

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031321.D
 Acq On : 30 Apr 2024 15:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 23:06:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:00:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	274785	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1269035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	861053	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1788495	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1381485	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1293618	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	41096	6.963	ng/uL	0.00
4) Pyridine-d5	3.534	84	323154	19.120	ng/ul	0.00
7) Phenol-d5	6.787	99	408401	18.470	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	243755	18.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	326838	18.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	339502	18.528	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	165983	18.149	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	181939	18.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	341402	18.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	498376	18.814	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1024714	18.051	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1185862	18.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	191196	18.559	ng/ul	0.00
60) Fluorene-d10	15.263	176	867839	17.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	150123	16.323	ng/ul	0.00
73) Anthracene-d10	17.116	188	1322216	17.913	ng/ul	0.00
81) Pyrene-d10	19.422	212	1476056	17.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1079211	18.020	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	46836	7.291	ng/uL	94
5) Pyridine	3.552	79	318147	18.738	ng/ul	97
6) Benzaldehyde	6.763	77	243995	21.978	ng/ul	97
8) Phenol	6.816	94	424733	18.899	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	342807	18.843	ng/ul	96
12) 2-Chlorophenol	7.175	128	338170	18.386	ng/ul	98
13) 2-Methylphenol	8.058	108	324772	18.607	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	451028	18.788	ng/ul	99
16) Acetophenone	8.434	105	527686	19.368	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	263345	18.410	ng/ul	99
18) 4-Methylphenol	8.387	108	359760	18.832	ng/ul	97
19) Hexachloroethane	8.675	117	134838	18.119	ng/ul	99
22) Nitrobenzene	8.810	77	394076	18.363	ng/ul	98
23) Isophorone	9.334	82	761275	18.179	ng/ul	99
25) 2-Nitrophenol	9.516	139	198863	18.519	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	372529	18.455	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.816	93	475185	18.040	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	338660	18.767	ng/ul	98
30) Naphthalene	10.440	128	1130448	18.127	ng/ul	100
32) 4-Chloroaniline	10.563	127	483122	19.049	ng/ul	96
33) Hexachlorobutadiene	10.722	225	196050	18.379	ng/ul	98
34) Caprolactam	11.346	113	68766	10.668	ng/ul	93
35) 4-Chloro-3-methylphenol	11.693	107	384615	18.556	ng/ul	96
36) 2-Methylnaphthalene	12.063	142	797455	18.443	ng/ul	96

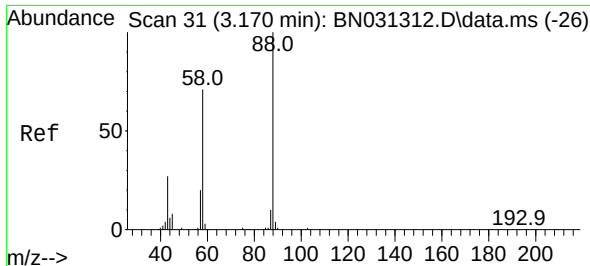
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

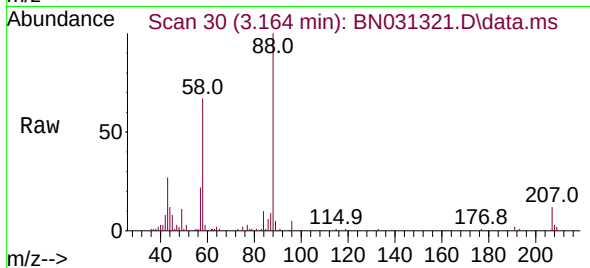
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	801235	18.319	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	396084	17.823	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	203843	16.386	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	273491	17.900	ng/ul	97
42) 2,4,5-Trichlorophenol	12.757	196	296301	17.782	ng/ul	96
43) 1,1'-Biphenyl	13.093	154	1045105	17.870	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	822565	17.809	ng/ul	99
45) 2-Nitroaniline	13.345	65	238691	18.244	ng/ul	96
47) Dimethylphthalate	13.728	163	1046716	17.996	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	210172	18.519	ng/ul	97
50) Acenaphthylene	13.981	152	1344266	17.935	ng/ul	100
51) 3-Nitroaniline	14.181	138	229083	18.742	ng/ul	97
52) Acenaphthene	14.328	153	881765	17.734	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	92797	14.308	ng/ul	89
55) 4-Nitrophenol	14.498	109	156350	18.956	ng/ul	98
56) Dibenzofuran	14.663	168	1226643	18.167	ng/ul	99
57) 2,4-Dinitrotoluene	14.640	165	305093	18.330	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.892	232	249117	17.887	ng/ul	97
59) Diethylphthalate	15.098	149	1064620	18.161	ng/ul	99
61) Fluorene	15.316	166	976168	18.134	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.316	204	473200	18.223	ng/ul	95
63) 4-Nitroaniline	15.351	138	226070	20.199	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.404	198	163991	16.634	ng/ul	97
67) N-Nitrosodiphenylamine	15.534	169	855131	17.995	ng/ul	99
68) 4-Bromophenyl-phenylether	16.210	248	299714	17.913	ng/ul	95
69) Hexachlorobenzene	16.316	284	336509	17.440	ng/ul	98
70) Atrazine	16.492	200	295195	19.124	ng/ul	94
71) Pentachlorophenol	16.663	266	208261	17.827	ng/ul	95
72) Phenanthrene	17.057	178	1557426	17.596	ng/ul	97
74) Anthracene	17.151	178	1587694	17.937	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	400567	17.682	ng/uL	98
76) Pentachlorobenzene	14.575	250	395174	17.787	ng/uL	96
77) Carbazole	17.428	167	1465414	18.955	ng/ul	100
78) Di-n-butylphthalate	17.992	149	1777825	17.745	ng/ul	99
80) Fluoranthene	19.080	202	1801757	17.864	ng/ul	98
82) Pyrene	19.445	202	1820243	17.691	ng/ul	99
83) Butylbenzylphthalate	20.363	149	767560	17.856	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.174	252	427580	17.298	ng/ul	95
85) Benzo(a)anthracene	21.239	228	1646063	18.258	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	1068120	18.886	ng/ul	99
87) Chrysene	21.298	228	1529579	18.107	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	1656251	17.280	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1419521	18.107	ng/ul	98
91) Benzo(k)fluoranthene	23.292	252	1365368	17.710	ng/ul	100
93) Benzo(a)pyrene	24.010	252	1277789	18.224	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.380	276	1365157	17.183	ng/ul	99
95) Dibenzo(a,h)anthracene	27.439	278	1172553	17.767	ng/ul	98
96) Benzo(g,h,i)perylene	28.392	276	1107978	17.290	ng/ul	98

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

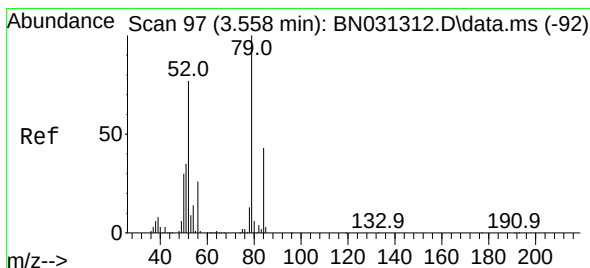
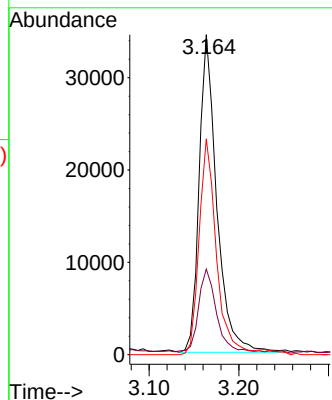
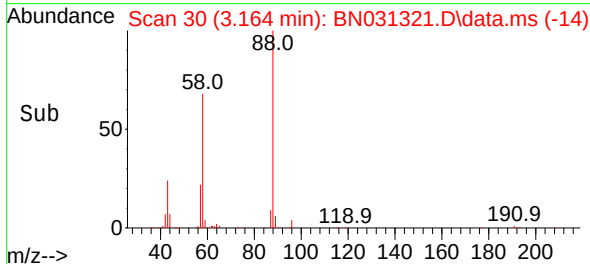


#2
1,4-Dioxane
Concen: 7.291 ng/uL
RT: 3.164 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN031321.D
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Instrument :
BNA_N
ClientSampleId :

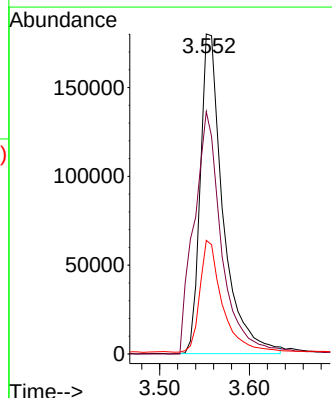
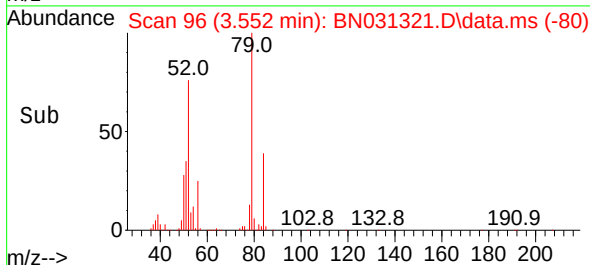
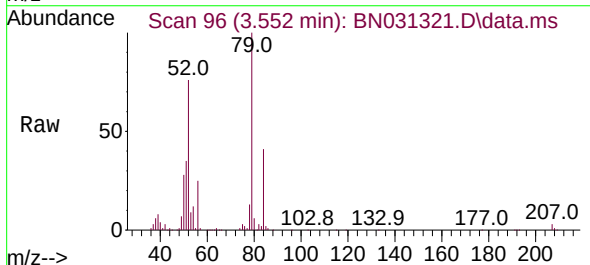


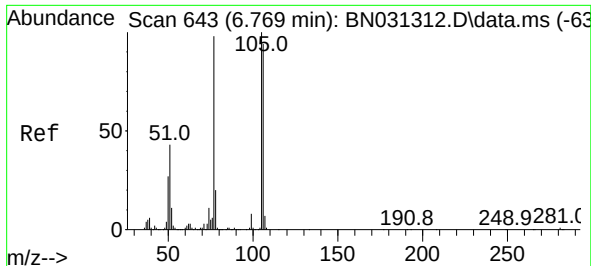
Tgt Ion: 88 Resp: 46836
Ion Ratio Lower Upper
88 100
43 26.7 21.7 32.5
58 67.4 49.1 73.7



#5
Pyridine
Concen: 18.738 ng/uL
RT: 3.552 min Scan# 96
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

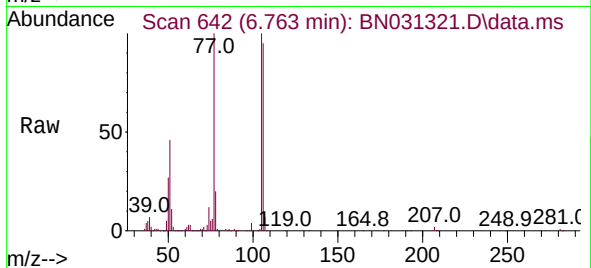
Tgt Ion: 79 Resp: 318147
Ion Ratio Lower Upper
79 100
52 75.8 58.3 87.5
51 35.5 27.7 41.5



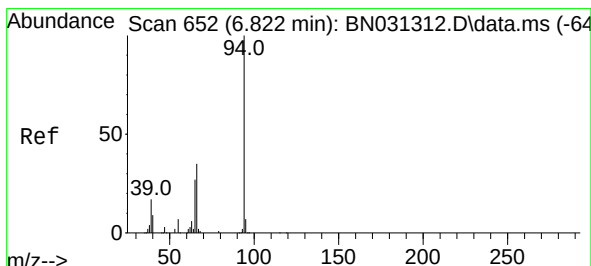
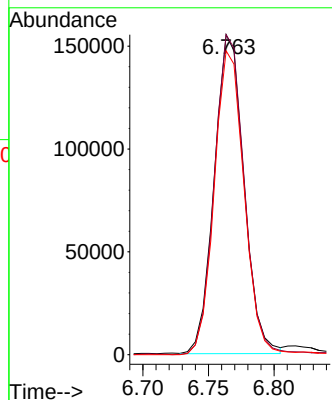
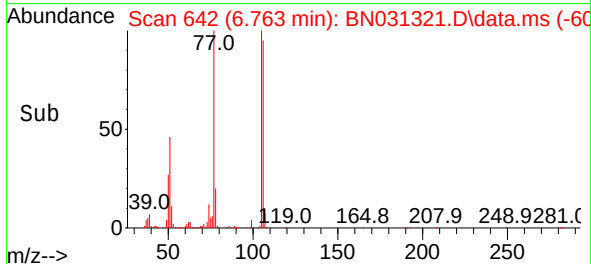


#6
Benzaldehyde
Concen: 21.978 ng/ul
RT: 6.763 min Scan# 641
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Instrument :
BNA_N
ClientSampleId :

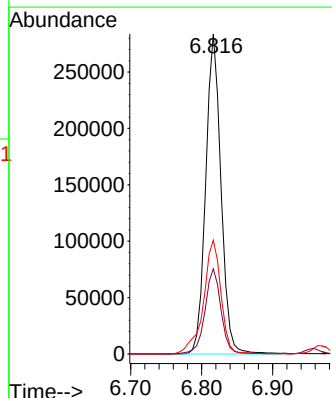
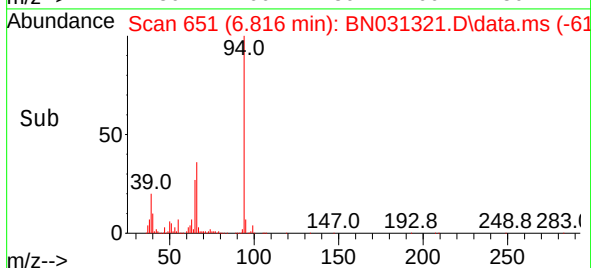
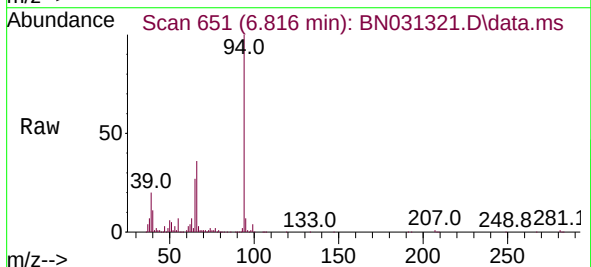


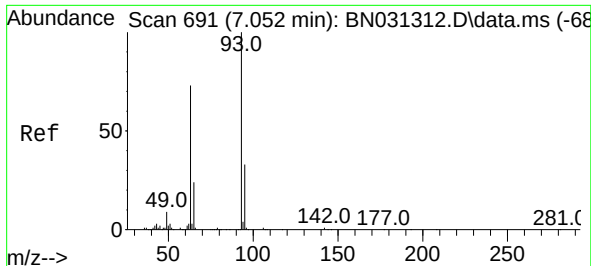
Tgt Ion: 77 Resp: 243995
Ion Ratio Lower Upper
77 100
105 100.0 78.4 117.6
106 94.9 73.2 109.8



#8
Phenol
Concen: 18.899 ng/ul
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion: 94 Resp: 424733
Ion Ratio Lower Upper
94 100
65 26.6 21.2 31.8
66 35.5 28.9 43.3





#10

Bis(2-Chloroethyl)ether

Concen: 18.843 ng/ul

RT: 7.052 min Scan# 691

Delta R.T. 0.000 min

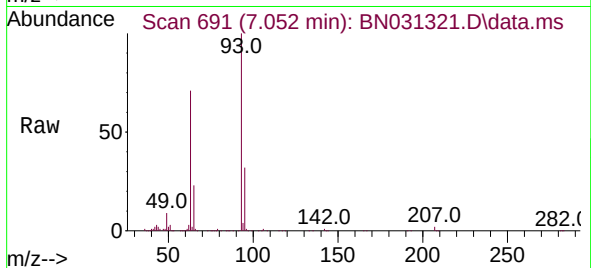
Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :



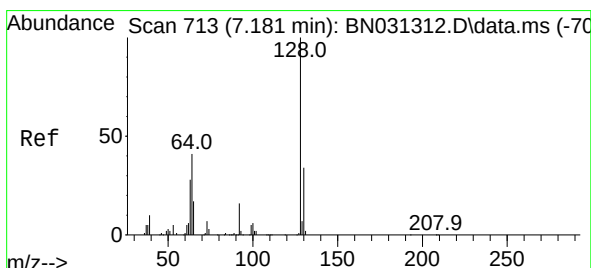
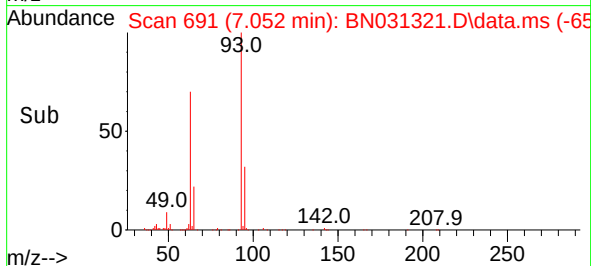
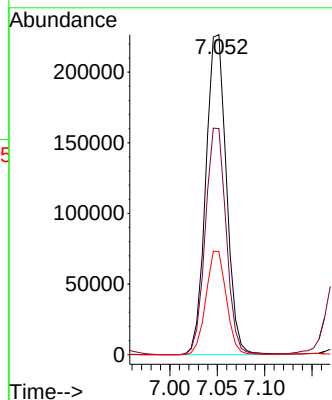
Tgt Ion: 93 Resp: 342807

Ion Ratio Lower Upper

93 100

63 70.6 59.6 89.4

95 32.2 26.5 39.7



#12

2-Chlorophenol

Concen: 18.386 ng/ul

RT: 7.175 min Scan# 712

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

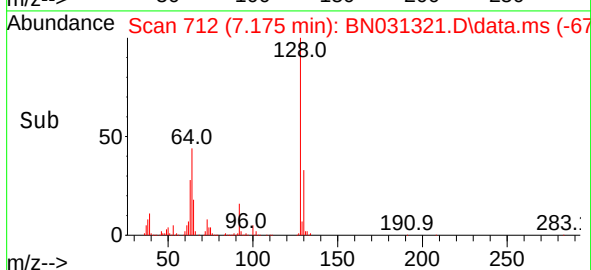
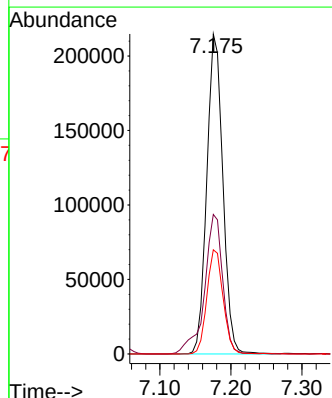
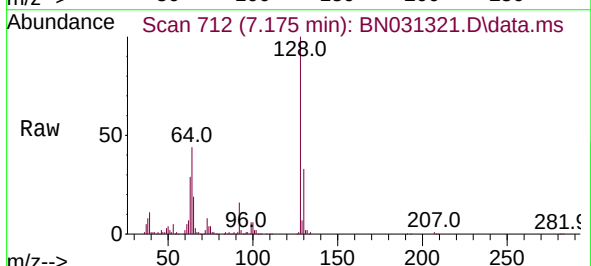
Tgt Ion:128 Resp: 338170

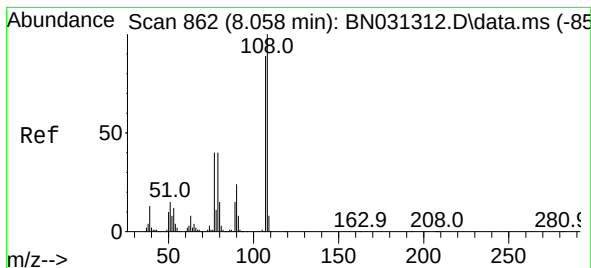
Ion Ratio Lower Upper

128 100

64 43.6 35.8 53.6

130 32.5 27.0 40.4





#13

2-Methylphenol

Concen: 18.607 ng/ul

RT: 8.058 min Scan# 862

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

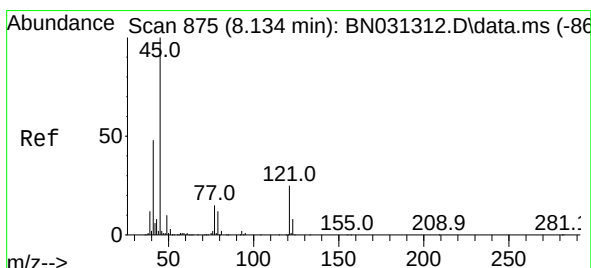
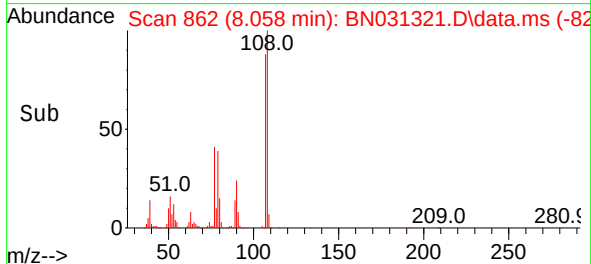
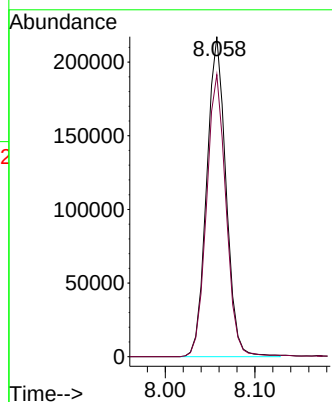
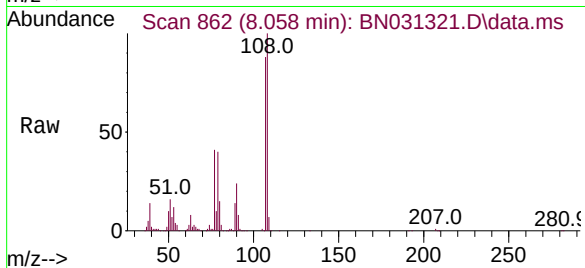
ClientSampleId :

Tgt Ion:108 Resp: 324772

Ion Ratio Lower Upper

108 100

107 88.1 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.788 ng/ul

RT: 8.134 min Scan# 875

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

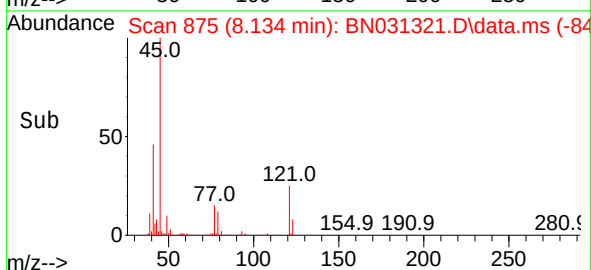
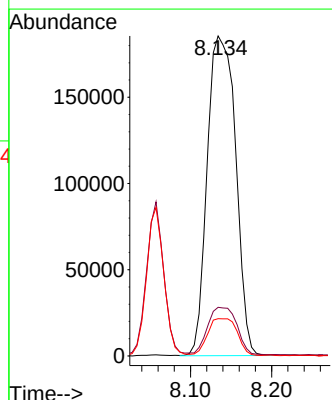
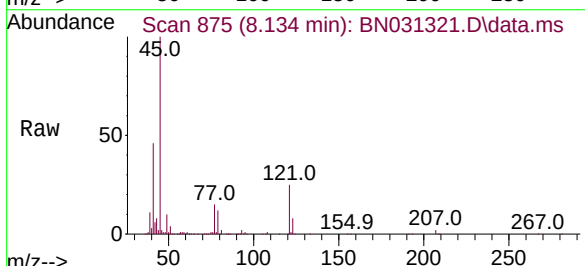
Tgt Ion: 45 Resp: 451028

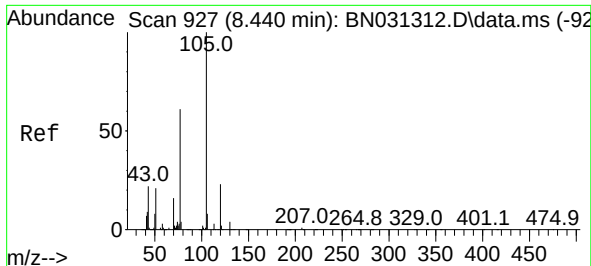
Ion Ratio Lower Upper

45 100

77 15.2 12.6 19.0

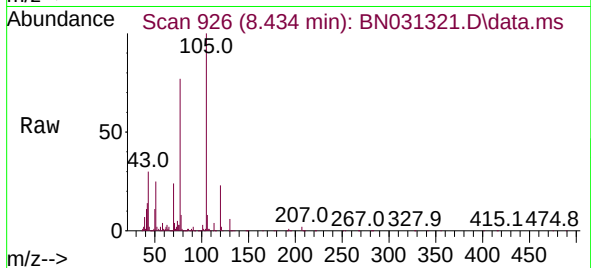
79 11.7 9.5 14.3



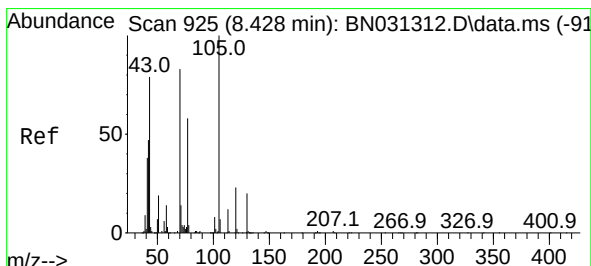
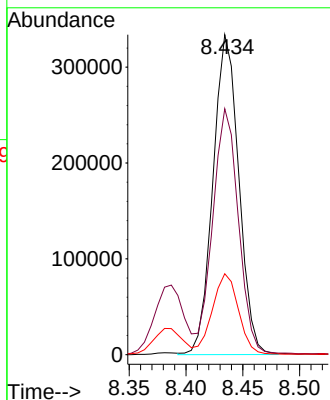
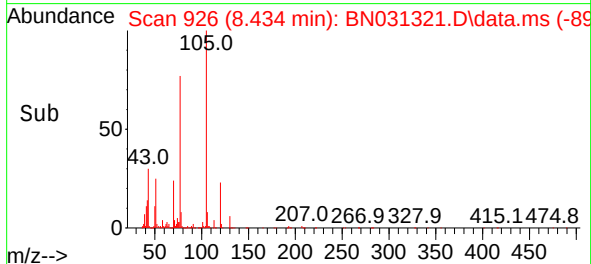


#16
Acetophenone
Concen: 19.368 ng/ul
RT: 8.434 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Instrument :
BNA_N
ClientSampleId :

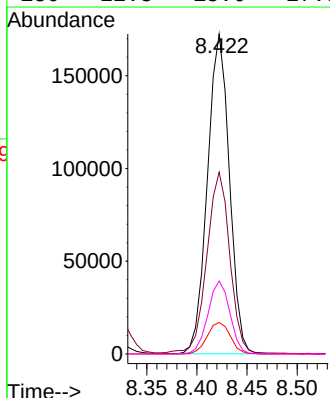
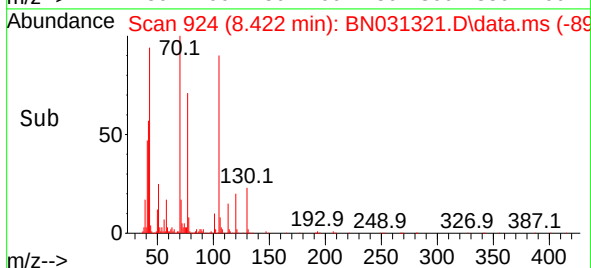
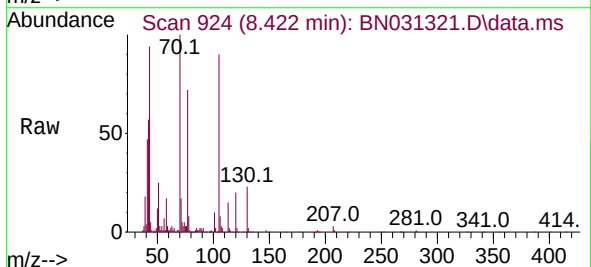


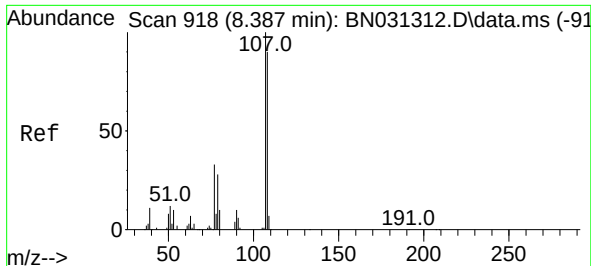
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Ion Ratio Lower Upper
105 100
77 76.8 62.0 93.0
51 25.3 20.6 30.8



#17
N-Nitroso-di-n-propylamine
Concen: 18.410 ng/ul
RT: 8.422 min Scan# 924
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion: 70 Resp: 263345
Ion Ratio Lower Upper
70 100
42 56.8 44.7 67.1
101 9.9 8.5 12.7
130 22.8 18.6 27.8

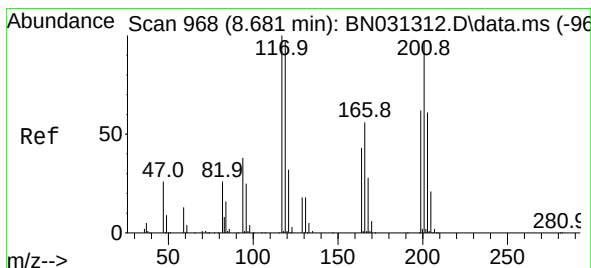
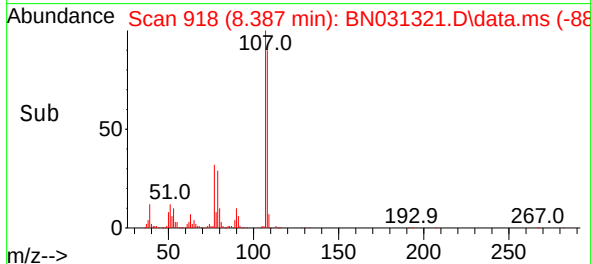
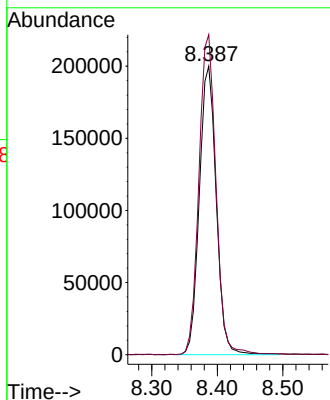
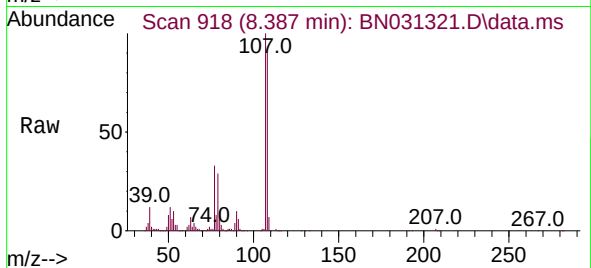




#18
4-Methylphenol
Concen: 18.832 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

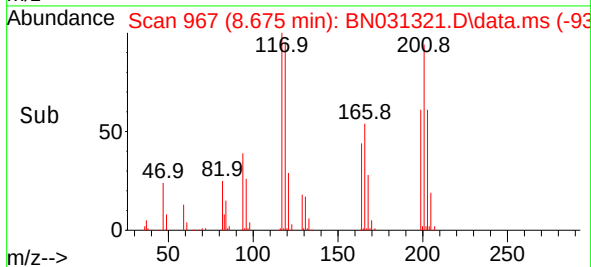
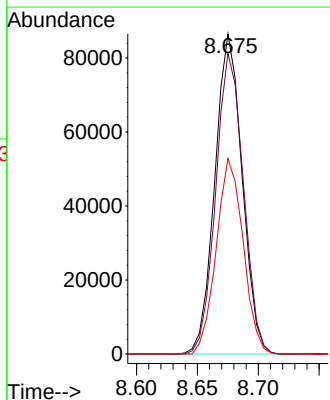
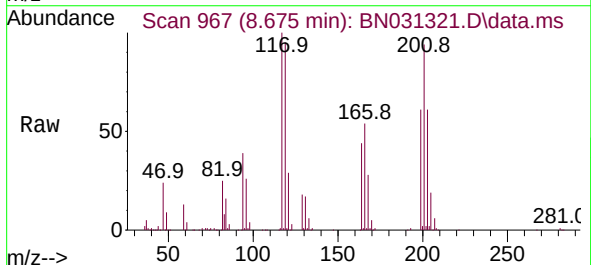
Instrument :
BNA_N
ClientSampleId :

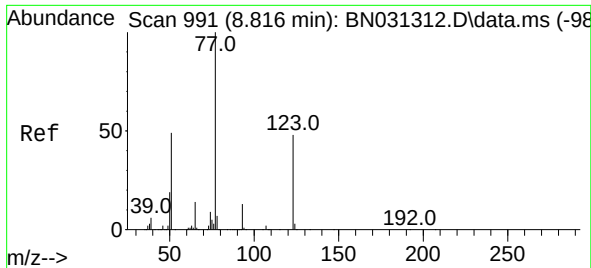
Tgt Ion:108 Resp: 359760
Ion Ratio Lower Upper
108 100
107 110.9 86.4 129.6



#19
Hexachloroethane
Concen: 18.119 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:117 Resp: 134838
Ion Ratio Lower Upper
117 100
201 93.9 76.3 114.5
199 61.1 49.6 74.4

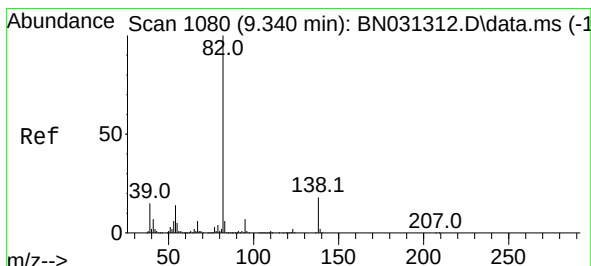
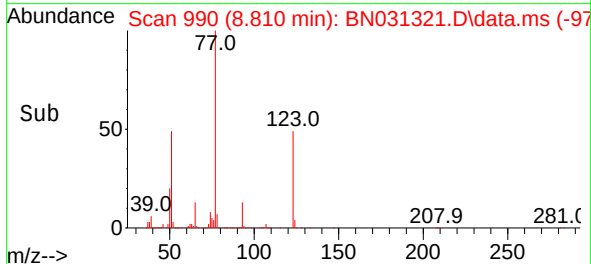
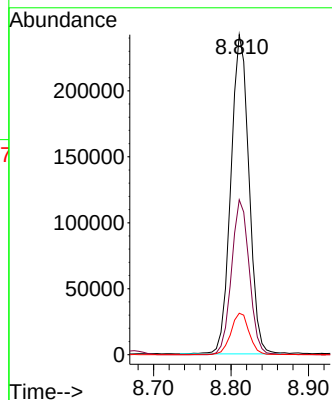
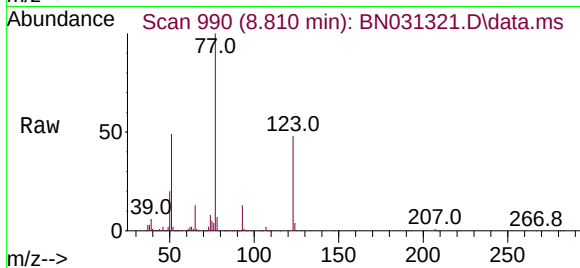




#22
Nitrobenzene
Concen: 18.363 ng/ul
RT: 8.810 min Scan# 991
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

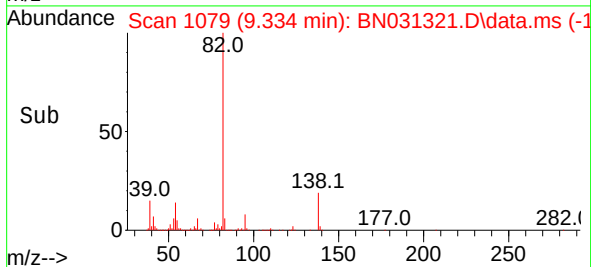
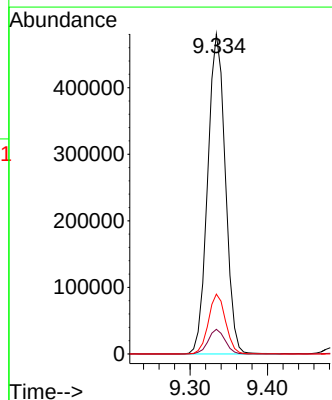
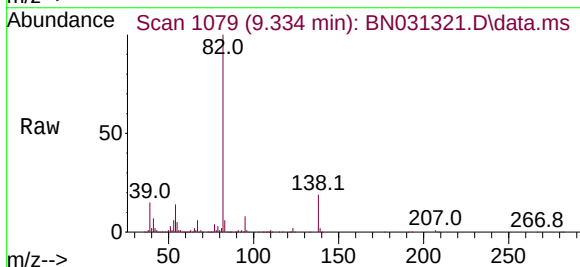
Instrument :
BNA_N
ClientSampleId :

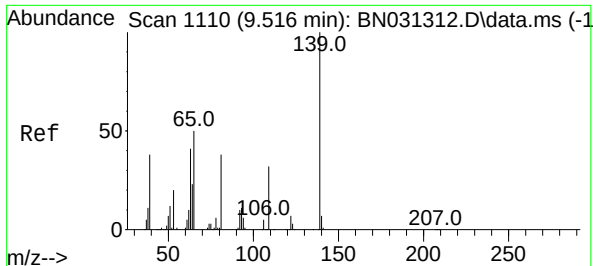
Tgt Ion: 77 Resp: 394076
Ion Ratio Lower Upper
77 100
123 48.4 37.3 55.9
65 13.0 10.8 16.2



#23
Isophorone
Concen: 18.179 ng/ul
RT: 9.334 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion: 82 Resp: 761275
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 18.7 14.8 22.2





#25

2-Nitrophenol

Concen: 18.519 ng/ul

RT: 9.516 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

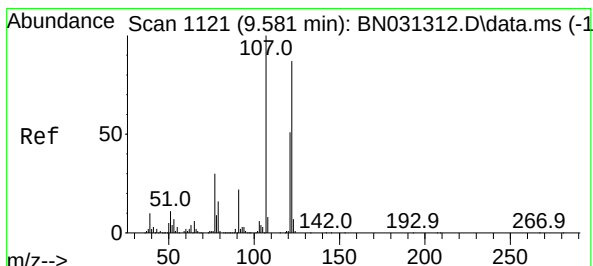
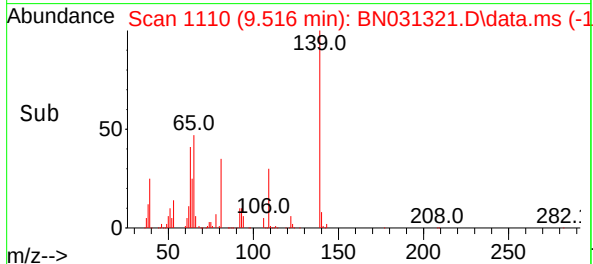
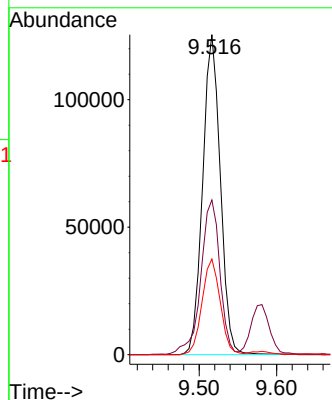
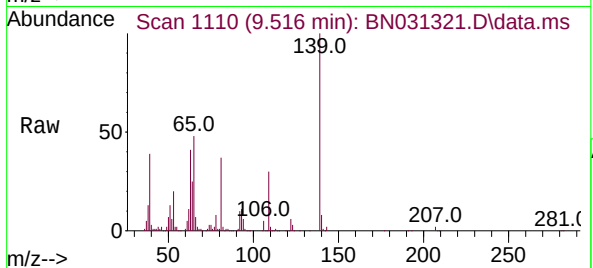
Tgt Ion:139 Resp: 198863

Ion Ratio Lower Upper

139 100

65 48.4 39.5 59.3

109 29.9 25.4 38.2



#26

2,4-Dimethylphenol

Concen: 18.455 ng/ul

RT: 9.581 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

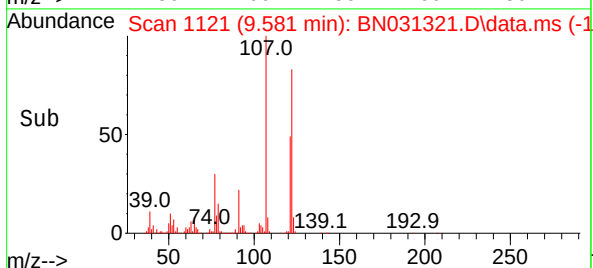
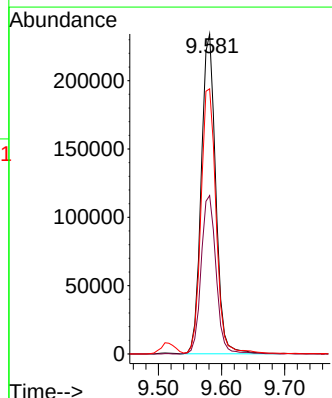
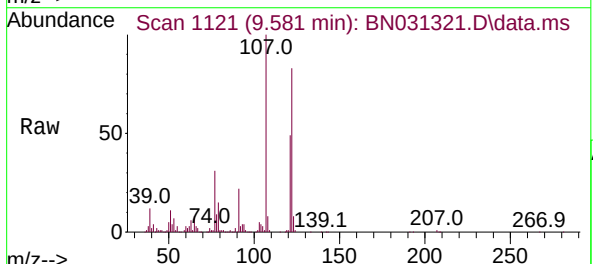
Tgt Ion:107 Resp: 372529

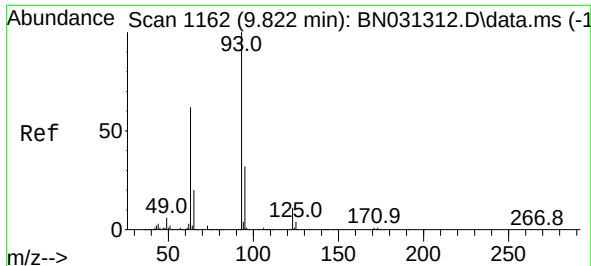
Ion Ratio Lower Upper

107 100

121 49.5 41.4 62.2

122 82.9 67.8 101.6

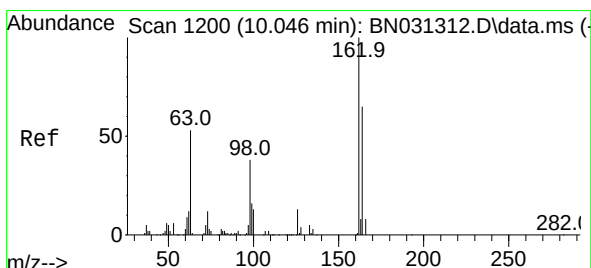
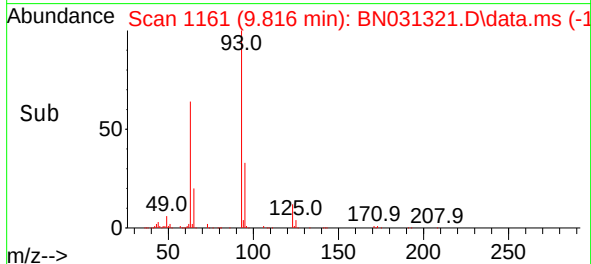
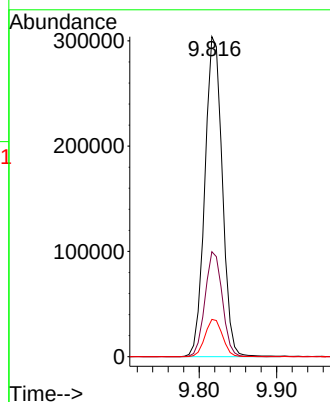
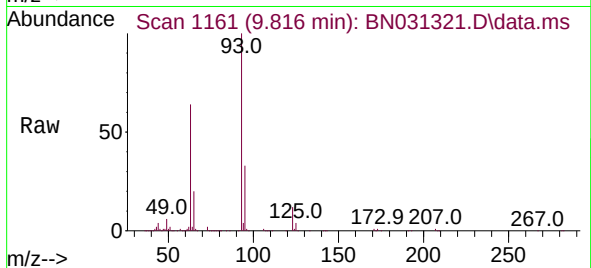




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.040 ng/ul
 RT: 9.816 min Scan# 1161
 Delta R.T. -0.006 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

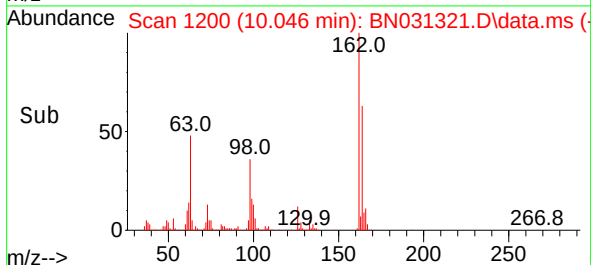
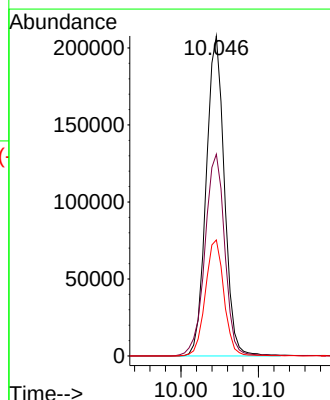
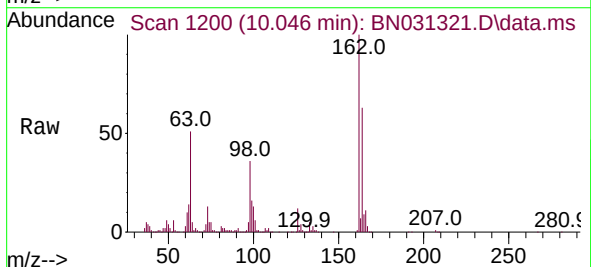
Instrument :
 BNA_N
 ClientSampleId :

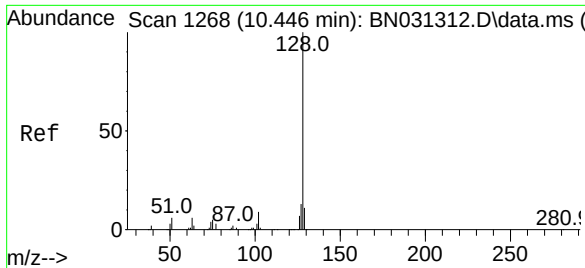
Tgt Ion: 93 Resp: 475185
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.9 38.9
 123 11.6 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 18.767 ng/ul
 RT: 10.046 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

Tgt Ion: 162 Resp: 338660
 Ion Ratio Lower Upper
 162 100
 164 63.1 52.6 78.8
 98 36.3 29.5 44.3





#30

Naphthalene

Concen: 18.127 ng/ul

RT: 10.440 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

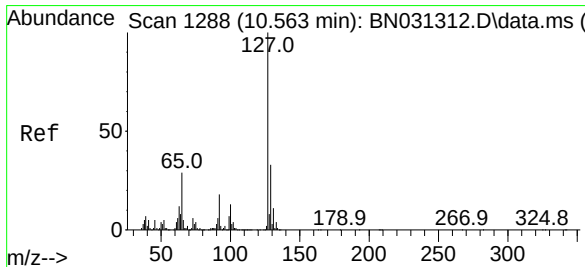
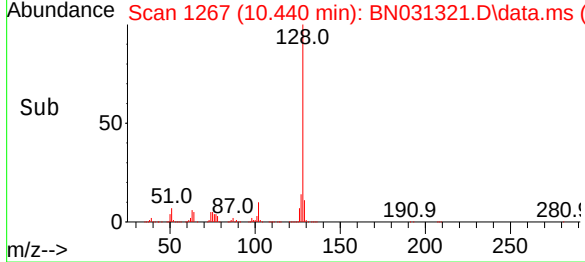
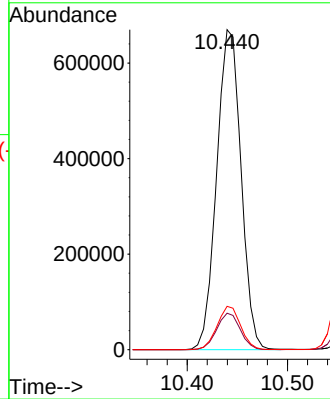
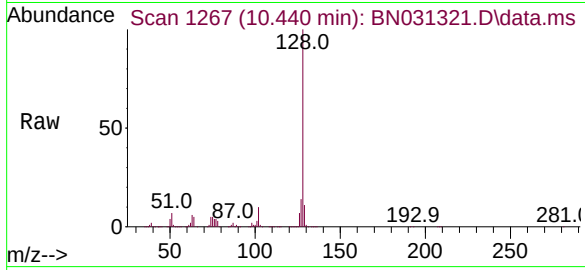
Tgt Ion:128 Resp: 1130448

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.5 10.7 16.1



#32

4-Chloroaniline

Concen: 19.049 ng/ul

RT: 10.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BN031321.D

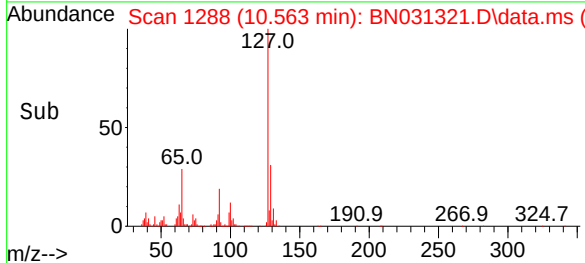
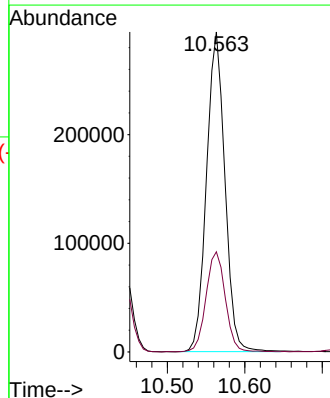
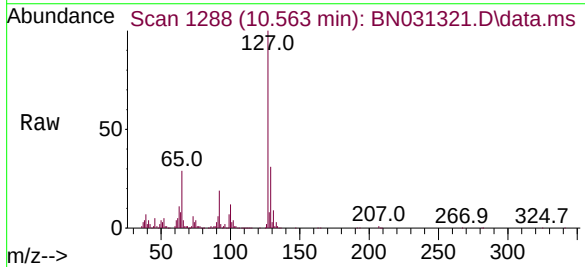
Acq: 30 Apr 2024 15:18

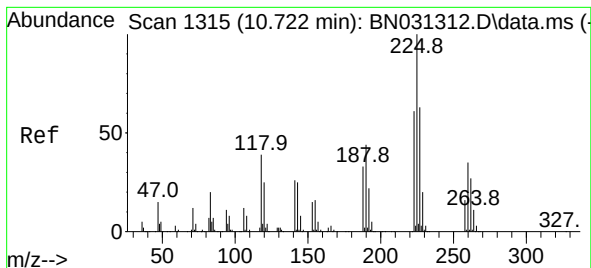
Tgt Ion:127 Resp: 483122

Ion Ratio Lower Upper

127 100

129 31.3 26.8 40.2





#33

Hexachlorobutadiene

Concen: 18.379 ng/ul

RT: 10.722 min Scan# 1420

Delta R.T. 0.000 min

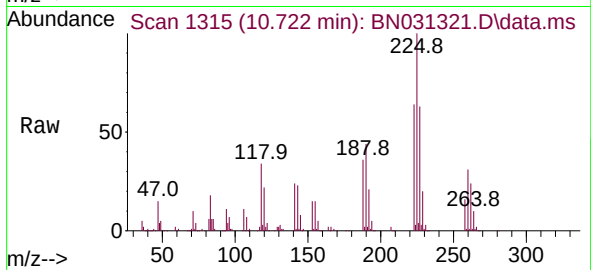
Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :



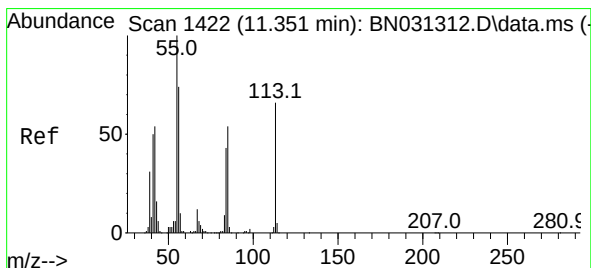
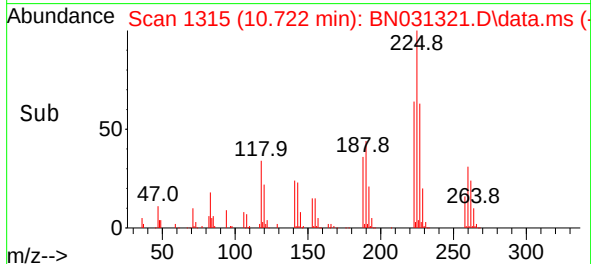
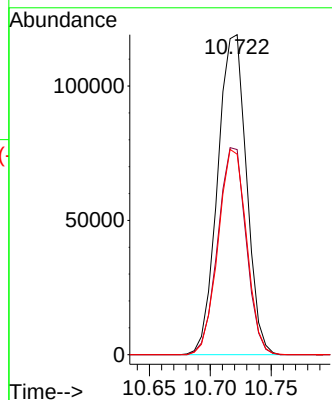
Tgt Ion:225 Resp: 196050

Ion Ratio Lower Upper

225 100

223 64.1 50.6 75.8

227 62.7 51.7 77.5



#34

Caprolactam

Concen: 10.668 ng/ul

RT: 11.346 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

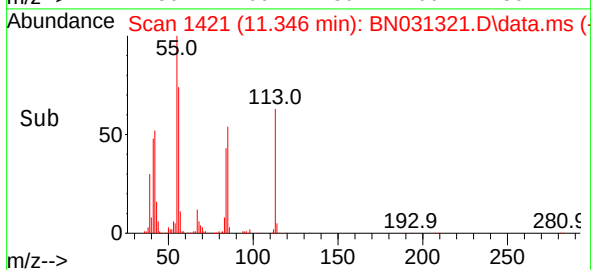
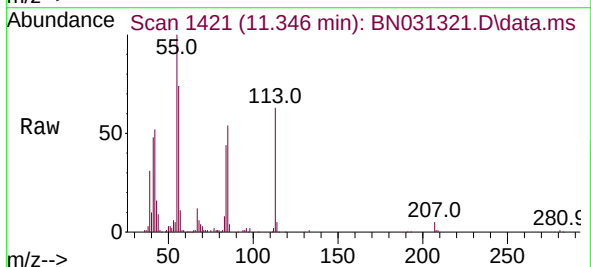
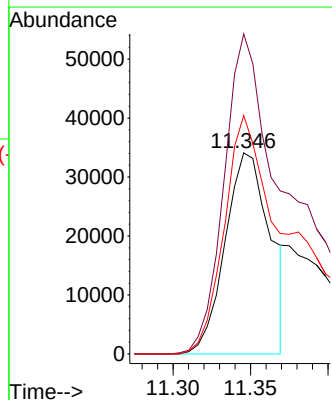
Tgt Ion:113 Resp: 68766

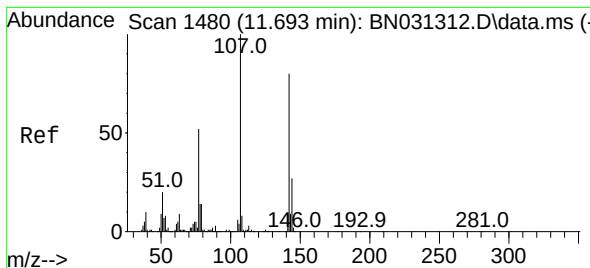
Ion Ratio Lower Upper

113 100

55 159.1 119.9 179.9

56 118.5 89.6 134.4





#35

4-Chloro-3-methylphenol

Concen: 18.556 ng/ul

RT: 11.693 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

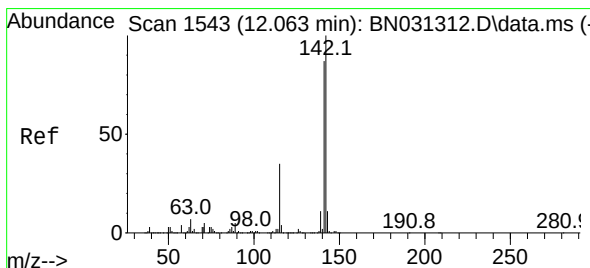
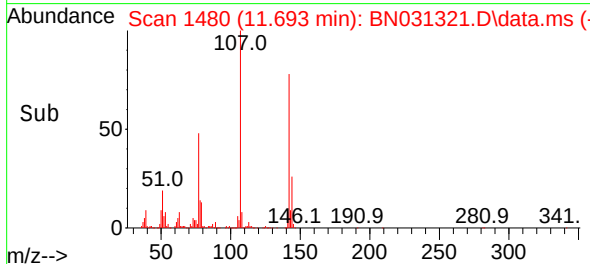
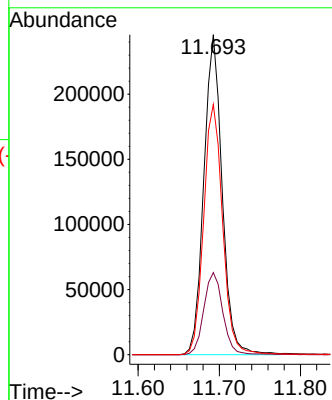
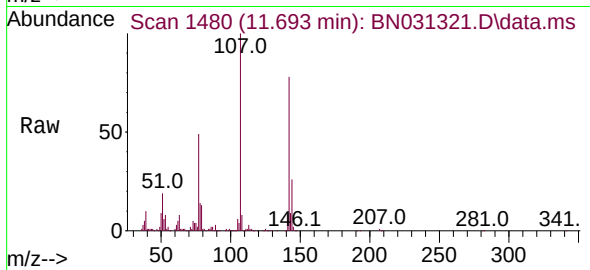
Tgt Ion:107 Resp: 384615

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

142 78.2 66.4 99.6



#36

2-Methylnaphthalene

Concen: 18.443 ng/ul

RT: 12.063 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BN031321.D

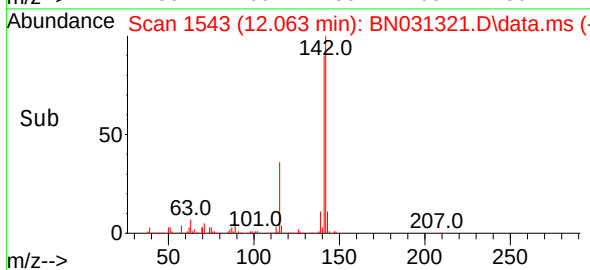
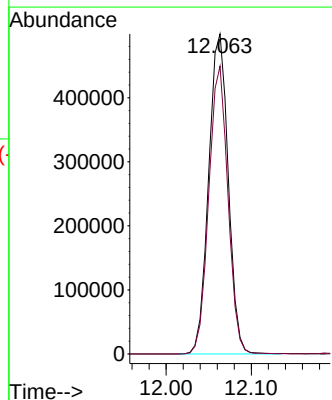
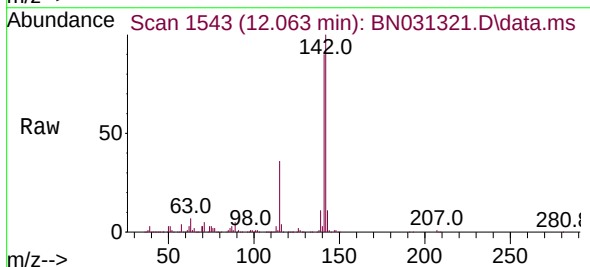
Acq: 30 Apr 2024 15:18

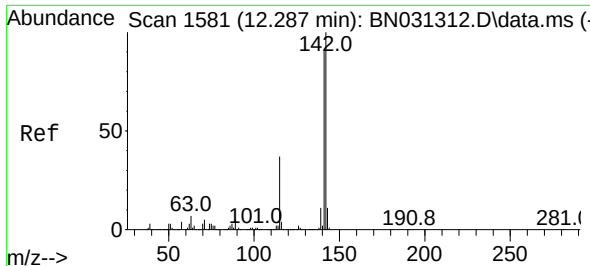
Tgt Ion:142 Resp: 797455

Ion Ratio Lower Upper

142 100

141 89.9 75.0 112.4

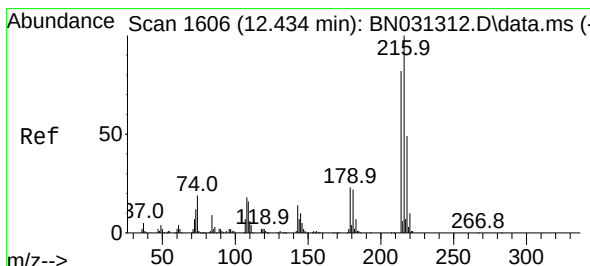
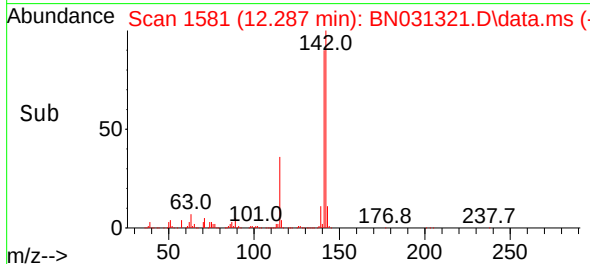
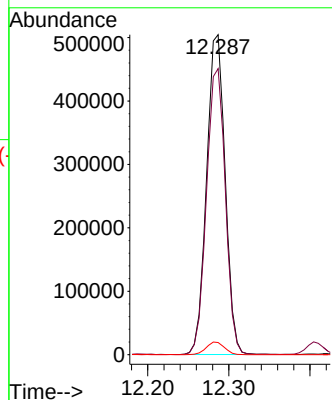
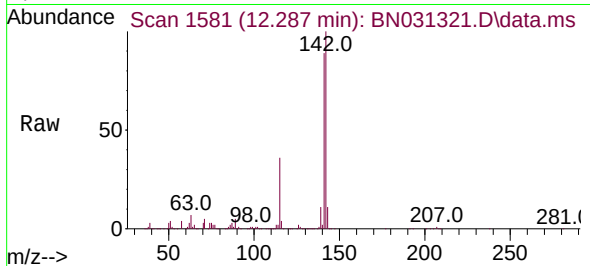




#37
1-Methylnaphthalene
Concen: 18.319 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

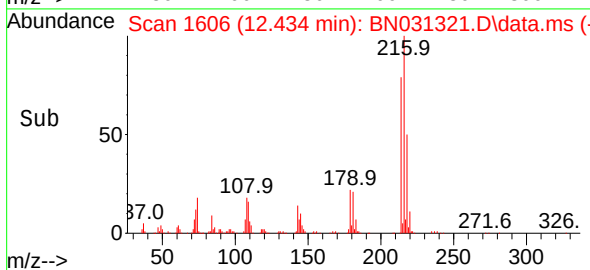
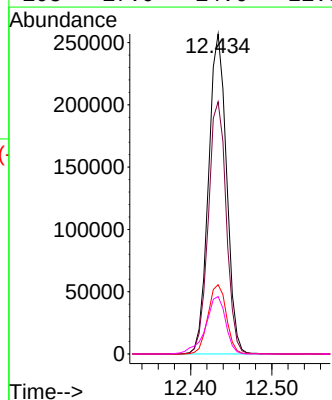
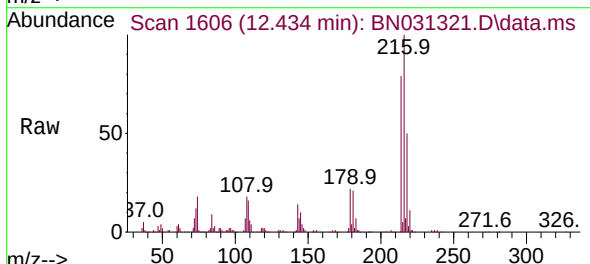
Instrument :
BNA_N
ClientSampleId :

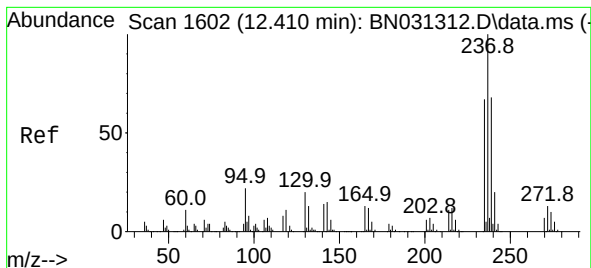
Tgt Ion:142 Resp: 801235
Ion Ratio Lower Upper
142 100
141 89.4 72.5 108.7
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.823 ng/ul
RT: 12.434 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:216 Resp: 396084
Ion Ratio Lower Upper
216 100
214 78.8 64.5 96.7
179 21.7 17.1 25.7
108 17.9 14.6 21.8





#40

Hexachlorocyclopentadiene

Concen: 16.386 ng/ul

RT: 12.404 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

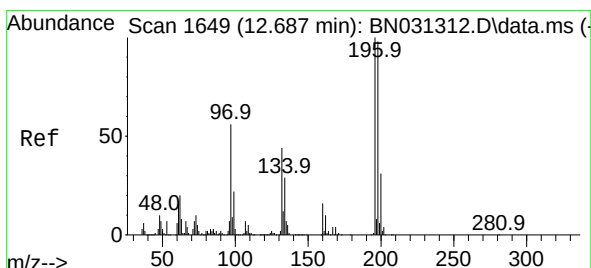
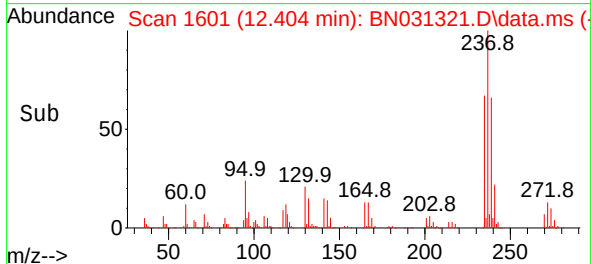
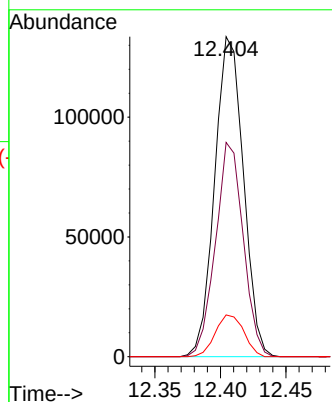
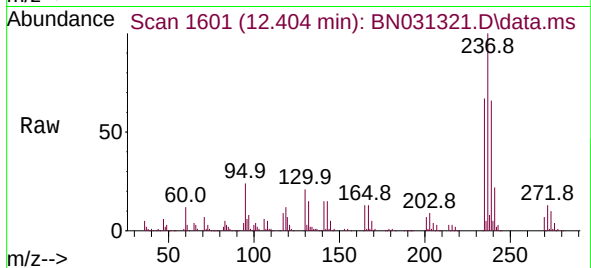
Tgt Ion:237 Resp: 203843

Ion Ratio Lower Upper

237 100

235 67.0 52.2 78.2

272 13.0 9.3 13.9



#41

2,4,6-Trichlorophenol

Concen: 17.900 ng/ul

RT: 12.681 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

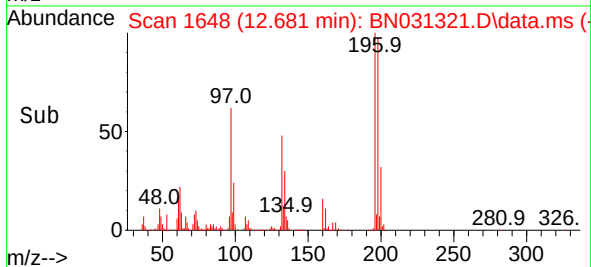
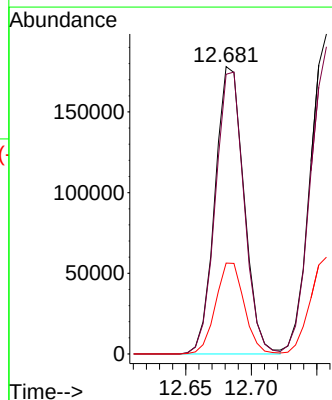
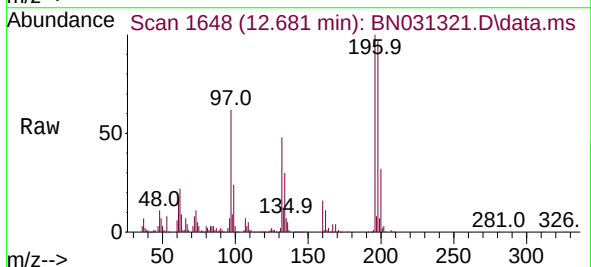
Tgt Ion:196 Resp: 273491

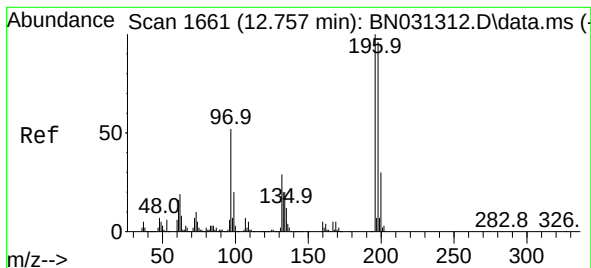
Ion Ratio Lower Upper

196 100

198 97.3 75.1 112.7

200 31.6 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 17.782 ng/ul

RT: 12.757 min Scan# 1661

Delta R.T. 0.000 min

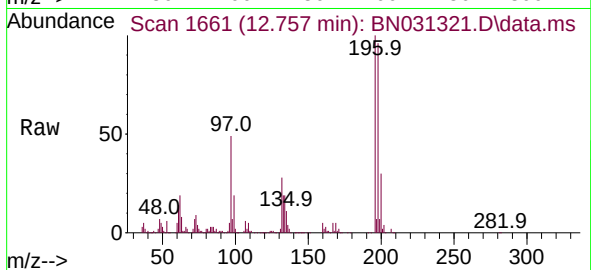
Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :



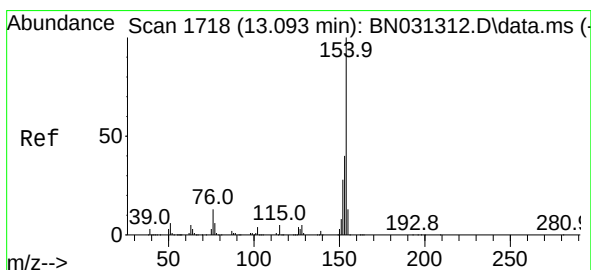
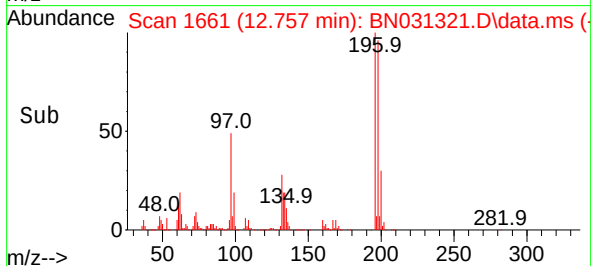
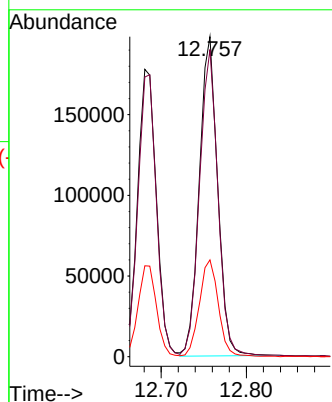
Tgt Ion:196 Resp: 296301

Ion Ratio Lower Upper

196 100

198 96.0 79.4 119.2

200 30.3 26.6 40.0



#43

1,1'-Biphenyl

Concen: 17.870 ng/ul

RT: 13.093 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

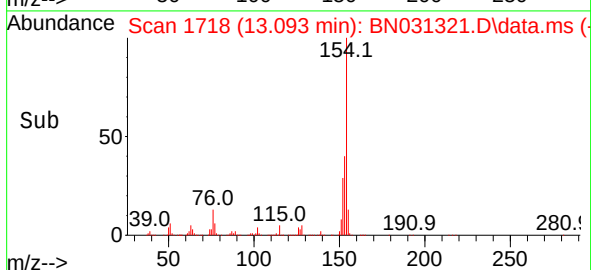
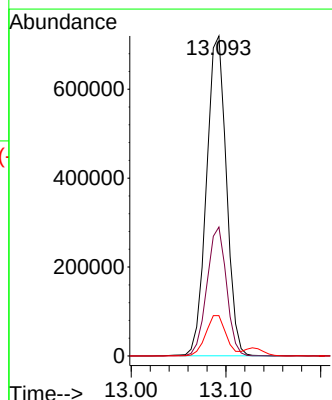
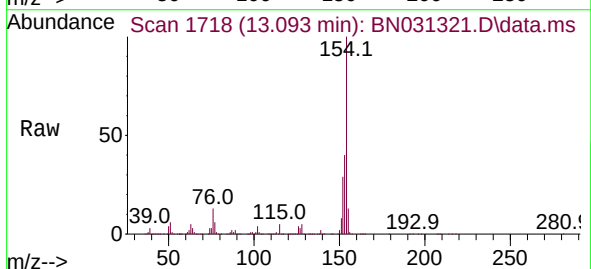
Tgt Ion:154 Resp: 1045105

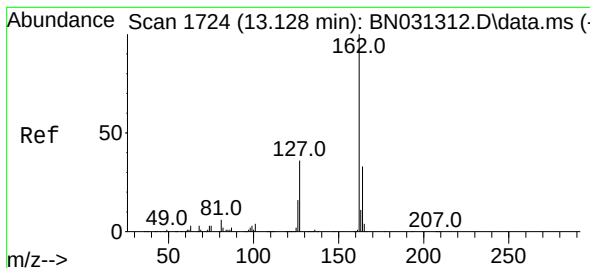
Ion Ratio Lower Upper

154 100

153 40.3 30.7 46.1

76 12.6 9.8 14.8





#44

2-Chloronaphthalene

Concen: 17.809 ng/ul

RT: 13.128 min Scan# 1724

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

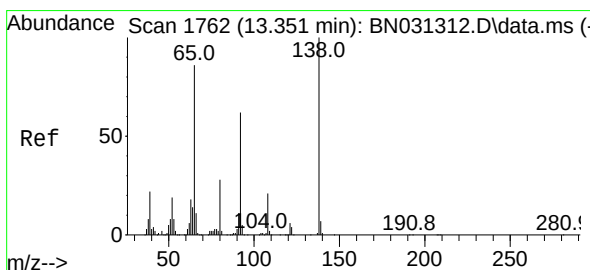
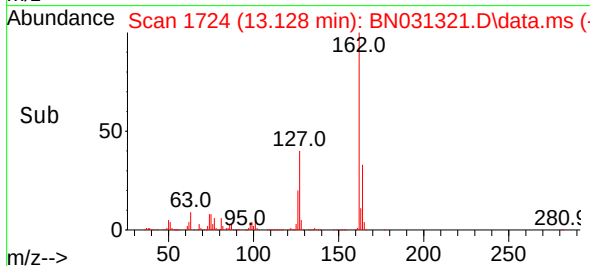
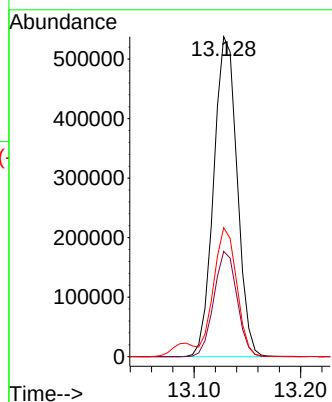
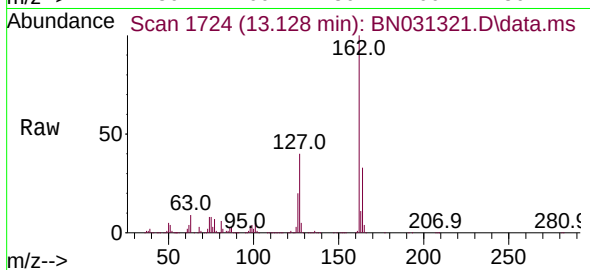
Tgt Ion:162 Resp: 822565

Ion Ratio Lower Upper

162 100

164 32.9 26.0 39.0

127 40.3 32.5 48.7



#45

2-Nitroaniline

Concen: 18.244 ng/ul

RT: 13.345 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

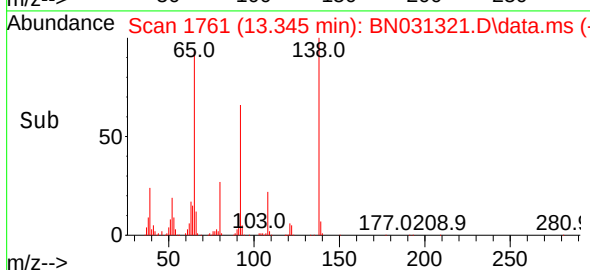
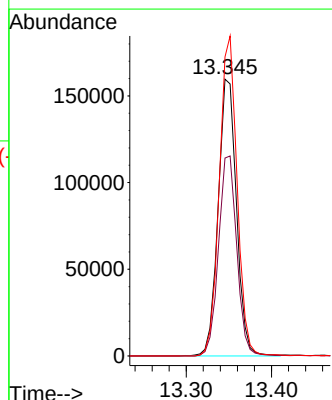
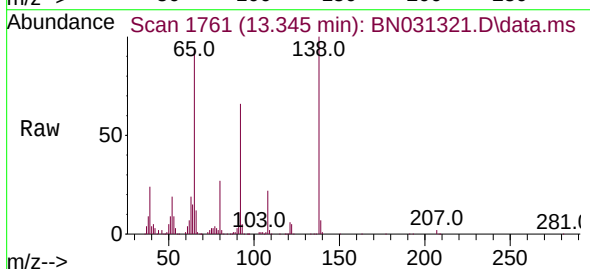
Tgt Ion: 65 Resp: 238691

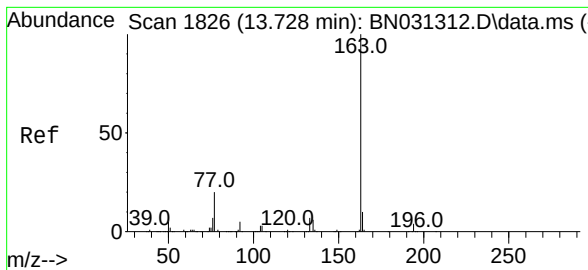
Ion Ratio Lower Upper

65 100

92 71.5 58.5 87.7

138 108.1 90.6 136.0





#47

Dimethylphthalate

Concen: 17.996 ng/ul

RT: 13.728 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

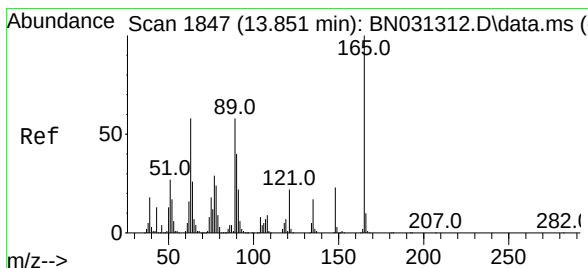
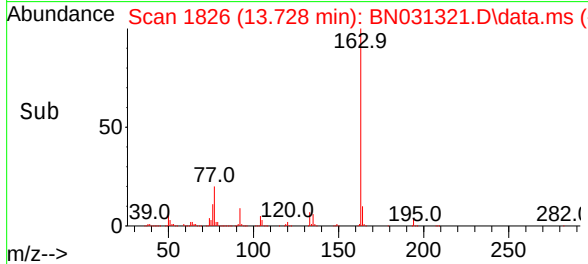
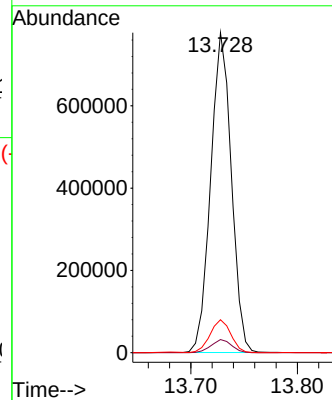
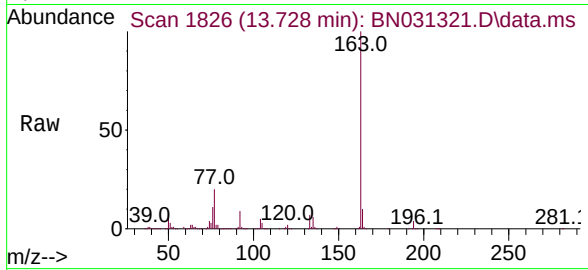
Tgt Ion:163 Resp: 1046716

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 18.519 ng/ul

RT: 13.851 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

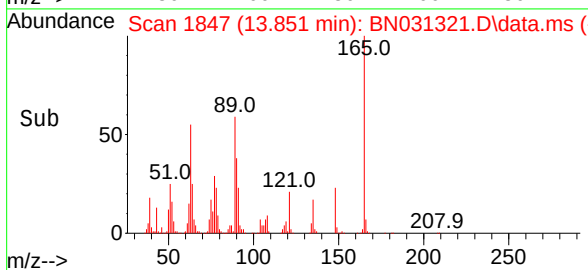
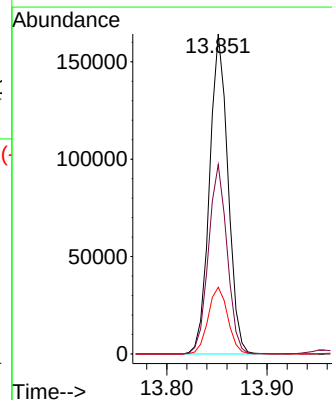
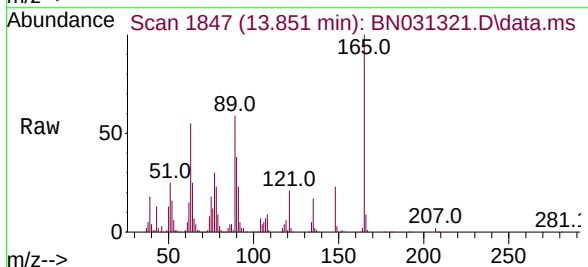
Tgt Ion:165 Resp: 210172

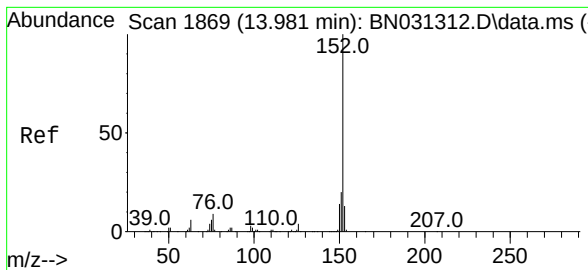
Ion Ratio Lower Upper

165 100

89 59.2 45.9 68.9

121 20.9 17.9 26.9

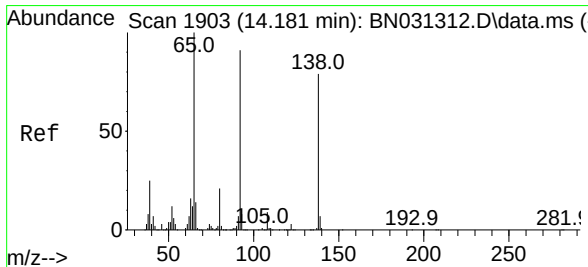
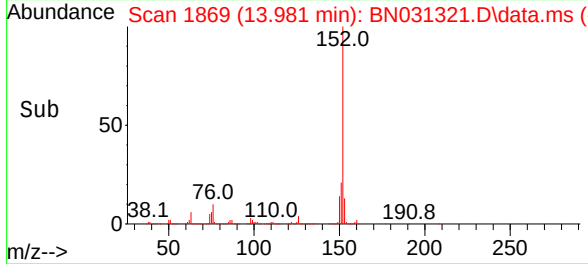
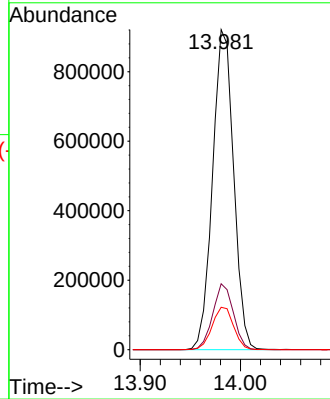
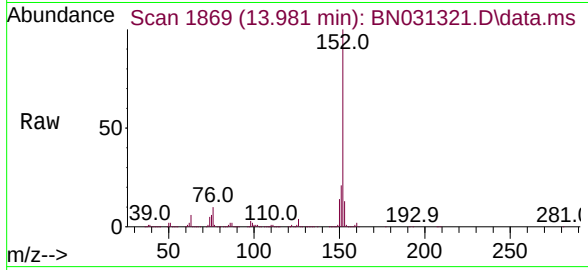




#50
Acenaphthylene
Concen: 17.935 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

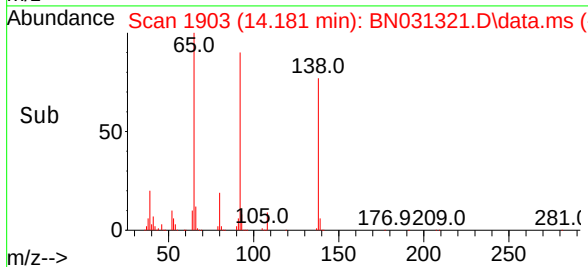
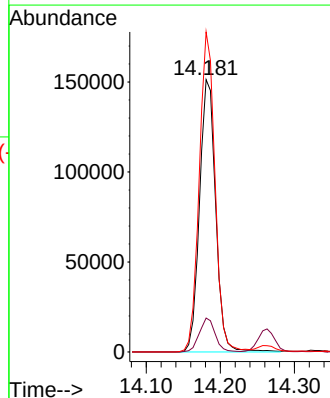
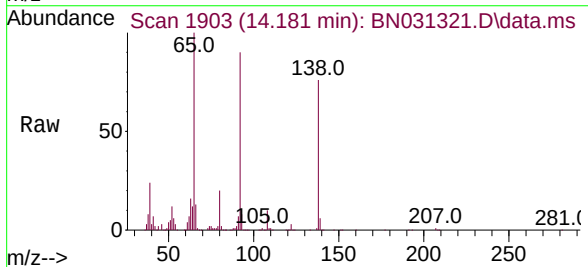
Instrument :
BNA_N
ClientSampleId :

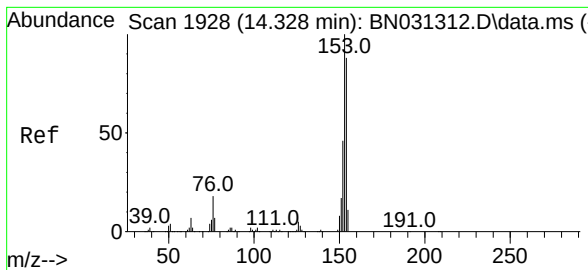
Tgt Ion:152 Resp: 1344266
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 18.742 ng/ul
RT: 14.181 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

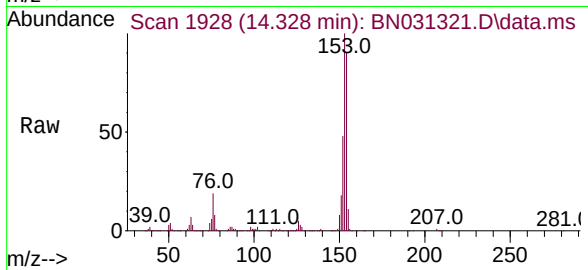
Tgt Ion:138 Resp: 229083
Ion Ratio Lower Upper
138 100
108 12.5 9.4 14.2
92 117.5 91.4 137.0



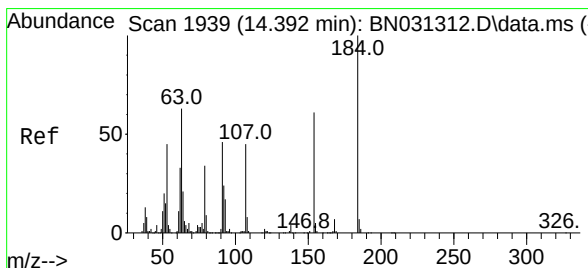
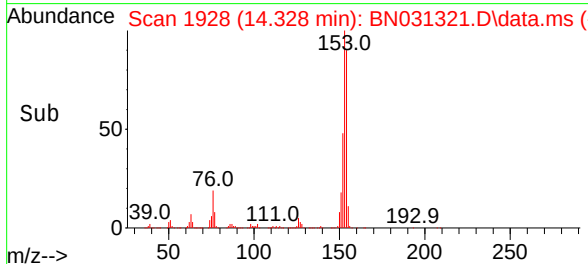
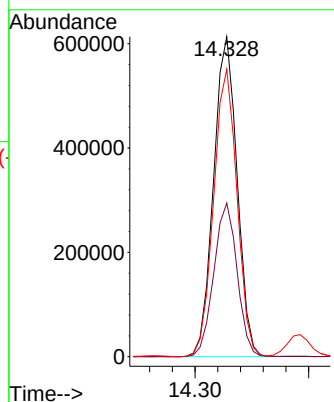


#52
 Acenaphthene
 Concen: 17.734 ng/ul
 RT: 14.328 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

Instrument :
 BNA_N
 ClientSampleId :

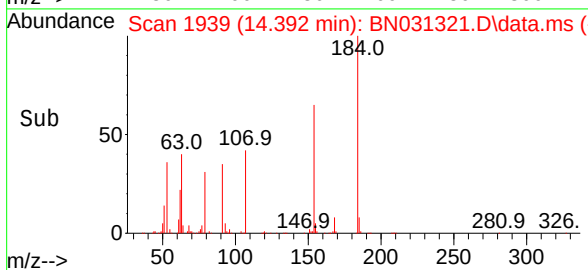
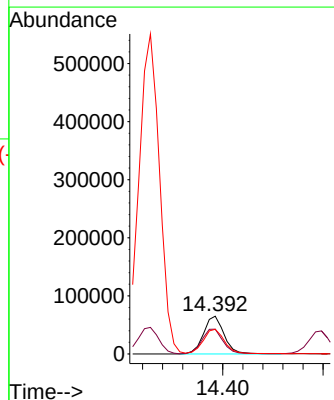
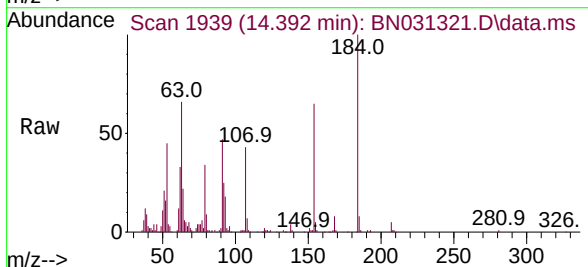


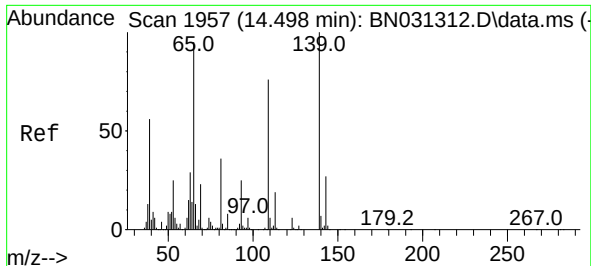
Tgt Ion:	153	Resp:	881765
Ion Ratio	Lower	Upper	
153	100		
152	48.0	38.3	57.5
154	89.8	70.7	106.1



#53
 2,4-Dinitrophenol
 Concen: 14.308 ng/ul
 RT: 14.392 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

Tgt Ion:	184	Resp:	92797
Ion Ratio	Lower	Upper	
184	100		
63	65.7	58.6	87.8
154	65.3	60.8	91.2

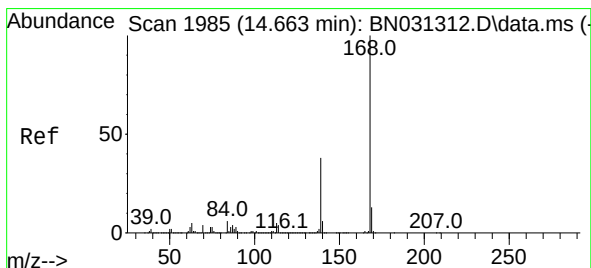
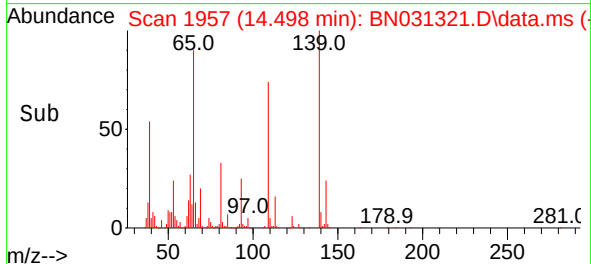
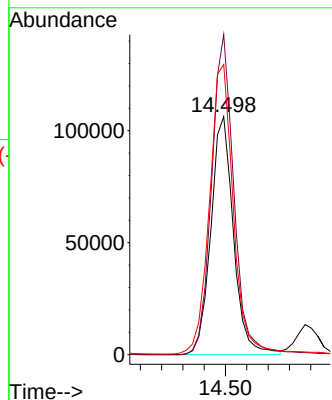
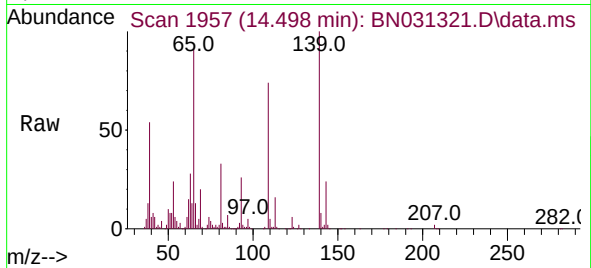




#55
4-Nitrophenol
Concen: 18.956 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

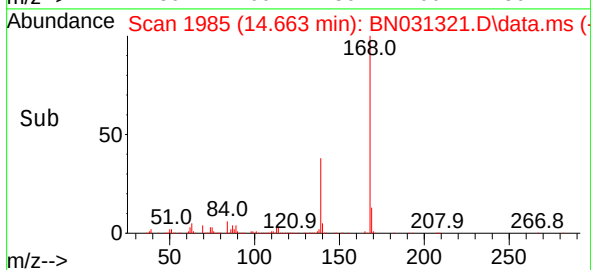
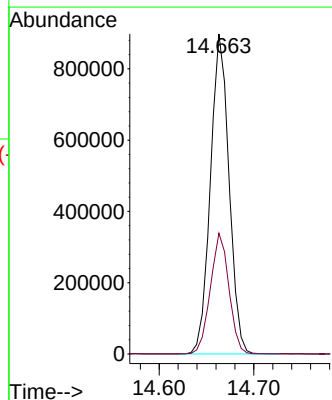
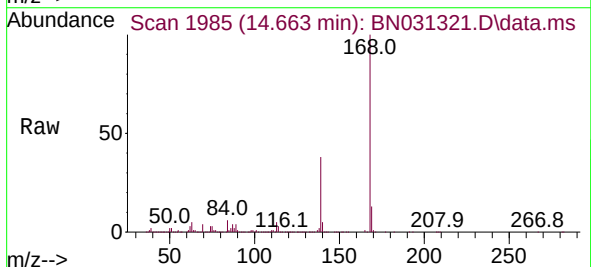
Instrument :
BNA_N
ClientSampleId :

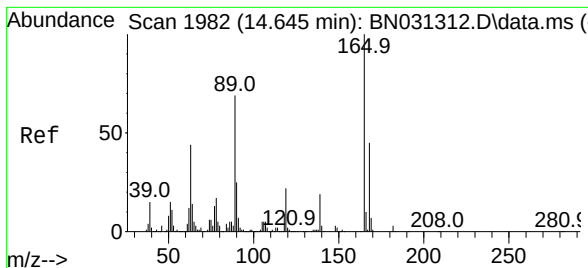
Tgt Ion:109 Resp: 156350
Ion Ratio Lower Upper
109 100
139 134.4 106.2 159.2
65 121.9 99.9 149.9



#56
Dibenzofuran
Concen: 18.167 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:168 Resp: 1226643
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5

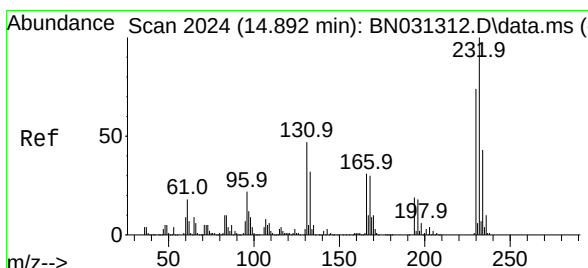
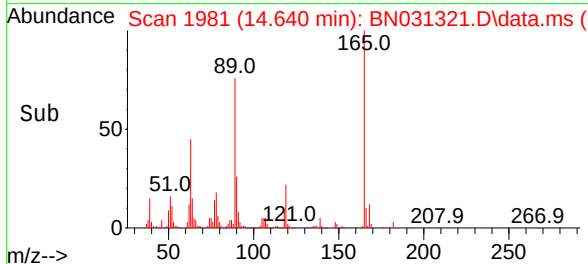
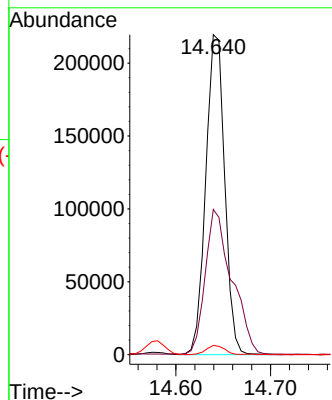
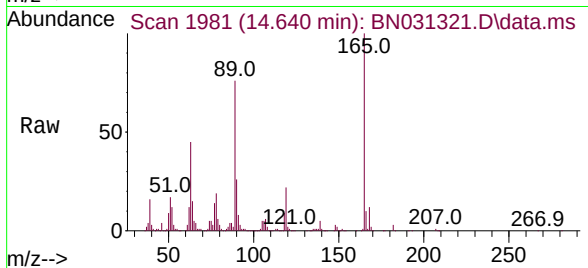




#57
2,4-Dinitrotoluene
Concen: 18.330 ng/ul
RT: 14.640 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

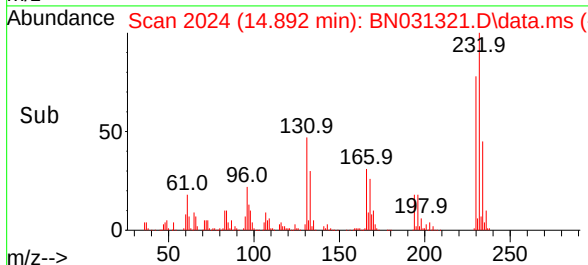
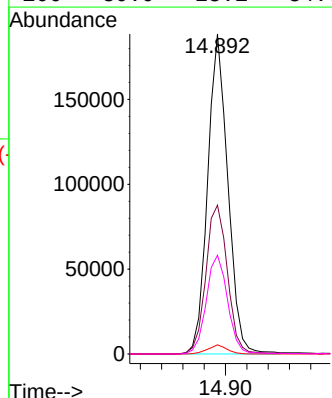
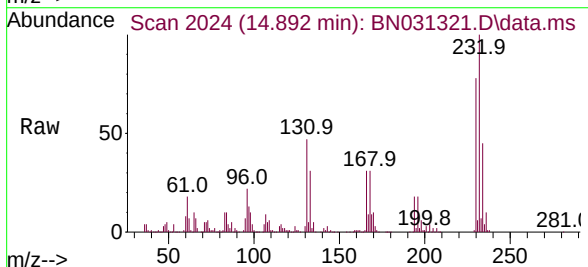
Instrument :
BNA_N
ClientSampleId :

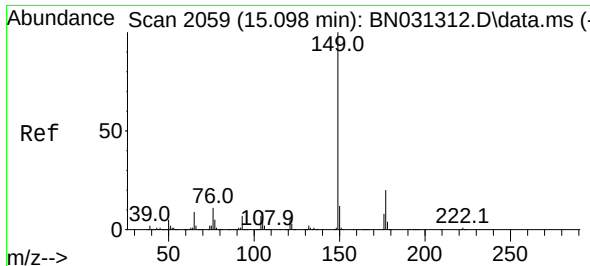
Tgt Ion:165 Resp: 305093
Ion Ratio Lower Upper
165 100
63 45.4 34.0 51.0
182 2.9 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.887 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:232 Resp: 249117
Ion Ratio Lower Upper
232 100
131 46.5 35.9 53.9
130 2.9 1.9 2.9
166 30.9 23.1 34.7





#59

Diethylphthalate

Concen: 18.161 ng/ul

RT: 15.098 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

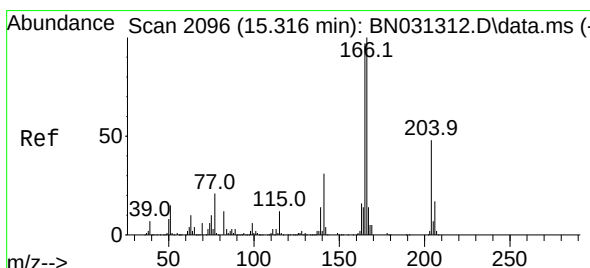
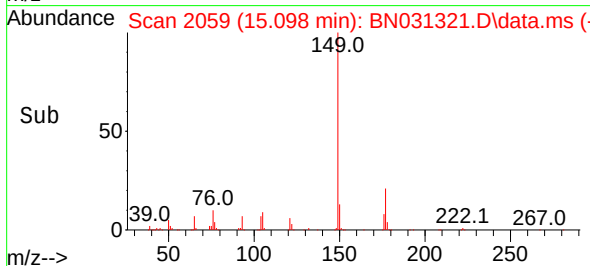
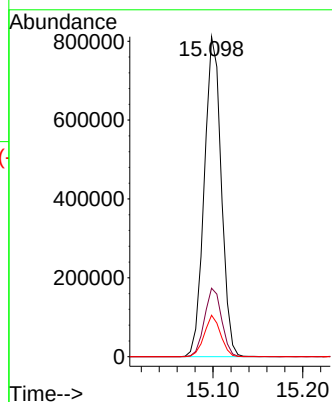
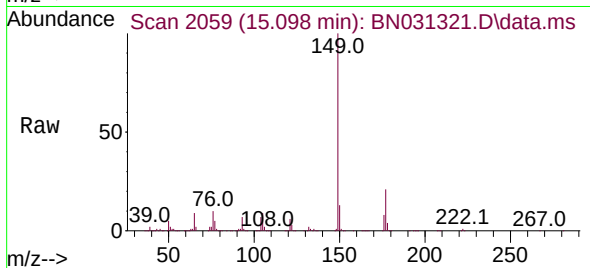
Tgt Ion:149 Resp: 1064620

Ion Ratio Lower Upper

149 100

177 21.4 17.2 25.8

150 12.9 9.4 14.2



#61

Fluorene

Concen: 18.134 ng/ul

RT: 15.316 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

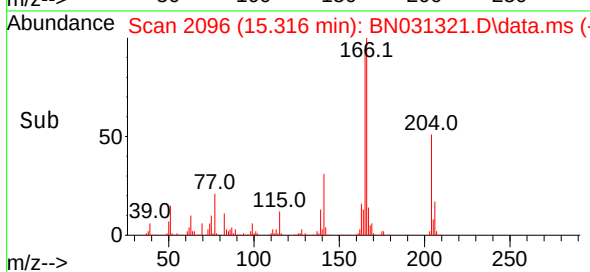
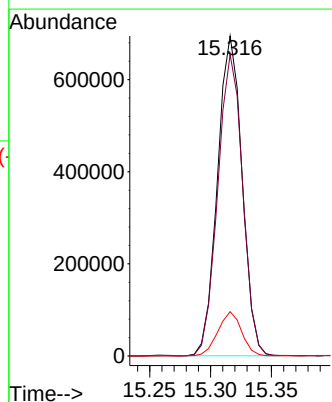
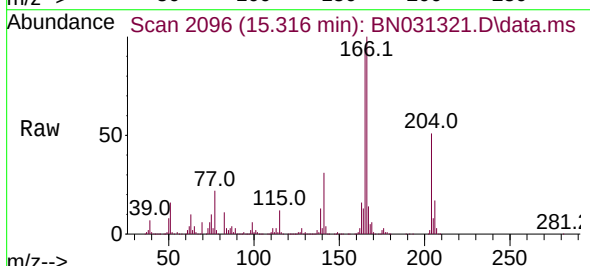
Tgt Ion:166 Resp: 976168

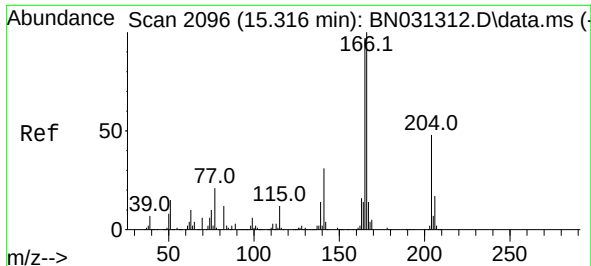
Ion Ratio Lower Upper

166 100

165 94.2 77.9 116.9

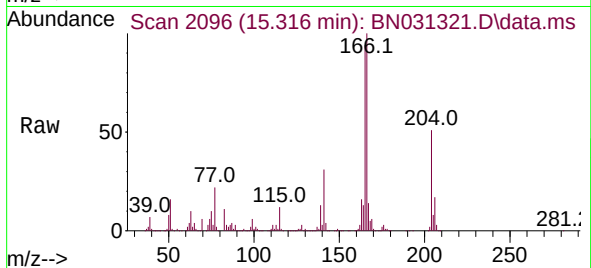
167 13.8 10.9 16.3



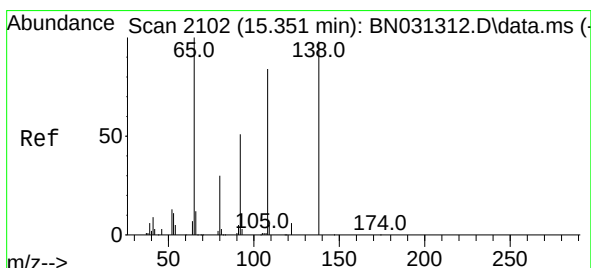
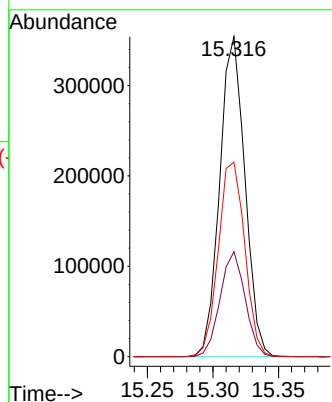
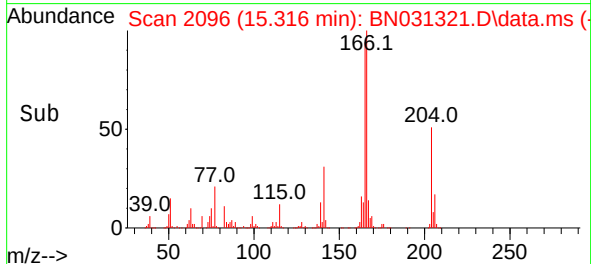


#62
4-Chlorophenyl-phenylether
Concen: 18.223 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Instrument :
BNA_N
ClientSampleId :

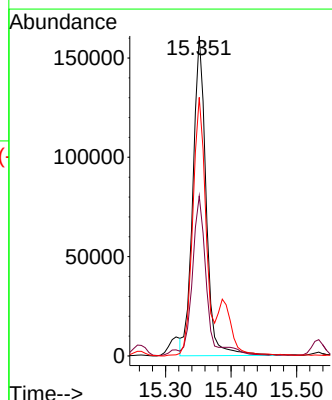
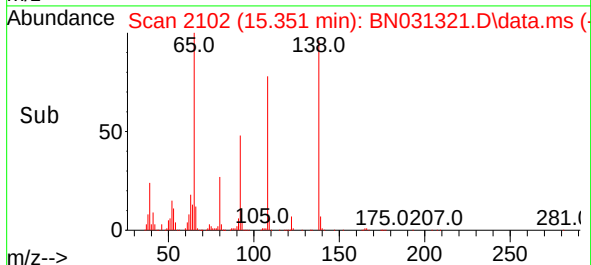
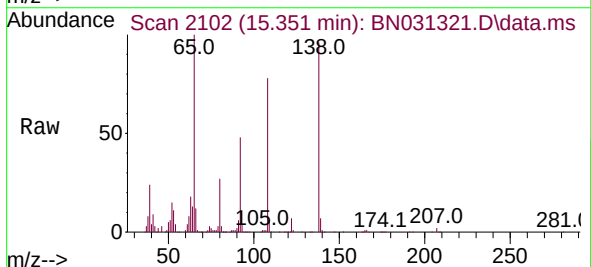


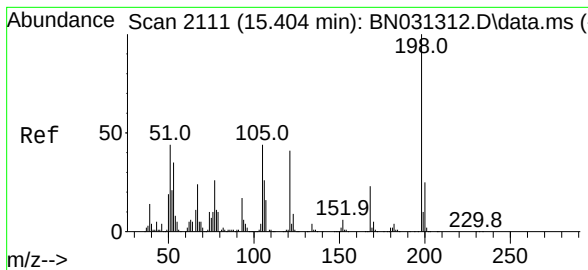
Tgt Ion:204 Resp: 473200
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 60.8 53.4 80.0



#63
4-Nitroaniline
Concen: 20.199 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:138 Resp: 226070
Ion Ratio Lower Upper
138 100
92 50.0 40.0 60.0
108 80.8 63.2 94.8

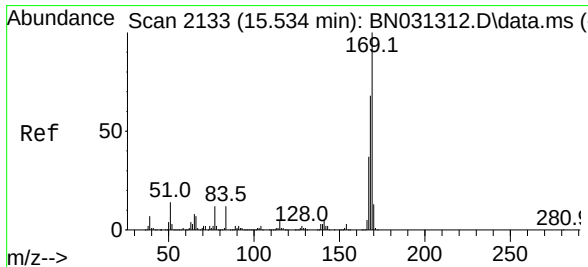
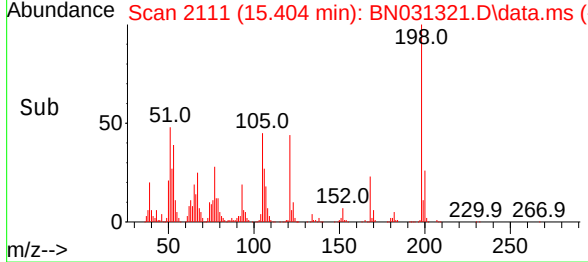
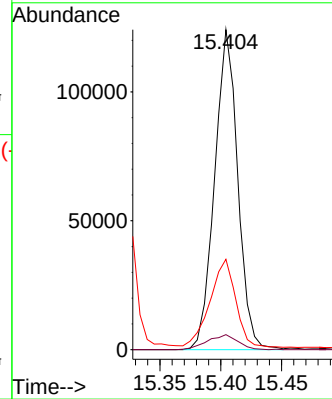
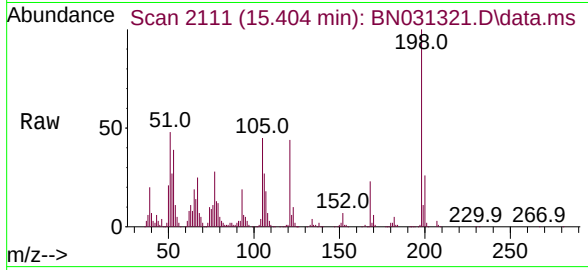




#66
4,6-Dinitro-2-methylphenol
Concen: 16.634 ng/ul
RT: 15.404 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

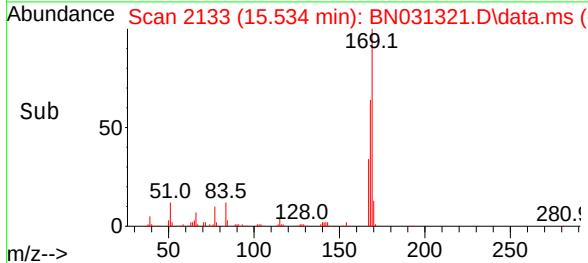
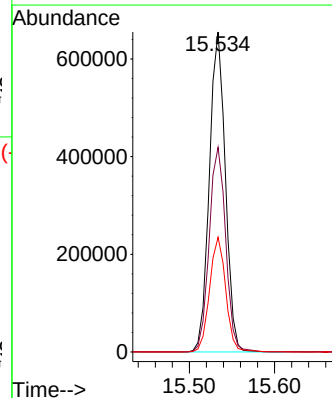
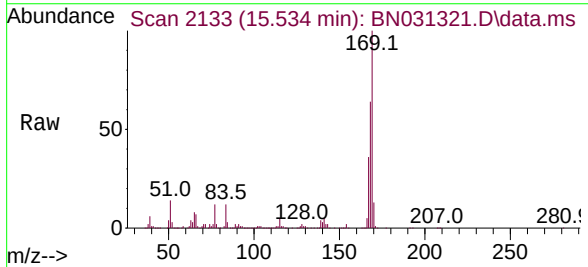
Instrument :
BNA_N
ClientSampleId :

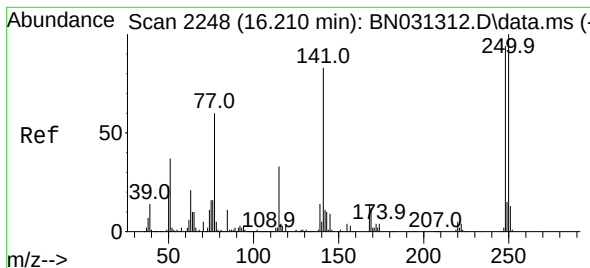
Tgt Ion:198 Resp: 163991
Ion Ratio Lower Upper
198 100
182 4.7 3.8 5.8
77 28.3 21.3 31.9



#67
N-Nitrosodiphenylamine
Concen: 17.995 ng/ul
RT: 15.534 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

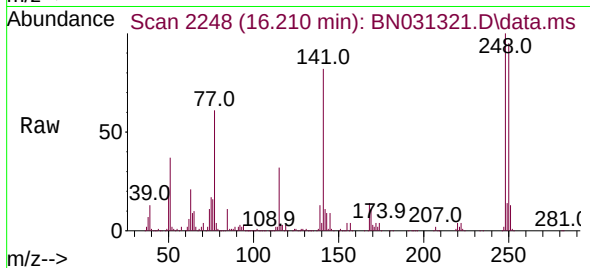
Tgt Ion:169 Resp: 855131
Ion Ratio Lower Upper
169 100
168 64.0 51.4 77.0
167 35.9 27.8 41.8



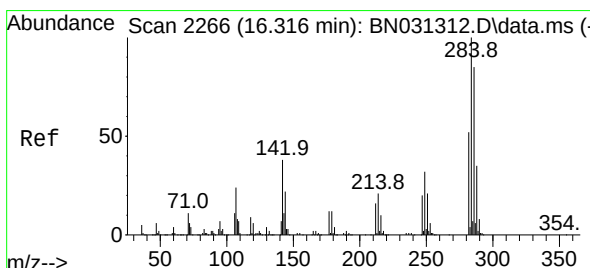
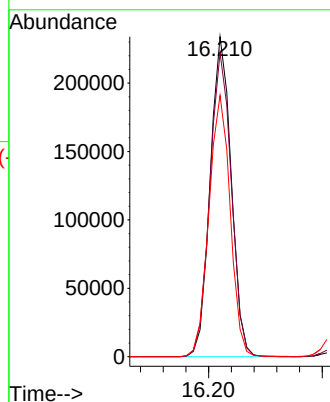
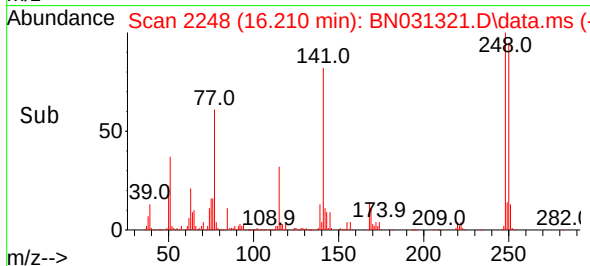


#68
4-Bromophenyl-phenylether
Concen: 17.913 ng/ul
RT: 16.210 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Instrument :
BNA_N
ClientSampleId :

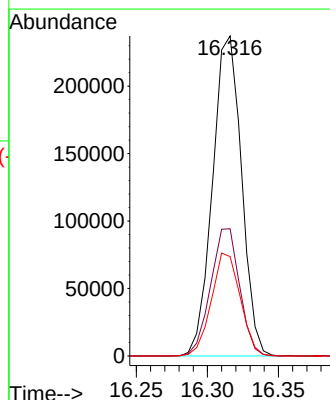
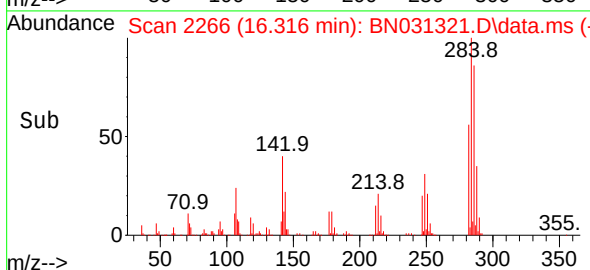
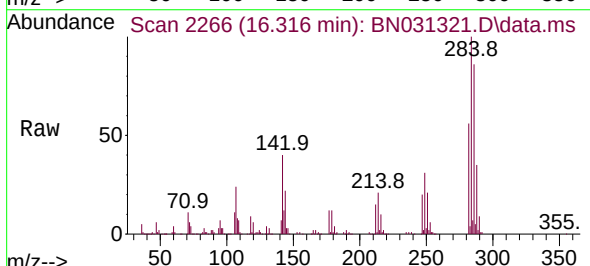


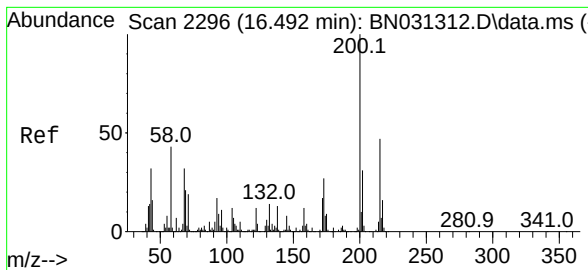
Tgt Ion:248 Resp: 299714
Ion Ratio Lower Upper
248 100
250 95.0 79.6 119.4
141 81.7 61.7 92.5



#69
Hexachlorobenzene
Concen: 17.440 ng/ul
RT: 16.316 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:284 Resp: 336509
Ion Ratio Lower Upper
284 100
142 39.7 31.0 46.4
249 31.1 25.5 38.3

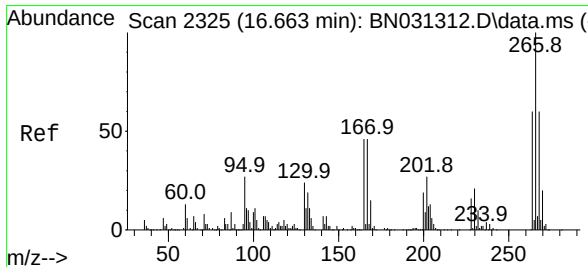
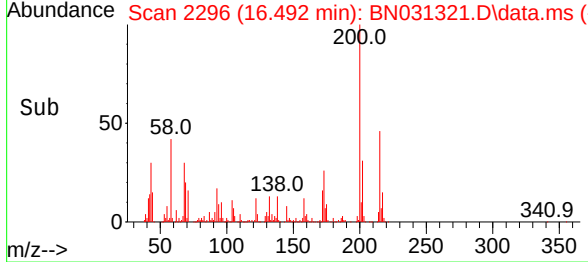
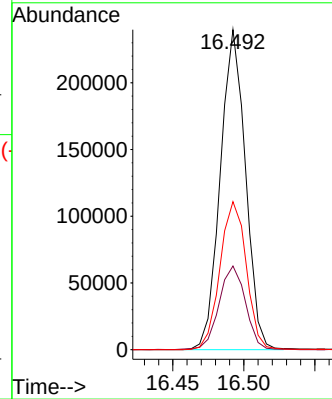
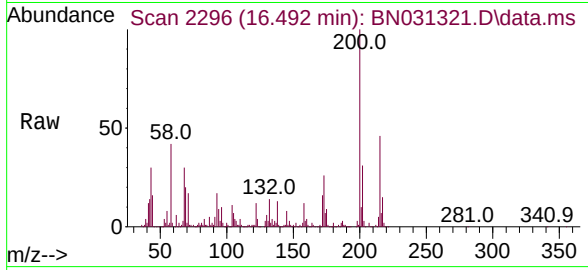




#70
 Atrazine
 Concen: 19.124 ng/ul
 RT: 16.492 min Scan# 2296
 Delta R.T. 0.000 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

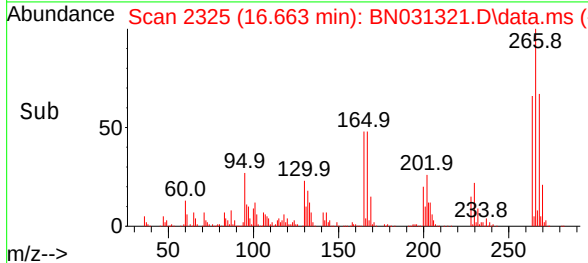
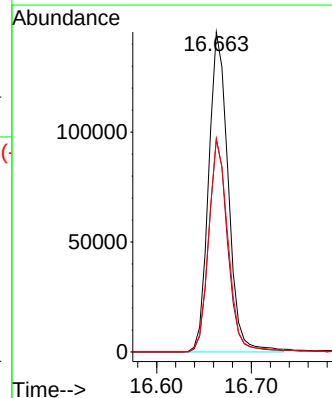
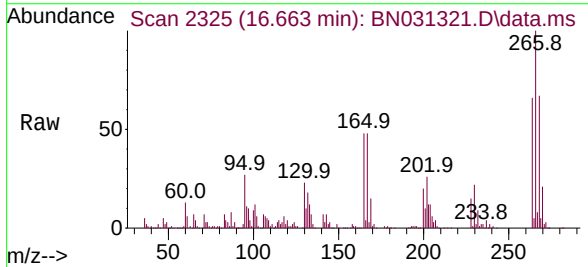
Instrument :
 BNA_N
 ClientSampleId :

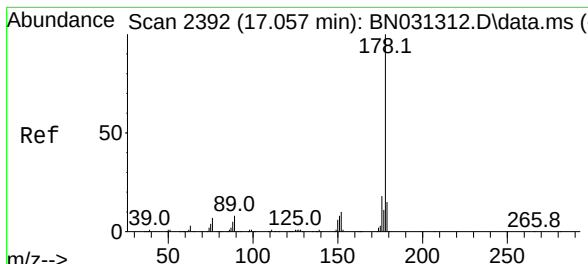
Tgt Ion:	200	Resp:	295195
Ion Ratio	Lower	Upper	
200	100		
173	26.1	23.0	34.6
215	46.2	40.7	61.1



#71
 Pentachlorophenol
 Concen: 17.827 ng/ul
 RT: 16.663 min Scan# 2325
 Delta R.T. 0.000 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

Tgt Ion:	266	Resp:	208261
Ion Ratio	Lower	Upper	
266	100		
264	66.5	48.6	73.0
268	66.6	55.5	83.3

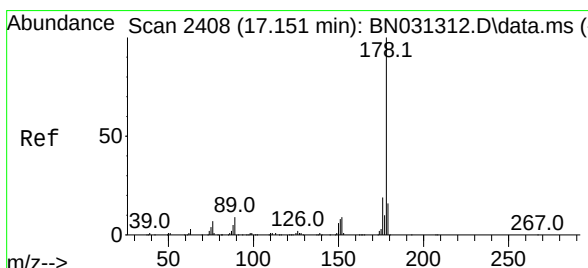
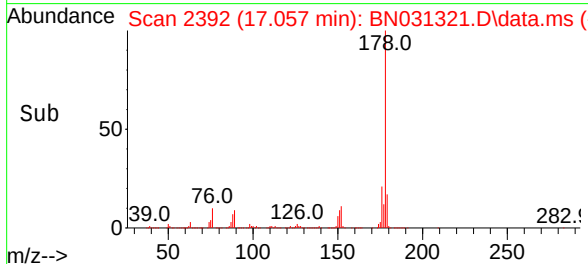
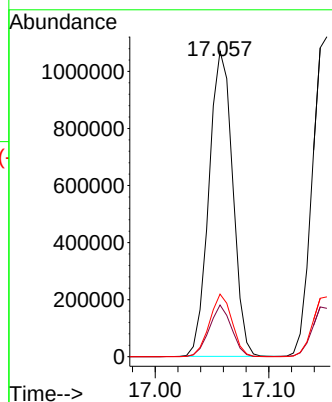
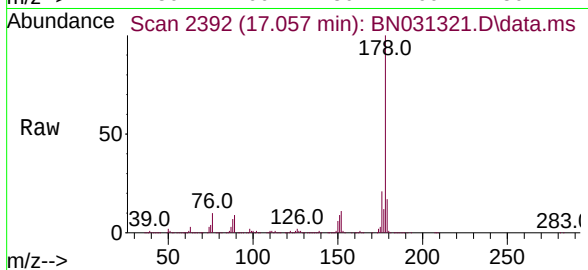




#72
Phenanthrene
Concen: 17.596 ng/ul
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

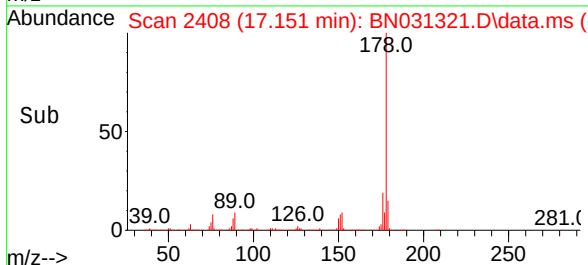
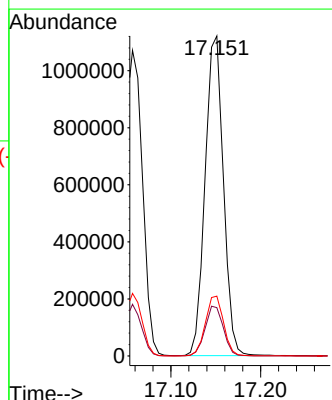
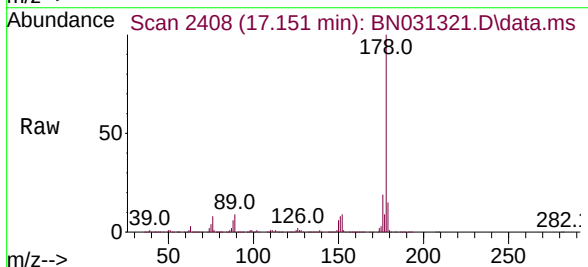
Instrument :
BNA_N
ClientSampleId :

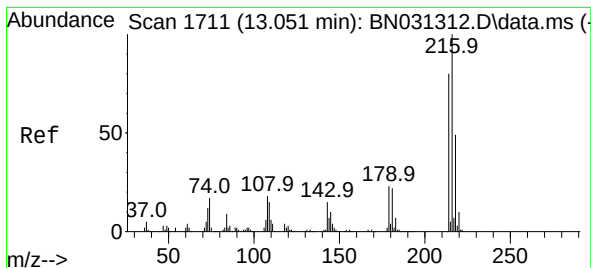
Tgt Ion:178 Resp: 1557426
Ion Ratio Lower Upper
178 100
179 16.9 12.4 18.6
176 20.5 15.6 23.4



#74
Anthracene
Concen: 17.937 ng/ul
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:178 Resp: 1587694
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 18.7 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 17.682 ng/uL

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

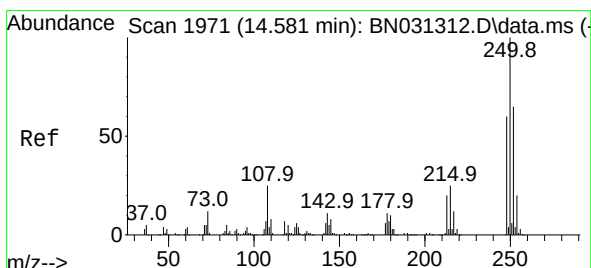
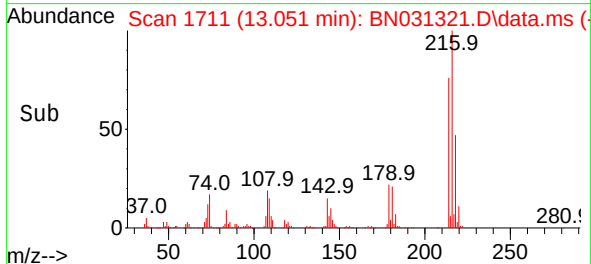
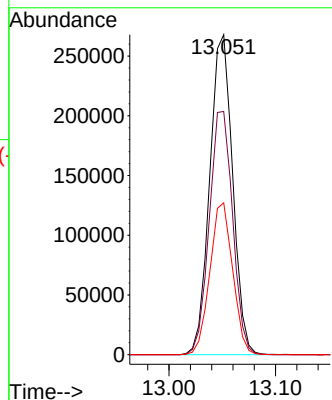
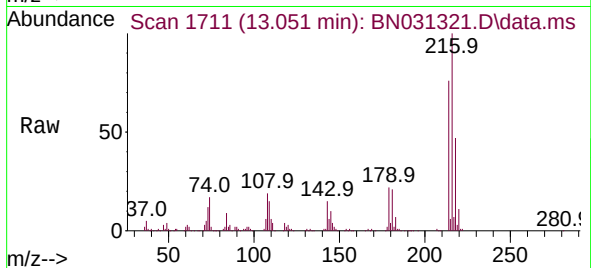
Tgt Ion:216 Resp: 400567

Ion Ratio Lower Upper

216 100

214 76.0 61.7 92.5

218 47.4 39.4 59.0



#76

Pentachlorobenzene

Concen: 17.787 ng/uL

RT: 14.575 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

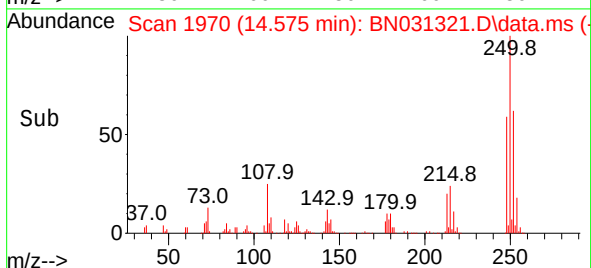
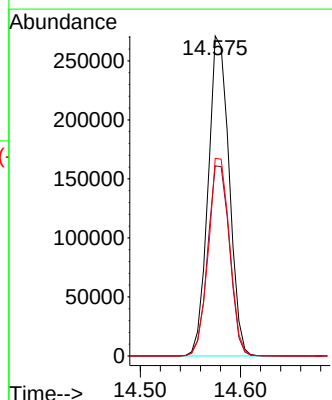
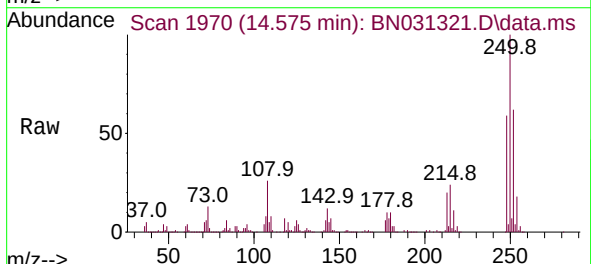
Tgt Ion:250 Resp: 395174

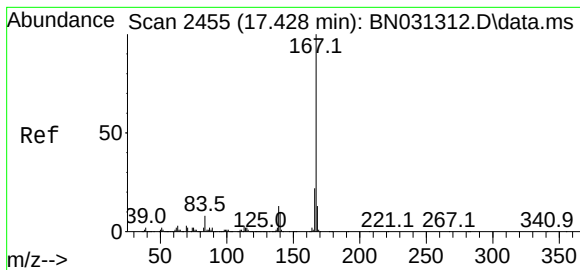
Ion Ratio Lower Upper

250 100

248 59.4 51.0 76.6

252 61.7 48.2 72.2

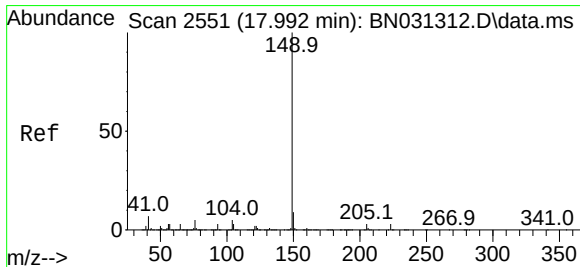
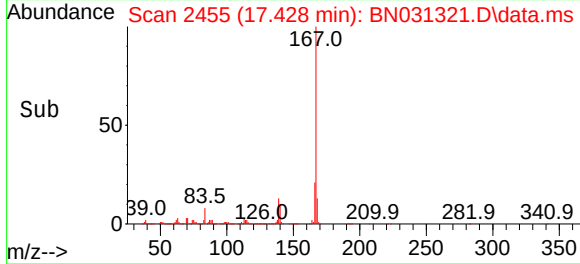
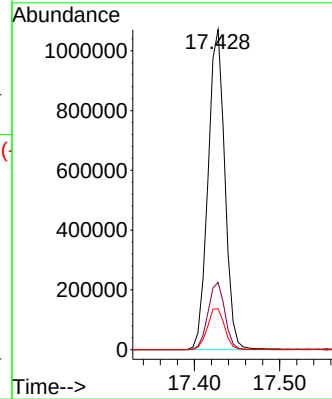
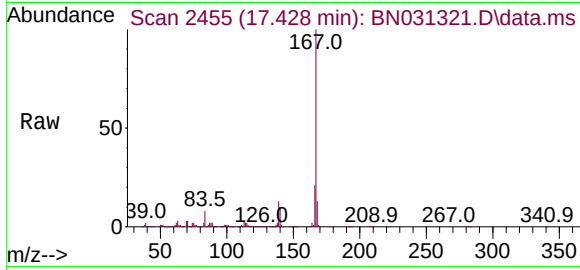




#77
 Carbazole
 Concen: 18.955 ng/ul
 RT: 17.428 min Scan# 2455
 Delta R.T. 0.000 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

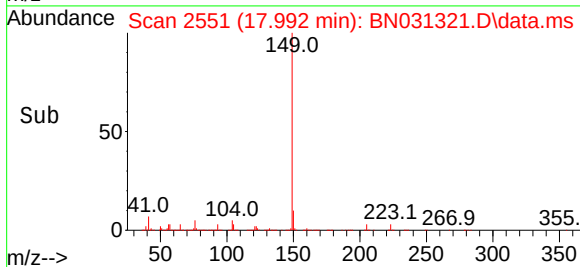
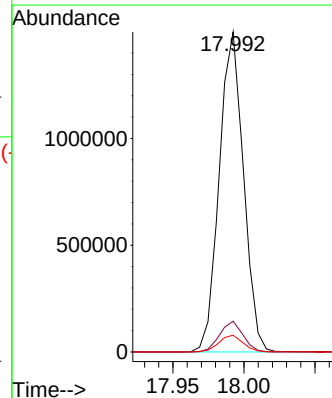
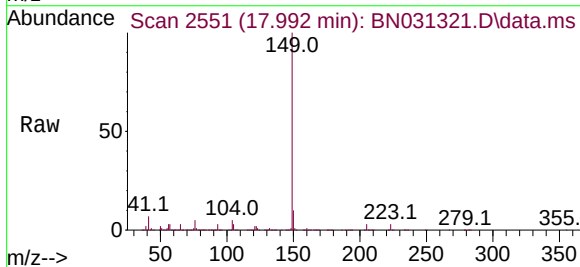
Instrument :
 BNA_N
 ClientSampleId :

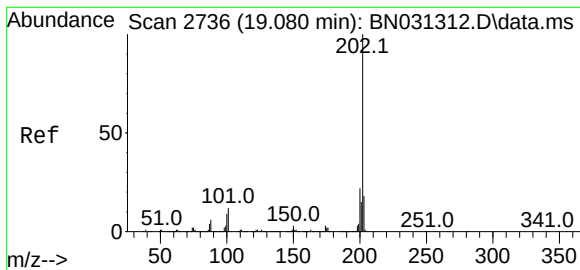
Tgt Ion:167 Resp: 1465414
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.7 25.1
 139 12.8 10.4 15.6



#78
 Di-n-butylphthalate
 Concen: 17.745 ng/ul
 RT: 17.992 min Scan# 2551
 Delta R.T. 0.000 min
 Lab File: BN031321.D
 Acq: 30 Apr 2024 15:18

Tgt Ion:149 Resp: 1777825
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.2 4.0 6.0

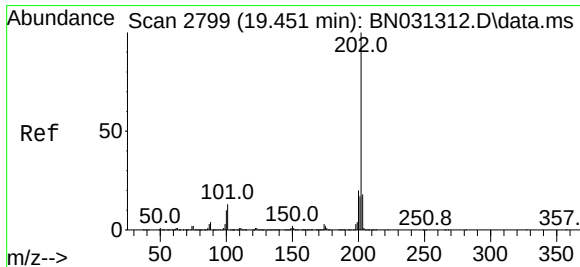
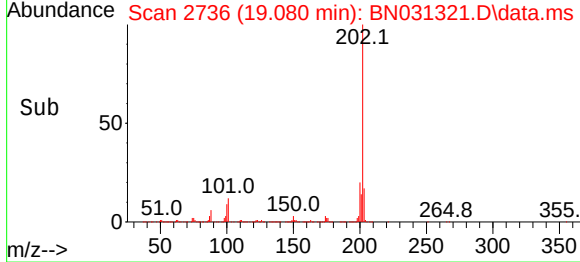
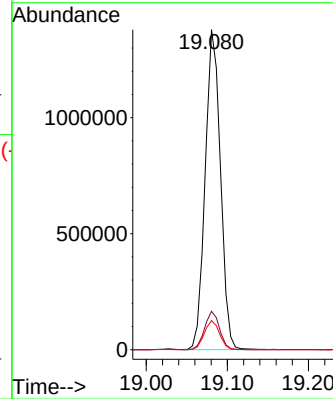
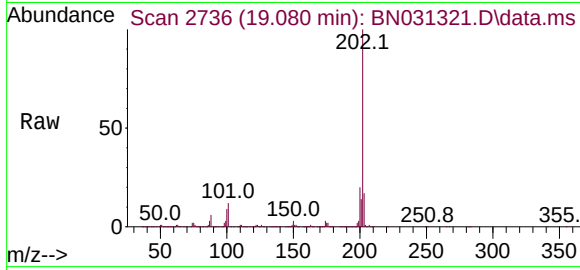




#80
Fluoranthene
Concen: 17.864 ng/ul
RT: 19.080 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

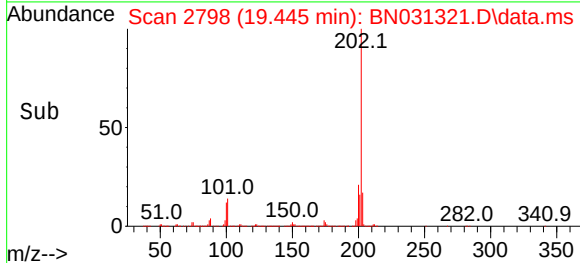
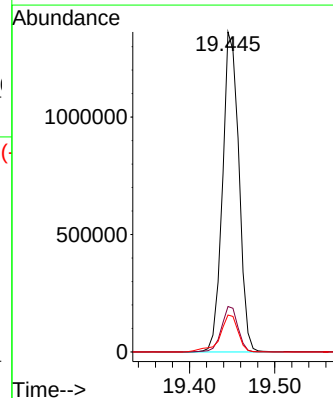
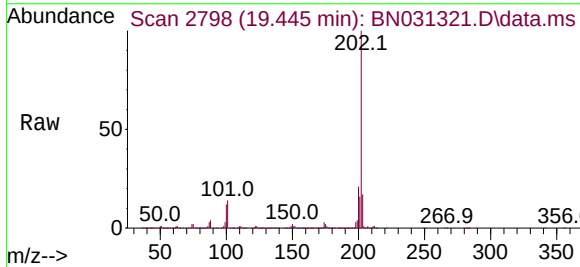
Instrument :
BNA_N
ClientSampleId :

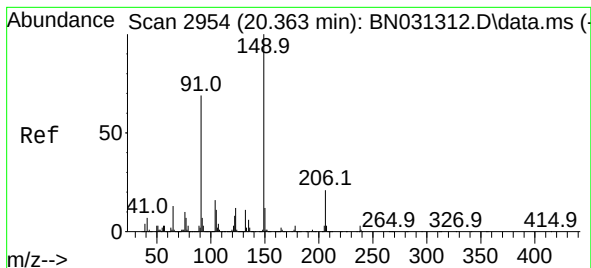
Tgt Ion:202 Resp: 1801757
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.6
100 9.1 6.7 10.1



#82
Pyrene
Concen: 17.691 ng/ul
RT: 19.445 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BN031321.D
Acq: 30 Apr 2024 15:18

Tgt Ion:202 Resp: 1820243
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.6
100 11.6 9.2 13.8





#83

Butylbenzylphthalate

Concen: 17.856 ng/ul

RT: 20.363 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

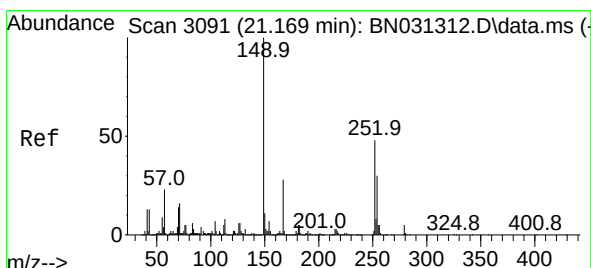
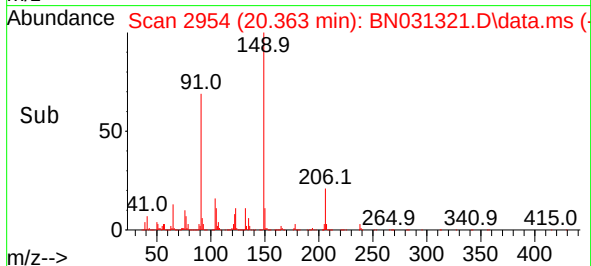
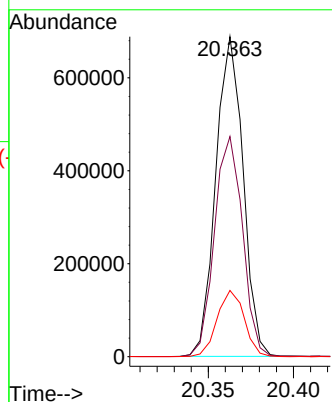
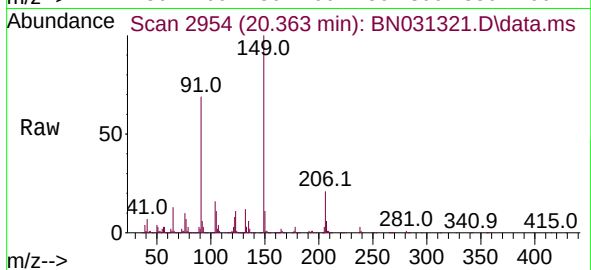
Tgt Ion:149 Resp: 767560

Ion Ratio Lower Upper

149 100

91 68.8 56.8 85.2

206 20.7 15.7 23.5



#84

3,3'-Dichlorobenzidine

Concen: 17.298 ng/ul

RT: 21.174 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

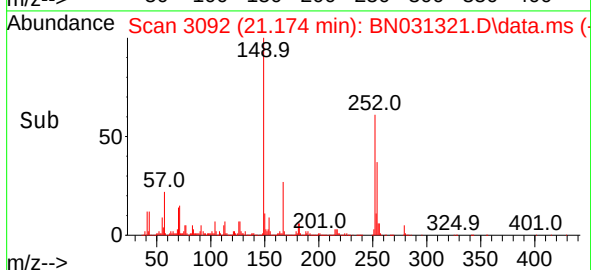
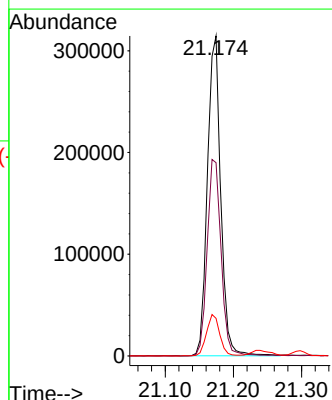
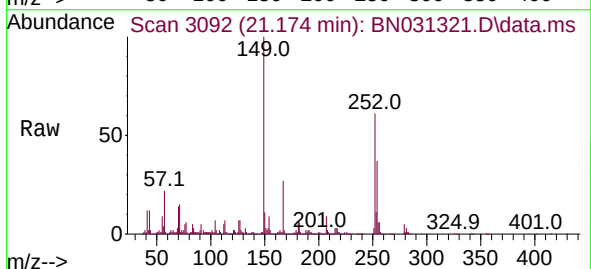
Tgt Ion:252 Resp: 427580

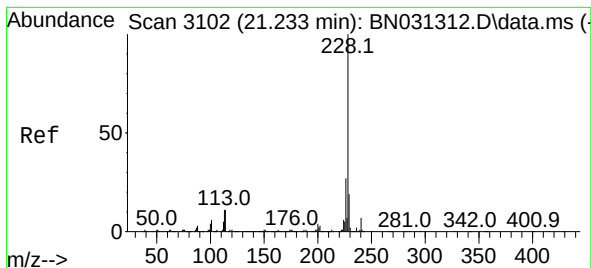
Ion Ratio Lower Upper

252 100

254 60.4 51.7 77.5

126 11.8 9.9 14.9





#85

Benzo(a)anthracene

Concen: 18.258 ng/ul

RT: 21.239 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

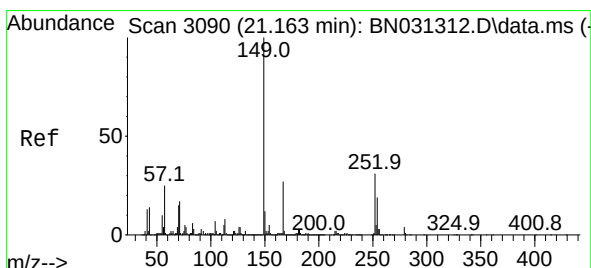
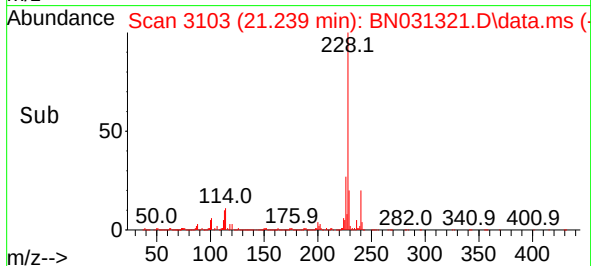
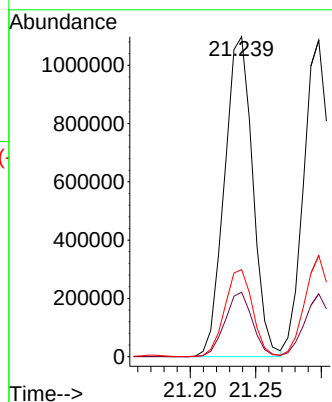
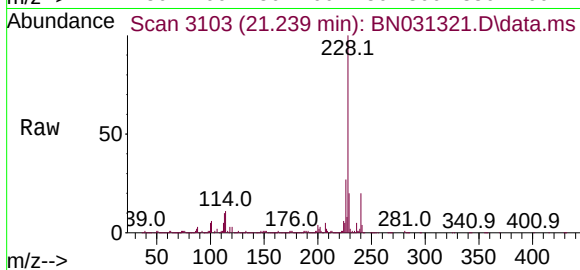
Tgt Ion:228 Resp: 1646063

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 27.2 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.886 ng/ul

RT: 21.169 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

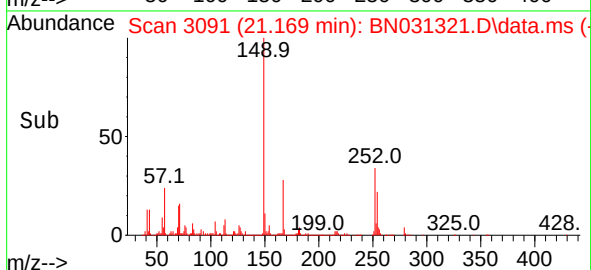
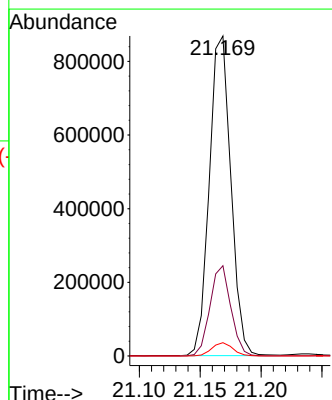
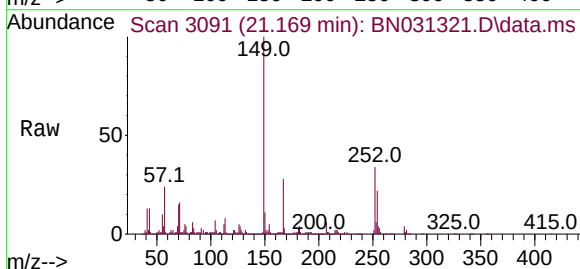
Tgt Ion:149 Resp: 1068120

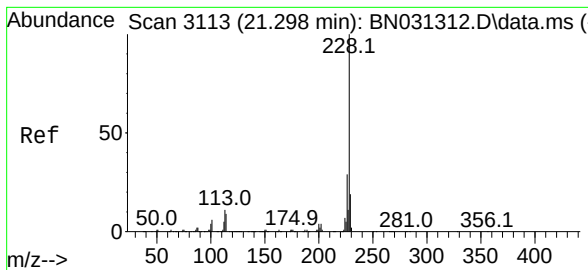
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 4.2 3.4 5.0





#87

Chrysene

Concen: 18.107 ng/ul

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

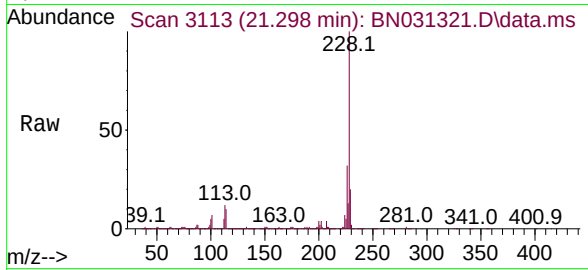
Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :



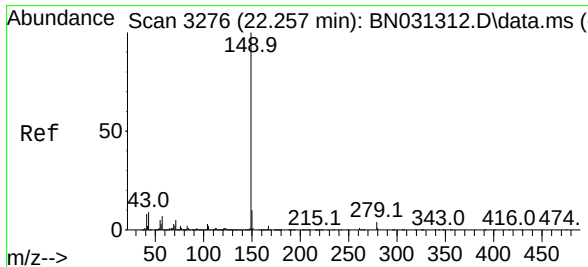
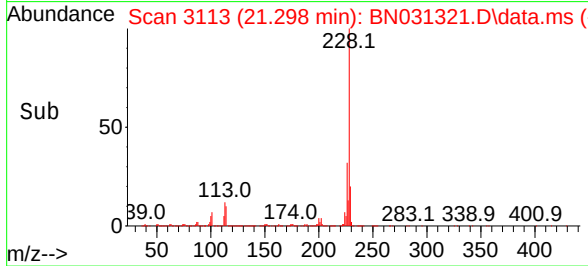
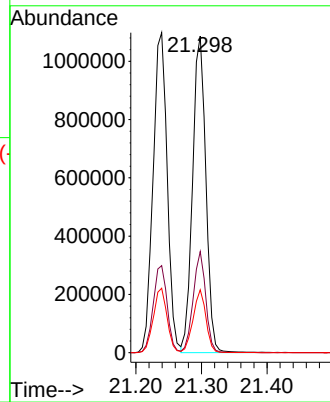
Tgt Ion:228 Resp: 1529579

Ion Ratio Lower Upper

228 100

226 32.0 24.5 36.7

229 19.8 16.7 25.1



#89

Di-n-octyl phthalate

Concen: 17.280 ng/ul

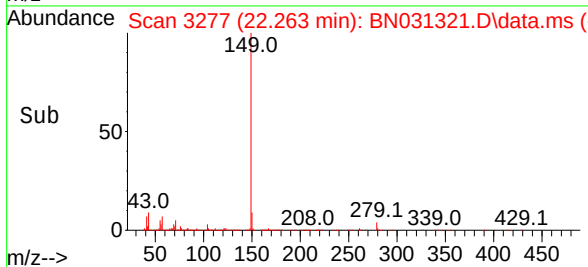
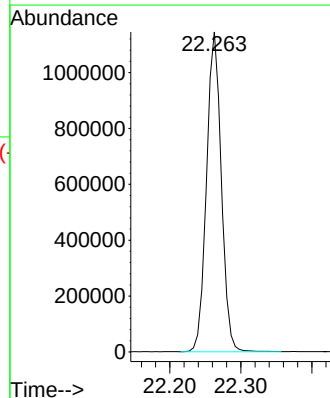
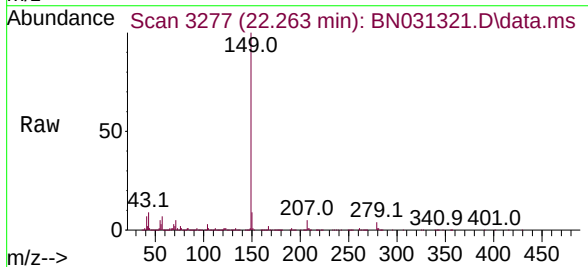
RT: 22.263 min Scan# 3277

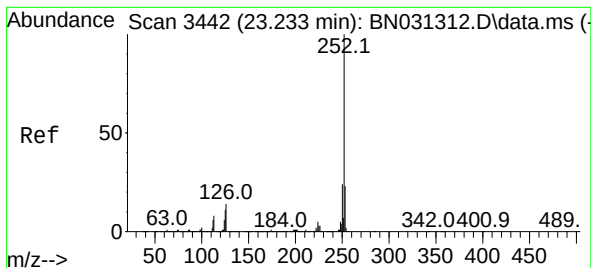
Delta R.T. 0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Tgt Ion:149 Resp: 1656251





#90

Benzo(b)fluoranthene

Concen: 18.107 ng/ul

RT: 23.227 min Scan# 3442

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

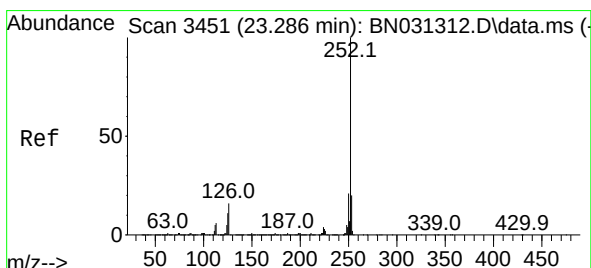
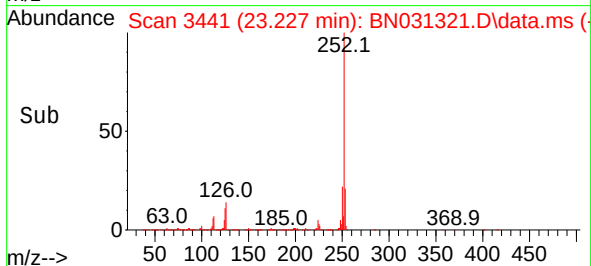
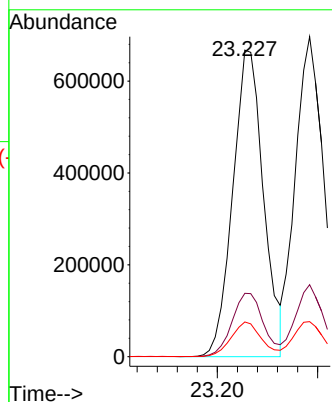
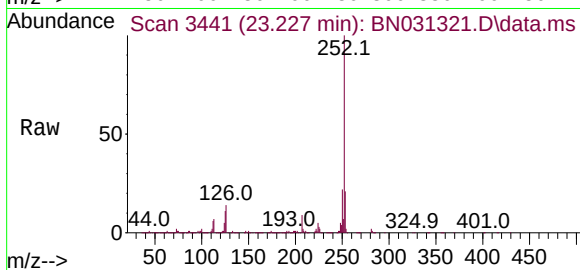
Tgt Ion:252 Resp: 1419521

Ion Ratio Lower Upper

252 100

253 20.6 15.7 23.5

125 11.3 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 17.710 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. 0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

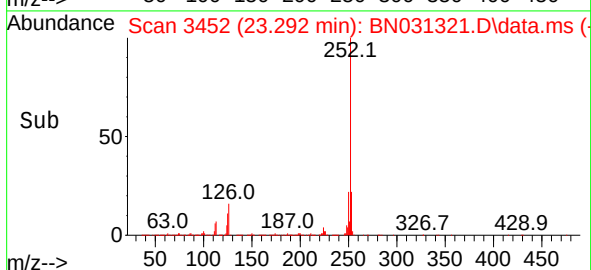
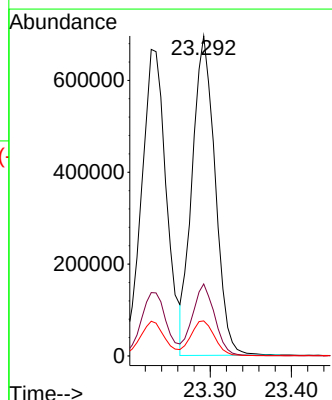
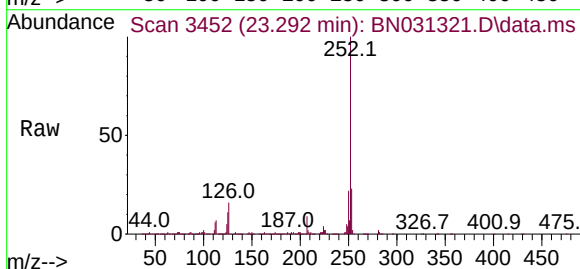
Tgt Ion:252 Resp: 1365368

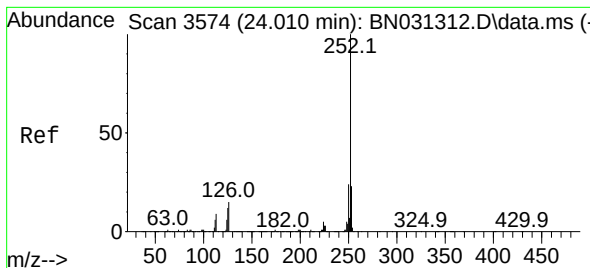
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.0 8.7 13.1





#93

Benzo(a)pyrene

Concen: 18.224 ng/ul

RT: 24.010 min Scan# 3574

Delta R.T. 0.000 min

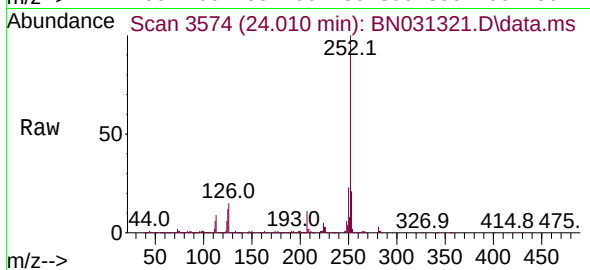
Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :



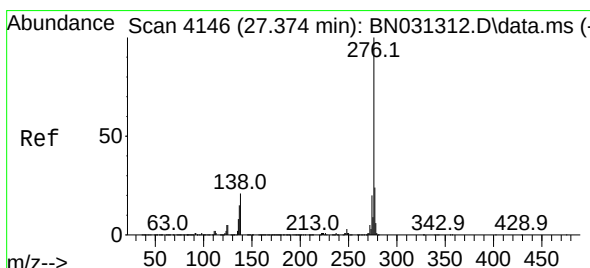
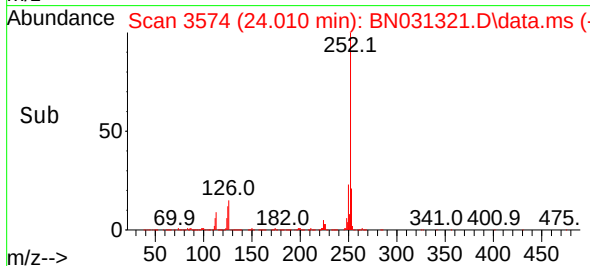
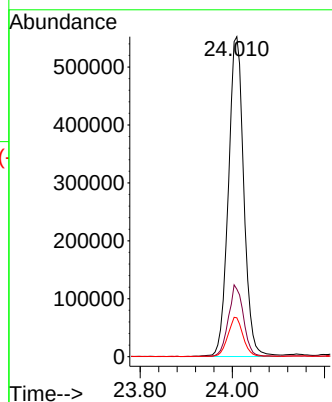
Tgt Ion:252 Resp: 1277789

Ion Ratio Lower Upper

252 100

253 21.1 17.7 26.5

125 12.1 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.183 ng/ul

RT: 27.380 min Scan# 4147

Delta R.T. 0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

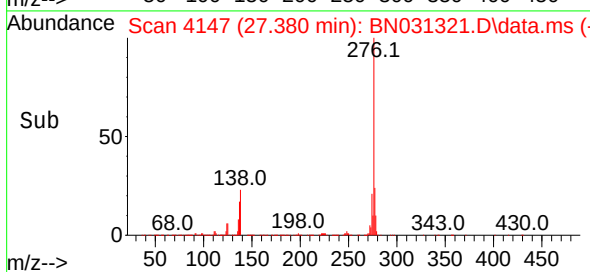
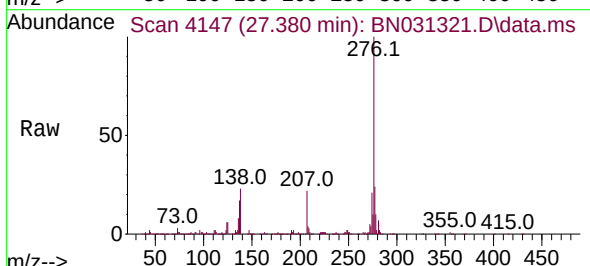
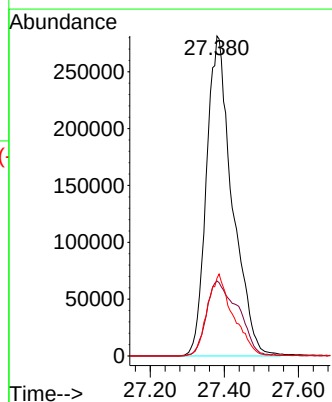
Tgt Ion:276 Resp: 1365157

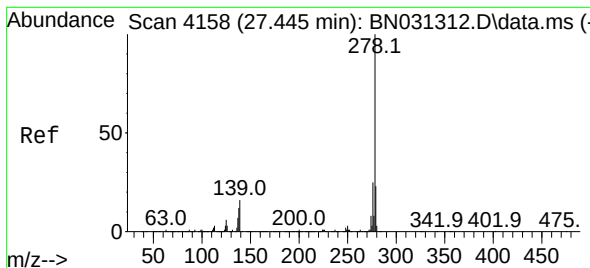
Ion Ratio Lower Upper

276 100

138 23.4 18.1 27.1

277 24.3 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 17.767 ng/ul

RT: 27.439 min Scan# 4158

Delta R.T. -0.006 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Instrument :

BNA_N

ClientSampleId :

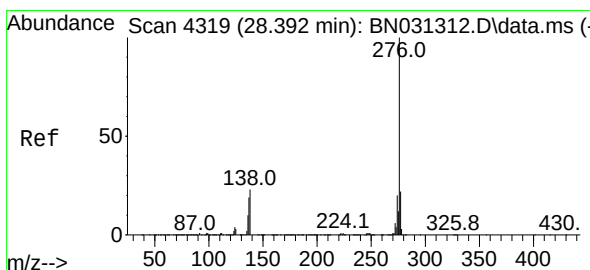
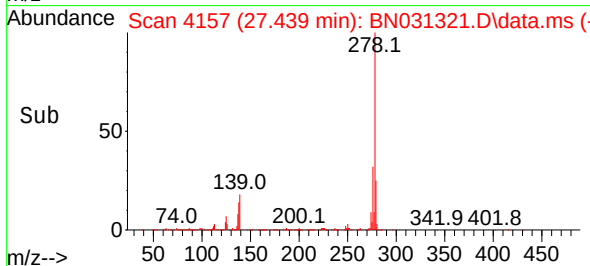
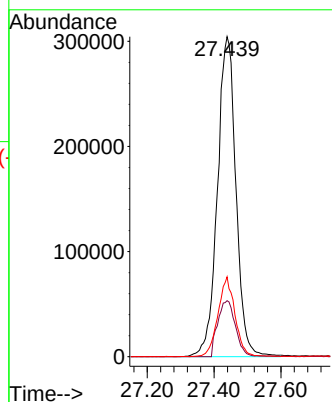
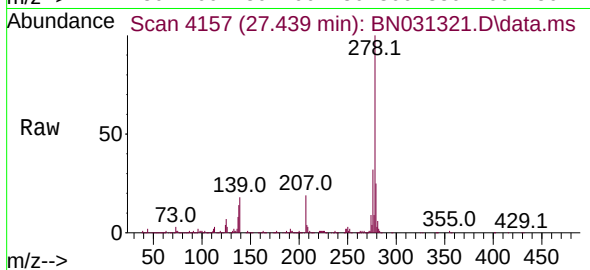
Tgt Ion:278 Resp: 1172553

Ion Ratio Lower Upper

278 100

139 17.5 13.9 20.9

279 25.0 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 17.290 ng/ul

RT: 28.392 min Scan# 4319

Delta R.T. 0.000 min

Lab File: BN031321.D

Acq: 30 Apr 2024 15:18

Tgt Ion:276 Resp: 1107978

Ion Ratio Lower Upper

276 100

138 23.8 18.8 28.2

277 24.4 18.0 27.0

