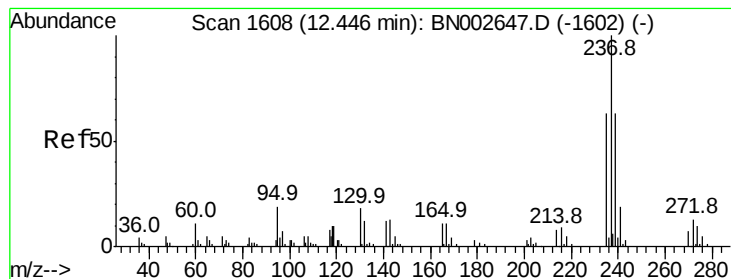
216 100

214 78.0 62.5 93.7

179 22.3 18.2 27.2

108 17.2 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 15.309 ng/ul

RT: 12.45 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampled :

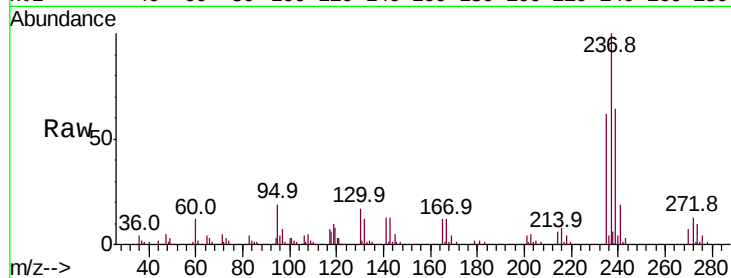
Tot Ion:237 Resp: 124160

Ion Ratio Lower Upper

237 100

235 61.6 50.4 75.6

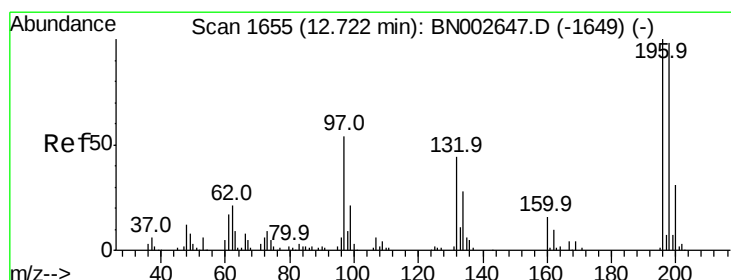
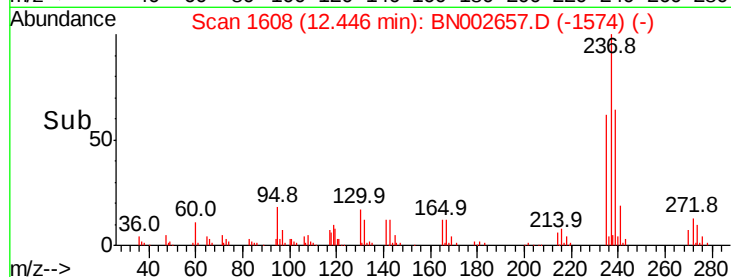
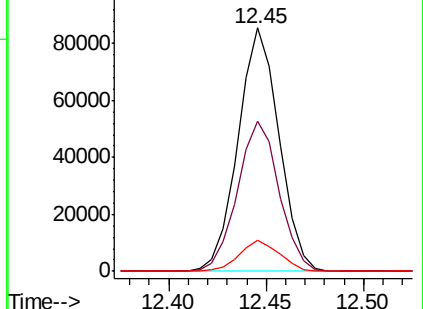
272 12.9 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.035 ng/ul

RT: 12.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

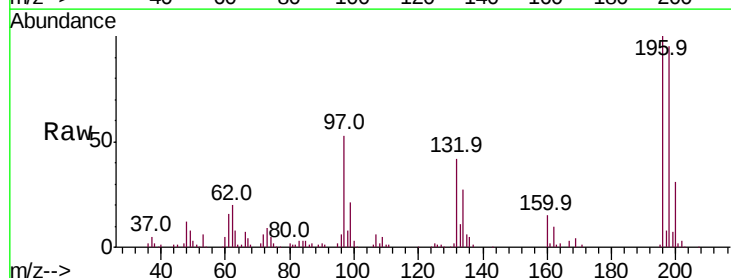
Tgt Ion:196 Resp: 180836

Ion Ratio Lower Upper

196 100

198 95.3 76.6 114.8

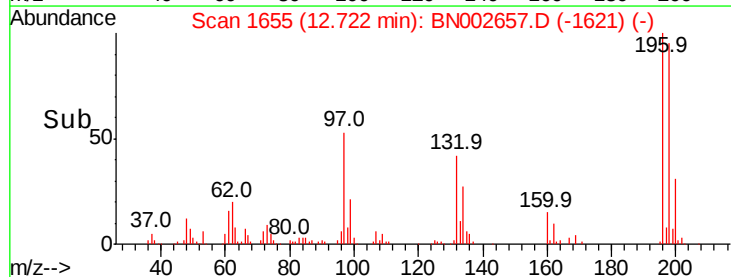
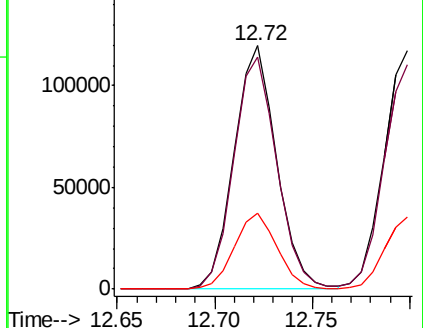
200 31.2 24.7 37.1

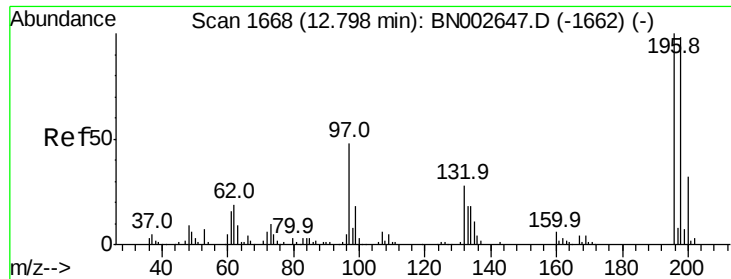


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

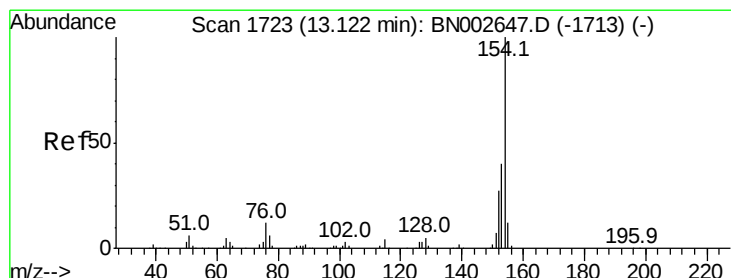
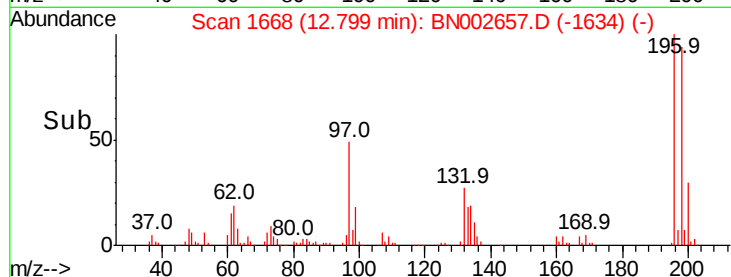
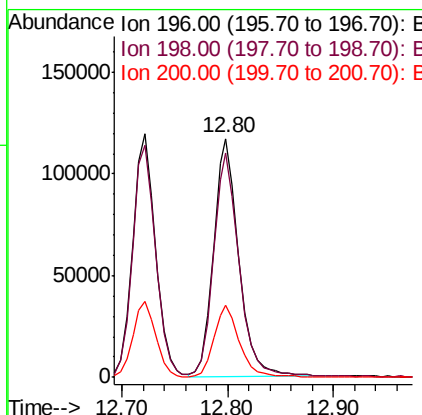
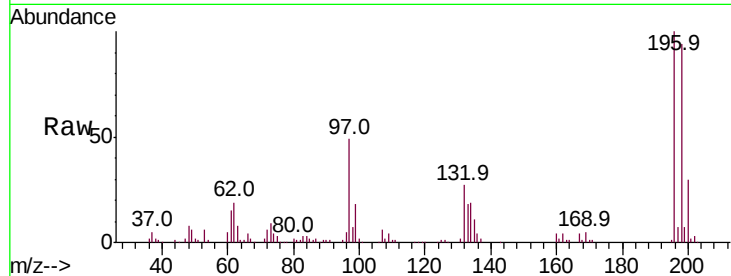




#39
 2,4,5-Trichlorophenol
 Concen: 21.275 ng/ul
 RT: 12.80 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

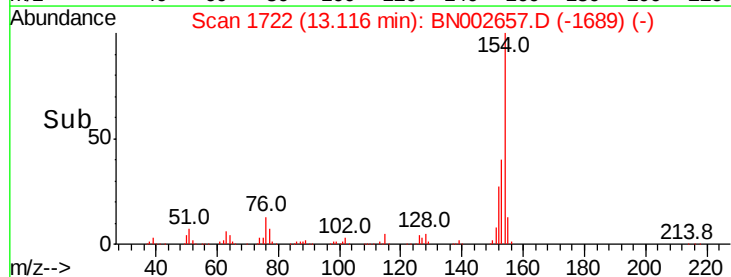
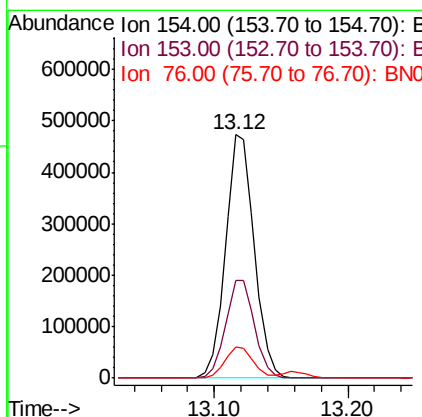
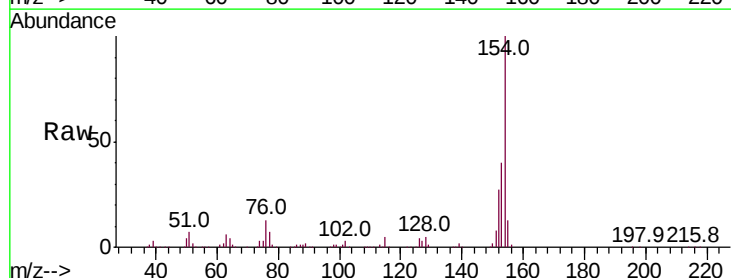
Instrument :
 BNA_N
 ClientSampleId :

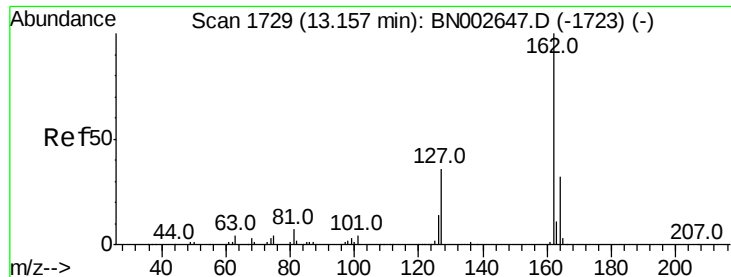
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.9	115.3
200	30.0	25.0	37.4



#40
 1,1'-Biphenyl
 Concen: 20.064 ng/ul
 RT: 13.12 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.1	48.1
76	12.9	9.5	14.3

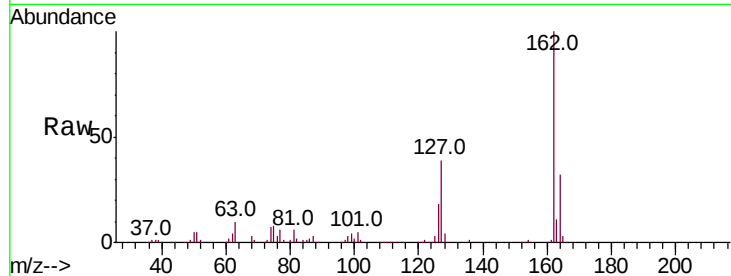




#41
 2-Chloronaphthalene
 Concen: 20.166 ng/ul
 RT: 13.16 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	31.8	25.9	38.9
127	39.2	34.1	51.1

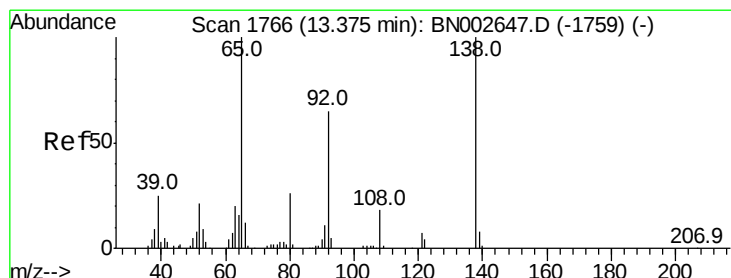
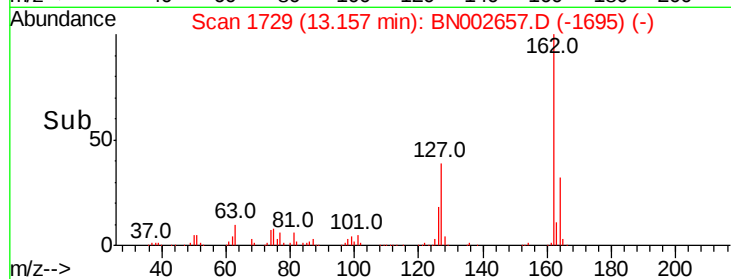
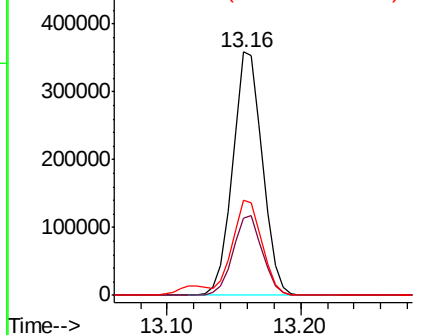


Abundance

Ion 162.00 (161.70 to 162.70): E

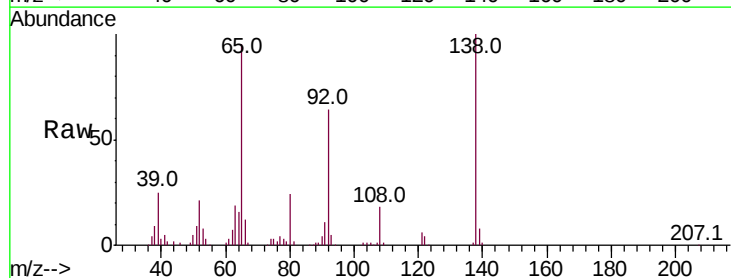
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42
 2-Nitroaniline
 Concen: 19.759 ng/ul
 RT: 13.37 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	60.4	90.6
138	104.8	99.8	149.6

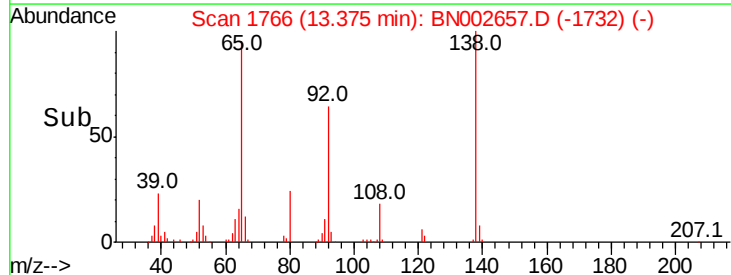
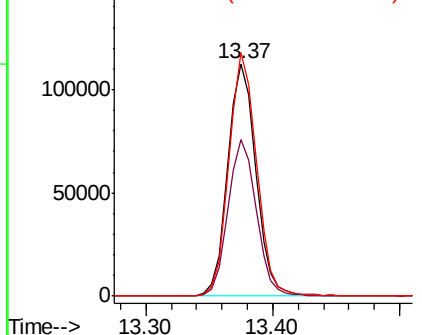


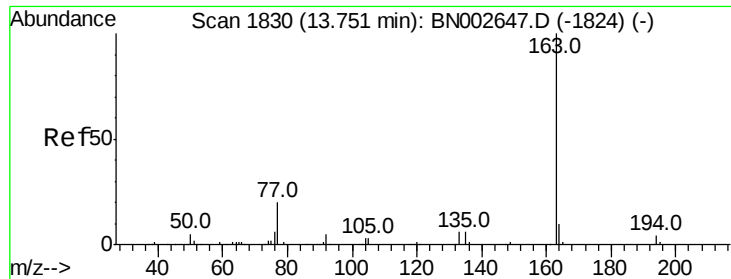
Abundance

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

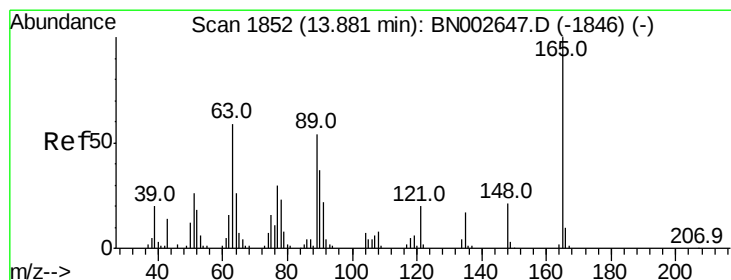
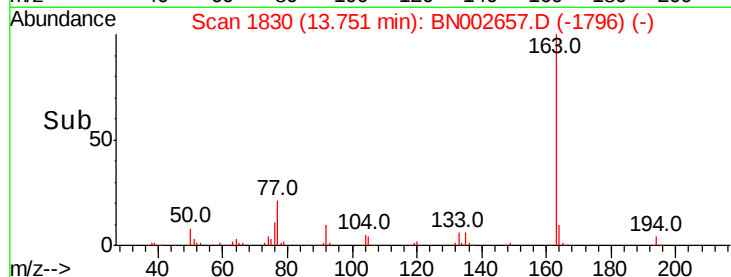
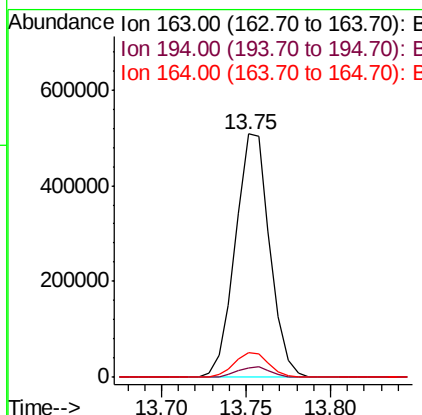
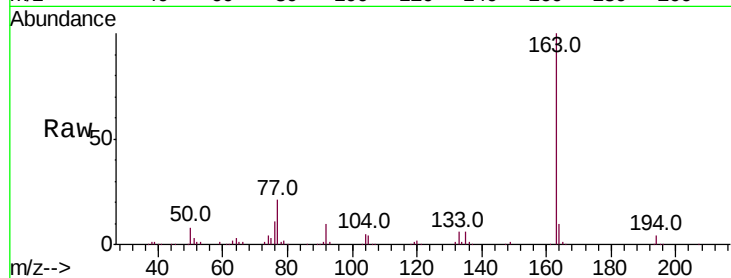




#44
Dimethylphthalate
Concen: 20.079 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

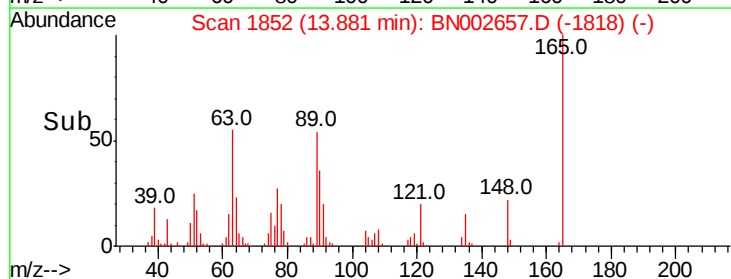
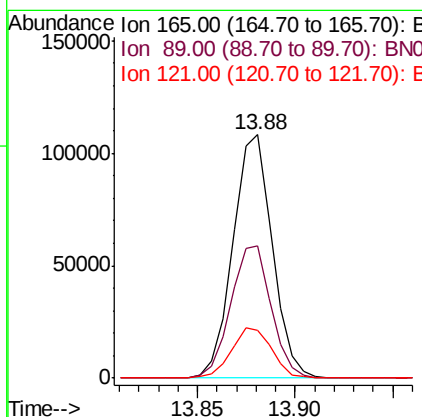
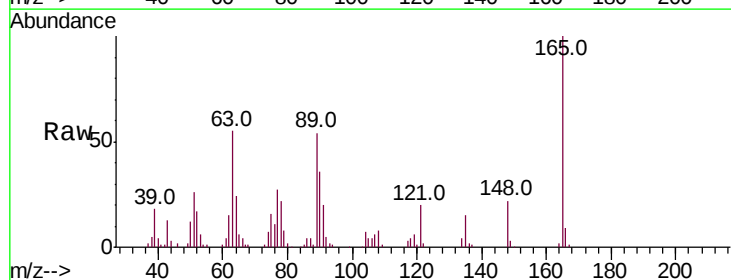
Instrument :
BNA_N
ClientSampleId :

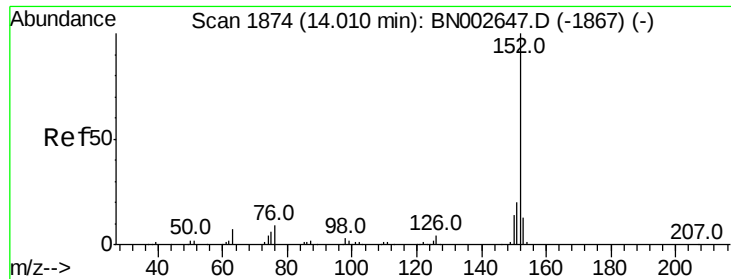
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	7.8	11.8



#45
2,6-Dinitrotoluene
Concen: 20.893 ng/ul
RT: 13.88 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
165	100		
89	54.3	42.4	63.6
121	19.9	16.6	24.8





#47

Acenaphthylene

Concen: 20.135 ng/ul

RT: 14.01 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

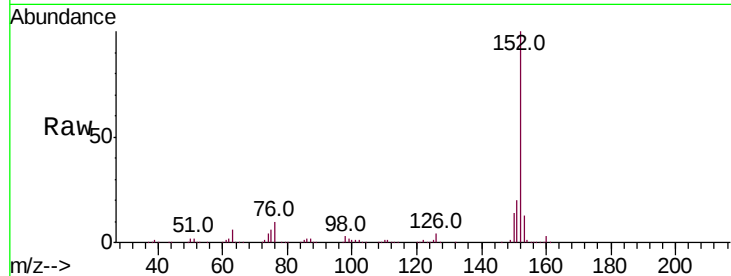
Tot Ion:152 Resp: 859286

Ion Ratio Lower Upper

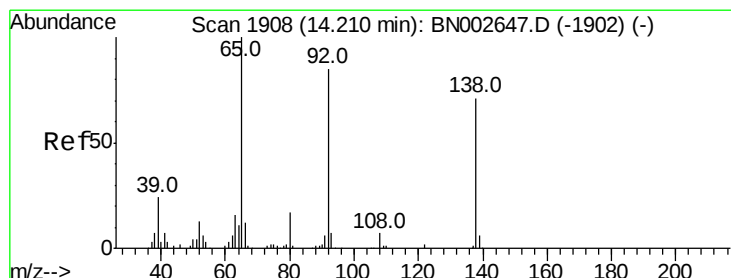
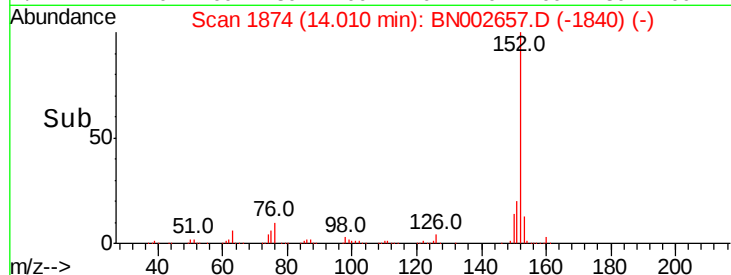
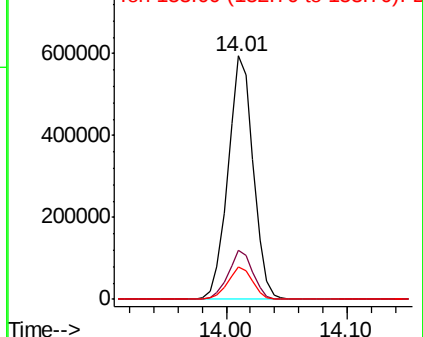
152 100

151 20.1 15.7 23.5

153 13.1 10.5 15.7



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: 20.914 ng/ul

RT: 14.21 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

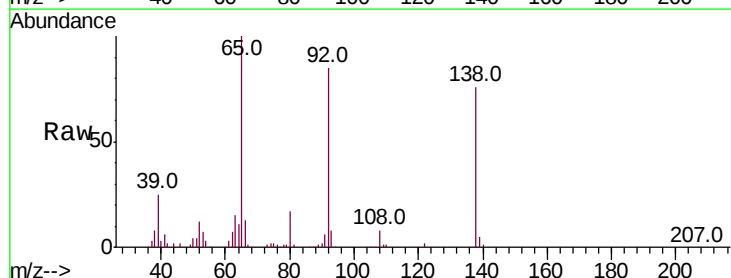
Tgt Ion:138 Resp: 144068

Ion Ratio Lower Upper

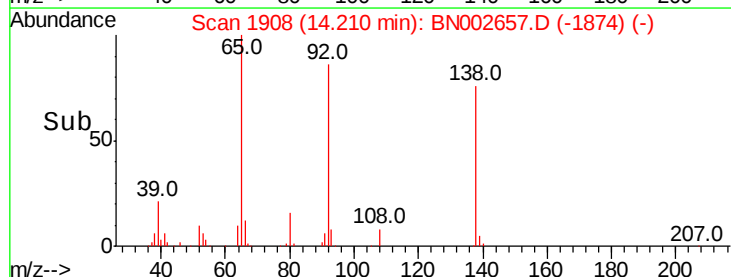
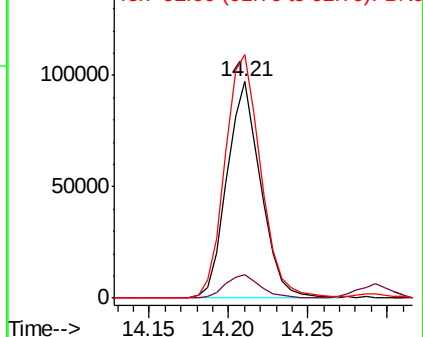
138 100

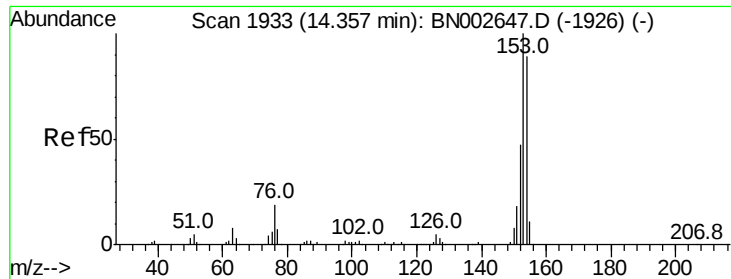
108 11.1 8.7 13.1

92 112.6 88.2 132.4



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): BNO





#49

Acenaphthene

Concen: 19.940 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

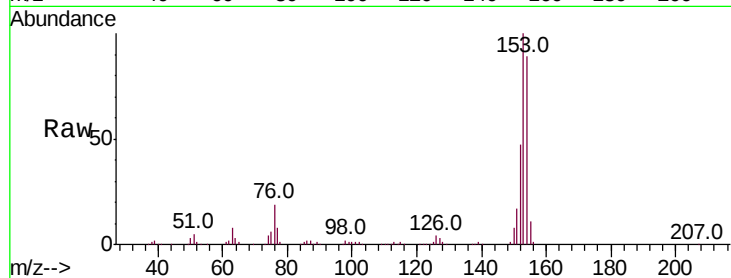
Tot Ion:153 Resp: 600277

Ion Ratio Lower Upper

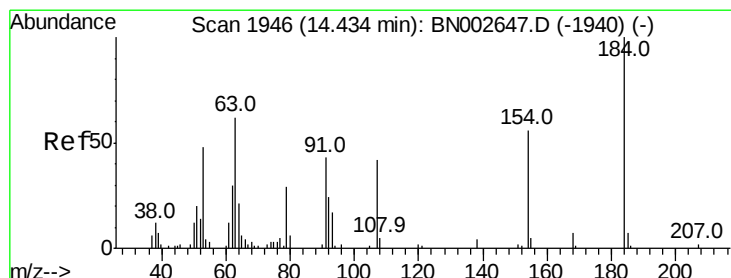
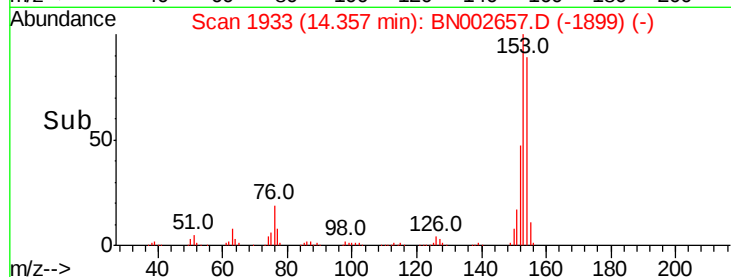
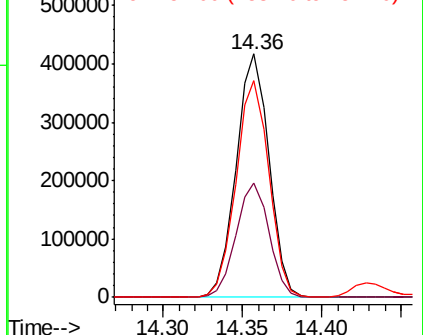
153 100

152 46.9 38.3 57.5

154 89.1 71.8 107.8



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: 17.087 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

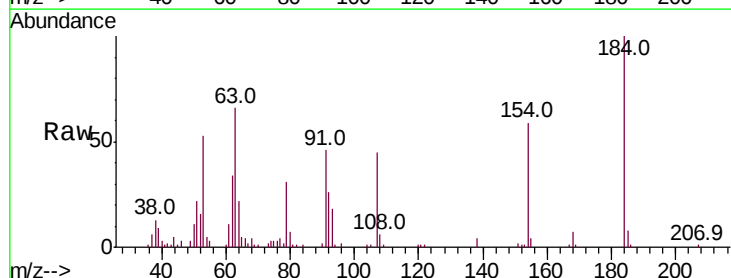
Tgt Ion:184 Resp: 74017

Ion Ratio Lower Upper

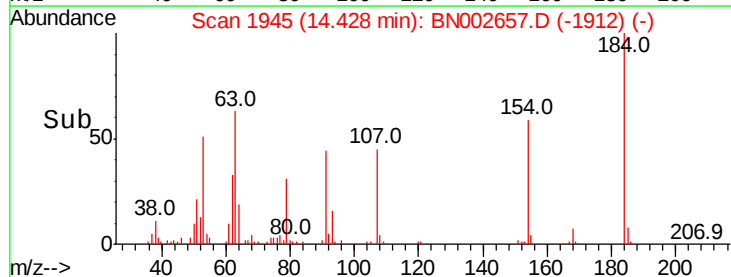
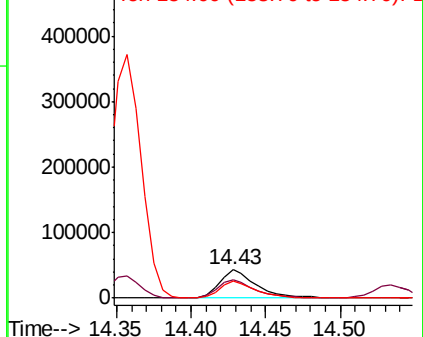
184 100

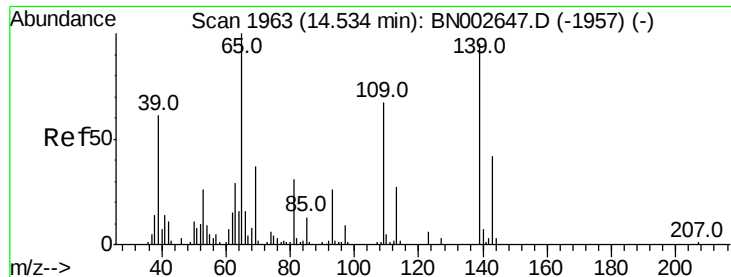
63 66.2 76.0 114.0#

154 59.0 300.0 450.0#



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





#52

4-Nitrophenol

Concen: 15.773 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

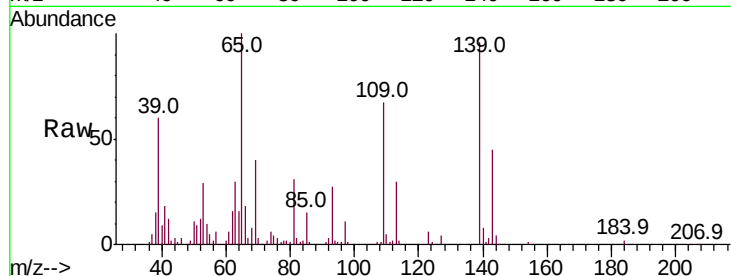
Tot Ion:109 Resp: 82571

Ion Ratio Lower Upper

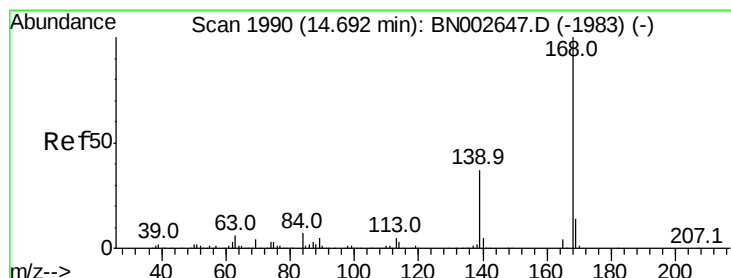
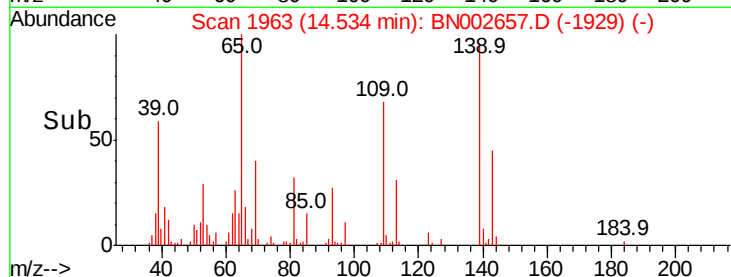
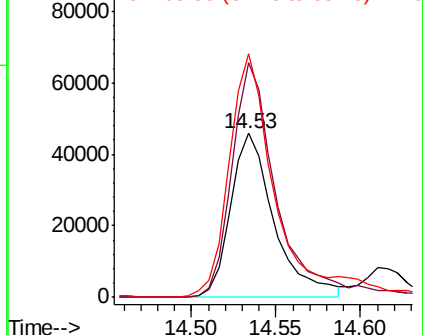
109 100

139 143.0 103.7 155.5

65 148.5 89.4 134.2#



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: 19.726 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BN002657.D

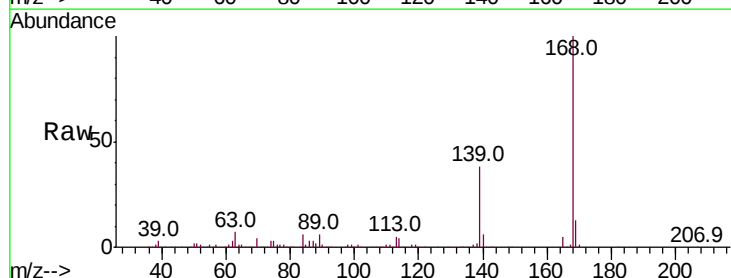
Acq: 12 Sep 2018 16:32

Tgt Ion:168 Resp: 837773

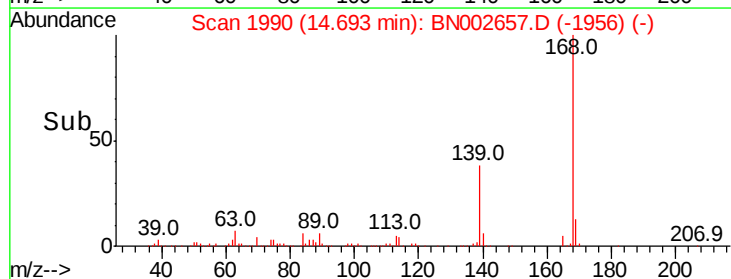
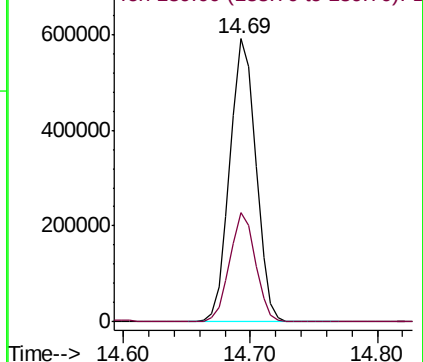
Ion Ratio Lower Upper

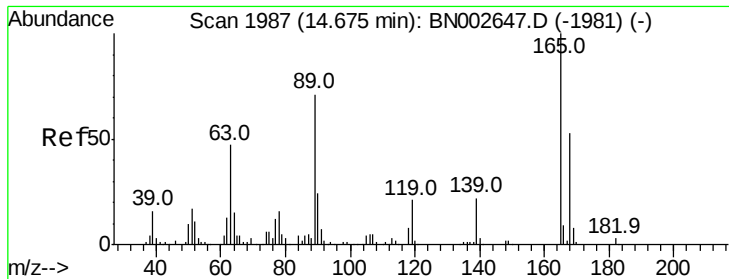
168 100

139 38.5 32.2 48.2



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





#54

2,4-Dinitrotoluene

Concen: 20.378 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

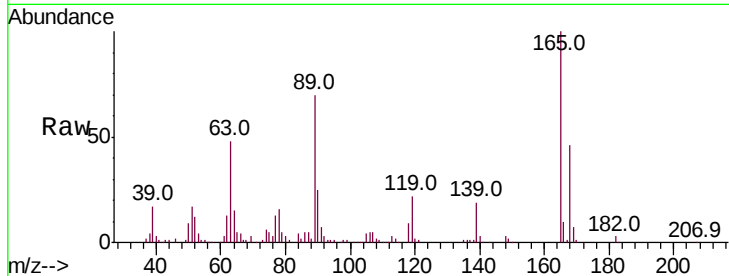
Tot Ion:165 Resp: 222452

Ion Ratio Lower Upper

165 100

63 47.9 29.8 44.6#

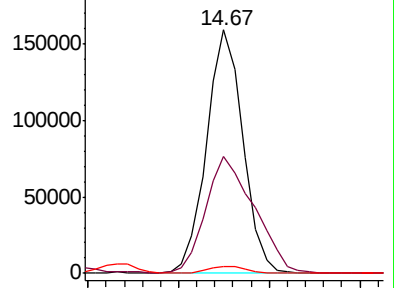
182 2.9 2.2 3.4



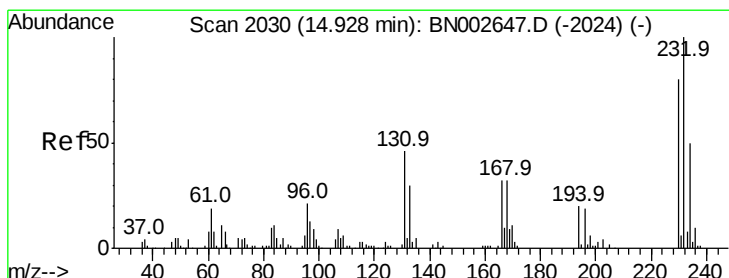
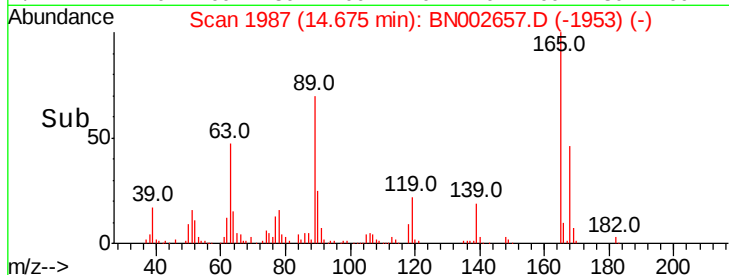
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



Time--> 14.60 14.65 14.70



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.923 ng/ul

RT: 14.93 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Tgt Ion:232 Resp: 168059

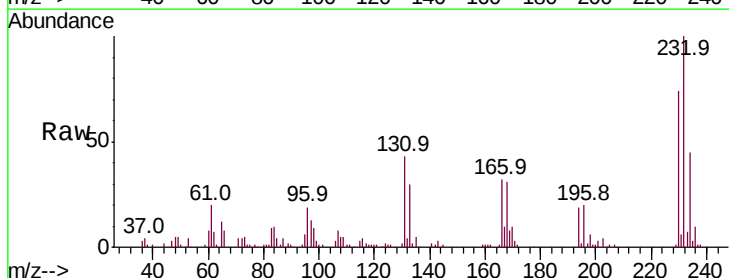
Ion Ratio Lower Upper

232 100

131 43.5 39.4 59.2

130 2.3 2.2 3.2

166 32.0 26.6 39.8

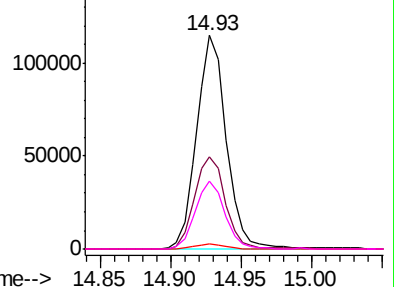


Abundance Ion 232.00 (231.70 to 232.70): E

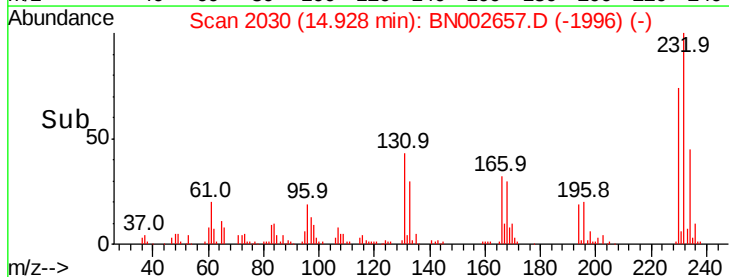
Ion 131.00 (130.70 to 131.70): E

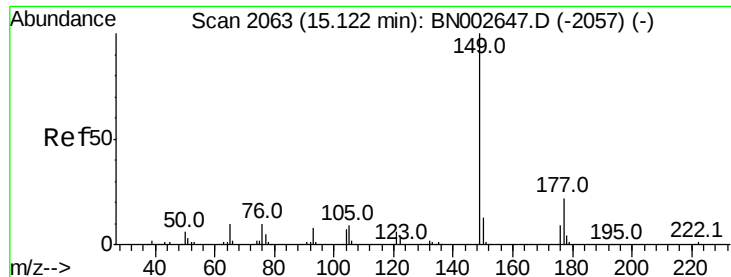
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time--> 14.85 14.90 14.95 15.00

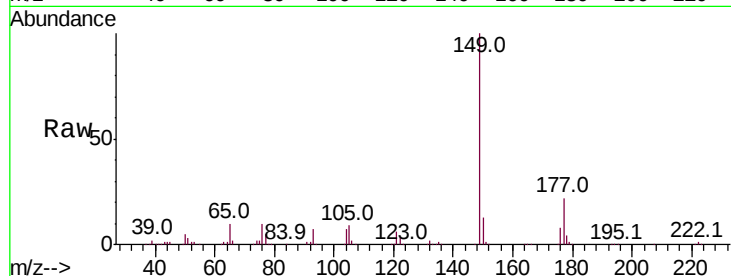




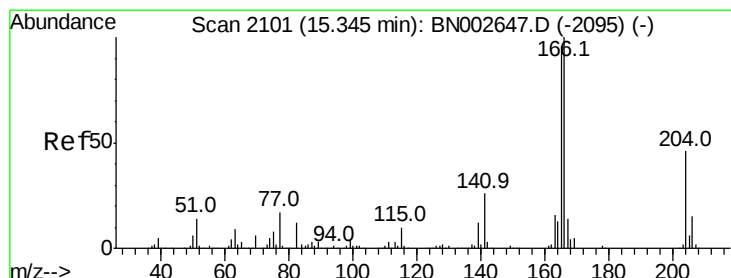
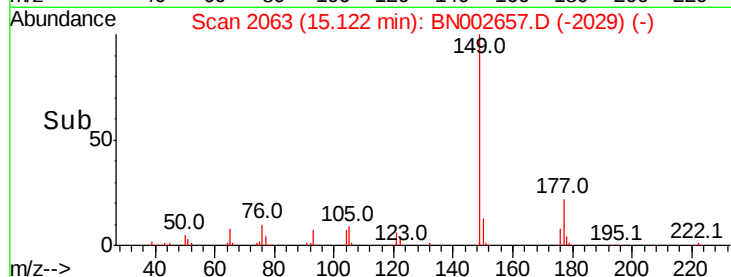
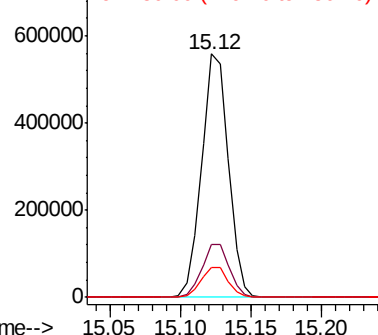
#56
Diethylphthalate
Concen: 20.185 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 738007
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.5 10.0 15.0

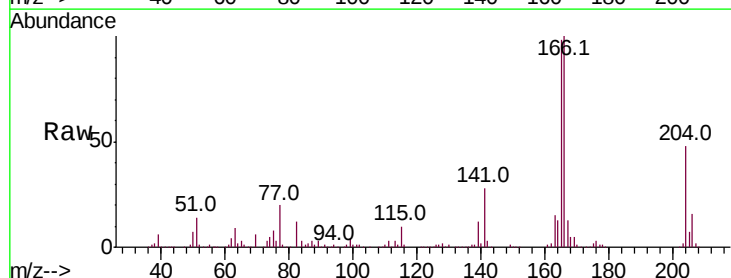


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

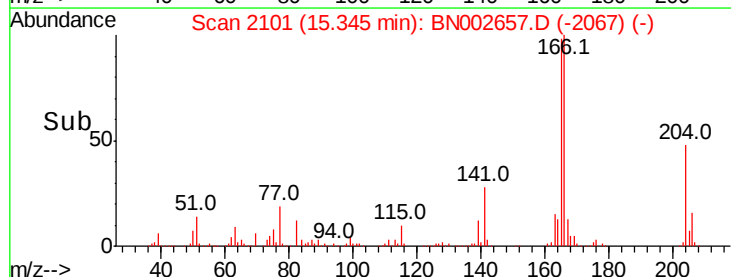
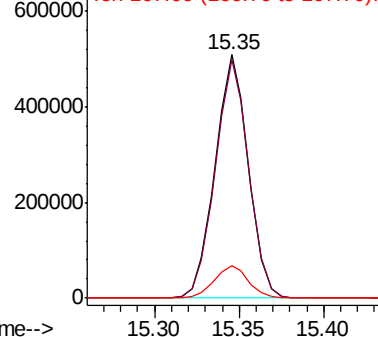


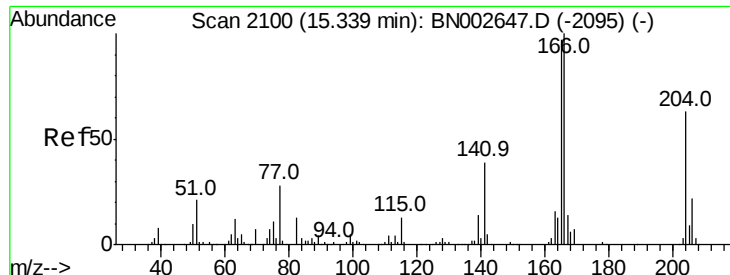
#58
Fluorene
Concen: 20.080 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion:166 Resp: 697708
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.2 10.7 16.1



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

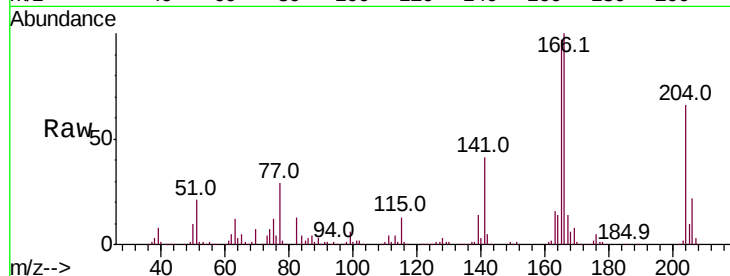




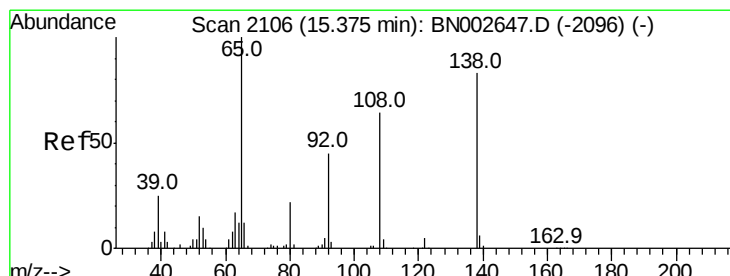
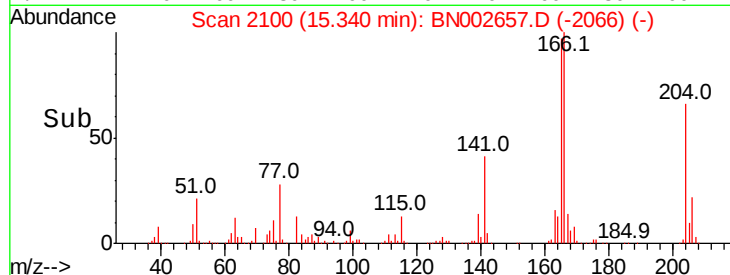
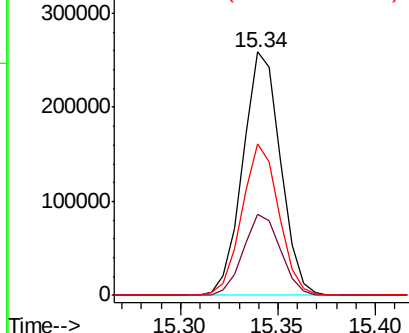
#59
 4-Chlorophenyl-phenylether
 Concen: 20.216 ng/ul
 RT: 15.34 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	204	Resp:	346696
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.4
141	62.2	54.6	81.8

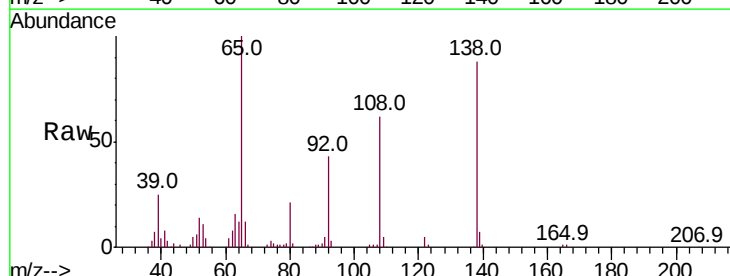


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

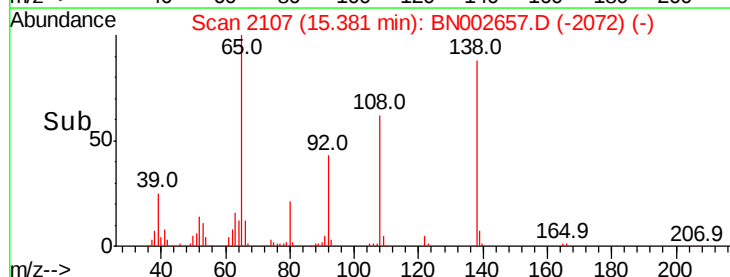
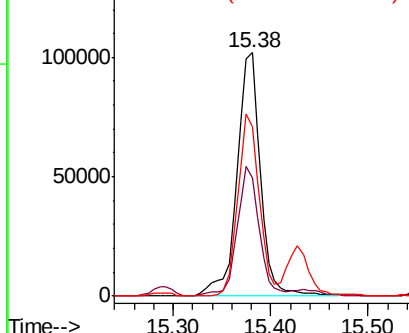


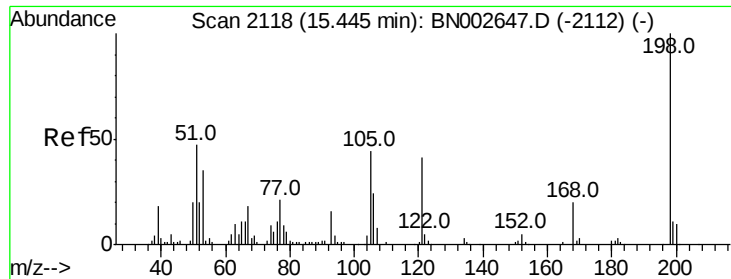
#60
 4-Nitroaniline
 Concen: 19.283 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Tgt Ion:	138	Resp:	171666
Ion	Ratio	Lower	Upper
138	100		
92	48.5	40.6	60.8
108	69.7	67.0	100.6



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

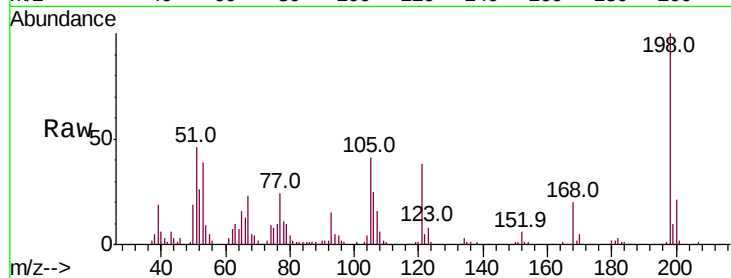




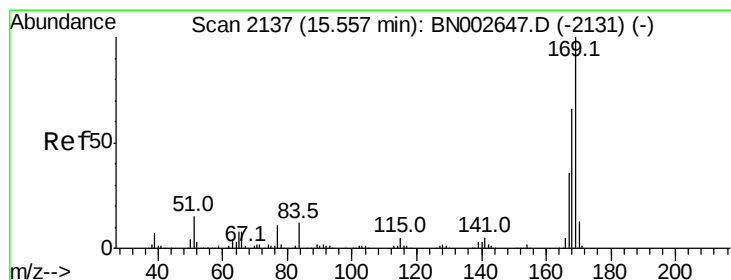
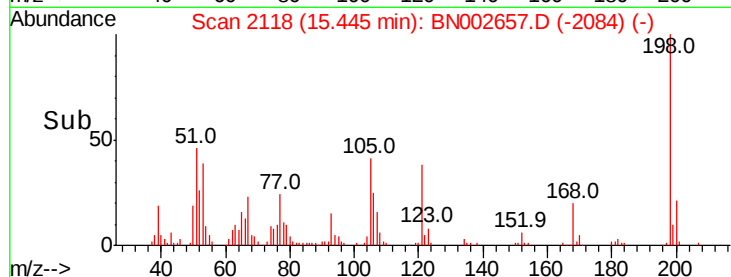
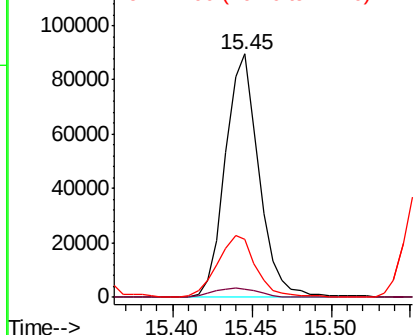
#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.698 ng/ul
 RT: 15.45 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 131872
 Ion Ratio Lower Upper
 198 100
 182 3.3 3.1 4.7
 77 23.9 20.1 30.1

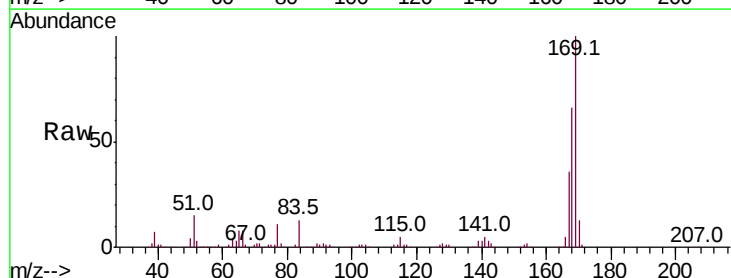


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

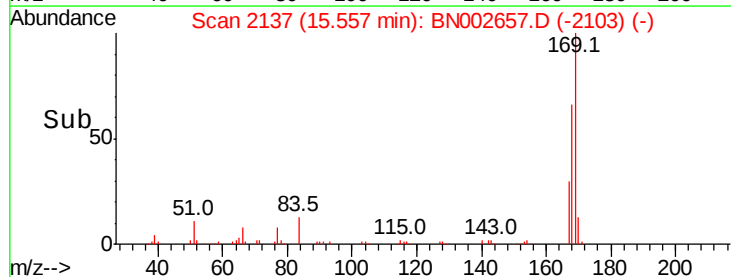
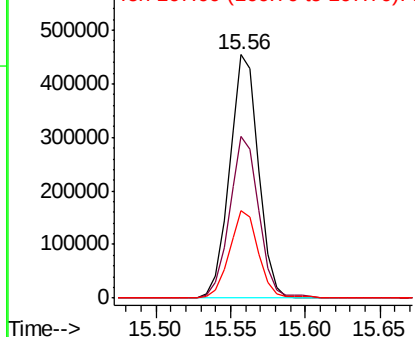


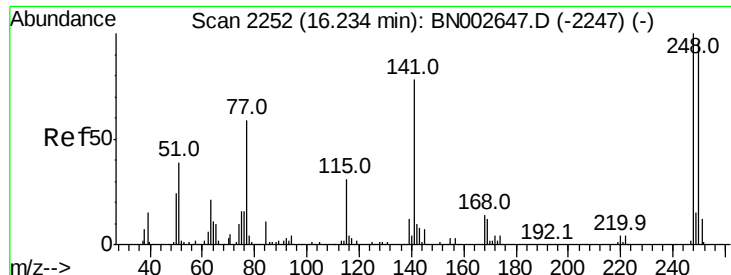
#64
 N-Nitrosodiphenylamine
 Concen: 20.644 ng/ul
 RT: 15.56 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Tgt Ion:169 Resp: 614878
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.8 80.8
 167 35.9 29.3 43.9



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

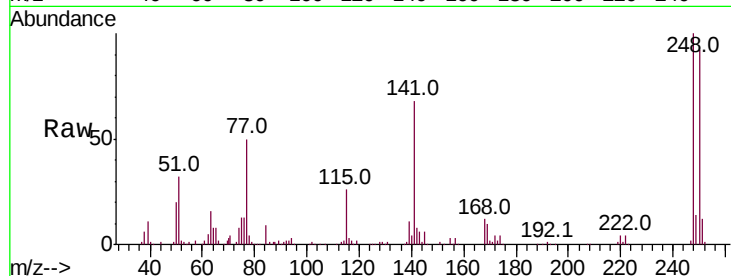




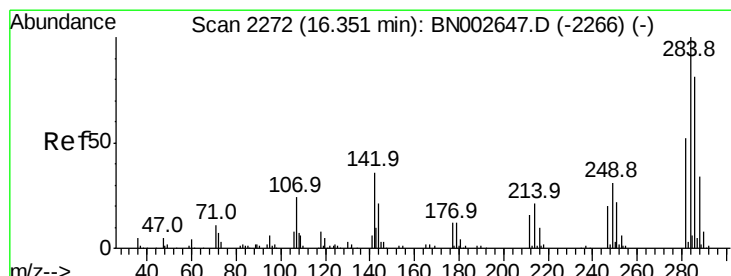
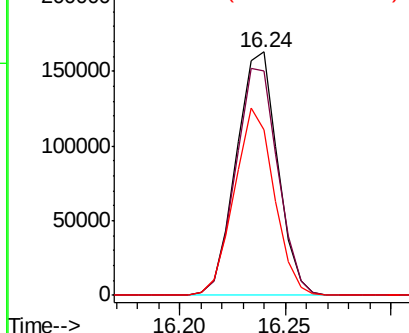
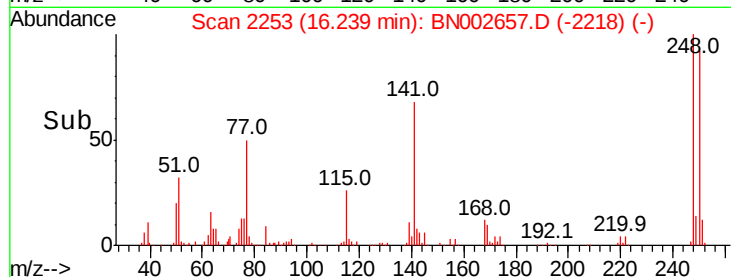
#65
4-Bromophenyl-phenylether
Concen: 21.281 ng/ul
RT: 16.24 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 221299
Ion Ratio Lower Upper
248 100
250 92.1 78.7 118.1
141 68.1 72.2 108.2#

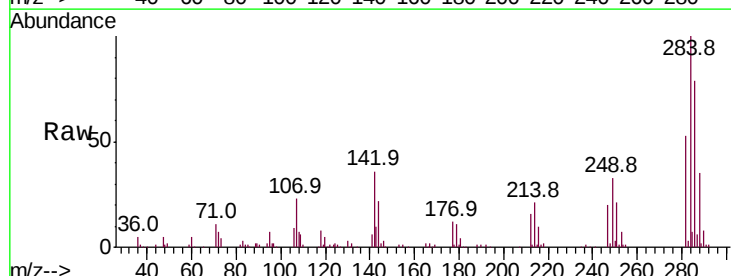


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

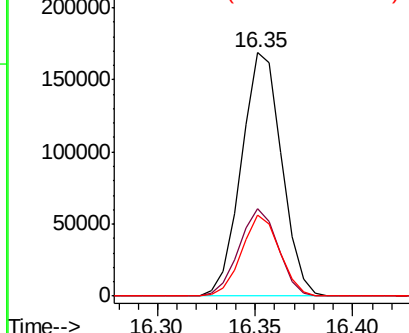
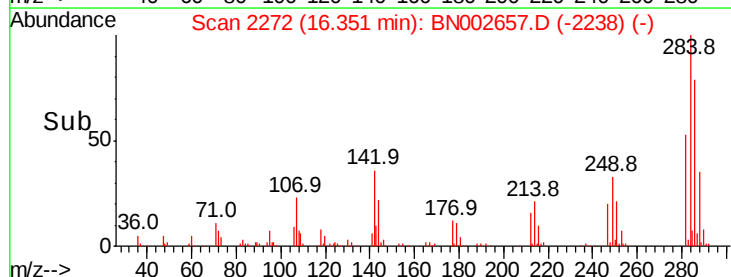


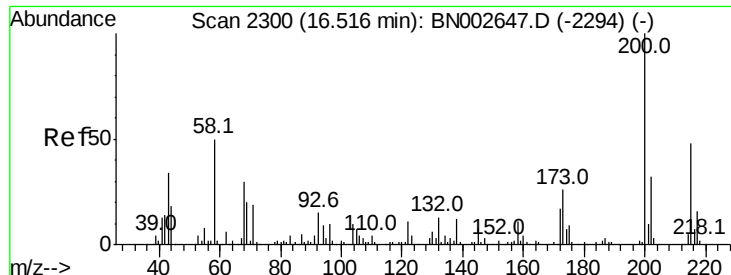
#66
Hexachlorobenzene
Concen: 20.803 ng/ul
RT: 16.35 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion:284 Resp: 241427
Ion Ratio Lower Upper
284 100
142 36.1 33.1 49.7
249 33.0 27.1 40.7



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

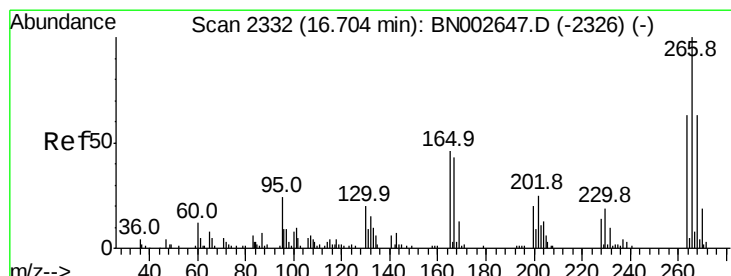
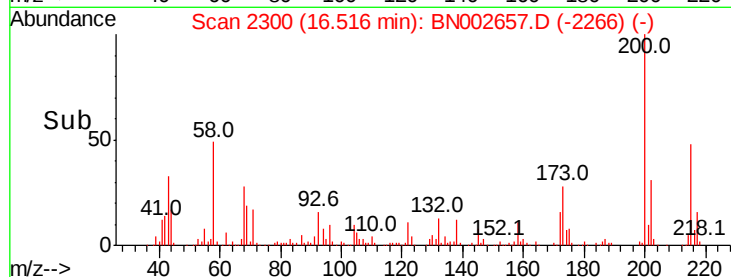
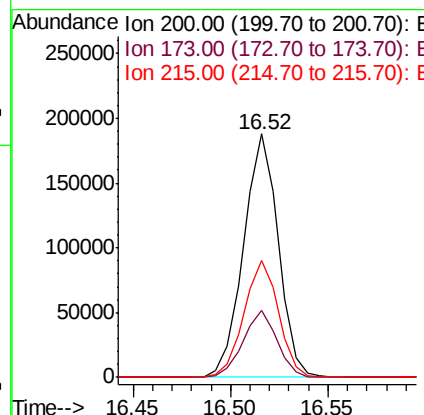
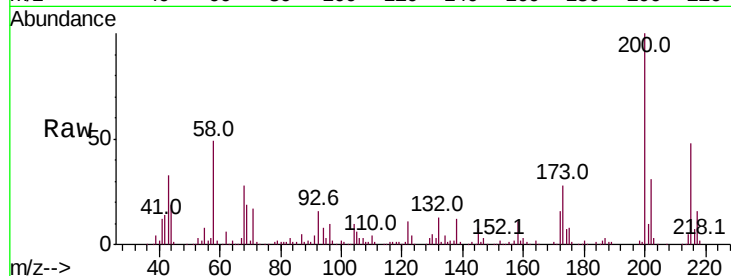




#67
 Atrazine
 Concen: 21.257 ng/ul
 RT: 16.52 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

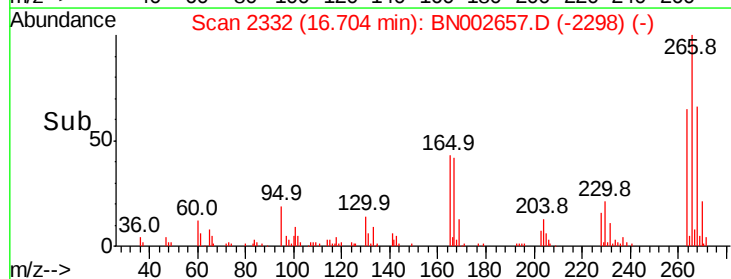
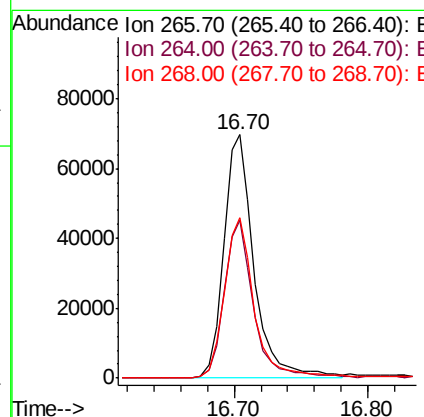
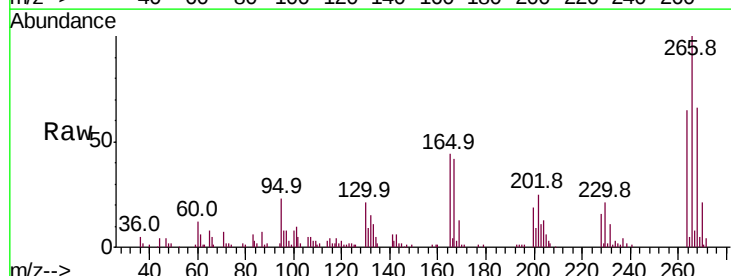
Instrument :
 BNA_N
 ClientSampled :

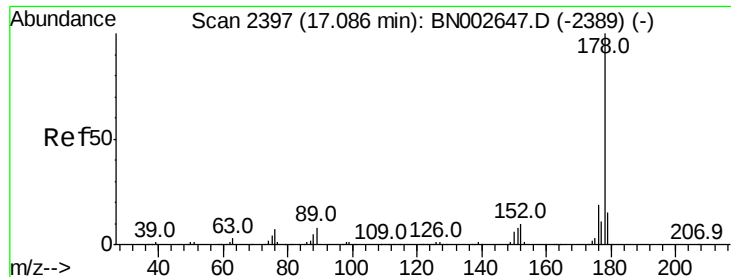
Tot Ion:200 Resp: 231473
 Ion Ratio Lower Upper
 200 100
 173 27.6 21.6 32.4
 215 47.9 37.0 55.4



#68
 Pentachlorophenol
 Concen: 16.984 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BN002657.D
 Acq: 12 Sep 2018 16:32

Tgt Ion:266 Resp: 110334
 Ion Ratio Lower Upper
 266 100
 264 64.7 50.5 75.7
 268 66.1 50.9 76.3





#69

Phenanthrene

Concen: 20.060 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

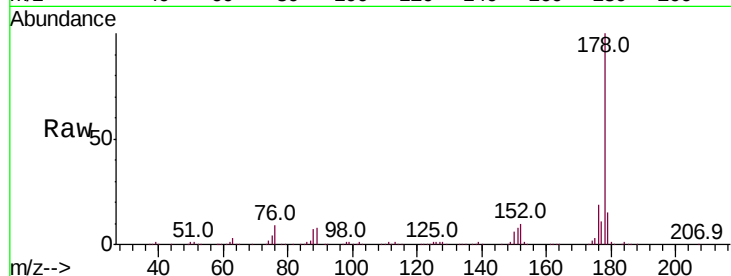
Tot Ion:178 Resp: 1127231

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.4

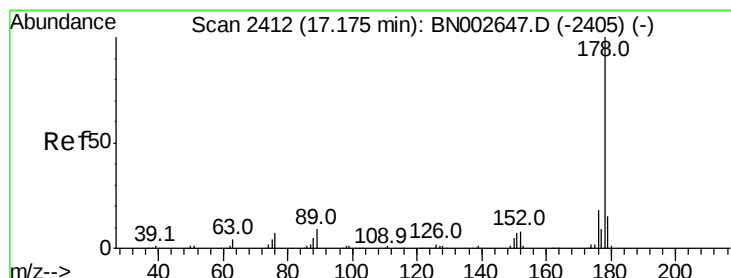
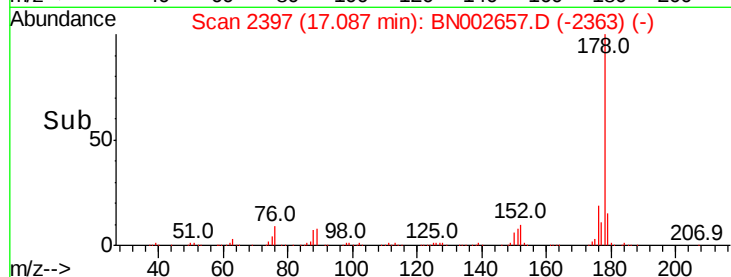
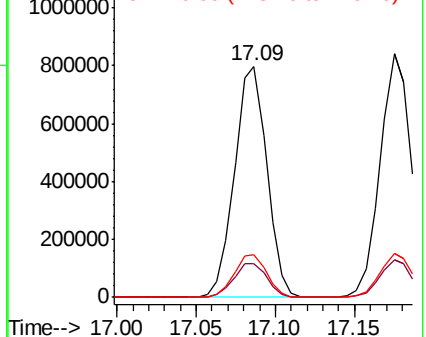
176 18.7 15.6 23.4



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



#71

Anthracene

Concen: 20.276 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

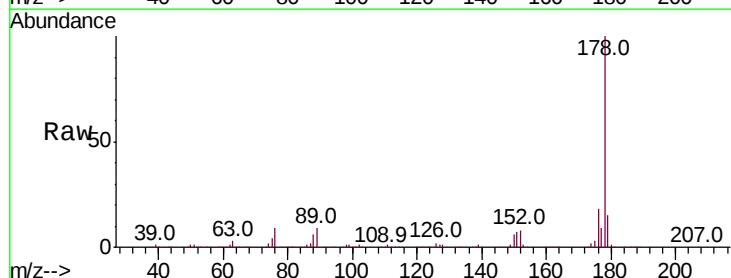
Tgt Ion:178 Resp: 1155571

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

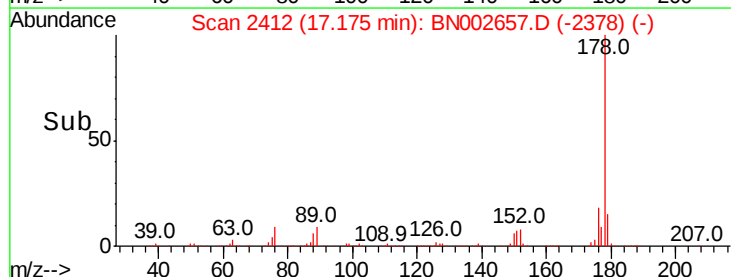
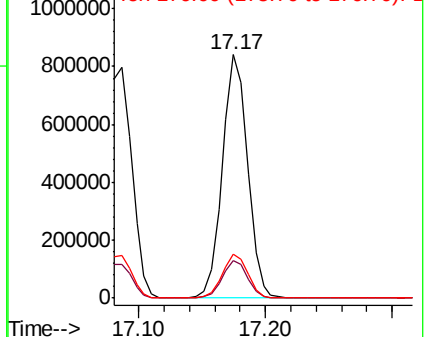
176 18.2 14.8 22.2

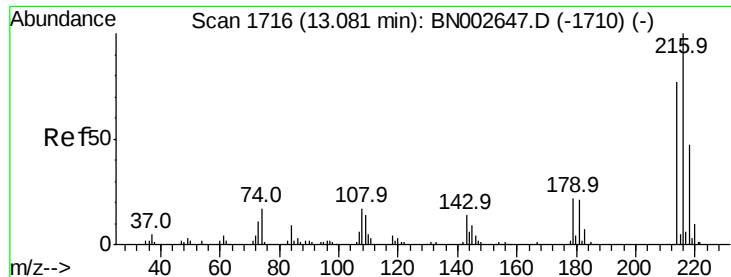


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 20.696 ng/uL

RT: 13.09 min Scan# 1717

Delta R.T. 0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

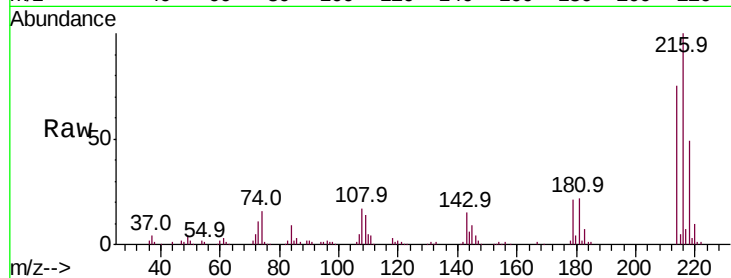
Tot Ion:216 Resp: 294978

Ion Ratio Lower Upper

216 100

214 75.4 62.5 93.7

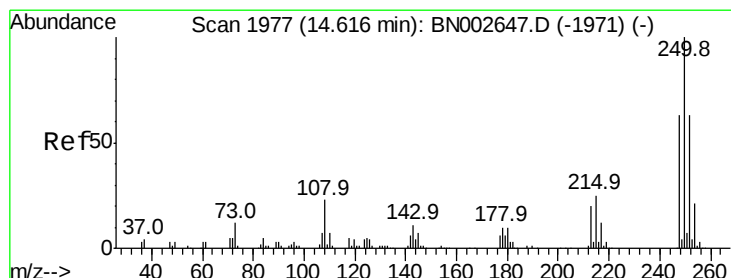
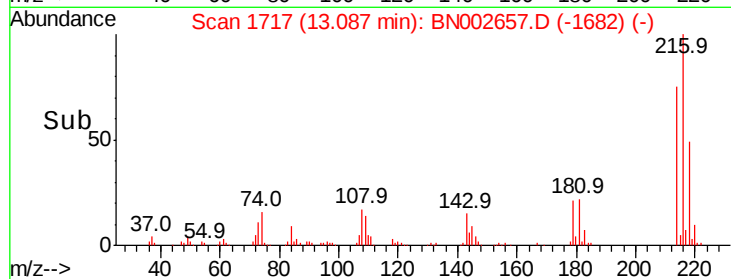
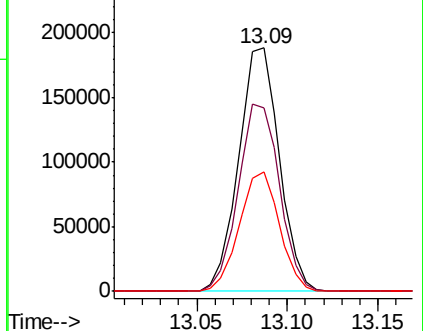
218 49.1 38.4 57.6



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: 20.543 ng/uL

RT: 14.62 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

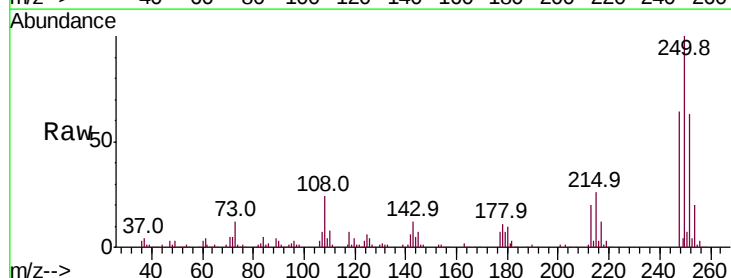
Tgt Ion:250 Resp: 279070

Ion Ratio Lower Upper

250 100

248 63.6 50.6 75.8

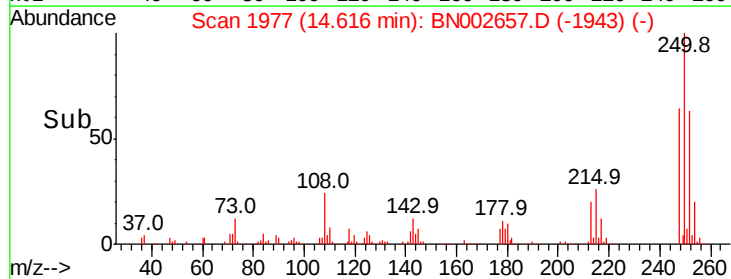
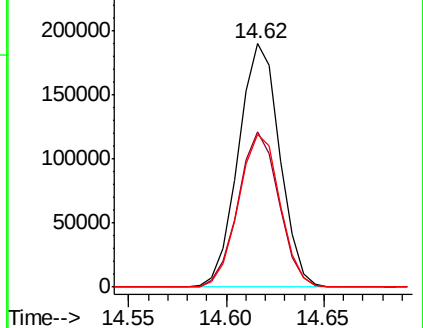
252 62.5 51.4 77.0

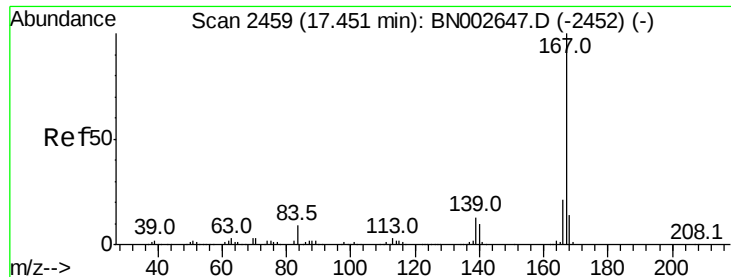


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 20.563 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampled :

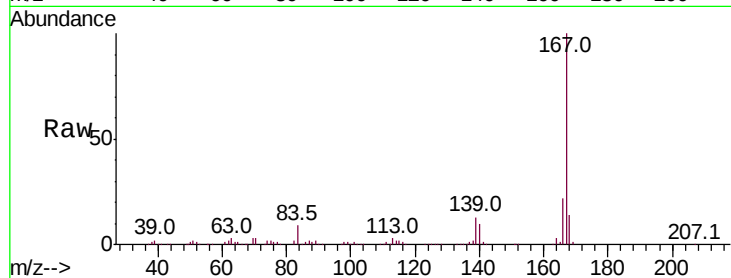
Tot Ion:167 Resp: 1039268

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

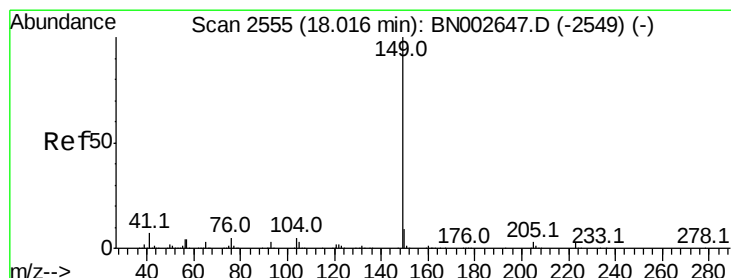
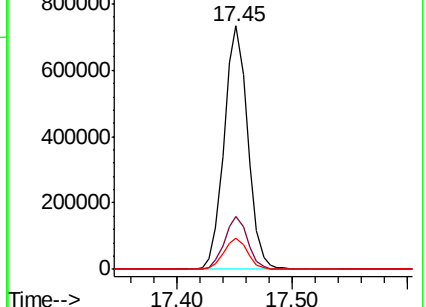
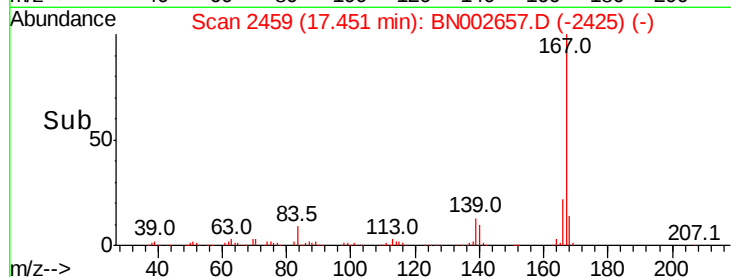
139 12.7 11.0 16.4



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: 21.302 ng/ul

RT: 18.02 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

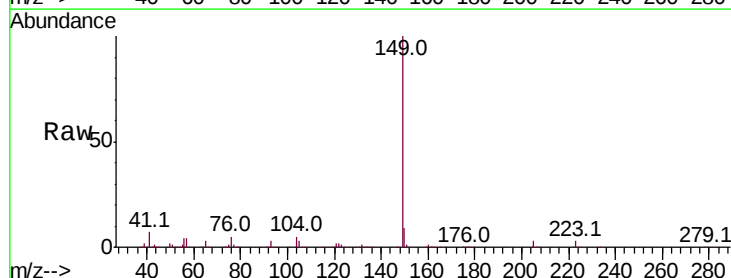
Tgt Ion:149 Resp: 1308837

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

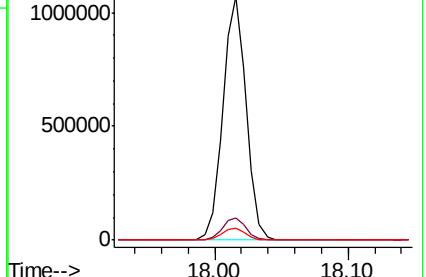
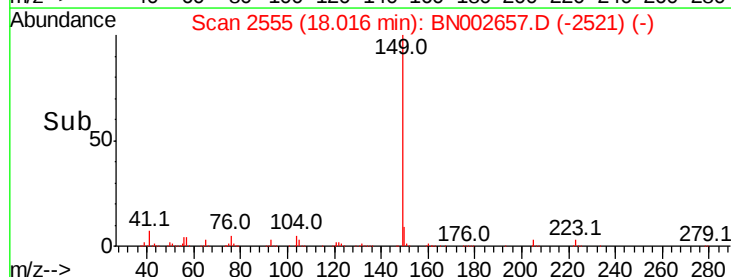
104 4.8 4.0 6.0

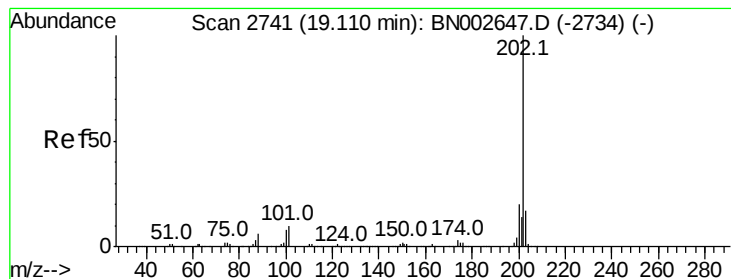


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 20.644 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampled :

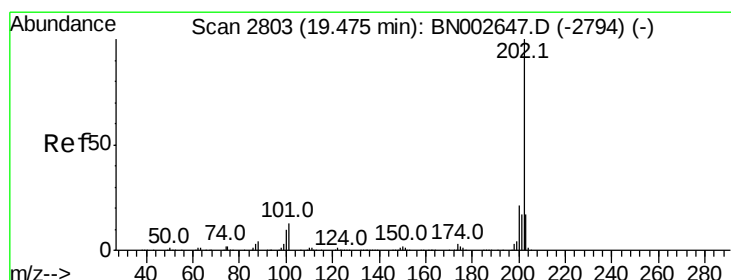
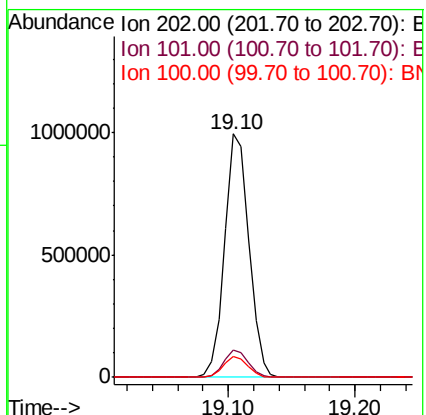
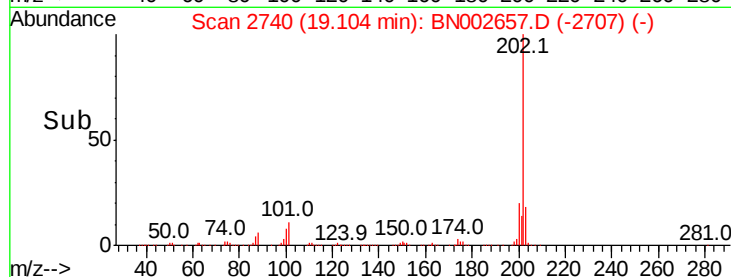
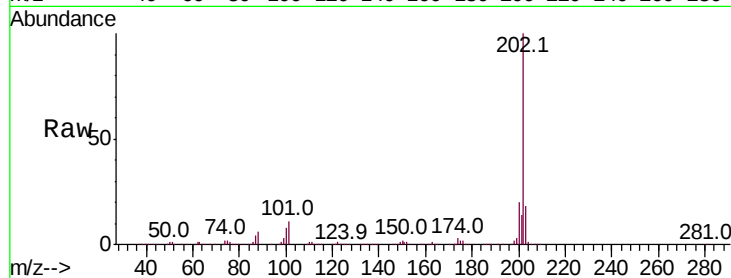
Tot Ion:202 Resp: 1320333

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

100 8.4 6.6 9.8



#79

Pyrene

Concen: 21.739 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

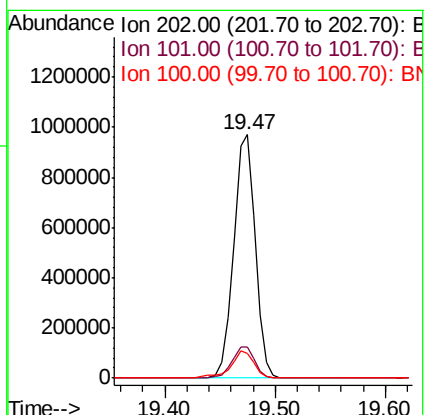
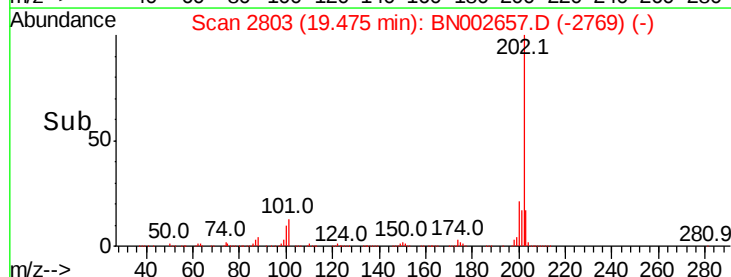
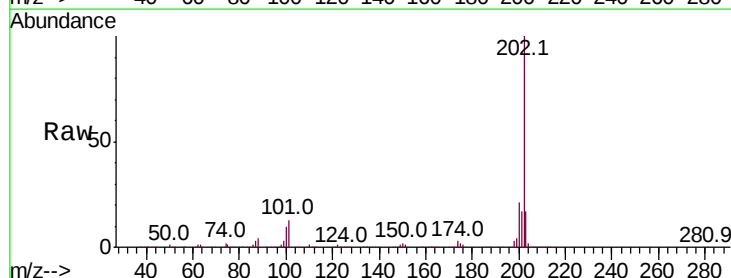
Tgt Ion:202 Resp: 1334171

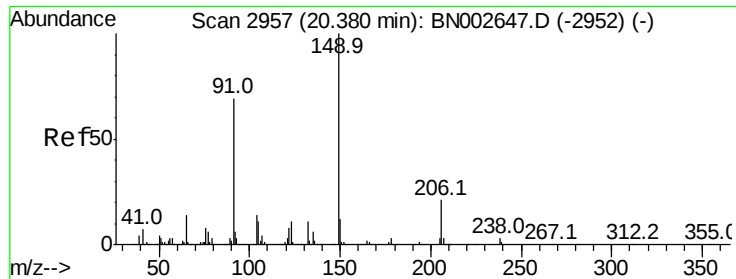
Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

100 10.3 8.5 12.7

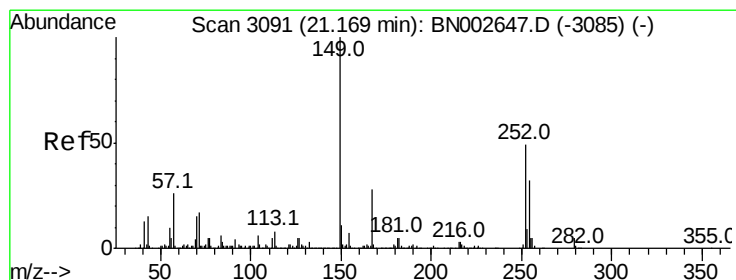
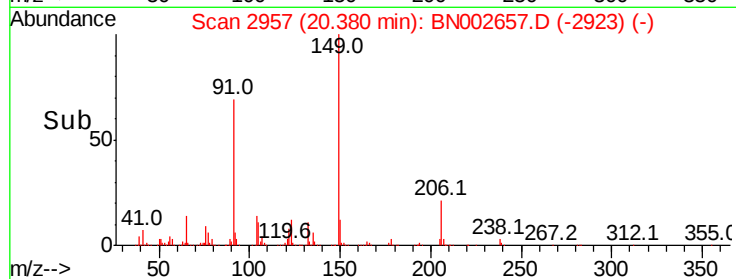
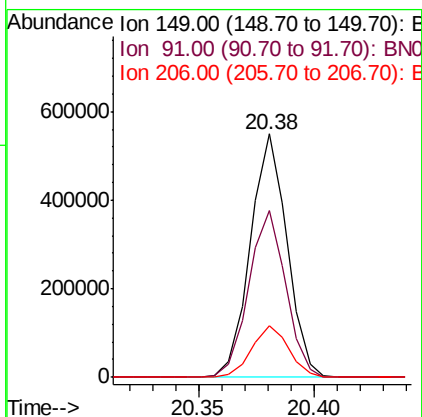
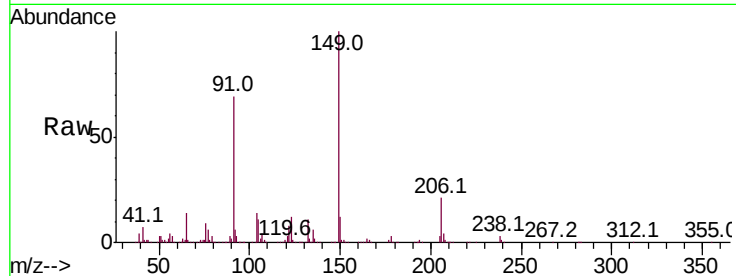




#80
Butylbenzylphthalate
Concen: 23.365 ng/ul
RT: 20.38 min Scan# 2957
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

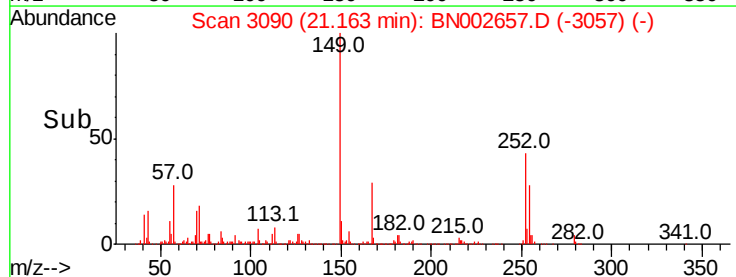
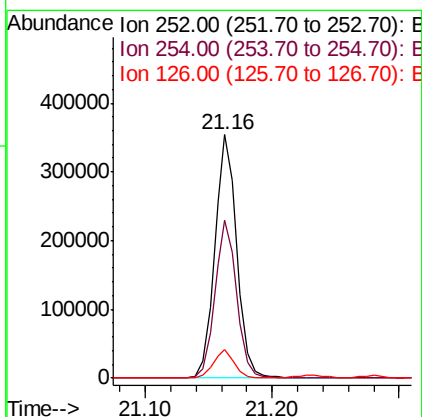
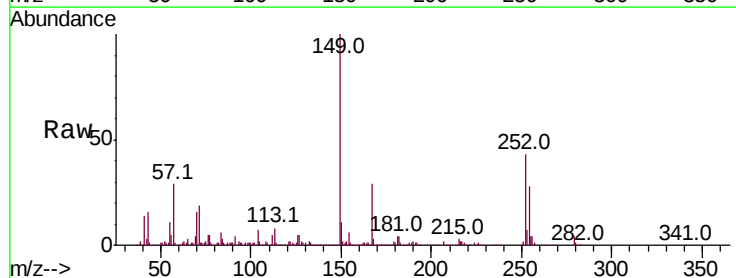
Instrument :
BNA_N
ClientSampled :

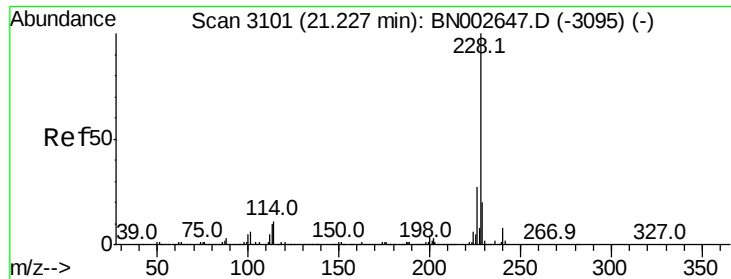
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.6	53.4	80.2
206	21.1	16.6	24.8



#81
3,3'-Dichlorobenzidine
Concen: 20.970 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.2	78.2
126	11.5	9.4	14.2

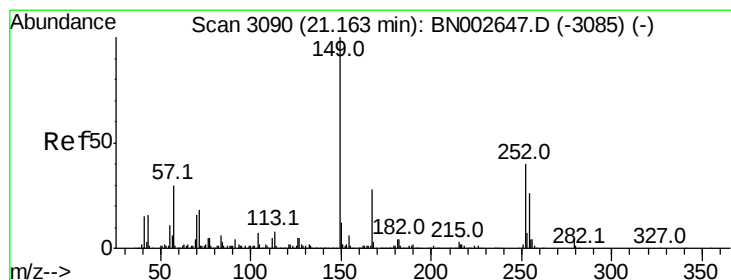
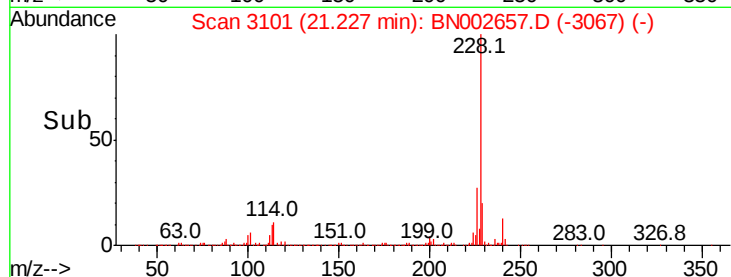
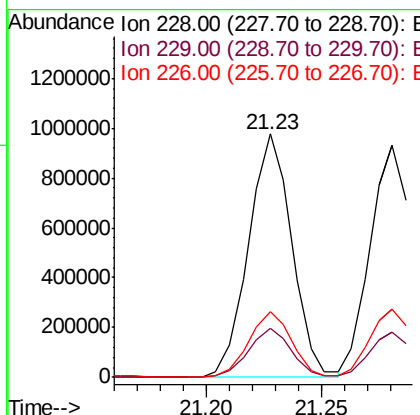
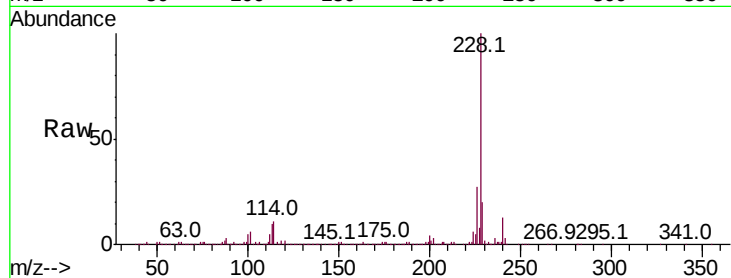




#82
Benzo(a)anthracene
Concen: 20.546 ng/u1
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

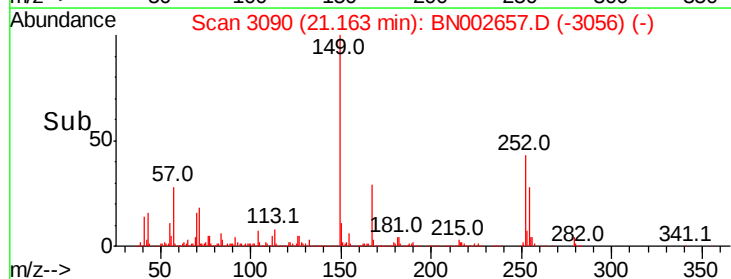
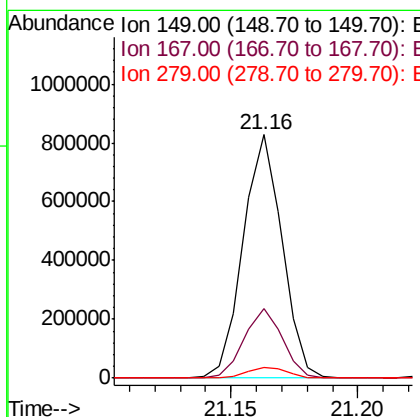
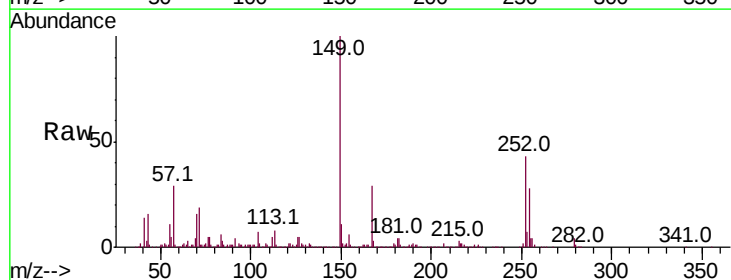
Instrument :
BNA_N
ClientSampleId :

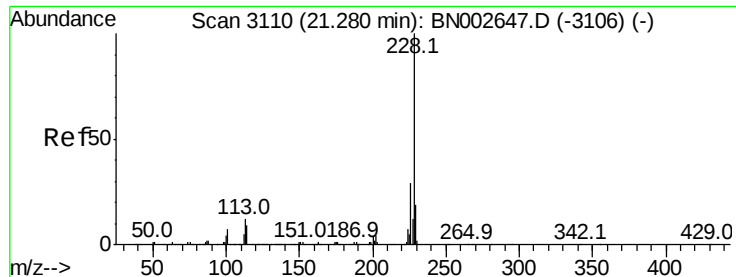
Tot Ion:228 Resp: 1281162
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 26.7 21.8 32.6



#83
Bis(2-ethylhexyl)phthalate
Concen: 22.725 ng/u1
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BN002657.D
Acq: 12 Sep 2018 16:32

Tgt Ion:149 Resp: 886384
Ion Ratio Lower Upper
149 100
167 28.7 21.6 32.4
279 4.2 3.0 4.4





#84

Chrysene

Concen: 20.008 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

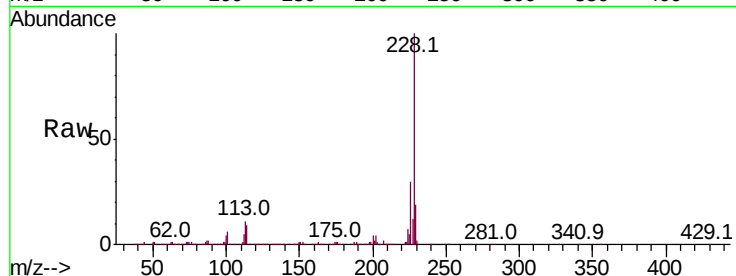
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 1180822

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.2	15.6	23.4

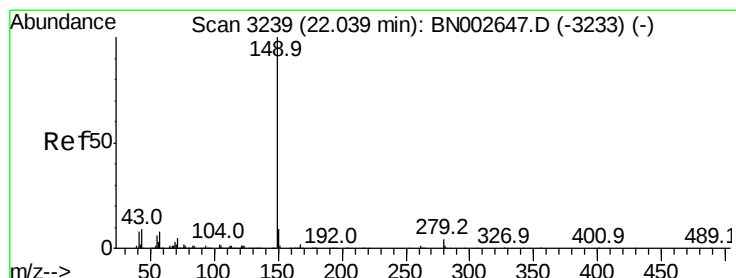
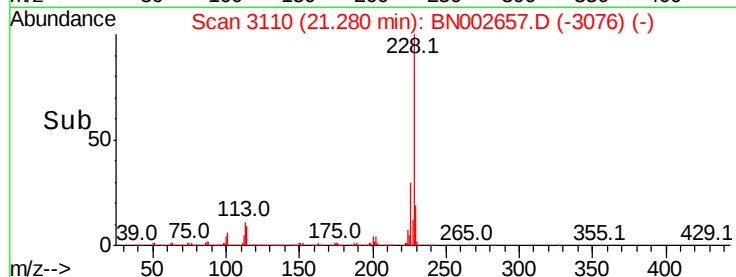
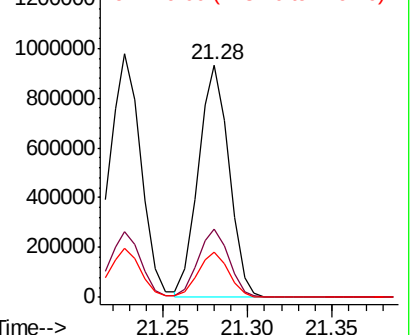


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 26.605 ng/ul

RT: 22.03 min Scan# 3238

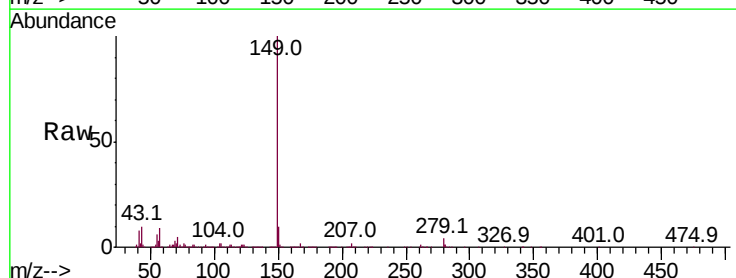
Delta R.T. -0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Tgt Ion:149 Resp: 1494034

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	5.6	8.4

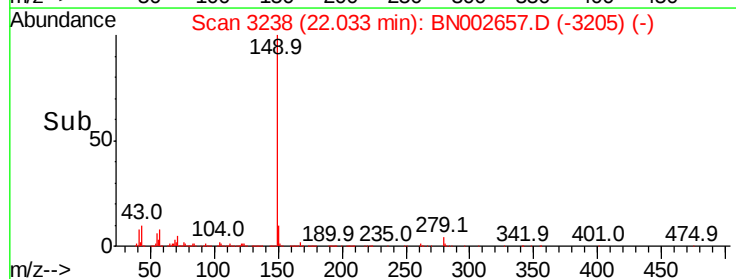
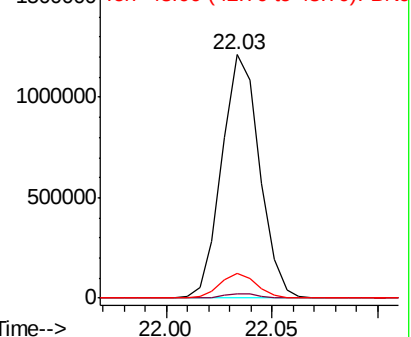


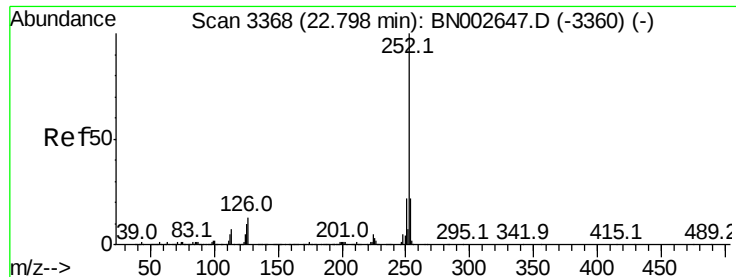
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNO





#87

Benzo(b)fluoranthene

Concen: 21.998 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

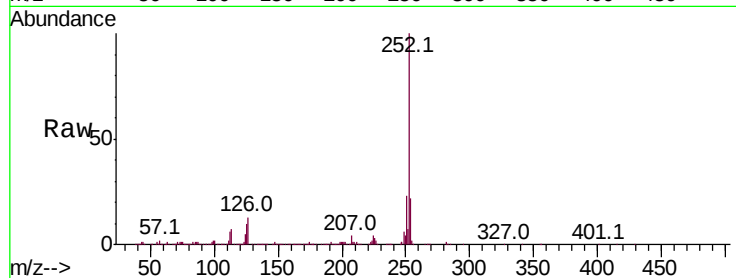
Tot Ion:252 Resp: 1165161

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

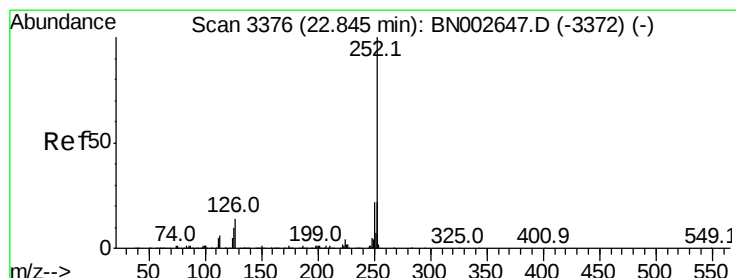
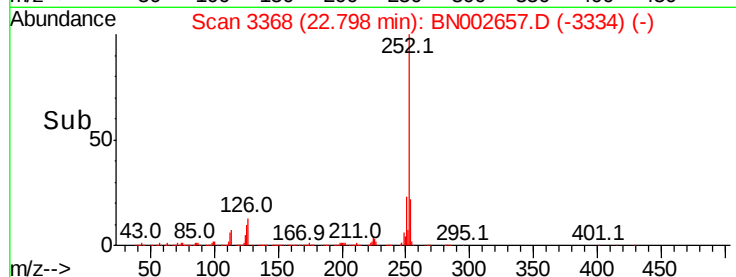
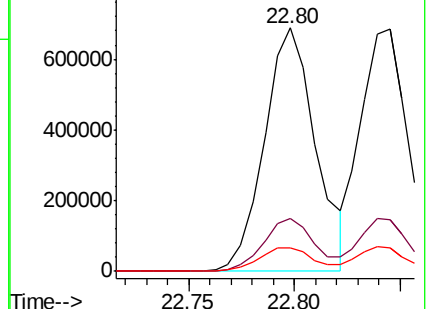
125 9.9 8.5 12.7



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: 21.264 ng/ul

RT: 22.85 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

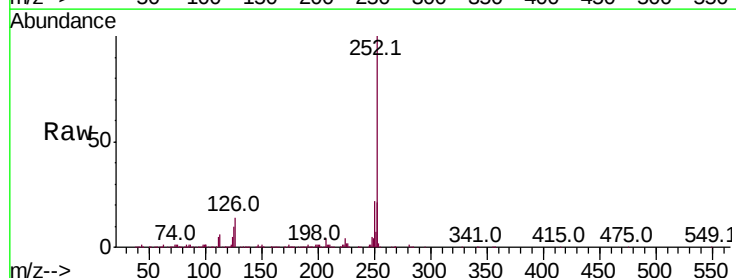
Tgt Ion:252 Resp: 1061096

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

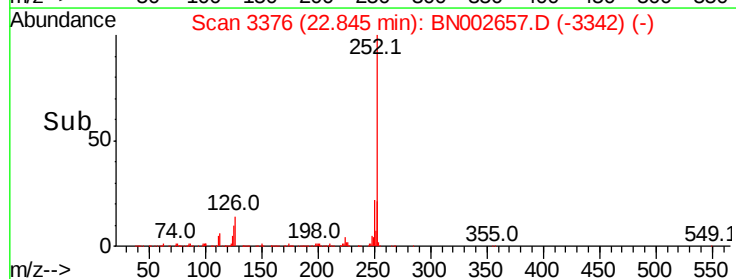
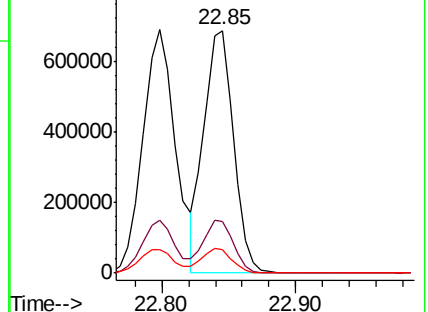
125 9.7 8.2 12.2

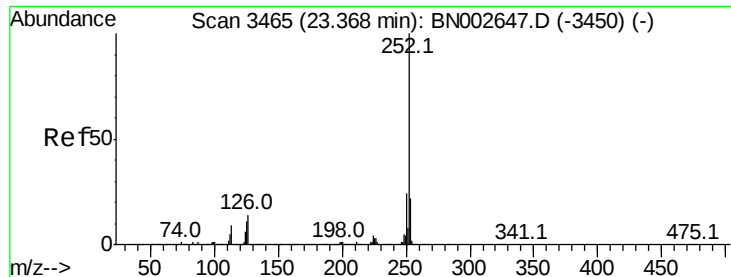


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.414 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

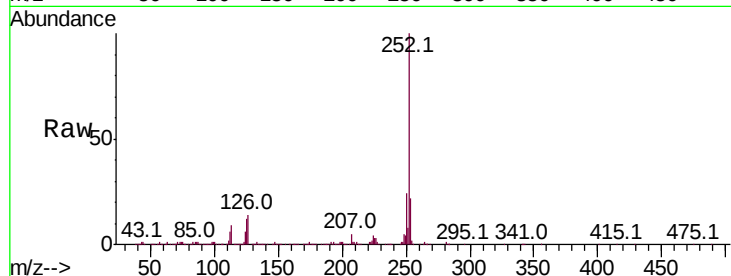
Tot Ion:252 Resp: 1030020

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.5 9.0 13.6

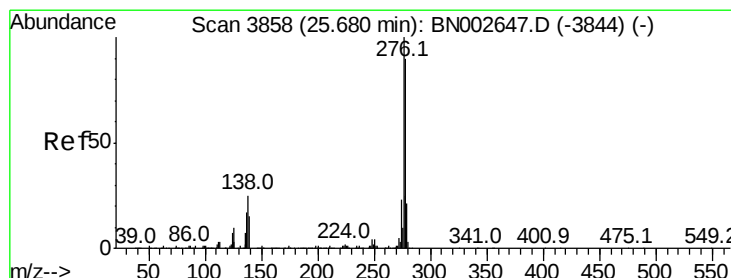
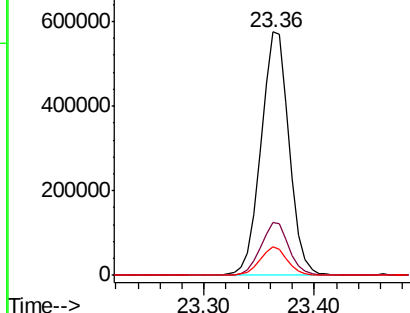
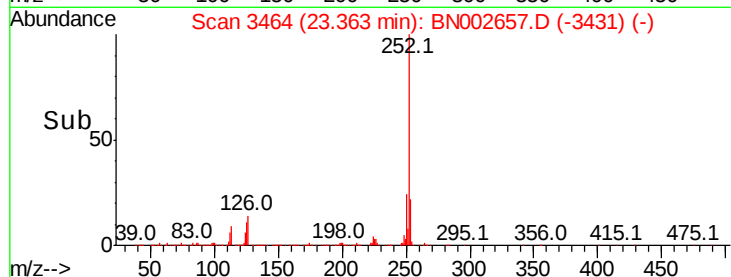


Abundance

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: 16.670 ng/ul

RT: 25.67 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

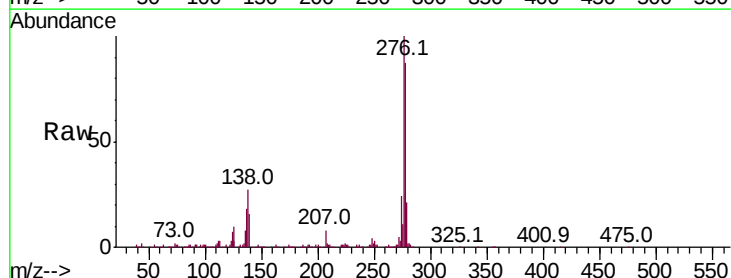
Tgt Ion:276 Resp: 1000621

Ion Ratio Lower Upper

276 100

138 27.0 22.3 33.5

277 25.3 20.2 30.2

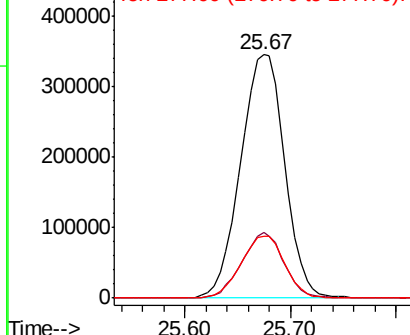
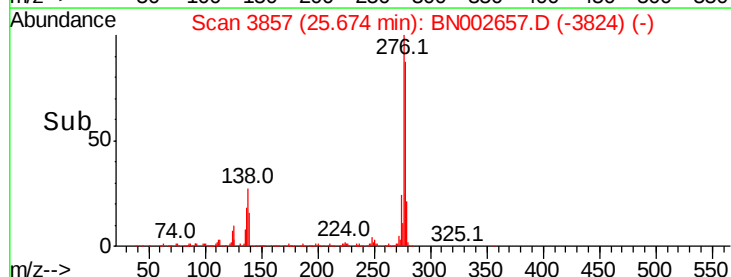


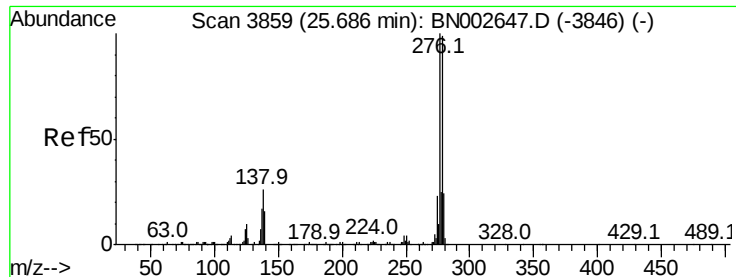
Abundance

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: 16.753 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

Instrument :

BNA_N

ClientSampleId :

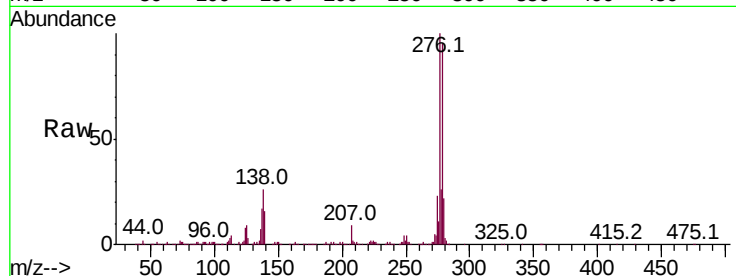
Tot Ion:278 Resp: 840715

Ion Ratio Lower Upper

278 100

139 16.3 13.9 20.9

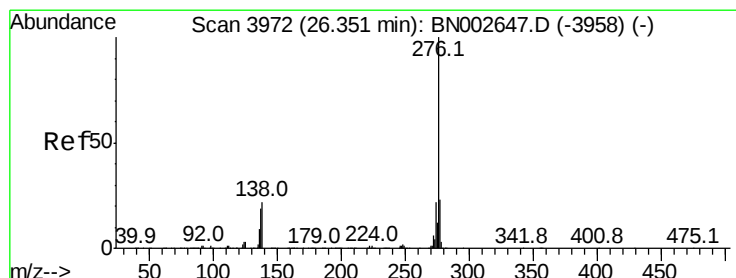
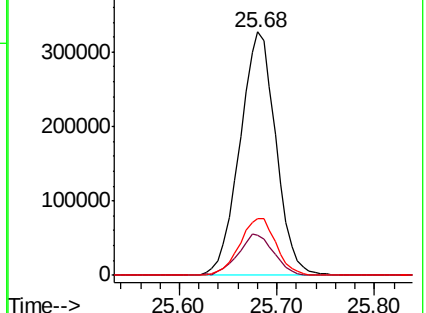
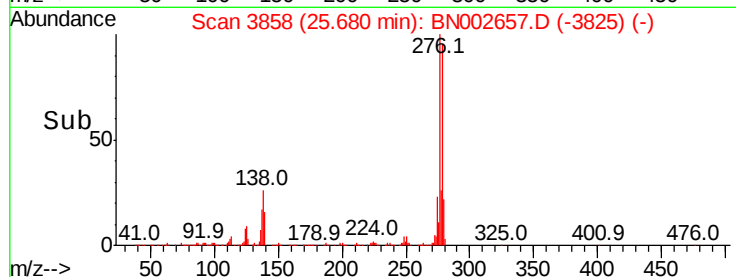
279 23.3 19.0 28.4



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: 16.200 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.00 min

Lab File: BN002657.D

Acq: 12 Sep 2018 16:32

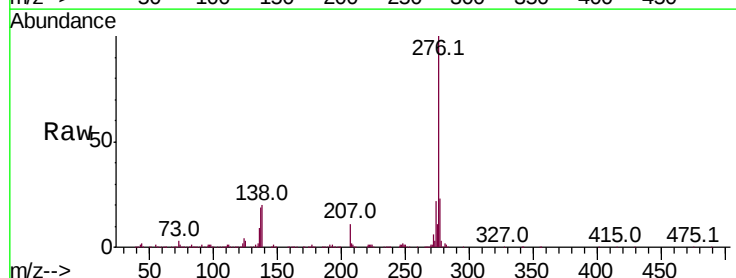
Tgt Ion:276 Resp: 811377

Ion Ratio Lower Upper

276 100

138 20.3 18.9 28.3

277 22.7 19.2 28.8



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

