

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031120.D
 Acq On : 22 Apr 2024 13:34
 Operator : MA/JU
 Sample : P2170-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZZZ9MS

Quant Time: Apr 22 23:26:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	115679	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	540485	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	360921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	819876	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	929231	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1124047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	6119	2.471	ng/uL	0.00
4) Pyridine-d5	3.558	84	191	0.027	ng/u1	0.00
7) Phenol-d5	6.811	99	133	0.014	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	62516	11.011	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	591	0.078	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	1028	0.125	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	32222	8.297	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	26284	6.511	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	520	0.065	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	2849	0.229	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	285711	11.376	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1498	0.053	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	4405	0.840	ng/u1	0.00
60) Fluorene-d10	15.275	176	16153	0.739	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	29338	7.093	ng/u1	0.00
73) Anthracene-d10	17.028	188	819876	23.071	ng/u1	-0.11
81) Pyrene-d10	19.428	212	2903	0.064	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	979	0.018	ng/u1	-0.02
Target Compounds						
2) 1,4-Dioxane	3.175	88	9367	3.570	ng/uL#	94
6) Benzaldehyde	6.787	77	54619	11.399	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	88791	11.185	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.152	45	122147	11.802	ng/u1	97
16) Acetophenone	8.452	105	146326	11.508	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	65669	10.361	ng/u1	100
22) Nitrobenzene	8.828	77	78227	8.535	ng/u1	97
23) Isophorone	9.352	82	189765	10.146	ng/u1	99
25) 2-Nitrophenol	9.534	139	31379	7.026	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.834	93	121613	10.704	ng/u1	98
32) 4-Chloroaniline	10.587	127	29550	2.445	ng/u1	99
34) Caprolactam	11.346	113	26325	8.403	ng/u1	92
43) 1,1'-Biphenyl	13.104	154	36046	1.452	ng/u1	95
45) 2-Nitroaniline	13.363	65	16873	3.081	ng/u1	95
47) Dimethylphthalate	13.740	163	333816	12.883	ng/u1	99
48) 2,6-Dinitrotoluene	13.863	165	47722	9.812	ng/u1	93
51) 3-Nitroaniline	14.198	138	24492	4.386	ng/u1#	96
53) 2,4-Dinitrophenol	14.404	184	14844	5.397	ng/u1	97
57) 2,4-Dinitrotoluene	14.651	165	75798	10.256	ng/u1	95
59) Diethylphthalate	15.110	149	306888	11.517	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.334	204	29250	2.449	ng/u1	96
63) 4-Nitroaniline	15.363	138	40487	6.725	ng/u1	91
66) 4,6-Dinitro-2-methylph...	15.416	198	37226	8.381	ng/u1#	95
67) N-Nitrosodiphenylamine	15.545	169	71484	3.253	ng/u1	96

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

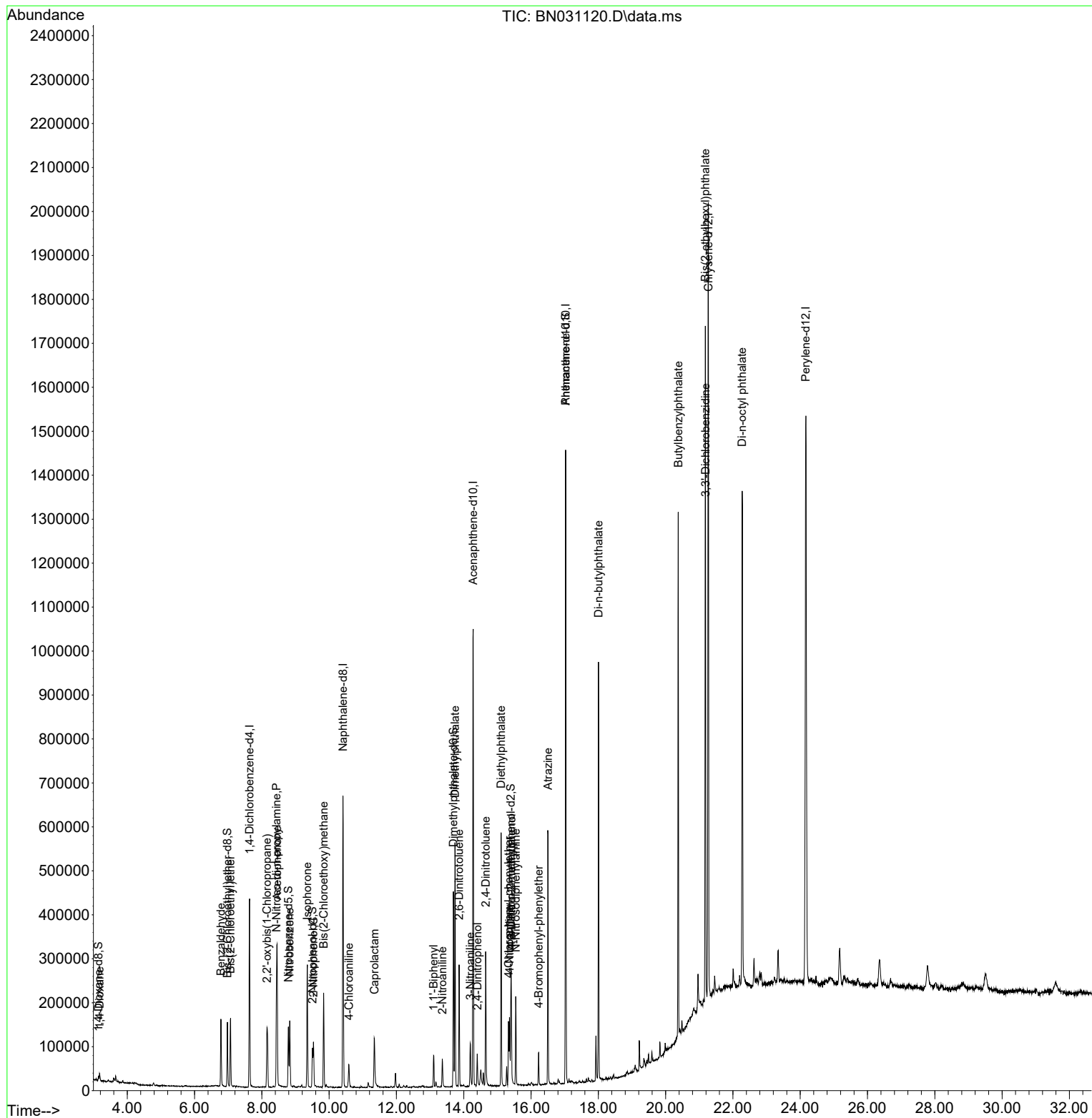
68) 4-Bromophenyl-phenylether	16.228	248	12925	1.667	ng/ul	88
70) Atrazine	16.504	200	95555	12.385	ng/ul	96
78) Di-n-butylphthalate	18.004	149	642674	13.153	ng/ul	100
83) Butylbenzylphthalate	20.375	149	341196	13.618	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	47712	2.464	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	521463	13.862	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	945374	14.591	ng/ul	100

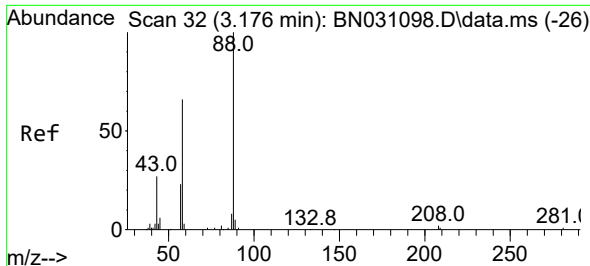
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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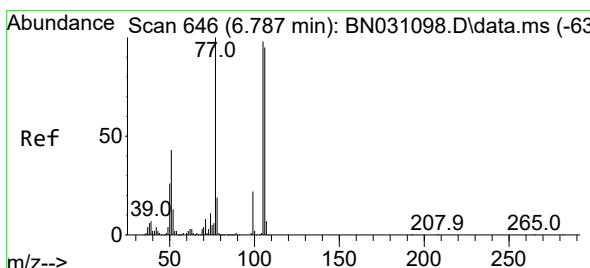
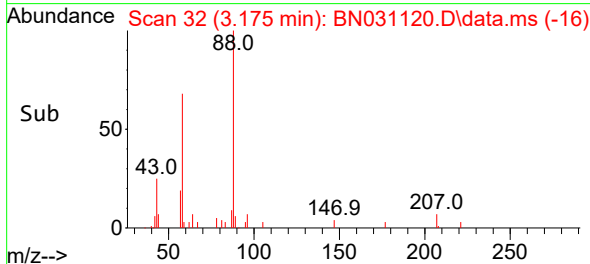
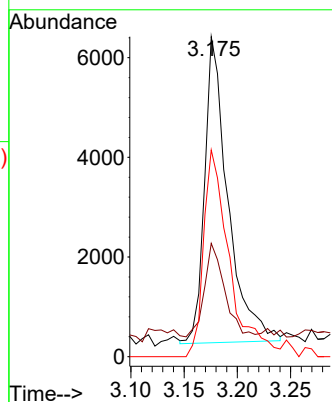
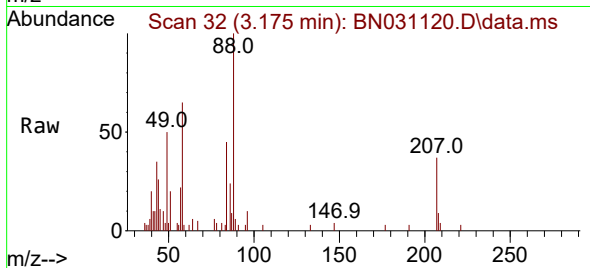




#2
1,4-Dioxane
Concen: 3.570 ng/uL
RT: 3.175 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

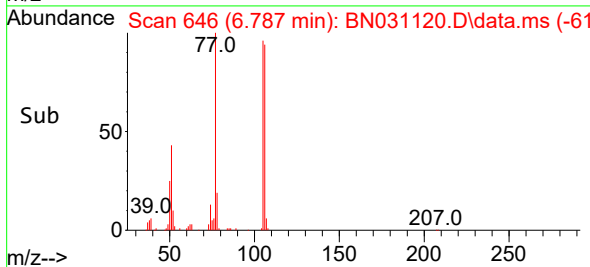
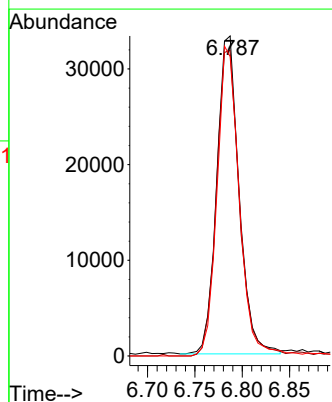
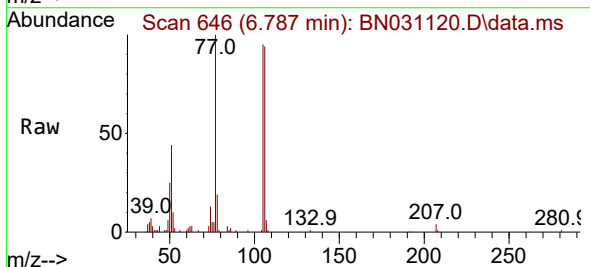
Instrument :
BNA_N
ClientSampleId :
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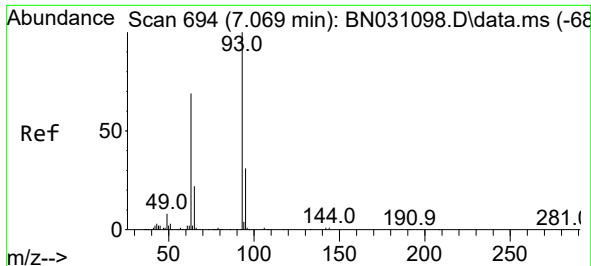
Tgt Ion: 88 Resp: 9367
Ion Ratio Lower Upper
88 100
43 35.4 22.2 33.2#
58 64.6 50.2 75.2



#6
Benzaldehyde
Concen: 11.399 ng/uL
RT: 6.787 min Scan# 646
Delta R.T. 0.000 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion: 77 Resp: 54619
Ion Ratio Lower Upper
77 100
105 95.5 80.0 120.0
106 93.6 75.0 112.6

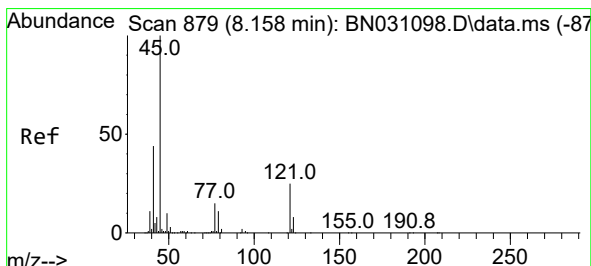
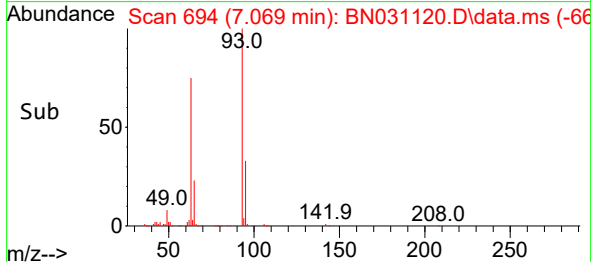
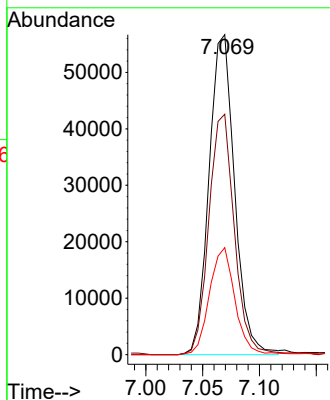
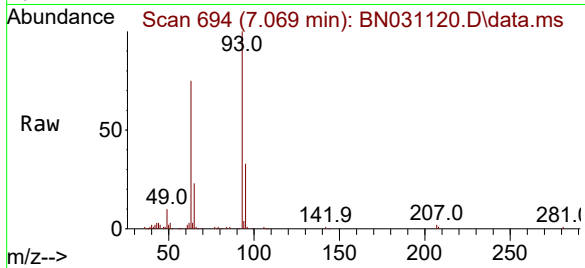




#10
Bis(2-Chloroethyl)ether
Concen: 11.185 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. 0.000 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

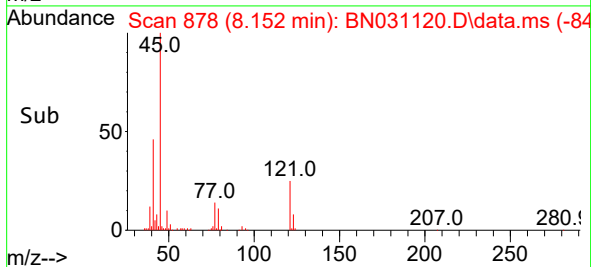
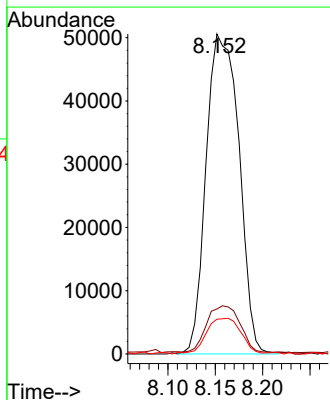
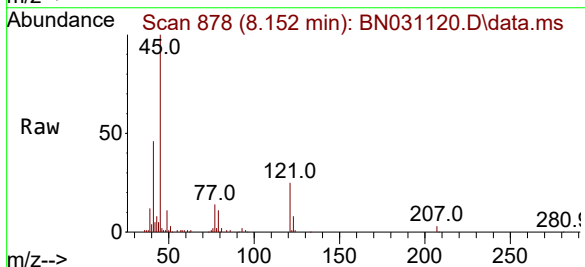
Instrument :
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ClientSampleId :
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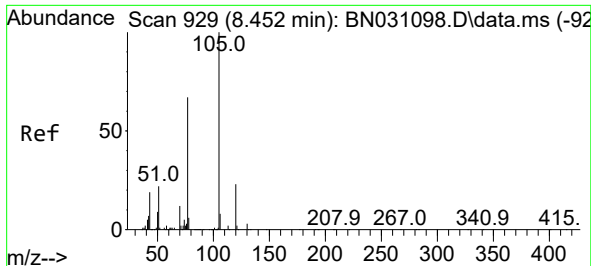
Tgt Ion: 93 Resp: 88791
Ion Ratio Lower Upper
93 100
63 75.2 57.1 85.7
95 33.5 24.9 37.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 11.802 ng/ul
RT: 8.152 min Scan# 878
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion: 45 Resp: 122147
Ion Ratio Lower Upper
45 100
77 14.0 12.5 18.7
79 10.9 9.6 14.4

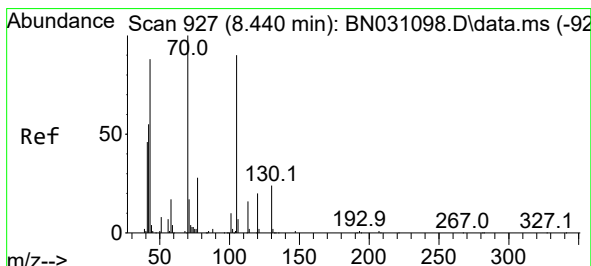
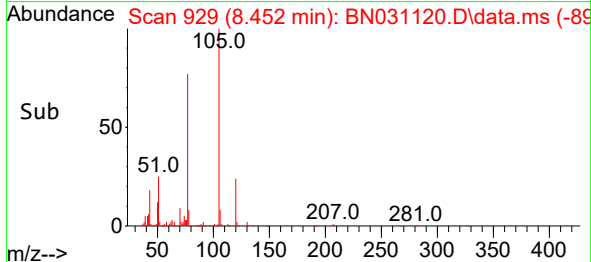
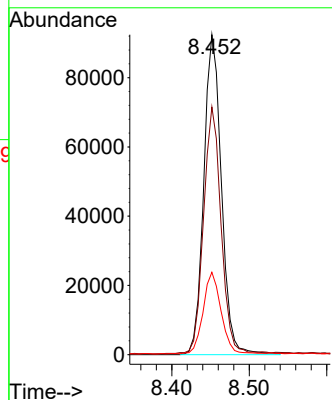
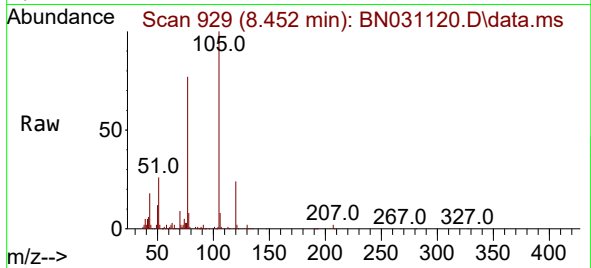




#16
Acetophenone
Concen: 11.508 ng/ul
RT: 8.452 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

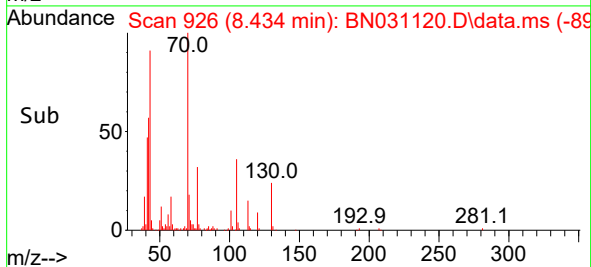
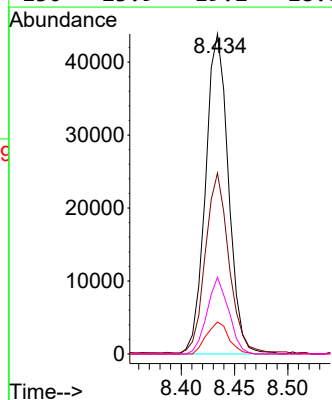
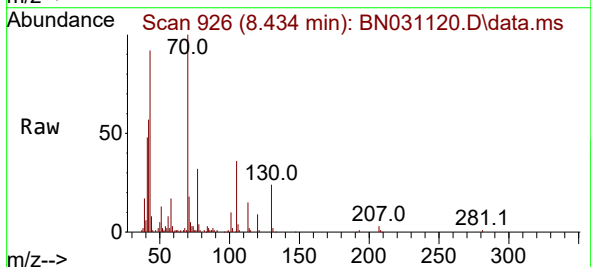
Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

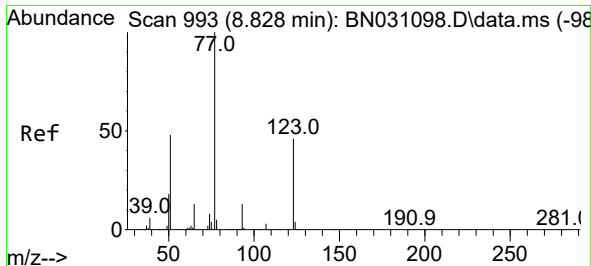
Tgt Ion:105 Resp: 146326
Ion Ratio Lower Upper
105 100
77 77.4 60.2 90.4
51 25.8 20.6 31.0



#17
N-Nitroso-di-n-propylamine
Concen: 10.361 ng/ul
RT: 8.434 min Scan# 926
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion: 70 Resp: 65669
Ion Ratio Lower Upper
70 100
42 56.6 45.0 67.6
101 10.0 8.1 12.1
130 23.9 19.2 28.8

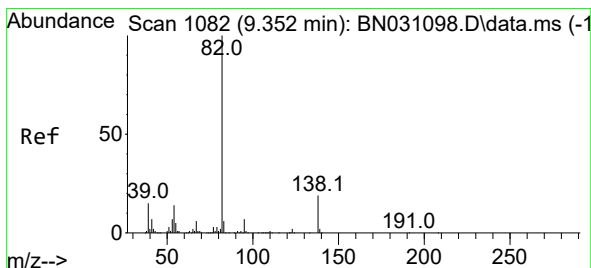
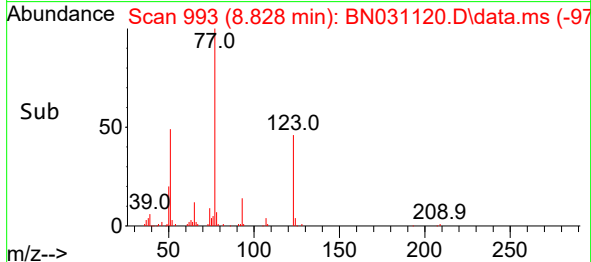
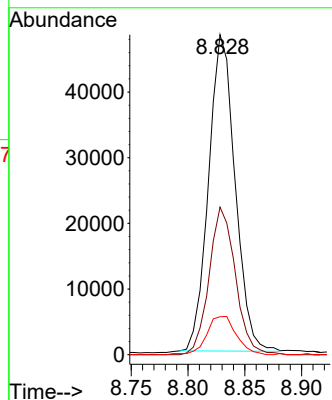
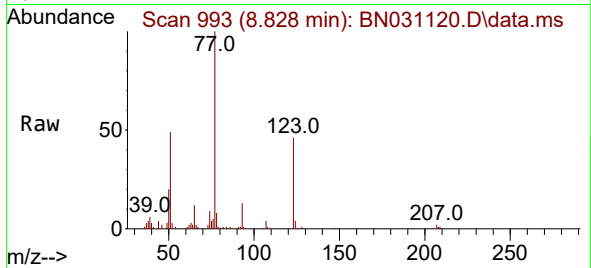




#22
Nitrobenzene
Concen: 8.535 ng/ul
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

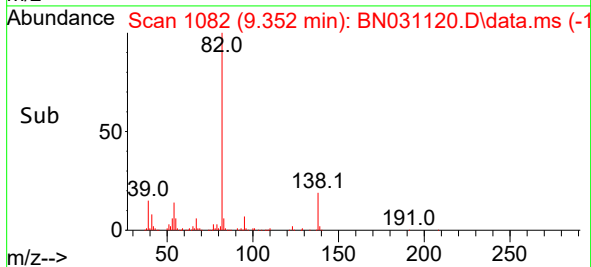
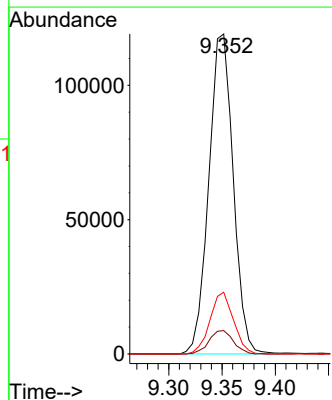
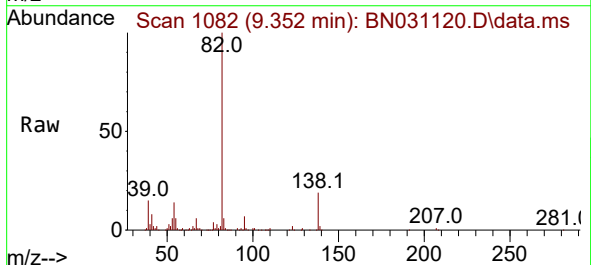
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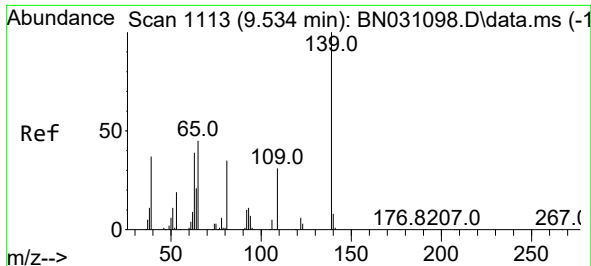
Tgt Ion: 77 Resp: 78227
Ion Ratio Lower Upper
77 100
123 46.1 38.2 57.2
65 11.8 10.7 16.1



#23
Isophorone
Concen: 10.146 ng/ul
RT: 9.352 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion: 82 Resp: 189765
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 19.3 14.7 22.1

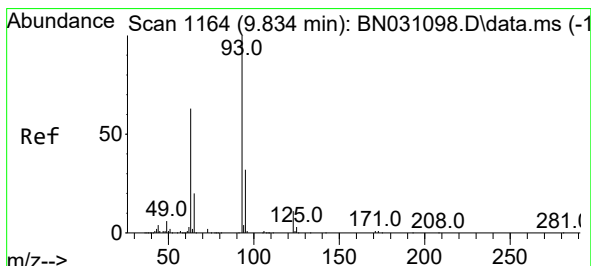
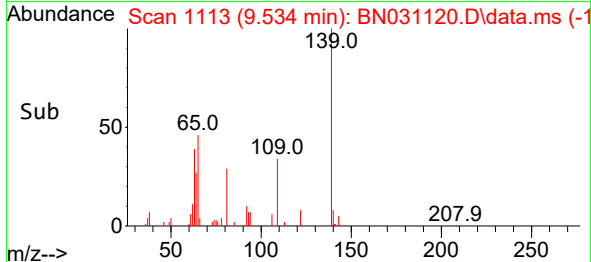
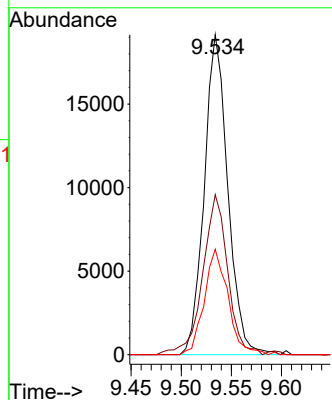
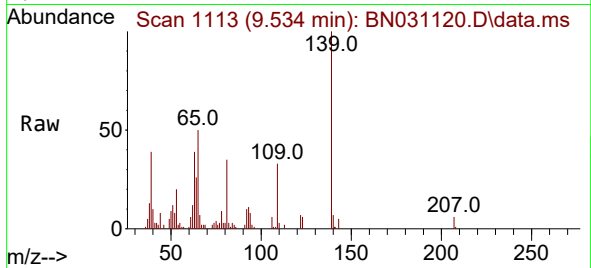




#25
2-Nitrophenol
Concen: 7.026 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

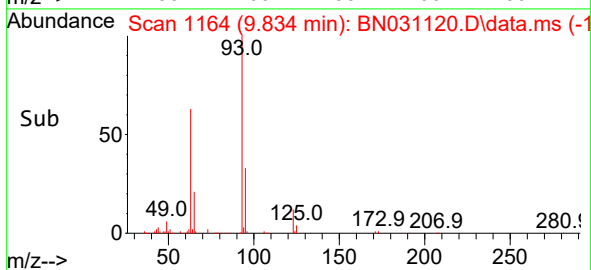
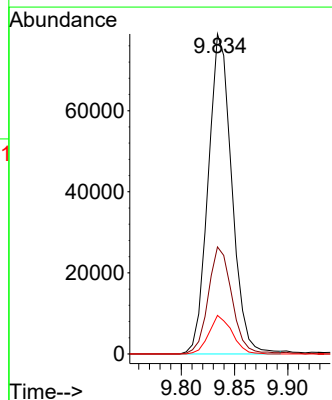
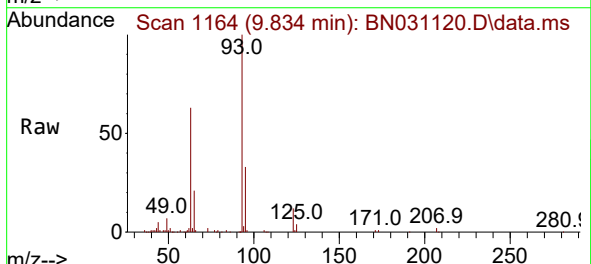
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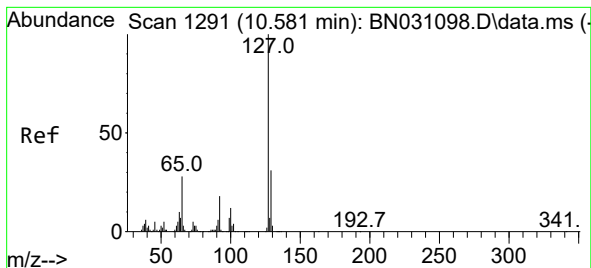
Tgt Ion:	139	Resp:	31379
Ion Ratio	Lower	Upper	
139	100		
65	50.0	35.2	52.8
109	32.9	25.4	38.0



#27
Bis(2-Chloroethoxy)methane
Concen: 10.704 ng/ul
RT: 9.834 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion:	93	Resp:	121613
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.8	38.6
123	12.1	9.8	14.6

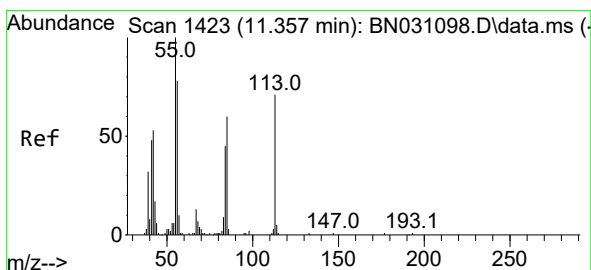
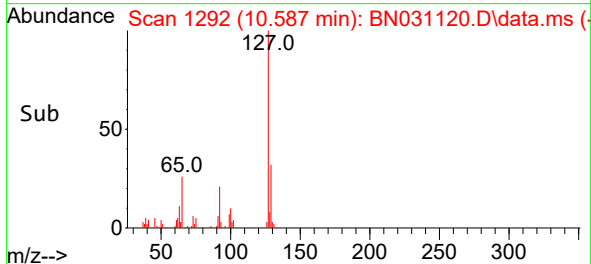
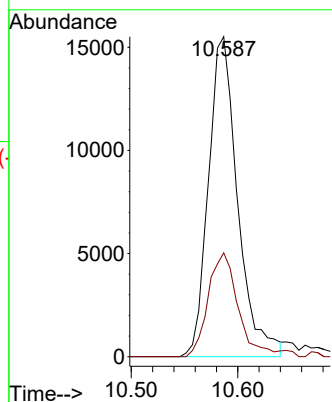
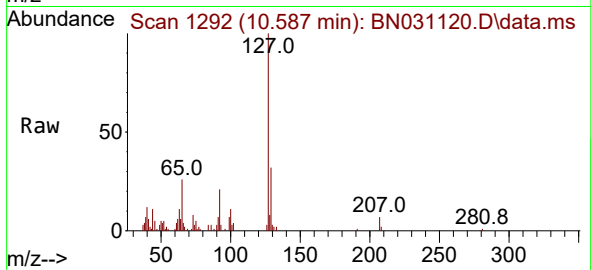




#32
4-Chloroaniline
Concen: 2.445 ng/ul
RT: 10.587 min Scan# 1291
Delta R.T. 0.000 min
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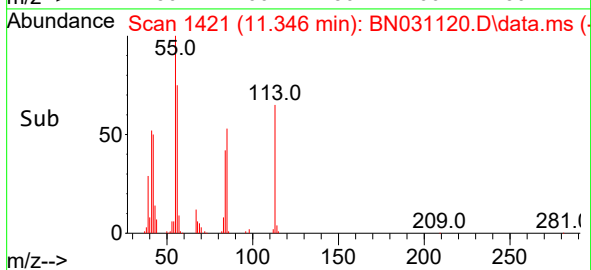
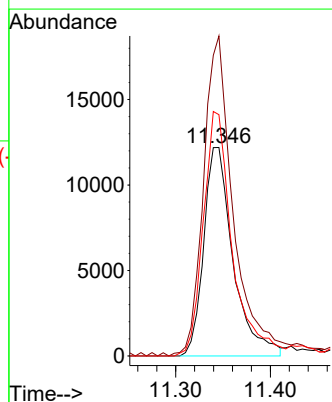
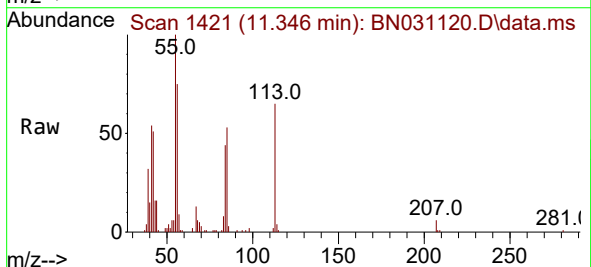
Instrument :
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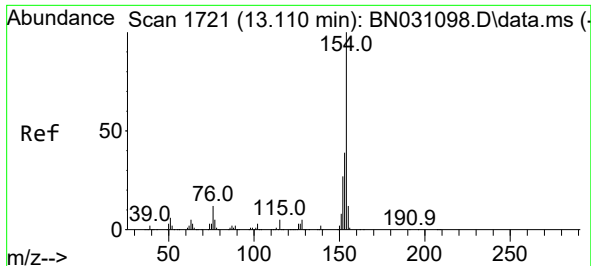
Tgt Ion:127 Resp: 29550
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2



#34
Caprolactam
Concen: 8.403 ng/ul
RT: 11.346 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion:113 Resp: 26325
Ion Ratio Lower Upper
113 100
55 153.5 112.4 168.6
56 115.7 88.0 132.0

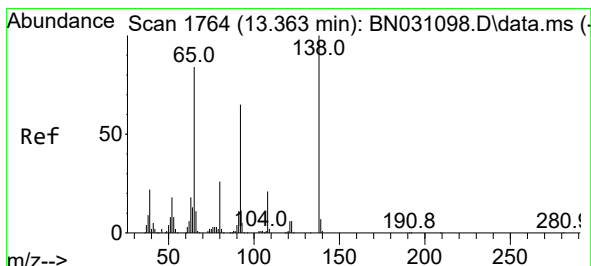
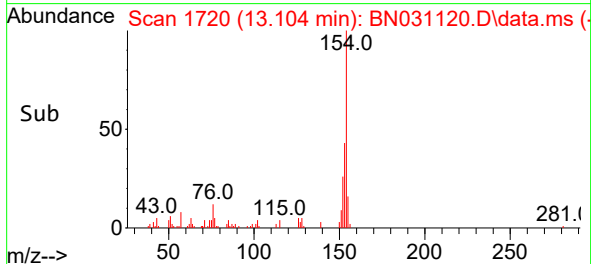
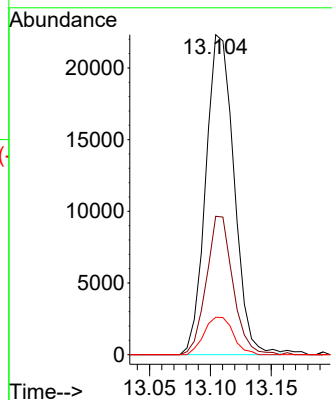
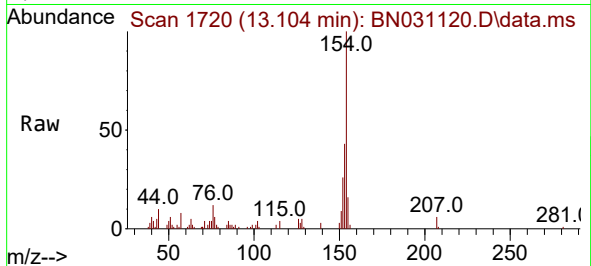




#43
1,1'-Biphenyl
Concen: 1.452 ng/ul
RT: 13.104 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

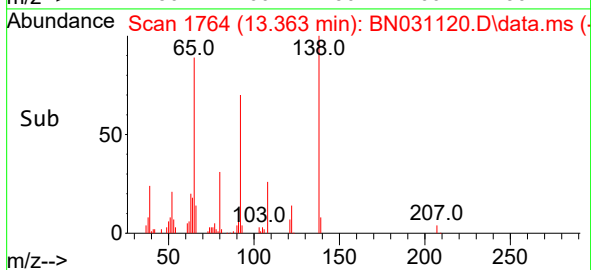
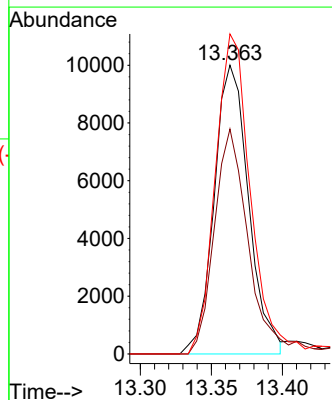
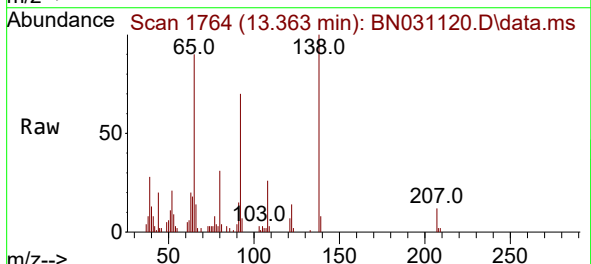
Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

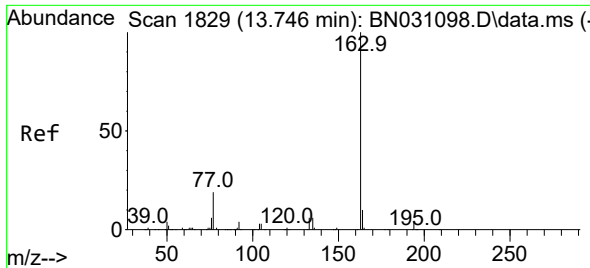
Tgt Ion:154 Resp: 36046
Ion Ratio Lower Upper
154 100
153 43.3 31.8 47.8
76 11.7 10.6 15.8



#45
2-Nitroaniline
Concen: 3.081 ng/ul
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion: 65 Resp: 16873
Ion Ratio Lower Upper
65 100
92 77.9 57.4 86.2
138 110.8 91.6 137.4

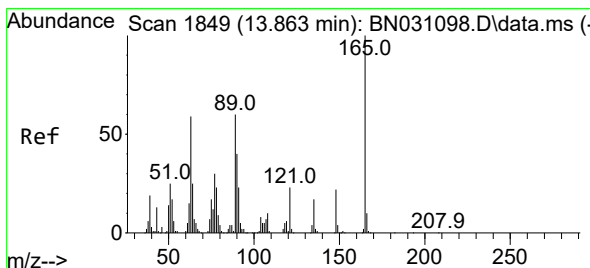
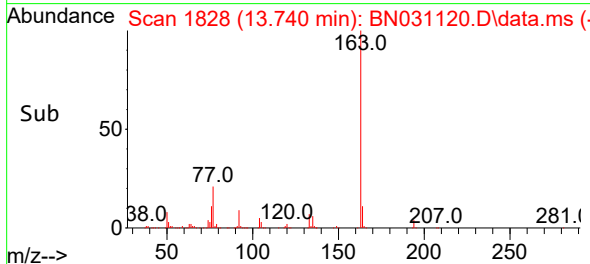
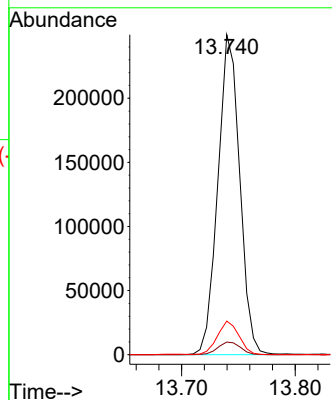
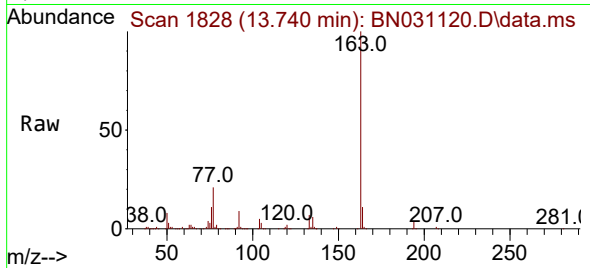




#47
Dimethylphthalate
Concen: 12.883 ng/ul
RT: 13.740 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

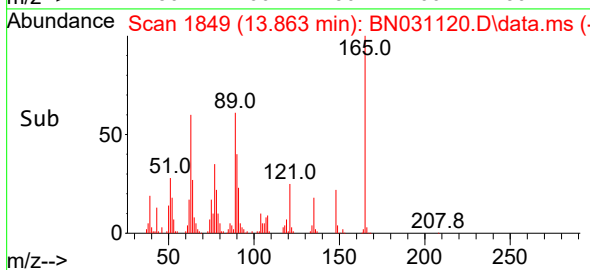
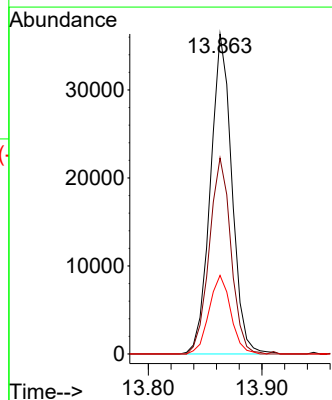
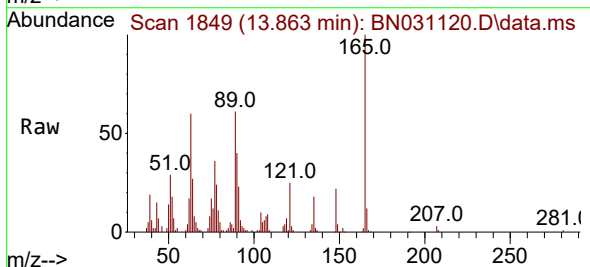
Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

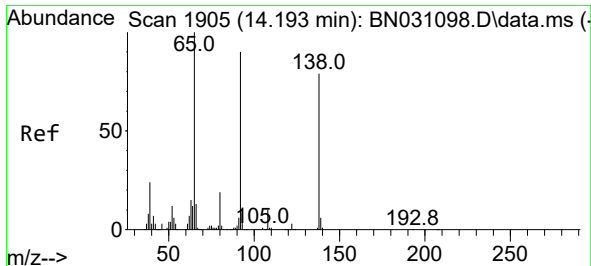
Tgt Ion:163 Resp: 333816
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 9.812 ng/ul
RT: 13.863 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion:165 Resp: 47722
Ion Ratio Lower Upper
165 100
89 61.3 44.7 67.1
121 24.6 17.0 25.4

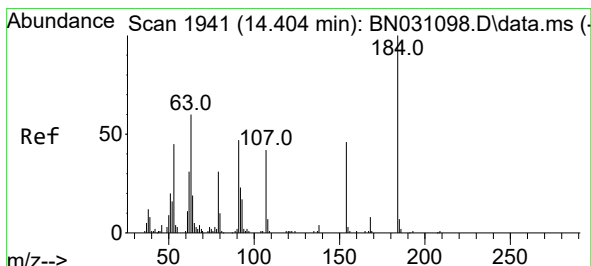
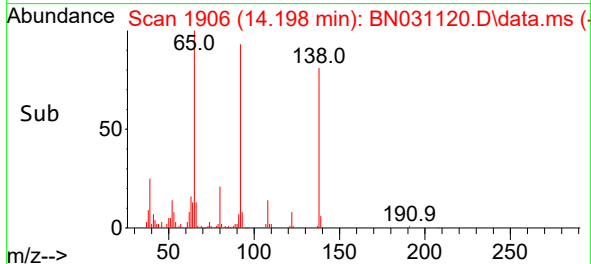
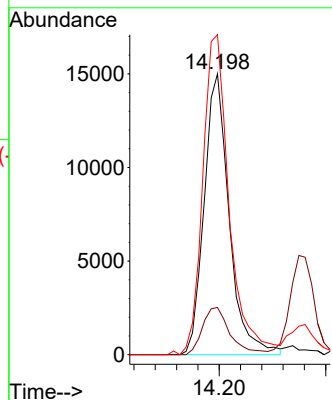
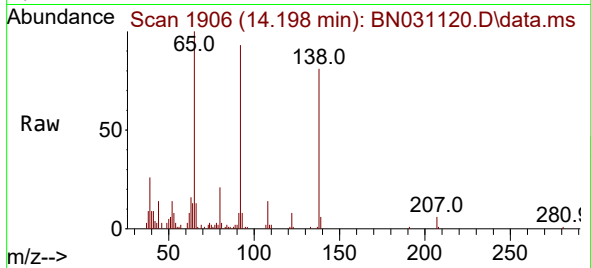




#51
3-Nitroaniline
Concen: 4.386 ng/ul
RT: 14.198 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

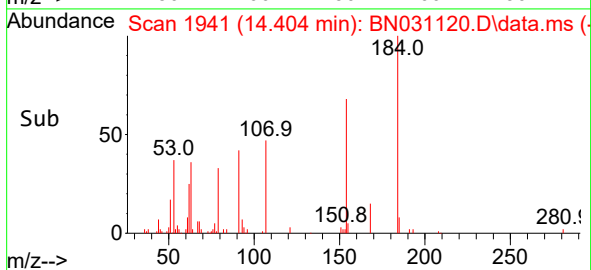
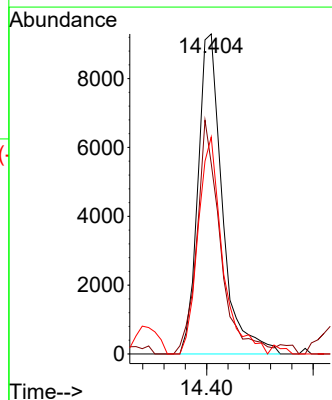
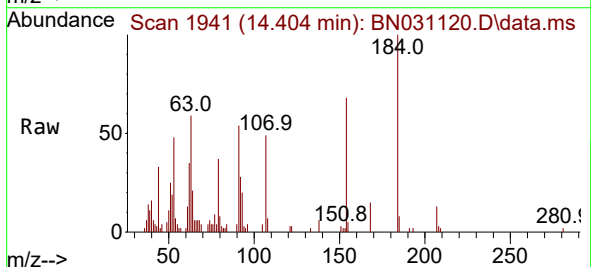
Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

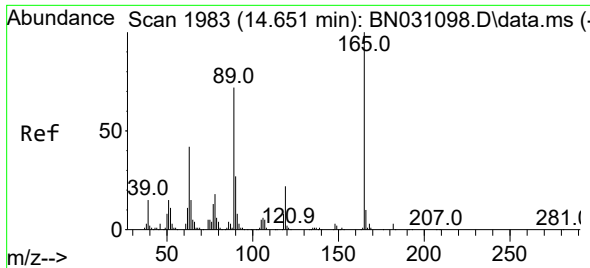
Tgt Ion:138 Resp: 24492
Ion Ratio Lower Upper
138 100
108 16.8 11.1 16.7#
92 113.9 93.9 140.9



#53
2,4-Dinitrophenol
Concen: 5.397 ng/ul
RT: 14.404 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion:184 Resp: 14844
Ion Ratio Lower Upper
184 100
63 59.5 50.4 75.6
154 67.8 53.0 79.6

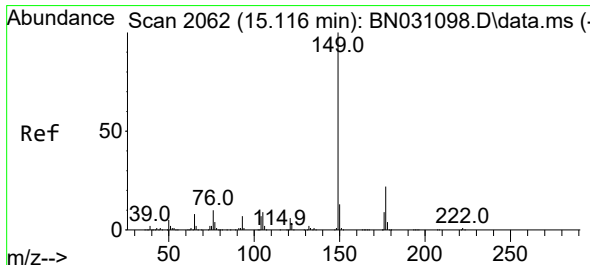
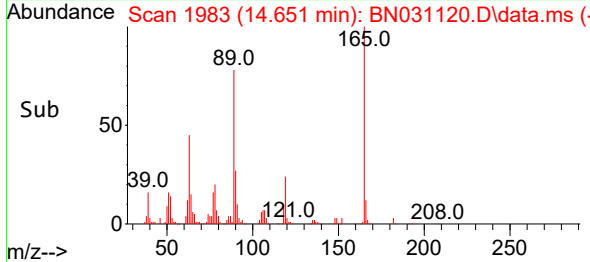
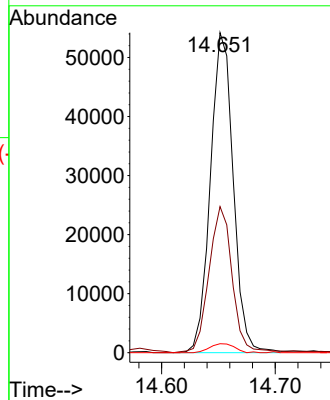
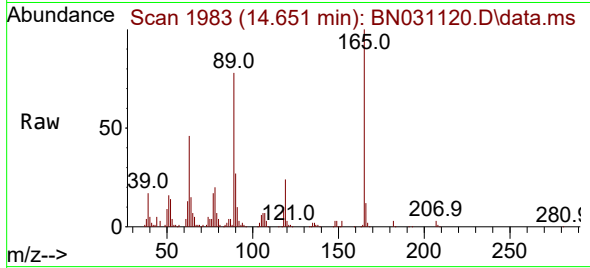




#57
2,4-Dinitrotoluene
Concen: 10.256 ng/ul
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

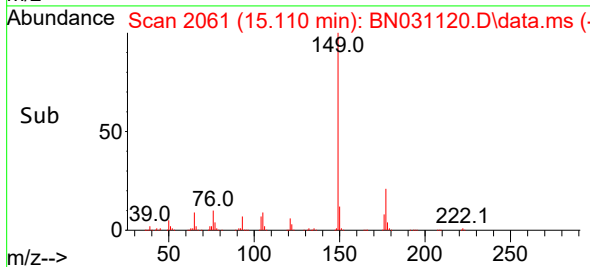
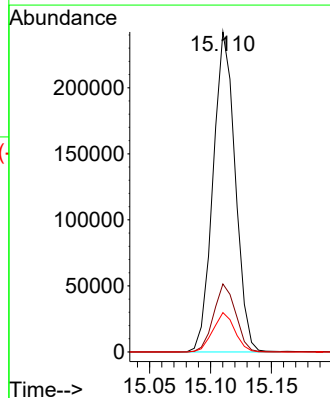
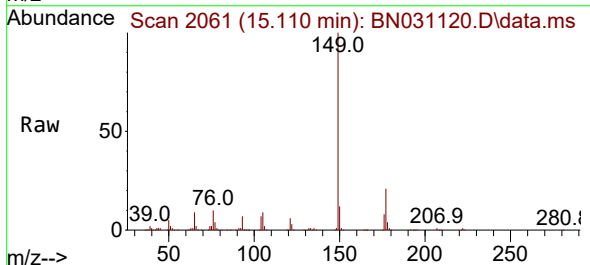
Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

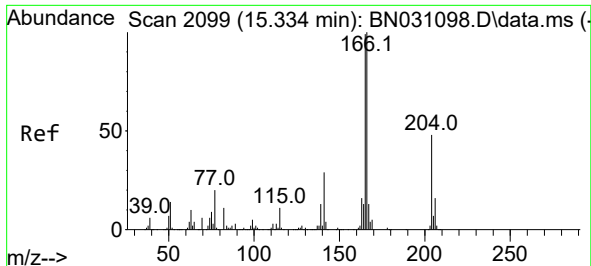
Tgt Ion:165 Resp: 75798
Ion Ratio Lower Upper
165 100
63 45.7 33.9 50.9
182 2.8 2.6 4.0



#59
Diethylphthalate
Concen: 11.517 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion:149 Resp: 306888
Ion Ratio Lower Upper
149 100
177 21.3 16.8 25.2
150 12.3 10.1 15.1

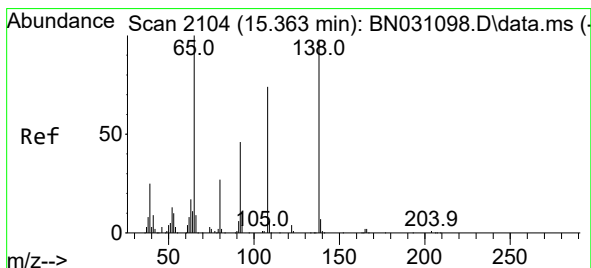
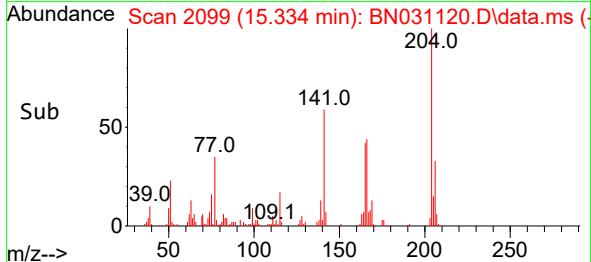
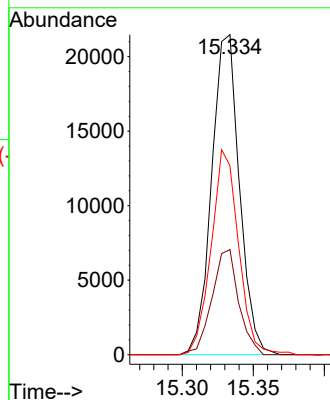
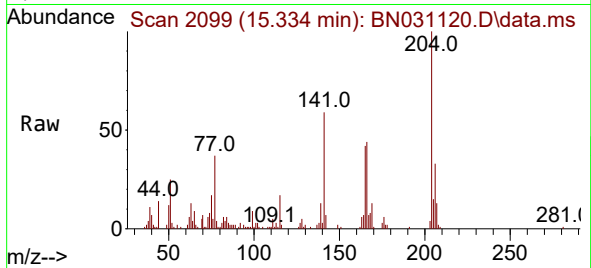




#62
4-Chlorophenyl-phenylether
Concen: 2.449 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

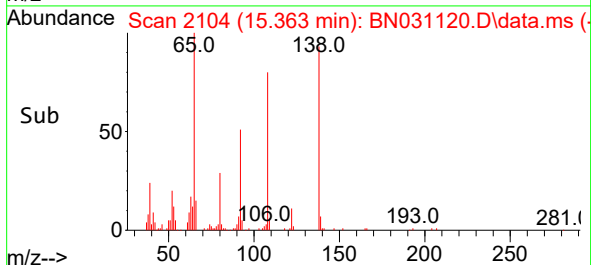
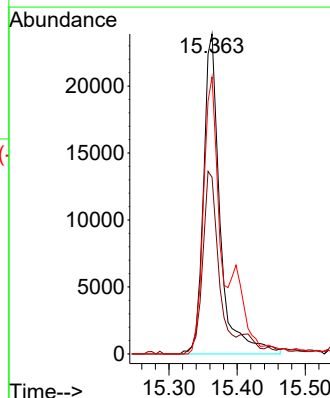
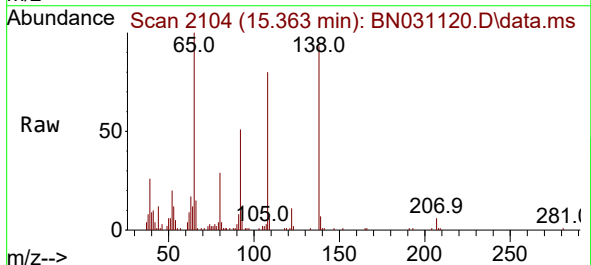
Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

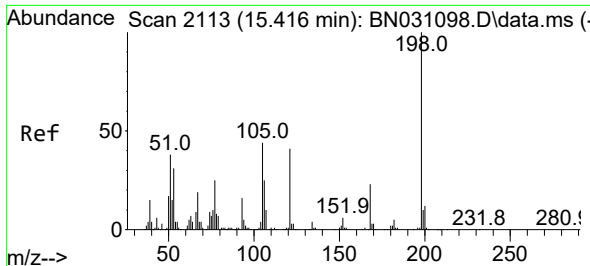
Tgt Ion:204 Resp: 29250
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 59.0 50.7 76.1



#63
4-Nitroaniline
Concen: 6.725 ng/ul
RT: 15.363 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion:138 Resp: 40487
Ion Ratio Lower Upper
138 100
92 55.2 38.4 57.6
108 86.6 63.8 95.8

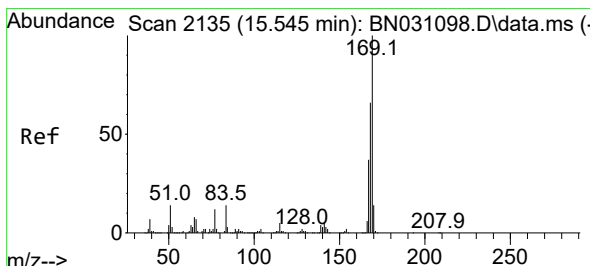
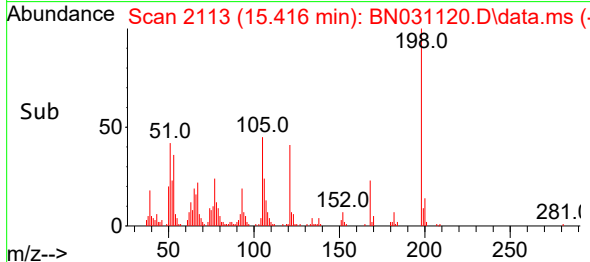
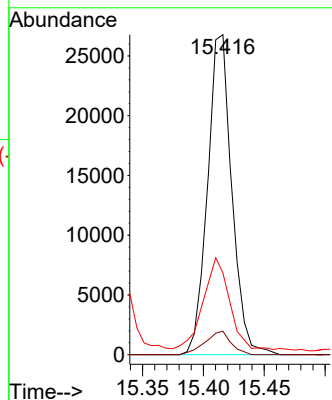
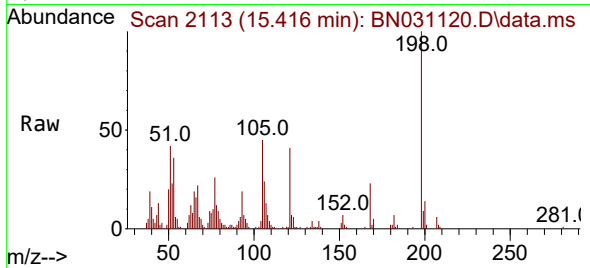




#66
 4,6-Dinitro-2-methylphenol
 Concen: 8.381 ng/ul
 RT: 15.416 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: BN031120.D
 Acq: 22 Apr 2024 13:34

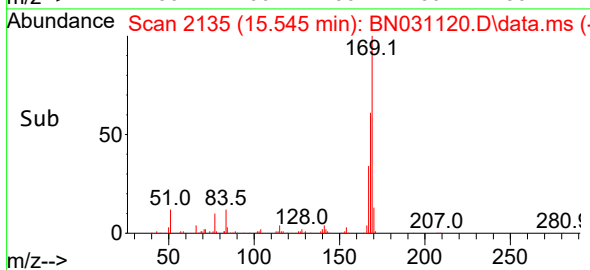
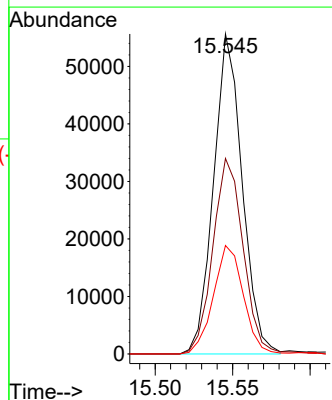
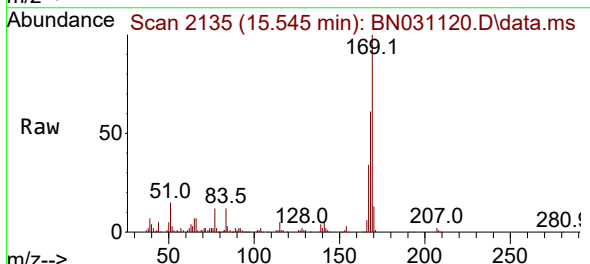
Instrument :
 BNA_N
 ClientSampleId :
 EZZZ9MS

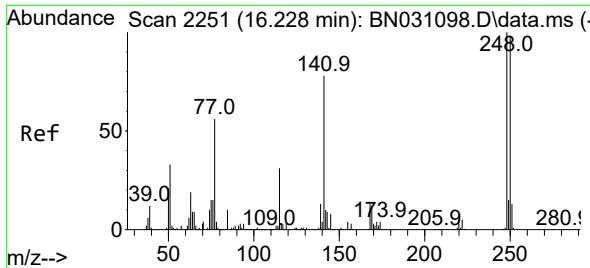
Tgt Ion:198 Resp: 37226
 Ion Ratio Lower Upper
 198 100
 182 7.4 4.0 6.0#
 77 25.6 22.2 33.4



#67
 N-Nitrosodiphenylamine
 Concen: 3.253 ng/ul
 RT: 15.545 min Scan# 2135
 Delta R.T. -0.006 min
 Lab File: BN031120.D
 Acq: 22 Apr 2024 13:34

Tgt Ion:169 Resp: 71484
 Ion Ratio Lower Upper
 169 100
 168 61.1 52.6 79.0
 167 33.9 27.8 41.6

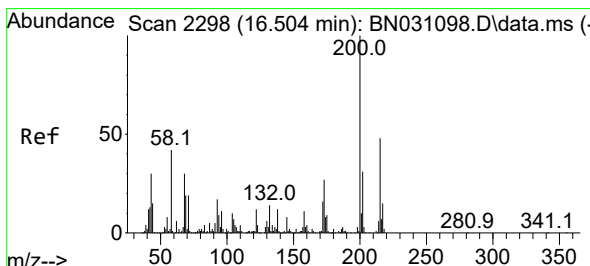
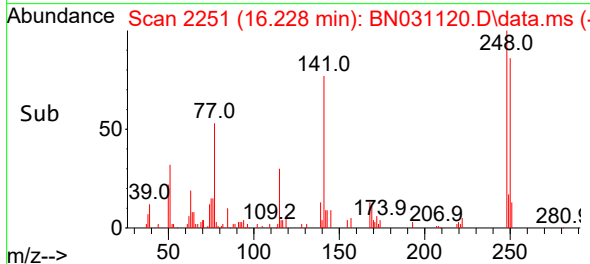
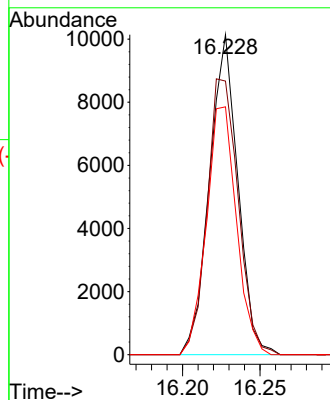
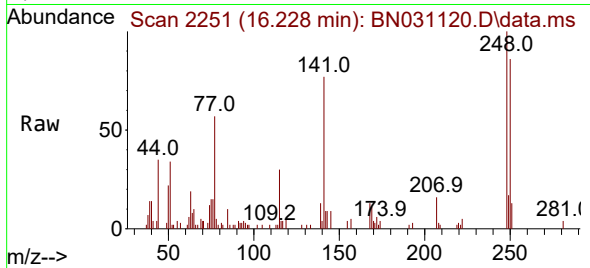




#68
4-Bromophenyl-phenylether
Concen: 1.667 ng/ul
RT: 16.228 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

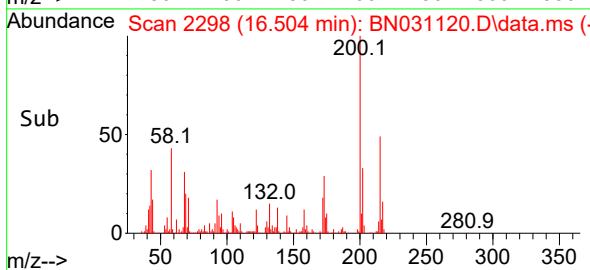
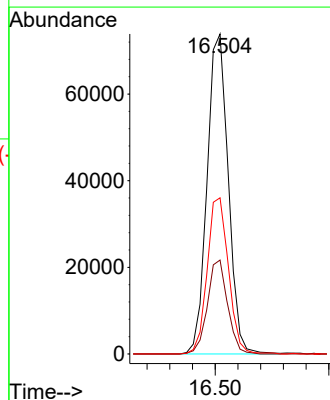
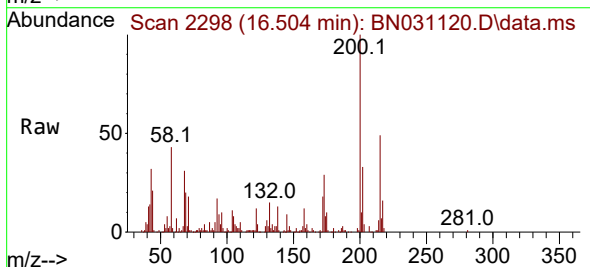
Instrument :
BNA_N
ClientSampleId :
EZZZ9MS

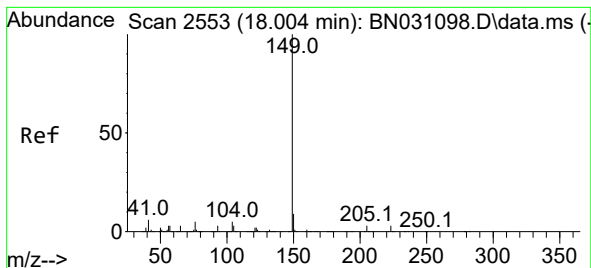
Tgt Ion:248 Resp: 12925
Ion Ratio Lower Upper
248 100
250 85.5 78.2 117.2
141 77.5 71.4 107.0



#70
Atrazine
Concen: 12.385 ng/ul
RT: 16.504 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BN031120.D
Acq: 22 Apr 2024 13:34

Tgt Ion:200 Resp: 95555
Ion Ratio Lower Upper
200 100
173 29.3 20.6 31.0
215 48.8 37.6 56.4





#78

Di-n-butylphthalate

Concen: 13.153 ng/ul

RT: 18.004 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BN031120.D

Acq: 22 Apr 2024 13:34

Instrument :

BNA_N

ClientSampleId :

EZZZ9MS

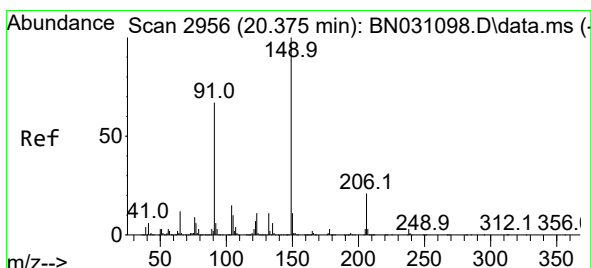
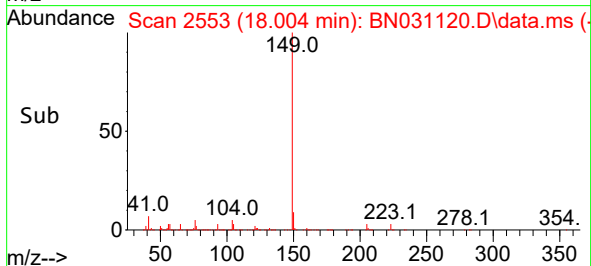
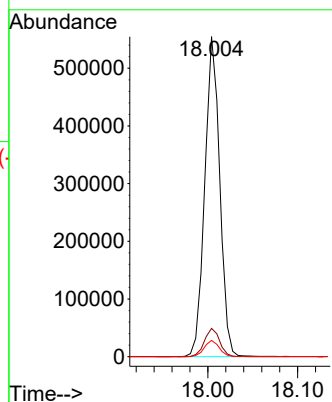
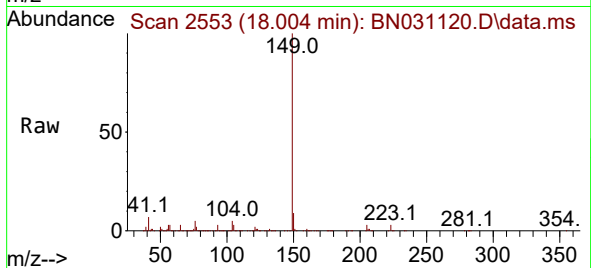
Tgt Ion:149 Resp: 642674

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

104 5.1 3.9 5.9



#83

Butylbenzylphthalate

Concen: 13.618 ng/ul

RT: 20.375 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BN031120.D

Acq: 22 Apr 2024 13:34

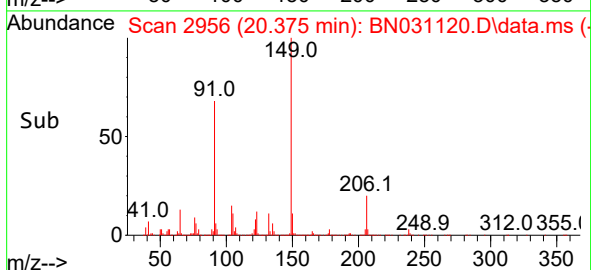
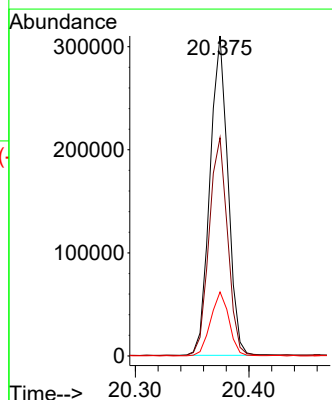
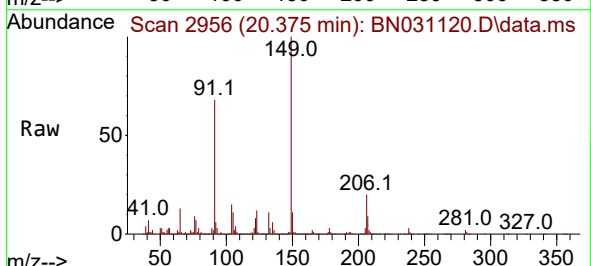
Tgt Ion:149 Resp: 341196

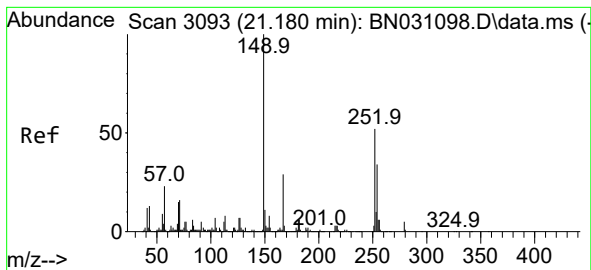
Ion Ratio Lower Upper

149 100

91 68.2 57.3 85.9

206 20.0 16.2 24.4





#84

3,3'-Dichlorobenzidine

Concen: 2.464 ng/ul

RT: 21.186 min Scan# 3093

Delta R.T. 0.000 min

Lab File: BN031120.D

Acq: 22 Apr 2024 13:34

Instrument :

BNA_N

ClientSampleId :

EZZZ9MS

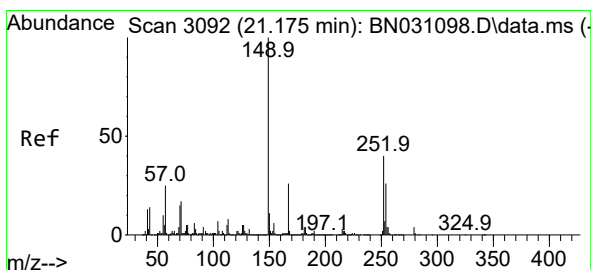
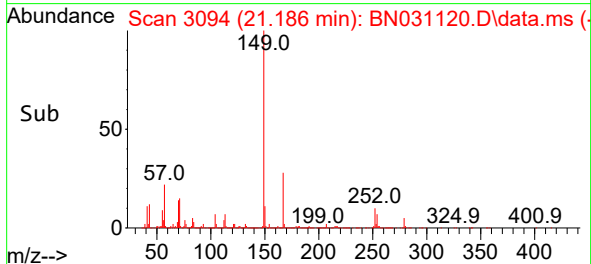
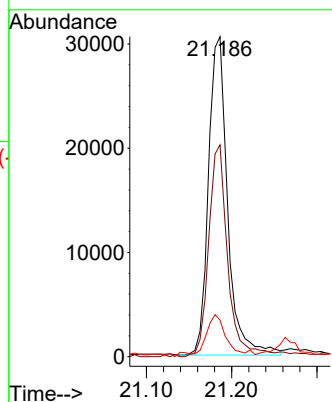
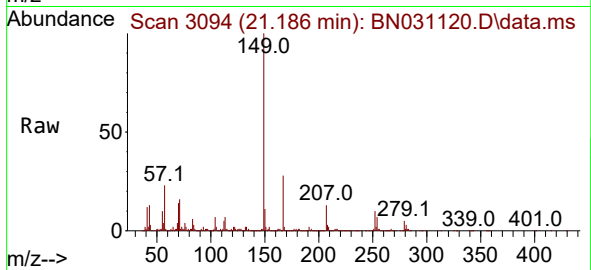
Tgt Ion:252 Resp: 47712

Ion Ratio Lower Upper

252 100

254 66.2 54.5 81.7

126 11.4 9.8 14.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 13.862 ng/ul

RT: 21.180 min Scan# 3093

Delta R.T. 0.000 min

Lab File: BN031120.D

Acq: 22 Apr 2024 13:34

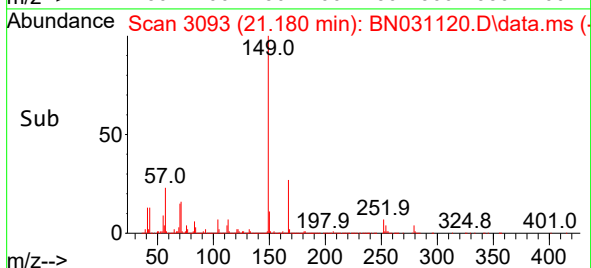
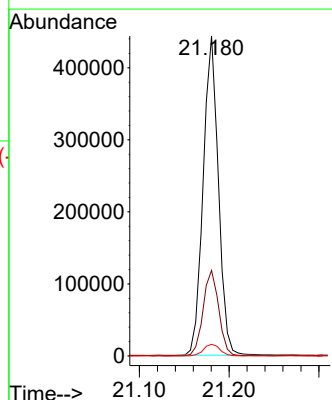
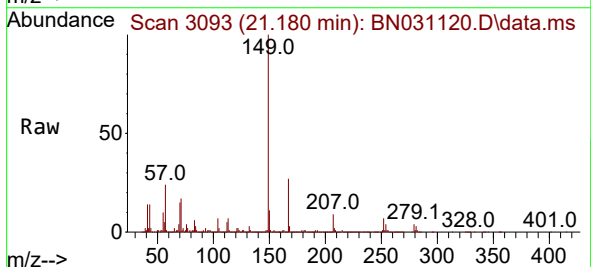
Tgt Ion:149 Resp: 521463

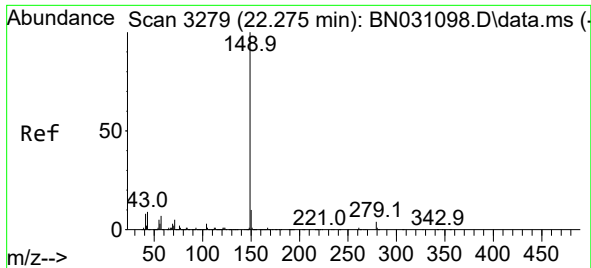
Ion Ratio Lower Upper

149 100

167 26.8 22.3 33.5

279 3.6 3.0 4.6





#89

Di-n-octyl phthalate

Concen: 14.591 ng/ul

RT: 22.274 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031120.D

Acq: 22 Apr 2024 13:34

Instrument :

BNA_N

ClientSampleId :

EZZZ9MS

Tgt Ion:149 Resp: 945374

