

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031935.D
 Acq On : 12 Jun 2024 10:48
 Operator : MA/JU
 Sample : PB161173BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 22:51:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	350438	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1606776	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1059703	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2184665	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1586643	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1470120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	46977	5.546	ng/uL	0.00
4) Pyridine-d5	3.581	84	660120	27.684	ng/u1	0.00
7) Phenol-d5	6.834	99	971293	32.331	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	548146	31.193	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	792349	34.566	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	796206	32.513	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	409954	33.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	446481	35.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	787199	33.226	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	1103200	31.362	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2430452	32.922	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2739519	32.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	487253	32.964	ng/u1	0.00
60) Fluorene-d10	15.304	176	1985434	31.785	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	392447	35.738	ng/u1	0.00
73) Anthracene-d10	17.157	188	2951152	31.553	ng/u1	0.00
81) Pyrene-d10	19.451	212	3417247	40.248	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2308607	32.887	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	103990	11.474	ng/uL	99
5) Pyridine	3.599	79	681754	28.595	ng/u1	98
6) Benzaldehyde	6.810	77	571225	40.538	ng/u1	99
8) Phenol	6.863	94	1047352	34.256	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.093	93	818025	32.357	ng/u1	99
12) 2-Chlorophenol	7.228	128	824071	34.353	ng/u1	98
13) 2-Methylphenol	8.104	108	793349	33.596	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	955655	32.838	ng/u1	99
16) Acetophenone	8.487	105	1276588	34.397	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.475	70	621717	32.328	ng/u1	96
18) 4-Methylphenol	8.434	108	888150	34.696	ng/u1	98
19) Hexachloroethane	8.728	117	336118	33.089	ng/u1	98
22) Nitrobenzene	8.863	77	943355	32.229	ng/u1	98
23) Isophorone	9.387	82	1868917	31.126	ng/u1	99
25) 2-Nitrophenol	9.563	139	499419	36.020	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	627930	23.280	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.863	93	1166562	31.174	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	817990	34.967	ng/u1	99
30) Naphthalene	10.493	128	2717330	32.677	ng/u1	99
32) 4-Chloroaniline	10.610	127	1015441	29.733	ng/u1	96
33) Hexachlorobutadiene	10.769	225	475237	33.825	ng/u1	93
34) Caprolactam	11.404	113	189325	20.734	ng/u1	94
35) 4-Chloro-3-methylphenol	11.740	107	951422	34.795	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1904227	33.501	ng/u1	97

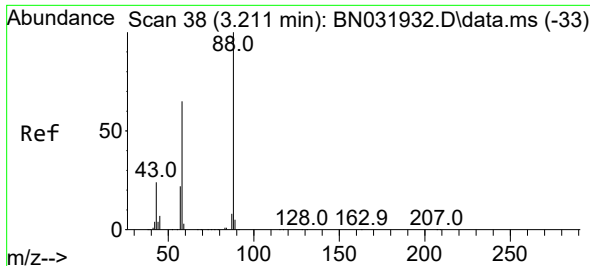
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1920210	33.669	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.481	216	970766	34.639	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	309928	19.188	ng/ul	100
41) 2,4,6-Trichlorophenol	12.728	196	662590	34.832	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	736399	35.624	ng/ul	94
43) 1,1'-Biphenyl	13.134	154	2487439	33.372	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1945256	33.321	ng/ul	98
45) 2-Nitroaniline	13.392	65	604029	35.693	ng/ul	94
47) Dimethylphthalate	13.769	163	2517653	33.346	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	547614	36.489	ng/ul	99
50) Acenaphthylene	14.028	152	3130849	32.635	ng/ul	99
51) 3-Nitroaniline	14.222	138	600782	37.441	ng/ul	99
52) Acenaphthene	14.369	153	2052176	32.330	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	290681	38.366	ng/ul	97
55) 4-Nitrophenol	14.545	109	391398	35.695	ng/ul	94
56) Dibenzofuran	14.704	168	2940835	34.100	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	788271	35.796	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.934	232	615420	35.592	ng/ul	100
59) Diethylphthalate	15.139	149	2526505	32.429	ng/ul	99
61) Fluorene	15.357	166	2299754	33.115	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	1101291	32.740	ng/ul	97
63) 4-Nitroaniline	15.392	138	642357	42.052	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	460534	39.451	ng/ul	98
67) N-Nitrosodiphenylamine	15.575	169	2120417	35.212	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	744147	35.155	ng/ul	94
69) Hexachlorobenzene	16.357	284	875632	36.499	ng/ul	92
70) Atrazine	16.528	200	605778	31.861	ng/ul	98
71) Pentachlorophenol	16.704	266	531382	34.619	ng/ul	96
72) Phenanthrene	17.098	178	3829175	34.407	ng/ul	98
74) Anthracene	17.186	178	3660187	32.458	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.092	216	973991	34.638	ng/ul	98
76) Pentachlorobenzene	14.622	250	965256	35.243	ng/ul	99
77) Carbazole	17.463	167	3608764	37.531	ng/ul	98
78) Di-n-butylphthalate	18.028	149	4628635	34.989	ng/ul	100
80) Fluoranthene	19.116	202	4317663	42.551	ng/ul	99
82) Pyrene	19.486	202	4417696	42.434	ng/ul	96
83) Butylbenzylphthalate	20.392	149	2085840	42.420	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.204	252	1159603	38.112	ng/ul	100
85) Benzo(a)anthracene	21.274	228	3708215	34.917	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.198	149	2895410	40.395	ng/ul	99
87) Chrysene	21.333	228	3394786	34.222	ng/ul	97
89) Di-n-octyl phthalate	22.310	149	4773899	48.504	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	3158708	35.946	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2862727	33.200	ng/ul	98
93) Benzo(a)pyrene	24.086	252	2480684	30.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.521	276	3356322	35.390	ng/ul	98
95) Dibenzo(a,h)anthracene	27.574	278	2684177	34.667	ng/ul	98
96) Benzo(g,h,i)perylene	28.550	276	2574992	34.156	ng/ul	98

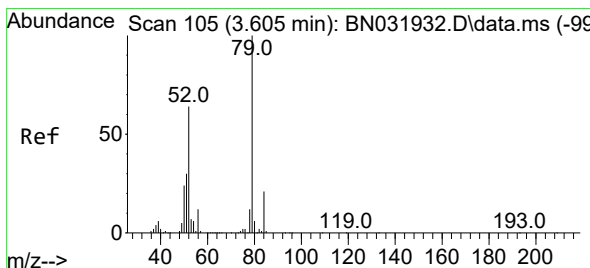
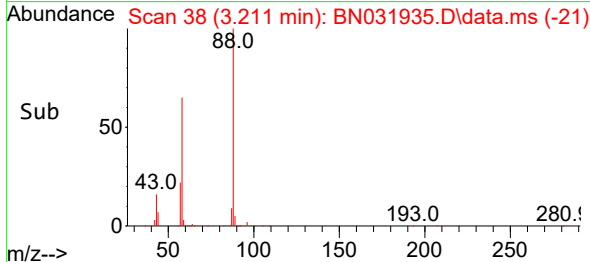
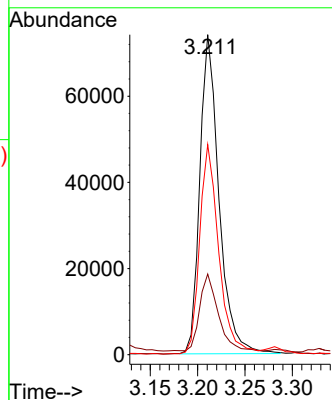
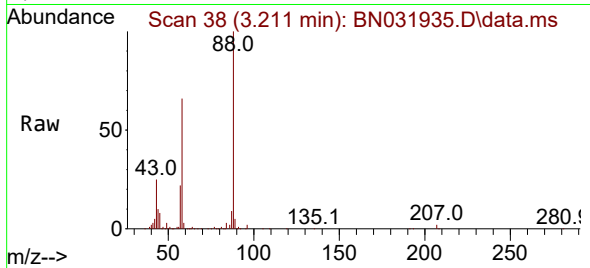
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#2
1,4-Dioxane
Concen: 11.474 ng/uL
RT: 3.211 min Scan# 31
Delta R.T. 0.000 min
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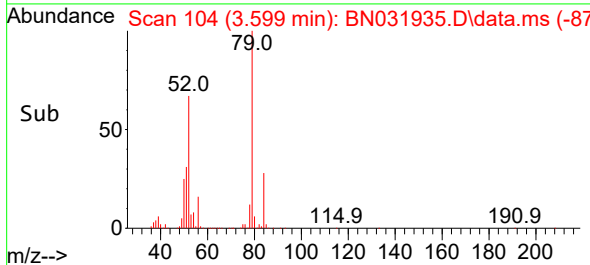
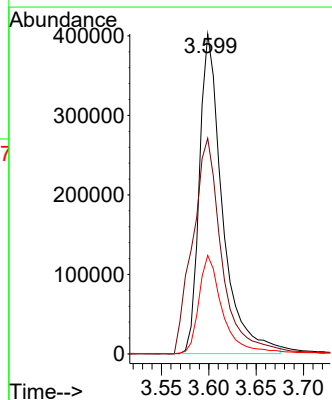
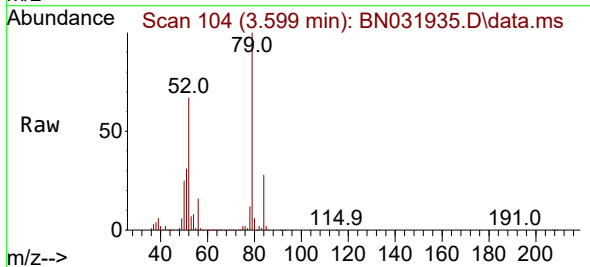
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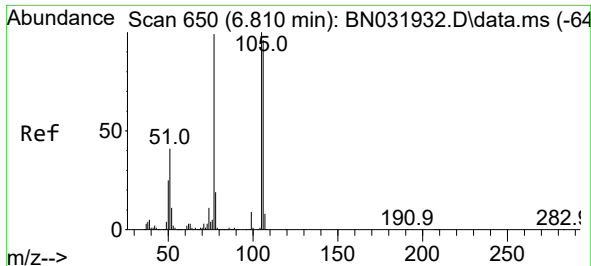
Tgt Ion: 88 Resp: 103990
Ion Ratio Lower Upper
88 100
43 25.2 18.5 27.7
58 65.6 52.6 78.8



#5
Pyridine
Concen: 28.595 ng/uL
RT: 3.599 min Scan# 104
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion: 79 Resp: 681754
Ion Ratio Lower Upper
79 100
52 67.4 53.0 79.6
51 30.8 23.3 34.9

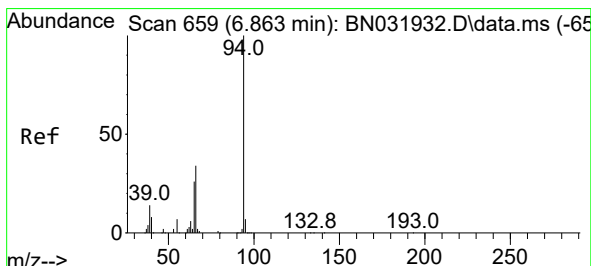
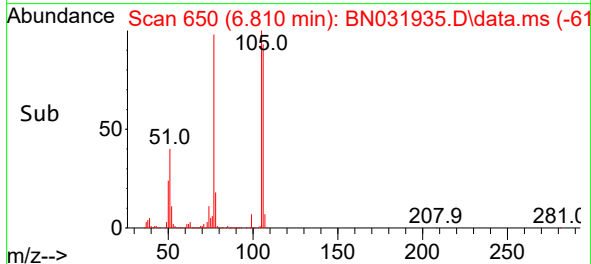
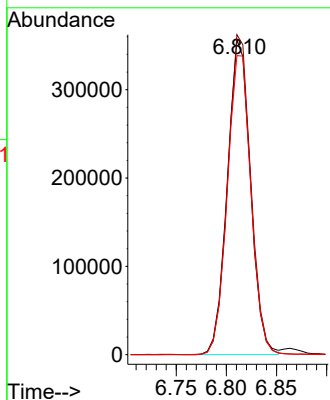
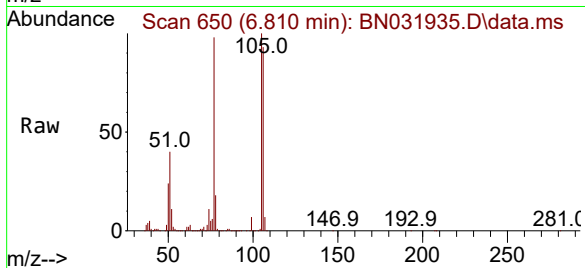




#6
Benzaldehyde
Concen: 40.538 ng/ul
RT: 6.810 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

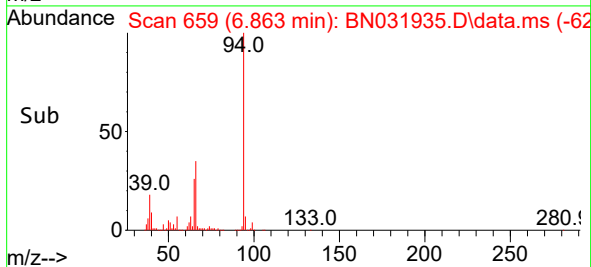
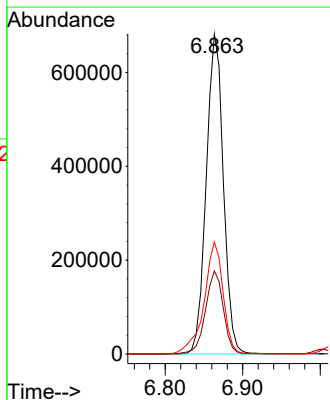
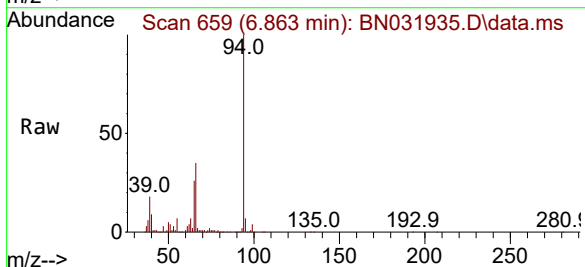
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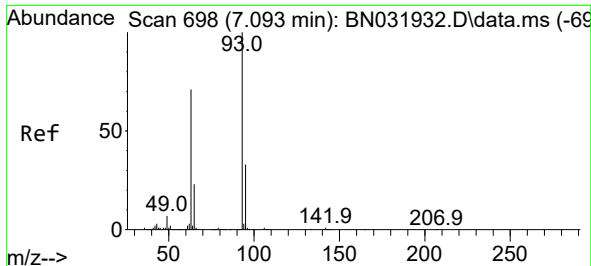
Tgt Ion: 77 Resp: 571225
Ion Ratio Lower Upper
77 100
105 101.7 80.2 120.4
106 95.0 76.8 115.2



#8
Phenol
Concen: 34.256 ng/ul
RT: 6.863 min Scan# 659
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion: 94 Resp: 1047352
Ion Ratio Lower Upper
94 100
65 26.0 20.3 30.5
66 35.0 25.8 38.8

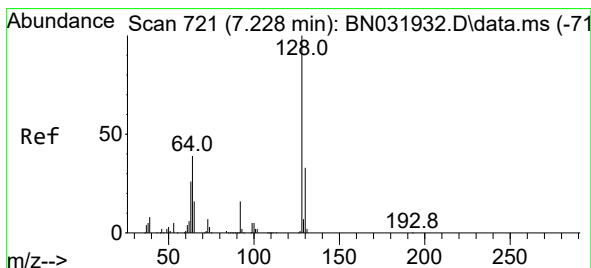
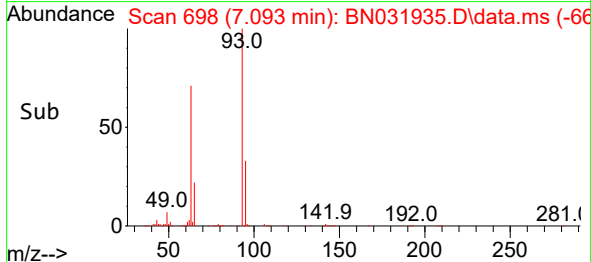
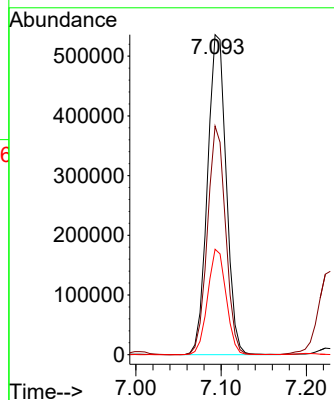
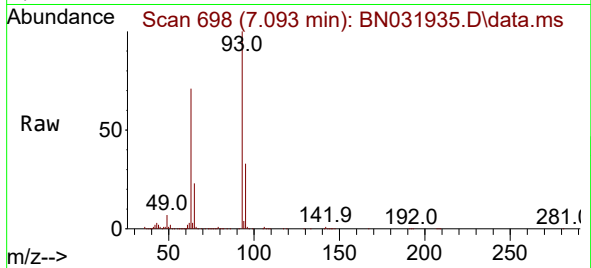




#10
Bis(2-Chloroethyl)ether
Concen: 32.357 ng/ul
RT: 7.093 min Scan# 698
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

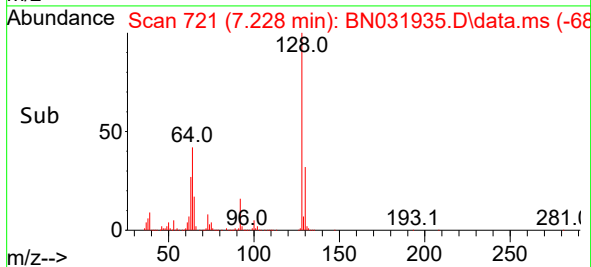
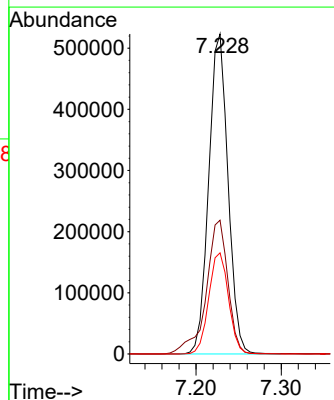
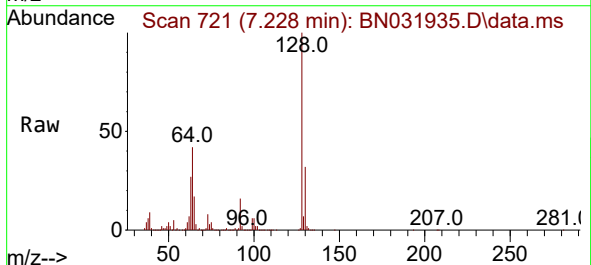
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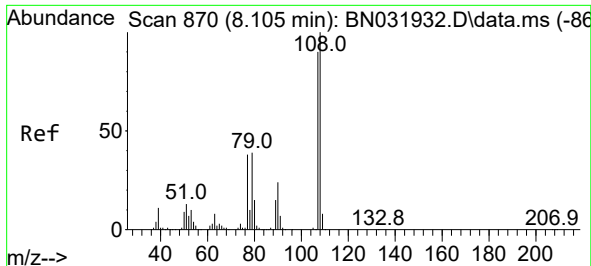
Tgt Ion: 93 Resp: 818025
Ion Ratio Lower Upper
93 100
63 71.5 56.8 85.2
95 33.0 26.0 39.0



#12
2-Chlorophenol
Concen: 34.353 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:128 Resp: 824071
Ion Ratio Lower Upper
128 100
64 41.8 33.9 50.9
130 31.6 26.3 39.5

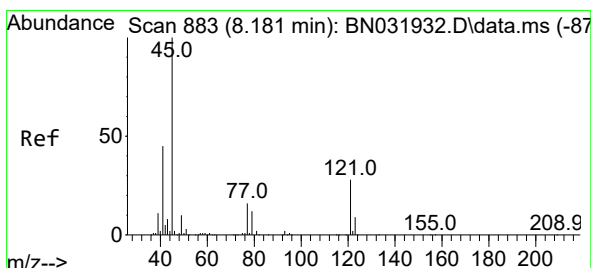
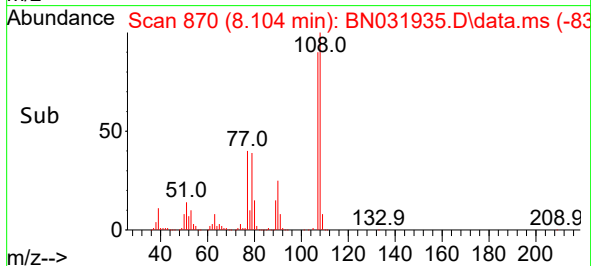
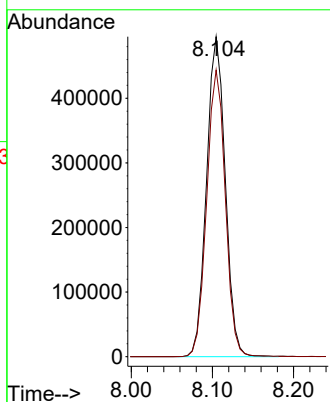
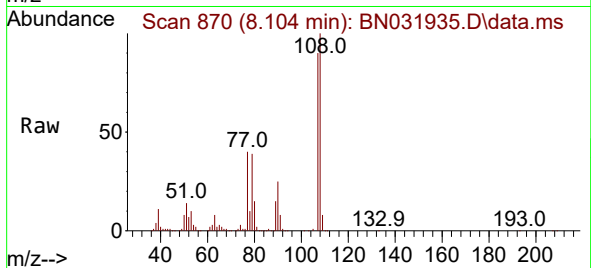




#13
2-Methylphenol
Concen: 33.596 ng/ul
RT: 8.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

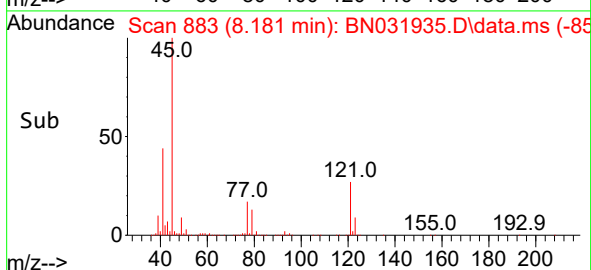
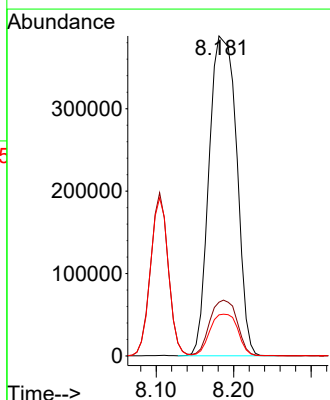
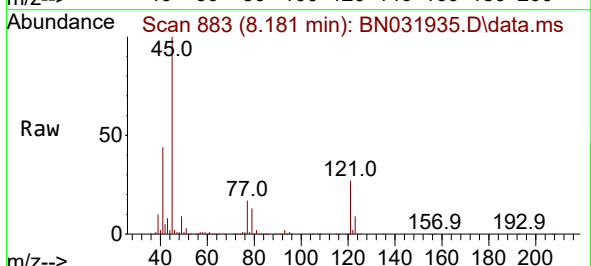
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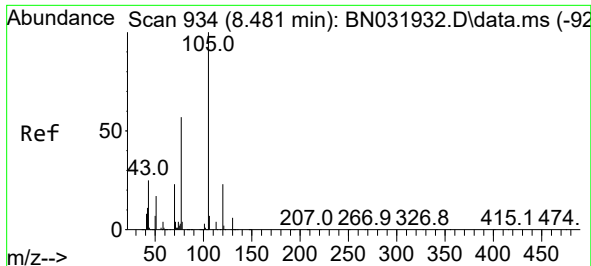
Tgt Ion:108 Resp: 793349
Ion Ratio Lower Upper
108 100
107 89.5 71.6 107.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.838 ng/ul
RT: 8.181 min Scan# 883
Delta R.T. -0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion: 45 Resp: 955655
Ion Ratio Lower Upper
45 100
77 16.8 13.6 20.4
79 12.8 10.6 15.8

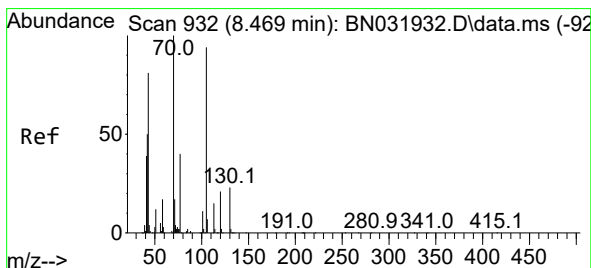
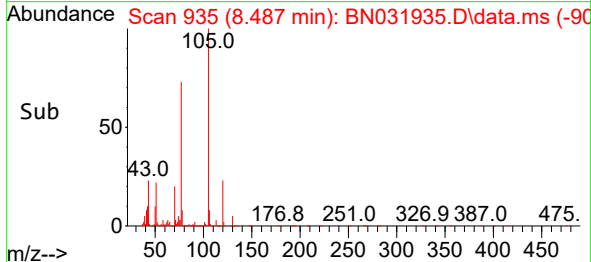
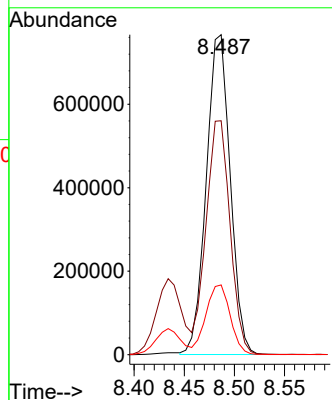
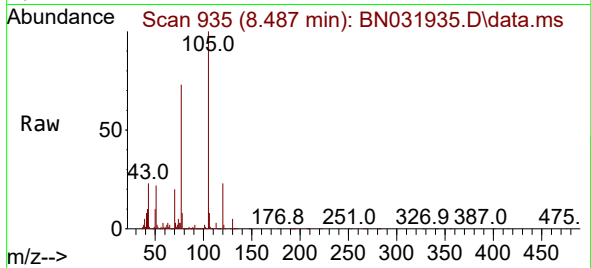




#16
Acetophenone
Concen: 34.397 ng/ul
RT: 8.487 min Scan# 91
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

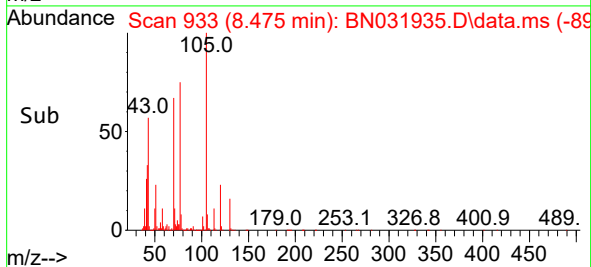
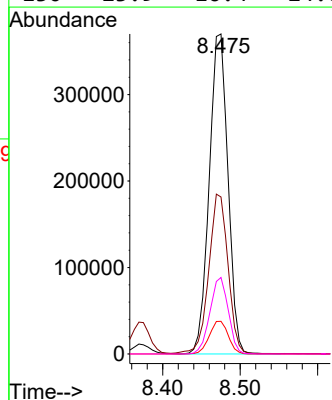
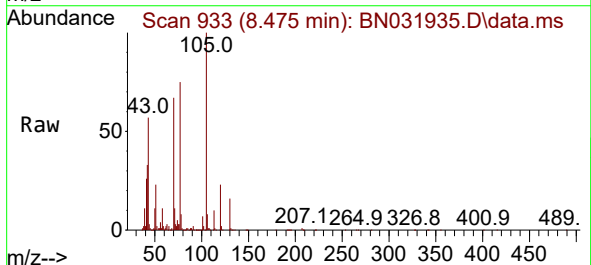
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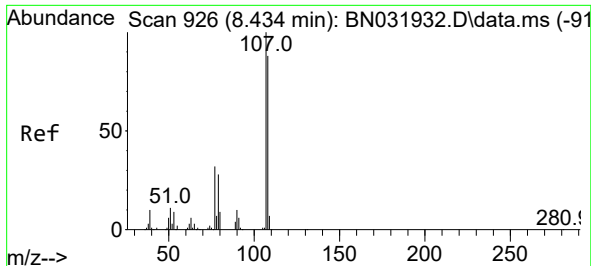
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Ion Ratio Lower Upper
105 100
77 73.1 58.6 87.8
51 21.8 17.2 25.8



#17
N-Nitroso-di-n-propylamine
Concen: 32.328 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion: 70 Resp: 621717
Ion Ratio Lower Upper
70 100
42 49.0 37.3 55.9
101 10.2 7.8 11.6
130 23.9 16.4 24.6

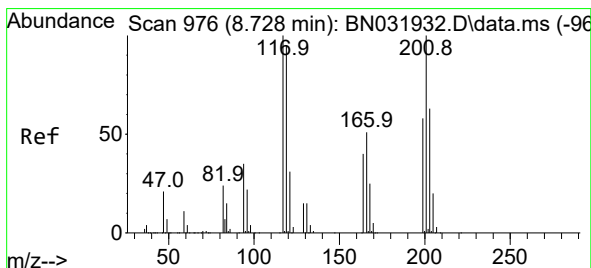
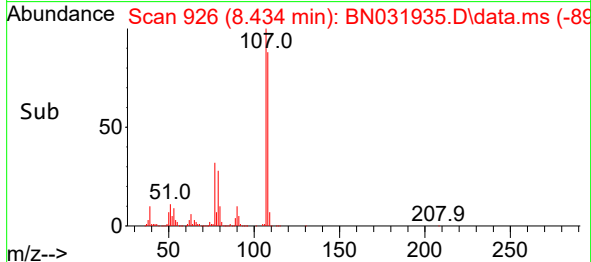
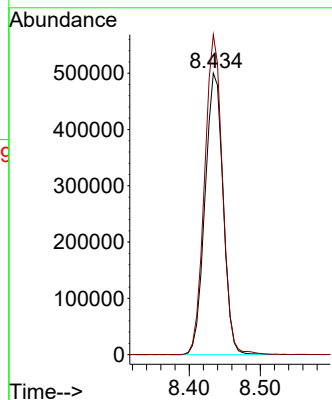
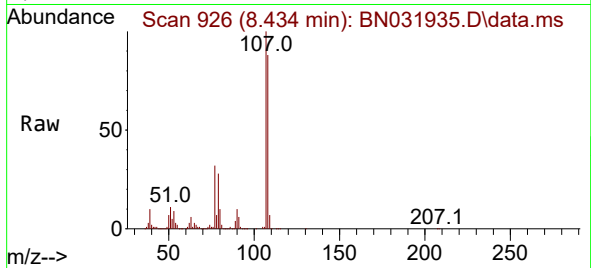




#18
4-Methylphenol
Concen: 34.696 ng/ul
RT: 8.434 min Scan# 918
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

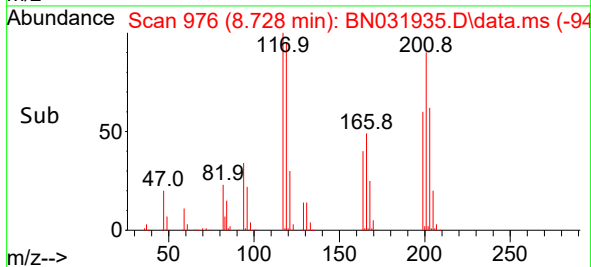
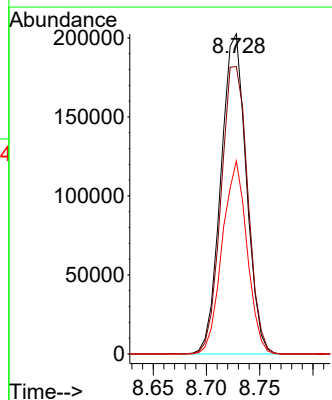
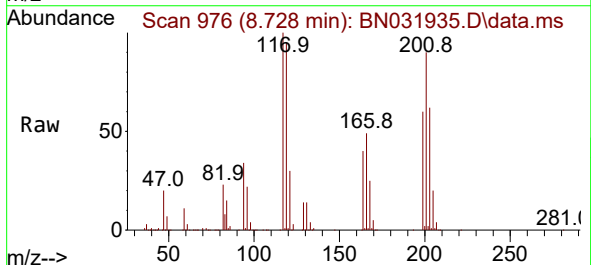
Instrument :
BNA_N
ClientSampleId :

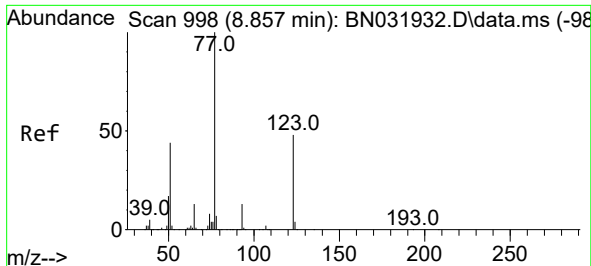
Tgt Ion:108 Resp: 888150
Ion Ratio Lower Upper
108 100
107 113.6 89.6 134.4



#19
Hexachloroethane
Concen: 33.089 ng/ul
RT: 8.728 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:117 Resp: 336118
Ion Ratio Lower Upper
117 100
201 89.8 71.6 107.4
199 60.3 45.6 68.4

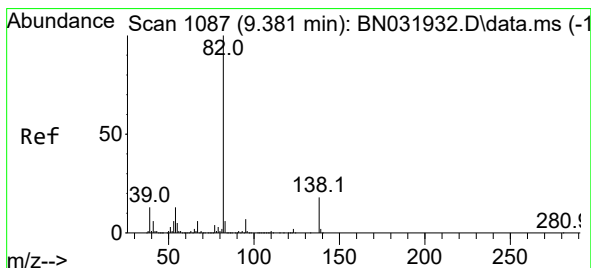
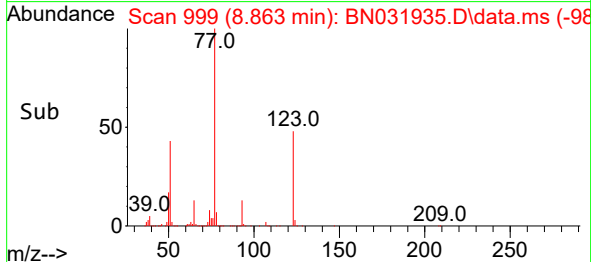
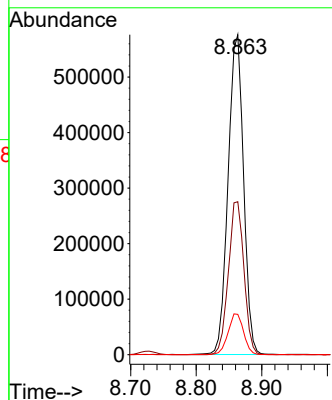
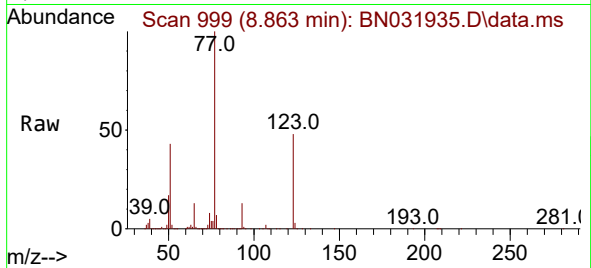




#22
Nitrobenzene
Concen: 32.229 ng/ul
RT: 8.863 min Scan# 998
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

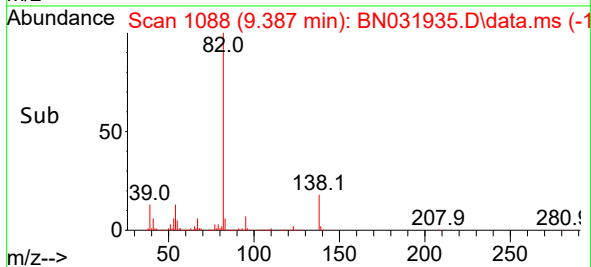
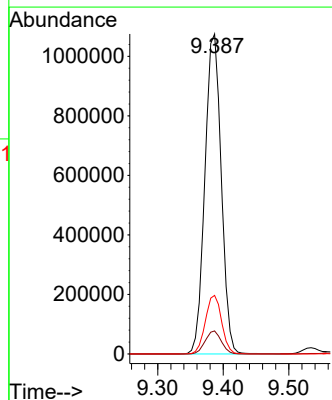
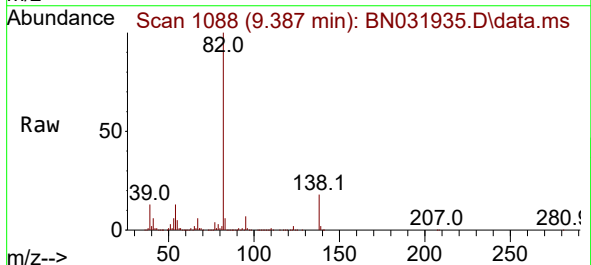
Instrument :
BNA_N
ClientSampleId :

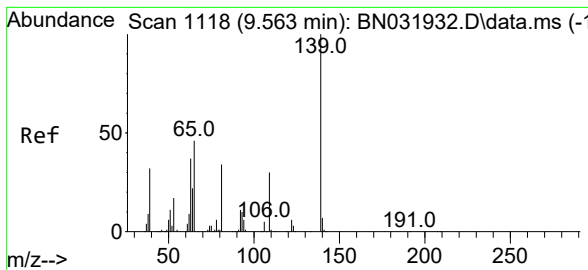
Tgt Ion: 77 Resp: 943355
Ion Ratio Lower Upper
77 100
123 47.8 36.6 55.0
65 12.6 10.2 15.4



#23
Isophorone
Concen: 31.126 ng/ul
RT: 9.387 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion: 82 Resp: 1868917
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.3 14.1 21.1

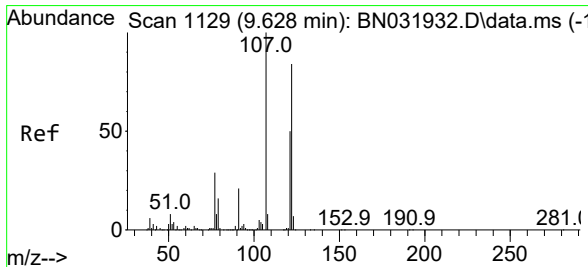
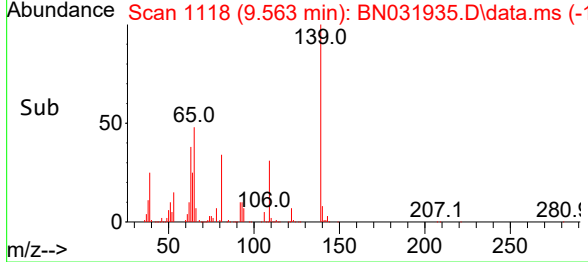
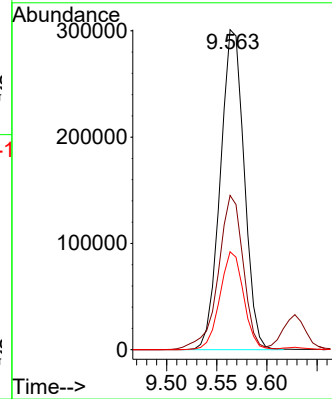
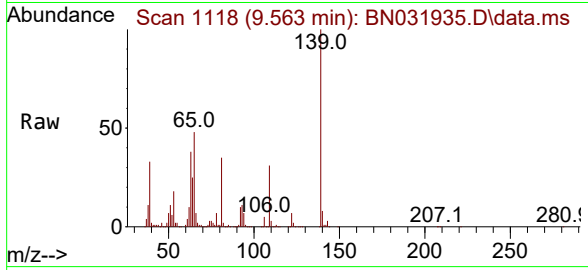




#25
2-Nitrophenol
Concen: 36.020 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

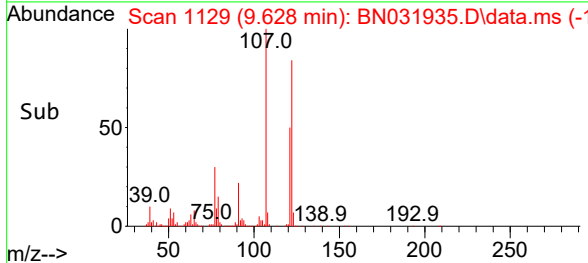
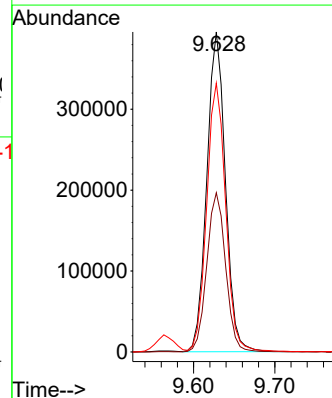
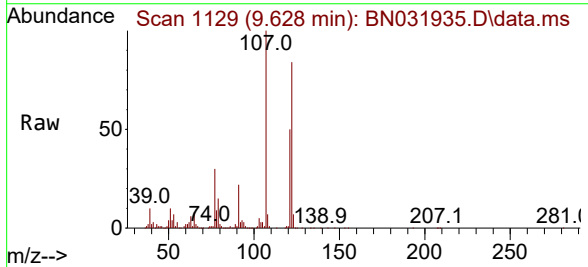
Instrument :
BNA_N
ClientSampleId :

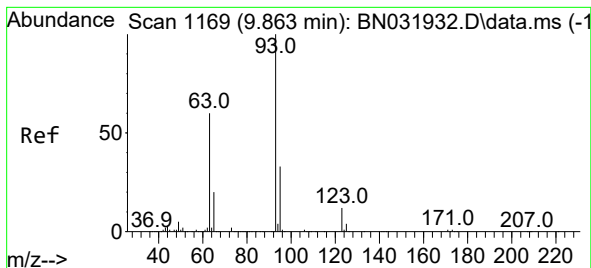
Tgt Ion:139 Resp: 499419
Ion Ratio Lower Upper
139 100
65 48.2 38.3 57.5
109 30.6 22.1 33.1



#26
2,4-Dimethylphenol
Concen: 23.280 ng/ul
RT: 9.628 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:107 Resp: 627930
Ion Ratio Lower Upper
107 100
121 49.8 40.8 61.2
122 84.0 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 31.174 ng/ul

RT: 9.863 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

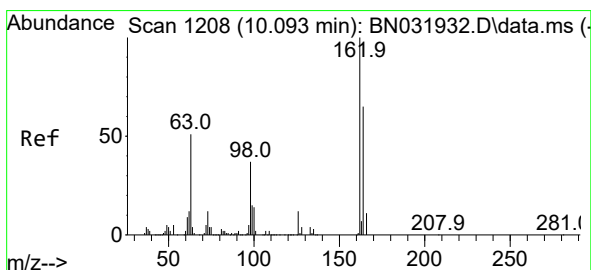
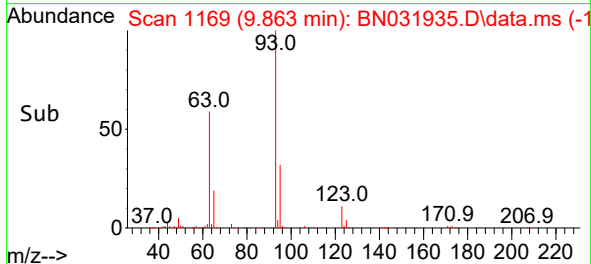
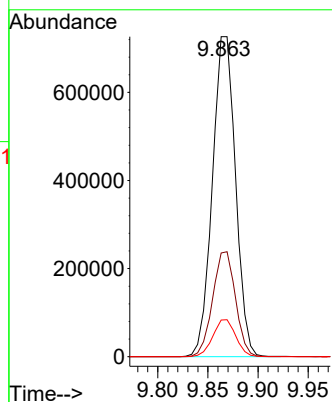
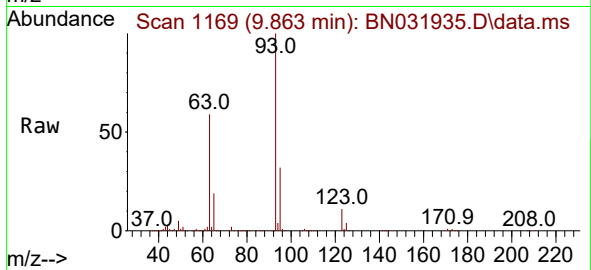
Tgt Ion: 93 Resp: 1166562

Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 11.5 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 34.967 ng/ul

RT: 10.093 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

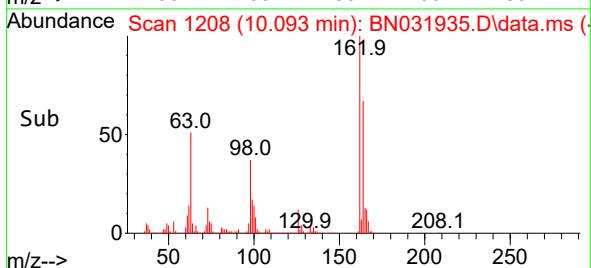
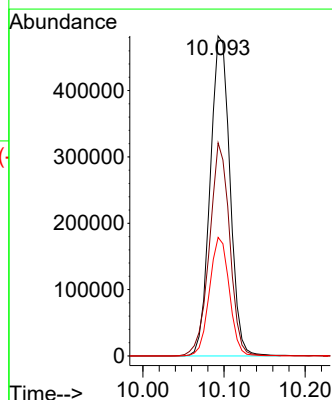
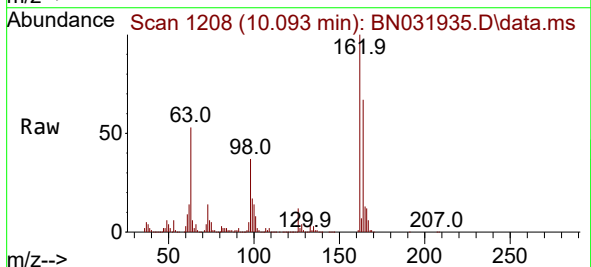
Tgt Ion:162 Resp: 817990

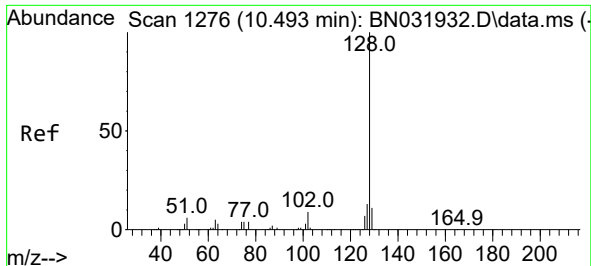
Ion Ratio Lower Upper

162 100

164 66.6 52.7 79.1

98 37.1 30.5 45.7

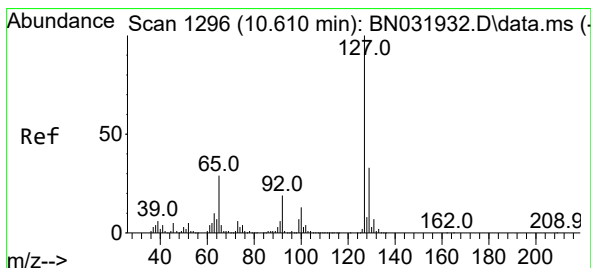
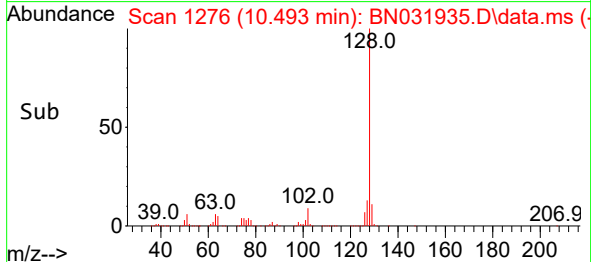
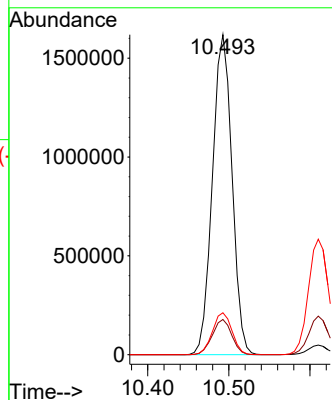
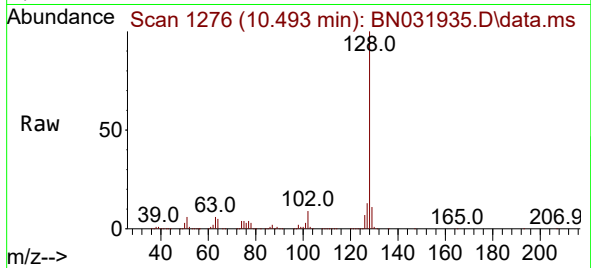




#30
Naphthalene
Concen: 32.677 ng/ul
RT: 10.493 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

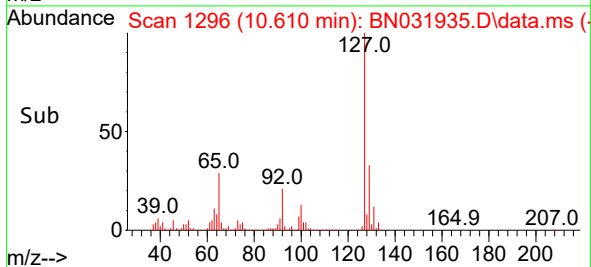
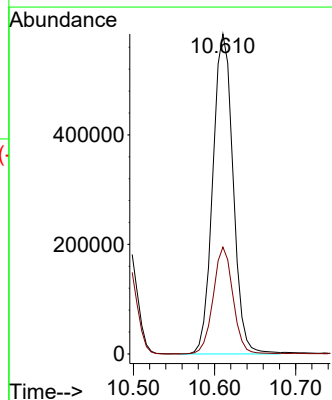
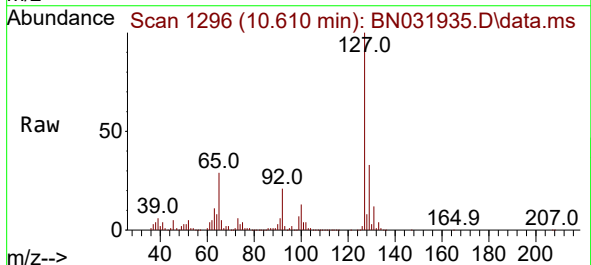
Instrument :
BNA_N
ClientSampleId :

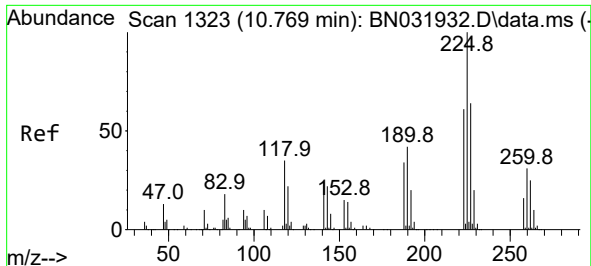
Tgt Ion:128 Resp: 2717330
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 29.733 ng/ul
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

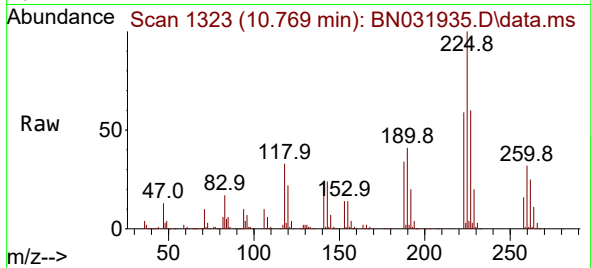
Tgt Ion:127 Resp: 1015441
Ion Ratio Lower Upper
127 100
129 33.4 25.0 37.4



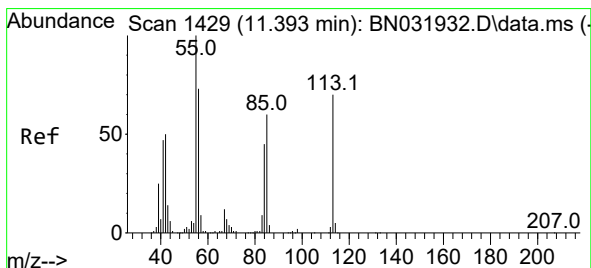
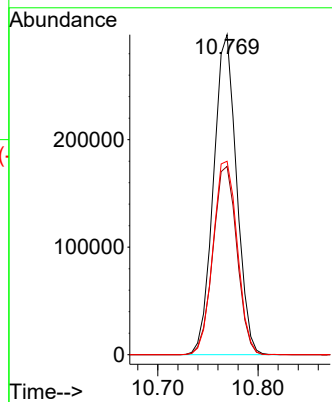
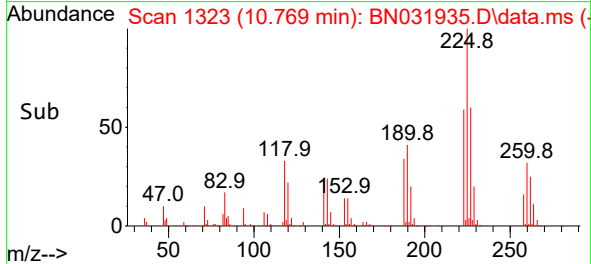


#33
Hexachlorobutadiene
Concen: 33.825 ng/ul
RT: 10.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Instrument :
BNA_N
ClientSampleId :

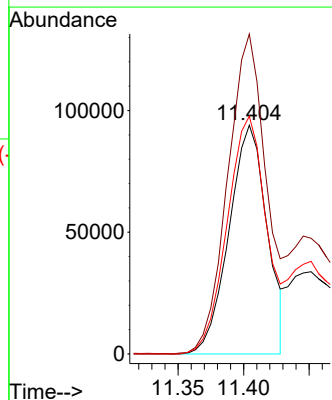
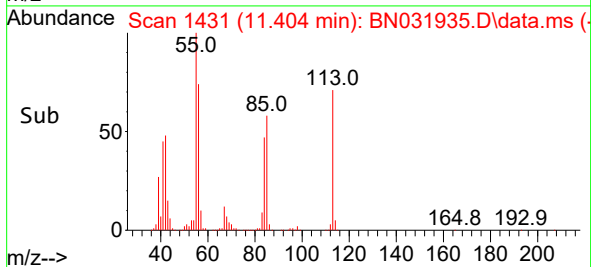
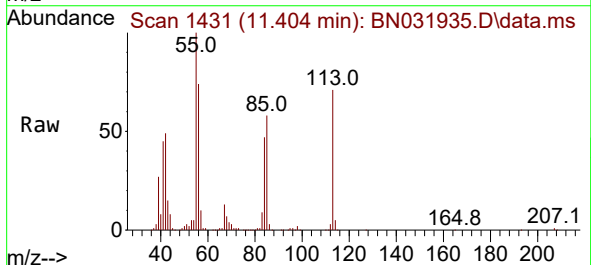


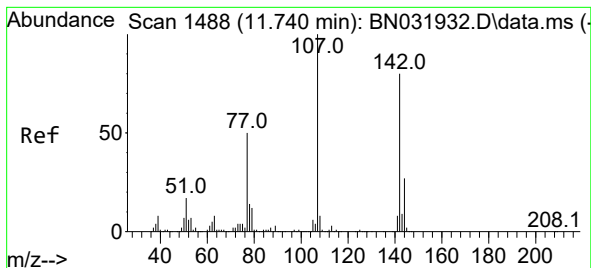
Tgt Ion:225 Resp: 475237
Ion Ratio Lower Upper
225 100
223 58.8 52.3 78.5
227 60.4 52.5 78.7



#34
Caprolactam
Concen: 20.734 ng/ul
RT: 11.404 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:113 Resp: 189325
Ion Ratio Lower Upper
113 100
55 139.9 117.2 175.8
56 103.9 89.4 134.0

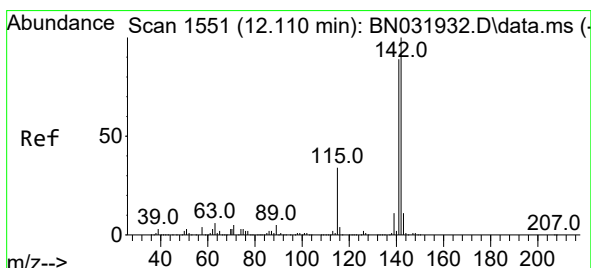
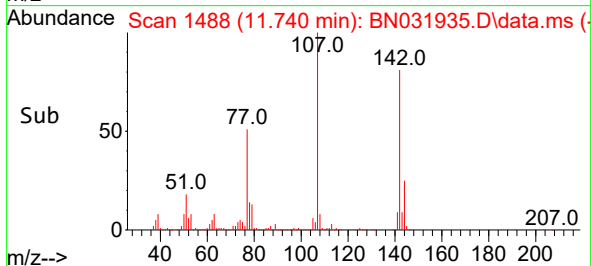
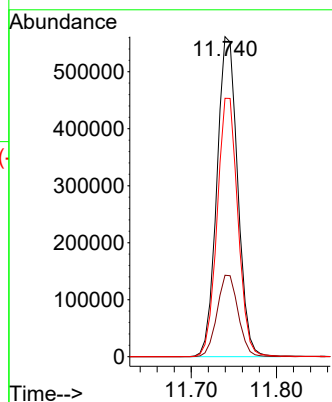
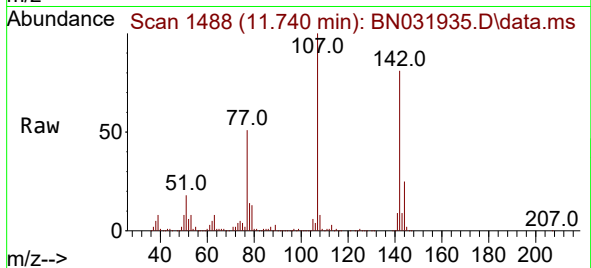




#35
4-Chloro-3-methylphenol
Concen: 34.795 ng/ul
RT: 11.740 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

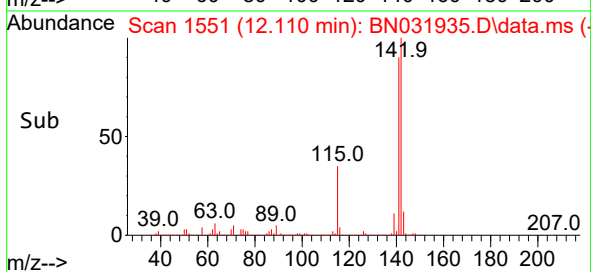
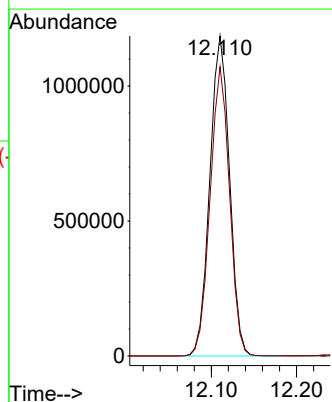
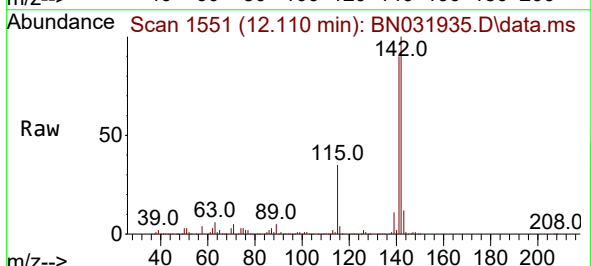
Instrument :
BNA_N
ClientSampleId :

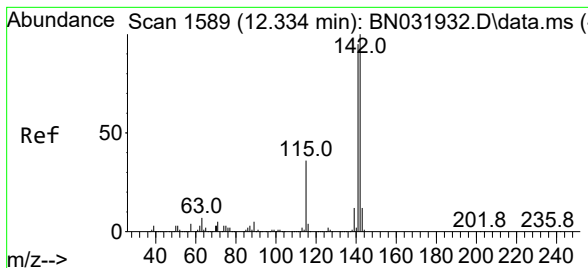
Tgt Ion:107 Resp: 951422
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 80.8 64.0 96.0



#36
2-Methylnaphthalene
Concen: 33.501 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:142 Resp: 1904227
Ion Ratio Lower Upper
142 100
141 90.4 70.1 105.1





#37

1-Methylnaphthalene

Concen: 33.669 ng/ul

RT: 12.334 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

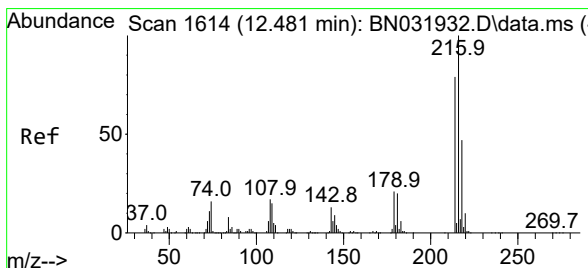
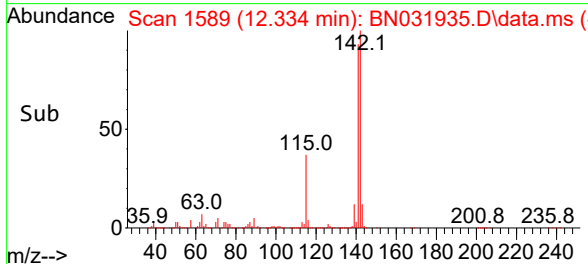
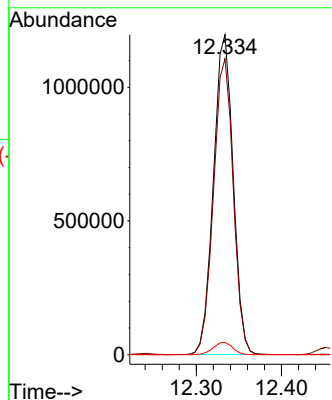
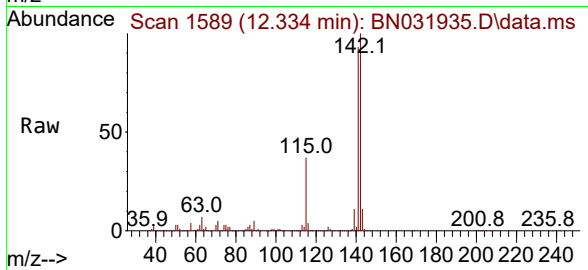
Tgt Ion:142 Resp: 1920210

Ion Ratio Lower Upper

142 100

141 92.5 71.7 107.5

116 3.9 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.639 ng/ul

RT: 12.481 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Tgt Ion:216 Resp: 970766

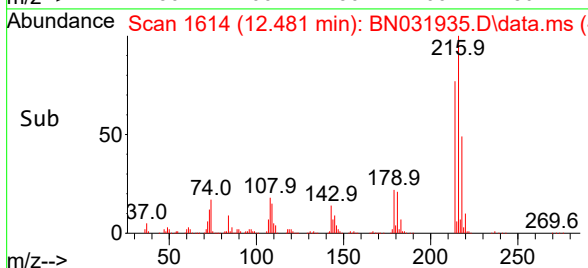
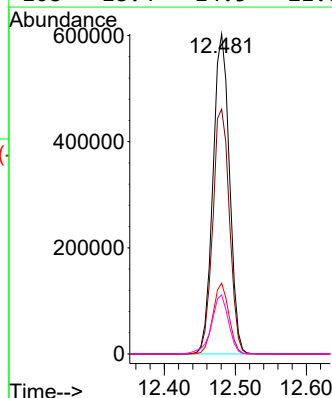
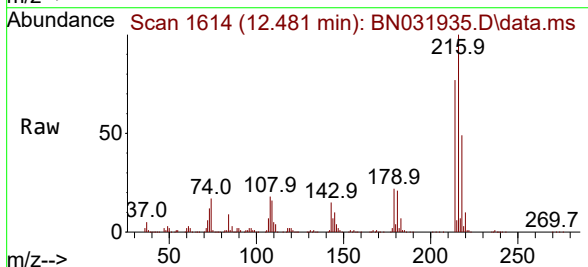
Ion Ratio Lower Upper

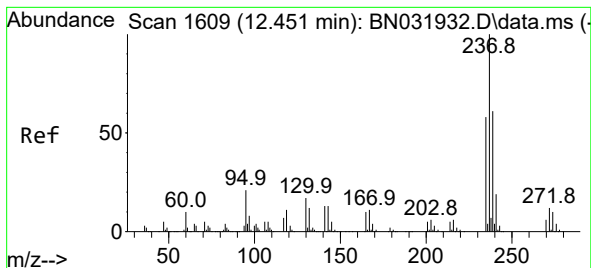
216 100

214 76.5 61.7 92.5

179 22.2 16.7 25.1

108 18.4 14.5 21.7





#40

Hexachlorocyclopentadiene

Concen: 19.188 ng/ul

RT: 12.451 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

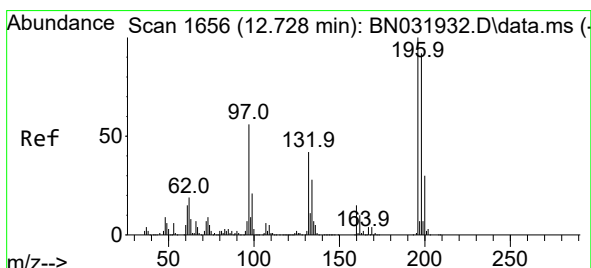
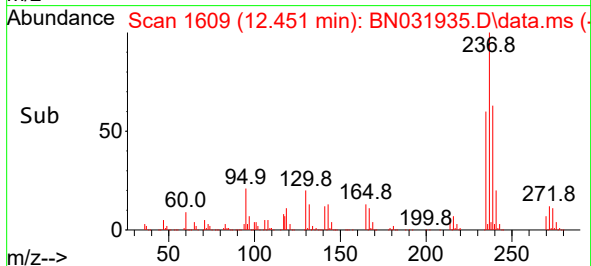
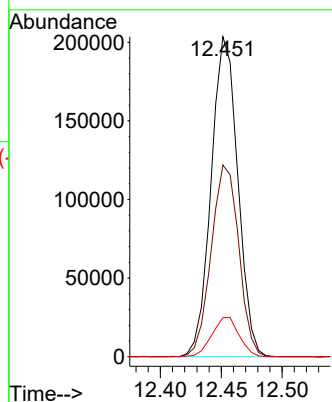
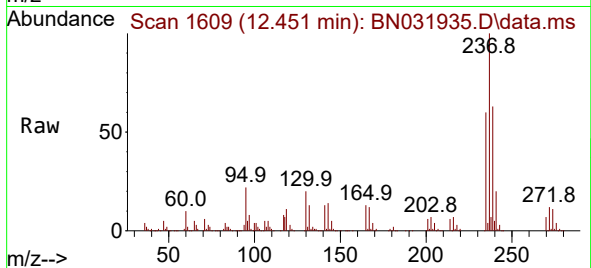
Tgt Ion:237 Resp: 309928

Ion Ratio Lower Upper

237 100

235 59.8 47.8 71.6

272 12.2 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 34.832 ng/ul

RT: 12.728 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

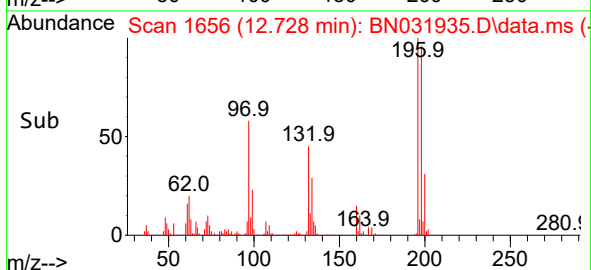
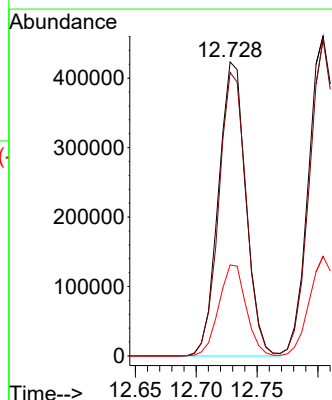
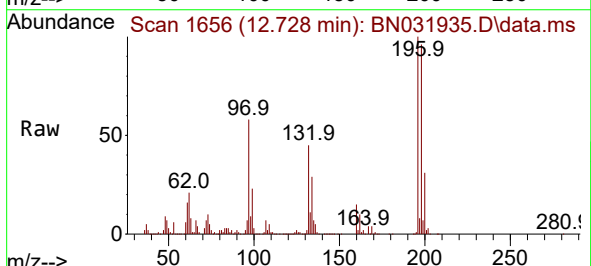
Tgt Ion:196 Resp: 662590

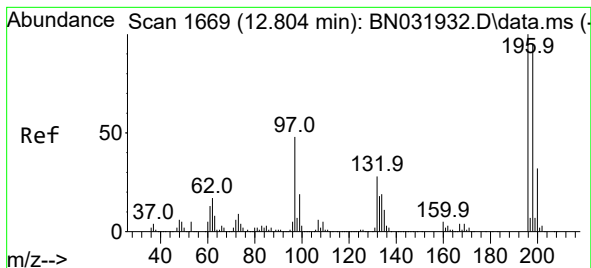
Ion Ratio Lower Upper

196 100

198 96.4 76.4 114.6

200 31.0 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 35.624 ng/ul

RT: 12.804 min Scan# 1669

Delta R.T. 0.006 min

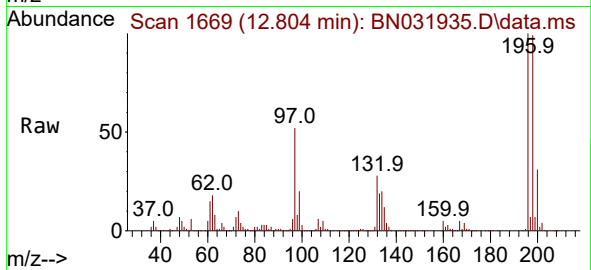
Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :



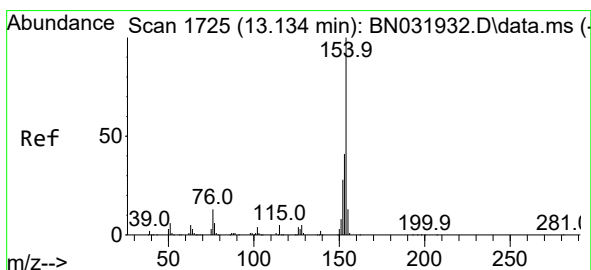
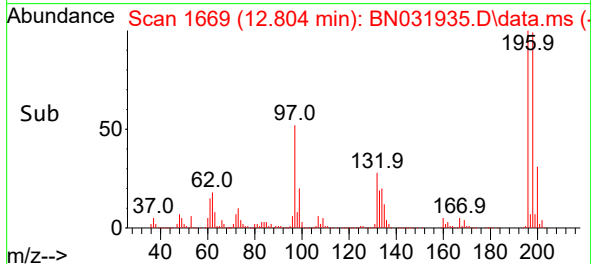
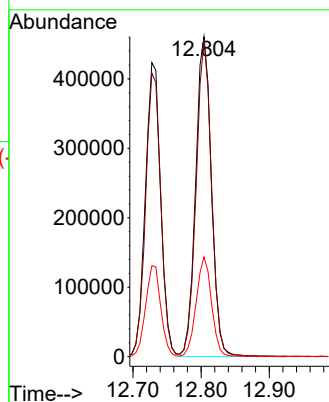
Tgt Ion:196 Resp: 736399

Ion Ratio Lower Upper

196 100

198 98.9 73.8 110.6

200 31.2 25.6 38.4



#43

1,1'-Biphenyl

Concen: 33.372 ng/ul

RT: 13.134 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

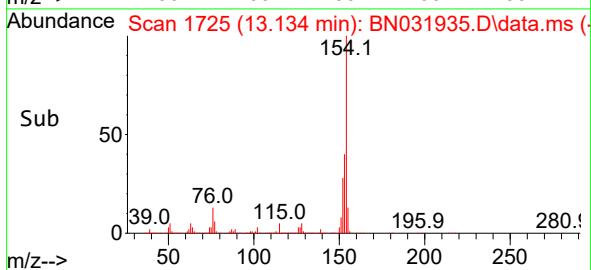
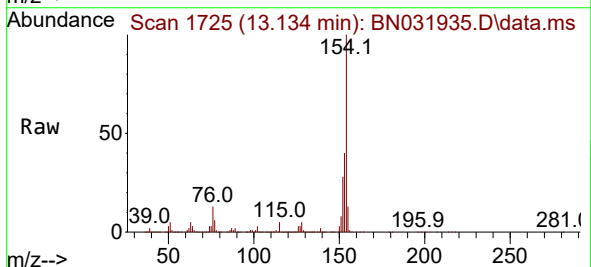
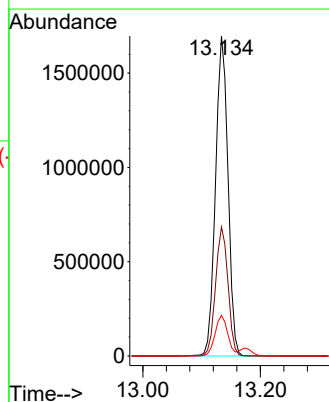
Tgt Ion:154 Resp: 2487439

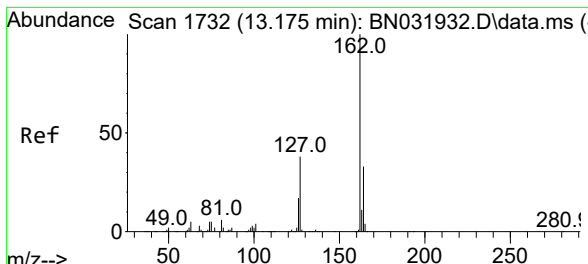
Ion Ratio Lower Upper

154 100

153 40.3 30.6 46.0

76 12.7 11.1 16.7



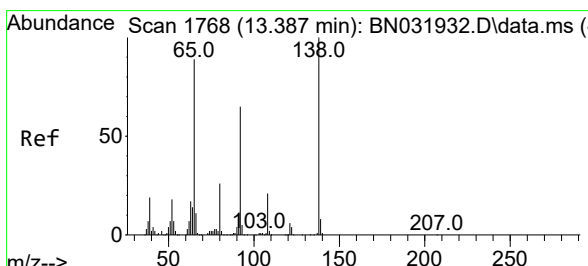
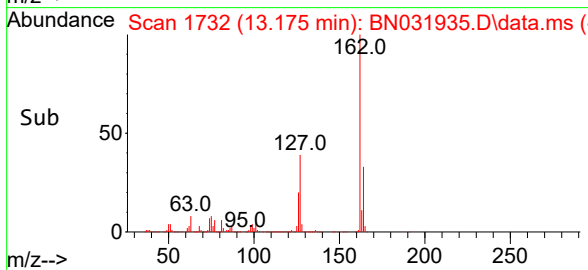
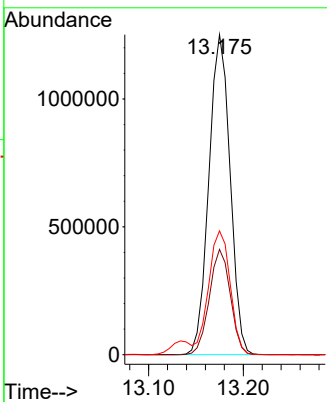
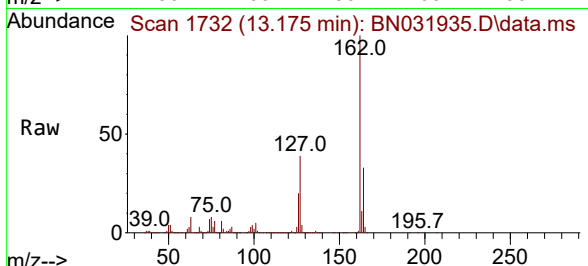


#44
 2-Chloronaphthalene
 Concen: 33.321 ng/ul
 RT: 13.175 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:162 Resp: 1945256

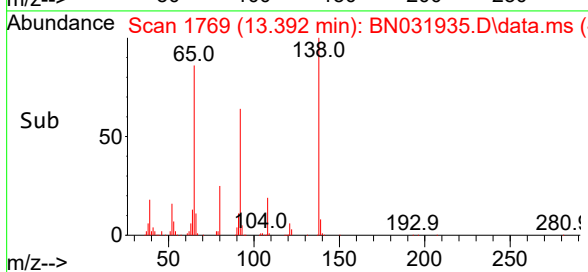
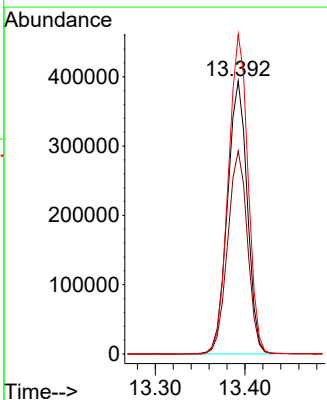
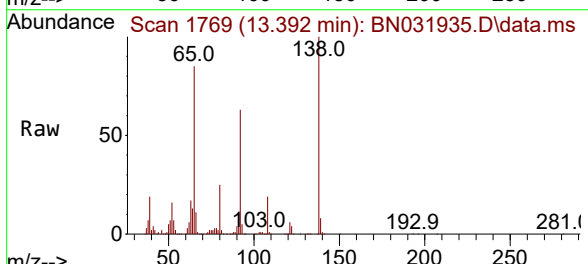
Ion	Ratio	Lower	Upper
162	100		
164	32.9	27.0	40.4
127	38.7	31.8	47.6

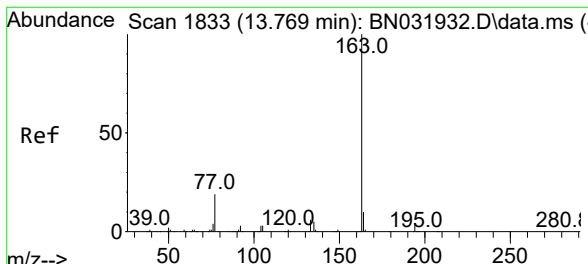


#45
 2-Nitroaniline
 Concen: 35.693 ng/ul
 RT: 13.392 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

Tgt Ion: 65 Resp: 604029

Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.8	88.2
138	117.2	86.2	129.4



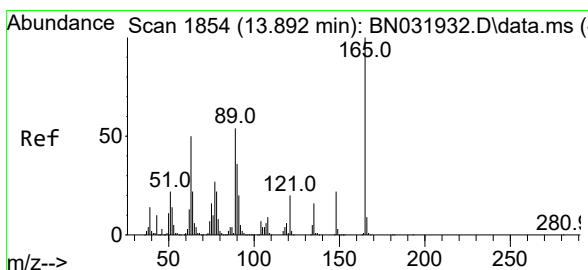
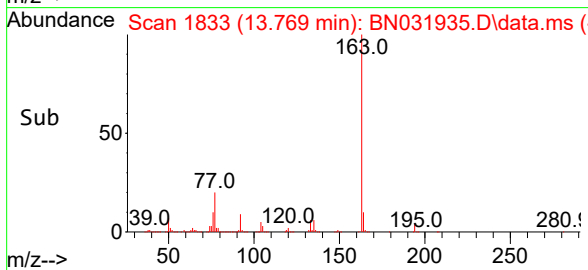
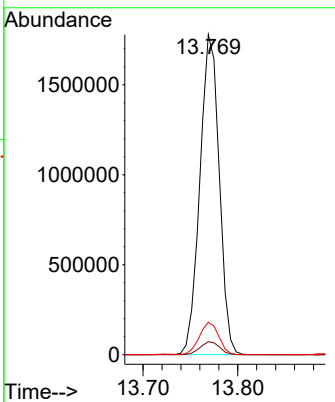
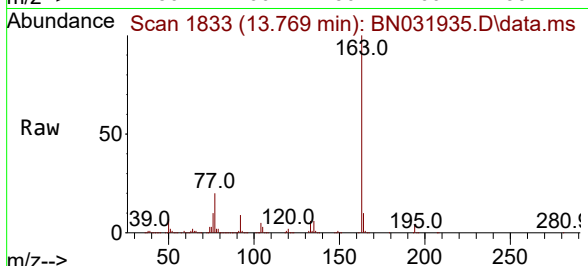


#47
 Dimethylphthalate
 Concen: 33.346 ng/ul
 RT: 13.769 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:163 Resp: 2517653

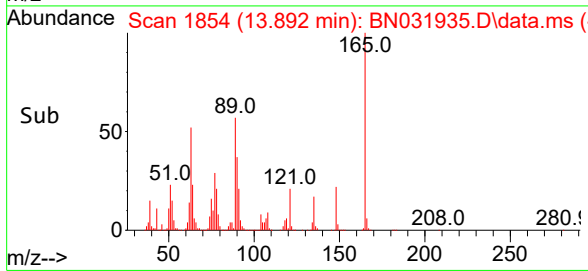
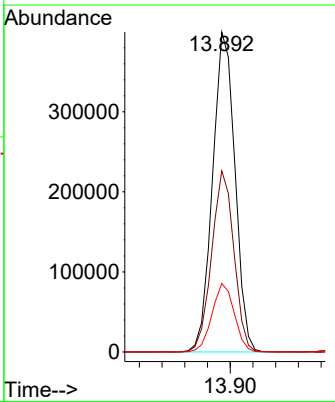
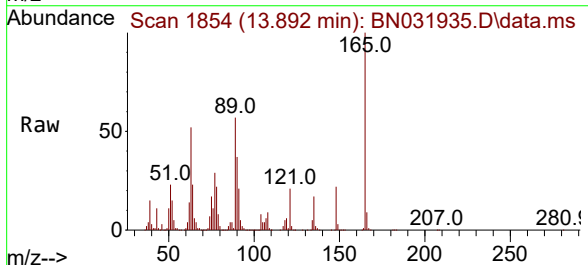
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.2	12.2

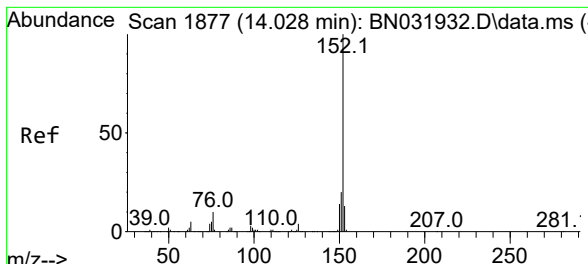


#48
 2,6-Dinitrotoluene
 Concen: 36.489 ng/ul
 RT: 13.892 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

Tgt Ion:165 Resp: 547614

Ion	Ratio	Lower	Upper
165	100		
89	56.6	44.6	67.0
121	21.4	17.3	25.9



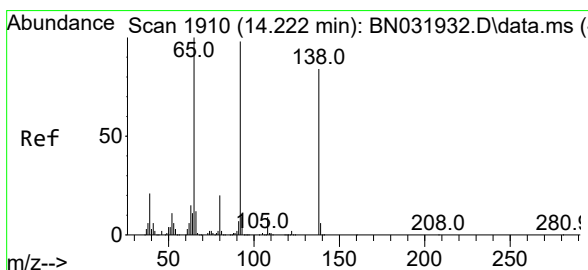
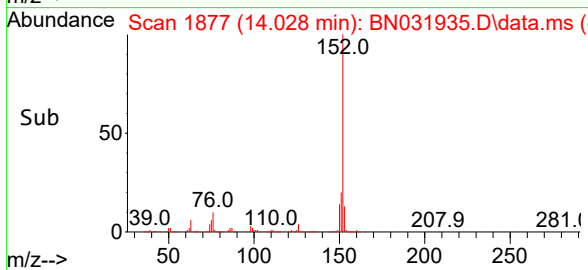
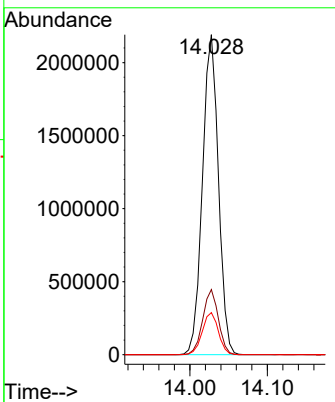
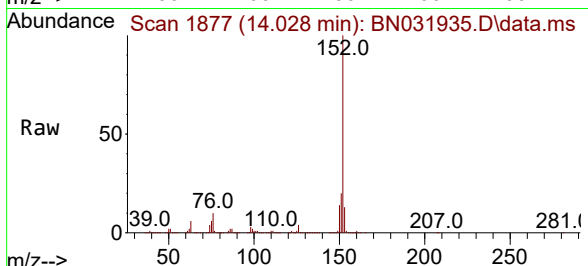


#50
 Acenaphthylene
 Concen: 32.635 ng/ul
 RT: 14.028 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 3130849

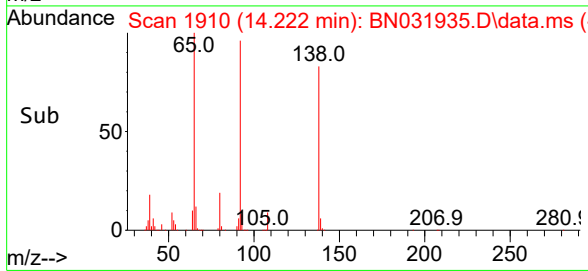
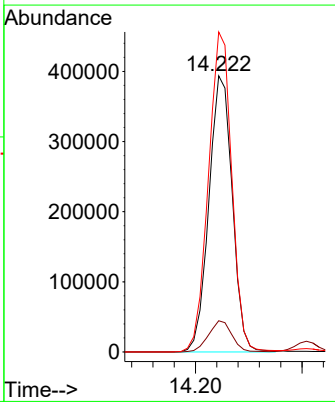
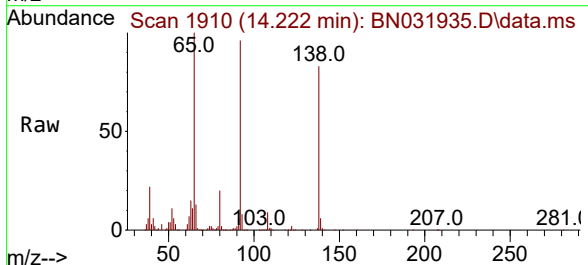
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.2	10.4	15.6

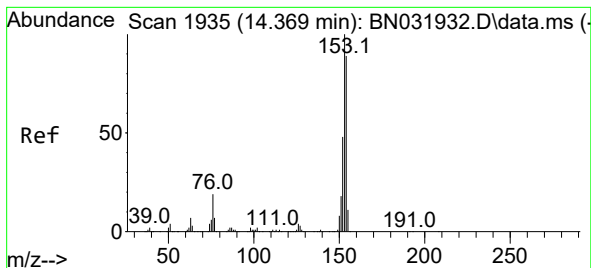


#51
 3-Nitroaniline
 Concen: 37.441 ng/ul
 RT: 14.222 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

Tgt Ion:138 Resp: 600782

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.2	13.8
92	115.9	94.0	141.0





#52

Acenaphthene

Concen: 32.330 ng/ul

RT: 14.369 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

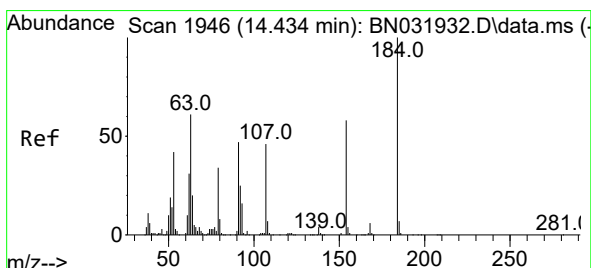
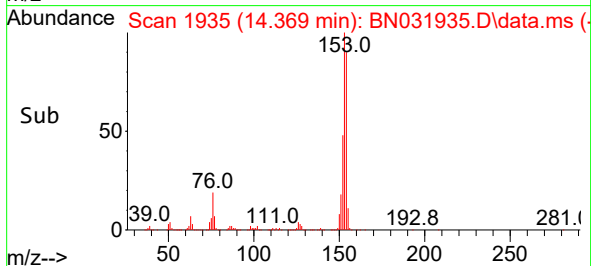
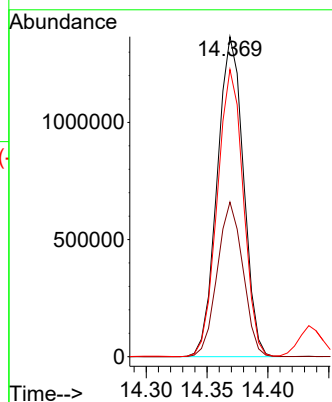
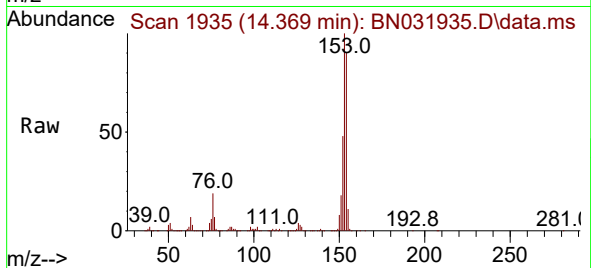
Tgt Ion:153 Resp: 2052176

Ion Ratio Lower Upper

153 100

152 48.3 37.8 56.6

154 89.7 69.8 104.8



#53

2,4-Dinitrophenol

Concen: 38.366 ng/ul

RT: 14.434 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

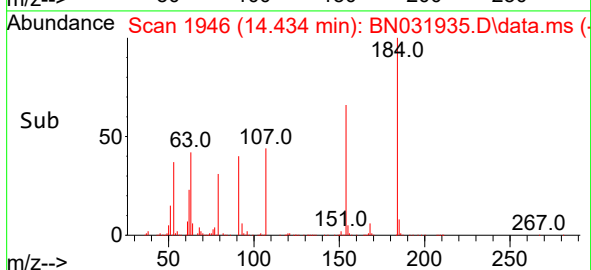
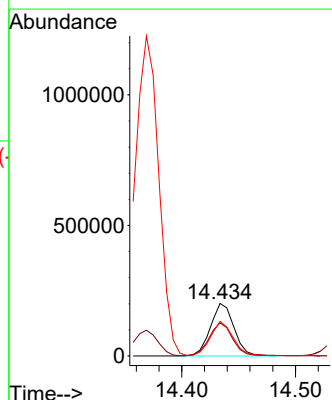
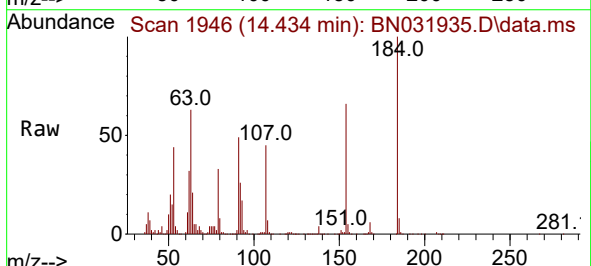
Tgt Ion:184 Resp: 290681

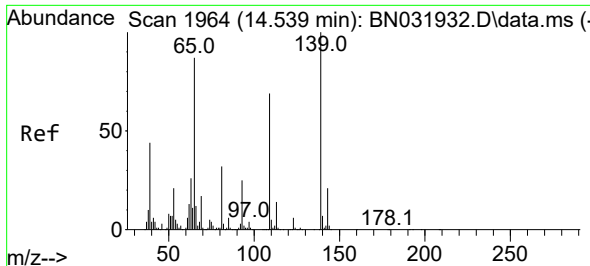
Ion Ratio Lower Upper

184 100

63 63.1 50.2 75.4

154 65.9 49.1 73.7

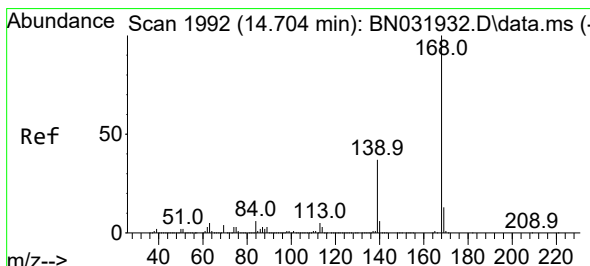
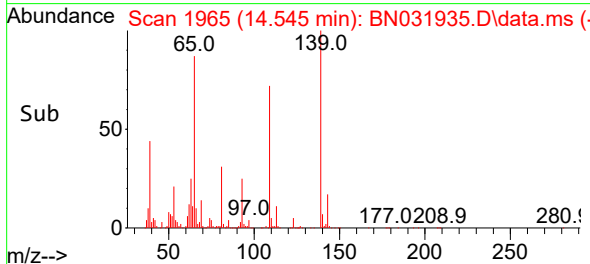
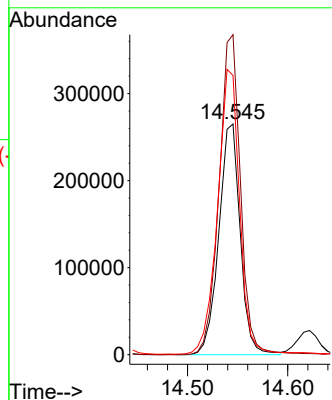
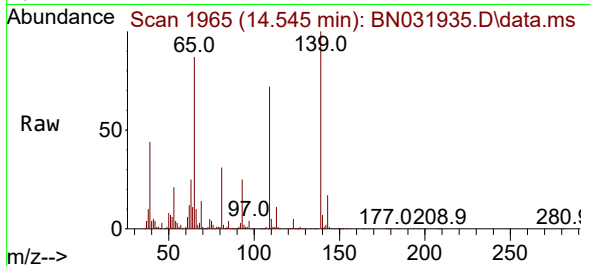




#55
4-Nitrophenol
Concen: 35.695 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

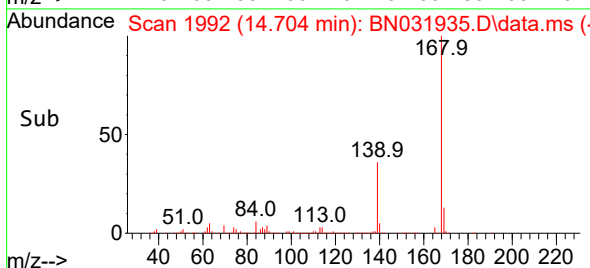
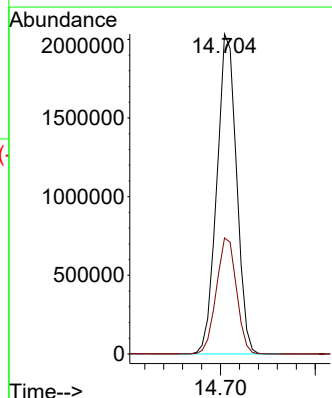
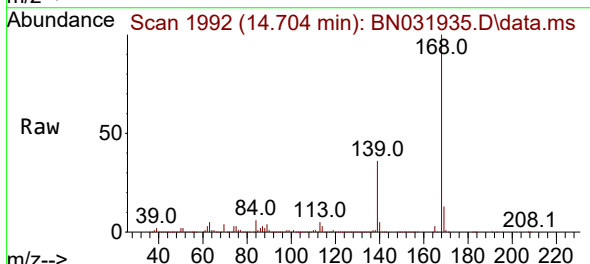
Instrument :
BNA_N
ClientSampleId :

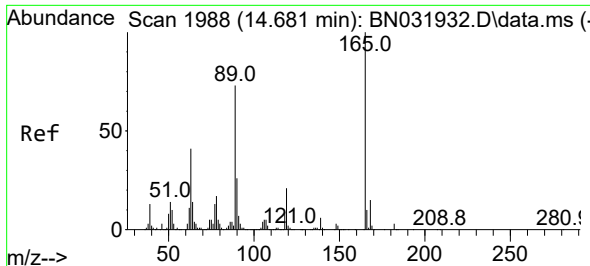
Tgt Ion:109 Resp: 391398
Ion Ratio Lower Upper
109 100
139 138.7 113.4 170.2
65 121.0 106.2 159.2



#56
Dibenzofuran
Concen: 34.100 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:168 Resp: 2940835
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0

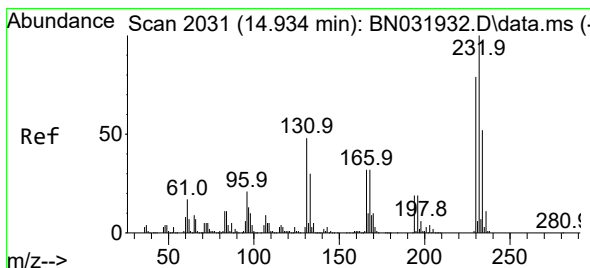
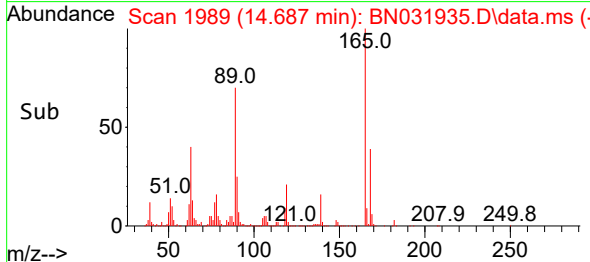
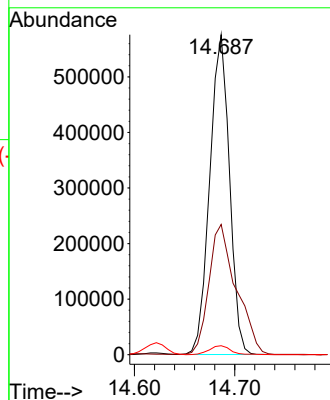
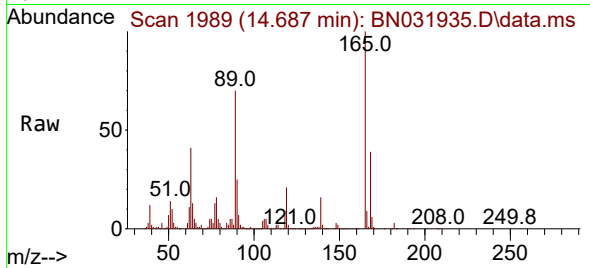




#57
2,4-Dinitrotoluene
Concen: 35.796 ng/ul
RT: 14.687 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

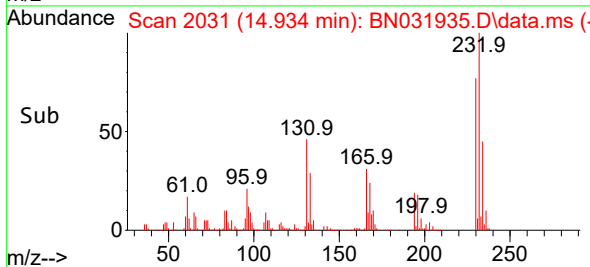
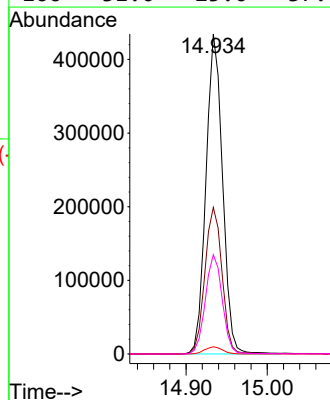
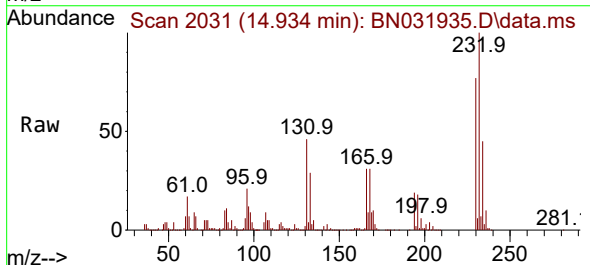
Instrument :
BNA_N
ClientSampleId :

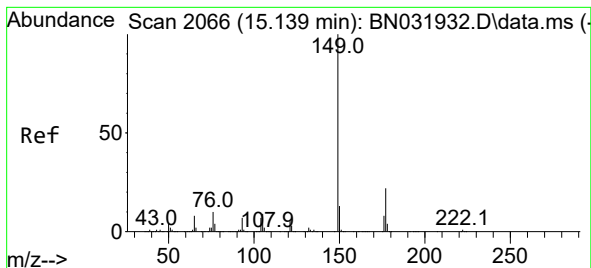
Tgt Ion:165 Resp: 788271
Ion Ratio Lower Upper
165 100
63 40.7 32.2 48.2
182 2.8 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.592 ng/ul
RT: 14.934 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:232 Resp: 615420
Ion Ratio Lower Upper
232 100
131 45.8 36.6 55.0
130 2.3 1.8 2.8
166 31.0 25.0 37.4





#59

Diethylphthalate

Concen: 32.429 ng/ul

RT: 15.139 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

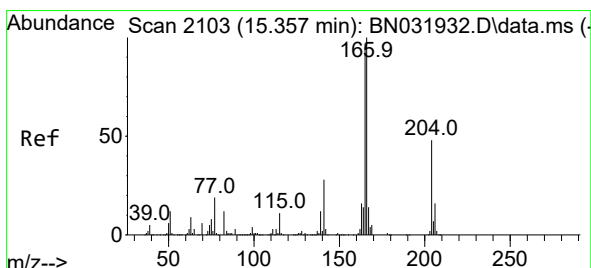
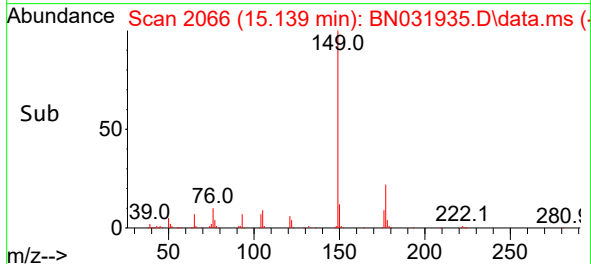
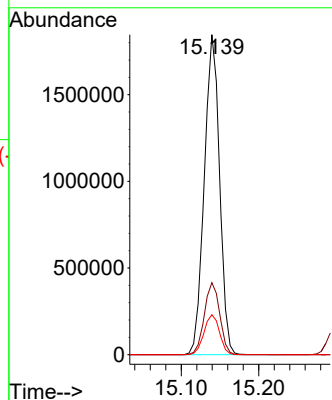
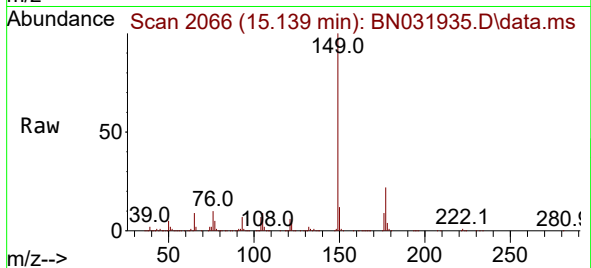
Tgt Ion:149 Resp: 2526505

Ion Ratio Lower Upper

149 100

177 22.5 17.1 25.7

150 12.5 10.0 15.0



#61

Fluorene

Concen: 33.115 ng/ul

RT: 15.357 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

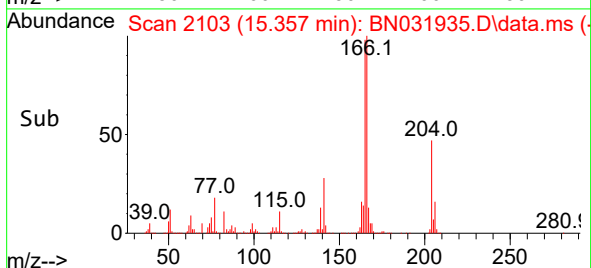
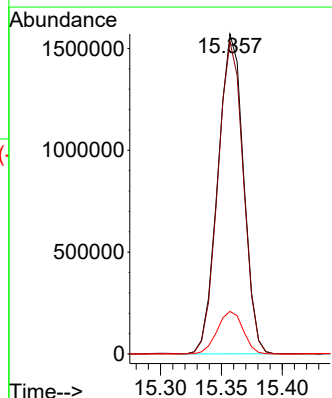
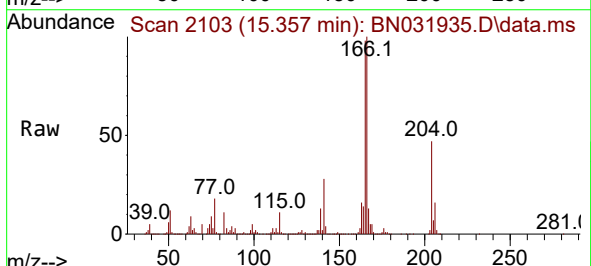
Tgt Ion:166 Resp: 2299754

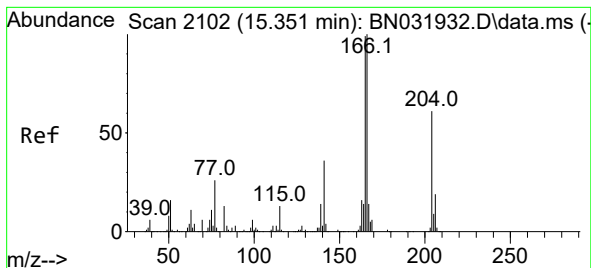
Ion Ratio Lower Upper

166 100

165 97.6 80.3 120.5

167 13.3 11.3 16.9

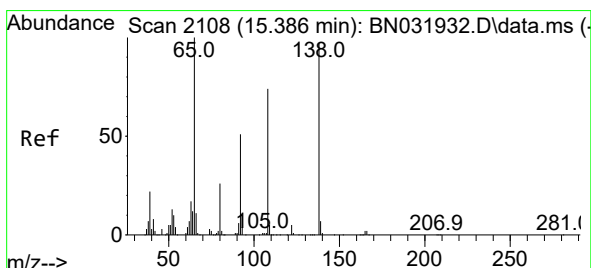
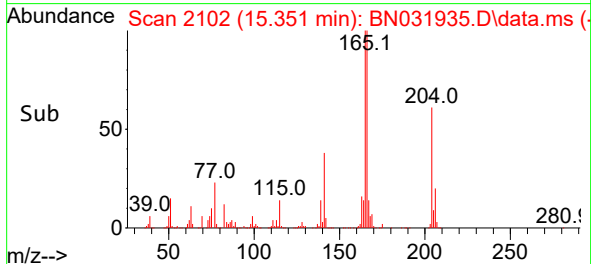
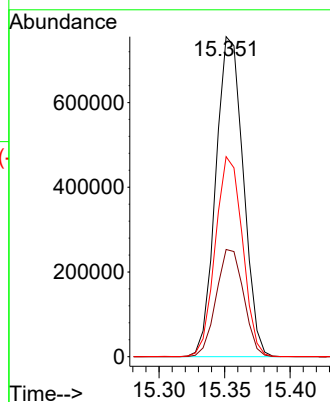
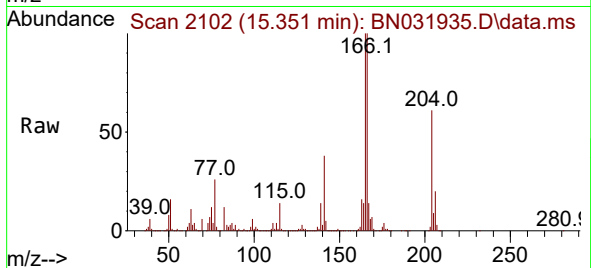




#62
4-Chlorophenyl-phenylether
Concen: 32.740 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

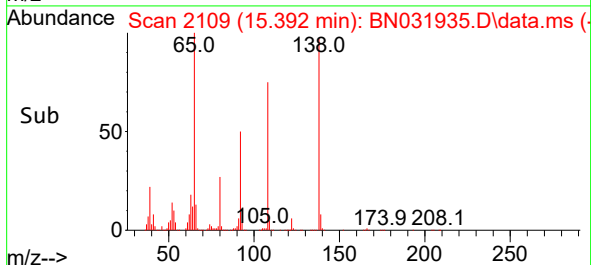
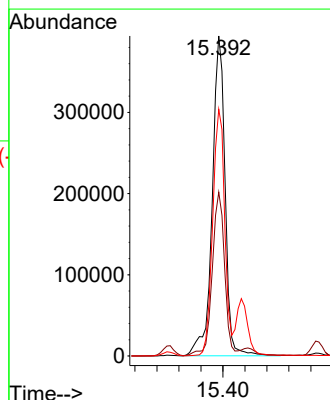
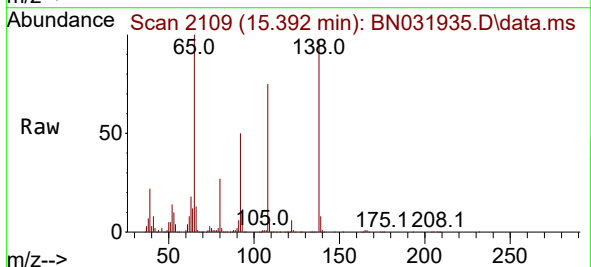
Instrument :
BNA_N
ClientSampleId :

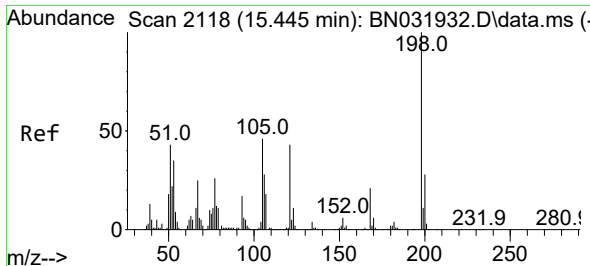
Tgt Ion:204 Resp: 1101291
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 62.5 47.7 71.5



#63
4-Nitroaniline
Concen: 42.052 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:138 Resp: 642357
Ion Ratio Lower Upper
138 100
92 51.2 41.0 61.4
108 77.1 60.1 90.1

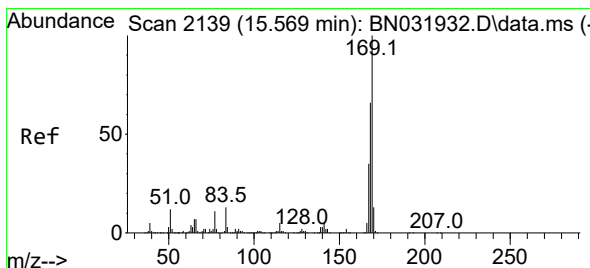
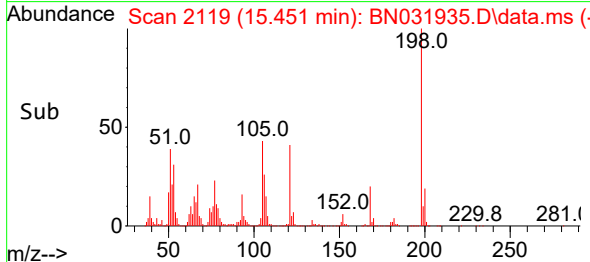
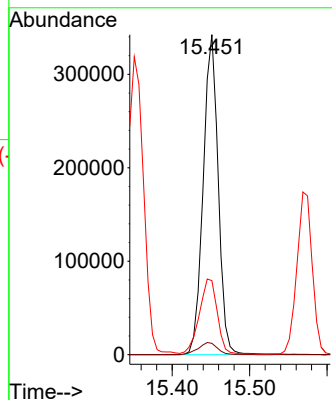
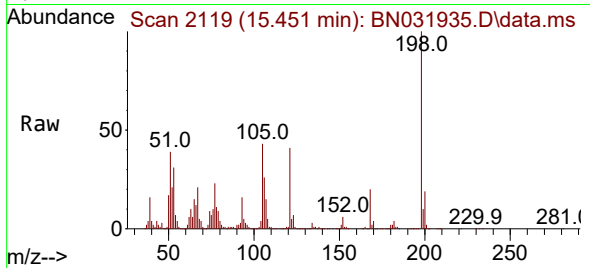




#66
4,6-Dinitro-2-methylphenol
Concen: 39.451 ng/ul
RT: 15.451 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

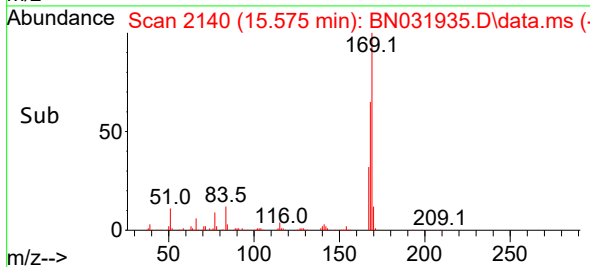
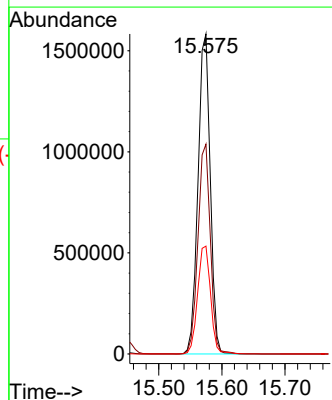
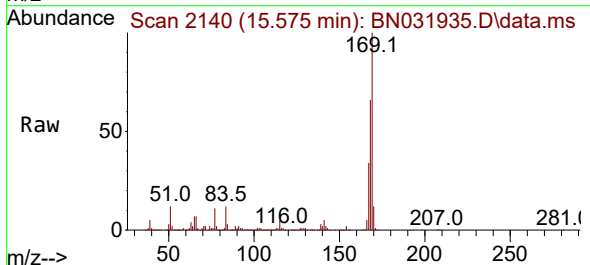
Instrument :
BNA_N
ClientSampleId :

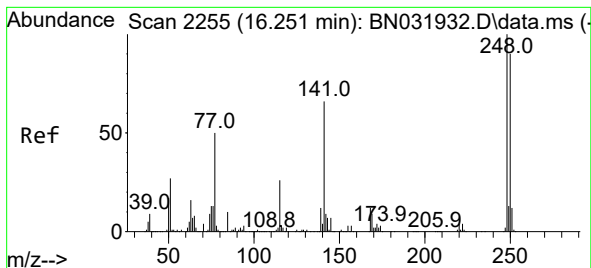
Tgt Ion:198 Resp: 460534
Ion Ratio Lower Upper
198 100
182 3.6 3.0 4.6
77 23.2 19.4 29.2



#67
N-Nitrosodiphenylamine
Concen: 35.212 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:169 Resp: 2120417
Ion Ratio Lower Upper
169 100
168 65.6 52.7 79.1
167 33.7 29.6 44.4

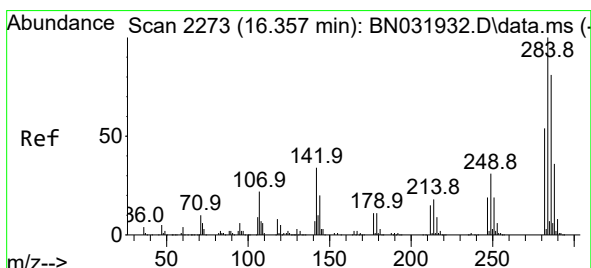
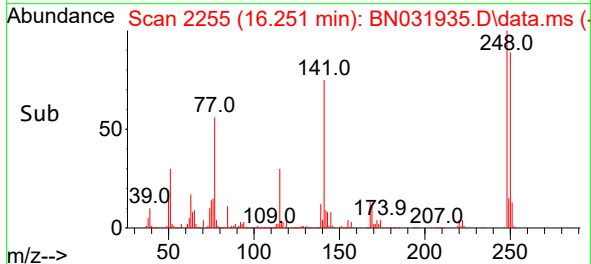
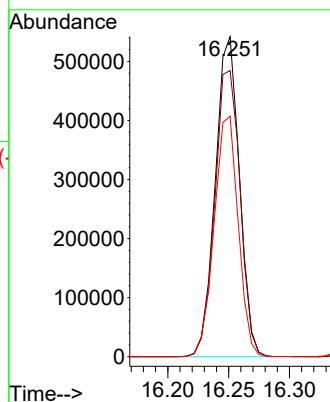
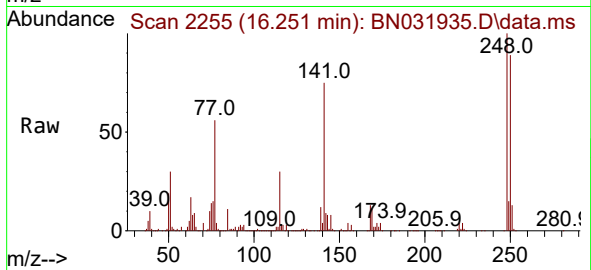




#68
4-Bromophenyl-phenylether
Concen: 35.155 ng/ul
RT: 16.251 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

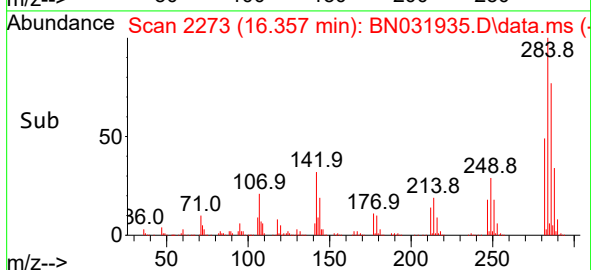
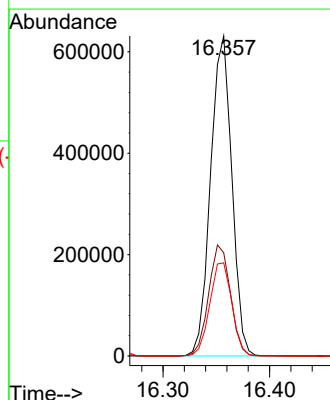
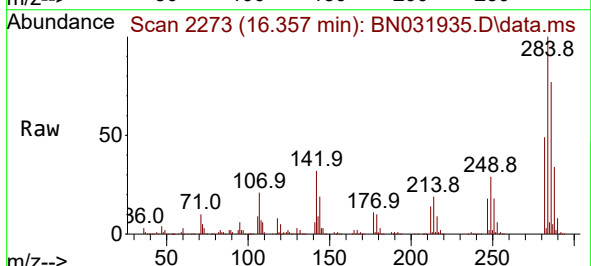
Instrument :
BNA_N
ClientSampleId :

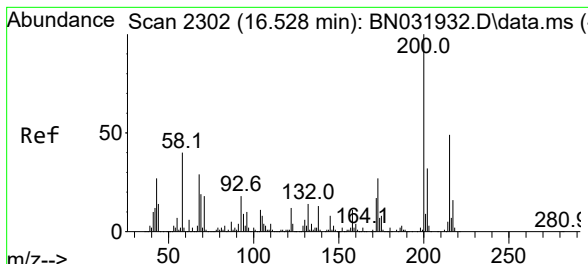
Tgt Ion:248 Resp: 744147
Ion Ratio Lower Upper
248 100
250 89.4 76.5 114.7
141 75.2 63.9 95.9



#69
Hexachlorobenzene
Concen: 36.499 ng/ul
RT: 16.357 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:284 Resp: 875632
Ion Ratio Lower Upper
284 100
142 32.2 31.1 46.7
249 29.1 25.7 38.5

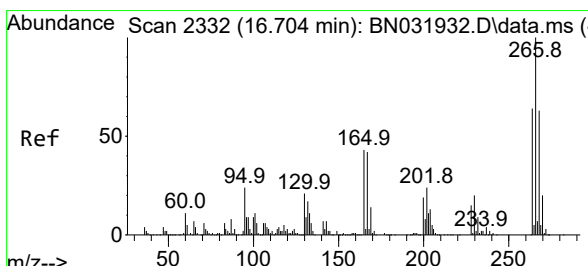
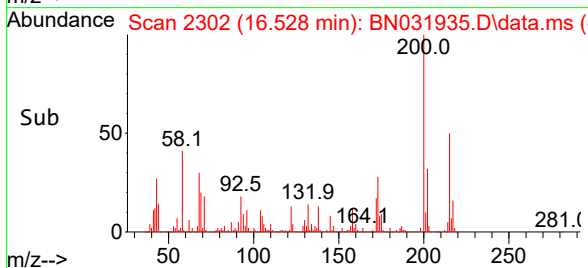
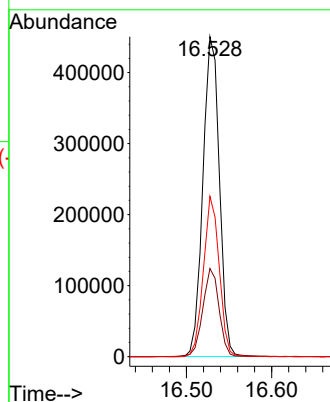
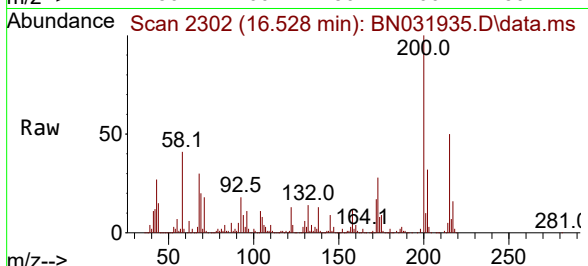




#70
 Atrazine
 Concen: 31.861 ng/ul
 RT: 16.528 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

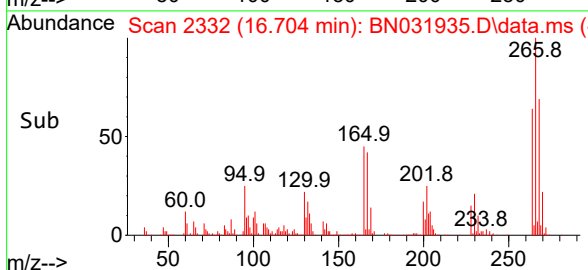
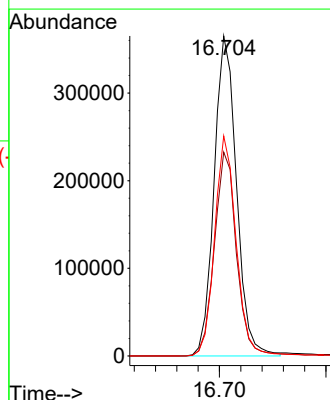
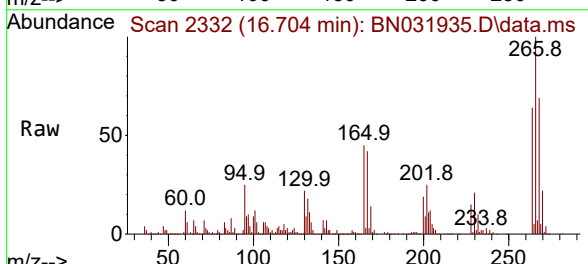
Instrument :
 BNA_N
 ClientSampleId :

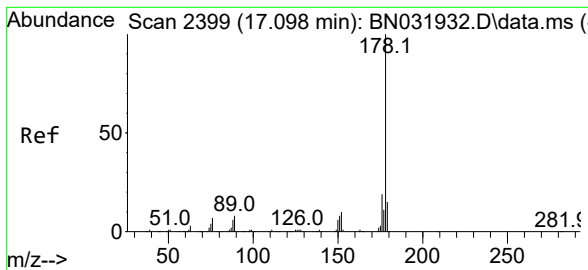
Tgt Ion:200 Resp: 605778
 Ion Ratio Lower Upper
 200 100
 173 27.6 21.2 31.8
 215 50.1 38.9 58.3



#71
 Pentachlorophenol
 Concen: 34.619 ng/ul
 RT: 16.704 min Scan# 2332
 Delta R.T. 0.000 min
 Lab File: BN031935.D
 Acq: 12 Jun 2024 10:48

Tgt Ion:266 Resp: 531382
 Ion Ratio Lower Upper
 266 100
 264 63.7 54.7 82.1
 268 68.8 53.4 80.2

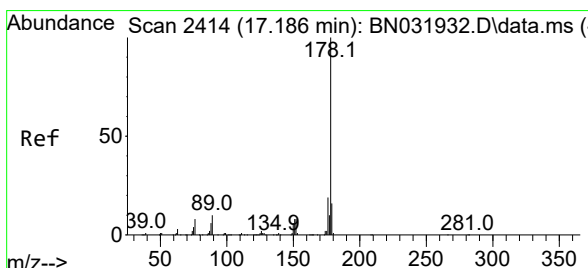
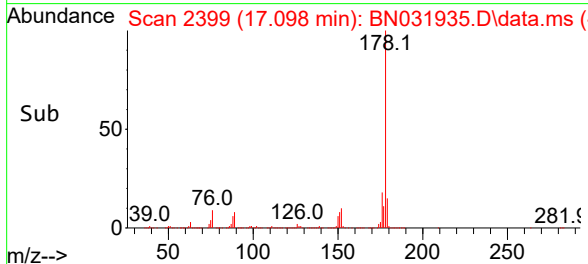
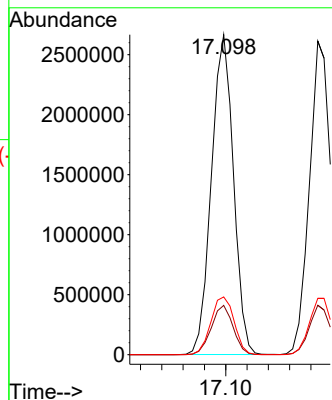
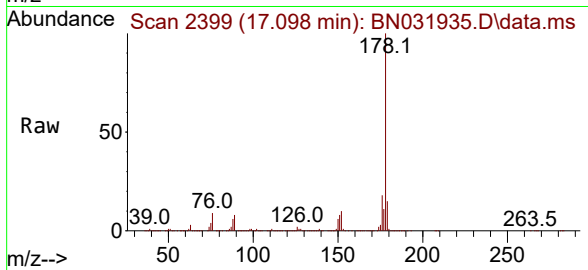




#72
Phenanthrene
Concen: 34.407 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

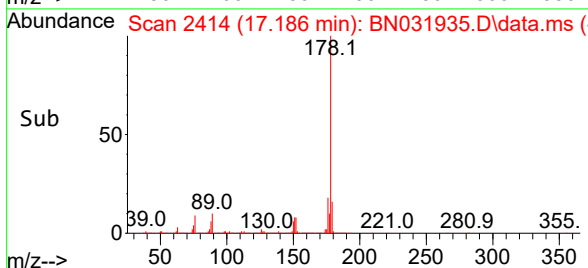
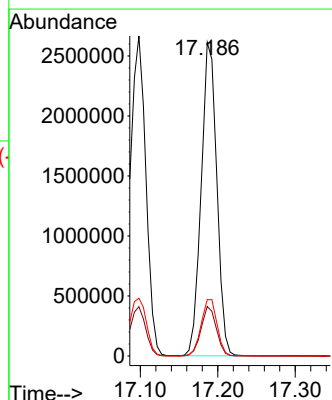
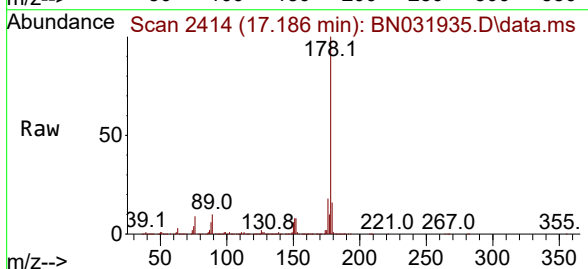
Instrument :
BNA_N
ClientSampleId :

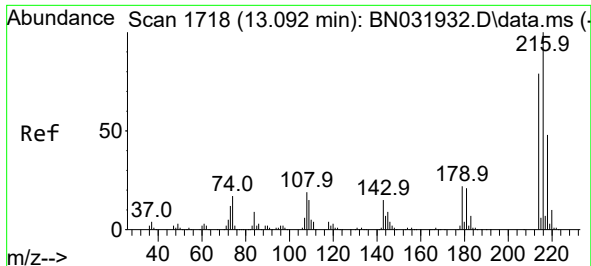
Tgt Ion:178 Resp: 3829175
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 18.0 15.8 23.6



#74
Anthracene
Concen: 32.458 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:178 Resp: 3660187
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.6
176 18.0 14.8 22.2

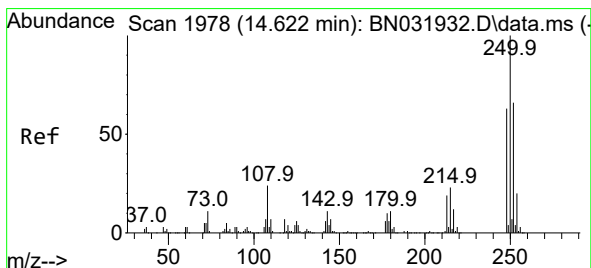
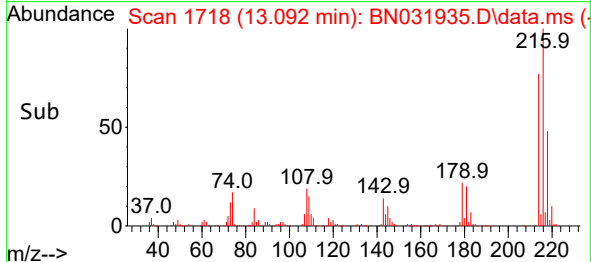
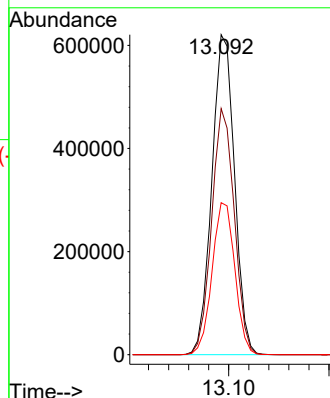
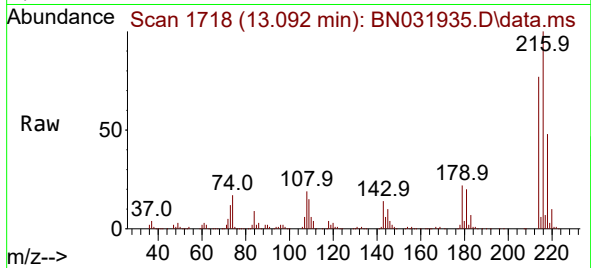




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.638 ng/uL
RT: 13.092 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

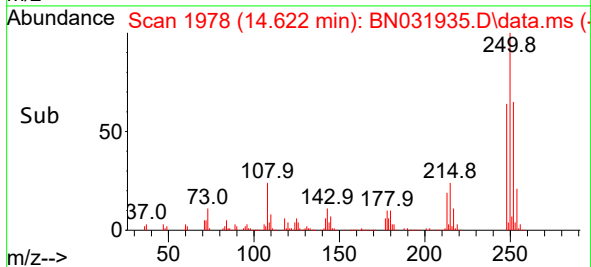
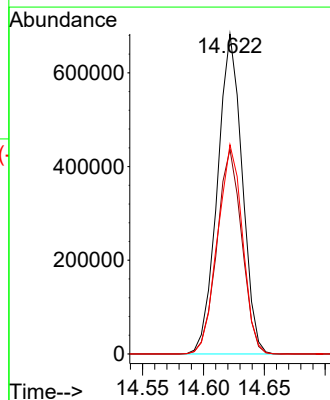
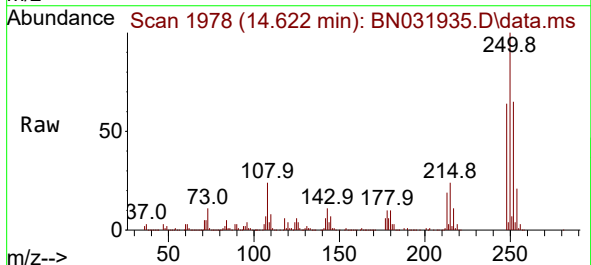
Instrument :
BNA_N
ClientSampleId :

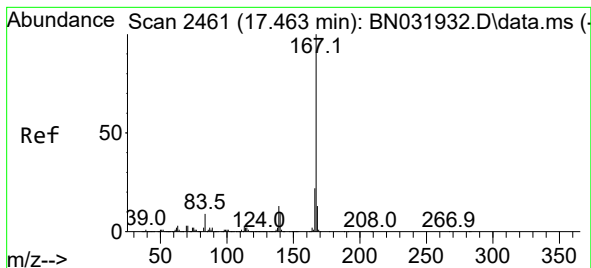
Tgt Ion:216 Resp: 973991
Ion Ratio Lower Upper
216 100
214 76.9 62.1 93.1
218 47.5 40.2 60.4



#76
Pentachlorobenzene
Concen: 35.243 ng/uL
RT: 14.622 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:250 Resp: 965256
Ion Ratio Lower Upper
250 100
248 63.9 49.8 74.6
252 65.4 52.3 78.5





#77

Carbazole

Concen: 37.531 ng/ul

RT: 17.463 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

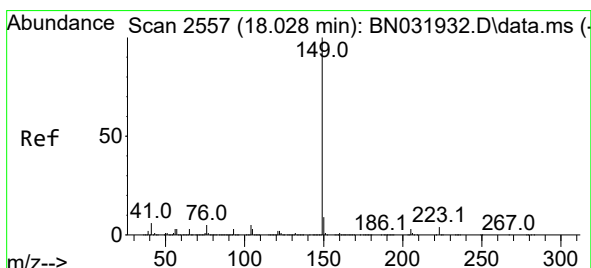
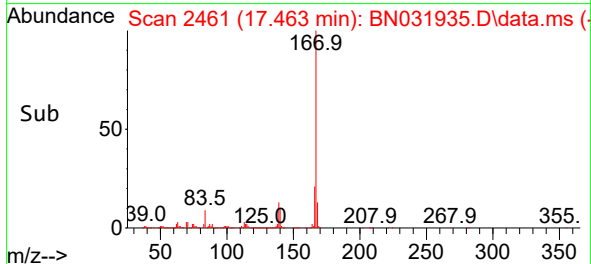
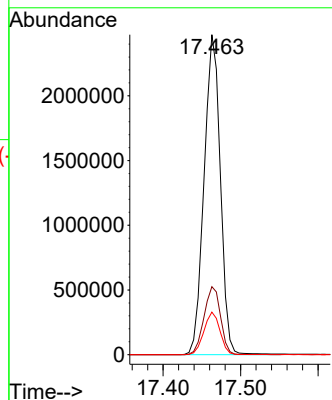
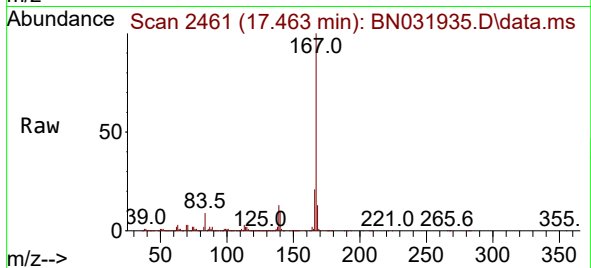
Instrument :

BNA_N

ClientSampleId :

Tgt Ion:167 Resp: 3608764

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.9	26.9
139	13.3	10.5	15.7



#78

Di-n-butylphthalate

Concen: 34.989 ng/ul

RT: 18.028 min Scan# 2557

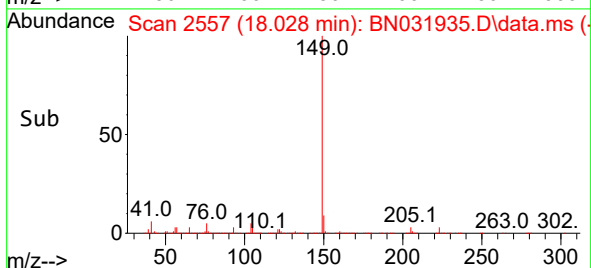
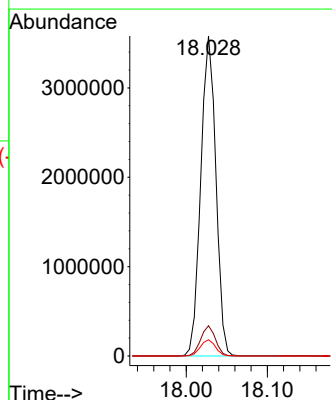
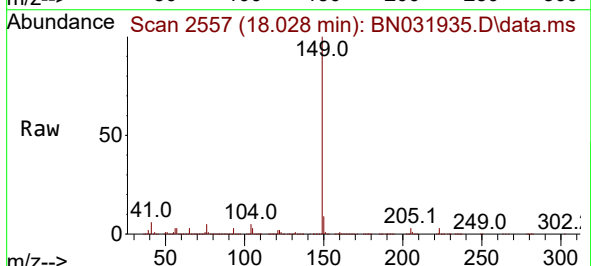
Delta R.T. 0.000 min

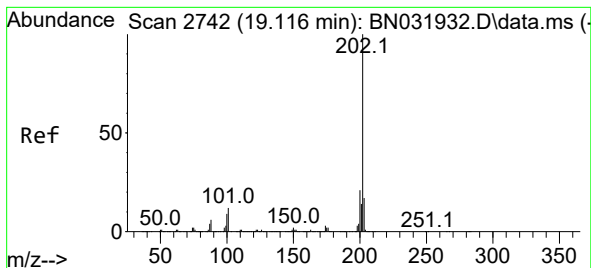
Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Tgt Ion:149 Resp: 4628635

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	4.1	6.1

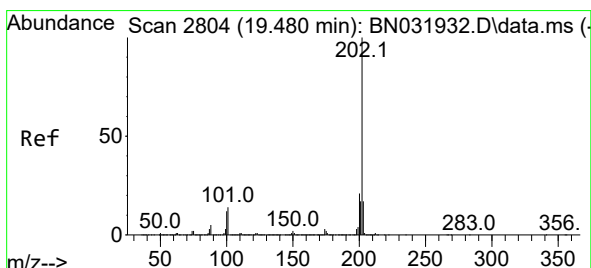
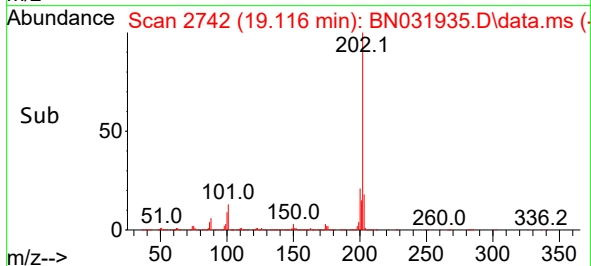
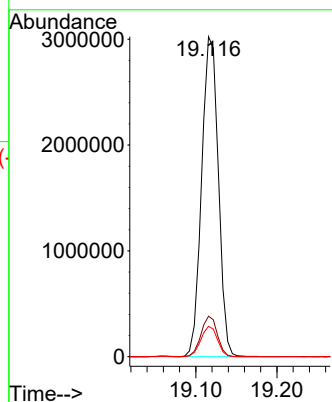
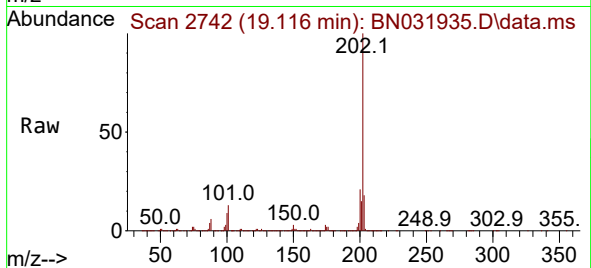




#80
Fluoranthene
Concen: 42.551 ng/ul
RT: 19.116 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

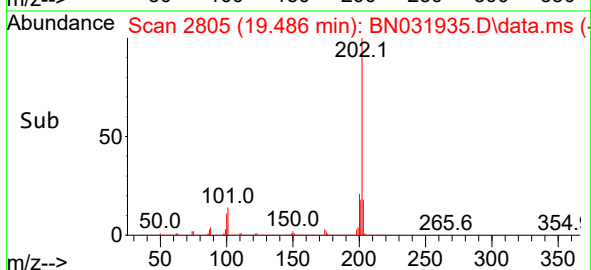
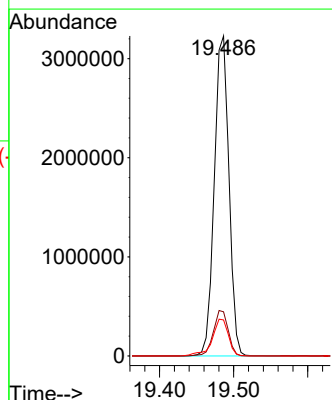
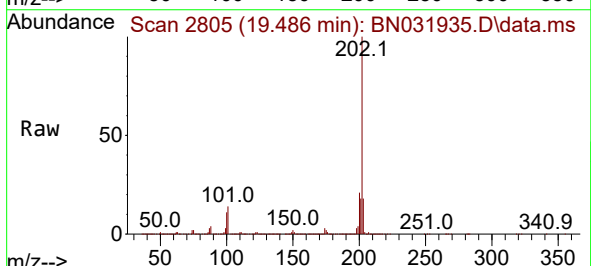
Instrument :
BNA_N
ClientSampleId :

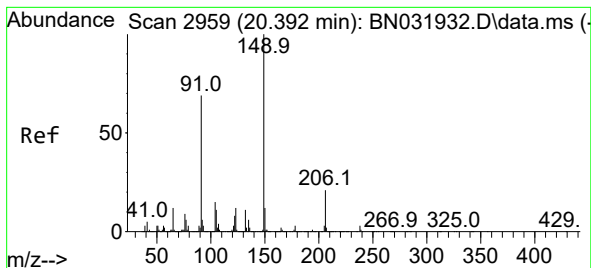
Tgt Ion:202 Resp: 4317663
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.5 8.0 12.0



#82
Pyrene
Concen: 42.434 ng/ul
RT: 19.486 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:202 Resp: 4417696
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 11.2 10.2 15.2





#83

Butylbenzylphthalate

Concen: 42.420 ng/ul

RT: 20.392 min Scan# 2959

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

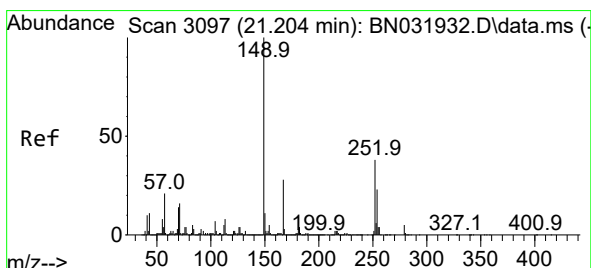
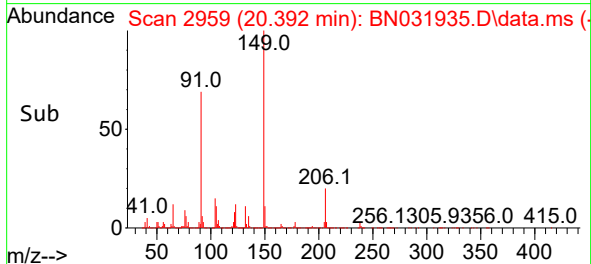
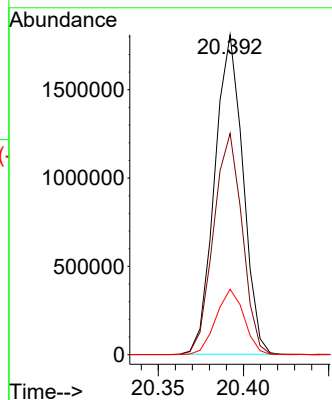
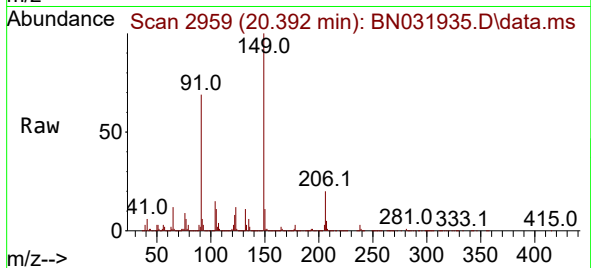
Tgt Ion:149 Resp: 2085840

Ion Ratio Lower Upper

149 100

91 69.1 61.0 91.4

206 20.4 16.5 24.7



#84

3,3'-Dichlorobenzidine

Concen: 38.112 ng/ul

RT: 21.204 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

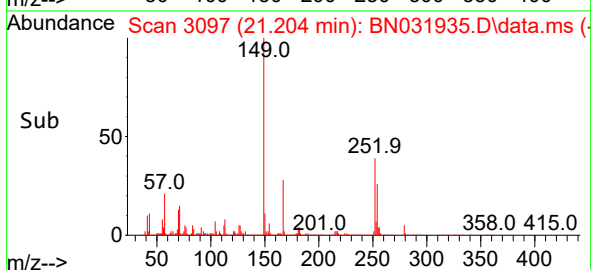
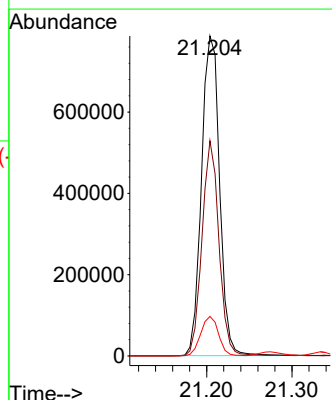
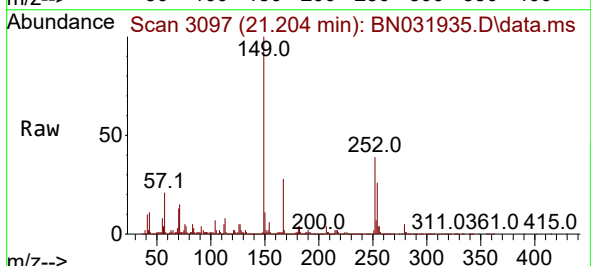
Tgt Ion:252 Resp: 1159603

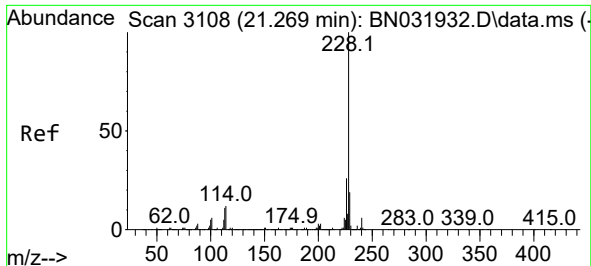
Ion Ratio Lower Upper

252 100

254 67.3 53.6 80.4

126 12.4 10.2 15.4

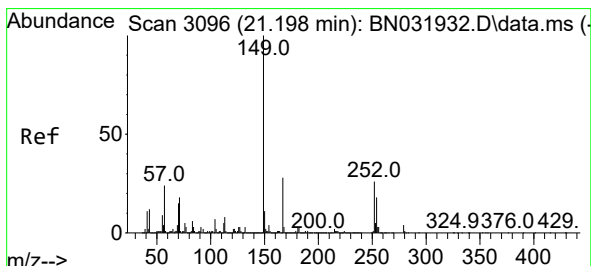
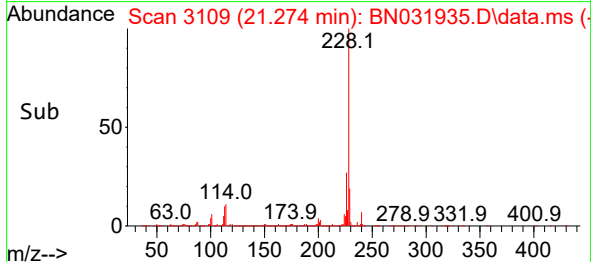
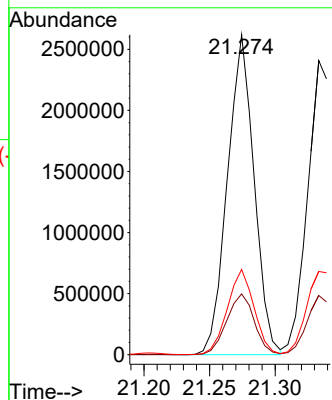
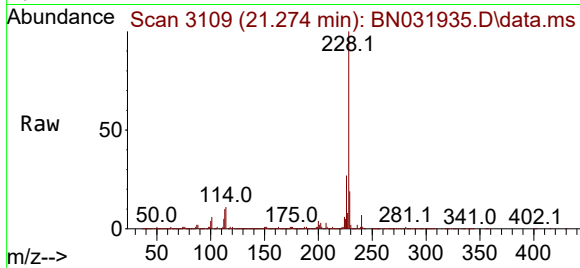




#85
Benzo(a)anthracene
Concen: 34.917 ng/ul
RT: 21.274 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

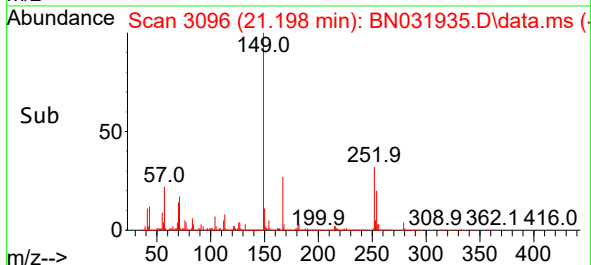
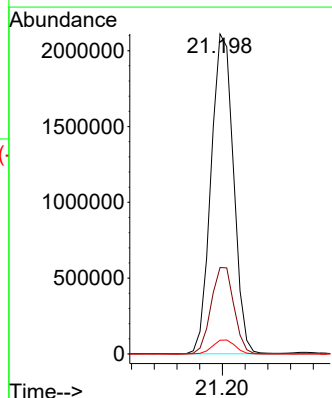
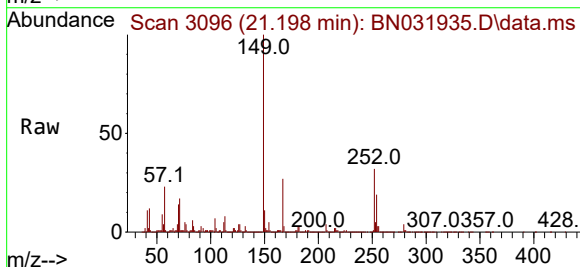
Instrument :
BNA_N
ClientSampleId :

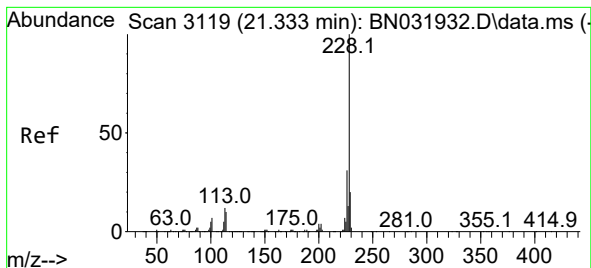
Tgt Ion:228 Resp: 3708215
Ion Ratio Lower Upper
228 100
229 19.0 16.7 25.1
226 26.6 22.8 34.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 40.395 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031935.D
Acq: 12 Jun 2024 10:48

Tgt Ion:149 Resp: 2895410
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.3 3.3 4.9





#87

Chrysene

Concen: 34.222 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

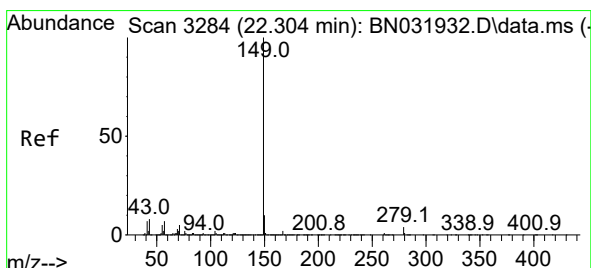
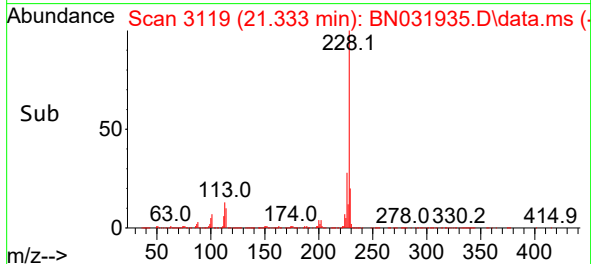
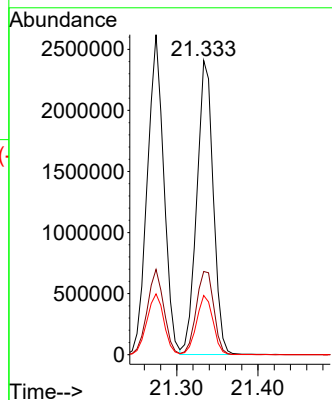
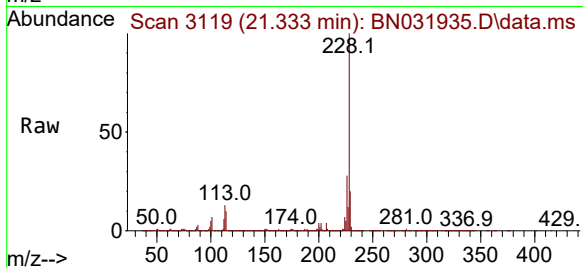
Tgt Ion:228 Resp: 3394786

Ion Ratio Lower Upper

228 100

226 28.3 23.7 35.5

229 20.1 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 48.504 ng/ul

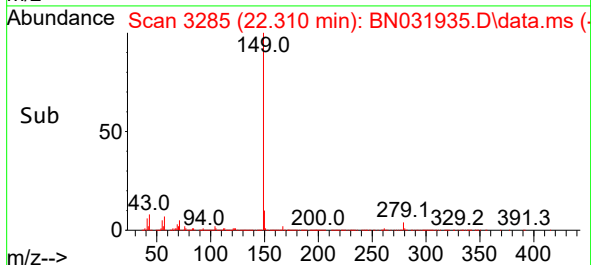
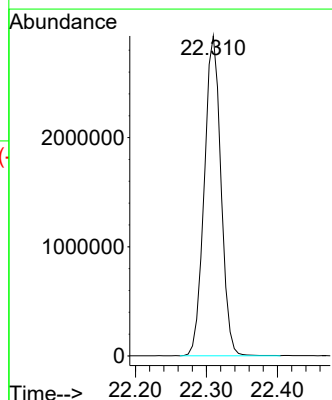
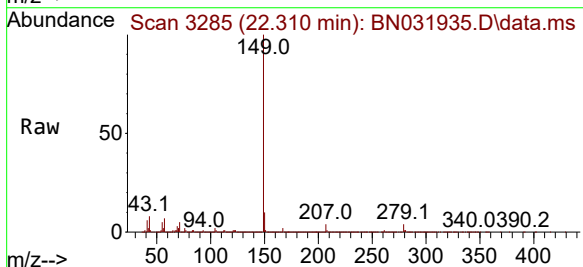
RT: 22.310 min Scan# 3285

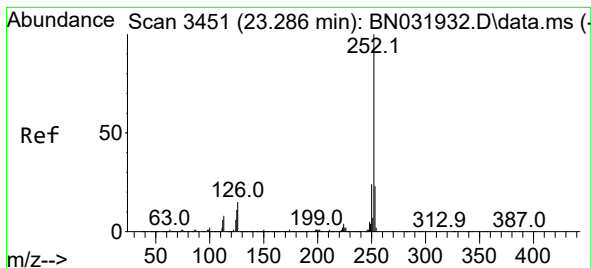
Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Tgt Ion:149 Resp: 4773899





#90

Benzo(b)fluoranthene

Concen: 35.946 ng/ul

RT: 23.292 min Scan# 3451

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

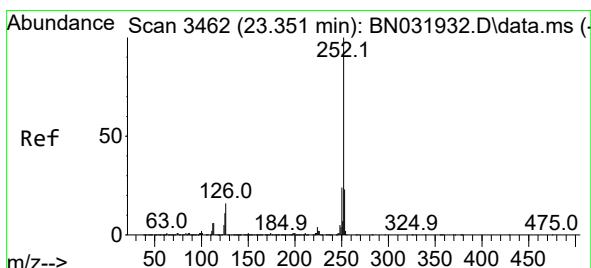
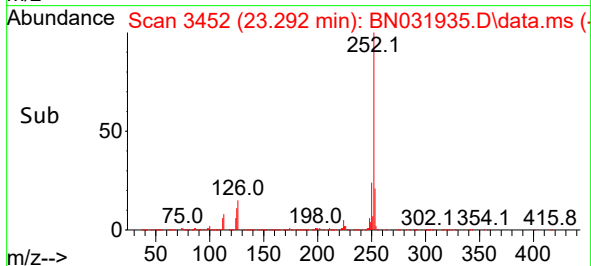
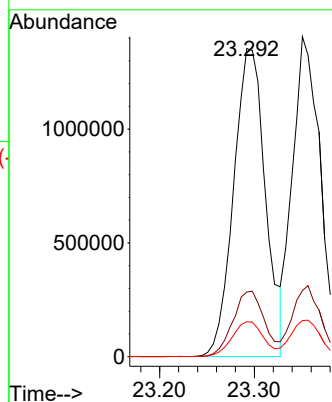
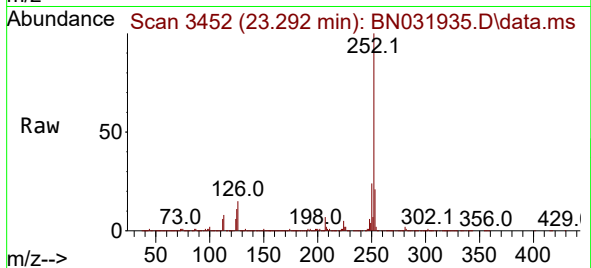
Tgt Ion:252 Resp: 3158708

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

125 11.3 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 33.200 ng/ul

RT: 23.351 min Scan# 3462

Delta R.T. 0.000 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

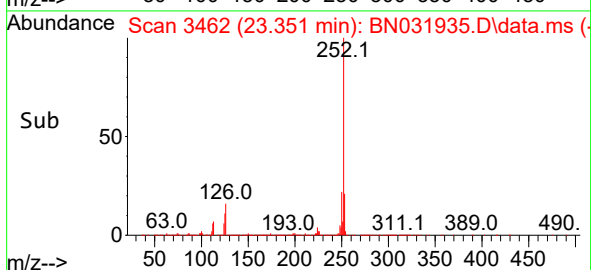
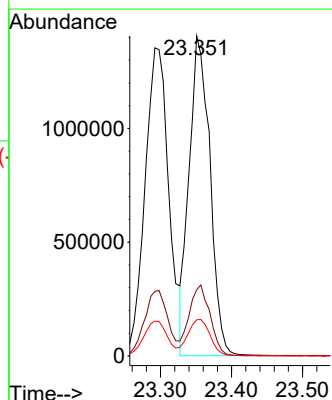
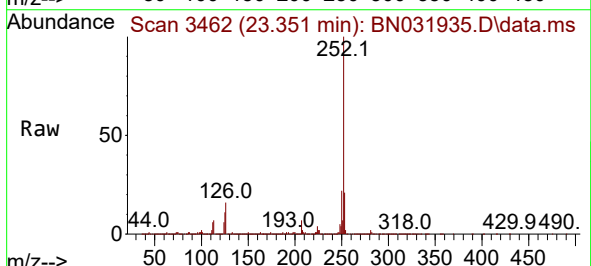
Tgt Ion:252 Resp: 2862727

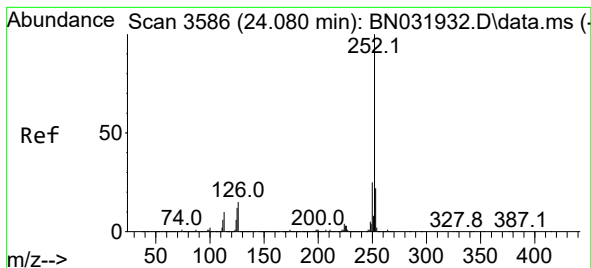
Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

125 11.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 30.142 ng/ul

RT: 24.086 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :

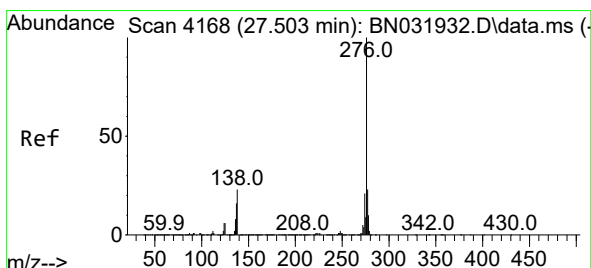
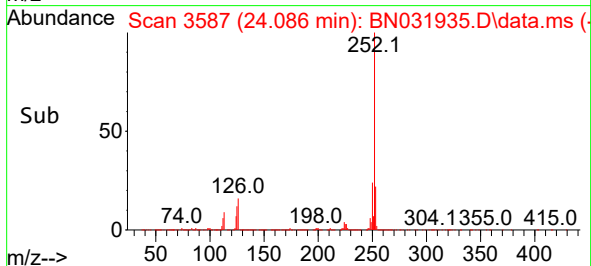
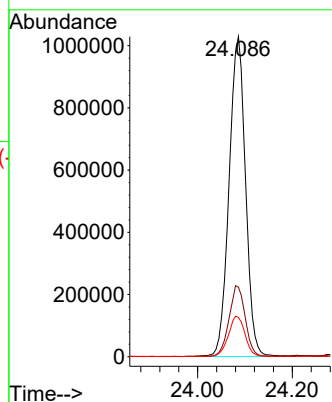
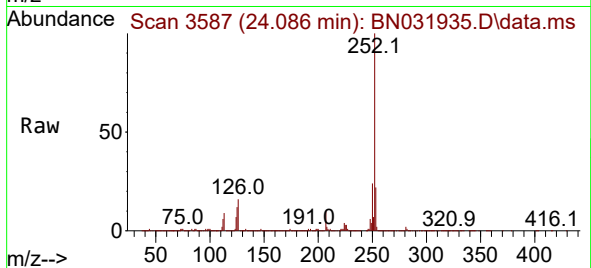
Tgt Ion:252 Resp: 2480684

Ion Ratio Lower Upper

252 100

253 21.7 16.6 24.8

125 12.3 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.390 ng/ul

RT: 27.521 min Scan# 4171

Delta R.T. 0.006 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

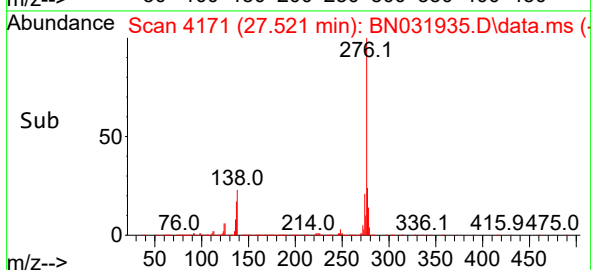
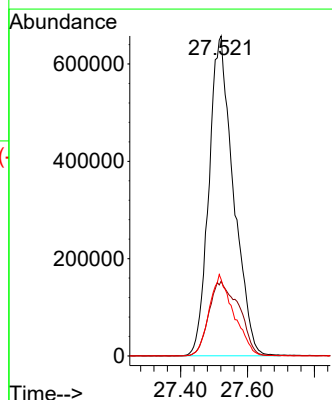
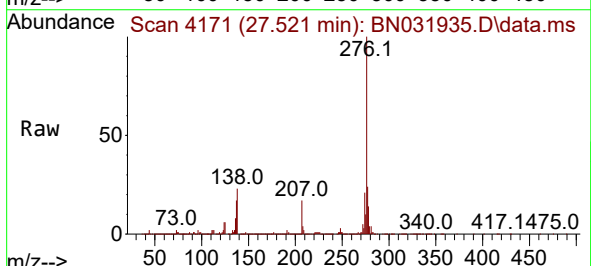
Tgt Ion:276 Resp: 3356322

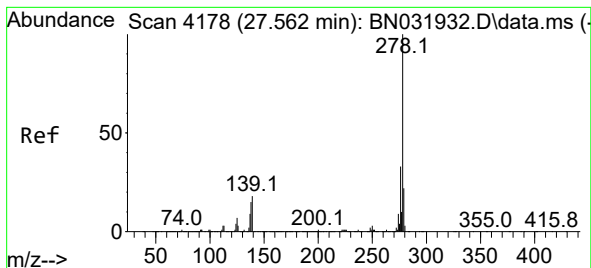
Ion Ratio Lower Upper

276 100

138 23.4 18.1 27.1

277 23.9 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 34.667 ng/ul

RT: 27.574 min Scan# 4178

Delta R.T. -0.006 min

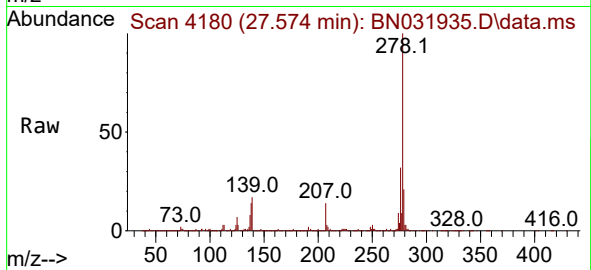
Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Instrument :

BNA_N

ClientSampleId :



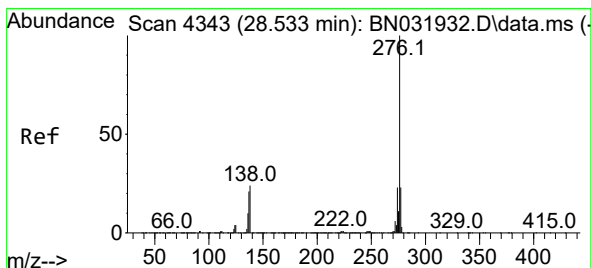
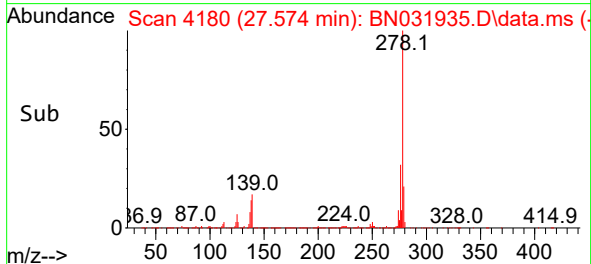
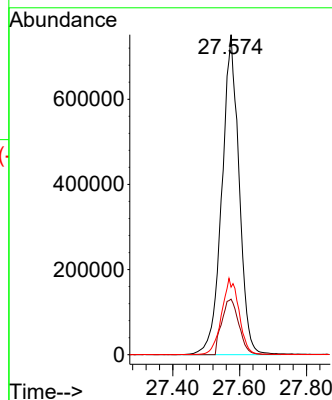
Tgt Ion:278 Resp: 2684177

Ion Ratio Lower Upper

278 100

139 17.4 15.0 22.6

279 21.1 17.4 26.0



#96

Benzo(g,h,i)perylene

Concen: 34.156 ng/ul

RT: 28.550 min Scan# 4346

Delta R.T. 0.006 min

Lab File: BN031935.D

Acq: 12 Jun 2024 10:48

Tgt Ion:276 Resp: 2574992

Ion Ratio Lower Upper

276 100

138 24.3 20.9 31.3

277 23.1 18.0 27.0

