

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022680.D
 Acq On : 16 Nov 2022 10:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 16 11:19:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	104827	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	476905	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	301737	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	592839	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	546303	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	482924	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	22099	7.197	ng/uL	0.00
4) Pyridine-d5	3.628	84	168896	19.451	ng/u1	0.00
7) Phenol-d5	7.046	99	200413	20.242	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	118716	19.999	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	152023	20.967	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	155332	19.873	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	75464	20.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	82275	19.975	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	140408	19.996	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	207863	19.434	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	421882	19.223	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	479043	19.810	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	78030	17.835	ng/u1	0.00
60) Fluorene-d10	15.557	176	342592	19.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	64959	17.239	ng/u1	0.00
73) Anthracene-d10	17.422	188	523921	20.183	ng/u1	0.00
81) Pyrene-d10	19.727	212	550583	19.448	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	480922	19.811	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	26680	8.165	ng/uL#	90
5) Pyridine	3.646	79	174044	20.216	ng/u1	95
6) Benzaldehyde	7.010	77	109739	21.908	ng/u1	98
8) Phenol	7.075	94	208118	20.183	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.299	93	158852	19.770	ng/u1	99
12) 2-Chlorophenol	7.434	128	161318	20.836	ng/u1	99
13) 2-Methylphenol	8.334	108	154161	20.085	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	216545	20.416	ng/u1	99
16) Acetophenone	8.716	105	254058	20.365	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	135764	20.419	ng/u1	99
18) 4-Methylphenol	8.675	108	169160	20.297	ng/u1	96
19) Hexachloroethane	8.957	117	67413	20.566	ng/u1	95
22) Nitrobenzene	9.099	77	199344	19.932	ng/u1	98
23) Isophorone	9.628	82	373058	19.501	ng/u1	99
25) 2-Nitrophenol	9.816	139	90646	20.017	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	197571	20.339	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.116	93	216938	19.664	ng/u1	97
29) 2,4-Dichlorophenol	10.357	162	146263	20.494	ng/u1	99
30) Naphthalene	10.751	128	508947	20.106	ng/u1	99
32) 4-Chloroaniline	10.875	127	216919	19.420	ng/u1	99
33) Hexachlorobutadiene	11.028	225	88804	20.215	ng/u1	92
34) Caprolactam	11.675	113	31645	11.688	ng/u1	99
35) 4-Chloro-3-methylphenol	12.016	107	186651	20.052	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	343664	19.929	ng/u1	100

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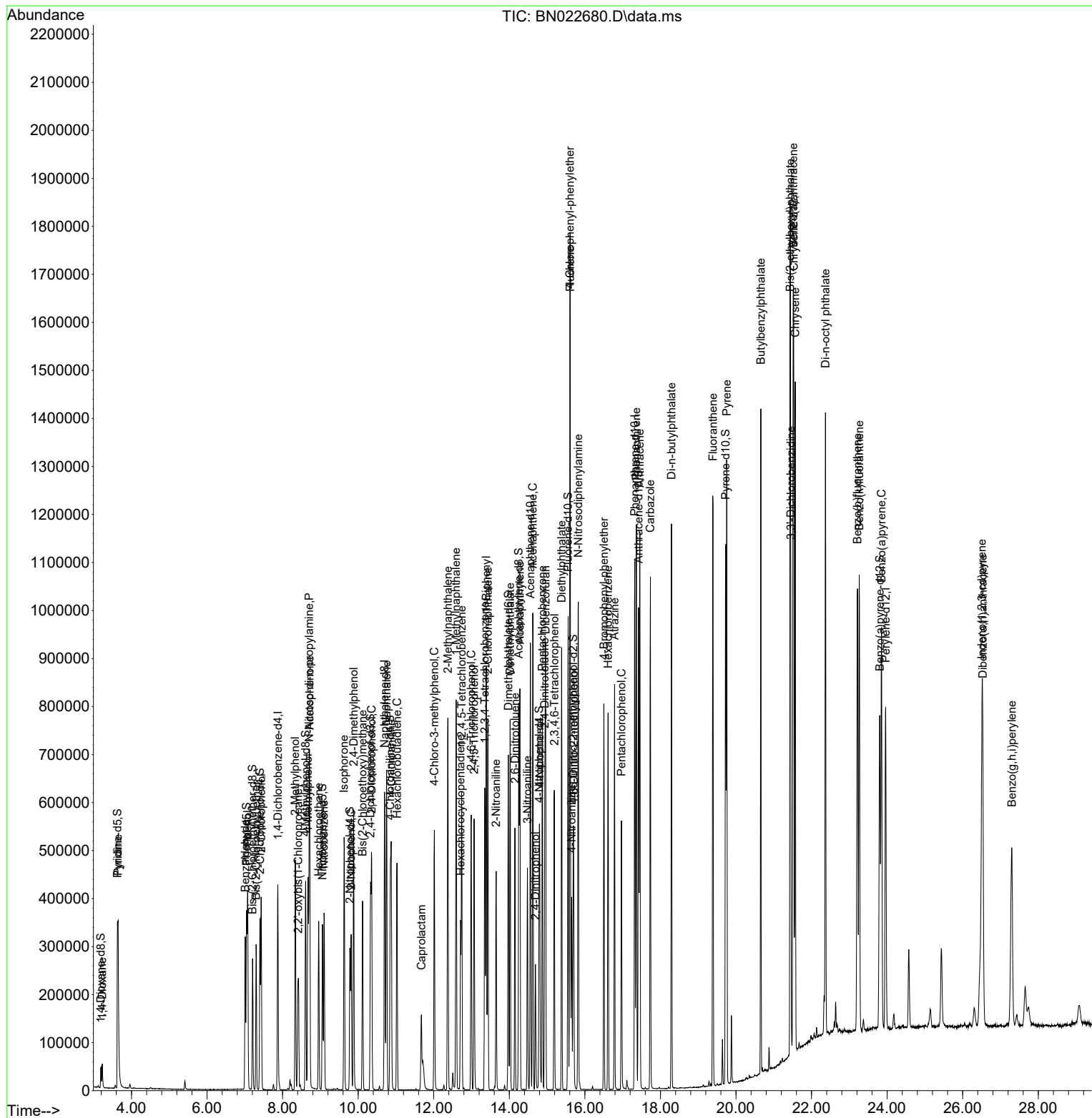
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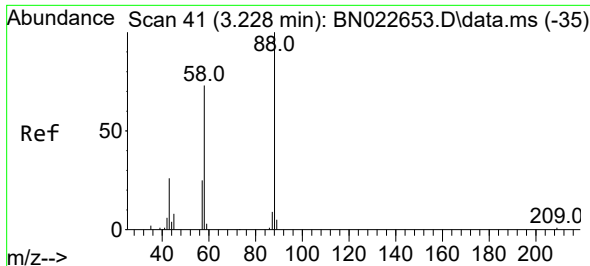
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	344392	19.923	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.740	216	162692	20.088	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	85745	18.133	ng/ul	98
41) 2,4,6-Trichlorophenol	12.993	196	110484	19.214	ng/ul	94
42) 2,4,5-Trichlorophenol	13.069	196	122709	20.151	ng/ul	95
43) 1,1'-Biphenyl	13.392	154	436770	19.720	ng/ul	99
44) 2-Chloronaphthalene	13.434	162	342200	19.828	ng/ul	97
45) 2-Nitroaniline	13.651	65	123883	19.766	ng/ul	97
47) Dimethylphthalate	14.022	163	433288	18.783	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	91505	19.596	ng/ul	99
50) Acenaphthylene	14.281	152	531521	19.675	ng/ul	98
51) 3-Nitroaniline	14.481	138	94227	18.741	ng/ul	99
52) Acenaphthene	14.622	153	374104	19.518	ng/ul	97
53) 2,4-Dinitrophenol	14.692	184	44304	13.576	ng/ul	98
55) 4-Nitrophenol	14.804	109	79700	18.377	ng/ul	98
56) Dibenzofuran	14.963	168	492936	19.464	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	133802	19.677	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.192	232	102273	19.610	ng/ul	98
59) Diethylphthalate	15.386	149	464736	19.008	ng/ul	98
61) Fluorene	15.610	166	409807	19.377	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.604	204	194943	19.555	ng/ul	97
63) 4-Nitroaniline	15.651	138	84596	18.867	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.704	198	67173	17.246	ng/ul	99
67) N-Nitrosodiphenylamine	15.828	169	356442	20.082	ng/ul	96
68) 4-Bromophenyl-phenylether	16.504	248	118237	20.253	ng/ul	97
69) Hexachlorobenzene	16.616	284	136674	20.028	ng/ul	95
70) Atrazine	16.786	200	127147	20.096	ng/ul	99
71) Pentachlorophenol	16.969	266	82327	18.987	ng/ul	99
72) Phenanthrene	17.363	178	626810	19.616	ng/ul	97
74) Anthracene	17.457	178	645771	19.952	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	162816	20.826	ng/uL	98
76) Pentachlorobenzene	14.875	250	173285	20.537	ng/uL	98
77) Carbazole	17.733	167	595088	19.788	ng/ul	98
78) Di-n-butylphthalate	18.292	149	797817	18.641	ng/ul	100
80) Fluoranthene	19.392	202	687866	19.467	ng/ul	98
82) Pyrene	19.757	202	723567	19.990	ng/ul	99
83) Butylbenzylphthalate	20.657	149	354932	19.264	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	228525	18.959	ng/ul	98
85) Benzo(a)anthracene	21.516	228	660177	18.300	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.433	149	510753	18.782	ng/ul	99
87) Chrysene	21.569	228	628567	18.399	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	844320	19.879	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	637226	19.471	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	621853	20.018	ng/ul	99
93) Benzo(a)pyrene	23.851	252	531630	19.164	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	572866	18.158	ng/ul	98
95) Dibenzo(a,h)anthracene	26.533	278	515003	18.213	ng/ul	99
96) Benzo(g,h,i)perylene	27.304	276	492339	17.898	ng/ul	98

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

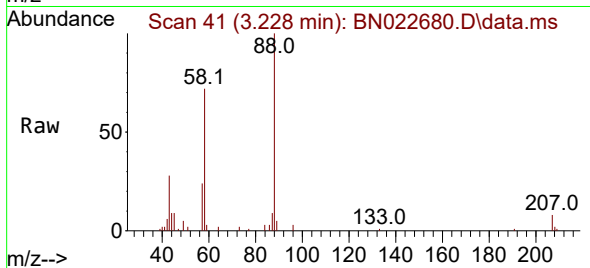
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 22:53:43 2022
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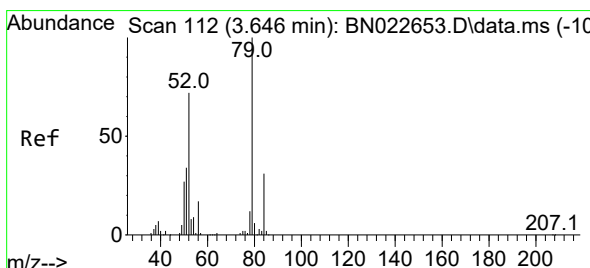
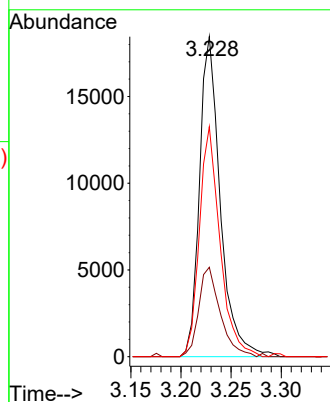
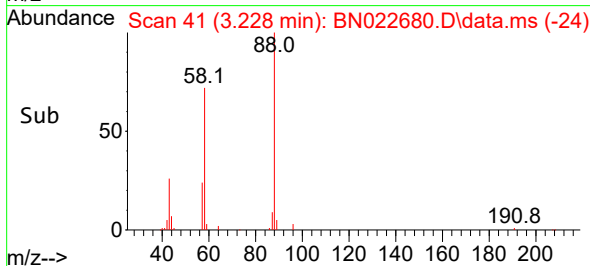


#2
1,4-Dioxane
Concen: 8.165 ng/uL
RT: 3.228 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022680.D
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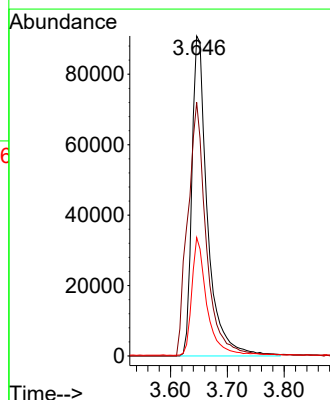
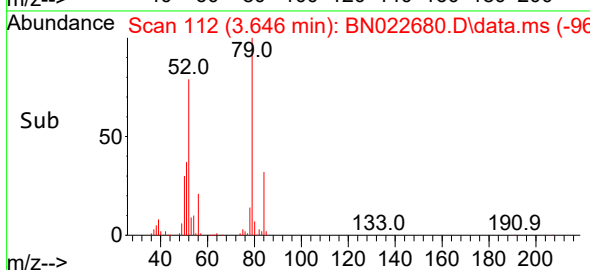
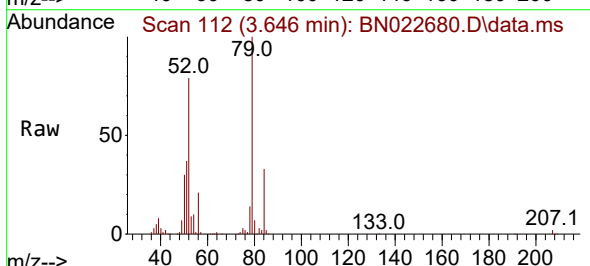


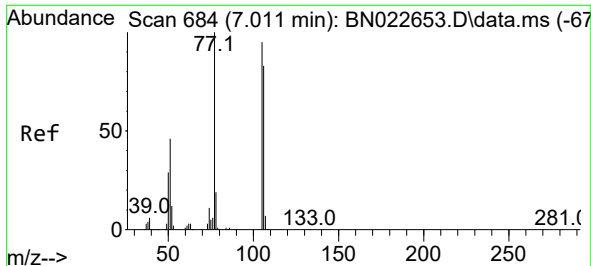
Tgt Ion: 88 Resp: 26680
Ion Ratio Lower Upper
88 100
43 28.0 30.8 46.2#
58 71.8 61.7 92.5



#5
Pyridine
Concen: 20.216 ng/uL
RT: 3.646 min Scan# 112
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion: 79 Resp: 174044
Ion Ratio Lower Upper
79 100
52 79.3 58.6 88.0
51 37.0 28.8 43.2

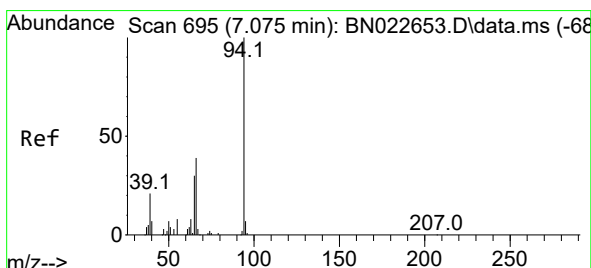
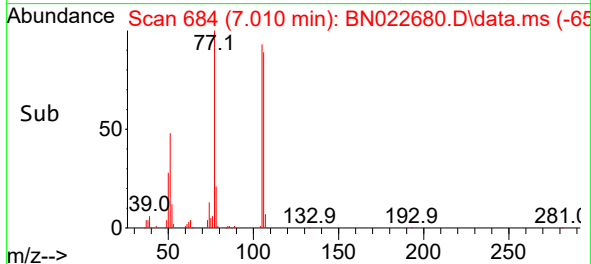
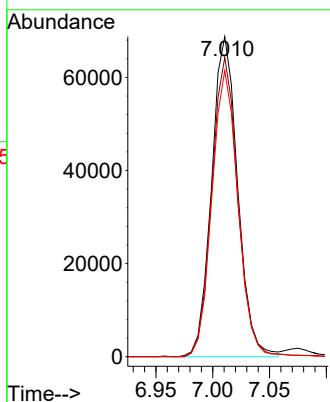
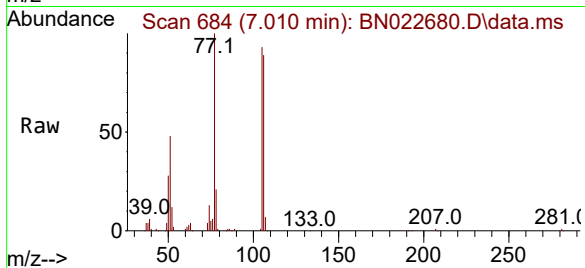




#6
Benzaldehyde
Concen: 21.908 ng/ul
RT: 7.010 min Scan# 610
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

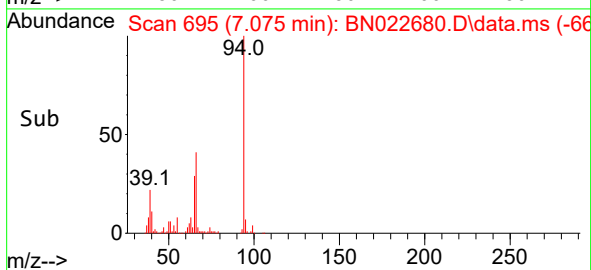
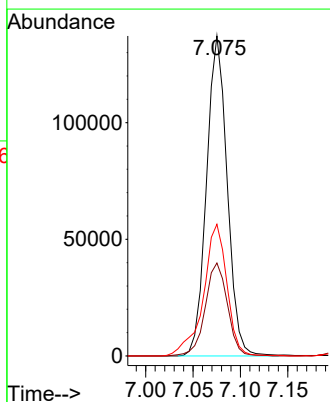
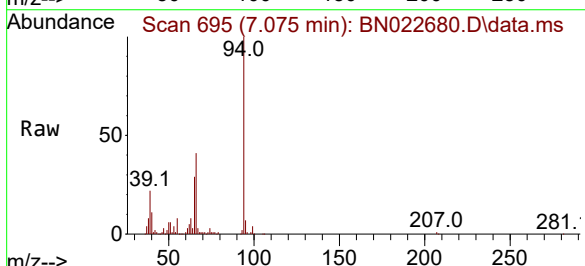
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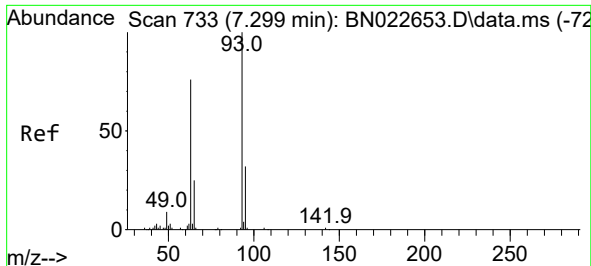
Tgt Ion: 77 Resp: 109739
Ion Ratio Lower Upper
77 100
105 93.5 75.2 112.8
106 89.4 69.0 103.6



#8
Phenol
Concen: 20.183 ng/ul
RT: 7.075 min Scan# 695
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

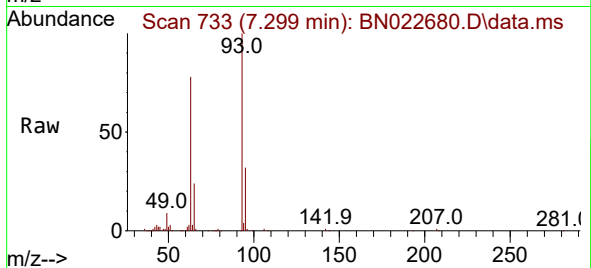
Tgt Ion: 94 Resp: 208118
Ion Ratio Lower Upper
94 100
65 29.1 24.3 36.5
66 41.1 33.5 50.3



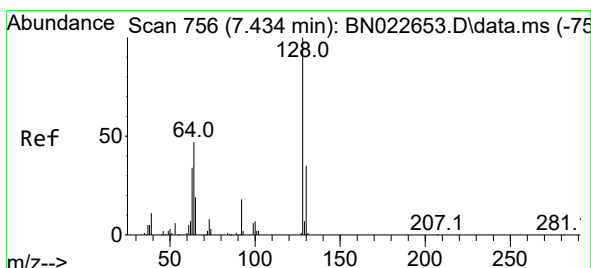
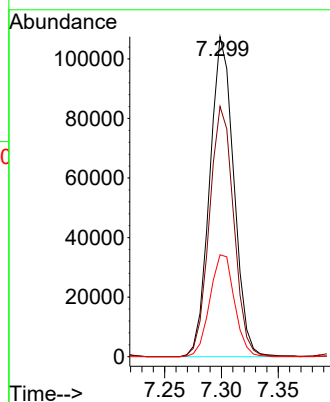
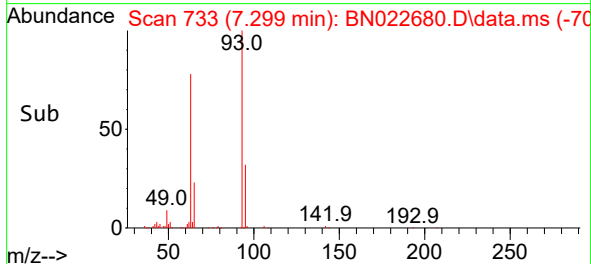


#10
Bis(2-Chloroethyl)ether
Concen: 19.770 ng/ul
RT: 7.299 min Scan# 733
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

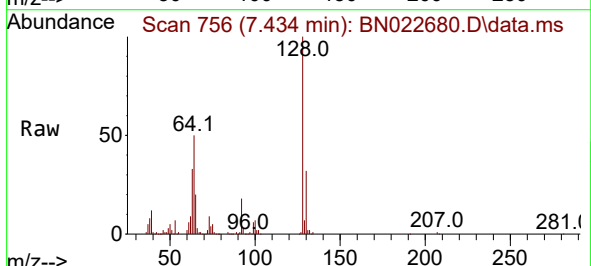
Instrument :
BNA_N
ClientSampleId :



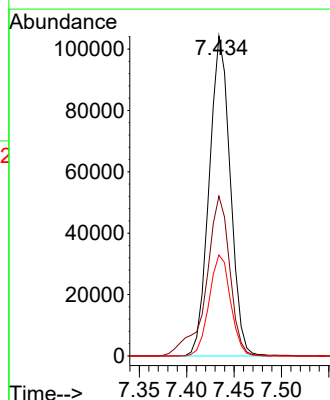
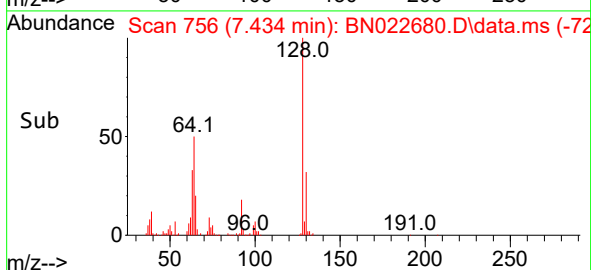
Tgt Ion: 93 Resp: 158852
Ion Ratio Lower Upper
93 100
63 78.2 61.8 92.6
95 31.8 26.3 39.5

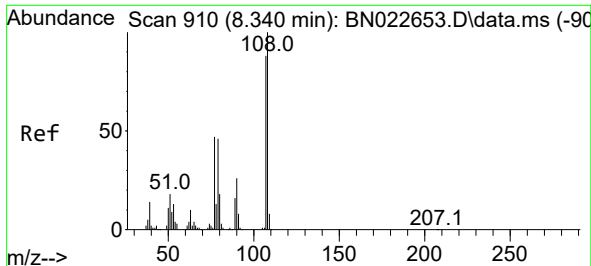


#12
2-Chlorophenol
Concen: 20.836 ng/ul
RT: 7.434 min Scan# 756
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49



Tgt Ion:128 Resp: 161318
Ion Ratio Lower Upper
128 100
64 49.9 40.0 60.0
130 31.6 26.3 39.5





#13

2-Methylphenol

Concen: 20.085 ng/ul

RT: 8.334 min Scan# 909

Delta R.T. -0.006 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

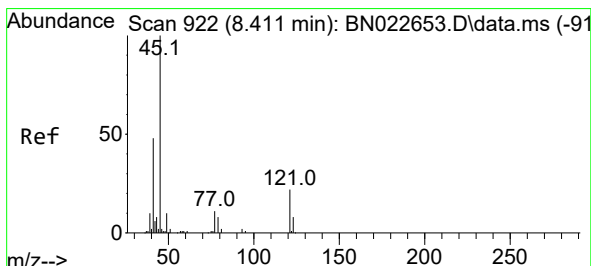
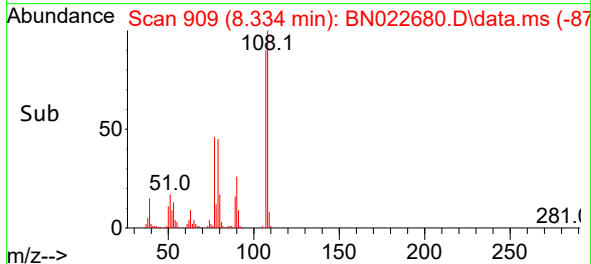
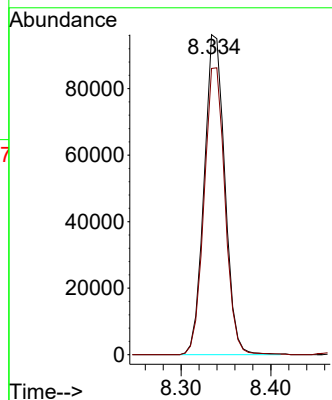
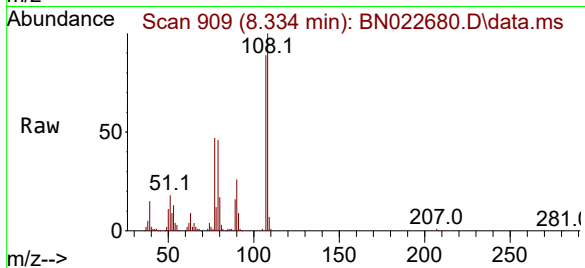
ClientSampleId :

Tgt Ion:108 Resp: 154161

Ion Ratio Lower Upper

108 100

107 89.5 74.1 111.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.416 ng/ul

RT: 8.416 min Scan# 923

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

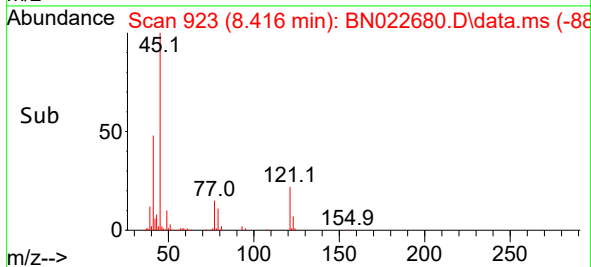
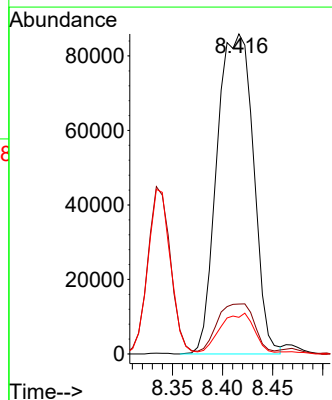
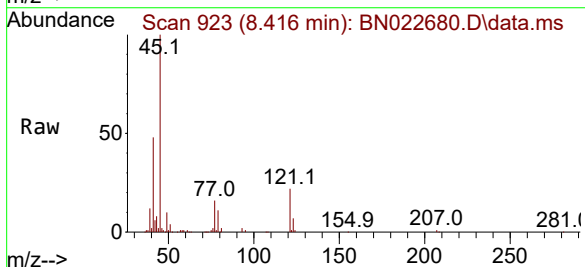
Tgt Ion: 45 Resp: 216545

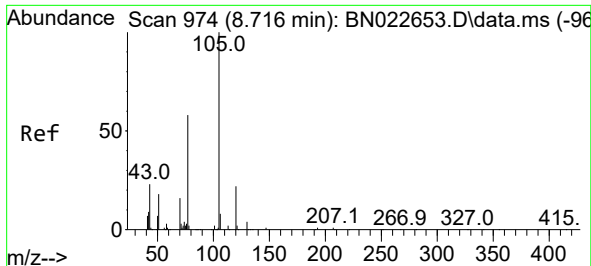
Ion Ratio Lower Upper

45 100

77 15.6 13.0 19.4

79 11.5 9.5 14.3

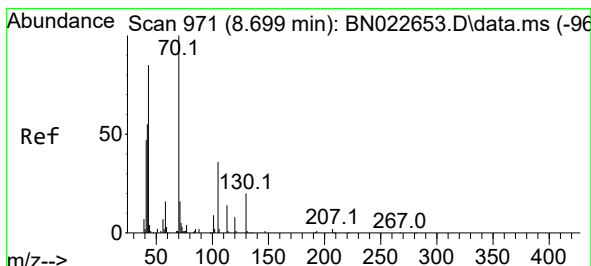
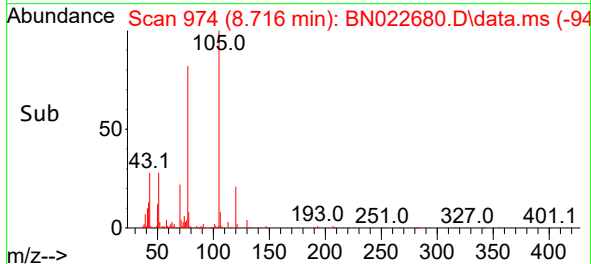
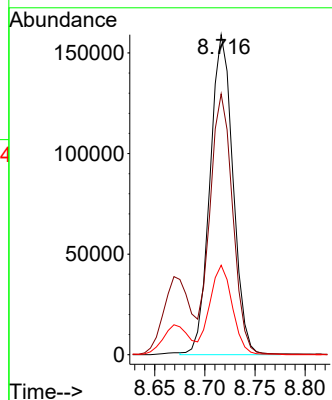
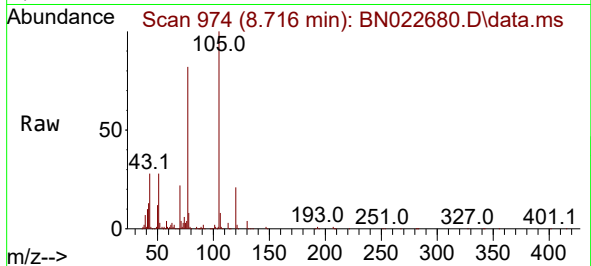




#16
Acetophenone
Concen: 20.365 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN022680.D
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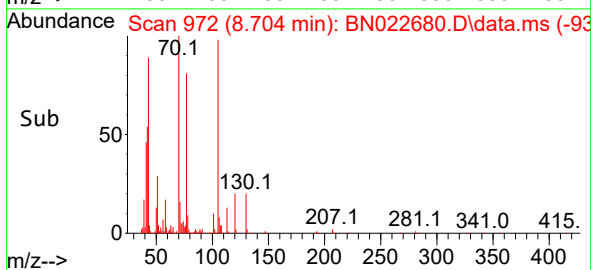
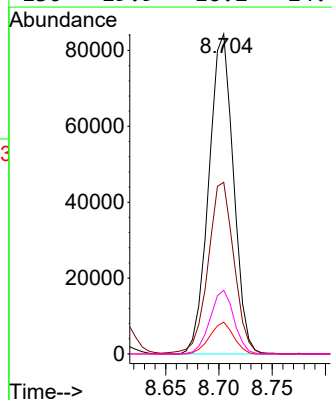
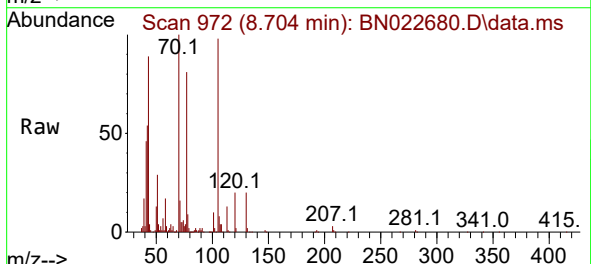
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BNA_N
ClientSampleId :

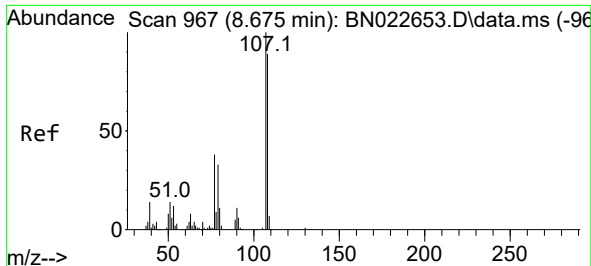
Tgt Ion:105 Resp: 254058
Ion Ratio Lower Upper
105 100
77 81.5 64.0 96.0
51 28.0 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 20.419 ng/ul
RT: 8.704 min Scan# 972
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion: 70 Resp: 135764
Ion Ratio Lower Upper
70 100
42 53.6 43.4 65.2
101 10.0 8.0 12.0
130 19.9 16.2 24.4





#18

4-Methylphenol

Concen: 20.297 ng/ul

RT: 8.675 min Scan# 9

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

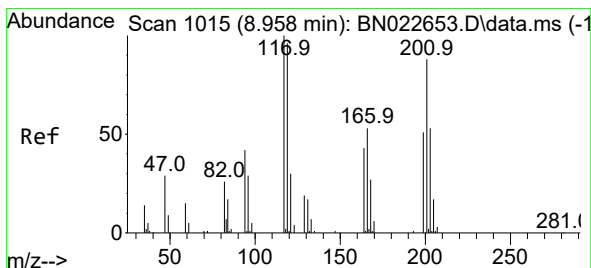
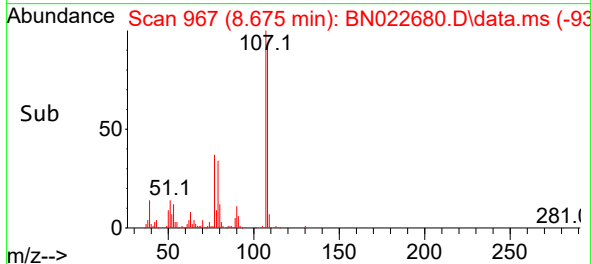
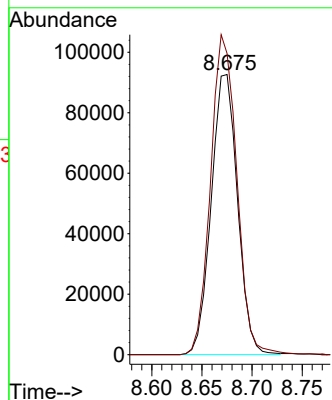
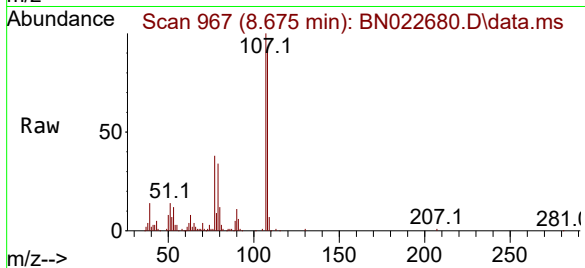
ClientSampleId :

Tgt Ion:108 Resp: 169160

Ion Ratio Lower Upper

108 100

107 107.5 89.4 134.2



#19

Hexachloroethane

Concen: 20.566 ng/ul

RT: 8.957 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

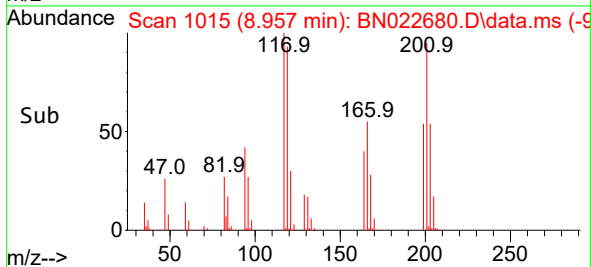
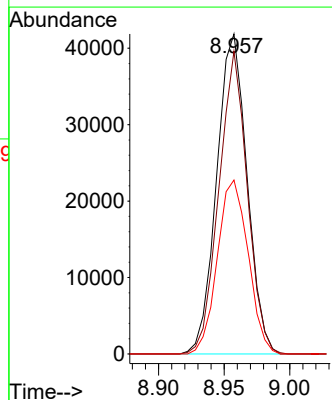
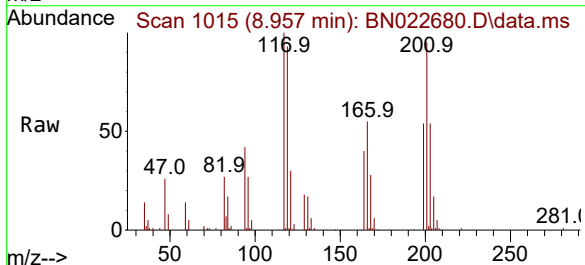
Tgt Ion:117 Resp: 67413

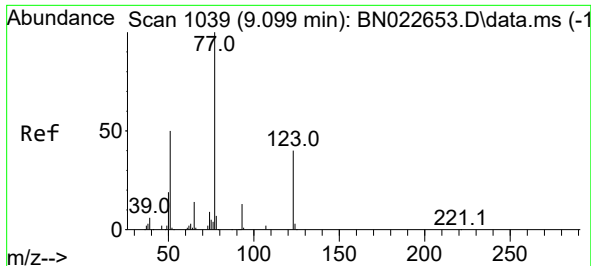
Ion Ratio Lower Upper

117 100

201 94.6 69.5 104.3

199 54.4 43.9 65.9

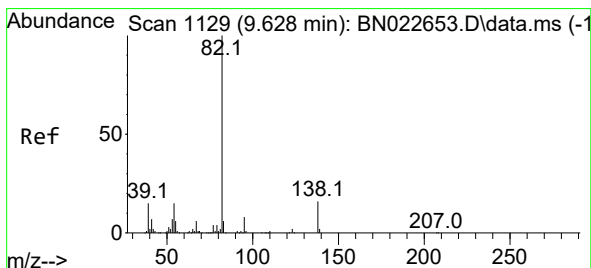
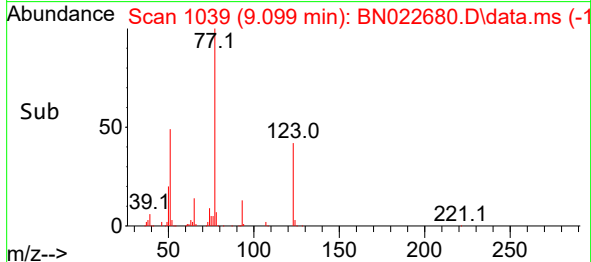
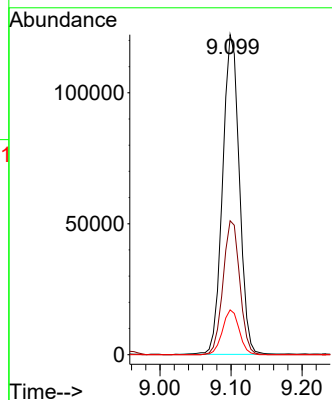
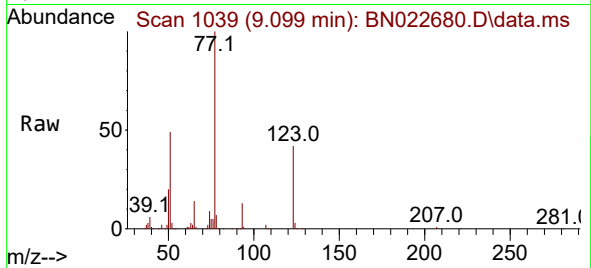




#22
Nitrobenzene
Concen: 19.932 ng/ul
RT: 9.099 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

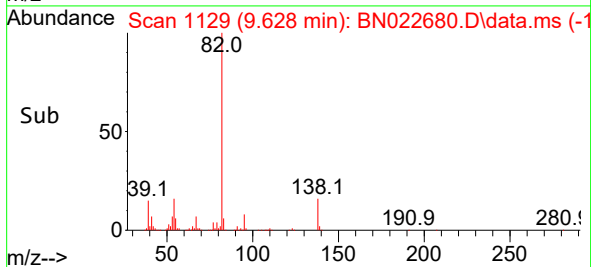
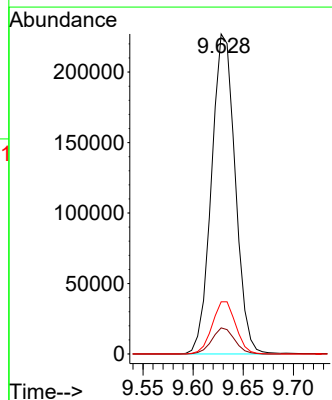
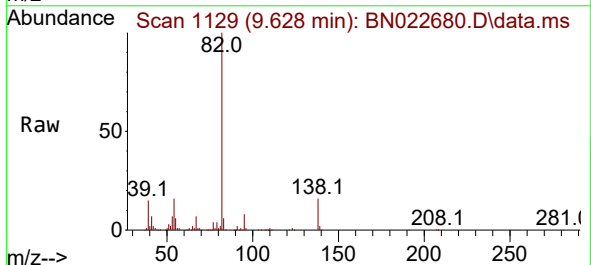
Instrument :
BNA_N
ClientSampleId :

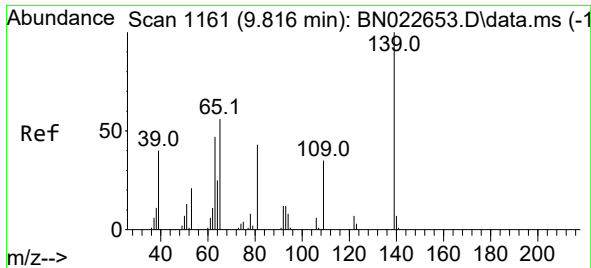
Tgt Ion: 77 Resp: 199344
Ion Ratio Lower Upper
77 100
123 41.8 32.6 49.0
65 14.0 10.7 16.1



#23
Isophorone
Concen: 19.501 ng/ul
RT: 9.628 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion: 82 Resp: 373058
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 16.3 12.8 19.2

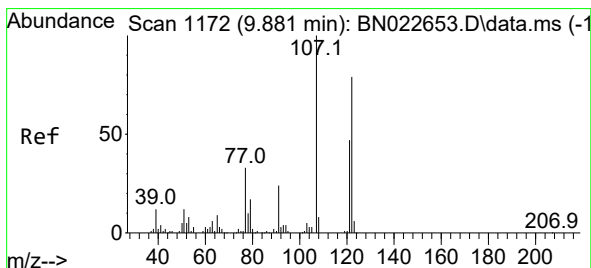
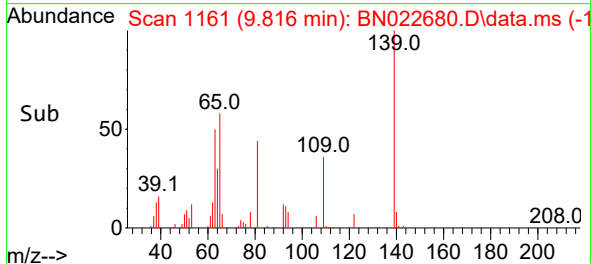
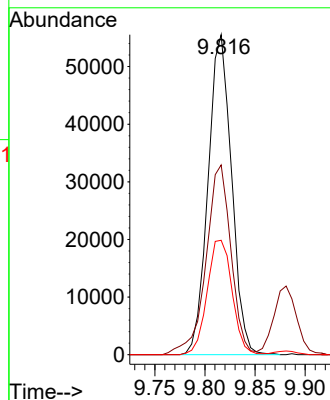
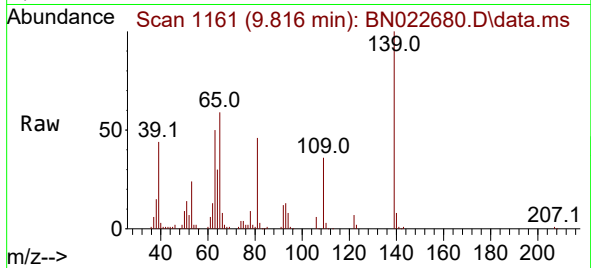




#25
2-Nitrophenol
Concen: 20.017 ng/ul
RT: 9.816 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

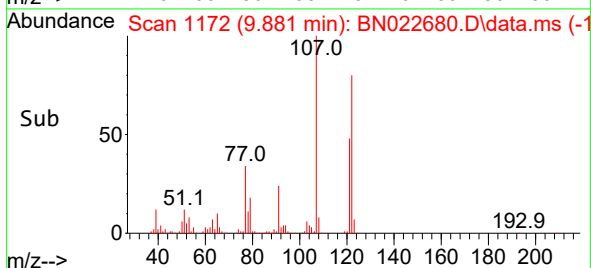
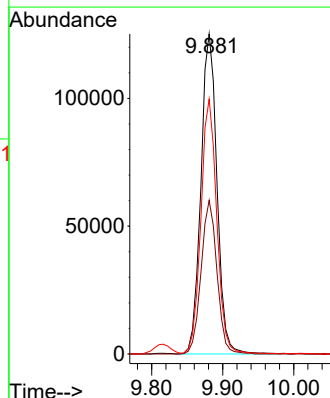
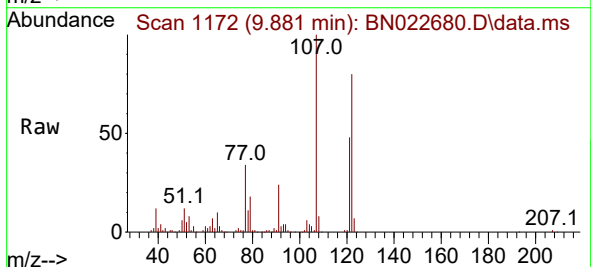
Instrument :
BNA_N
ClientSampleId :

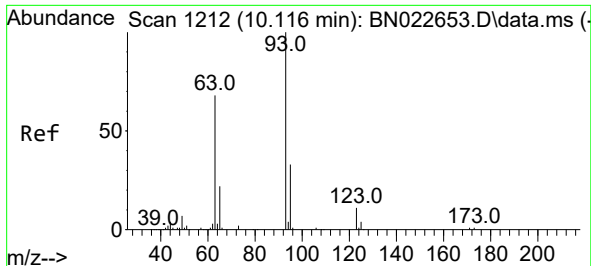
Tgt Ion:139 Resp: 90646
Ion Ratio Lower Upper
139 100
65 59.3 45.4 68.2
109 35.8 27.9 41.9



#26
2,4-Dimethylphenol
Concen: 20.339 ng/ul
RT: 9.881 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:107 Resp: 197571
Ion Ratio Lower Upper
107 100
121 48.0 38.5 57.7
122 79.7 64.1 96.1



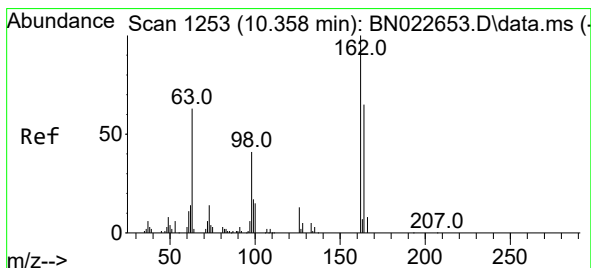
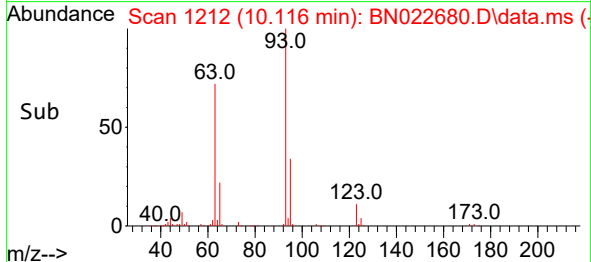
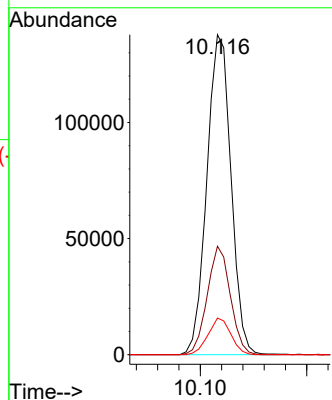
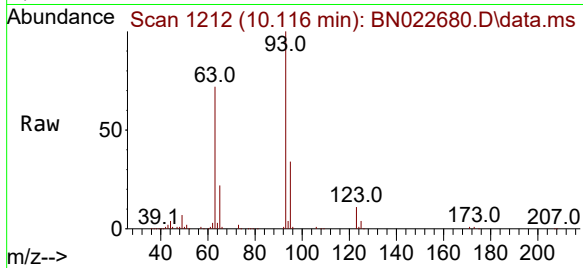


#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.664 ng/ul
 RT: 10.116 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 93 Resp: 216938

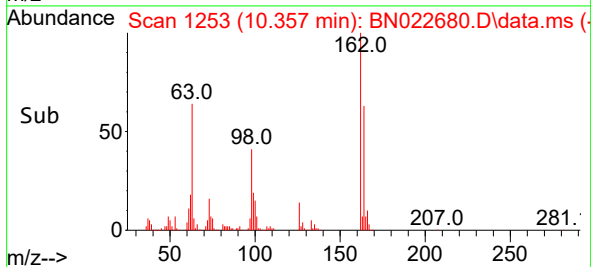
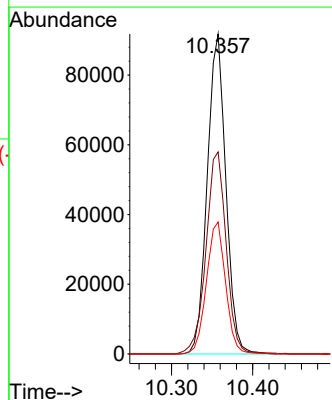
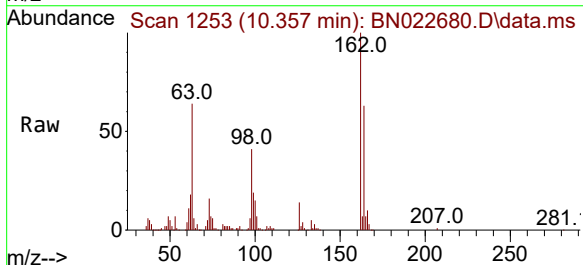
Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.8	38.6
123	11.5	8.6	13.0

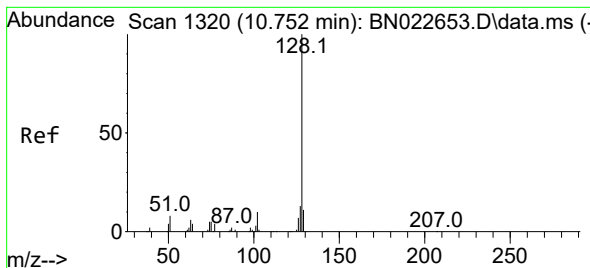


#29
 2,4-Dichlorophenol
 Concen: 20.494 ng/ul
 RT: 10.357 min Scan# 1253
 Delta R.T. -0.000 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

Tgt Ion:162 Resp: 146263

Ion	Ratio	Lower	Upper
162	100		
164	63.2	51.9	77.9
98	41.2	33.1	49.7





#30

Naphthalene

Concen: 20.106 ng/ul

RT: 10.751 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

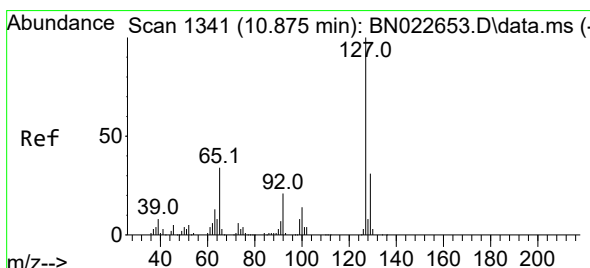
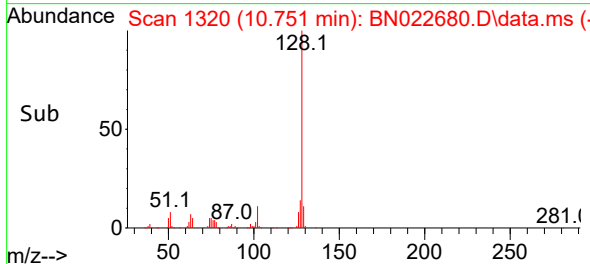
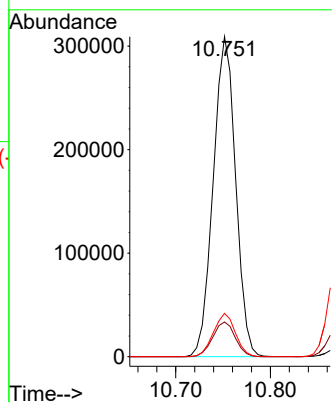
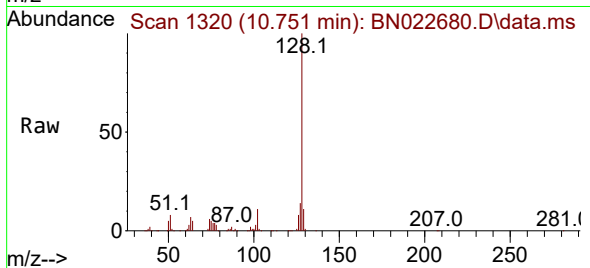
Tgt Ion:128 Resp: 508947

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.6 10.6 16.0



#32

4-Chloroaniline

Concen: 19.420 ng/ul

RT: 10.875 min Scan# 1341

Delta R.T. -0.006 min

Lab File: BN022680.D

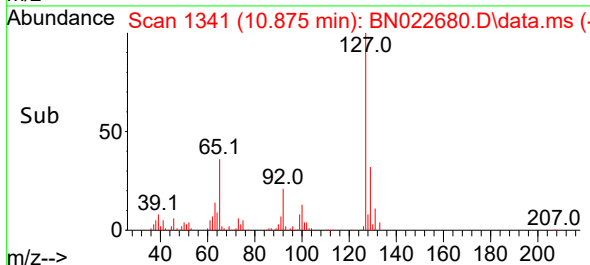
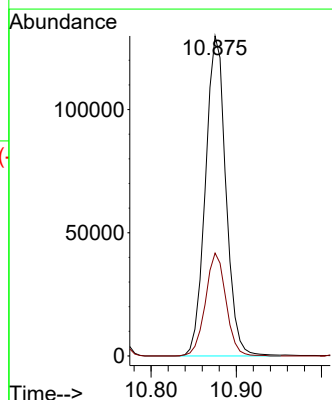
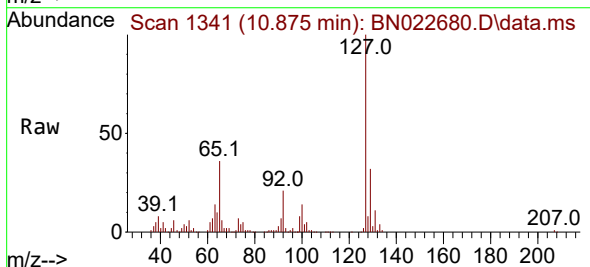
Acq: 16 Nov 2022 10:49

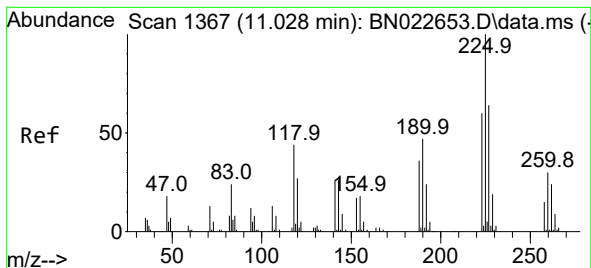
Tgt Ion:127 Resp: 216919

Ion Ratio Lower Upper

127 100

129 32.1 25.4 38.0





#33

Hexachlorobutadiene

Concen: 20.215 ng/ul

RT: 11.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

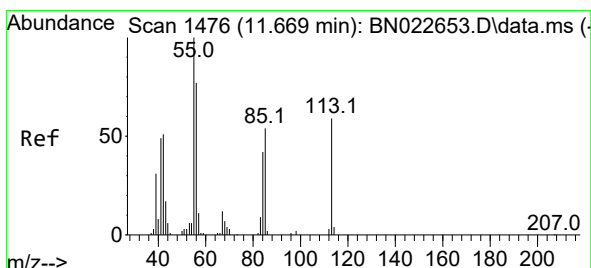
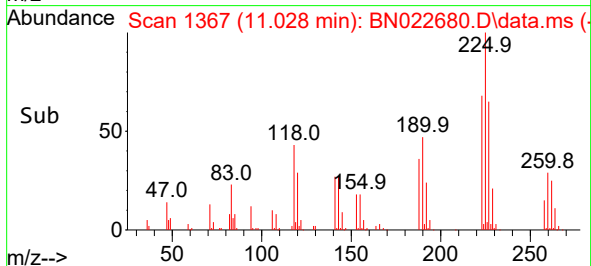
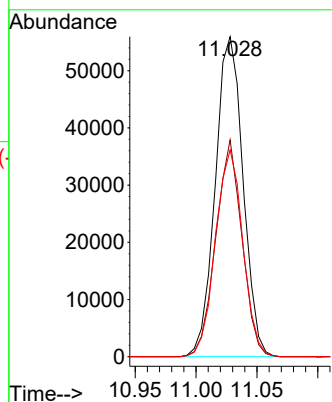
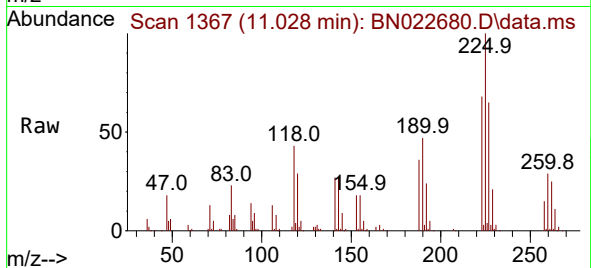
Tgt Ion:225 Resp: 88804

Ion Ratio Lower Upper

225 100

223 67.7 48.6 73.0

227 64.6 47.8 71.8



#34

Caprolactam

Concen: 11.688 ng/ul

RT: 11.675 min Scan# 1477

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

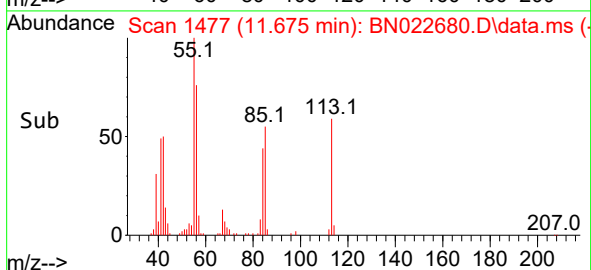
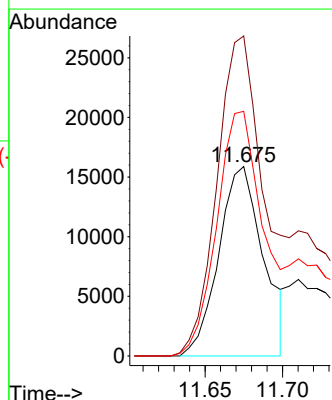
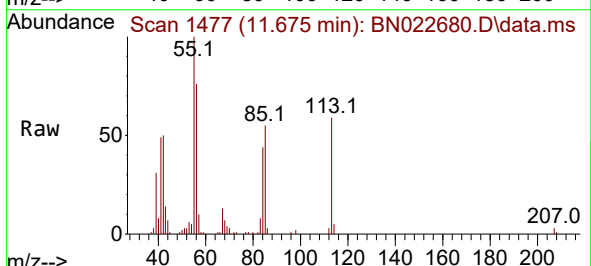
Tgt Ion:113 Resp: 31645

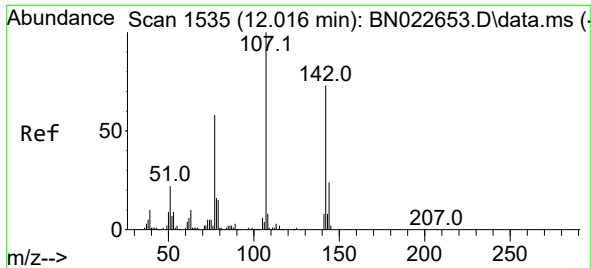
Ion Ratio Lower Upper

113 100

55 168.9 133.8 200.8

56 129.1 103.8 155.6

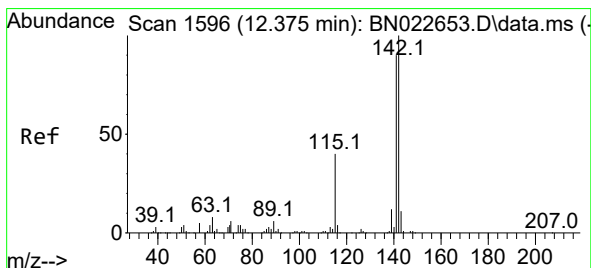
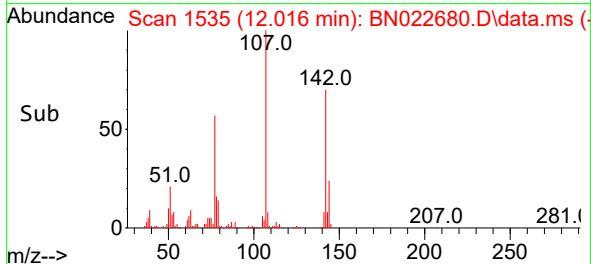
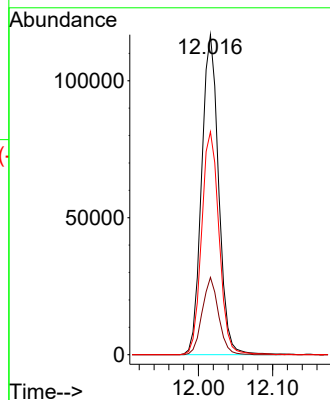
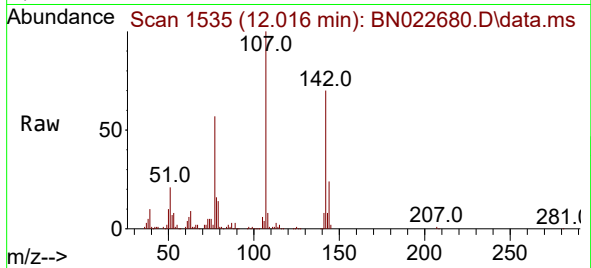




#35
 4-Chloro-3-methylphenol
 Concen: 20.052 ng/ul
 RT: 12.016 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

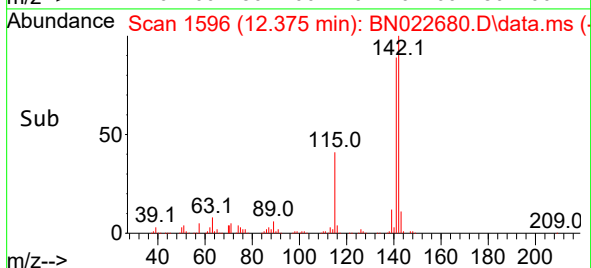
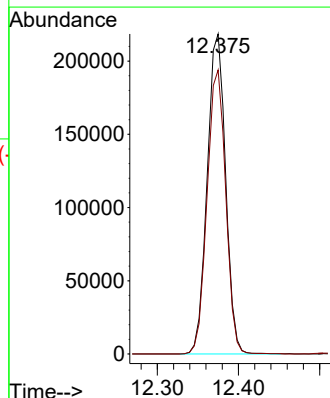
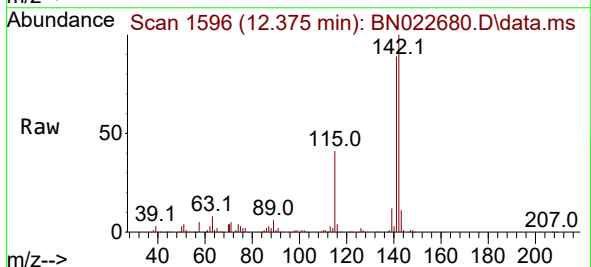
Instrument :
 BNA_N
 ClientSampleId :

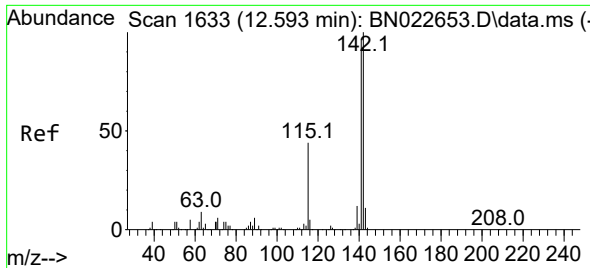
Tgt Ion:107 Resp: 186651
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.0 28.4
 142 69.6 57.0 85.6



#36
 2-Methylnaphthalene
 Concen: 19.929 ng/ul
 RT: 12.375 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

Tgt Ion:142 Resp: 343664
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.2 106.8

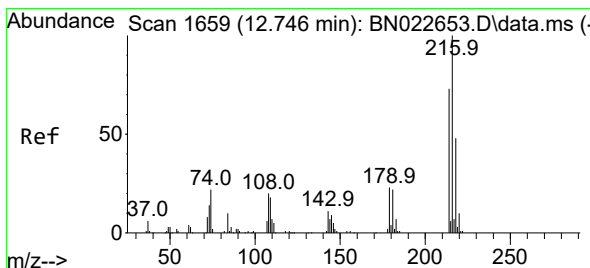
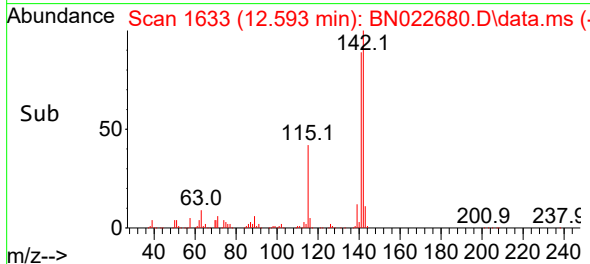
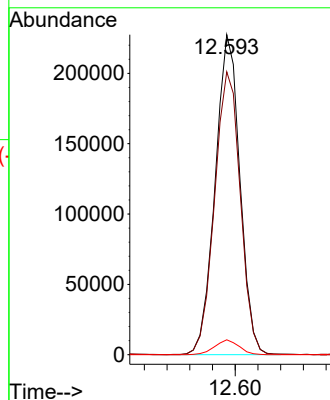
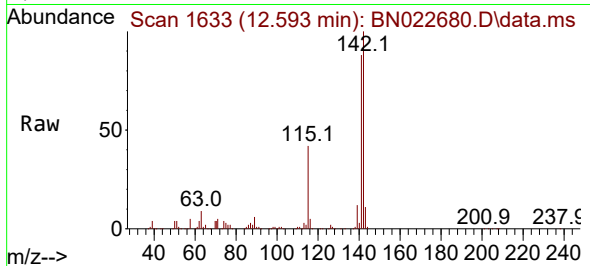




#37
1-Methylnaphthalene
Concen: 19.923 ng/ul
RT: 12.593 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

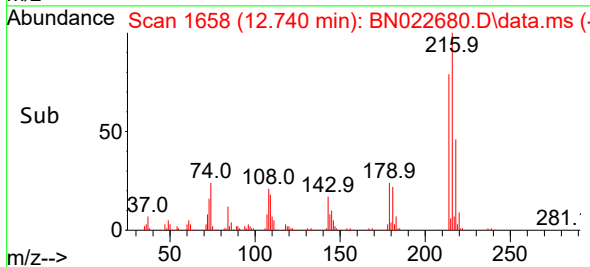
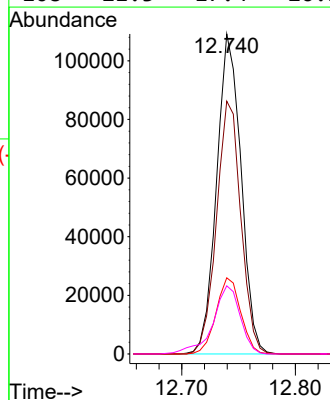
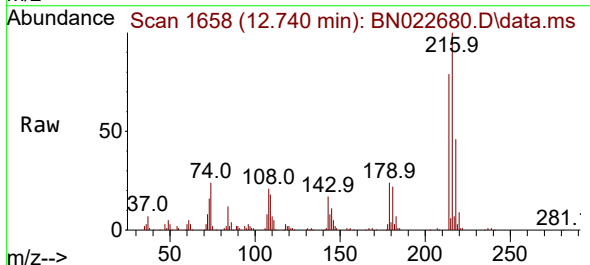
Instrument :
BNA_N
ClientSampleId :

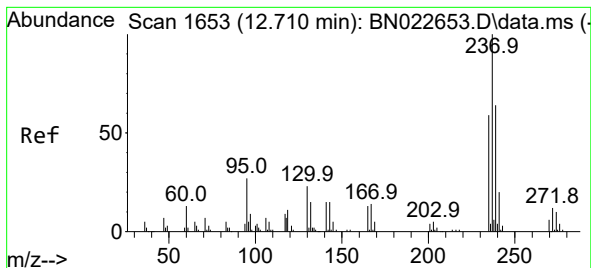
Tgt Ion:142 Resp: 344392
Ion Ratio Lower Upper
142 100
141 88.4 77.2 115.8
116 4.6 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.088 ng/ul
RT: 12.740 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:216 Resp: 162692
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 23.8 19.0 28.4
108 21.3 17.4 26.2





#40

Hexachlorocyclopentadiene

Concen: 18.133 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

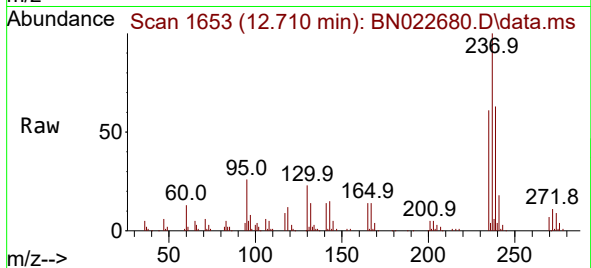
Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :



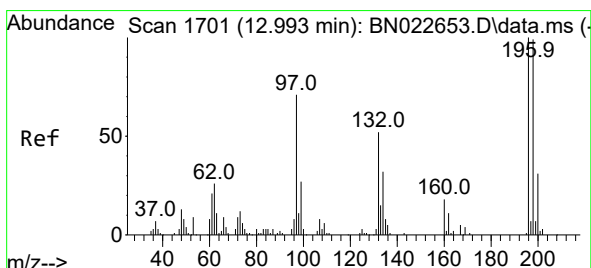
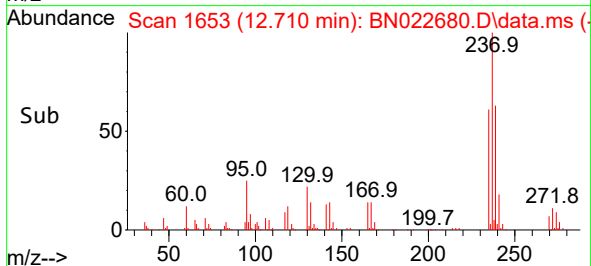
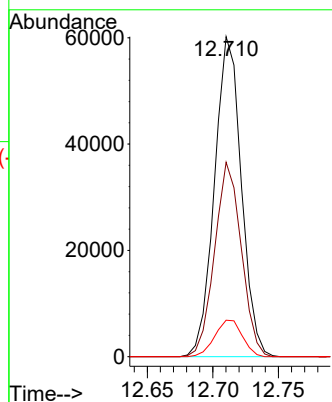
Tgt Ion:237 Resp: 85745

Ion Ratio Lower Upper

237 100

235 60.8 50.3 75.5

272 11.4 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 19.214 ng/ul

RT: 12.993 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

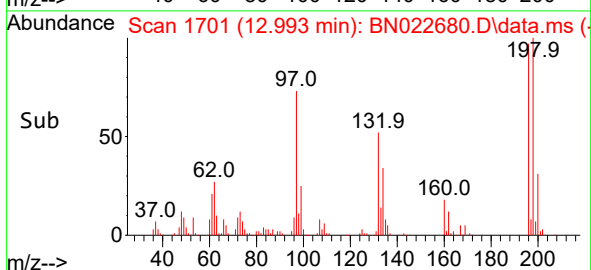
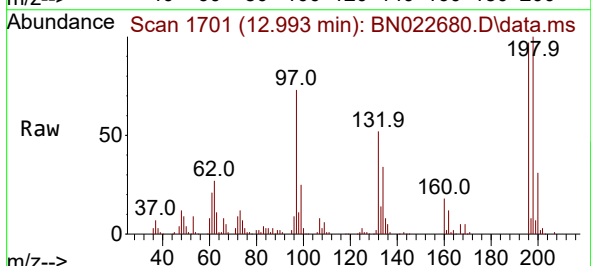
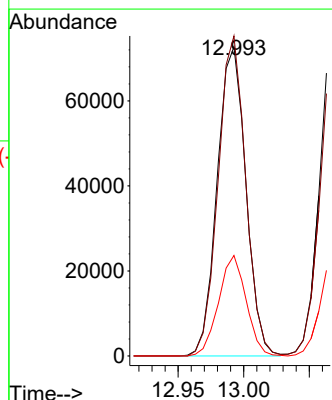
Tgt Ion:196 Resp: 110484

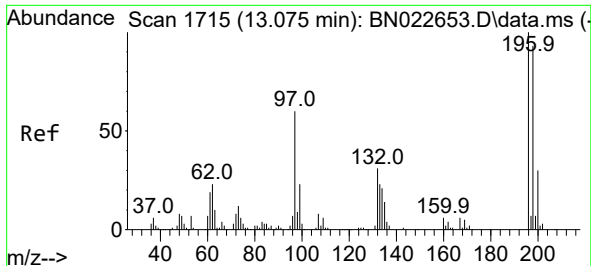
Ion Ratio Lower Upper

196 100

198 103.4 77.3 115.9

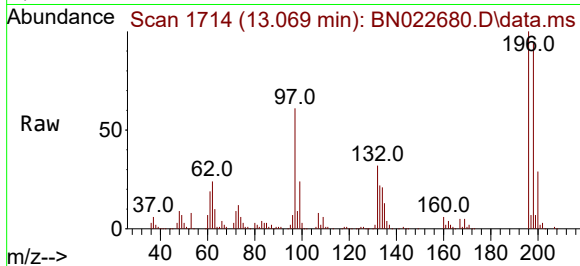
200 32.5 25.4 38.2



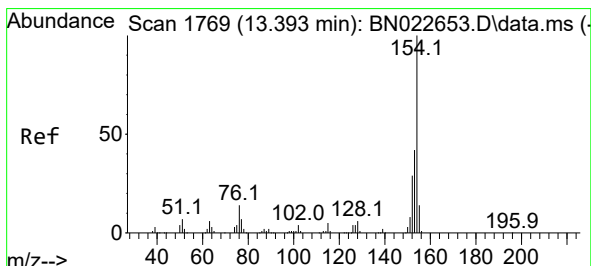
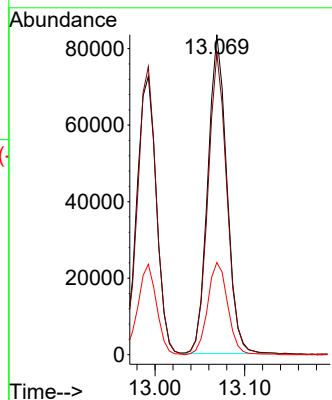
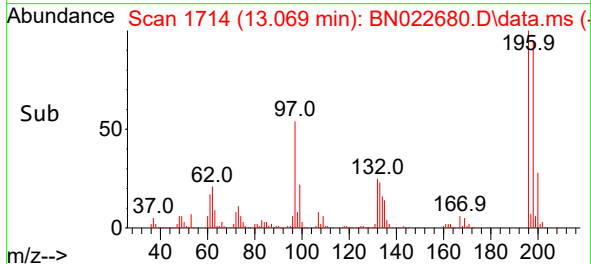


#42
2,4,5-Trichlorophenol
Concen: 20.151 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

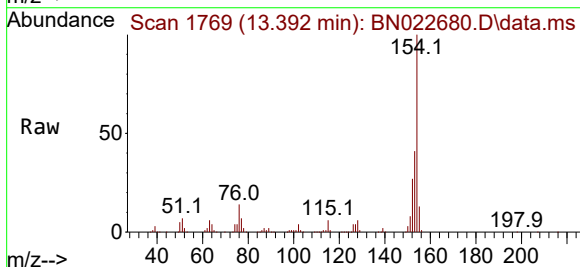
Instrument :
BNA_N
ClientSampleId :



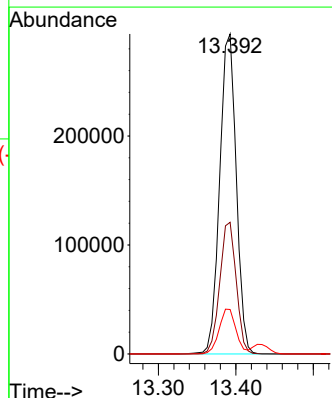
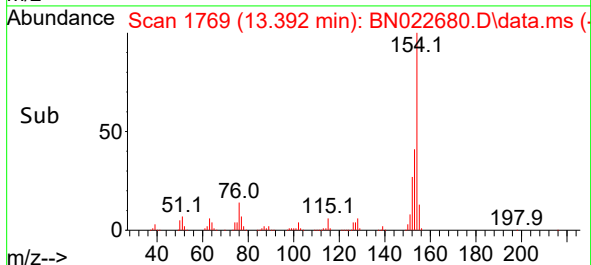
Tgt Ion:196 Resp: 122709
Ion Ratio Lower Upper
196 100
198 94.2 78.8 118.2
200 28.8 26.0 39.0

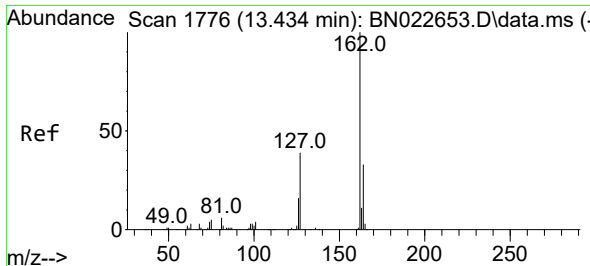


#43
1,1'-Biphenyl
Concen: 19.720 ng/ul
RT: 13.392 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49



Tgt Ion:154 Resp: 436770
Ion Ratio Lower Upper
154 100
153 41.1 32.2 48.2
76 13.9 11.2 16.8

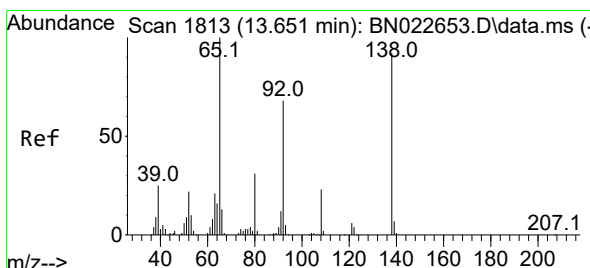
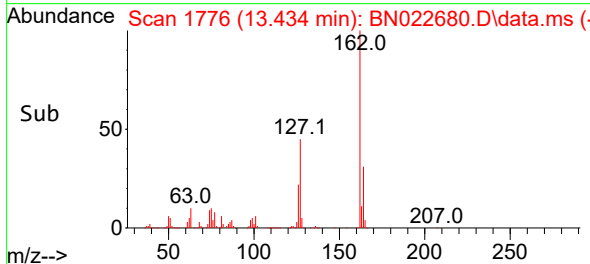
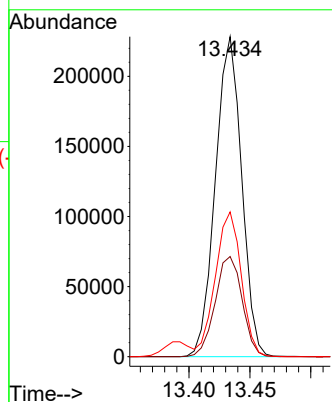
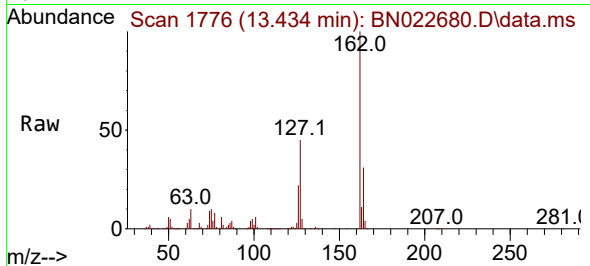




#44
2-Chloronaphthalene
Concen: 19.828 ng/ul
RT: 13.434 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

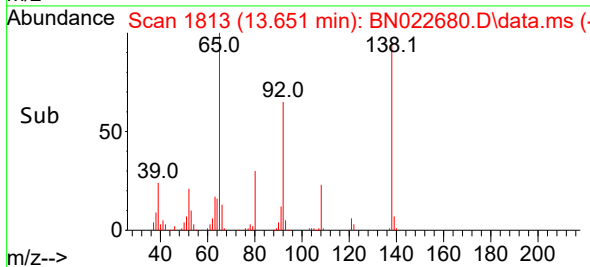
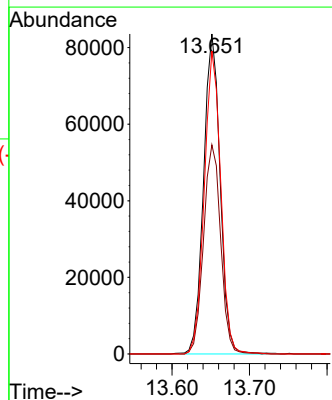
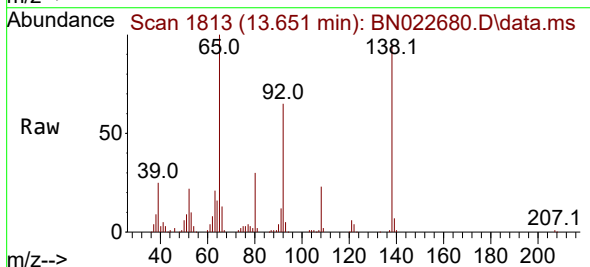
Instrument :
BNA_N
ClientSampleId :

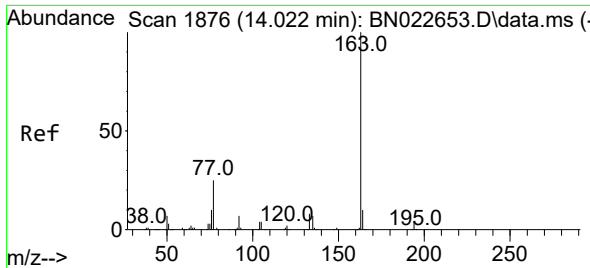
Tgt Ion:162 Resp: 342200
Ion Ratio Lower Upper
162 100
164 31.3 26.0 39.0
127 45.2 37.8 56.6



#45
2-Nitroaniline
Concen: 19.766 ng/ul
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion: 65 Resp: 123883
Ion Ratio Lower Upper
65 100
92 65.4 55.2 82.8
138 94.6 74.1 111.1

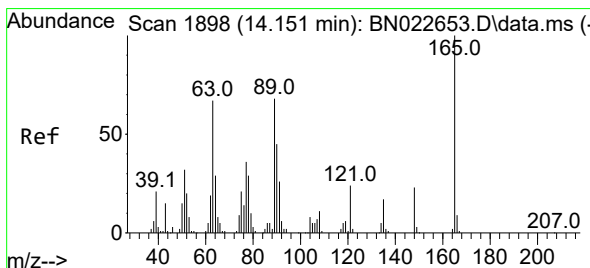
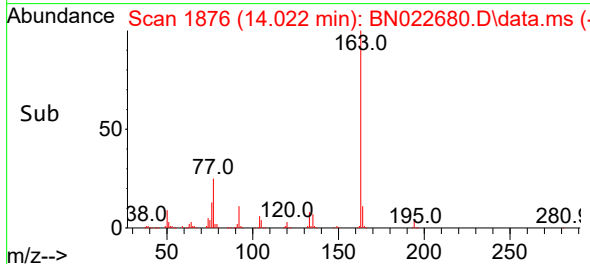
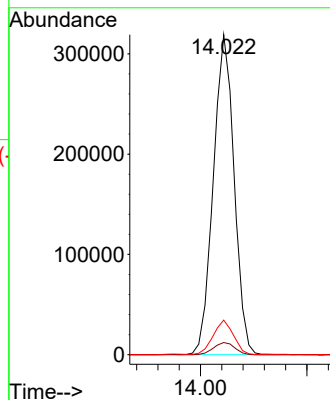
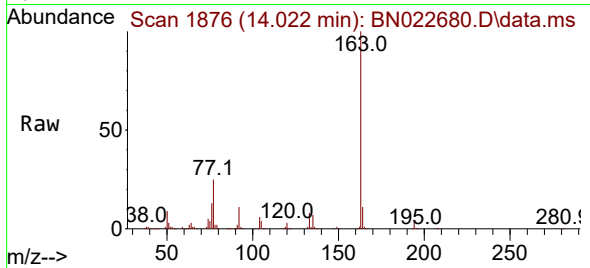




#47
Dimethylphthalate
Concen: 18.783 ng/ul
RT: 14.022 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

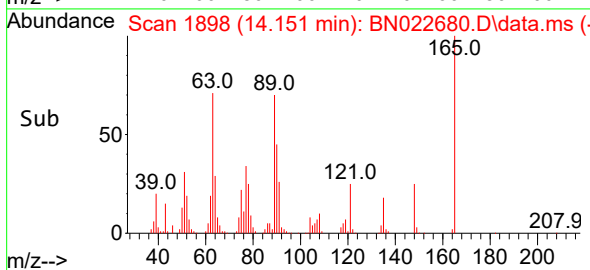
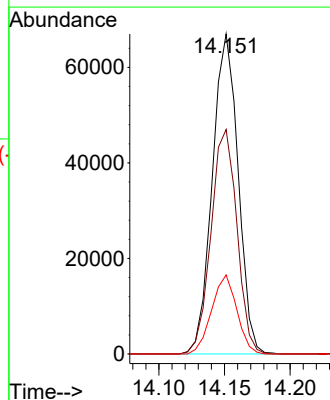
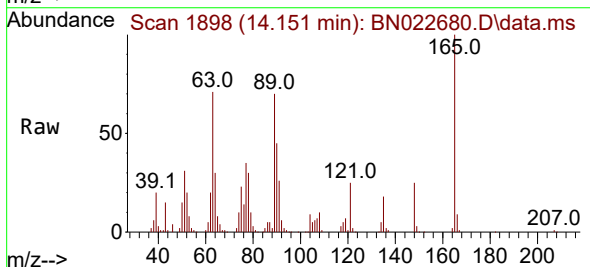
Instrument :
BNA_N
ClientSampleId :

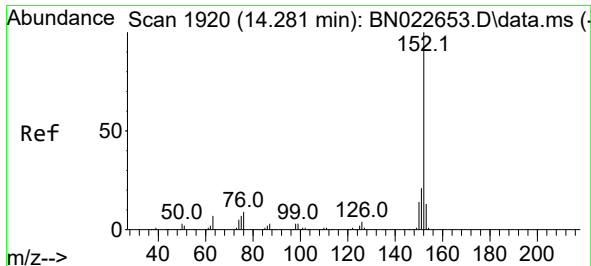
Tgt Ion:163 Resp: 433288
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.8 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 19.596 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

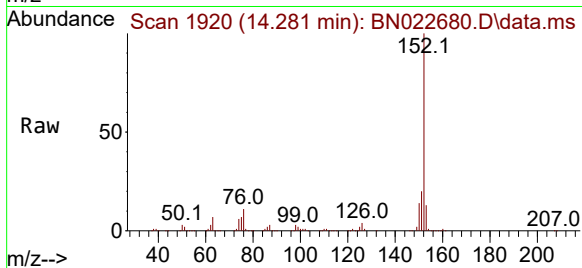
Tgt Ion:165 Resp: 91505
Ion Ratio Lower Upper
165 100
89 70.1 55.2 82.8
121 24.7 19.6 29.4



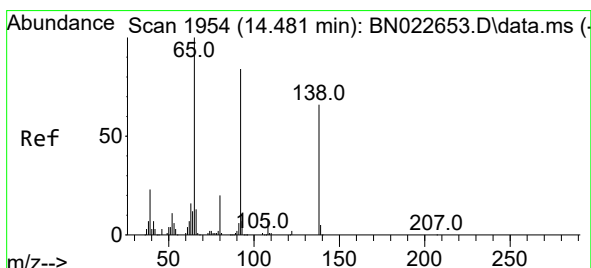
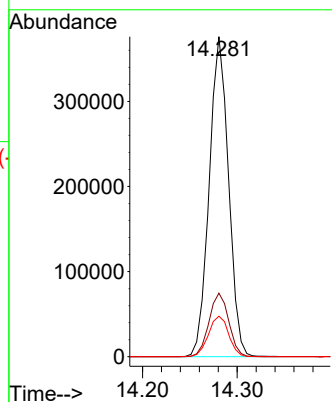
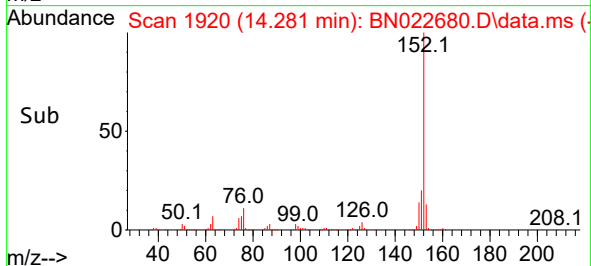


#50
Acenaphthylene
Concen: 19.675 ng/ul
RT: 14.281 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Instrument :
BNA_N
ClientSampleId :

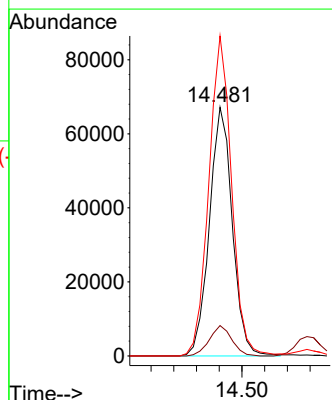
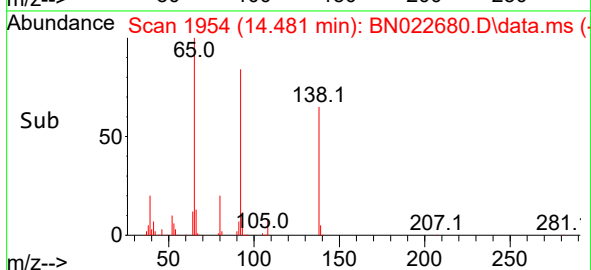
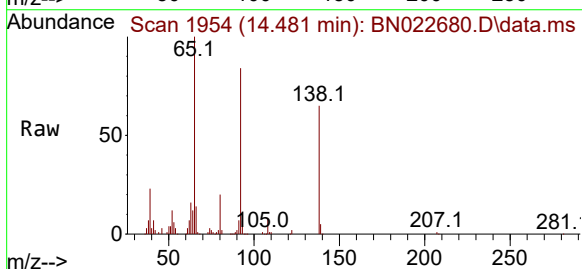


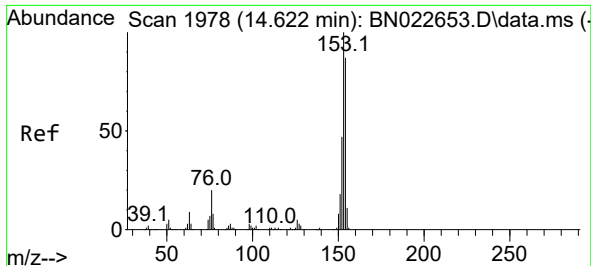
Tgt Ion:152 Resp: 531521
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.6 10.9 16.3



#51
3-Nitroaniline
Concen: 18.741 ng/ul
RT: 14.481 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:138 Resp: 94227
Ion Ratio Lower Upper
138 100
108 12.2 9.7 14.5
92 128.7 103.7 155.5

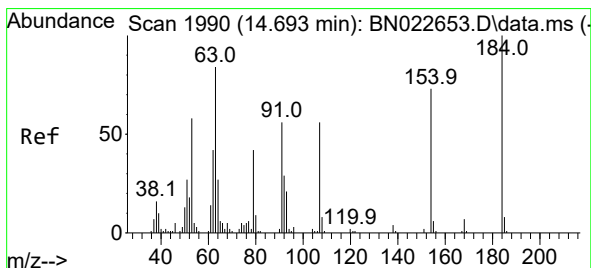
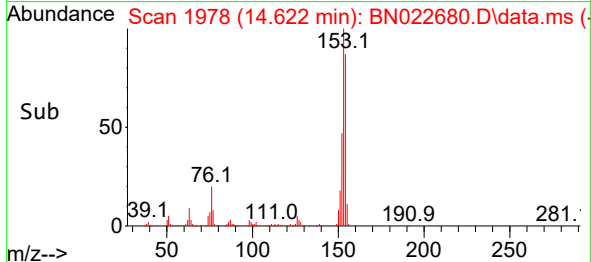
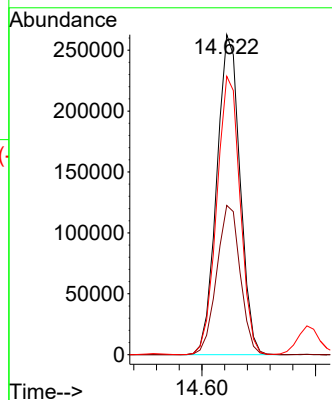
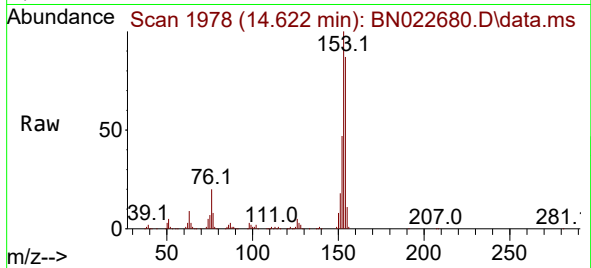




#52
Acenaphthene
Concen: 19.518 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

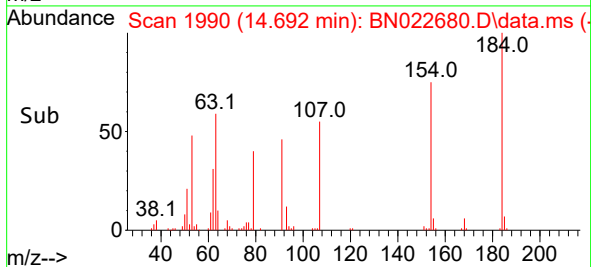
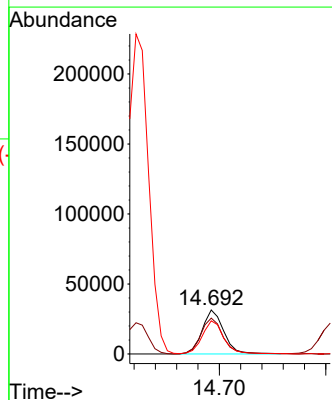
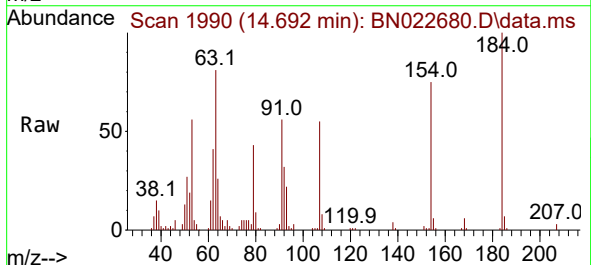
Instrument :
BNA_N
ClientSampleId :

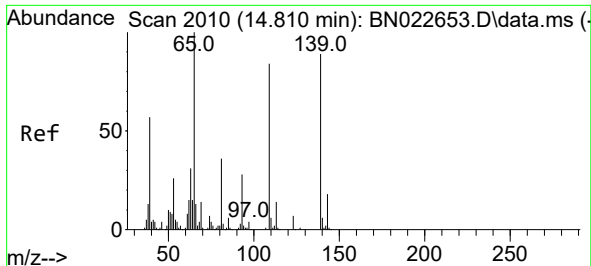
Tgt Ion:153 Resp: 374104
Ion Ratio Lower Upper
153 100
152 46.7 38.2 57.4
154 87.0 71.9 107.9



#53
2,4-Dinitrophenol
Concen: 13.576 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:184 Resp: 44304
Ion Ratio Lower Upper
184 100
63 81.3 66.4 99.6
154 75.3 59.4 89.0

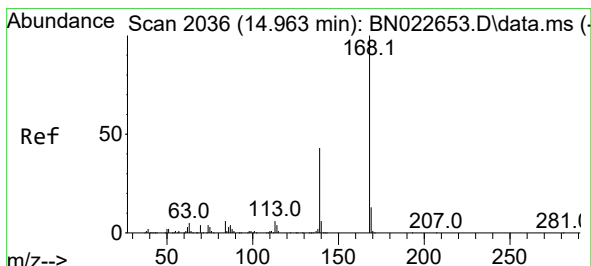
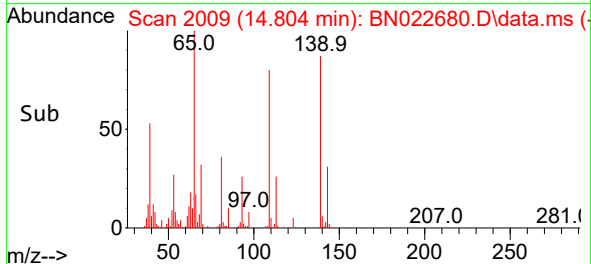
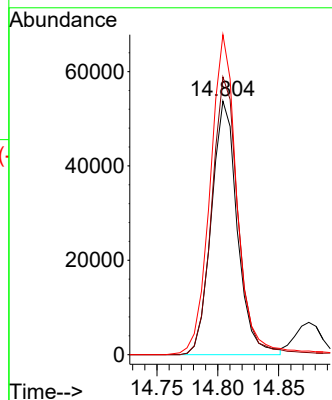
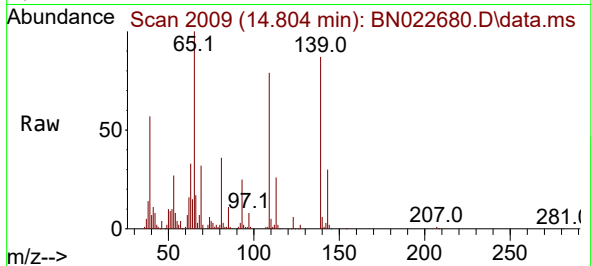




#55
4-Nitrophenol
Concen: 18.377 ng/ul
RT: 14.804 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

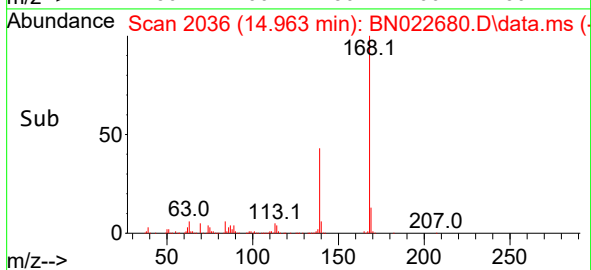
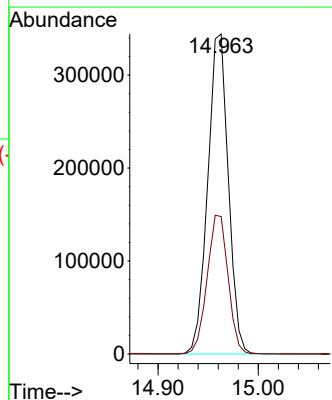
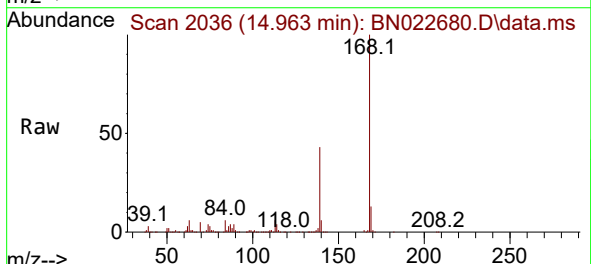
Instrument :
BNA_N
ClientSampleId :

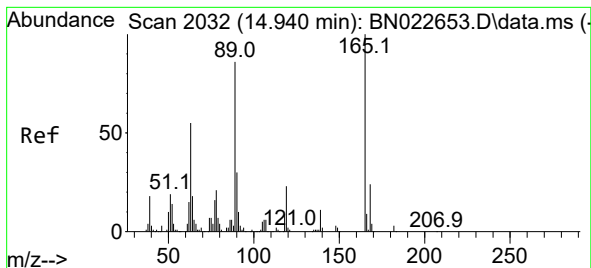
Tgt Ion:109 Resp: 79700
Ion Ratio Lower Upper
109 100
139 109.5 86.0 129.0
65 126.2 102.6 154.0



#56
Dibenzofuran
Concen: 19.464 ng/ul
RT: 14.963 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:168 Resp: 492936
Ion Ratio Lower Upper
168 100
139 43.0 34.6 52.0





#57

2,4-Dinitrotoluene

Concen: 19.677 ng/ul

RT: 14.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

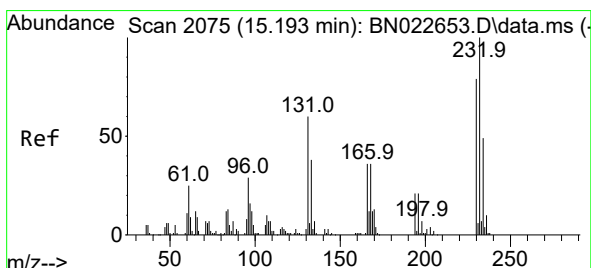
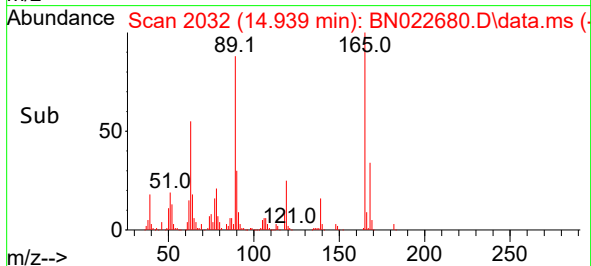
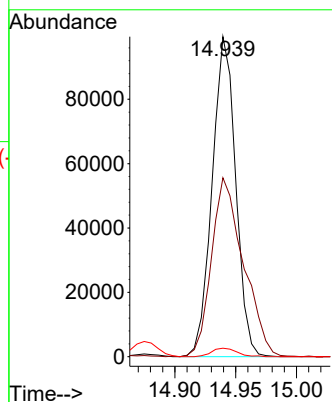
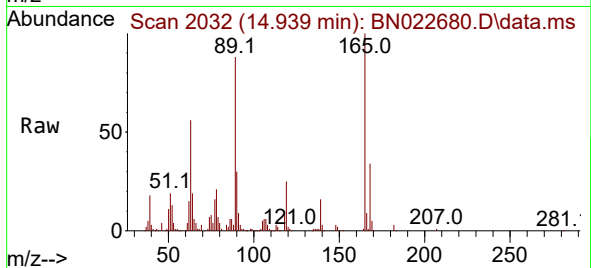
Tgt Ion:165 Resp: 133802

Ion Ratio Lower Upper

165 100

63 55.9 43.4 65.0

182 2.7 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.610 ng/ul

RT: 15.192 min Scan# 2075

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Tgt Ion:232 Resp: 102273

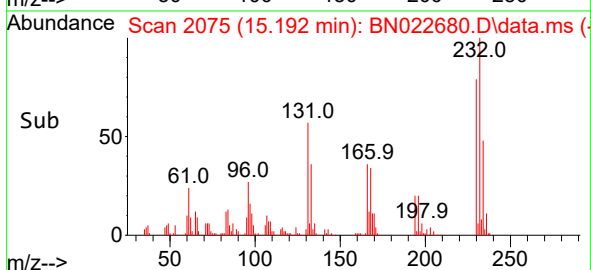
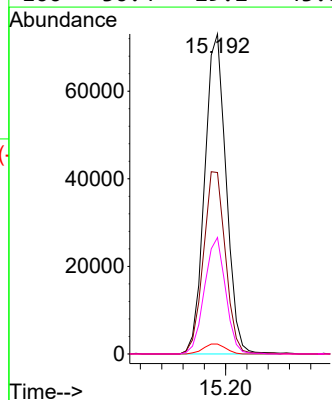
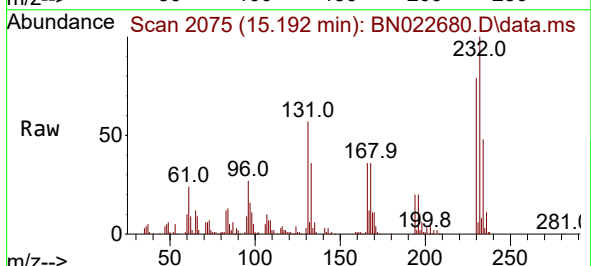
Ion Ratio Lower Upper

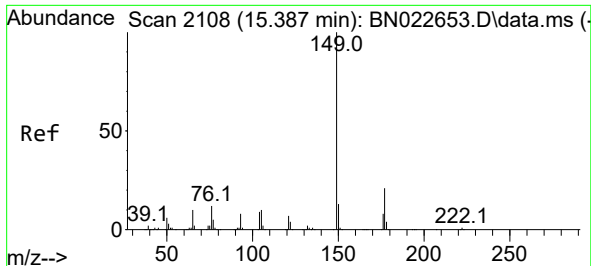
232 100

131 56.7 47.4 71.0

130 3.1 2.6 3.8

166 36.4 29.2 43.8

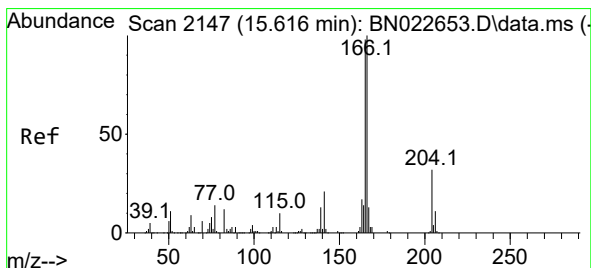
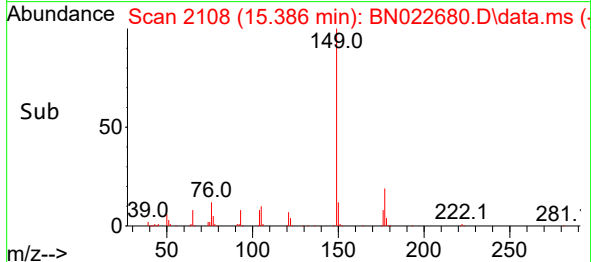
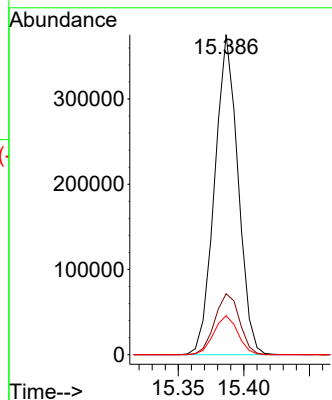
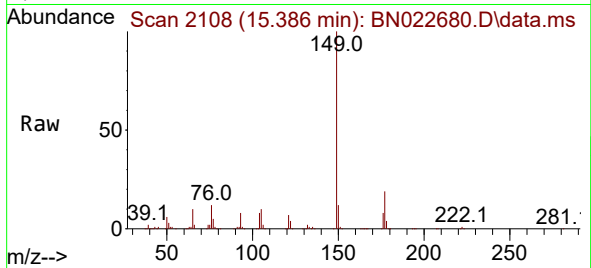




#59
Diethylphthalate
Concen: 19.008 ng/ul
RT: 15.386 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

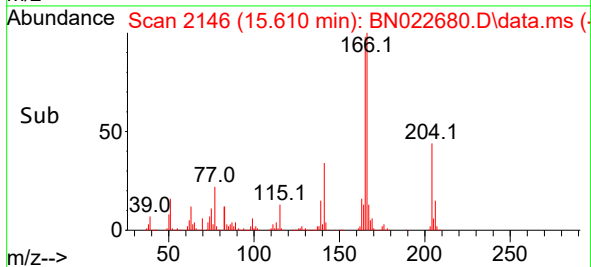
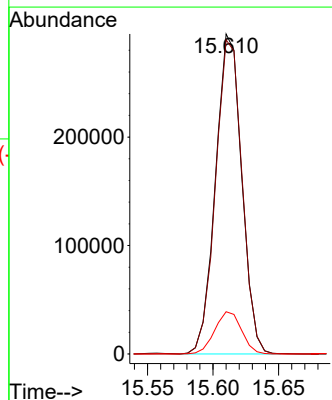
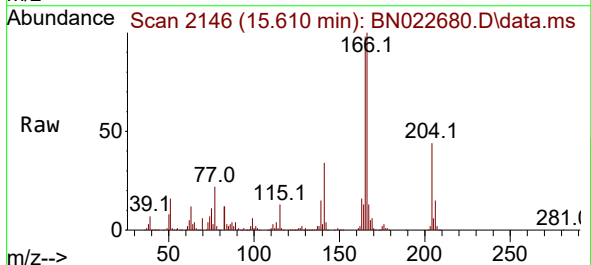
Instrument :
BNA_N
ClientSampleId :

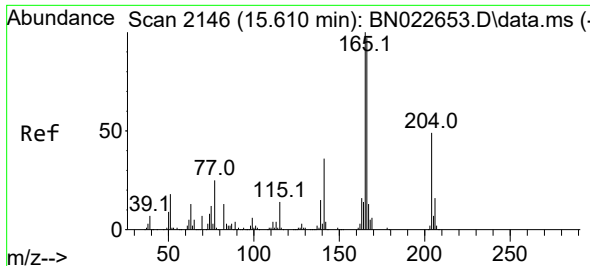
Tgt Ion:149 Resp: 464736
Ion Ratio Lower Upper
149 100
177 19.1 16.2 24.4
150 12.2 9.7 14.5



#61
Fluorene
Concen: 19.377 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

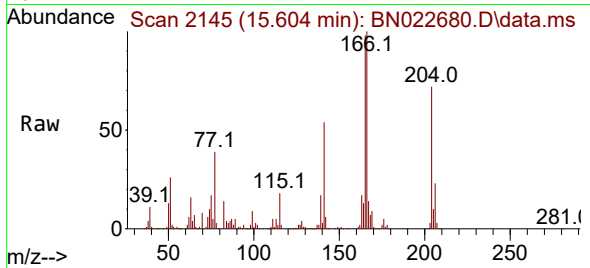
Tgt Ion:166 Resp: 409807
Ion Ratio Lower Upper
166 100
165 98.1 74.0 111.0
167 13.2 10.2 15.2



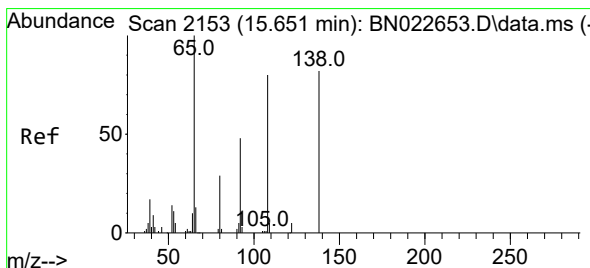
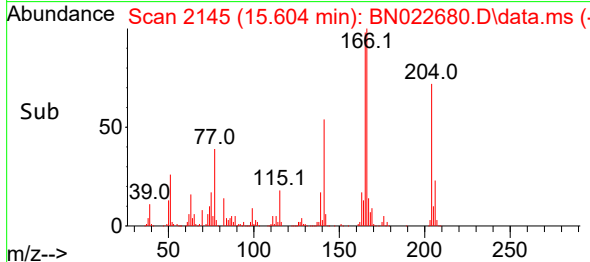
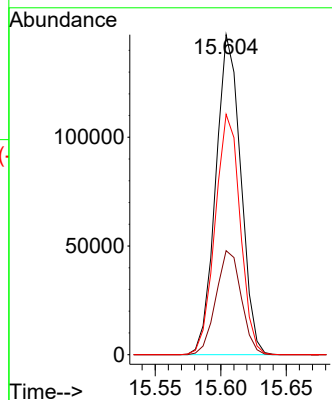


#62
4-Chlorophenyl-phenylether
Concen: 19.555 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Instrument :
BNA_N
ClientSampleId :

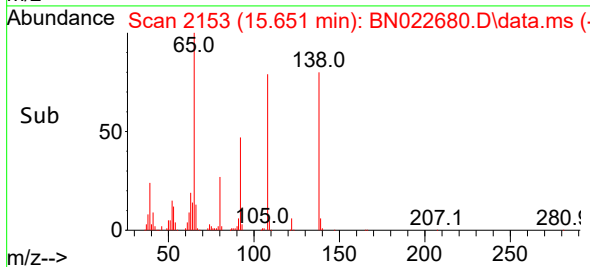
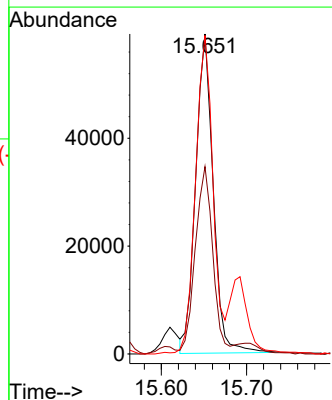
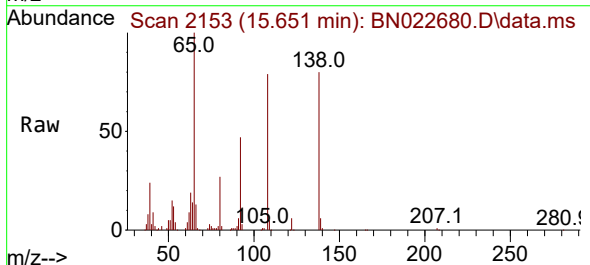


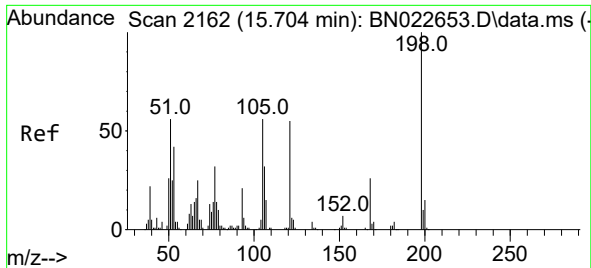
Tgt Ion:204 Resp: 194943
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 75.1 57.2 85.8



#63
4-Nitroaniline
Concen: 18.867 ng/ul
RT: 15.651 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:138 Resp: 84596
Ion Ratio Lower Upper
138 100
92 58.6 45.5 68.3
108 99.5 79.1 118.7

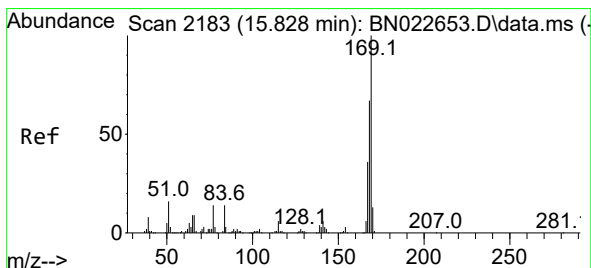
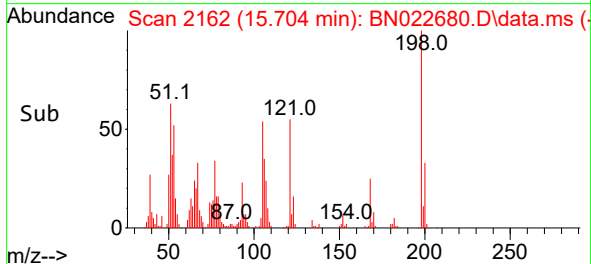
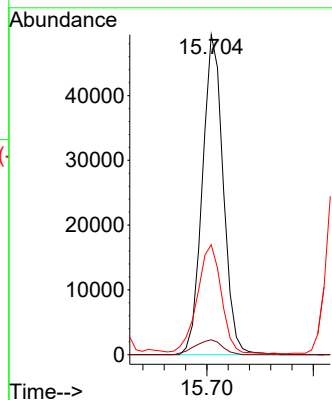
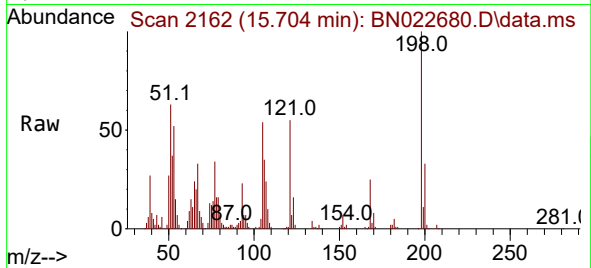




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.246 ng/ul
 RT: 15.704 min Scan# 2162
 Delta R.T. -0.000 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

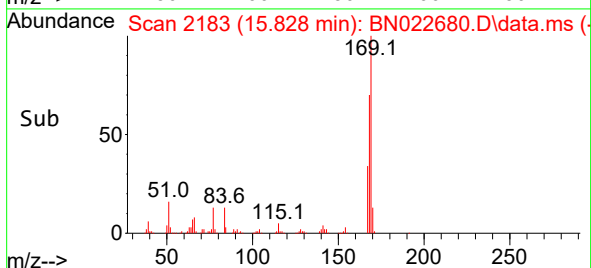
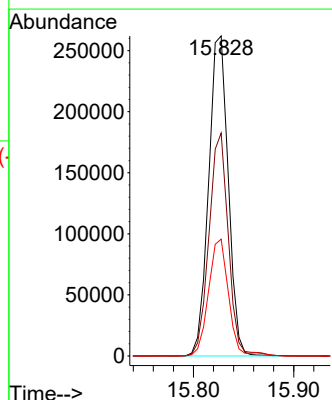
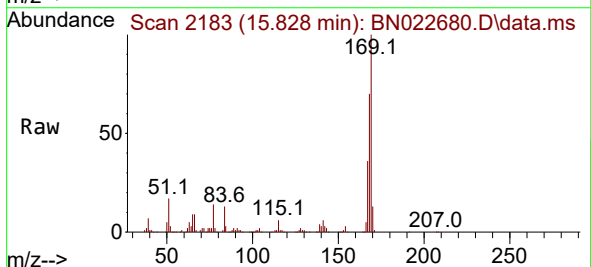
Instrument :
 BNA_N
 ClientSampleId :

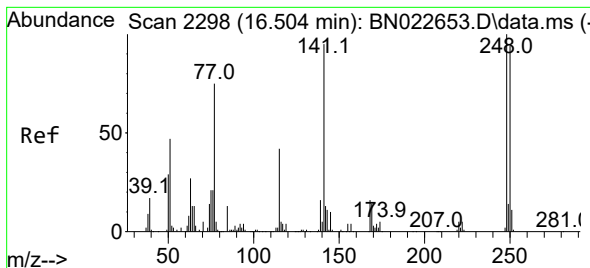
Tgt Ion:198 Resp: 67173
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.1 4.7
 77 34.3 27.3 40.9



#67
 N-Nitrosodiphenylamine
 Concen: 20.082 ng/ul
 RT: 15.828 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

Tgt Ion:169 Resp: 356442
 Ion Ratio Lower Upper
 169 100
 168 69.7 52.6 79.0
 167 36.5 30.0 45.0

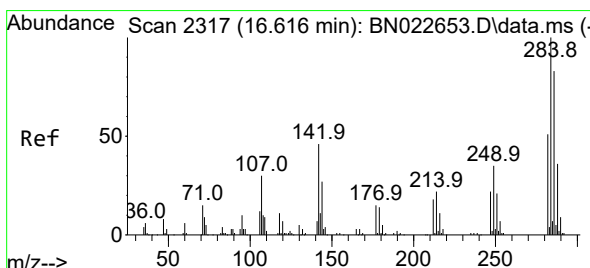
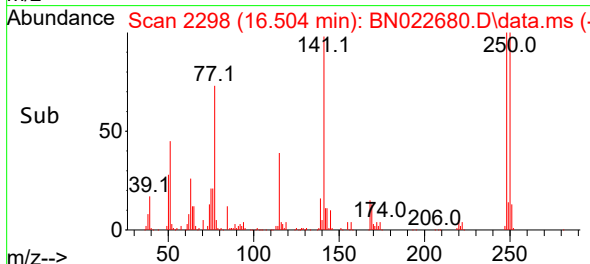
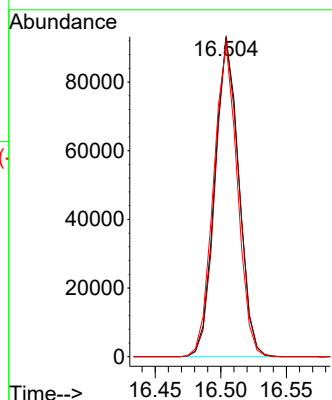
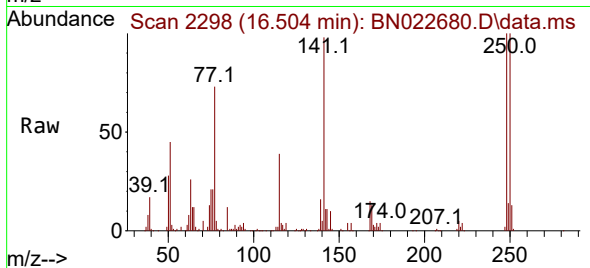




#68
4-Bromophenyl-phenylether
Concen: 20.253 ng/ul
RT: 16.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

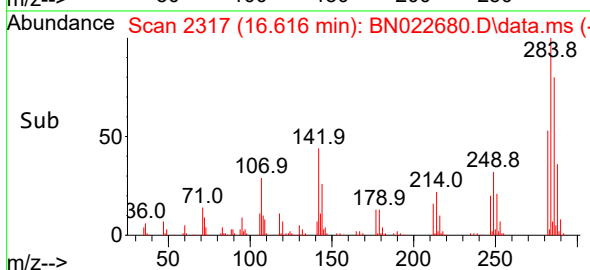
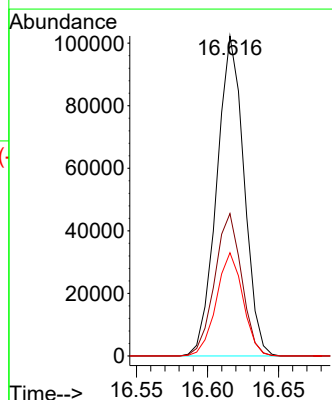
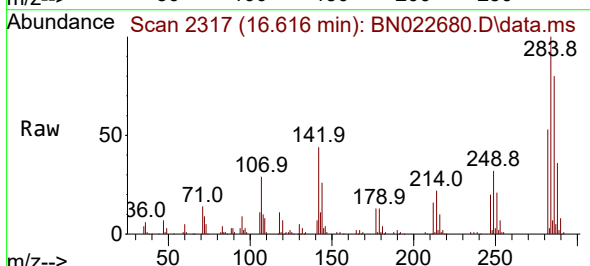
Instrument :
BNA_N
ClientSampleId :

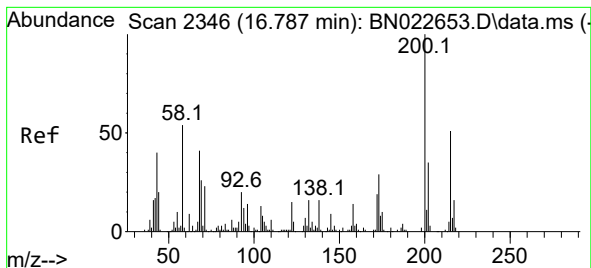
Tgt Ion:248 Resp: 118237
Ion Ratio Lower Upper
248 100
250 100.5 77.0 115.4
141 98.1 77.0 115.4



#69
Hexachlorobenzene
Concen: 20.028 ng/ul
RT: 16.616 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:284 Resp: 136674
Ion Ratio Lower Upper
284 100
142 44.5 37.9 56.9
249 32.3 28.6 43.0





#70

Atrazine

Concen: 20.096 ng/ul

RT: 16.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

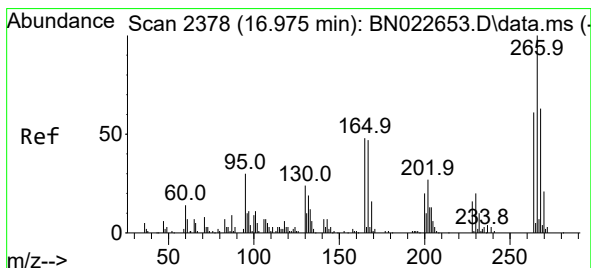
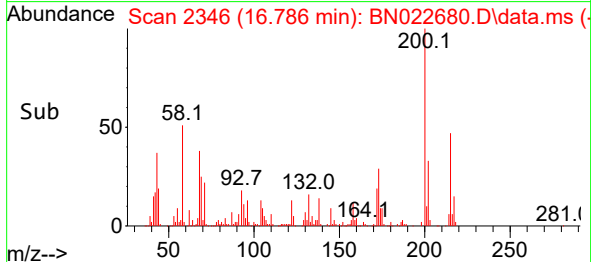
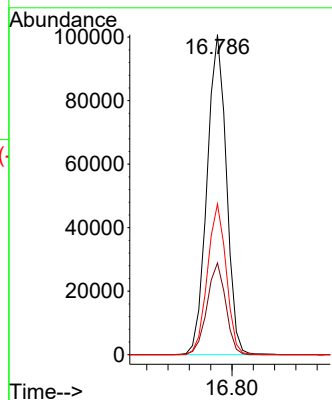
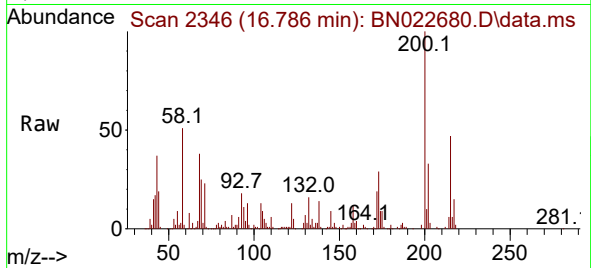
Tgt Ion:200 Resp: 127147

Ion Ratio Lower Upper

200 100

173 28.6 23.2 34.8

215 47.1 38.1 57.1



#71

Pentachlorophenol

Concen: 18.987 ng/ul

RT: 16.969 min Scan# 2377

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

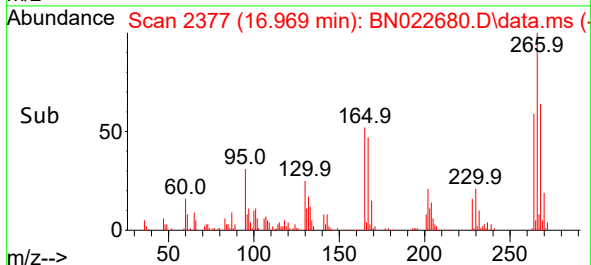
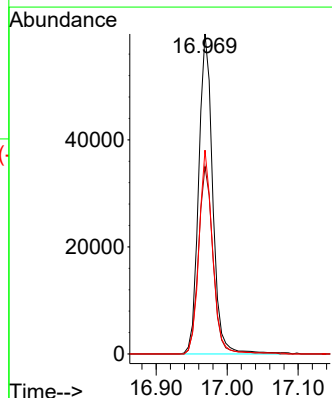
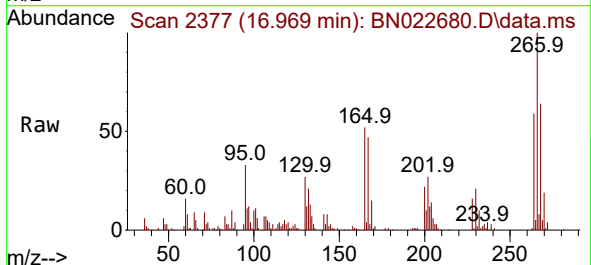
Tgt Ion:266 Resp: 82327

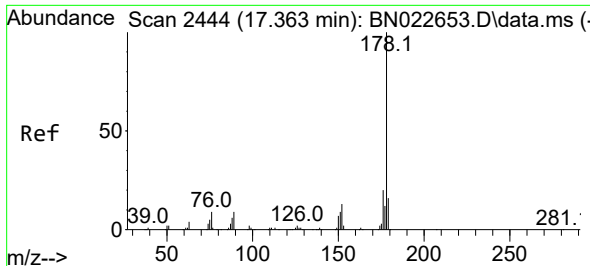
Ion Ratio Lower Upper

266 100

264 58.6 47.8 71.8

268 63.7 50.2 75.2

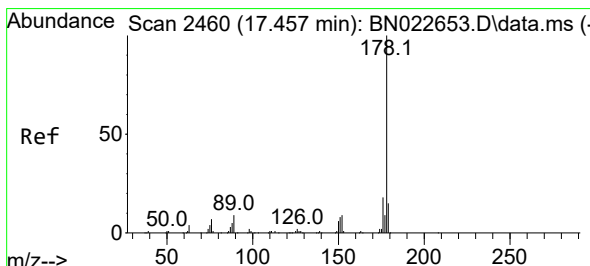
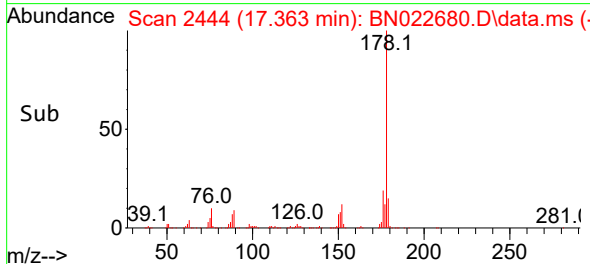
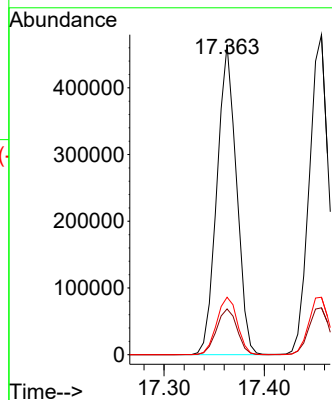
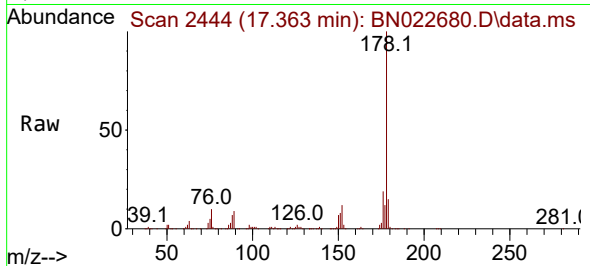




#72
Phenanthrene
Concen: 19.616 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

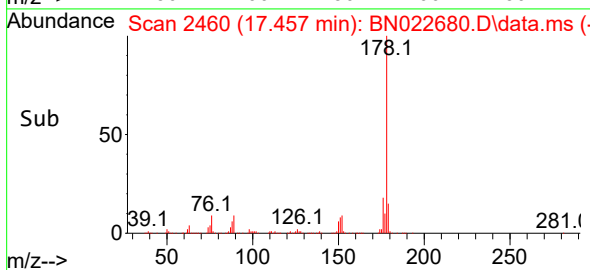
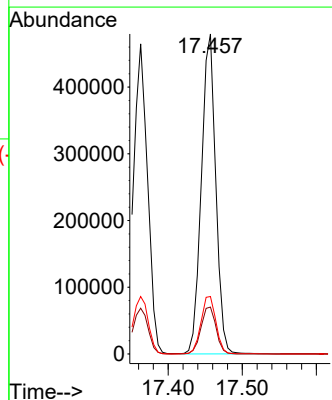
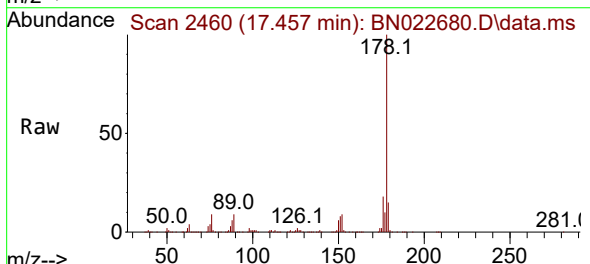
Instrument :
BNA_N
ClientSampleId :

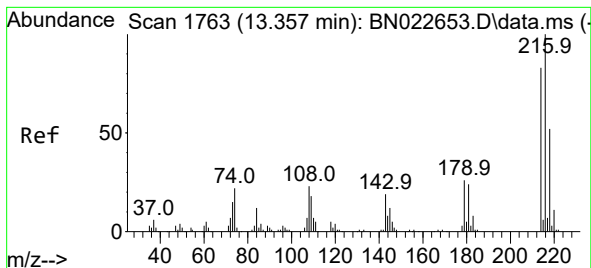
Tgt Ion:178 Resp: 626810
Ion Ratio Lower Upper
178 100
179 14.8 13.0 19.6
176 18.5 16.1 24.1



#74
Anthracene
Concen: 19.952 ng/ul
RT: 17.457 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:178 Resp: 645771
Ion Ratio Lower Upper
178 100
179 14.7 12.5 18.7
176 17.9 15.1 22.7

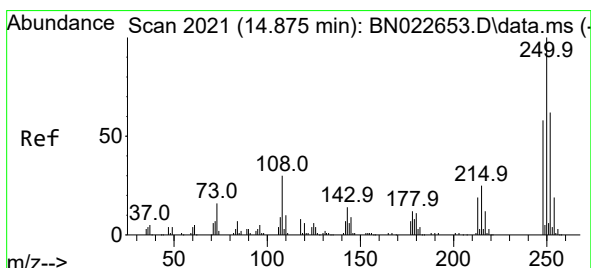
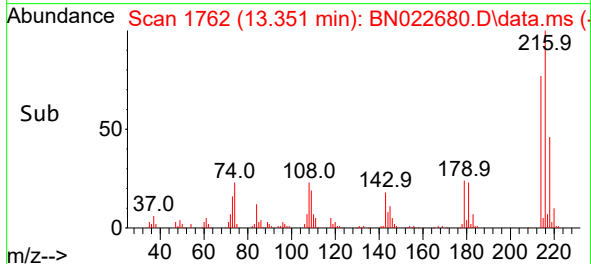
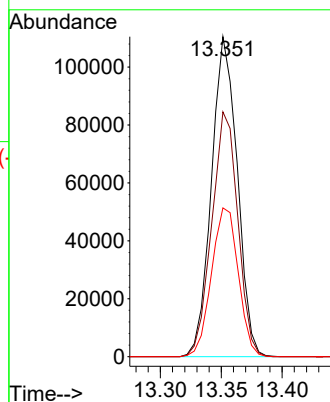
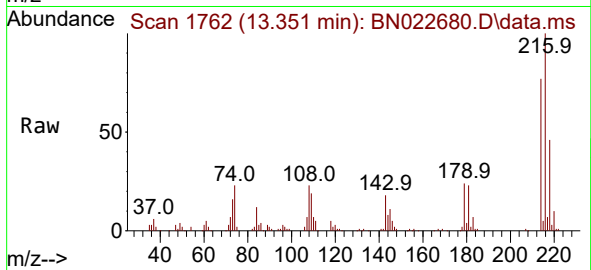




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.826 ng/uL
RT: 13.351 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

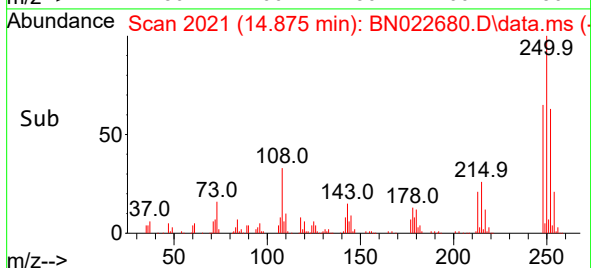
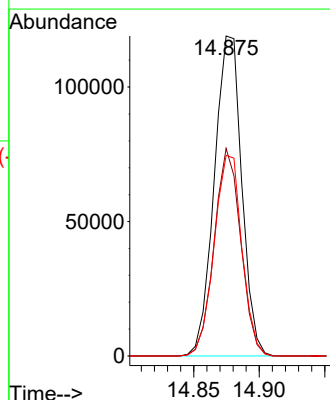
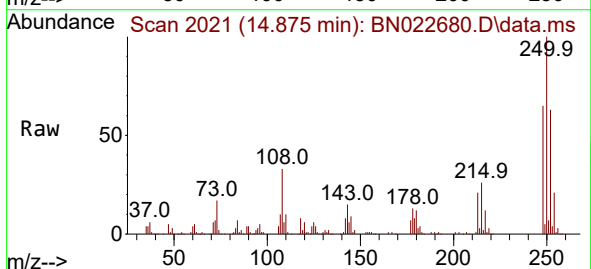
Instrument :
BNA_N
ClientSampleId :

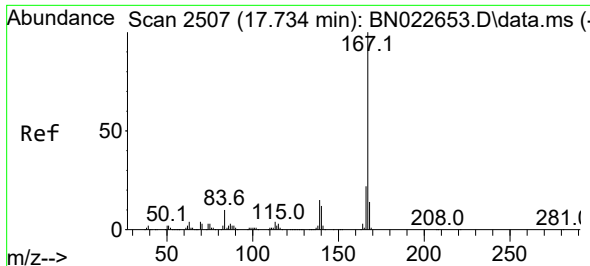
Tgt Ion:216 Resp: 162816
Ion Ratio Lower Upper
216 100
214 76.5 60.3 90.5
218 46.5 39.2 58.8



#76
Pentachlorobenzene
Concen: 20.537 ng/uL
RT: 14.875 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:250 Resp: 173285
Ion Ratio Lower Upper
250 100
248 64.8 50.7 76.1
252 62.7 51.0 76.4

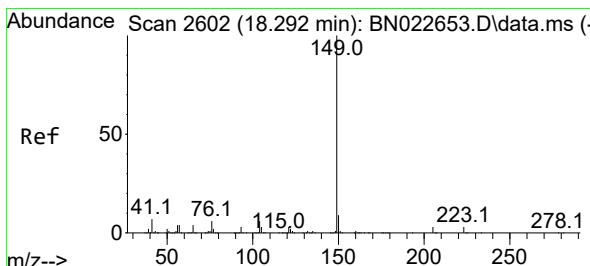
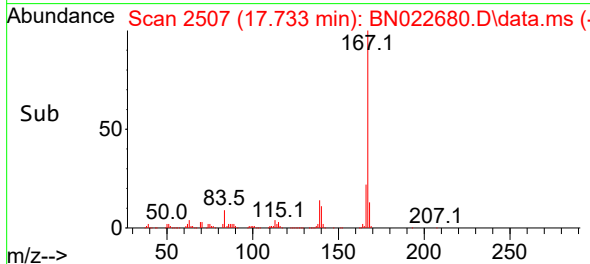
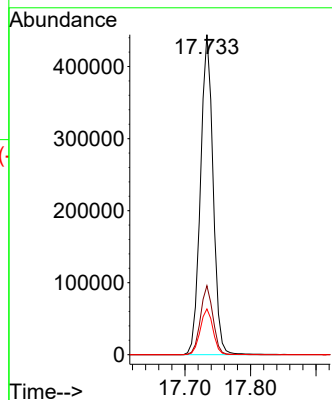
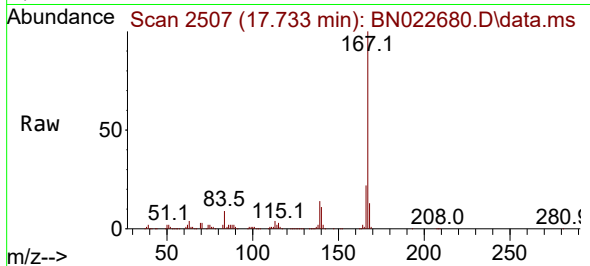




#77
 Carbazole
 Concen: 19.788 ng/ul
 RT: 17.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

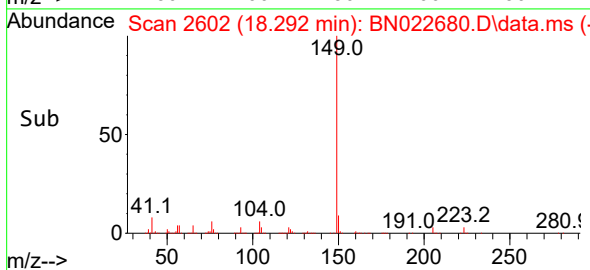
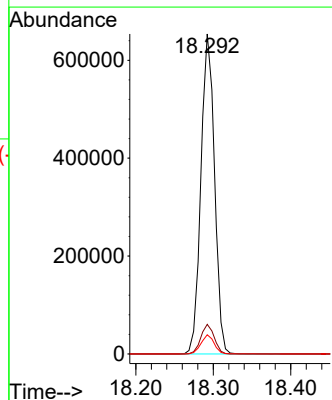
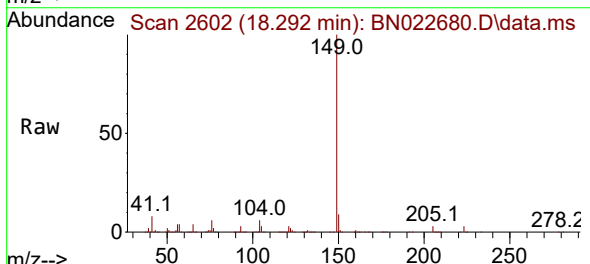
Instrument :
 BNA_N
 ClientSampleId :

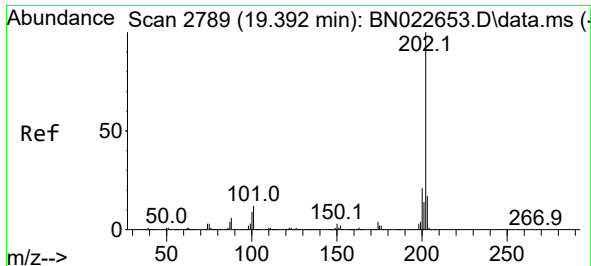
Tgt Ion:167 Resp: 595088
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 14.3 11.9 17.9



#78
 Di-n-butylphthalate
 Concen: 18.641 ng/ul
 RT: 18.292 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: BN022680.D
 Acq: 16 Nov 2022 10:49

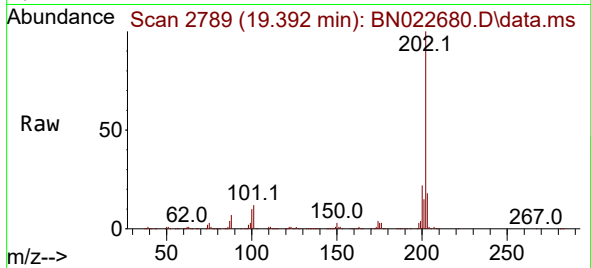
Tgt Ion:149 Resp: 797817
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.0 4.6 7.0



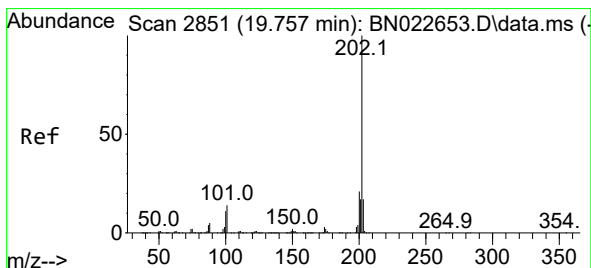
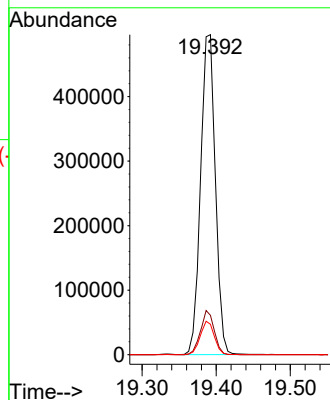
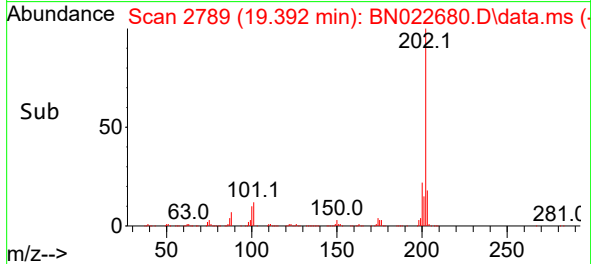


#80
Fluoranthene
Concen: 19.467 ng/ul
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Instrument :
BNA_N
ClientSampleId :

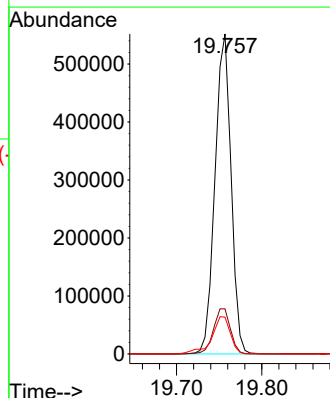
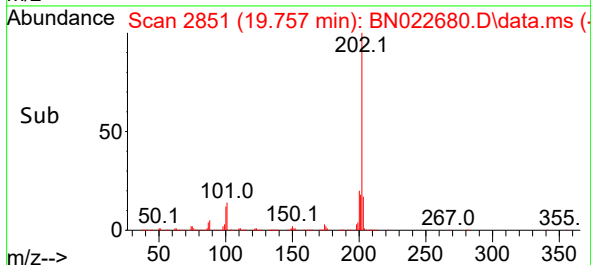
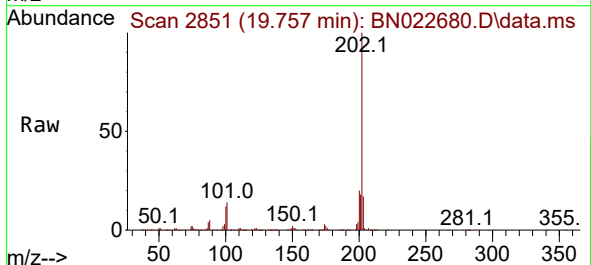


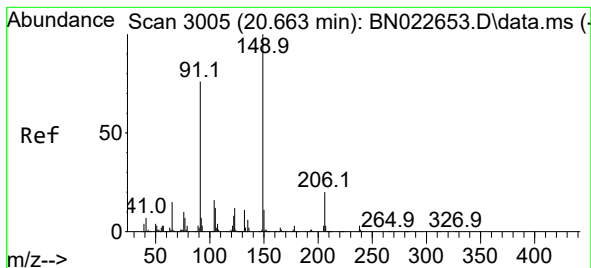
Tgt Ion:202 Resp: 687866
Ion Ratio Lower Upper
202 100
101 12.3 9.2 13.8
100 9.5 7.3 10.9



#82
Pyrene
Concen: 19.990 ng/ul
RT: 19.757 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:202 Resp: 723567
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.5 9.5 14.3





#83

Butylbenzylphthalate

Concen: 19.264 ng/ul

RT: 20.657 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

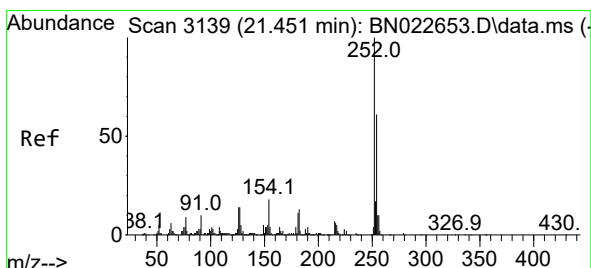
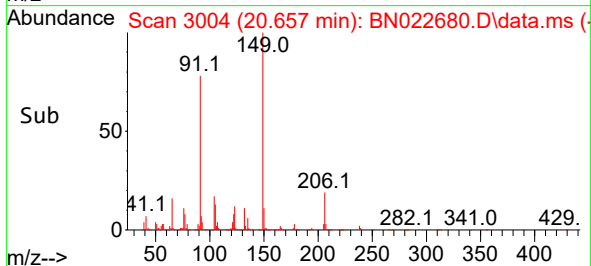
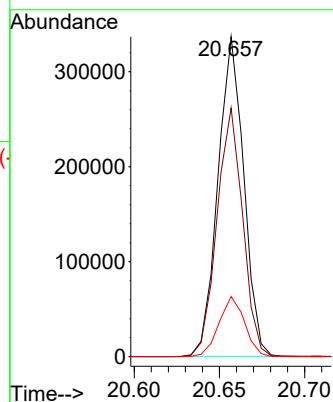
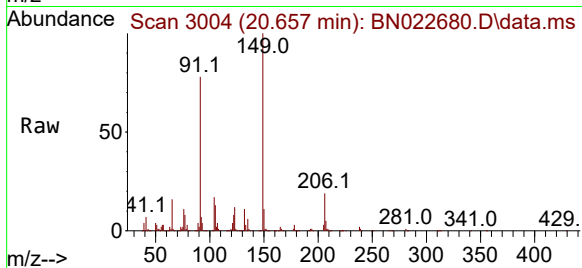
Tgt Ion:149 Resp: 354932

Ion Ratio Lower Upper

149 100

91 77.7 63.4 95.2

206 18.8 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 18.959 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

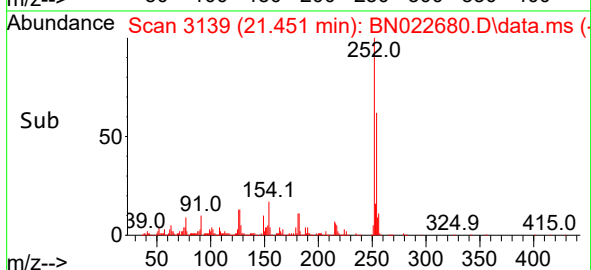
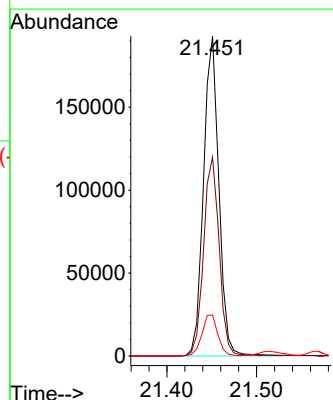
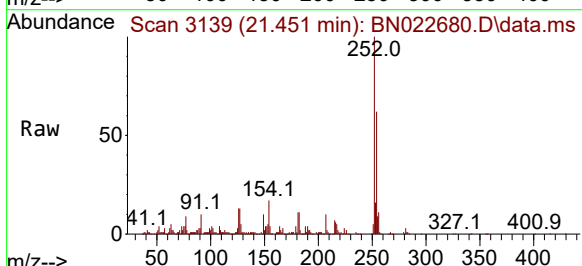
Tgt Ion:252 Resp: 228525

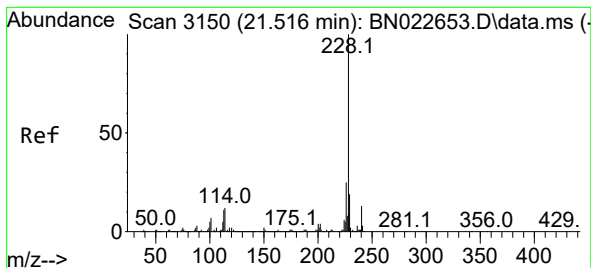
Ion Ratio Lower Upper

252 100

254 62.1 49.0 73.6

126 12.8 11.4 17.0





#85

Benzo(a)anthracene

Concen: 18.300 ng/ul

RT: 21.516 min Scan# 3150

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

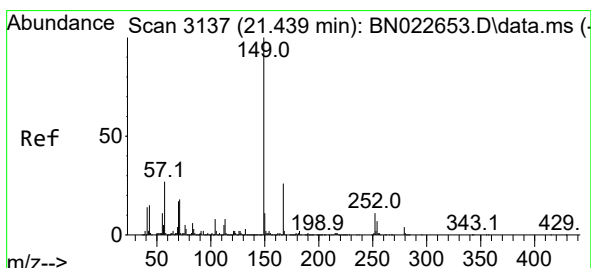
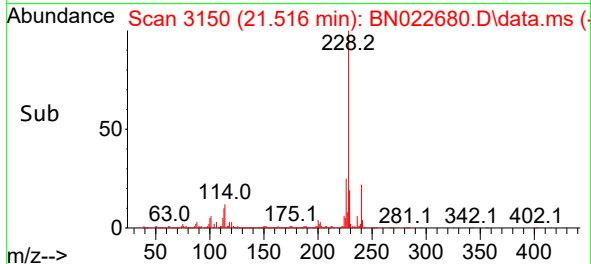
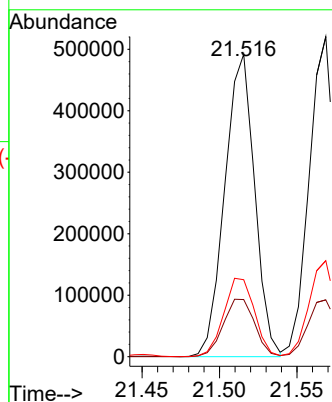
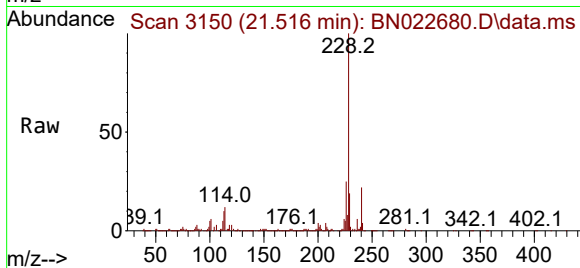
Tgt Ion:228 Resp: 660177

Ion Ratio Lower Upper

228 100

229 18.9 16.0 24.0

226 25.4 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.782 ng/ul

RT: 21.433 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

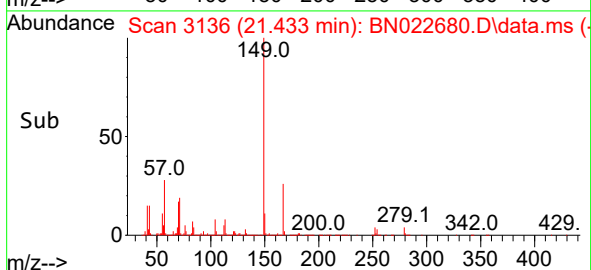
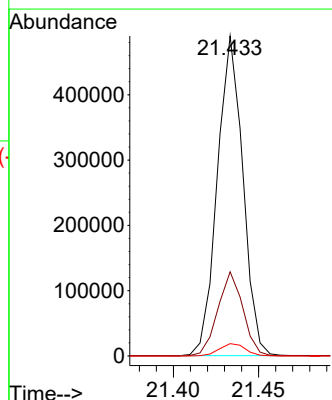
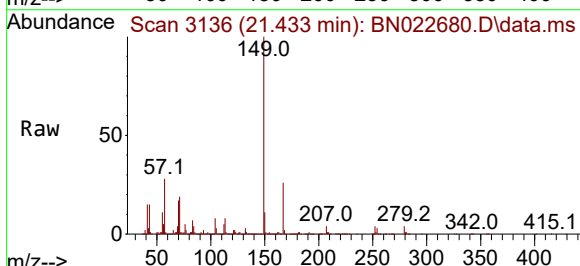
Tgt Ion:149 Resp: 510753

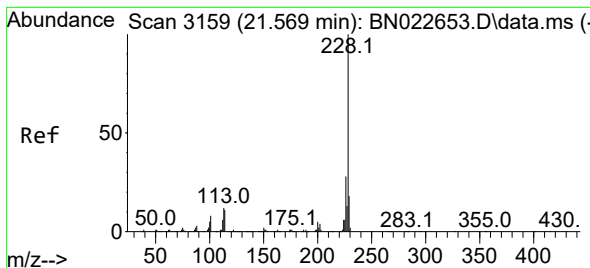
Ion Ratio Lower Upper

149 100

167 26.3 20.7 31.1

279 3.8 2.9 4.3





#87

Chrysene

Concen: 18.399 ng/ul

RT: 21.569 min Scan# 3159

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

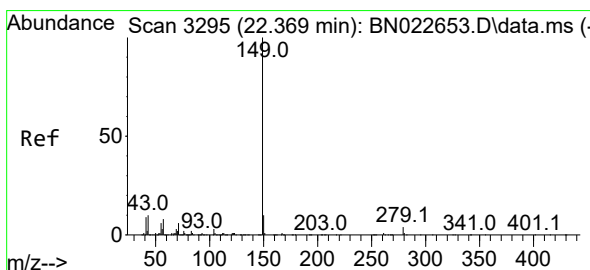
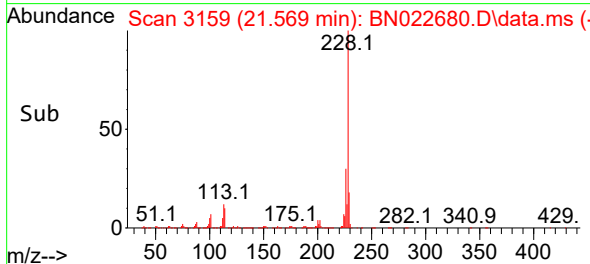
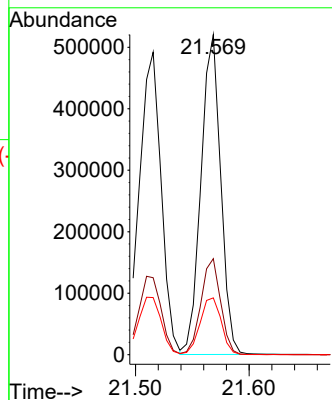
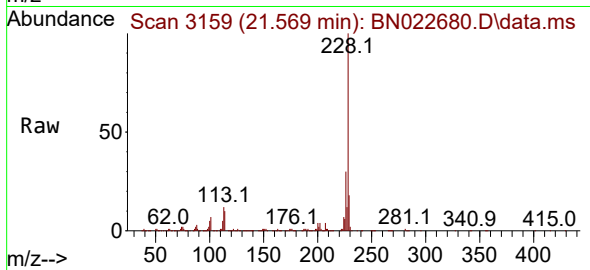
Tgt Ion:228 Resp: 628567

Ion Ratio Lower Upper

228 100

226 30.0 22.6 34.0

229 17.8 14.8 22.2



#89

Di-n-octyl phthalate

Concen: 19.879 ng/ul

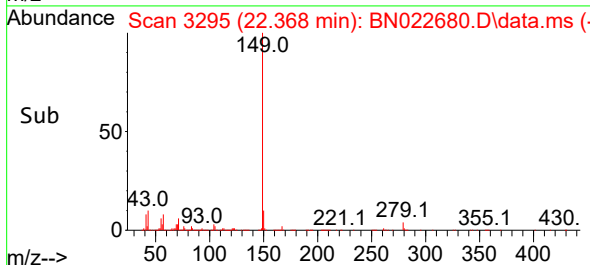
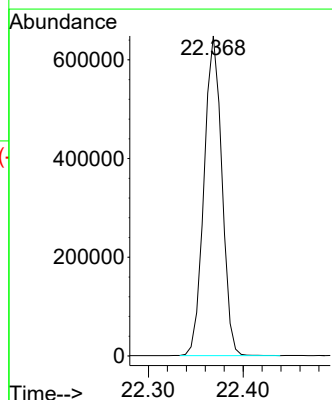
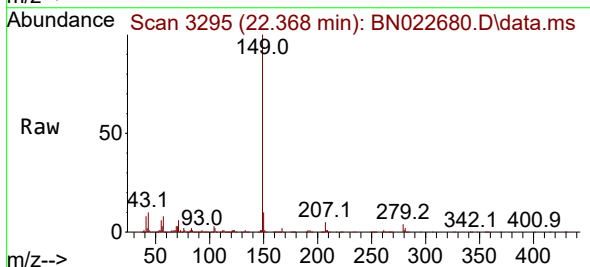
RT: 22.368 min Scan# 3295

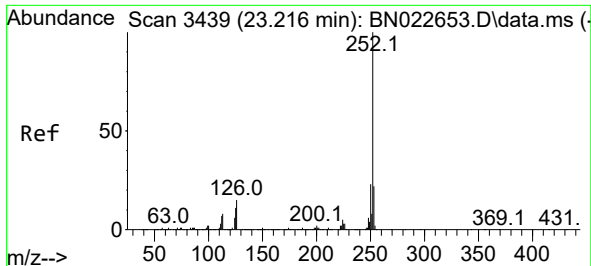
Delta R.T. -0.006 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Tgt Ion:149 Resp: 844320

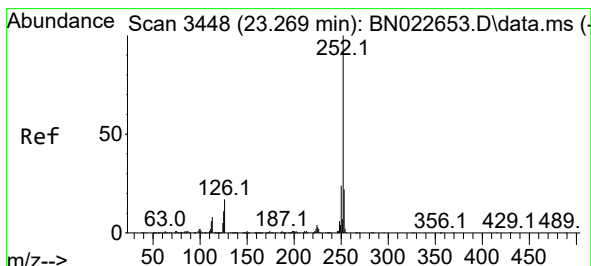
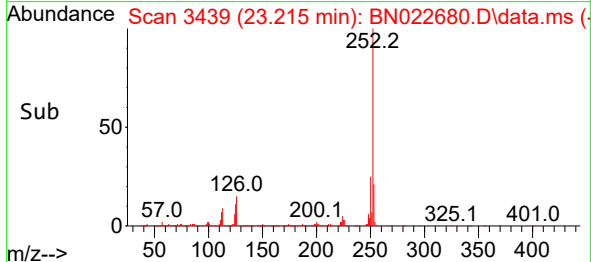
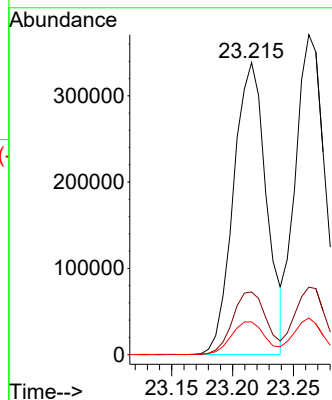
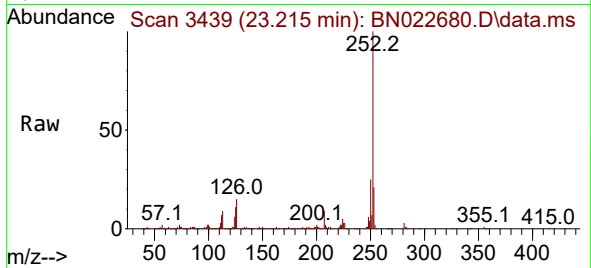




#90
Benzo(b)fluoranthene
Concen: 19.471 ng/ul
RT: 23.215 min Scan# 3439
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

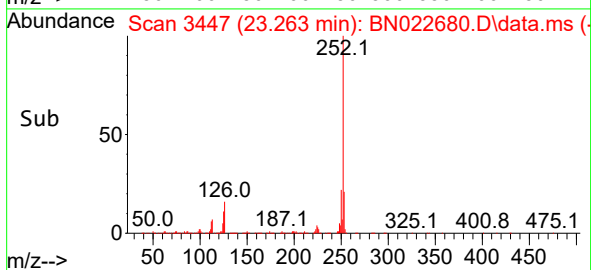
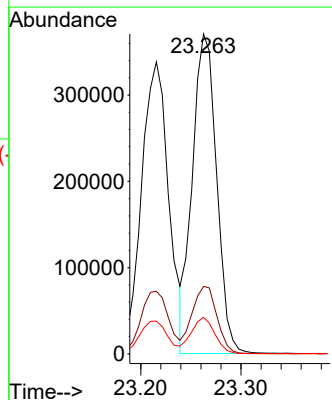
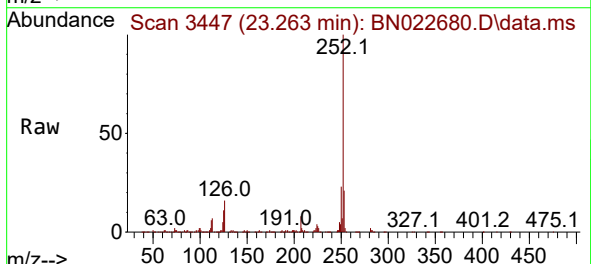
Instrument :
BNA_N
ClientSampleId :

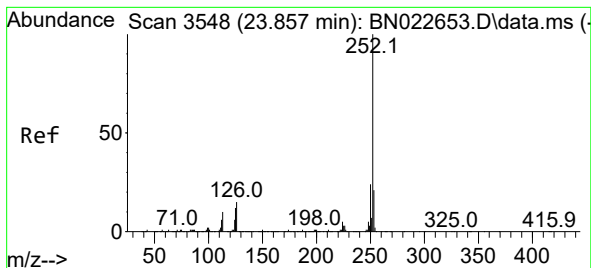
Tgt Ion:252 Resp: 637226
Ion Ratio Lower Upper
252 100
253 21.4 16.2 24.2
125 11.2 8.7 13.1



#91
Benzo(k)fluoranthene
Concen: 20.018 ng/ul
RT: 23.263 min Scan# 3447
Delta R.T. -0.000 min
Lab File: BN022680.D
Acq: 16 Nov 2022 10:49

Tgt Ion:252 Resp: 621853
Ion Ratio Lower Upper
252 100
253 21.1 16.2 24.4
125 11.4 9.0 13.6





#93

Benzo(a)pyrene

Concen: 19.164 ng/ul

RT: 23.851 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

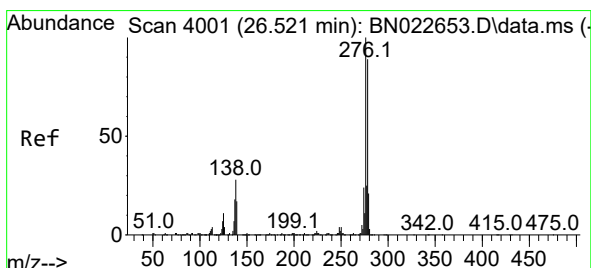
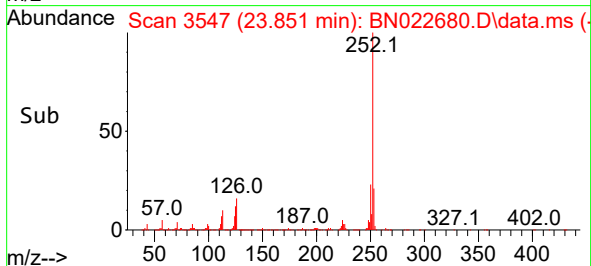
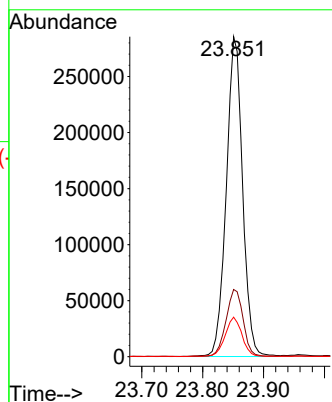
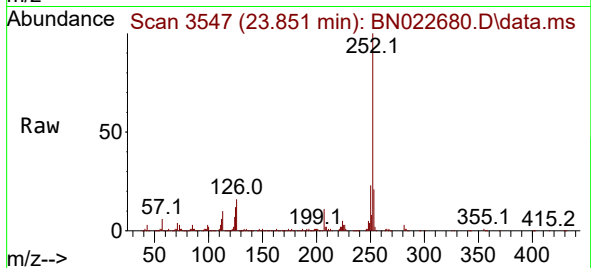
Tgt Ion:252 Resp: 531630

Ion Ratio Lower Upper

252 100

253 21.0 15.4 23.2

125 12.4 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.158 ng/ul

RT: 26.509 min Scan# 3999

Delta R.T. -0.012 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

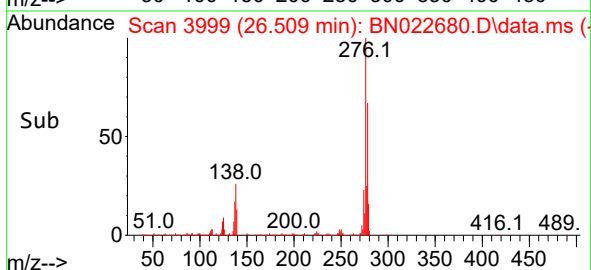
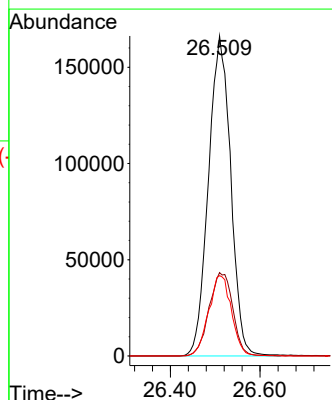
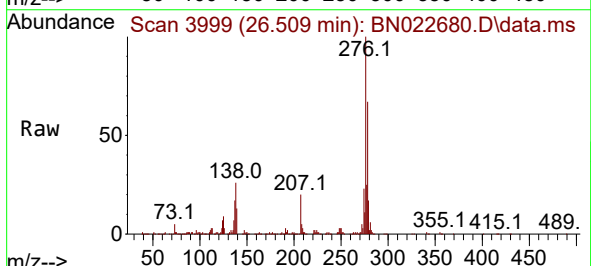
Tgt Ion:276 Resp: 572866

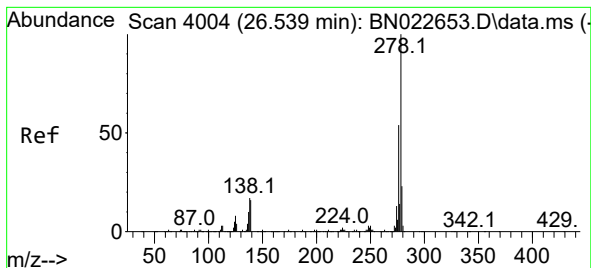
Ion Ratio Lower Upper

276 100

138 26.0 21.3 31.9

277 25.1 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 18.213 ng/ul

RT: 26.533 min Scan# 4004

Delta R.T. -0.000 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Instrument :

BNA_N

ClientSampleId :

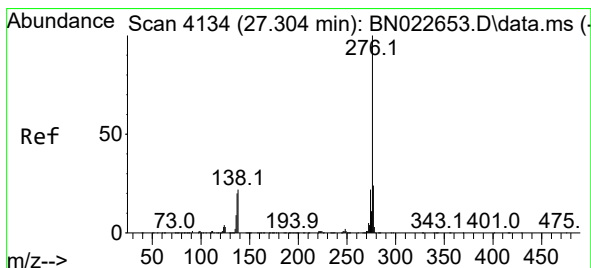
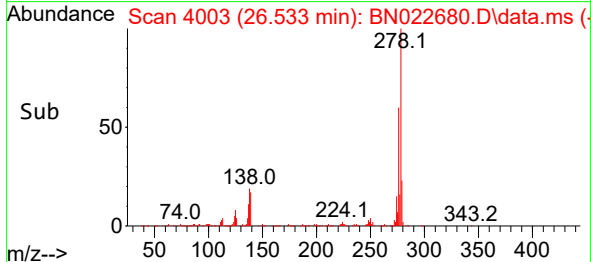
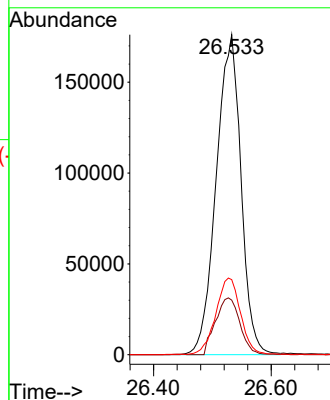
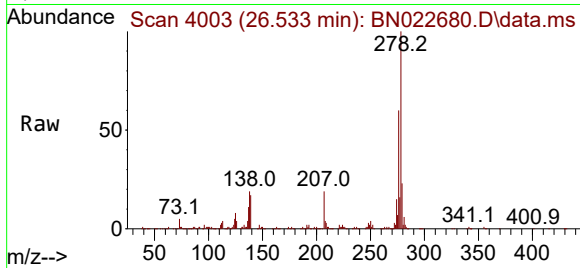
Tgt Ion:278 Resp: 515003

Ion Ratio Lower Upper

278 100

139 17.1 14.4 21.6

279 23.5 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 17.898 ng/ul

RT: 27.304 min Scan# 4134

Delta R.T. 0.012 min

Lab File: BN022680.D

Acq: 16 Nov 2022 10:49

Tgt Ion:276 Resp: 492339

Ion Ratio Lower Upper

276 100

138 22.3 18.6 27.8

277 21.6 18.0 27.0

