

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
 Data File : BN022148.D
 Acq On : 17 Oct 2022 12:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 23:08:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	168858	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	819379	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.628	164	526544	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1076718	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	949858	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	775717	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	33558	7.532	ng/uL	0.00
4) Pyridine-d5	3.693	84	263746	19.031	ng/u1	0.00
7) Phenol-d5	7.110	99	310386	18.803	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	193366	18.693	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	231756	20.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	248122	18.916	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	123930	20.627	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	131797	21.402	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	234196	20.260	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.928	131	354290	18.747	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	662871	18.060	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	800265	19.524	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	140257	17.902	ng/u1	0.00
60) Fluorene-d10	15.622	176	573834	18.536	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	100603	16.378	ng/u1	0.00
73) Anthracene-d10	17.486	188	879150	18.789	ng/u1	0.00
81) Pyrene-d10	19.786	212	950633	20.102	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	728878	19.160	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	34866	7.181	ng/uL	99
5) Pyridine	3.711	79	257349	18.719	ng/u1	97
6) Benzaldehyde	7.081	77	178991	21.957	ng/u1	97
8) Phenol	7.140	94	331072	18.895	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	262571	18.837	ng/u1	98
12) 2-Chlorophenol	7.510	128	250367	19.810	ng/u1	98
13) 2-Methylphenol	8.404	108	246097	18.786	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	368273	18.463	ng/u1	99
16) Acetophenone	8.793	105	398152	18.998	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.775	70	210057	18.819	ng/u1	99
18) 4-Methylphenol	8.740	108	275748	18.799	ng/u1	99
19) Hexachloroethane	9.040	117	99850	20.236	ng/u1	96
22) Nitrobenzene	9.175	77	314789	19.842	ng/u1	98
23) Isophorone	9.704	82	590834	18.863	ng/u1	99
25) 2-Nitrophenol	9.893	139	146565	20.167	ng/u1	96
26) 2,4-Dimethylphenol	9.951	107	301443	19.672	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.193	93	366772	18.726	ng/u1	99
29) 2,4-Dichlorophenol	10.428	162	242927	20.151	ng/u1	97
30) Naphthalene	10.834	128	831342	18.940	ng/u1	99
32) 4-Chloroaniline	10.951	127	367161	18.741	ng/u1	99
33) Hexachlorobutadiene	11.116	225	131824	19.929	ng/u1	97
34) Caprolactam	11.734	113	83161	17.754	ng/u1	99
35) 4-Chloro-3-methylphenol	12.081	107	282560	19.441	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	569995	18.804	ng/u1	93

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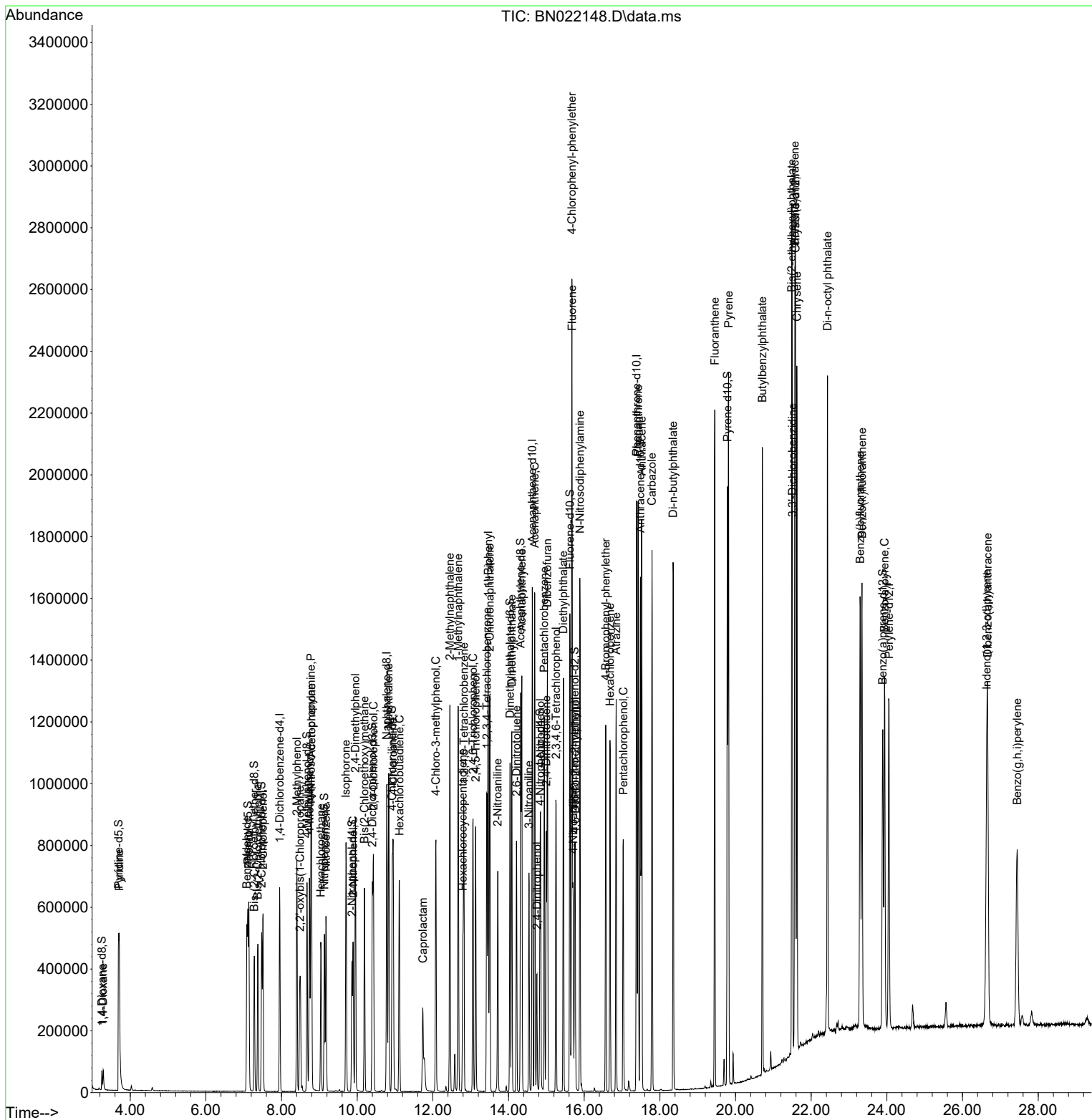
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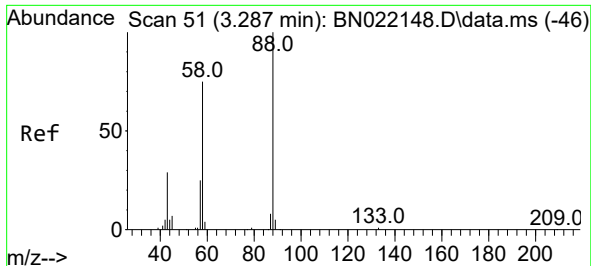
Quant Time: Oct 17 23:08:31 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	567097	18.682	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.822	216	262624	19.227	ng/ul	94
40) Hexachlorocyclopentadiene	12.792	237	111827	14.645	ng/ul	91
41) 2,4,6-Trichlorophenol	13.063	196	188436	20.232	ng/ul	96
42) 2,4,5-Trichlorophenol	13.134	196	201835	19.459	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	729717	18.984	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	577168	19.217	ng/ul	96
45) 2-Nitroaniline	13.716	65	187286	20.129	ng/ul	99
47) Dimethylphthalate	14.086	163	701558	17.782	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	145637	19.707	ng/ul	99
50) Acenaphthylene	14.351	152	894134	19.102	ng/ul	99
51) 3-Nitroaniline	14.539	138	166235	19.051	ng/ul	99
52) Acenaphthene	14.692	153	620086	18.681	ng/ul	97
53) 2,4-Dinitrophenol	14.751	184	71788	14.340	ng/ul	98
55) 4-Nitrophenol	14.845	109	112558	17.719	ng/ul	98
56) Dibenzofuran	15.028	168	844480	18.644	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	213533	19.723	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.257	232	164285	19.032	ng/ul	98
59) Diethylphthalate	15.451	149	731919	18.264	ng/ul	96
61) Fluorene	15.680	166	678090	18.622	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.675	204	308598	18.087	ng/ul	98
63) 4-Nitroaniline	15.710	138	172127	21.141	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	105636	16.018	ng/ul	99
67) N-Nitrosodiphenylamine	15.886	169	593229	19.052	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	185899	19.545	ng/ul	98
69) Hexachlorobenzene	16.686	284	225226	19.453	ng/ul	92
70) Atrazine	16.845	200	199787	19.053	ng/ul	97
71) Pentachlorophenol	17.033	266	130462	18.222	ng/ul	91
72) Phenanthrene	17.427	178	1076642	18.536	ng/ul	98
74) Anthracene	17.522	178	1100337	19.073	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	266788	19.700	ng/uL	98
76) Pentachlorobenzene	14.945	250	275330	18.941	ng/uL	92
77) Carbazole	17.792	167	1045402	19.591	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1275077	19.280	ng/ul	99
80) Fluoranthene	19.451	202	1222794	20.598	ng/ul	98
82) Pyrene	19.816	202	1252479	20.167	ng/ul	99
83) Butylbenzylphthalate	20.710	149	576434	21.393	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	349029	16.991	ng/ul	100
85) Benzo(a)anthracene	21.568	228	1131560	18.644	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.486	149	860135	22.071	ng/ul	99
87) Chrysene	21.621	228	1004962	17.230	ng/ul	97
89) Di-n-octyl phthalate	22.433	149	1450146	26.385	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1018750	20.823	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	926469	19.167	ng/ul	98
93) Benzo(a)pyrene	23.939	252	813823	18.611	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.639	276	878371	16.071	ng/ul	96
95) Dibenzo(a,h)anthracene	26.662	278	794601	16.250	ng/ul	97
96) Benzo(g,h,i)perylene	27.445	276	761217	15.481	ng/ul	98

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

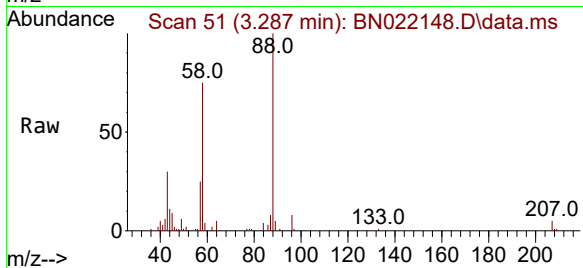
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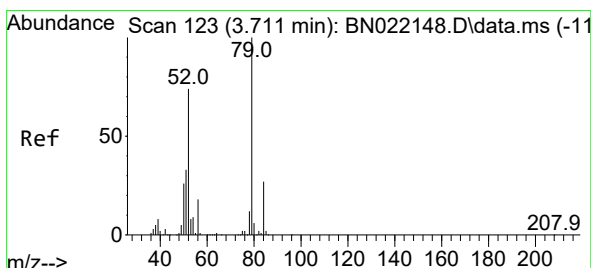
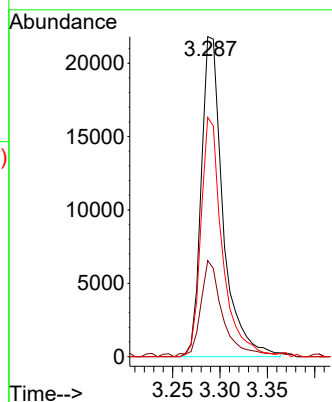
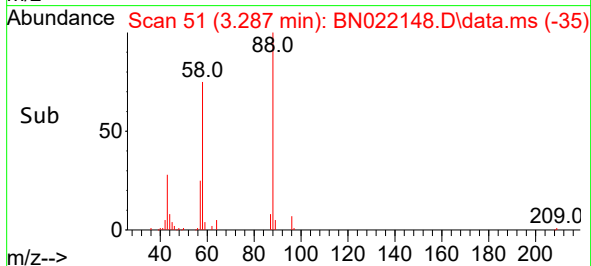


#2
1,4-Dioxane
Concen: 7.181 ng/uL
RT: 3.287 min Scan# 51
Delta R.T. -0.006 min
Lab File: BN022148.D
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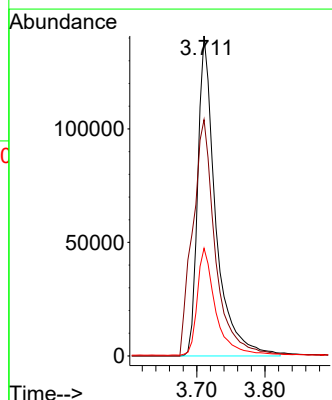
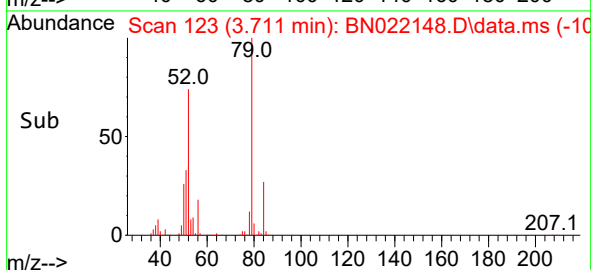
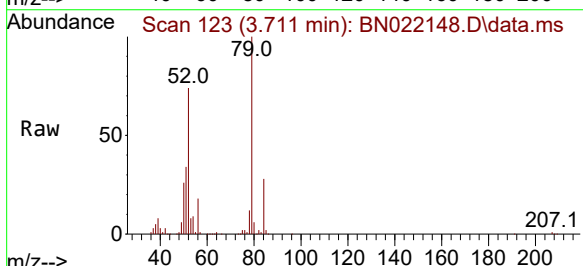


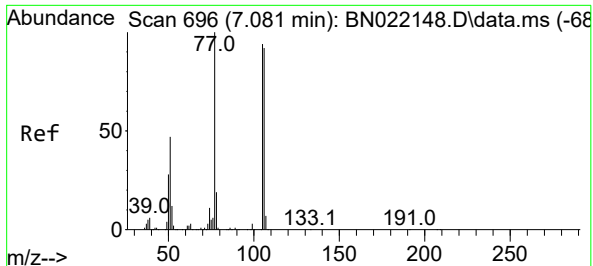
Tgt Ion: 88 Resp: 34866
Ion Ratio Lower Upper
88 100
43 30.0 22.6 34.0
58 74.7 59.9 89.9



#5
Pyridine
Concen: 18.719 ng/uL
RT: 3.711 min Scan# 123
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion: 79 Resp: 257349
Ion Ratio Lower Upper
79 100
52 73.8 61.7 92.5
51 33.6 27.8 41.6

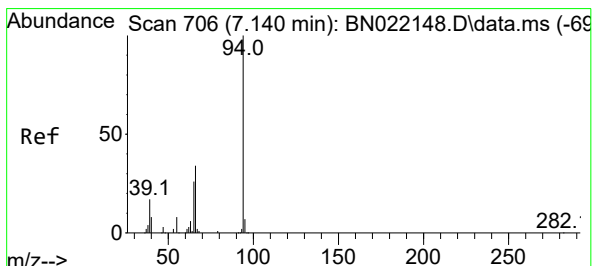
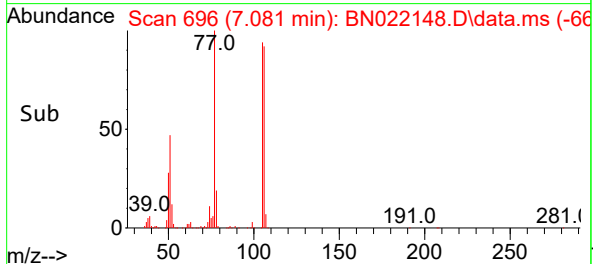
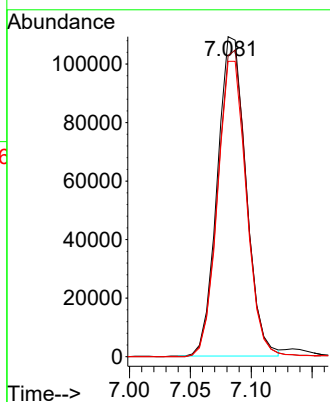
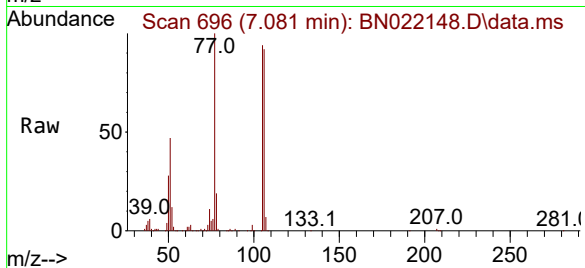




#6
Benzaldehyde
Concen: 21.957 ng/ul
RT: 7.081 min Scan# 696
Delta R.T. -0.012 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

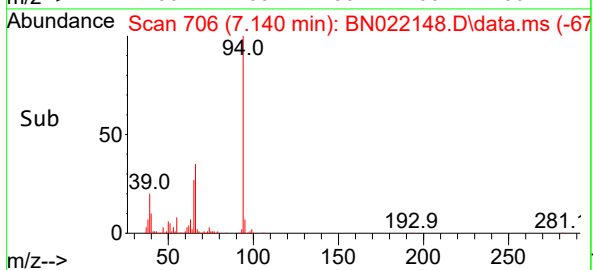
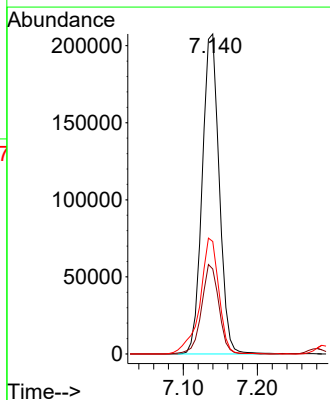
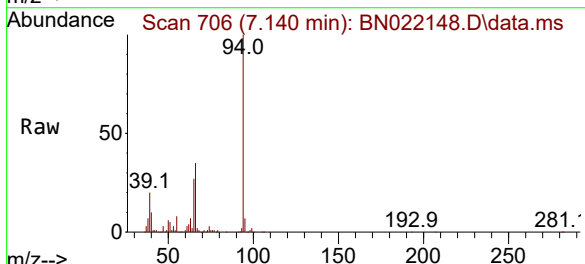
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BNA_N
ClientSampleId :

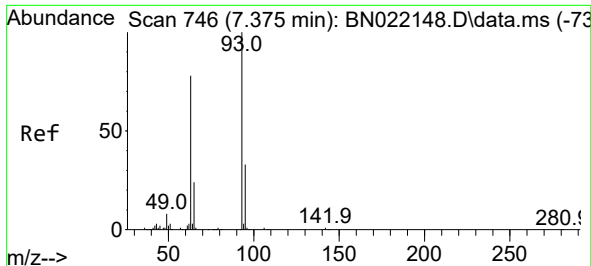
Tgt Ion: 77 Resp: 178991
Ion Ratio Lower Upper
77 100
105 94.1 78.6 118.0
106 92.3 75.4 113.2



#8
Phenol
Concen: 18.895 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. -0.000 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

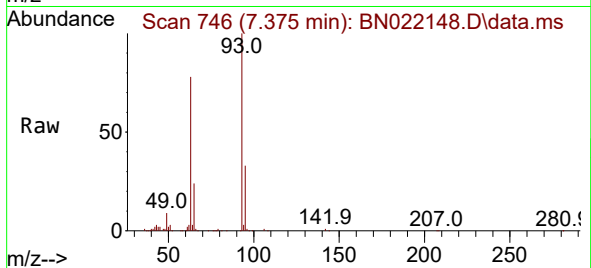
Tgt Ion: 94 Resp: 331072
Ion Ratio Lower Upper
94 100
65 26.5 22.1 33.1
66 35.2 29.0 43.6



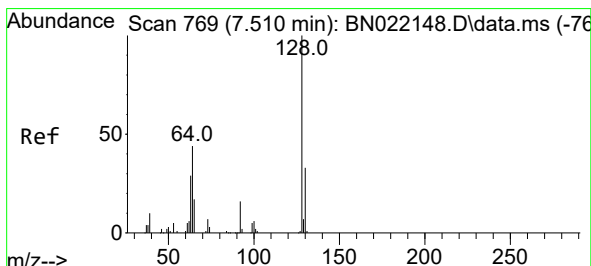
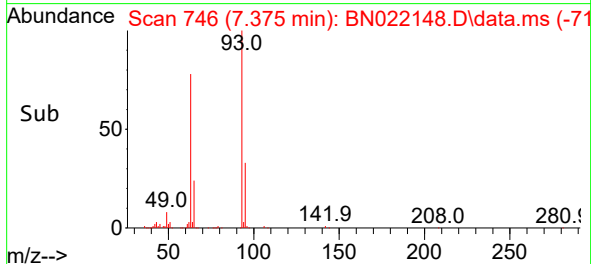
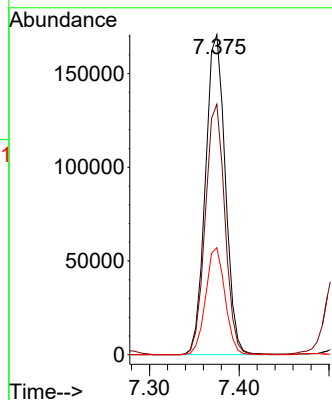


#10
Bis(2-Chloroethyl)ether
Concen: 18.837 ng/ul
RT: 7.375 min Scan# 746
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Instrument :
BNA_N
ClientSampleId :

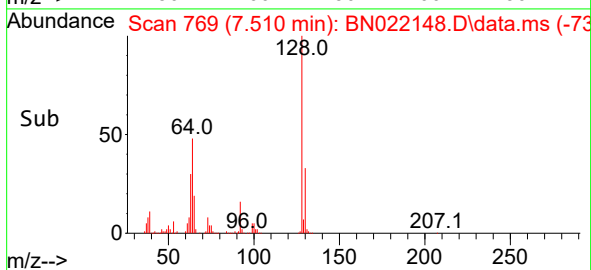
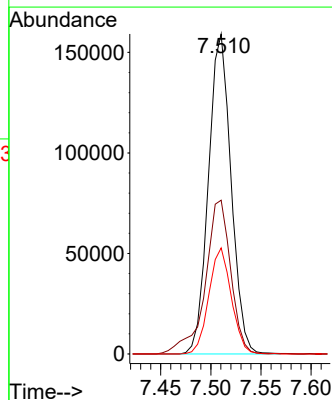
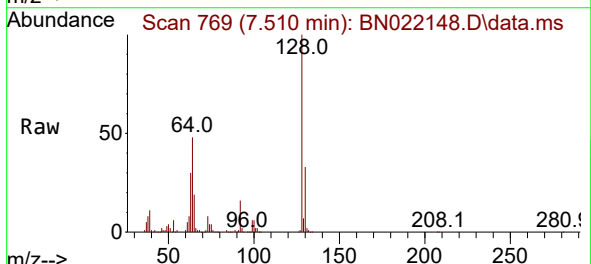


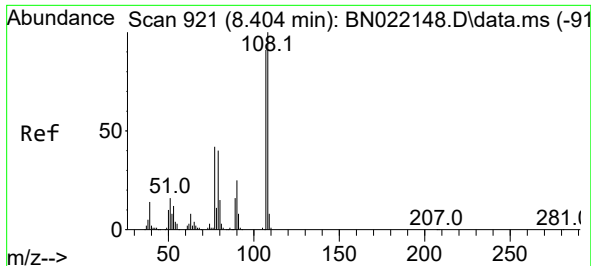
Tgt Ion: 93 Resp: 262571
Ion Ratio Lower Upper
93 100
63 78.3 61.1 91.7
95 33.4 26.4 39.6



#12
2-Chlorophenol
Concen: 19.810 ng/ul
RT: 7.510 min Scan# 769
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:128 Resp: 250367
Ion Ratio Lower Upper
128 100
64 48.0 39.7 59.5
130 33.1 26.7 40.1





#13

2-Methylphenol

Concen: 18.786 ng/ul

RT: 8.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

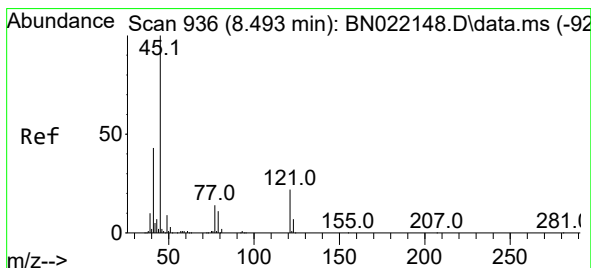
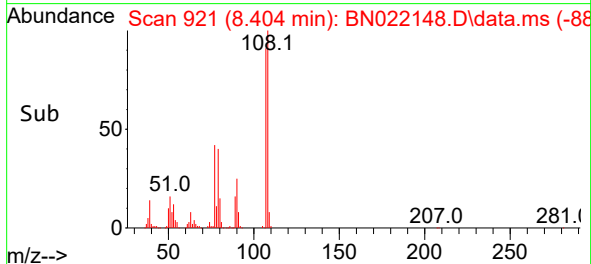
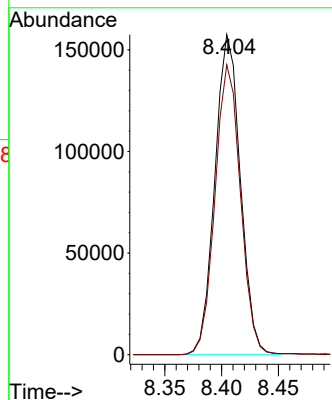
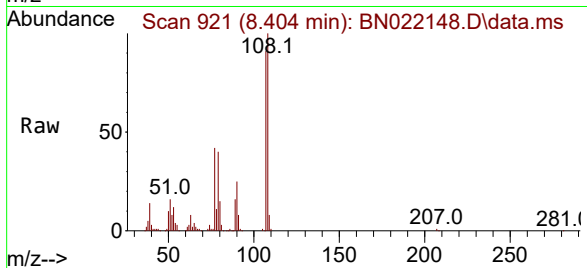
ClientSampleId :

Tgt Ion:108 Resp: 246097

Ion Ratio Lower Upper

108 100

107 90.6 72.4 108.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.463 ng/ul

RT: 8.493 min Scan# 936

Delta R.T. -0.012 min

Lab File: BN022148.D

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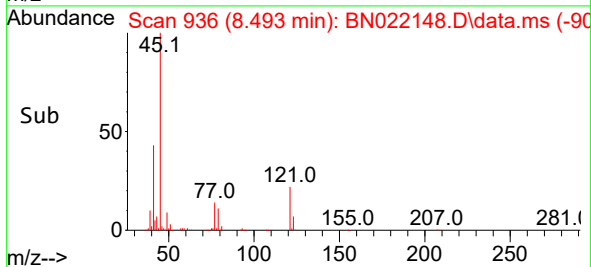
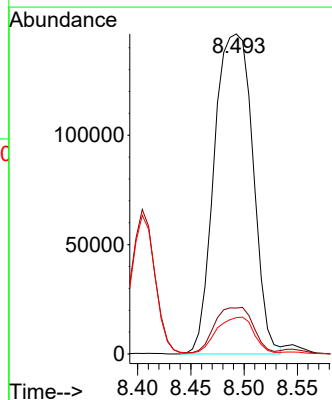
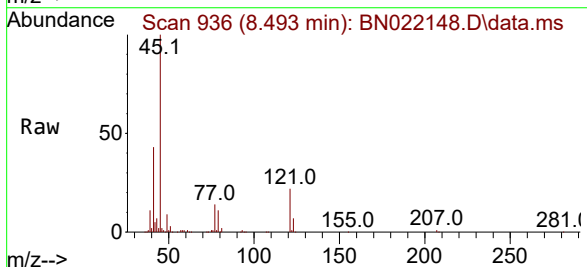
Tgt Ion: 45 Resp: 368273

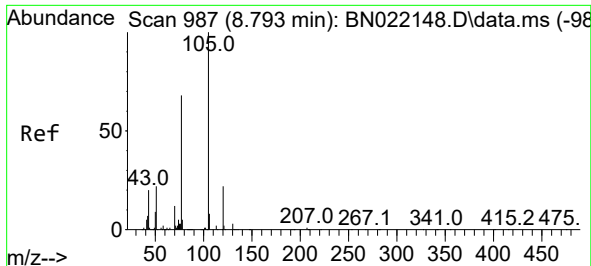
Ion Ratio Lower Upper

45 100

77 14.4 11.7 17.5

79 11.3 8.7 13.1

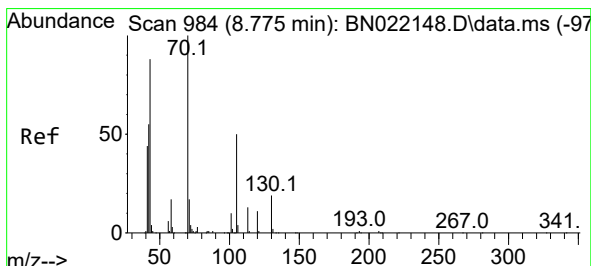
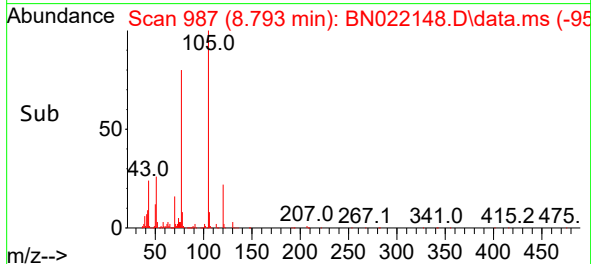
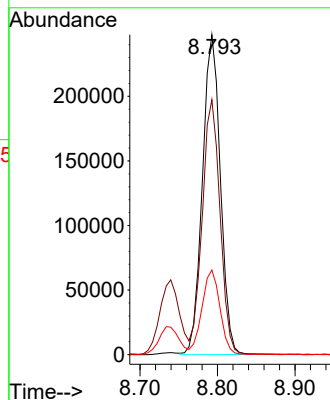
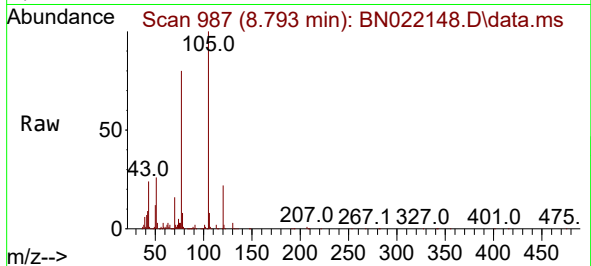




#16
Acetophenone
Concen: 18.998 ng/ul
RT: 8.793 min Scan# 987
Delta R.T. -0.006 min
Lab File: BN022148.D
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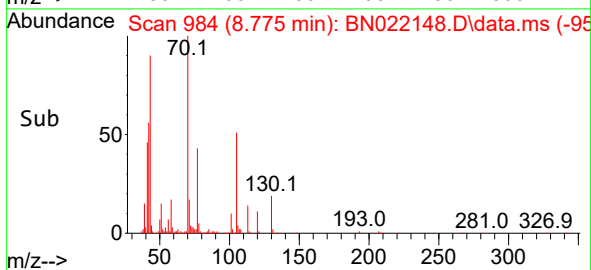
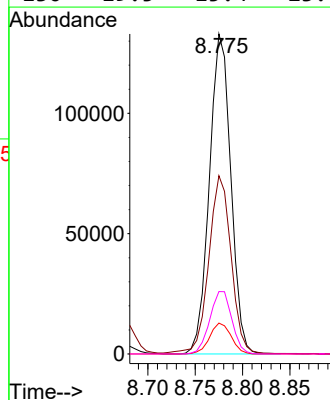
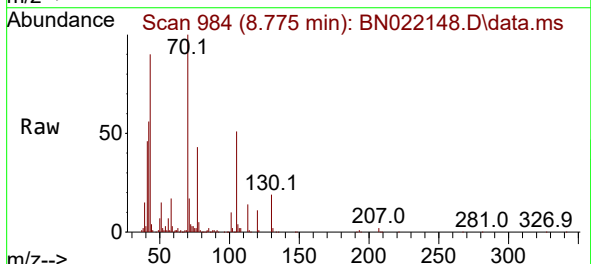
Instrument :
BNA_N
ClientSampleId :

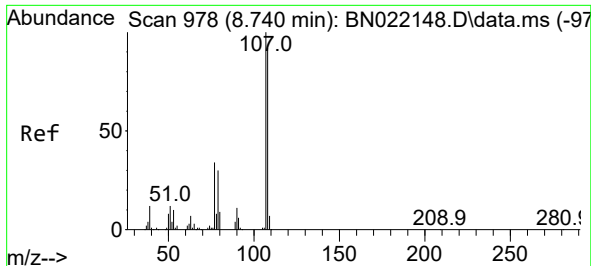
Tgt Ion:105 Resp: 398152
Ion Ratio Lower Upper
105 100
77 79.7 64.9 97.3
51 26.5 21.8 32.6



#17
N-Nitroso-di-n-propylamine
Concen: 18.819 ng/ul
RT: 8.775 min Scan# 984
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion: 70 Resp: 210057
Ion Ratio Lower Upper
70 100
42 55.7 45.6 68.4
101 9.7 7.4 11.2
130 19.5 15.4 23.0

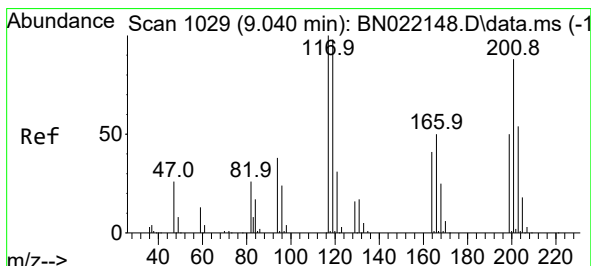
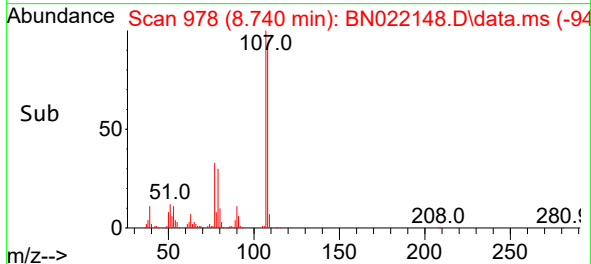
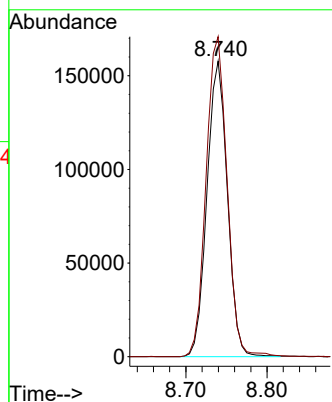
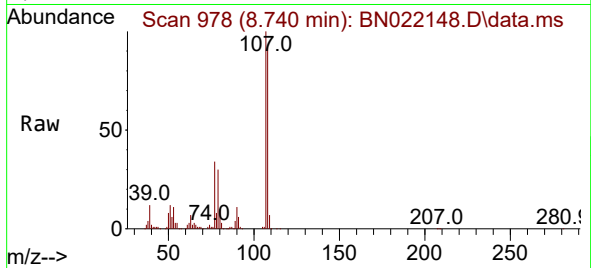




#18
4-Methylphenol
Concen: 18.799 ng/ul
RT: 8.740 min Scan# 978
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

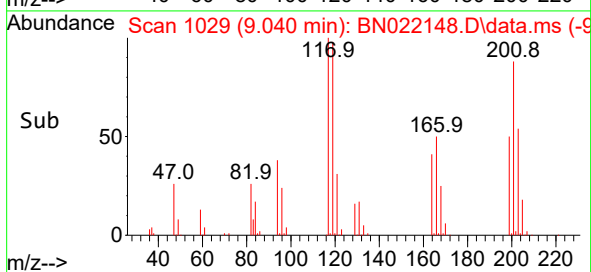
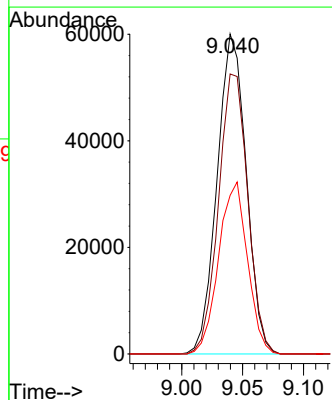
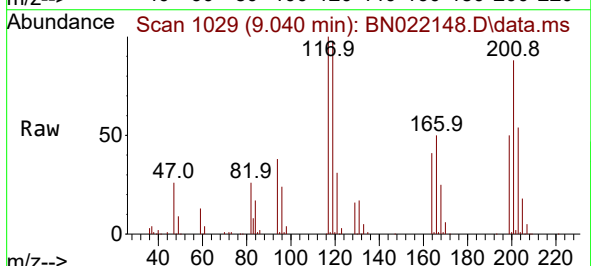
Instrument :
BNA_N
ClientSampleId :

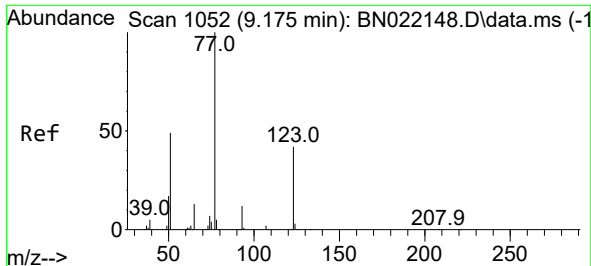
Tgt Ion:108 Resp: 275748
Ion Ratio Lower Upper
108 100
107 108.3 87.2 130.8



#19
Hexachloroethane
Concen: 20.236 ng/ul
RT: 9.040 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:117 Resp: 99850
Ion Ratio Lower Upper
117 100
201 87.5 69.8 104.6
199 49.5 45.2 67.8

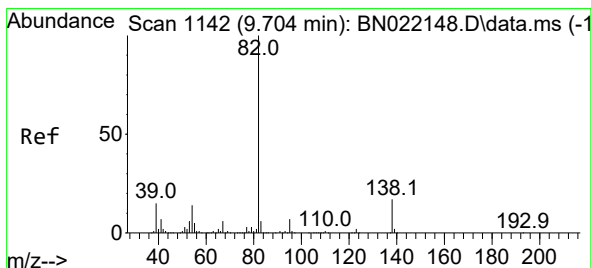
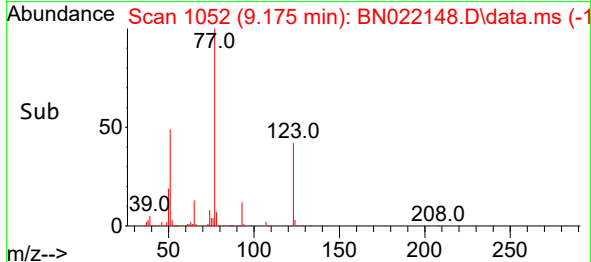
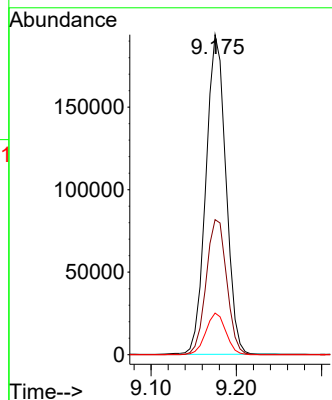
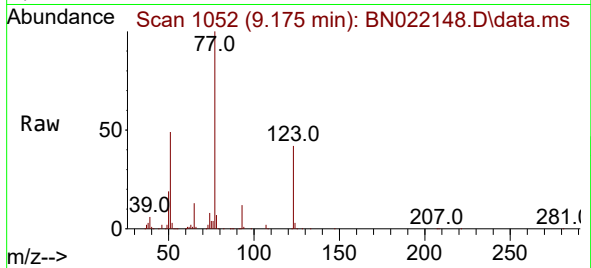




#22
Nitrobenzene
Concen: 19.842 ng/ul
RT: 9.175 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

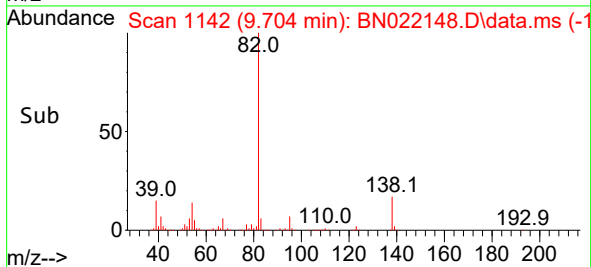
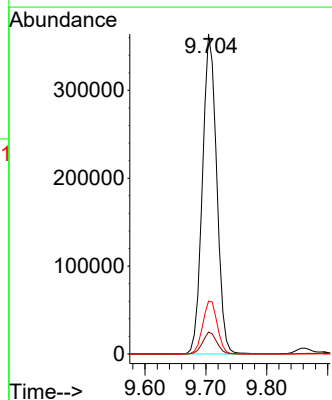
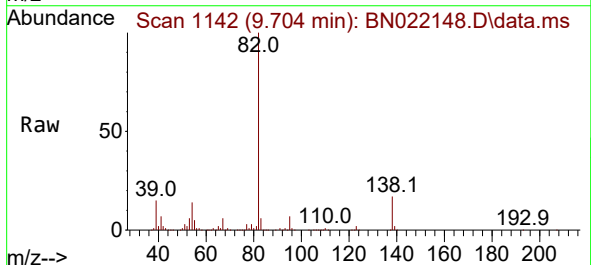
Instrument :
BNA_N
ClientSampleId :

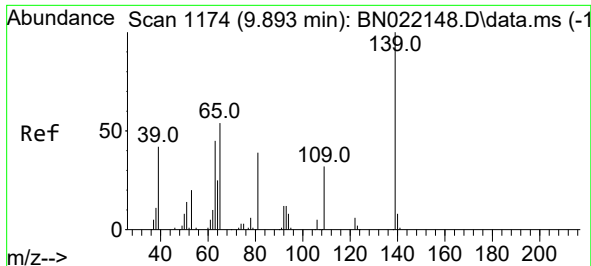
Tgt Ion: 77 Resp: 314789
Ion Ratio Lower Upper
77 100
123 42.2 34.9 52.3
65 13.0 10.2 15.2



#23
Isophorone
Concen: 18.863 ng/ul
RT: 9.704 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion: 82 Resp: 590834
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 16.5 13.8 20.8

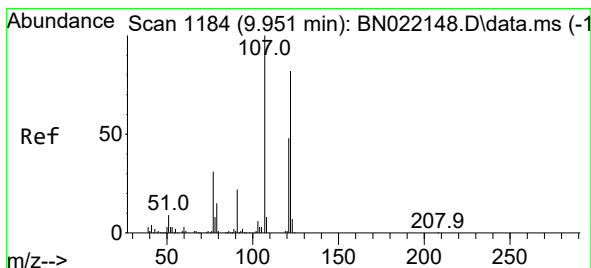
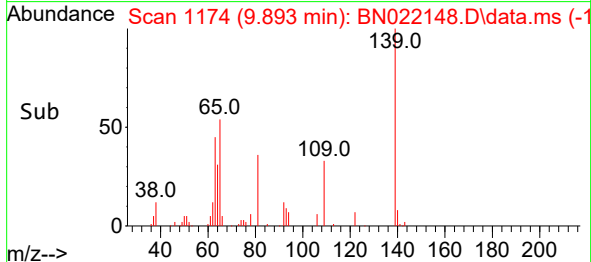
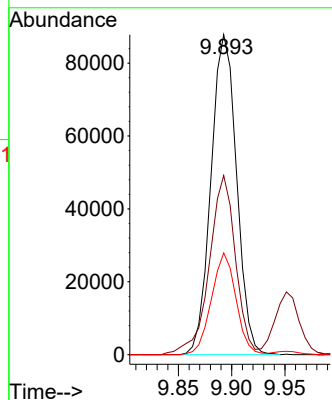
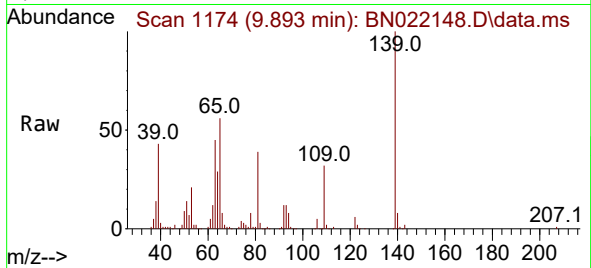




#25
2-Nitrophenol
Concen: 20.167 ng/ul
RT: 9.893 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

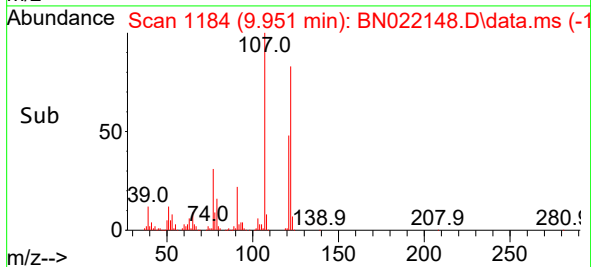
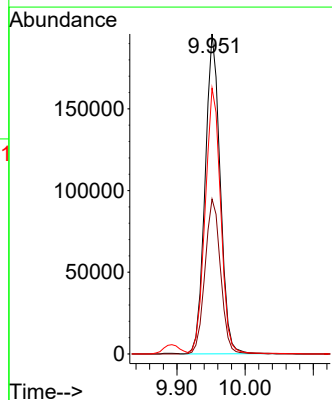
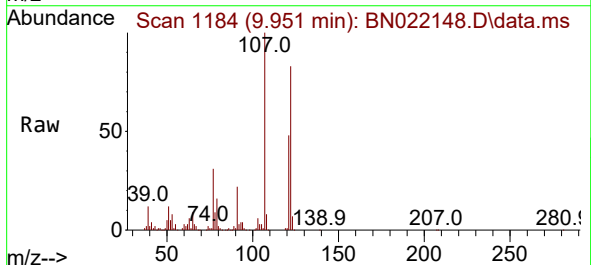
Instrument :
BNA_N
ClientSampleId :

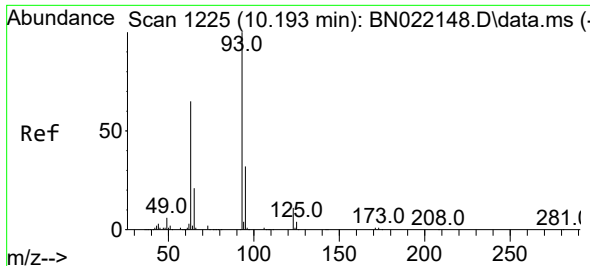
Tgt Ion:139 Resp: 146565
Ion Ratio Lower Upper
139 100
65 56.0 42.7 64.1
109 31.8 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 19.672 ng/ul
RT: 9.951 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:107 Resp: 301443
Ion Ratio Lower Upper
107 100
121 48.4 41.0 61.6
122 83.1 71.5 107.3

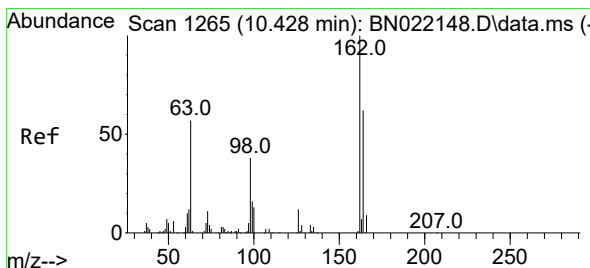
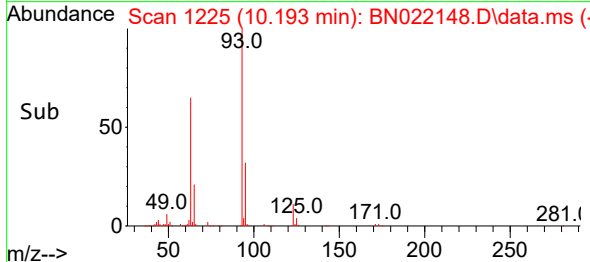
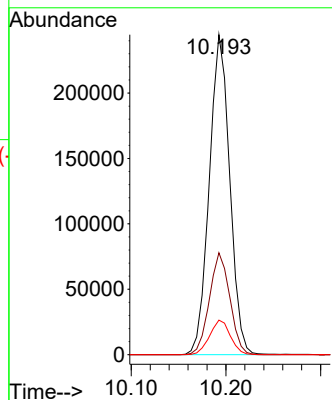
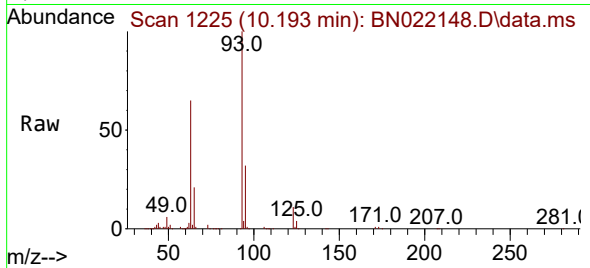




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.726 ng/ul
 RT: 10.193 min Scan# 1225
 Delta R.T. -0.006 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

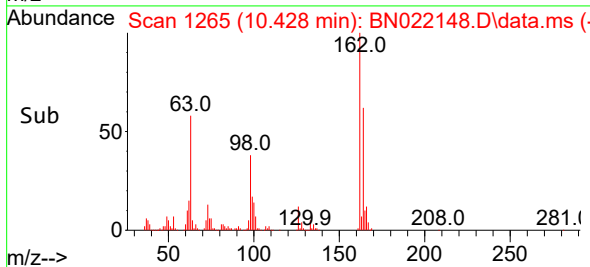
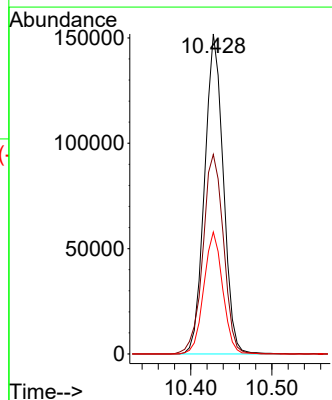
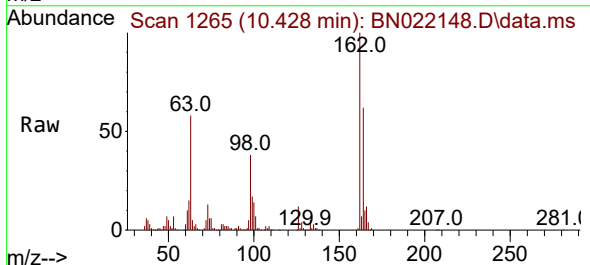
Instrument :
 BNA_N
 ClientSampleId :

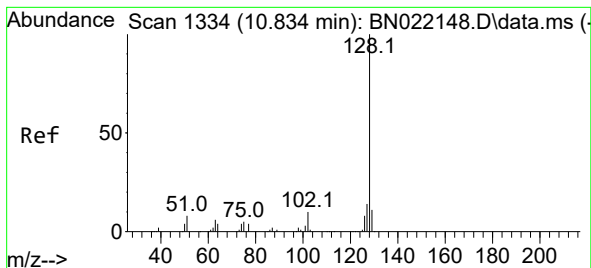
Tgt Ion: 93 Resp: 366772
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.2 37.8
 123 10.8 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 20.151 ng/ul
 RT: 10.428 min Scan# 1265
 Delta R.T. -0.006 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

Tgt Ion: 162 Resp: 242927
 Ion Ratio Lower Upper
 162 100
 164 62.3 52.9 79.3
 98 38.1 30.5 45.7





#30

Naphthalene

Concen: 18.940 ng/ul

RT: 10.834 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

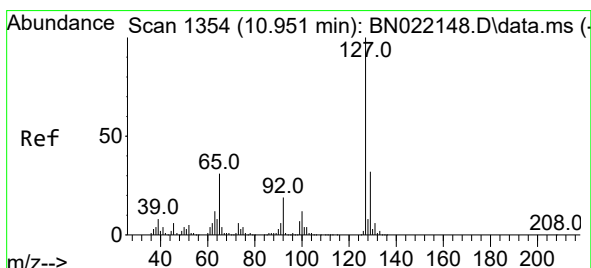
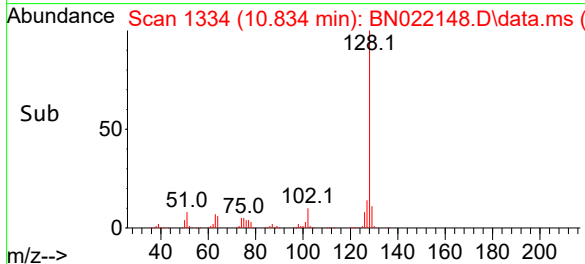
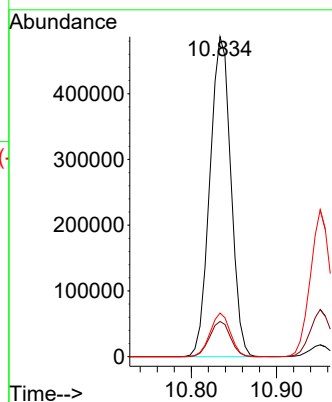
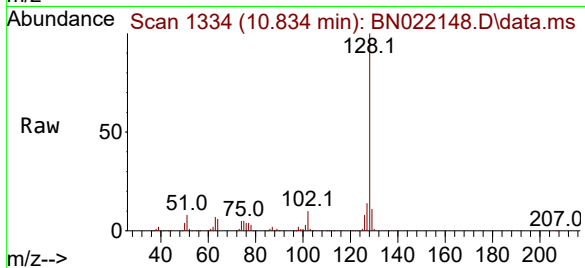
Tgt Ion:128 Resp: 831342

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.7 10.8 16.2



#32

4-Chloroaniline

Concen: 18.741 ng/ul

RT: 10.951 min Scan# 1354

Delta R.T. -0.006 min

Lab File: BN022148.D

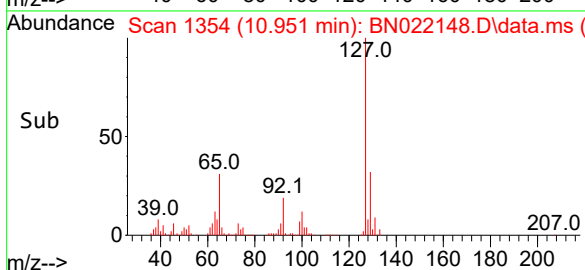
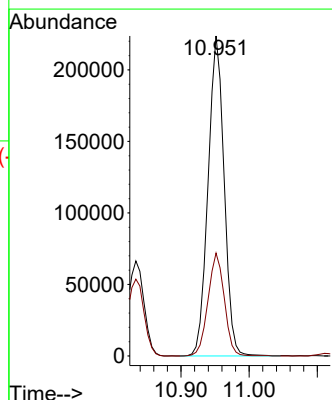
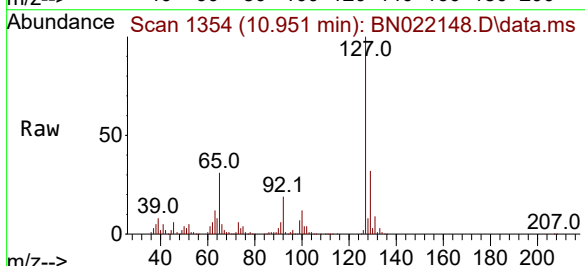
Acq: 17 Oct 2022 12:53

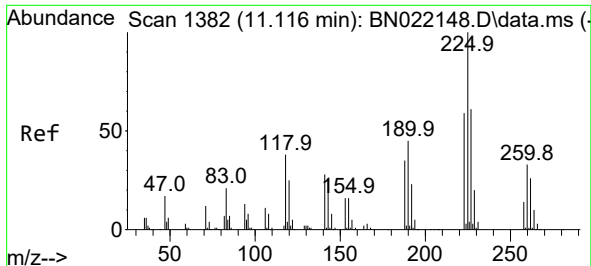
Tgt Ion:127 Resp: 367161

Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.4

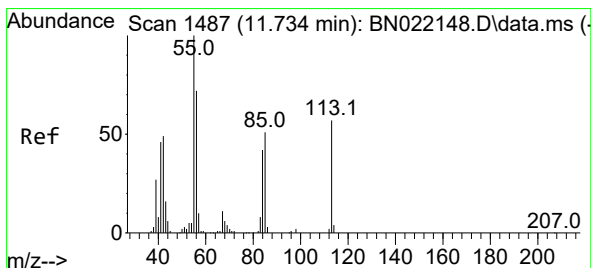
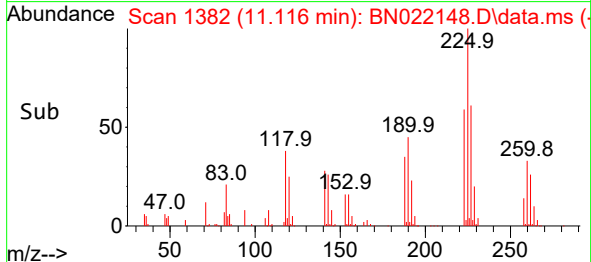
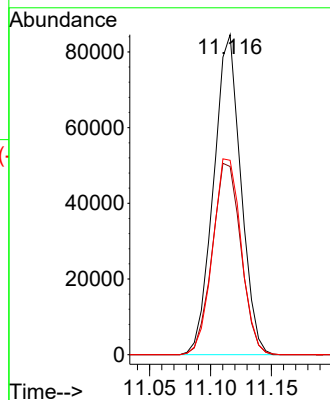
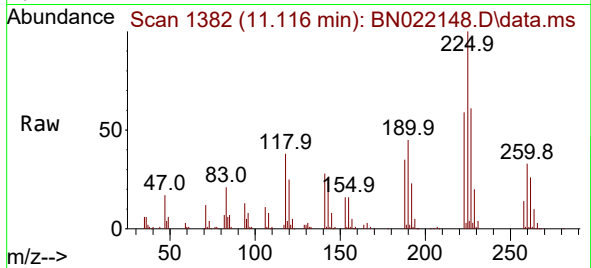




#33
Hexachlorobutadiene
Concen: 19.929 ng/ul
RT: 11.116 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

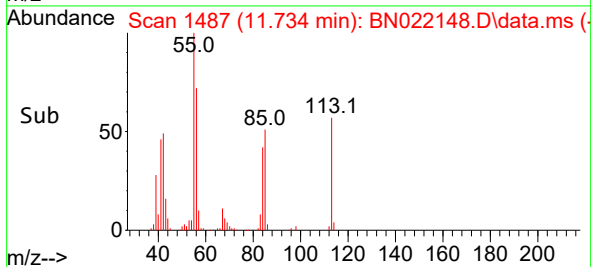
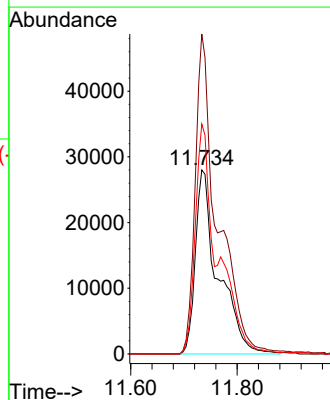
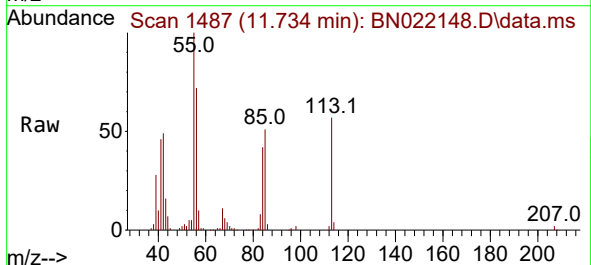
Instrument :
BNA_N
ClientSampleId :

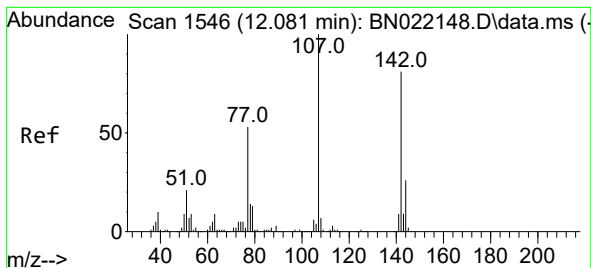
Tgt Ion:225 Resp: 131824
Ion Ratio Lower Upper
225 100
223 58.8 47.7 71.5
227 60.7 51.4 77.0



#34
Caprolactam
Concen: 17.754 ng/ul
RT: 11.734 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:113 Resp: 83161
Ion Ratio Lower Upper
113 100
55 174.0 138.7 208.1
56 125.0 101.4 152.0

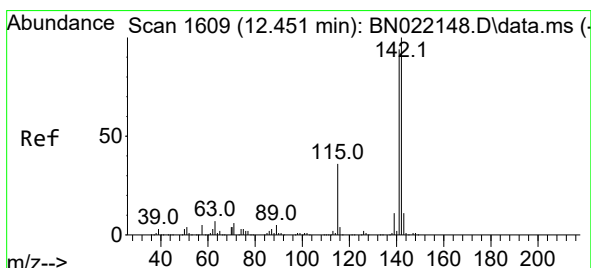
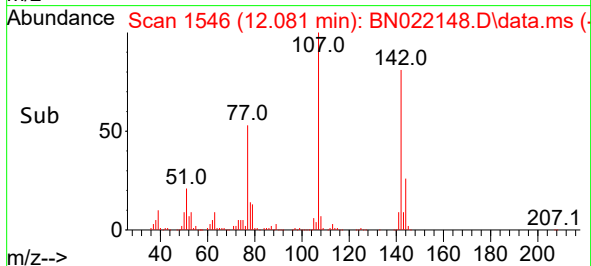
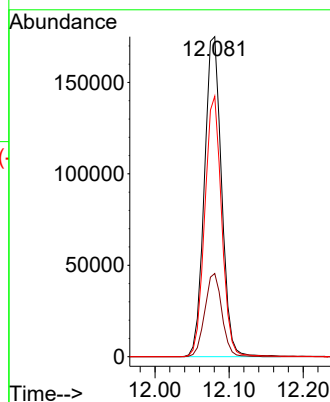
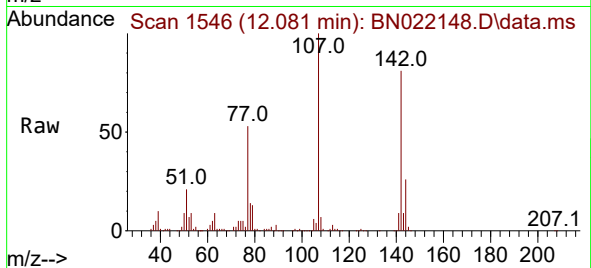




#35
 4-Chloro-3-methylphenol
 Concen: 19.441 ng/ul
 RT: 12.081 min Scan# 1546
 Delta R.T. -0.000 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

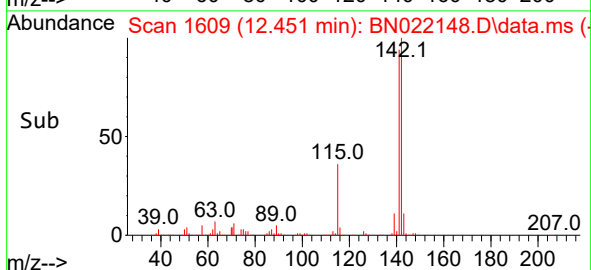
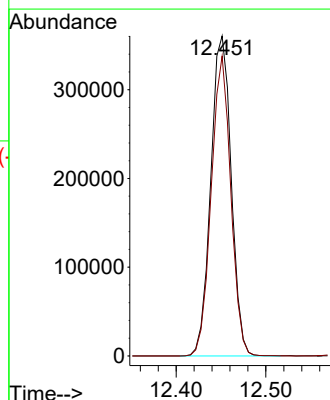
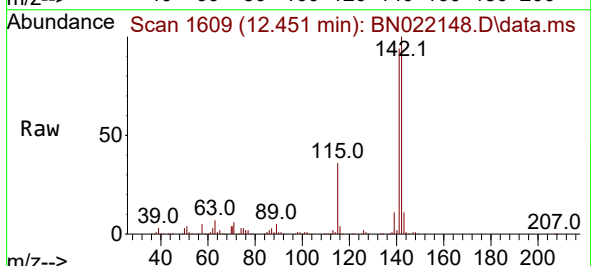
Instrument :
 BNA_N
 ClientSampleId :

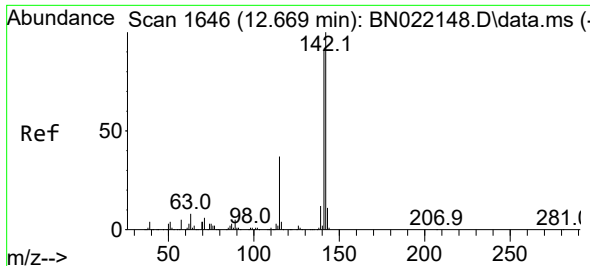
Tgt Ion:107 Resp: 282560
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.3 30.5
 142 81.4 64.4 96.6



#36
 2-Methylnaphthalene
 Concen: 18.804 ng/ul
 RT: 12.451 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

Tgt Ion:142 Resp: 569995
 Ion Ratio Lower Upper
 142 100
 141 93.7 69.7 104.5





#37

1-Methylnaphthalene

Concen: 18.682 ng/ul

RT: 12.669 min Scan# 1646

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

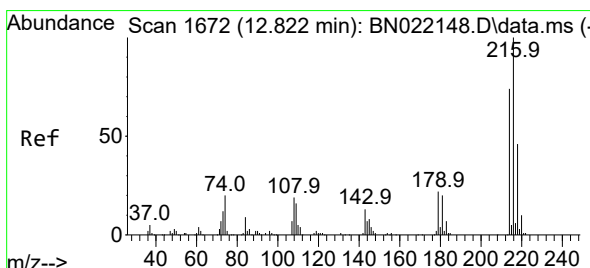
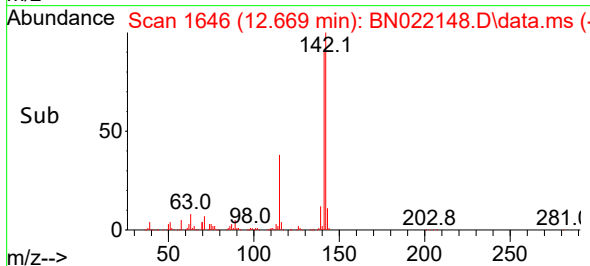
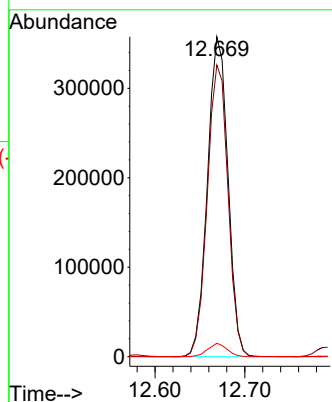
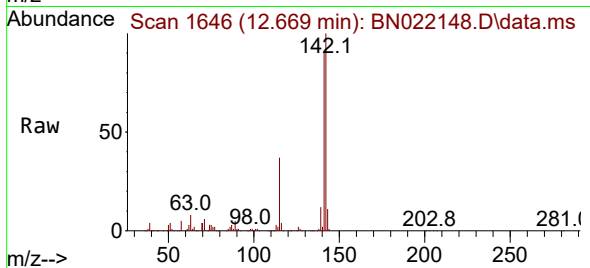
Tgt Ion:142 Resp: 567097

Ion Ratio Lower Upper

142 100

141 91.2 76.7 115.1

116 4.2 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.227 ng/ul

RT: 12.822 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Tgt Ion:216 Resp: 262624

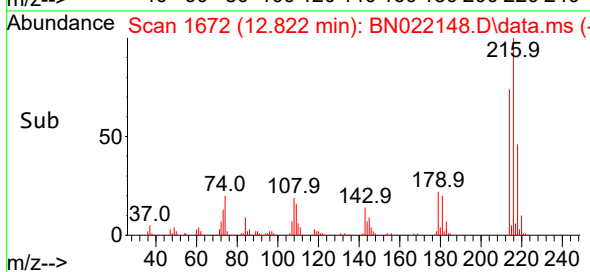
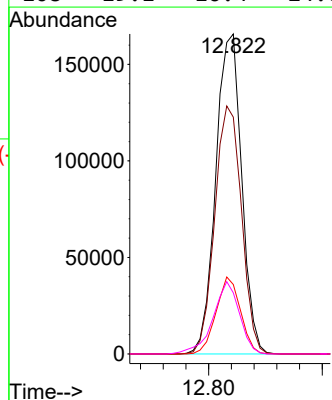
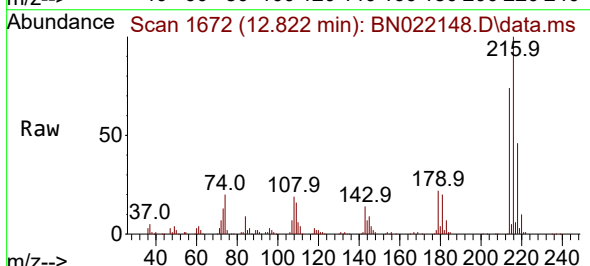
Ion Ratio Lower Upper

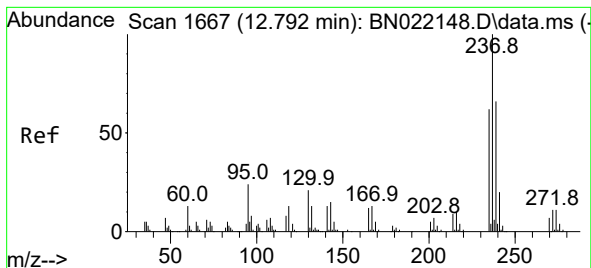
216 100

214 74.0 65.4 98.2

179 21.7 17.4 26.0

108 19.1 16.4 24.6





#40

Hexachlorocyclopentadiene

Concen: 14.645 ng/ul

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

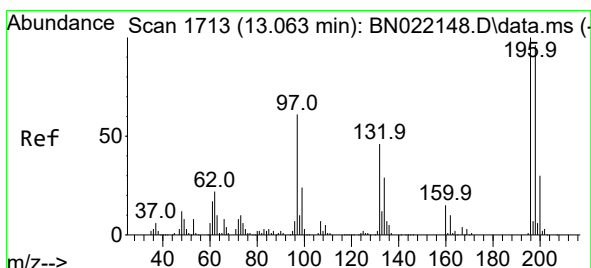
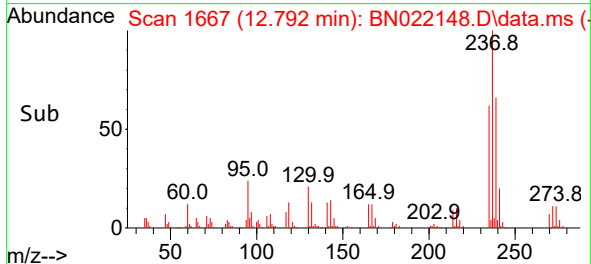
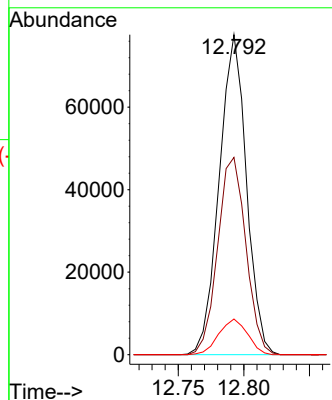
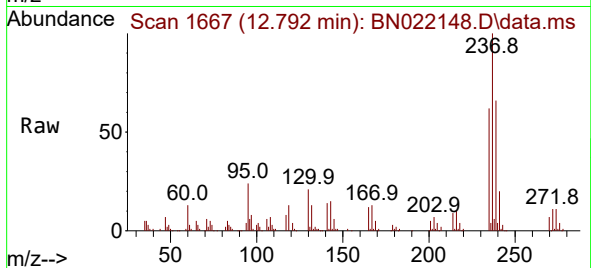
Tgt Ion:237 Resp: 111827

Ion Ratio Lower Upper

237 100

235 61.7 43.4 65.0

272 11.2 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 20.232 ng/ul

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

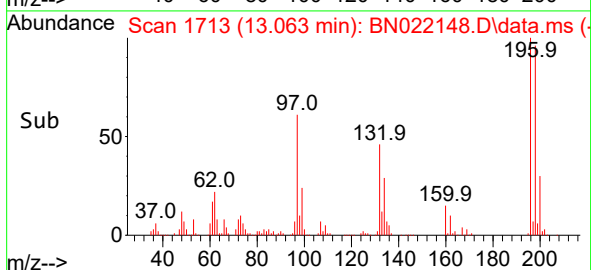
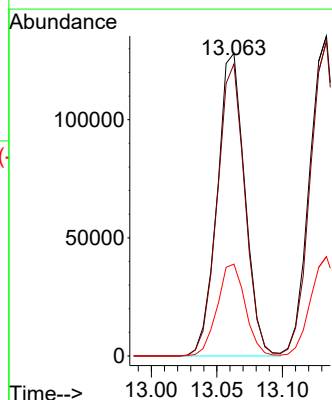
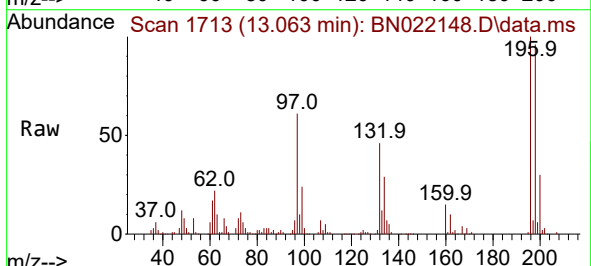
Tgt Ion:196 Resp: 188436

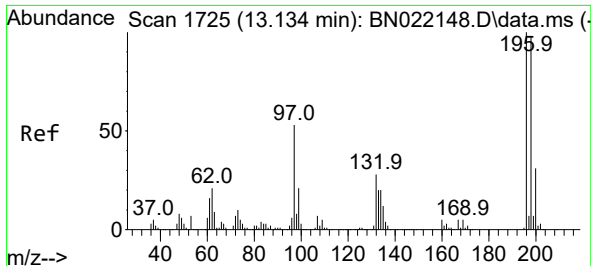
Ion Ratio Lower Upper

196 100

198 96.4 73.4 110.2

200 30.3 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 19.459 ng/ul

RT: 13.134 min Scan# 1725

Delta R.T. -0.000 min

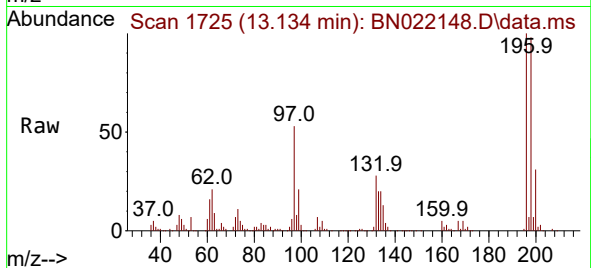
Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

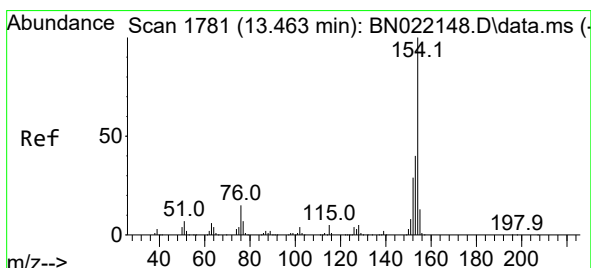
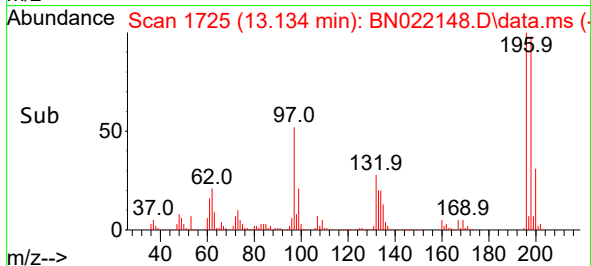
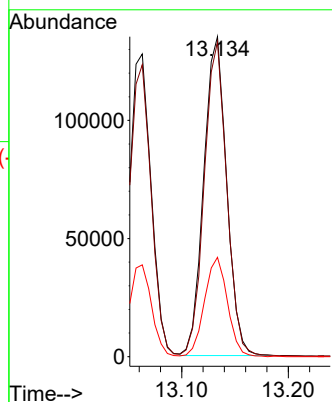
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:196	Resp:	201835
Ion Ratio	Lower	Upper
196	100	
198	98.4	77.0 115.6
200	31.1	24.7 37.1



#43

1,1'-Biphenyl

Concen: 18.984 ng/ul

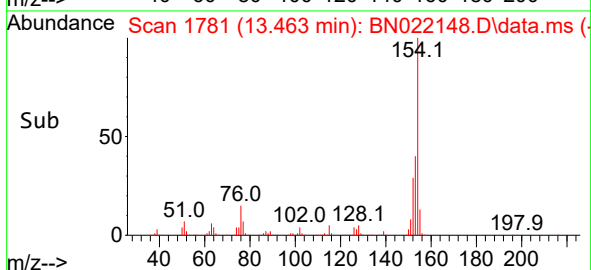
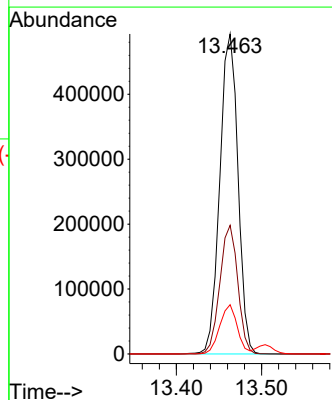
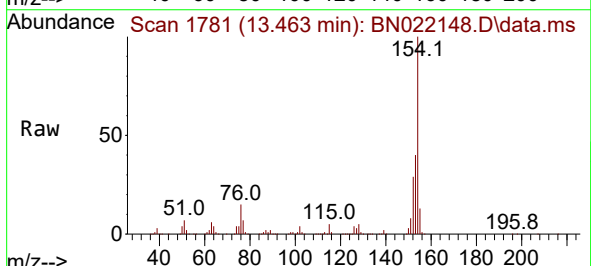
RT: 13.463 min Scan# 1781

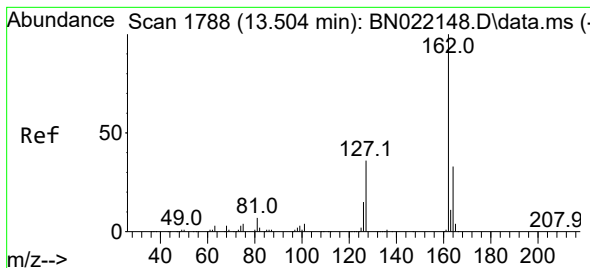
Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Tgt Ion:154	Resp:	729717
Ion Ratio	Lower	Upper
154	100	
153	40.2	30.9 46.3
76	15.4	11.6 17.4





#44

2-Chloronaphthalene

Concen: 19.217 ng/ul

RT: 13.504 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

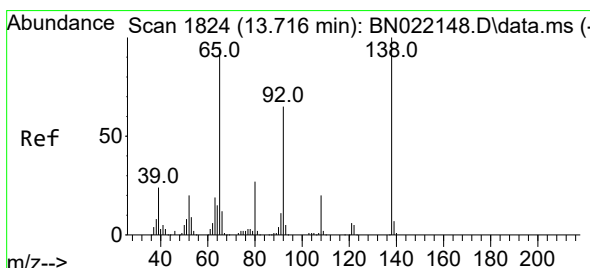
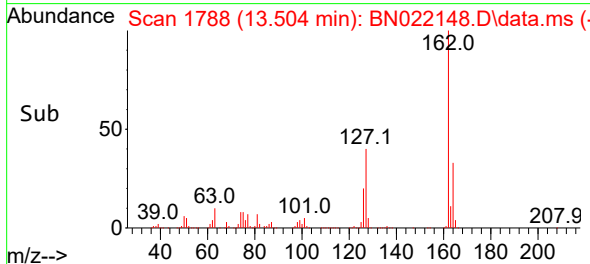
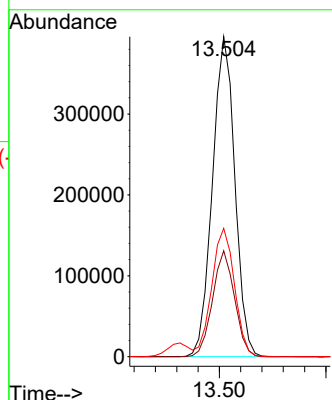
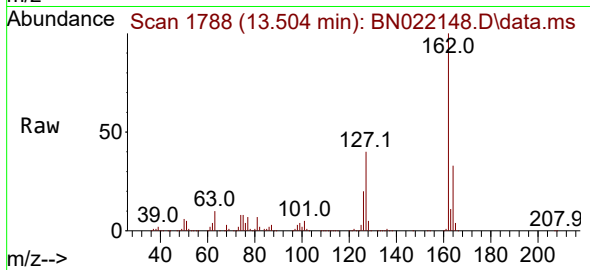
Tgt Ion:162 Resp: 577168

Ion Ratio Lower Upper

162 100

164 33.1 23.7 35.5

127 40.1 30.8 46.2



#45

2-Nitroaniline

Concen: 20.129 ng/ul

RT: 13.716 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

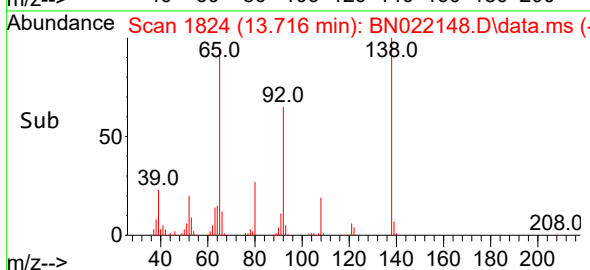
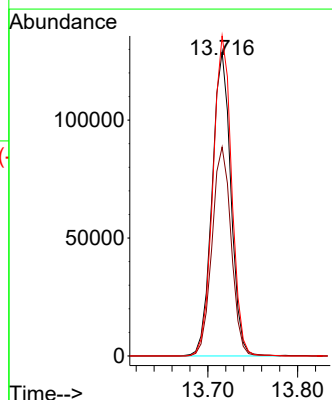
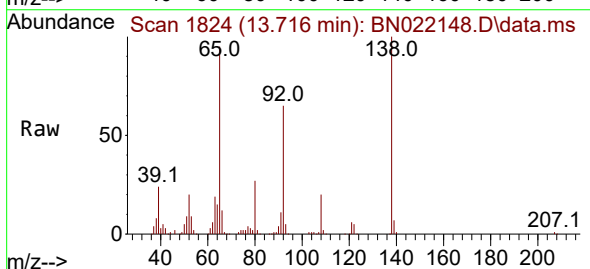
Tgt Ion: 65 Resp: 187286

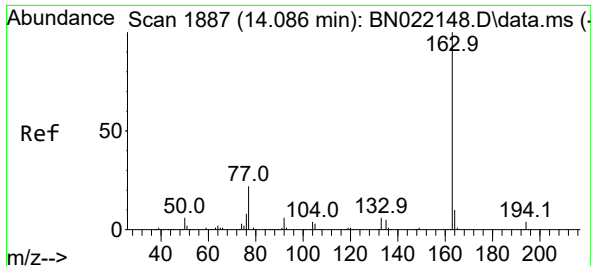
Ion Ratio Lower Upper

65 100

92 68.7 56.2 84.2

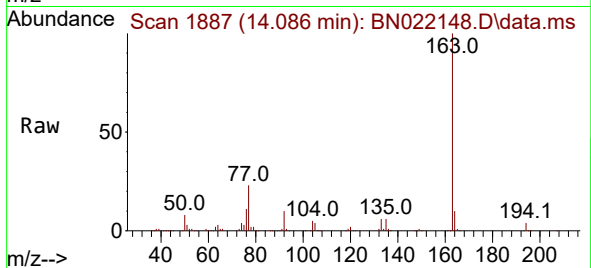
138 105.2 85.0 127.6



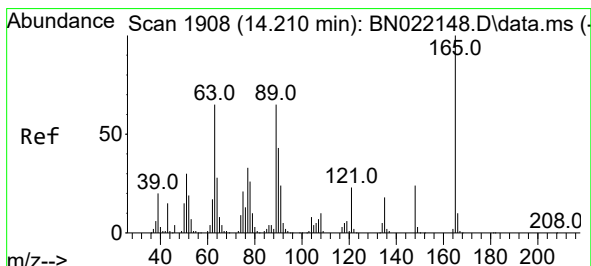
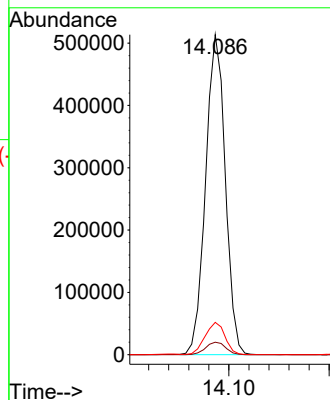
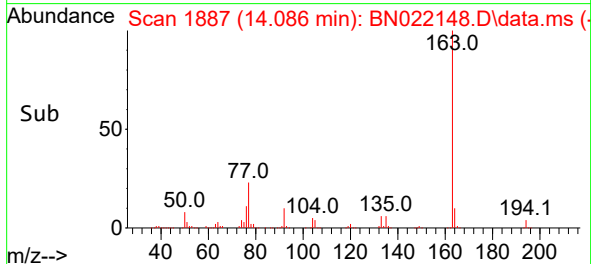


#47
Dimethylphthalate
Concen: 17.782 ng/ul
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Instrument :
BNA_N
ClientSampleId :

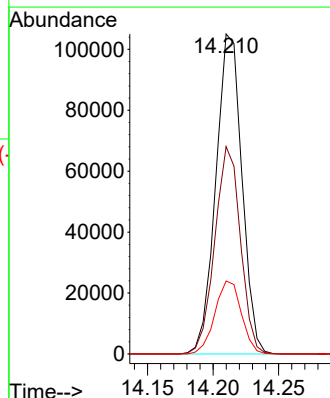
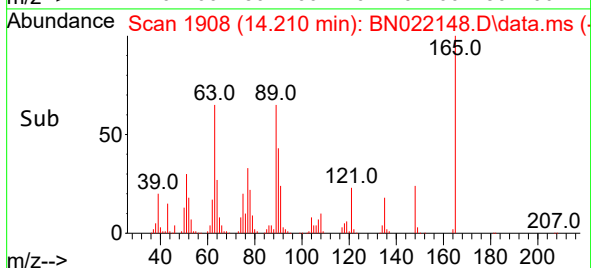
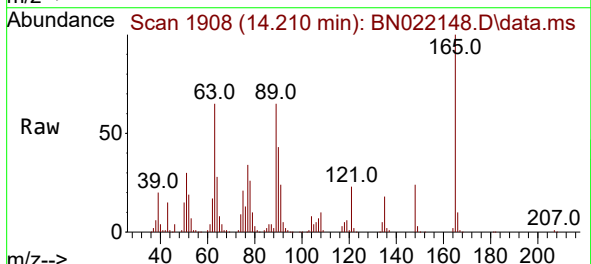


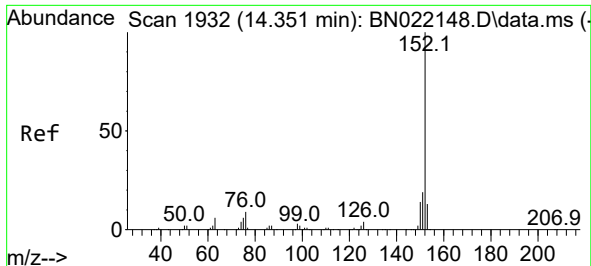
Tgt Ion:163 Resp: 701558
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 19.707 ng/ul
RT: 14.210 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

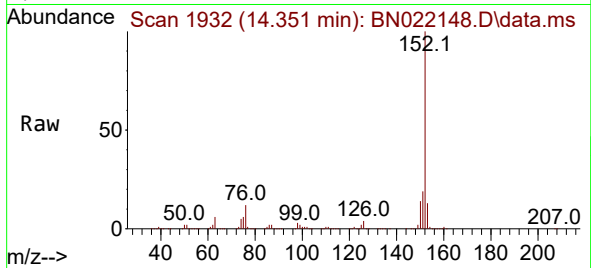
Tgt Ion:165 Resp: 145637
Ion Ratio Lower Upper
165 100
89 64.8 52.1 78.1
121 22.8 19.0 28.4



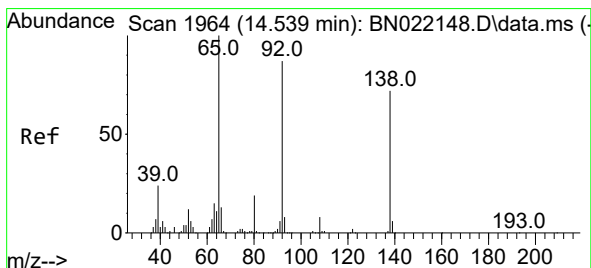
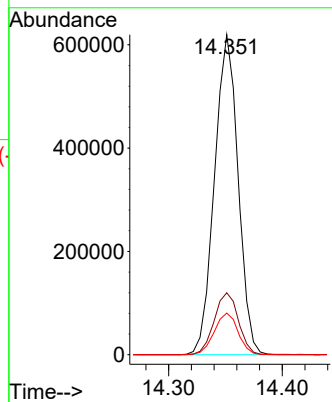
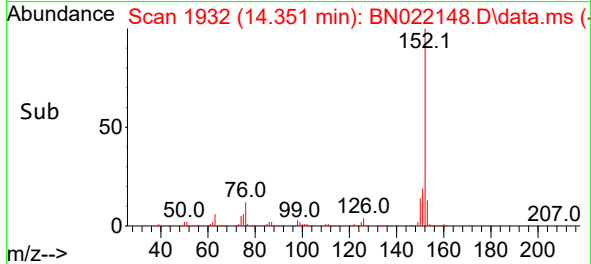


#50
Acenaphthylene
Concen: 19.102 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Instrument :
BNA_N
ClientSampleId :

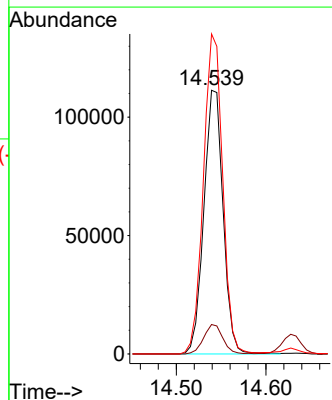
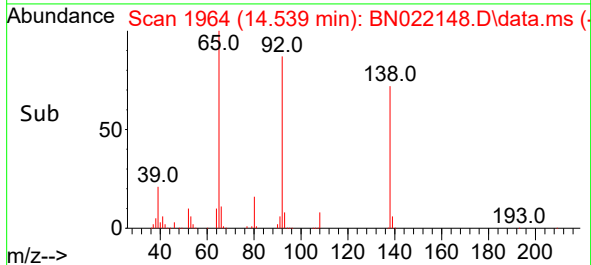
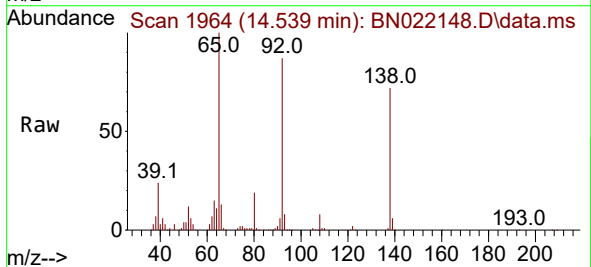


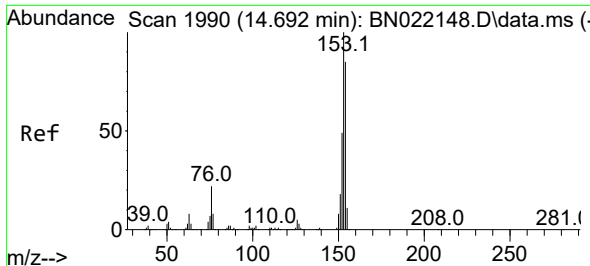
Tgt Ion:152 Resp: 894134
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.0 9.8 14.8



#51
3-Nitroaniline
Concen: 19.051 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:138 Resp: 166235
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 121.3 96.4 144.6

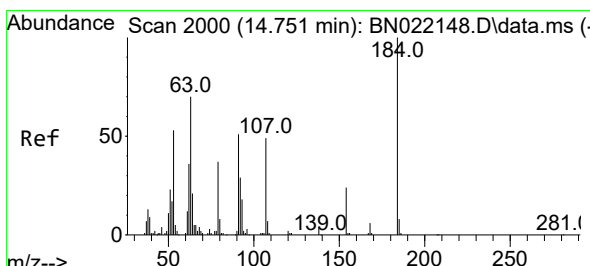
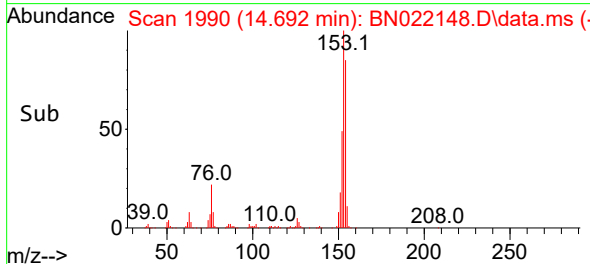
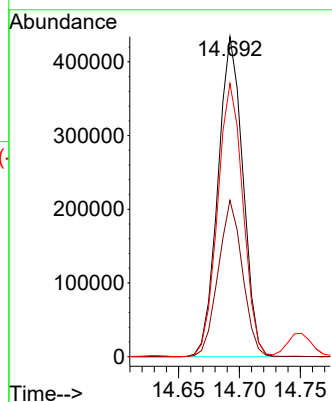
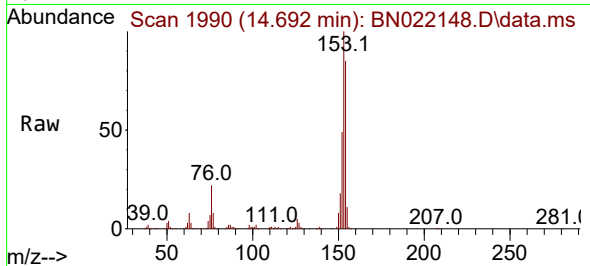




#52
Acenaphthene
Concen: 18.681 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

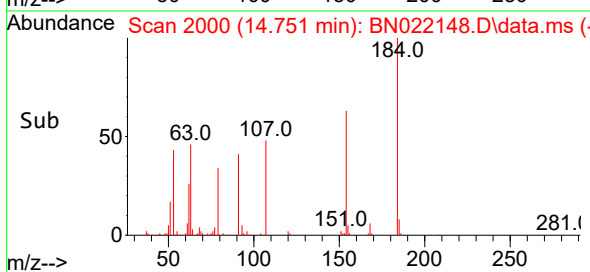
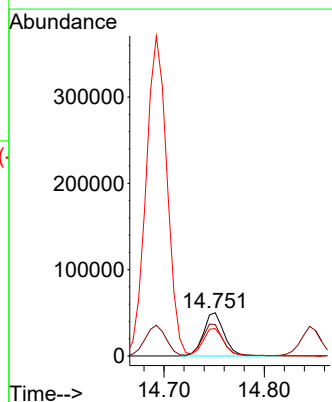
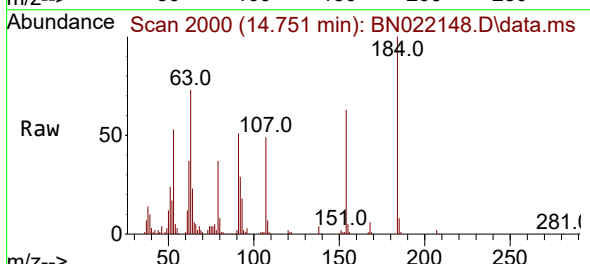
Instrument :
BNA_N
ClientSampleId :

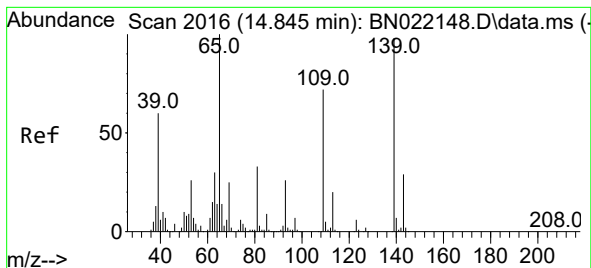
Tgt Ion:153 Resp: 620086
Ion Ratio Lower Upper
153 100
152 48.9 38.0 57.0
154 85.4 71.1 106.7



#53
2,4-Dinitrophenol
Concen: 14.340 ng/ul
RT: 14.751 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:184 Resp: 71788
Ion Ratio Lower Upper
184 100
63 72.8 56.8 85.2
154 63.3 49.0 73.6

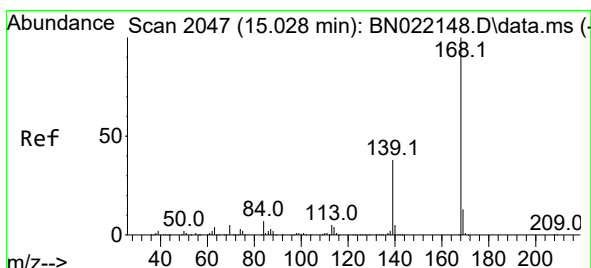
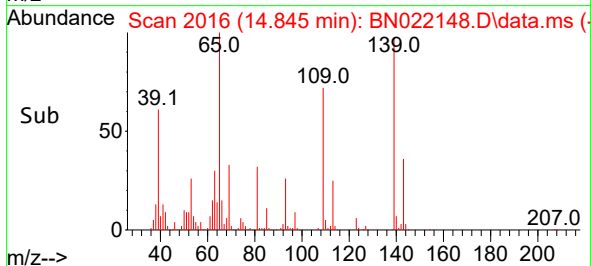
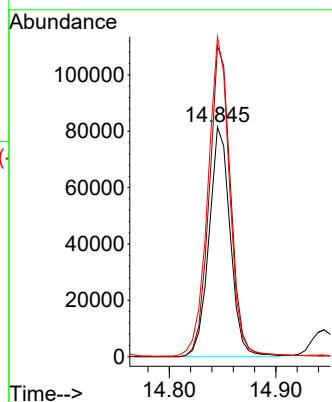
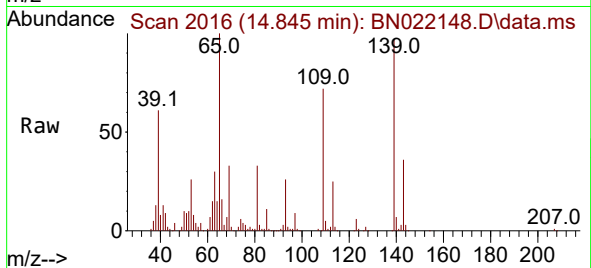




#55
4-Nitrophenol
Concen: 17.719 ng/ul
RT: 14.845 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

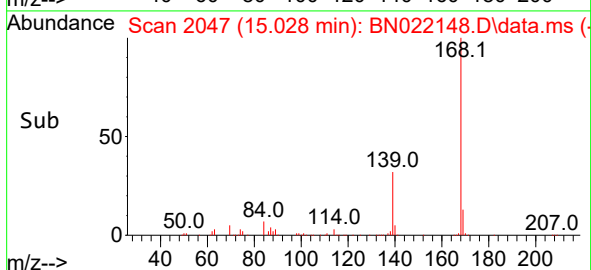
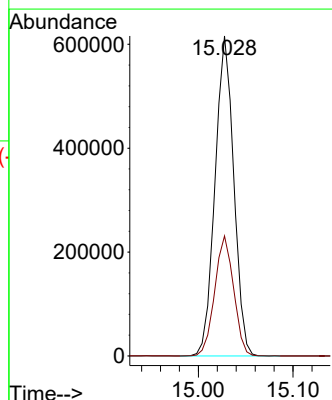
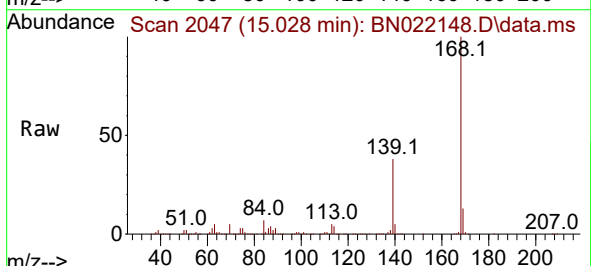
Instrument :
BNA_N
ClientSampleId :

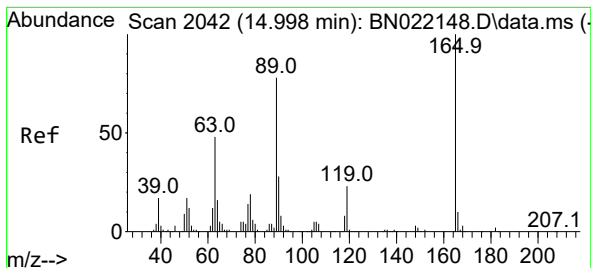
Tgt Ion:109 Resp: 112558
Ion Ratio Lower Upper
109 100
139 135.3 108.3 162.5
65 139.2 107.9 161.9



#56
Dibenzofuran
Concen: 18.644 ng/ul
RT: 15.028 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:168 Resp: 844480
Ion Ratio Lower Upper
168 100
139 37.5 30.6 45.8

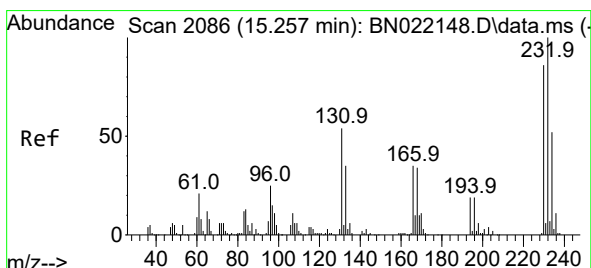
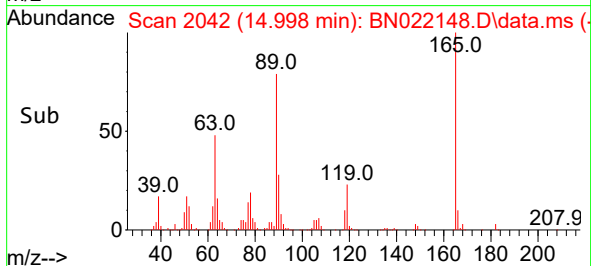
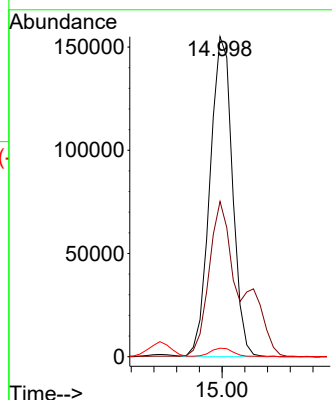
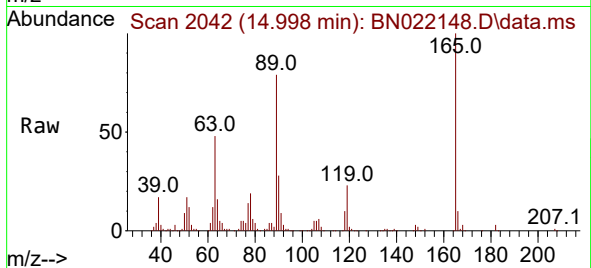




#57
2,4-Dinitrotoluene
Concen: 19.723 ng/ul
RT: 14.998 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

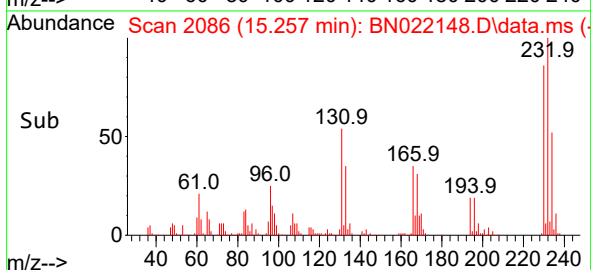
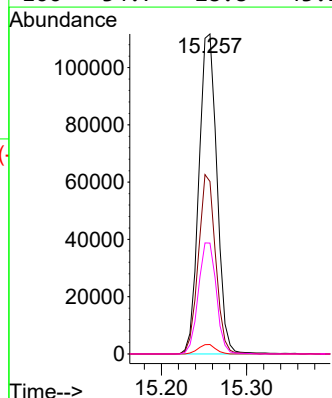
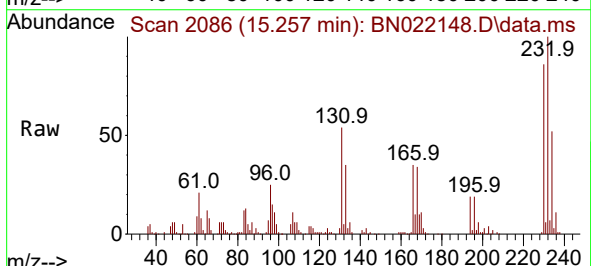
Instrument :
BNA_N
ClientSampleId :

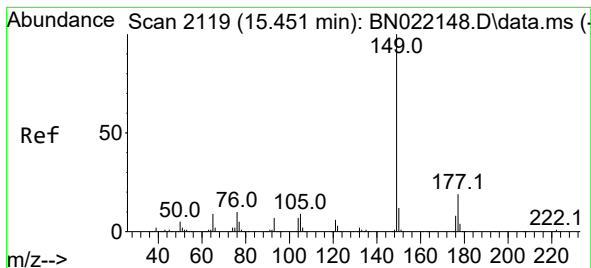
Tgt Ion:165 Resp: 213533
Ion Ratio Lower Upper
165 100
63 48.5 36.2 54.4
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.032 ng/ul
RT: 15.257 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:232 Resp: 164285
Ion Ratio Lower Upper
232 100
131 53.9 44.4 66.6
130 3.0 2.2 3.4
166 34.7 28.8 43.2





#59

Diethylphthalate

Concen: 18.264 ng/ul

RT: 15.451 min Scan# 2119

Delta R.T. -0.006 min

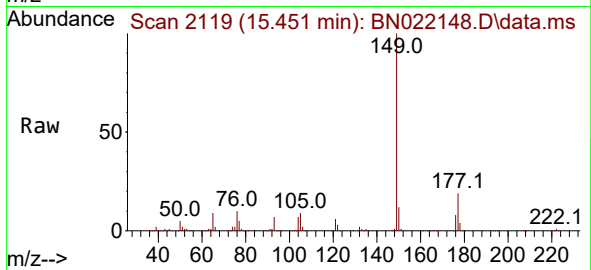
Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :



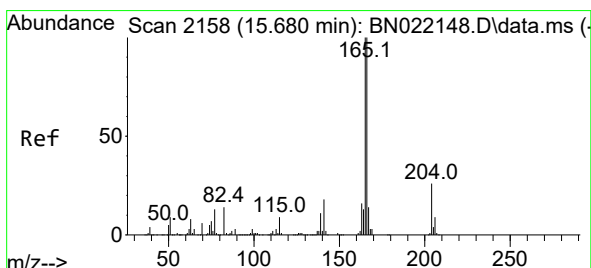
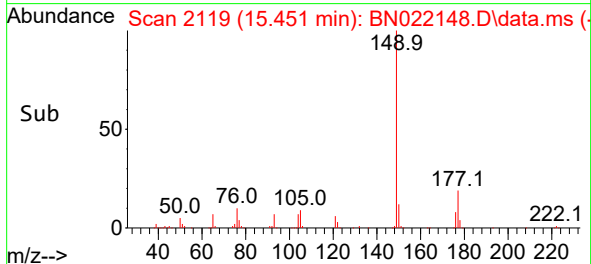
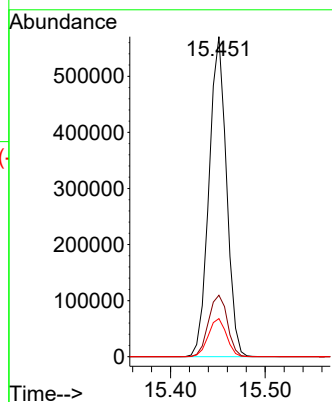
Tgt Ion:149 Resp: 731919

Ion Ratio Lower Upper

149 100

177 19.2 17.5 26.3

150 11.9 9.8 14.8



#61

Fluorene

Concen: 18.622 ng/ul

RT: 15.680 min Scan# 2158

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

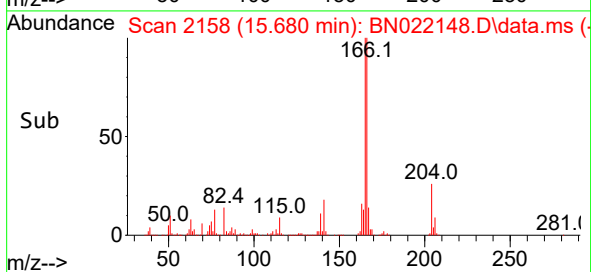
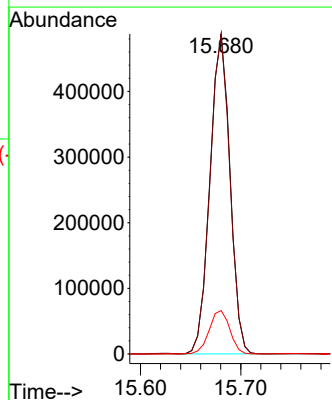
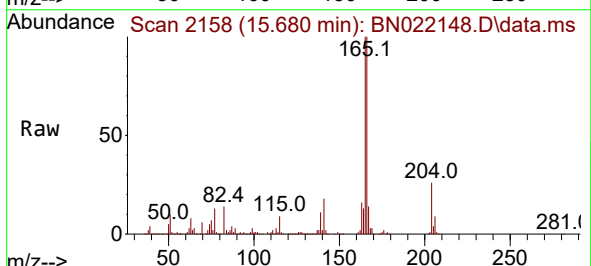
Tgt Ion:166 Resp: 678090

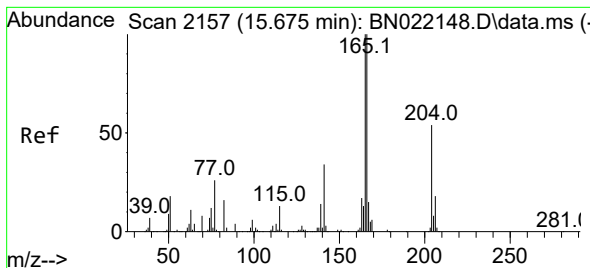
Ion Ratio Lower Upper

166 100

165 100.1 72.8 109.2

167 13.6 10.6 16.0

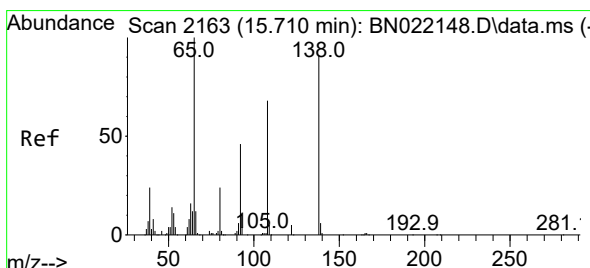
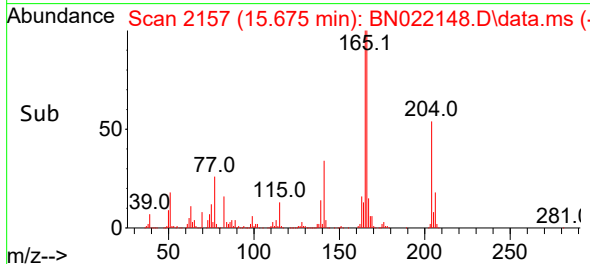
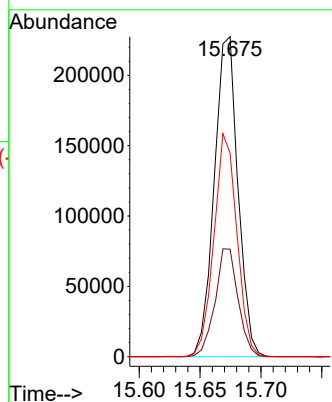
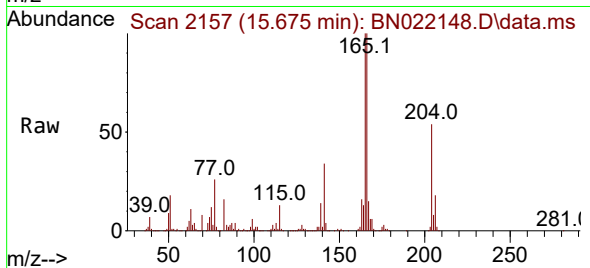




#62
 4-Chlorophenyl-phenylether
 Concen: 18.087 ng/ul
 RT: 15.675 min Scan# 2157
 Delta R.T. -0.006 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

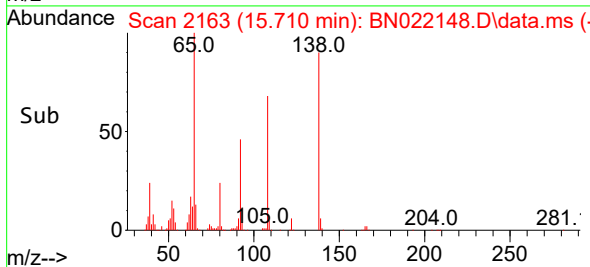
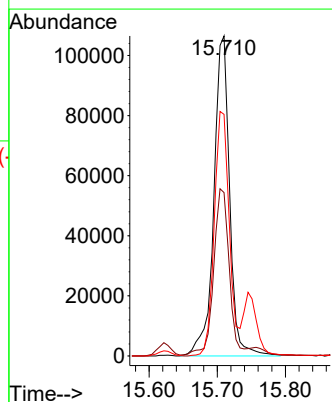
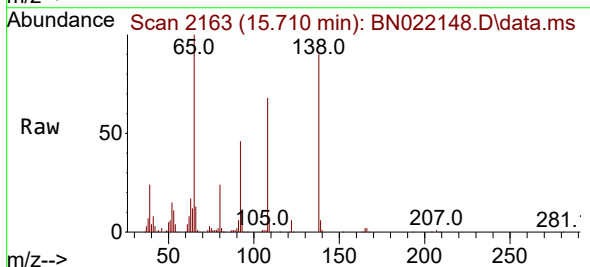
Instrument :
 BNA_N
 ClientSampleId :

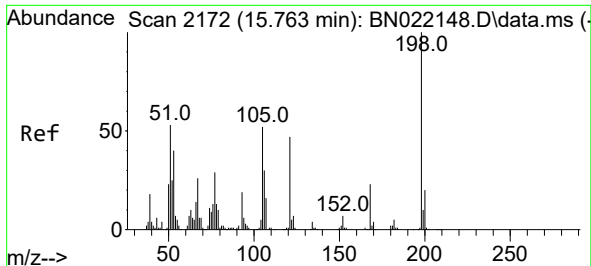
Tgt Ion:204 Resp: 308598
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.2 39.2
 141 63.5 52.0 78.0



#63
 4-Nitroaniline
 Concen: 21.141 ng/ul
 RT: 15.710 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

Tgt Ion:138 Resp: 172127
 Ion Ratio Lower Upper
 138 100
 92 51.1 41.8 62.8
 108 75.5 60.4 90.6

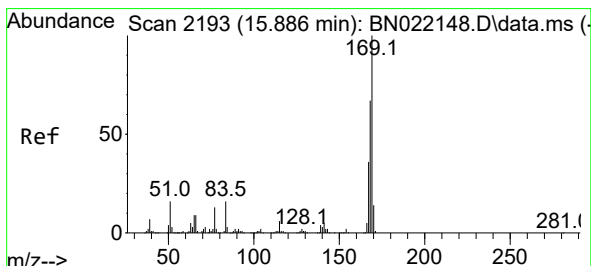
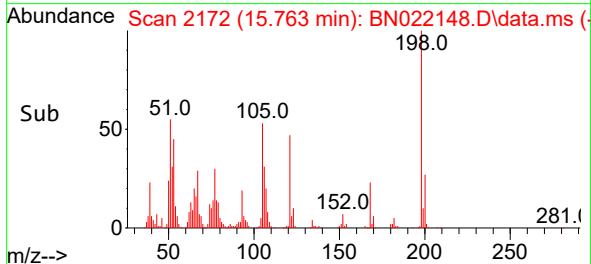
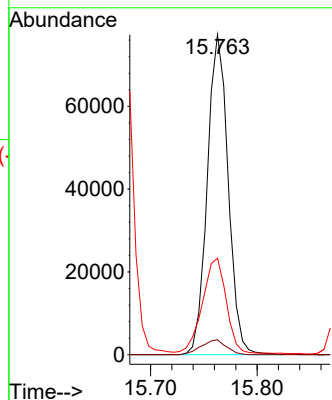
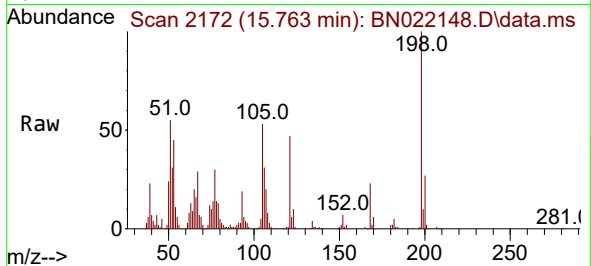




#66
 4,6-Dinitro-2-methylphenol
 Concen: 16.018 ng/ul
 RT: 15.763 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

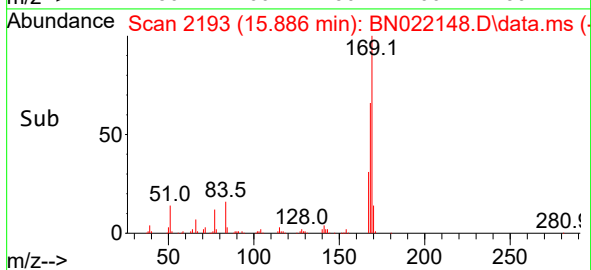
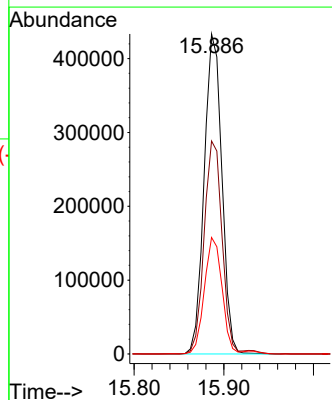
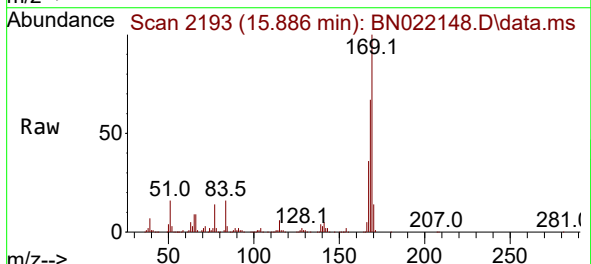
Instrument :
 BNA_N
 ClientSampleId :

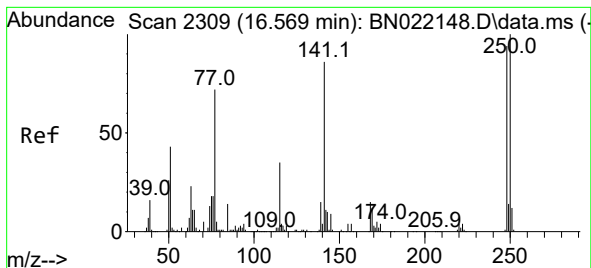
Tgt Ion:198 Resp: 105636
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.8 5.8
 77 30.1 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 19.052 ng/ul
 RT: 15.886 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

Tgt Ion:169 Resp: 593229
 Ion Ratio Lower Upper
 169 100
 168 66.5 50.9 76.3
 167 36.4 28.2 42.4

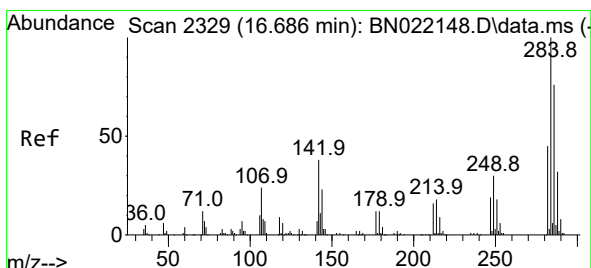
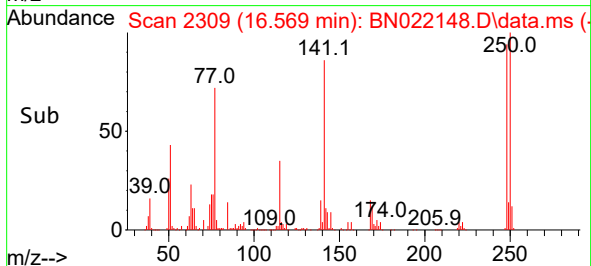
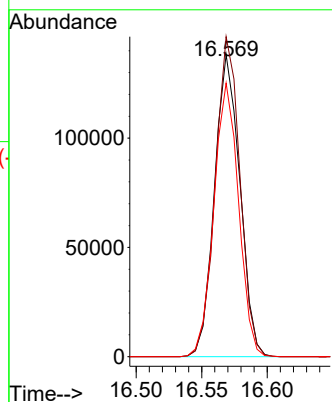
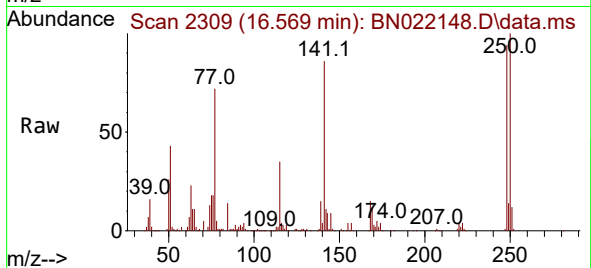




#68
4-Bromophenyl-phenylether
Concen: 19.545 ng/ul
RT: 16.569 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

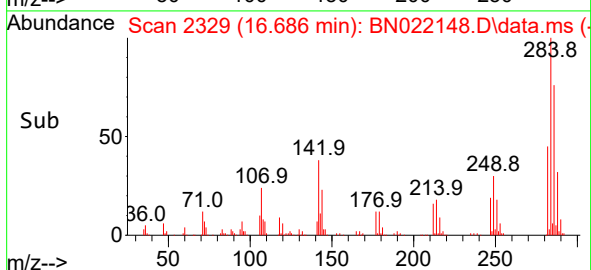
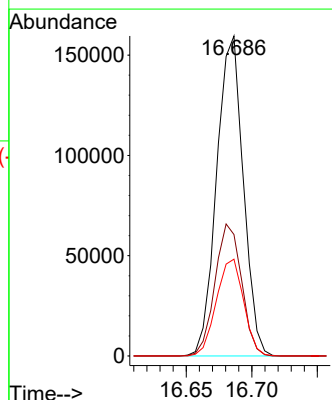
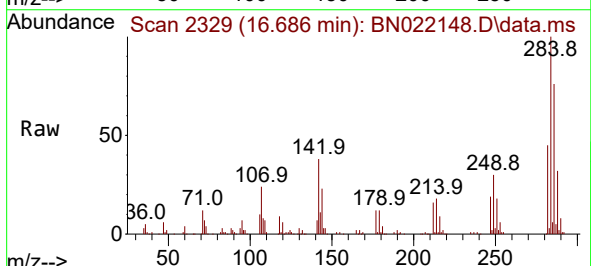
Instrument :
BNA_N
ClientSampleId :

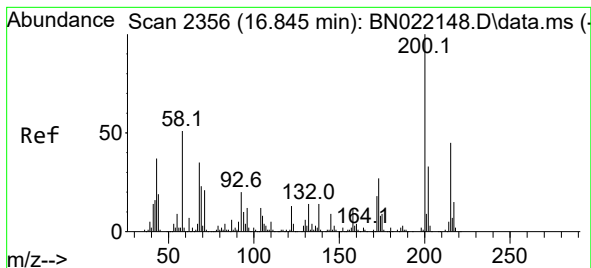
Tgt Ion:248 Resp: 185899
Ion Ratio Lower Upper
248 100
250 105.9 86.3 129.5
141 90.6 74.2 111.4



#69
Hexachlorobenzene
Concen: 19.453 ng/ul
RT: 16.686 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BN022148.D
Acq: 17 Oct 2022 12:53

Tgt Ion:284 Resp: 225226
Ion Ratio Lower Upper
284 100
142 38.0 35.7 53.5
249 30.2 27.0 40.6





#70

Atrazine

Concen: 19.053 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

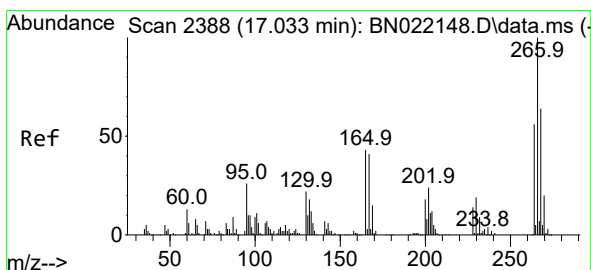
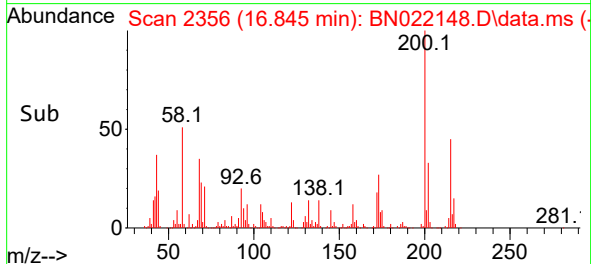
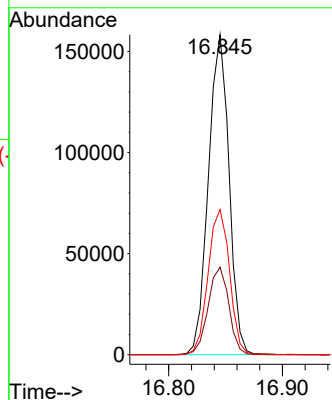
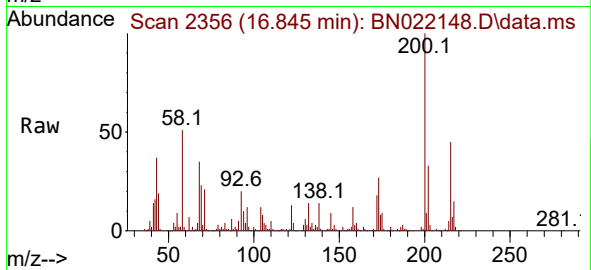
Tgt Ion:200 Resp: 199787

Ion Ratio Lower Upper

200 100

173 27.3 22.8 34.2

215 45.4 38.1 57.1



#71

Pentachlorophenol

Concen: 18.222 ng/ul

RT: 17.033 min Scan# 2388

Delta R.T. -0.000 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

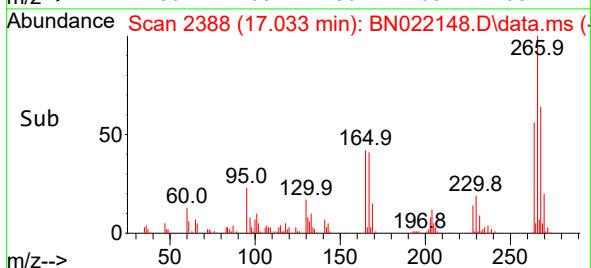
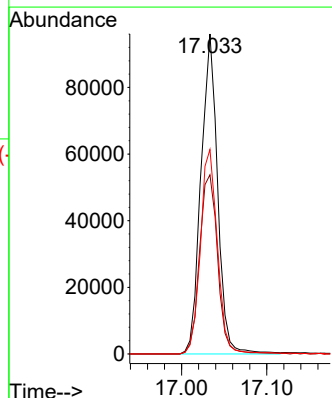
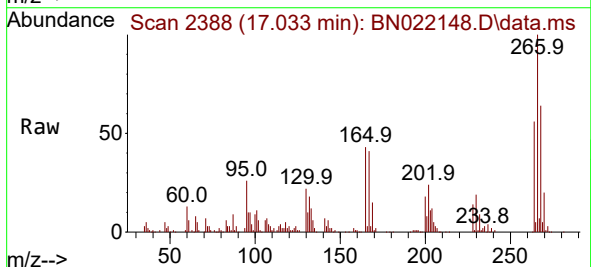
Tgt Ion:266 Resp: 130462

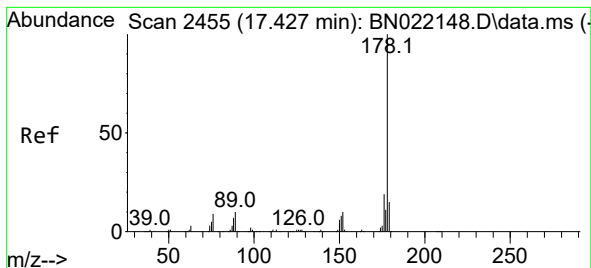
Ion Ratio Lower Upper

266 100

264 56.0 52.7 79.1

268 63.9 54.6 82.0





#72

Phenanthrene

Concen: 18.536 ng/u1

RT: 17.427 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

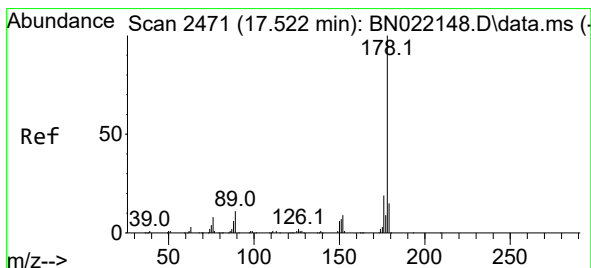
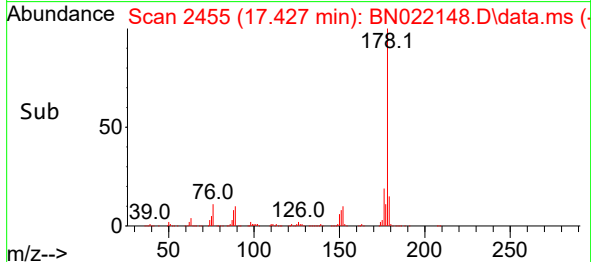
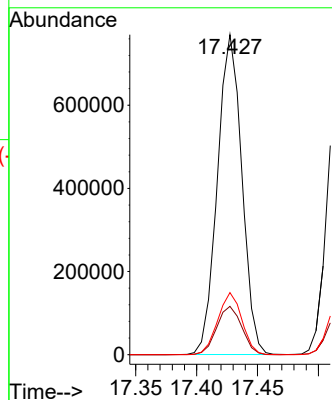
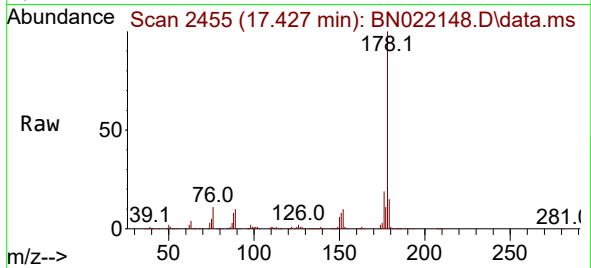
Tgt Ion:178 Resp: 1076642

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.4 16.5 24.7



#74

Anthracene

Concen: 19.073 ng/u1

RT: 17.522 min Scan# 2471

Delta R.T. -0.000 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

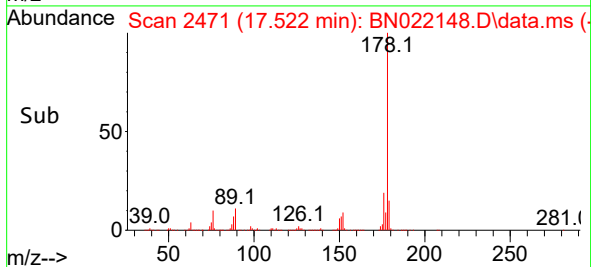
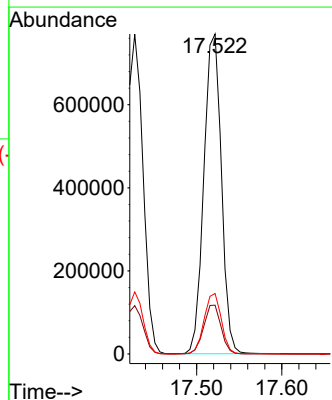
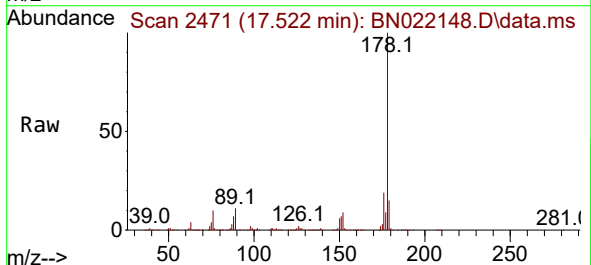
Tgt Ion:178 Resp: 1100337

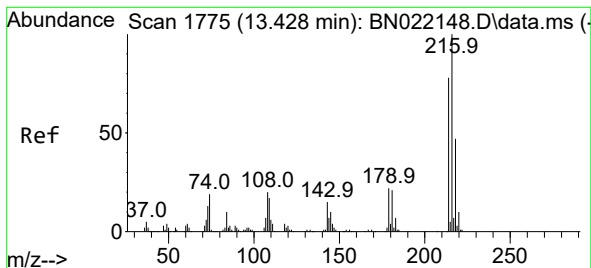
Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

176 18.9 15.8 23.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.700 ng/uL

RT: 13.428 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

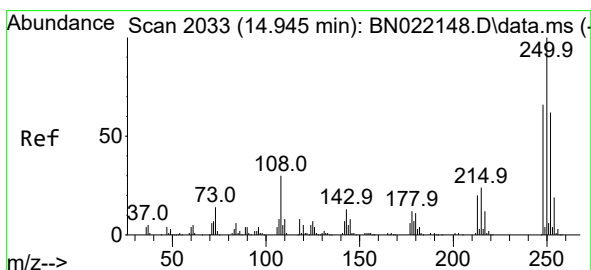
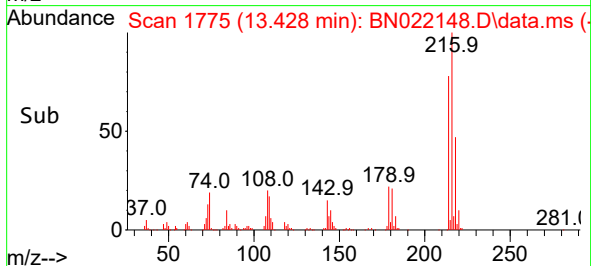
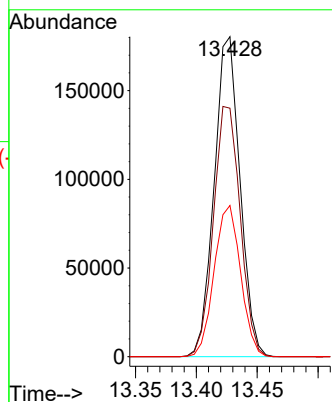
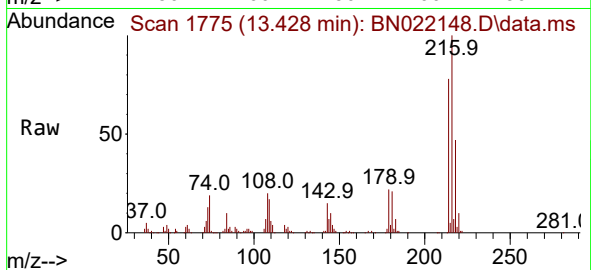
Tgt Ion:216 Resp: 266788

Ion Ratio Lower Upper

216 100

214 77.7 61.2 91.8

218 47.2 39.4 59.0



#76

Pentachlorobenzene

Concen: 18.941 ng/uL

RT: 14.945 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

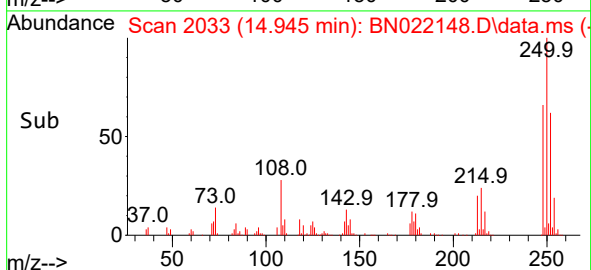
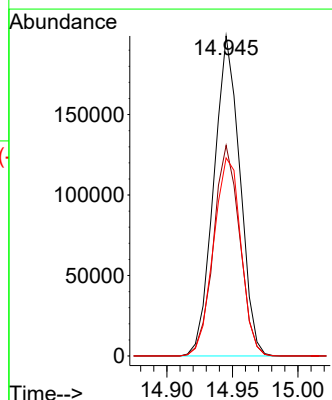
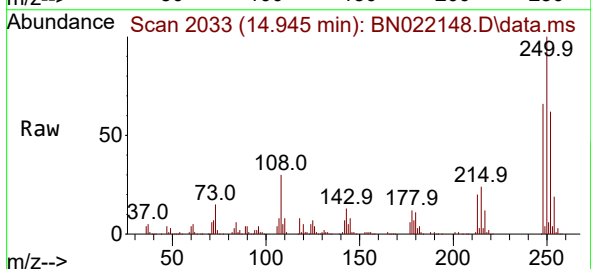
Tgt Ion:250 Resp: 275330

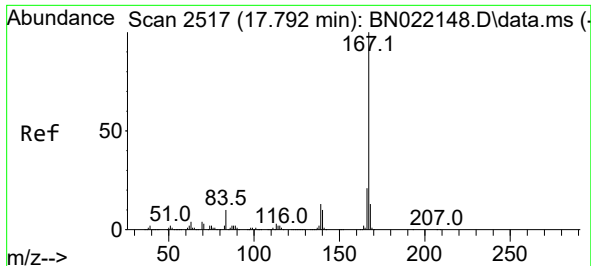
Ion Ratio Lower Upper

250 100

248 65.8 46.8 70.2

252 61.9 53.9 80.9

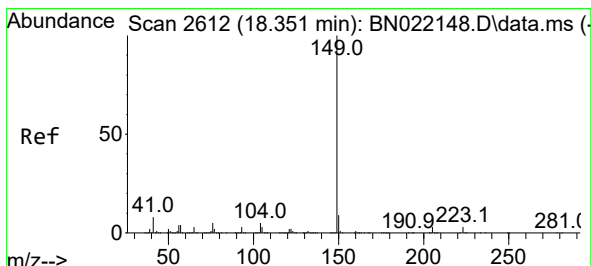
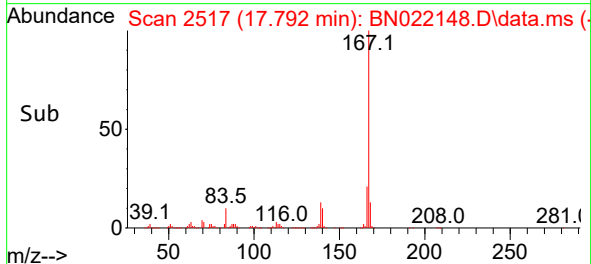
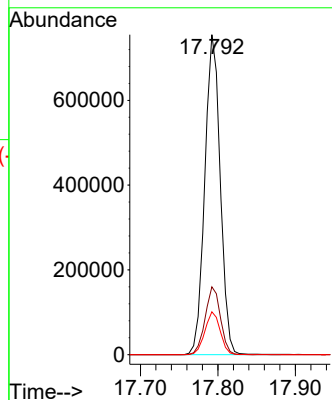
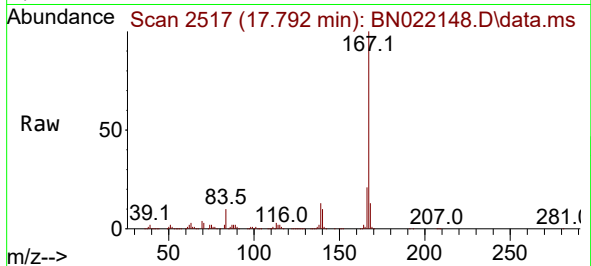




#77
 Carbazole
 Concen: 19.591 ng/ul
 RT: 17.792 min Scan# 2517
 Delta R.T. -0.006 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

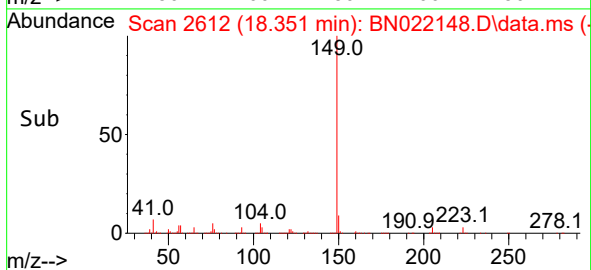
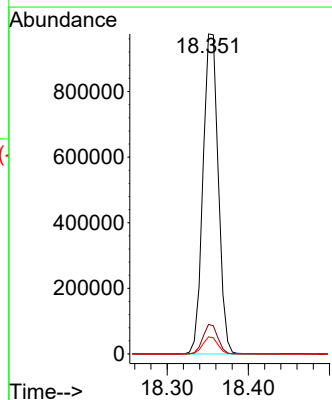
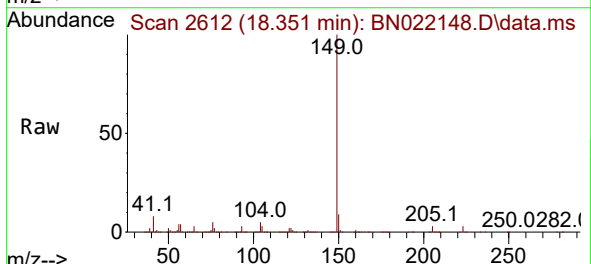
Instrument :
 BNA_N
 ClientSampleId :

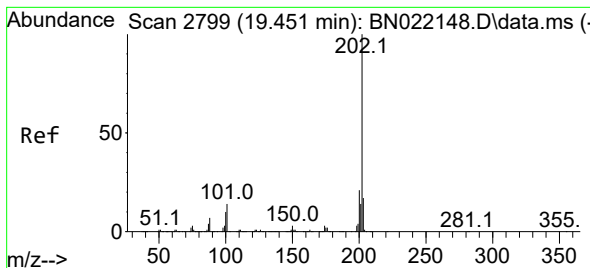
Tgt Ion:167 Resp: 1045402
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.4 10.7 16.1



#78
 Di-n-butylphthalate
 Concen: 19.280 ng/ul
 RT: 18.351 min Scan# 2612
 Delta R.T. -0.006 min
 Lab File: BN022148.D
 Acq: 17 Oct 2022 12:53

Tgt Ion:149 Resp: 1275077
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.4 4.2 6.2





#80

Fluoranthene

Concen: 20.598 ng/ul

RT: 19.451 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

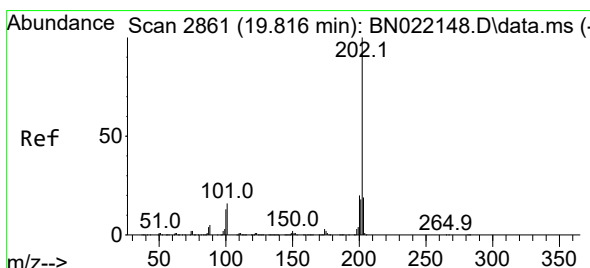
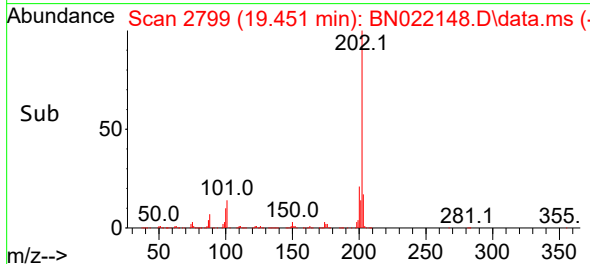
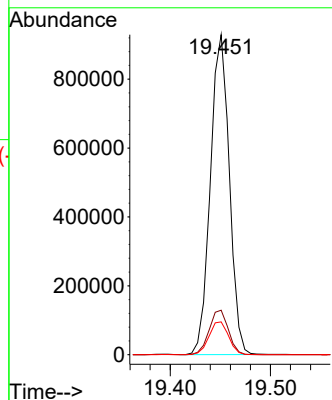
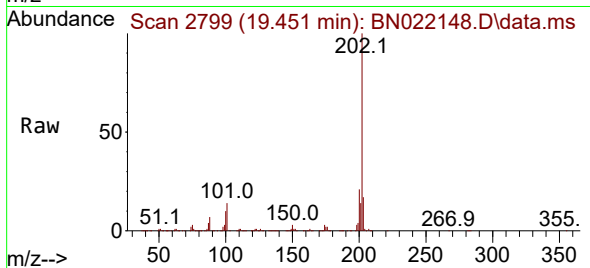
Tgt Ion:202 Resp: 1222794

Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

100 10.3 7.8 11.8



#82

Pyrene

Concen: 20.167 ng/ul

RT: 19.816 min Scan# 2861

Delta R.T. -0.000 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

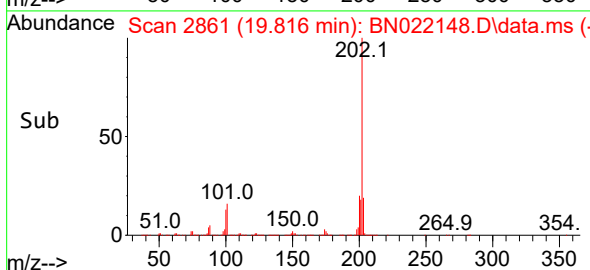
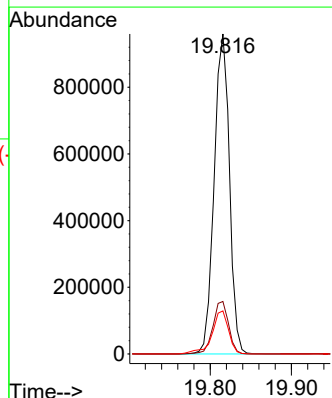
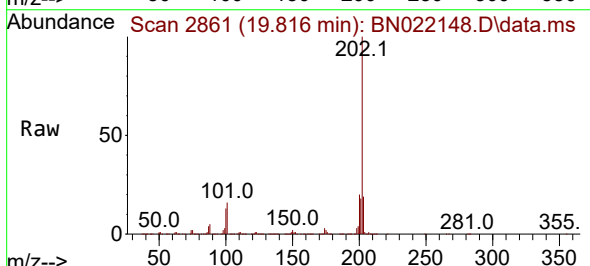
Tgt Ion:202 Resp: 1252479

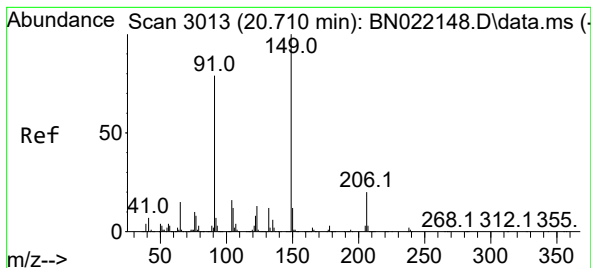
Ion Ratio Lower Upper

202 100

101 16.4 13.4 20.0

100 13.4 10.9 16.3





#83

Butylbenzylphthalate

Concen: 21.393 ng/ul

RT: 20.710 min Scan# 3013

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

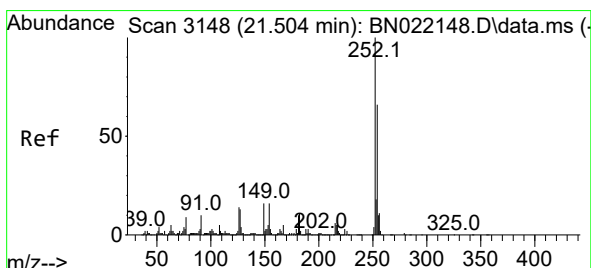
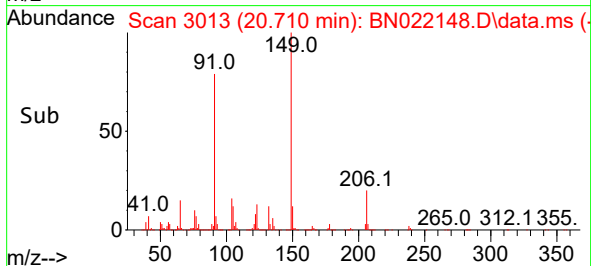
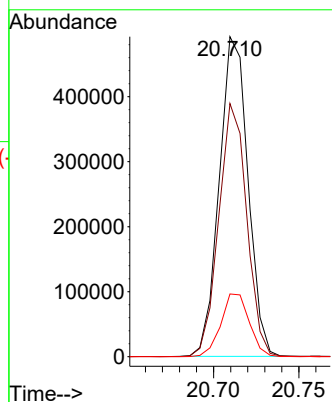
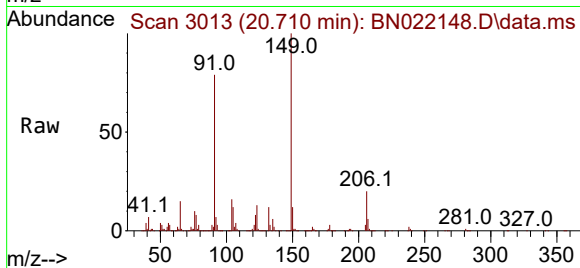
Tgt Ion:149 Resp: 576434

Ion Ratio Lower Upper

149 100

91 79.1 61.7 92.5

206 19.6 14.7 22.1



#84

3,3'-Dichlorobenzidine

Concen: 16.991 ng/ul

RT: 21.504 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

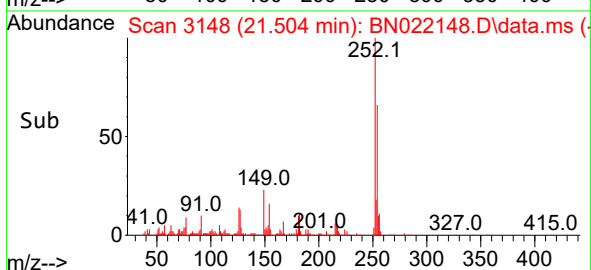
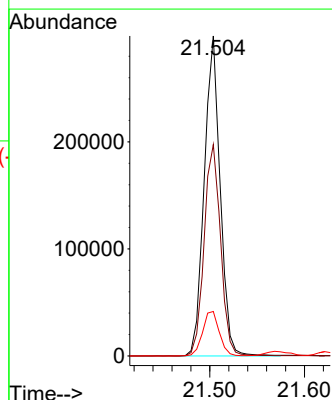
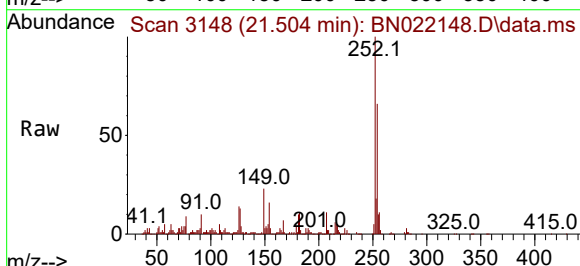
Tgt Ion:252 Resp: 349029

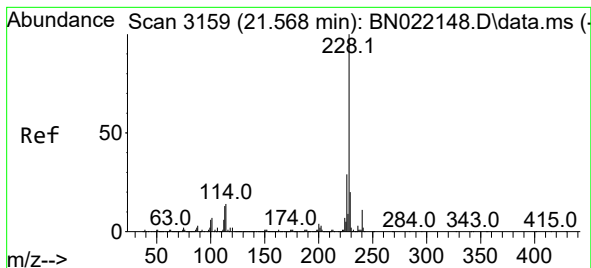
Ion Ratio Lower Upper

252 100

254 66.1 52.9 79.3

126 13.9 11.2 16.8





#85

Benzo(a)anthracene

Concen: 18.644 ng/ul

RT: 21.568 min Scan# 3159

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

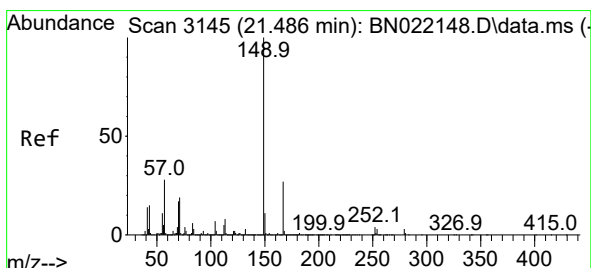
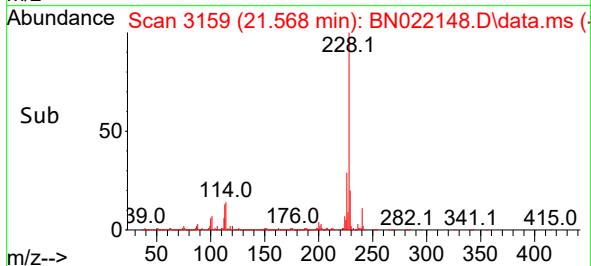
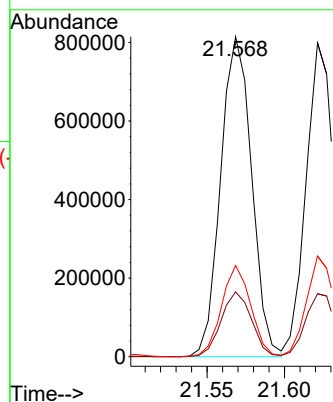
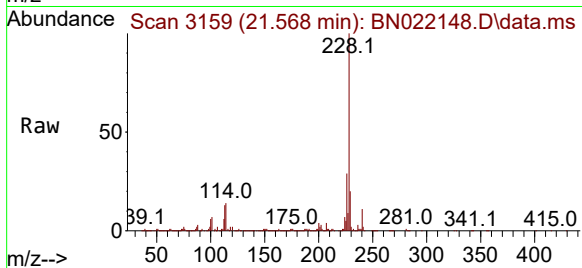
Tgt Ion:228 Resp: 1131560

Ion Ratio Lower Upper

228 100

229 20.3 13.5 20.3

226 28.5 21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.071 ng/ul

RT: 21.486 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

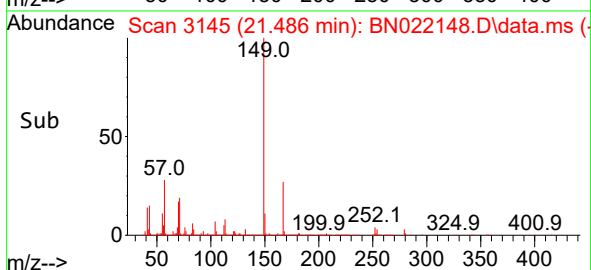
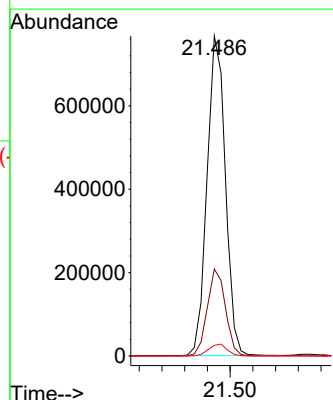
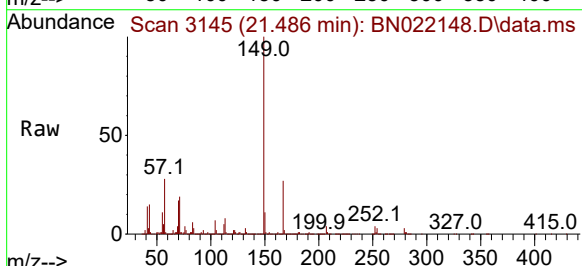
Tgt Ion:149 Resp: 860135

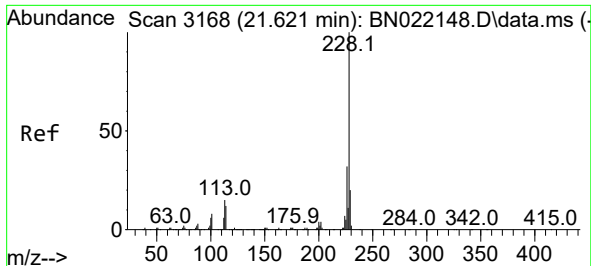
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.3 2.9 4.3





#87

Chrysene

Concen: 17.230 ng/ul

RT: 21.621 min Scan# 3168

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

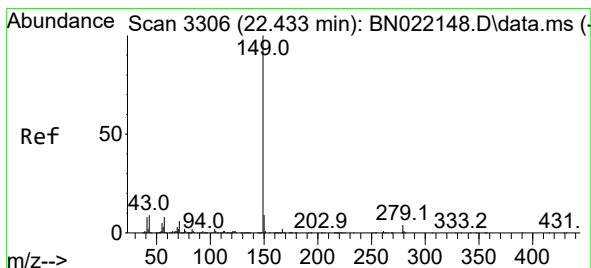
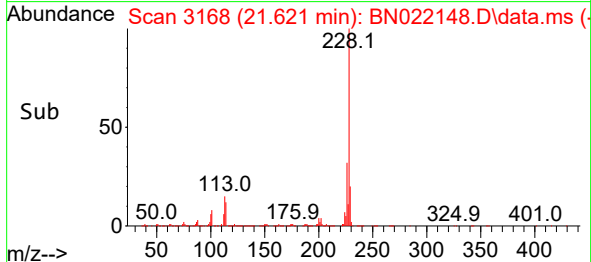
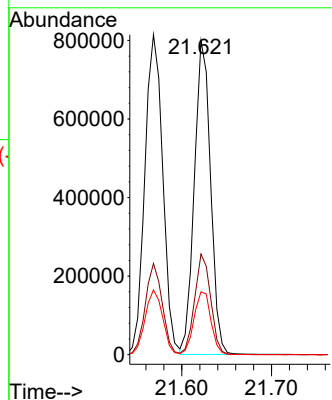
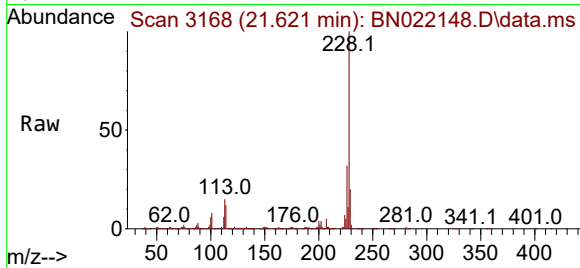
Tgt Ion:228 Resp: 1004962

Ion Ratio Lower Upper

228 100

226 32.1 23.8 35.8

229 20.0 16.5 24.7



#89

Di-n-octyl phthalate

Concen: 26.385 ng/ul

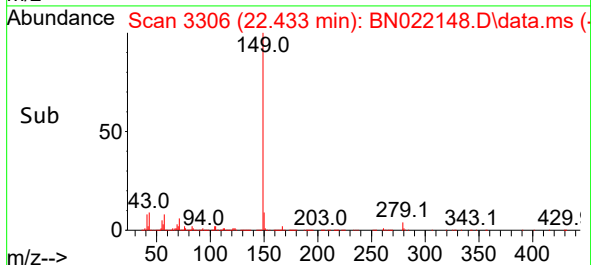
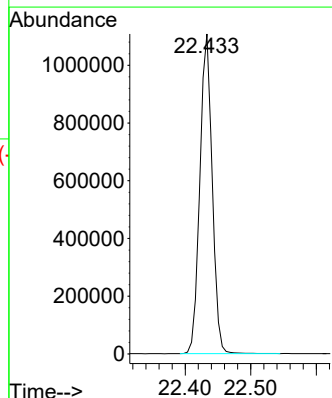
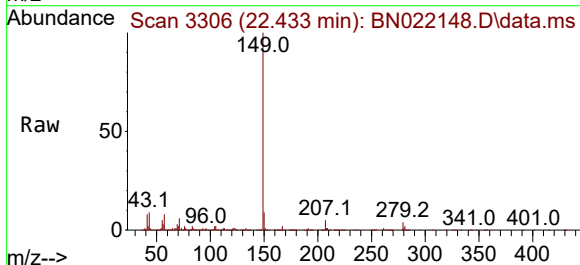
RT: 22.433 min Scan# 3306

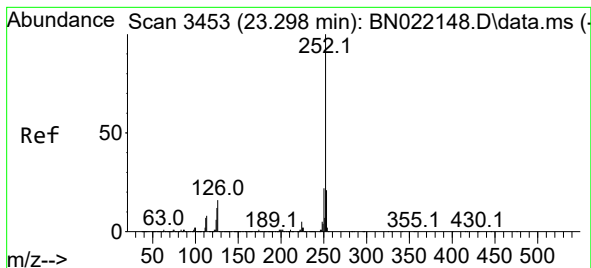
Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Tgt Ion:149 Resp: 1450146





#90

Benzo(b)fluoranthene

Concen: 20.823 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. -0.000 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

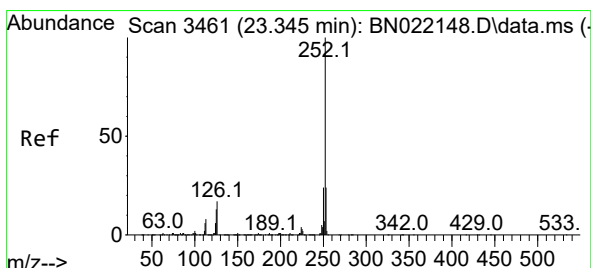
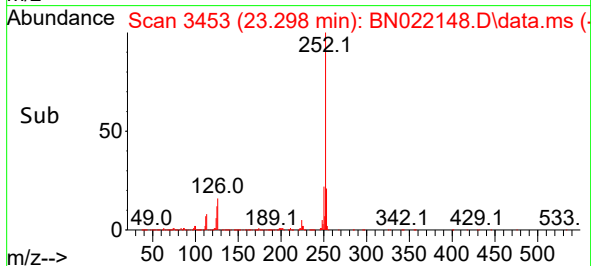
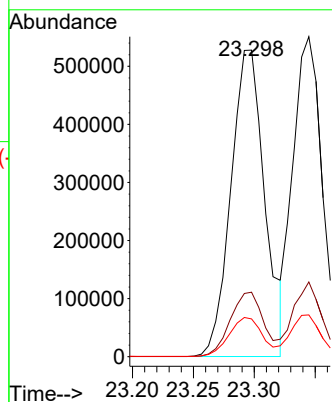
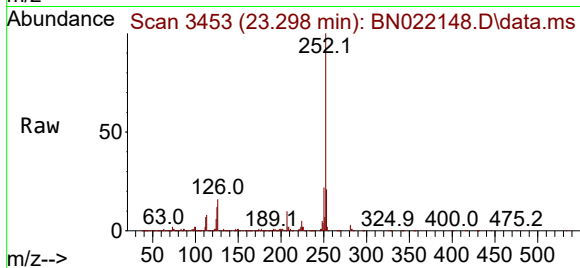
Tgt Ion:252 Resp: 1018750

Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 12.3 10.7 16.1



#91

Benzo(k)fluoranthene

Concen: 19.167 ng/ul

RT: 23.345 min Scan# 3461

Delta R.T. -0.006 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

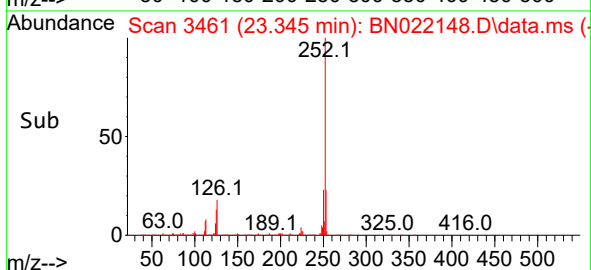
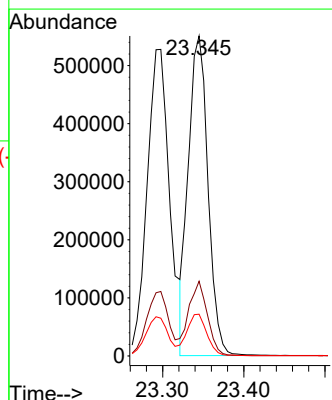
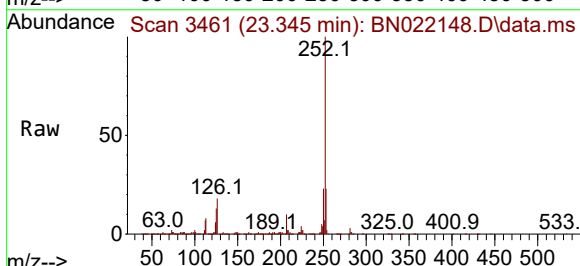
Tgt Ion:252 Resp: 926469

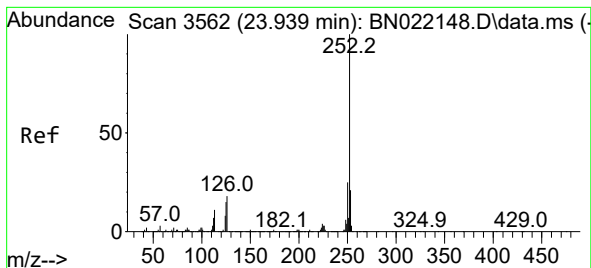
Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 13.0 10.6 15.8





#93

Benzo(a)pyrene

Concen: 18.611 ng/ul

RT: 23.939 min Scan# 3562

Delta R.T. -0.012 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

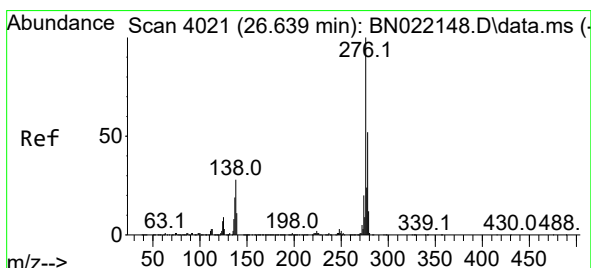
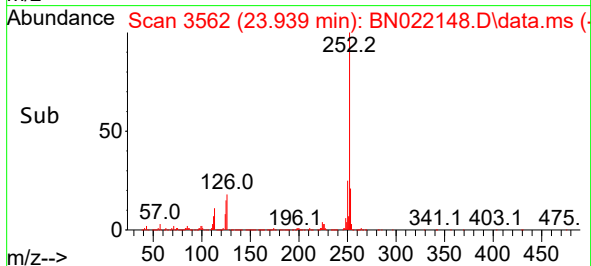
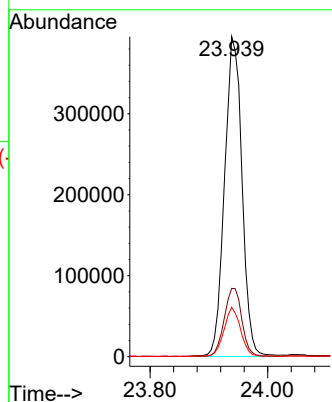
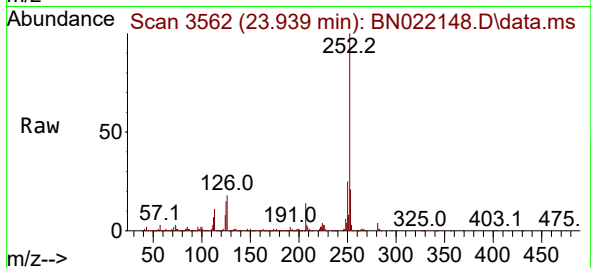
Tgt Ion:252 Resp: 813823

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 15.5 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.071 ng/ul

RT: 26.639 min Scan# 4021

Delta R.T. -0.024 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

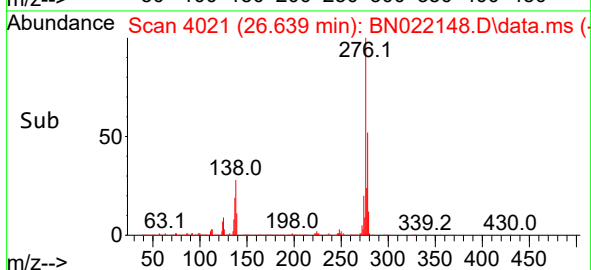
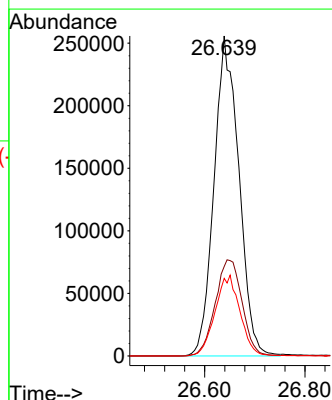
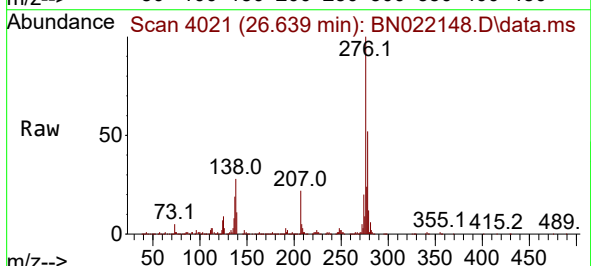
Tgt Ion:276 Resp: 878371

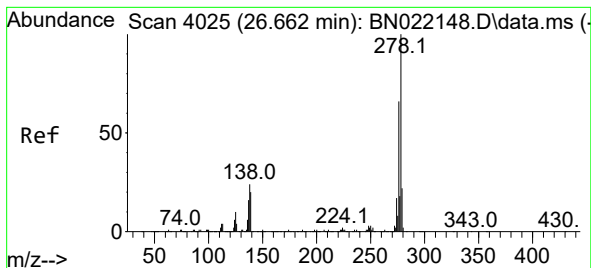
Ion Ratio Lower Upper

276 100

138 28.0 24.6 36.8

277 24.3 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 16.250 ng/ul

RT: 26.662 min Scan# 4025

Delta R.T. -0.012 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Instrument :

BNA_N

ClientSampleId :

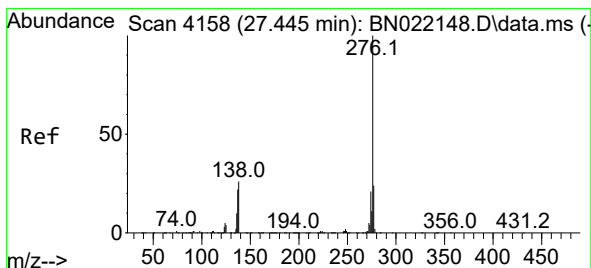
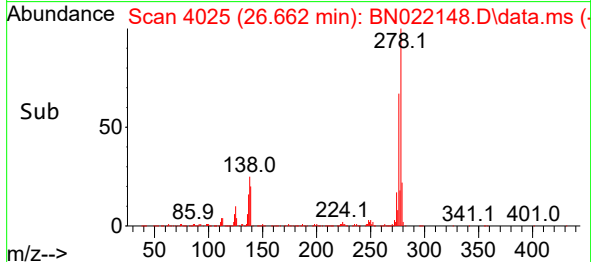
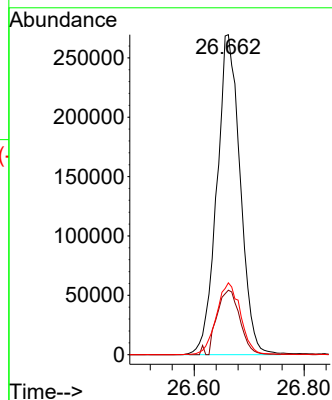
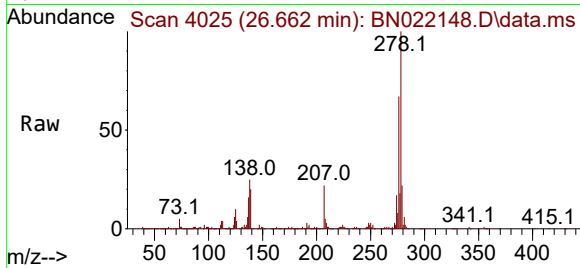
Tgt Ion:278 Resp: 794601

Ion Ratio Lower Upper

278 100

139 20.2 15.7 23.5

279 22.5 16.5 24.7



#96

Benzo(g,h,i)perylene

Concen: 15.481 ng/ul

RT: 27.445 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BN022148.D

Acq: 17 Oct 2022 12:53

Tgt Ion:276 Resp: 761217

Ion Ratio Lower Upper

276 100

138 26.1 21.2 31.8

277 23.8 17.9 26.9

