

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022679.D
 Acq On : 16 Nov 2022 10:12
 Operator : CG/JU
 Sample : PB149024BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 16 10:57:58 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	67014	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	290434	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	183022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	366852	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	328216	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	294715	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13902	7.083	ng/uL	0.00
4) Pyridine-d5	3.628	84	175925	31.693	ng/u1	0.00
7) Phenol-d5	7.051	99	237910	37.589	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	145216	38.266	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	176370	38.050	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	191376	38.300	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	89423	39.777	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	100398	40.024	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	173754	40.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	231799	35.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	521016	39.138	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	581284	39.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	101762	38.345	ng/u1	0.00
60) Fluorene-d10	15.557	176	418722	38.351	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	86750	37.203	ng/u1	0.00
73) Anthracene-d10	17.421	188	659566	41.060	ng/u1	0.00
81) Pyrene-d10	19.727	212	703508	41.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	613420	41.405	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	26291	12.587	ng/uL	95
5) Pyridine	3.646	79	180978	32.882	ng/u1	96
6) Benzaldehyde	7.010	77	146290	45.684	ng/u1	97
8) Phenol	7.075	94	243099	36.878	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.298	93	185186	36.052	ng/u1	99
12) 2-Chlorophenol	7.434	128	185002	37.379	ng/u1	99
13) 2-Methylphenol	8.340	108	182542	37.202	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	249172	36.748	ng/u1	99
16) Acetophenone	8.722	105	289758	36.332	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.704	70	156936	36.922	ng/u1	98
18) 4-Methylphenol	8.675	108	199670	37.476	ng/u1	99
19) Hexachloroethane	8.957	117	77503	36.985	ng/u1	99
22) Nitrobenzene	9.098	77	231253	37.968	ng/u1	98
23) Isophorone	9.634	82	444367	38.142	ng/u1	100
25) 2-Nitrophenol	9.816	139	106861	38.749	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	224551	37.959	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.116	93	258366	38.456	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	171476	39.452	ng/u1	99
30) Naphthalene	10.751	128	591348	38.361	ng/u1	100
32) 4-Chloroaniline	10.875	127	239825	35.255	ng/u1	99
33) Hexachlorobutadiene	11.028	225	105813	39.552	ng/u1	98
34) Caprolactam	11.681	113	38261	23.204	ng/u1	94
35) 4-Chloro-3-methylphenol	12.016	107	218999	38.634	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	402293	38.308	ng/u1	98

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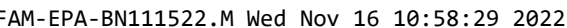
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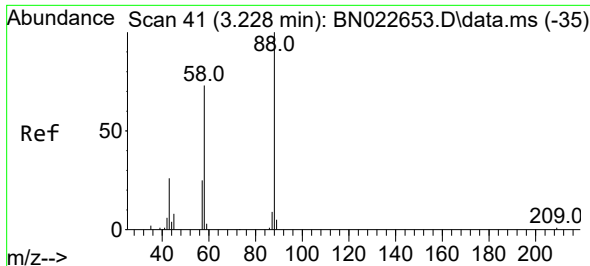
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	404137	38.390	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.745	216	188086	38.287	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	100192	34.932	ng/ul	98
41) 2,4,6-Trichlorophenol	12.992	196	134880	38.671	ng/ul	96
42) 2,4,5-Trichlorophenol	13.069	196	146202	39.583	ng/ul	97
43) 1,1'-Biphenyl	13.392	154	517059	38.488	ng/ul	99
44) 2-Chloronaphthalene	13.433	162	403543	38.550	ng/ul	99
45) 2-Nitroaniline	13.651	65	152082	40.004	ng/ul	98
47) Dimethylphthalate	14.022	163	538482	38.485	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	113587	40.104	ng/ul	98
50) Acenaphthylene	14.280	152	642764	39.227	ng/ul	99
51) 3-Nitroaniline	14.480	138	117583	38.556	ng/ul	100
52) Acenaphthene	14.622	153	441460	37.972	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	61447	31.043	ng/ul	97
55) 4-Nitrophenol	14.810	109	100322	38.137	ng/ul	98
56) Dibenzofuran	14.963	168	592310	38.559	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	165273	40.070	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.192	232	122782	38.813	ng/ul	98
59) Diethylphthalate	15.386	149	565214	38.112	ng/ul	98
61) Fluorene	15.616	166	493607	38.479	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.604	204	233063	38.543	ng/ul	95
63) 4-Nitroaniline	15.651	138	115857	42.599	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	88712	36.807	ng/ul	92
67) N-Nitrosodiphenylamine	15.827	169	429845	39.135	ng/ul	96
68) 4-Bromophenyl-phenylether	16.504	248	139252	38.547	ng/ul	95
69) Hexachlorobenzene	16.616	284	173031	40.974	ng/ul	92
70) Atrazine	16.786	200	154231	39.393	ng/ul	96
71) Pentachlorophenol	16.969	266	96235	35.867	ng/ul	95
72) Phenanthrene	17.363	178	785614	39.731	ng/ul	99
74) Anthracene	17.457	178	789735	39.431	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	191263	39.535	ng/uL	98
76) Pentachlorobenzene	14.875	250	185411	35.511	ng/uL	94
77) Carbazole	17.733	167	728109	39.126	ng/ul	98
78) Di-n-butylphthalate	18.292	149	964948	36.434	ng/ul	99
80) Fluoranthene	19.392	202	867931	40.884	ng/ul	99
82) Pyrene	19.757	202	888916	40.877	ng/ul	98
83) Butylbenzylphthalate	20.657	149	452121	40.844	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	290318	40.089	ng/ul	97
85) Benzo(a)anthracene	21.515	228	825370	38.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	652322	39.926	ng/ul	97
87) Chrysene	21.568	228	771130	37.570	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	1102833	42.548	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	821642	41.139	ng/ul	97
91) Benzo(k)fluoranthene	23.268	252	744144	39.252	ng/ul	99
93) Benzo(a)pyrene	23.856	252	654061	38.635	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	734882	38.169	ng/ul	98
95) Dibenzo(a,h)anthracene	26.527	278	654399	37.922	ng/ul	97
96) Benzo(g,h,i)perylene	27.297	276	631025	37.590	ng/ul	98

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

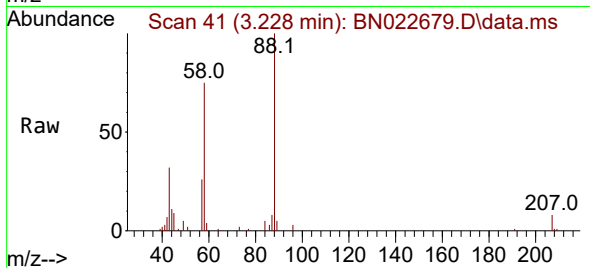
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 22:53:43 2022
Response via : Initial Calibration



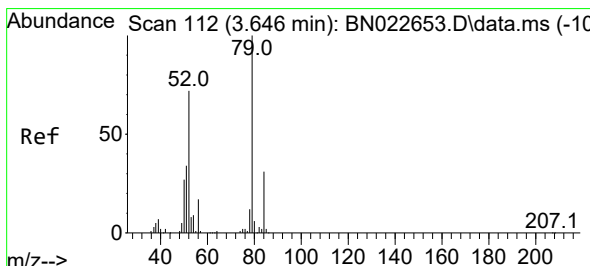
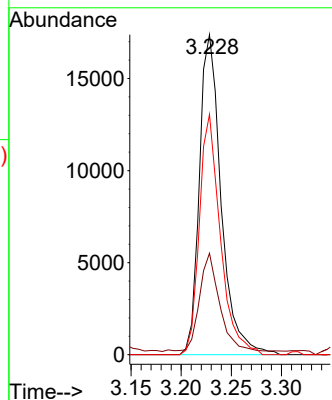
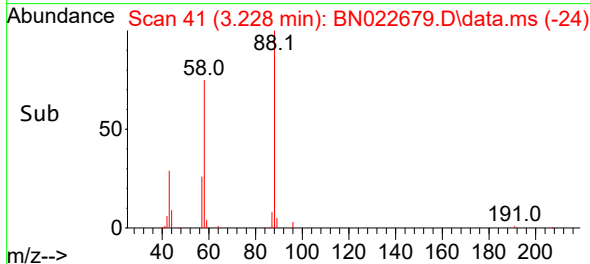


#2
1,4-Dioxane
Concen: 12.587 ng/uL
RT: 3.228 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022679.D
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BNA_N
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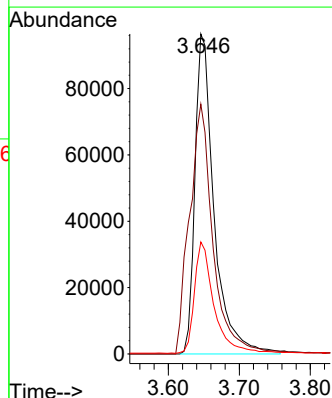
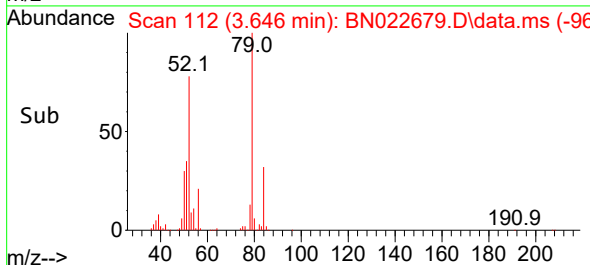
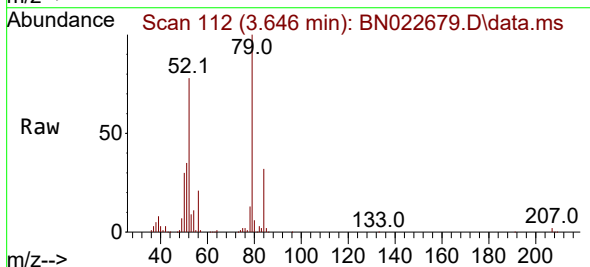


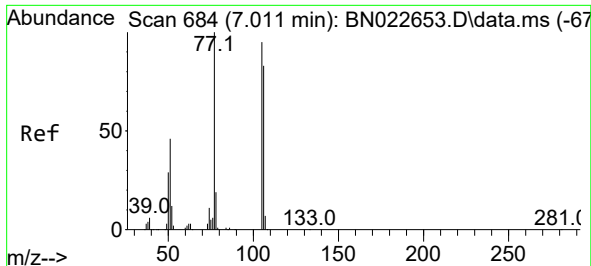
Tgt Ion: 88 Resp: 26291
Ion Ratio Lower Upper
88 100
43 31.7 30.8 46.2
58 75.1 61.7 92.5



#5
Pyridine
Concen: 32.882 ng/uL
RT: 3.646 min Scan# 112
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion: 79 Resp: 180978
Ion Ratio Lower Upper
79 100
52 78.0 58.6 88.0
51 35.0 28.8 43.2

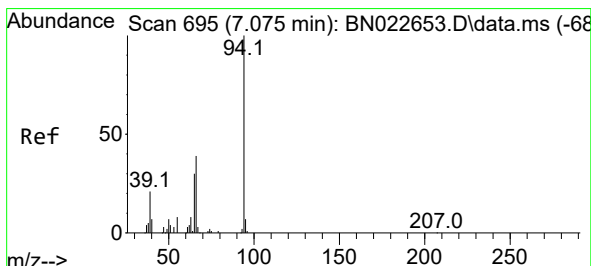
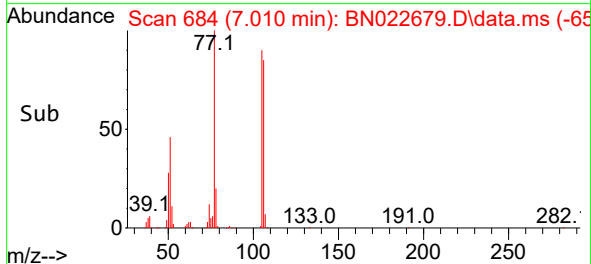
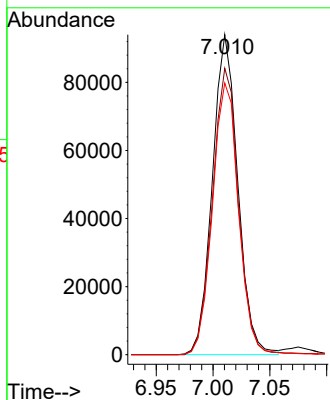
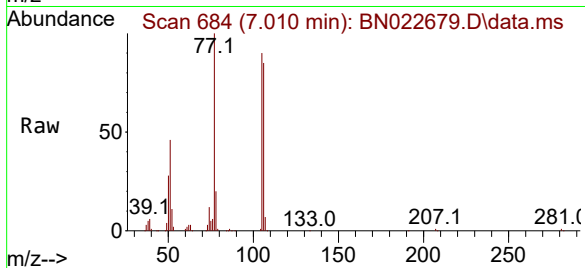




#6
Benzaldehyde
Concen: 45.684 ng/ul
RT: 7.010 min Scan# 610
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

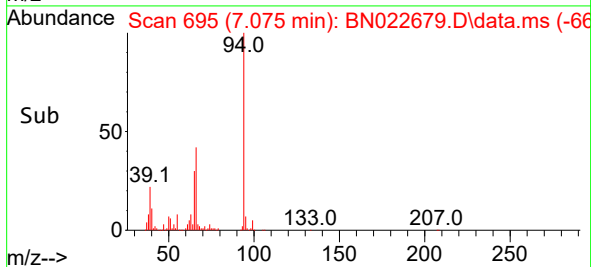
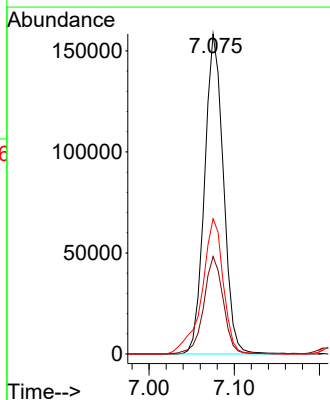
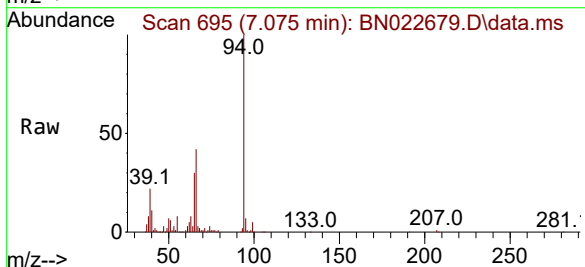
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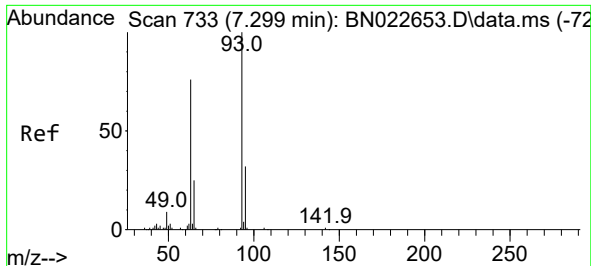
Tgt Ion: 77 Resp: 146290
Ion Ratio Lower Upper
77 100
105 89.5 75.2 112.8
106 84.9 69.0 103.6



#8
Phenol
Concen: 36.878 ng/ul
RT: 7.075 min Scan# 695
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion: 94 Resp: 243099
Ion Ratio Lower Upper
94 100
65 30.5 24.3 36.5
66 42.3 33.5 50.3



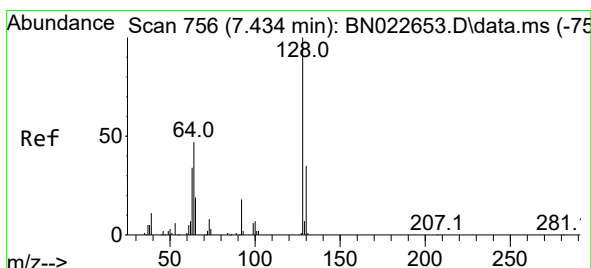
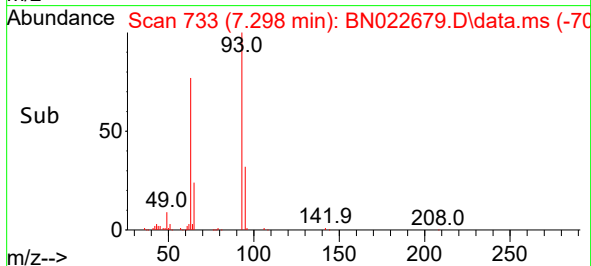
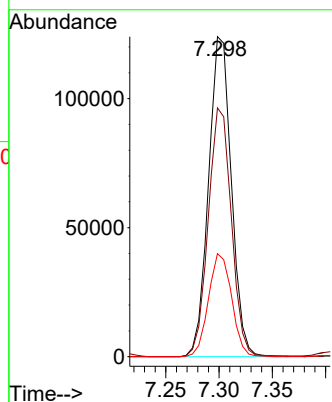
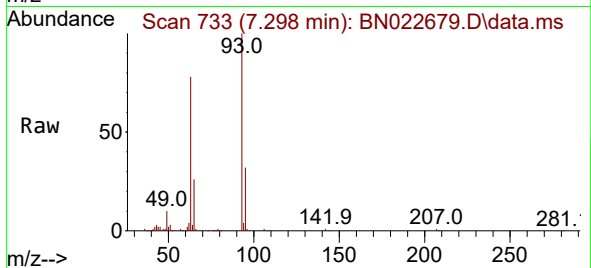


#10
 Bis(2-Chloroethyl)ether
 Concen: 36.052 ng/ul
 RT: 7.298 min Scan# 733
 Delta R.T. -0.006 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 93 Resp: 185186

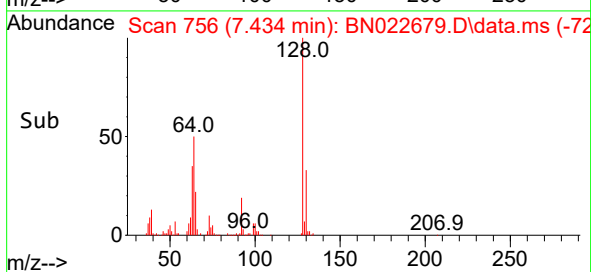
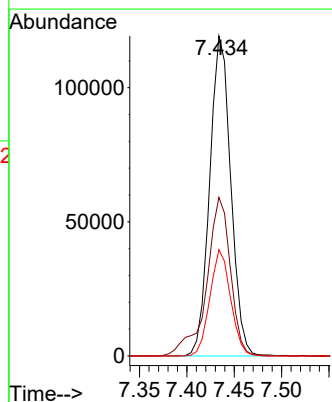
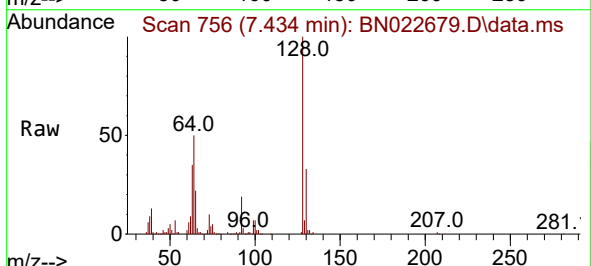
Ion	Ratio	Lower	Upper
93	100		
63	77.8	61.8	92.6
95	32.2	26.3	39.5

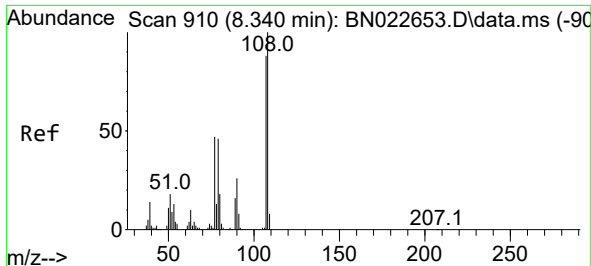


#12
 2-Chlorophenol
 Concen: 37.379 ng/ul
 RT: 7.434 min Scan# 756
 Delta R.T. -0.006 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12

Tgt Ion:128 Resp: 185002

Ion	Ratio	Lower	Upper
128	100		
64	49.6	40.0	60.0
130	33.2	26.3	39.5





#13

2-Methylphenol

Concen: 37.202 ng/ul

RT: 8.340 min Scan# 910

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

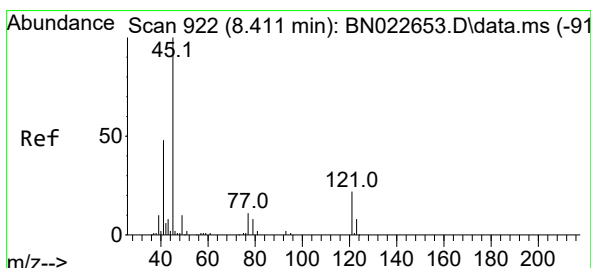
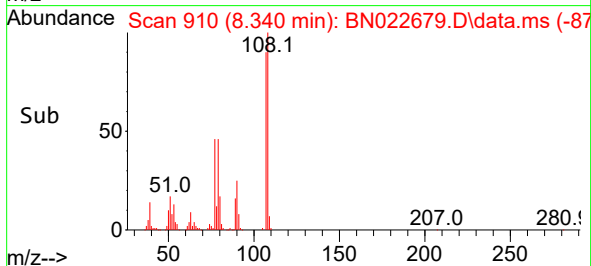
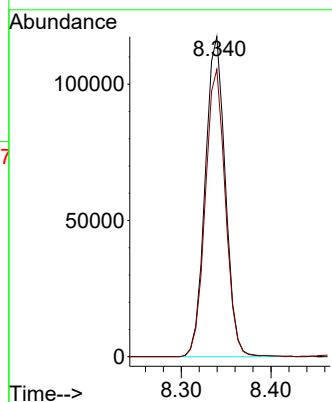
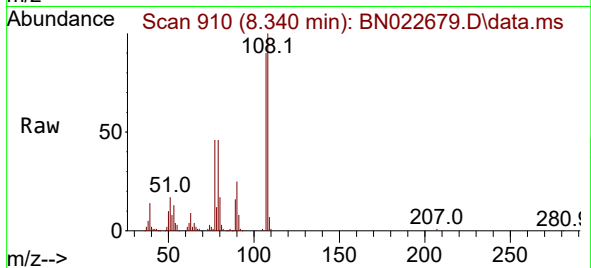
ClientSampleId :

Tgt Ion:108 Resp: 182542

Ion Ratio Lower Upper

108 100

107 89.8 74.1 111.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.748 ng/ul

RT: 8.422 min Scan# 924

Delta R.T. 0.006 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

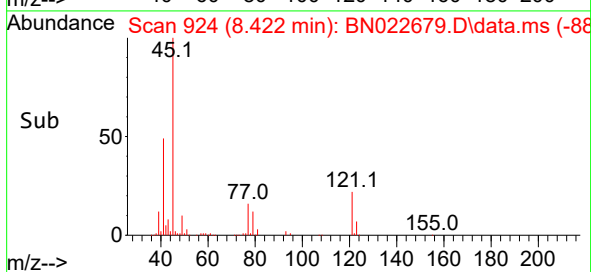
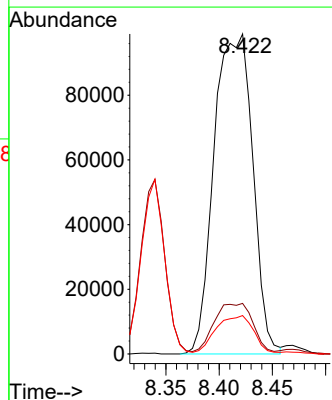
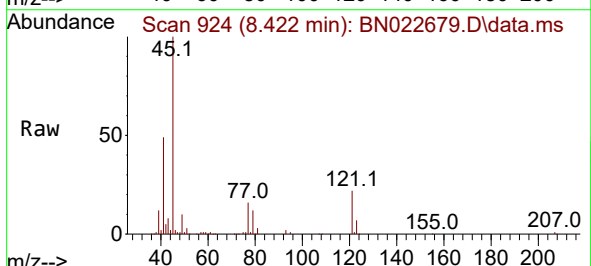
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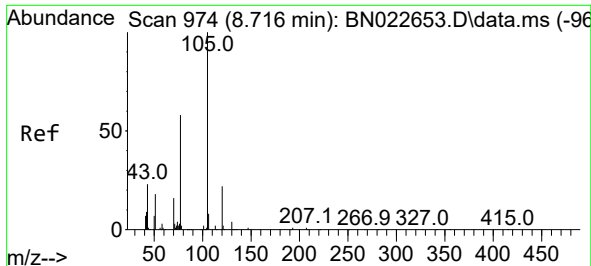
Ion Ratio Lower Upper

45 100

77 15.8 13.0 19.4

79 12.0 9.5 14.3

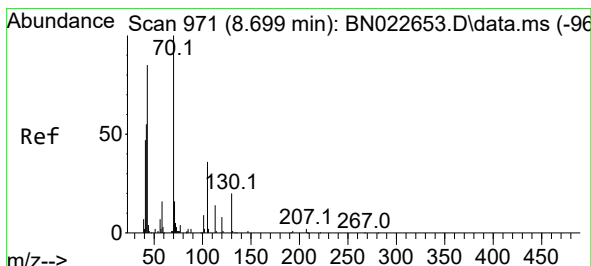
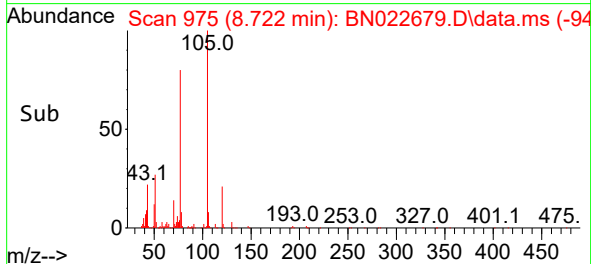
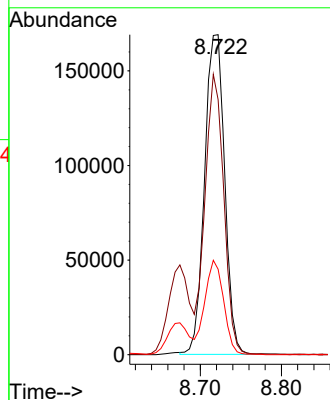
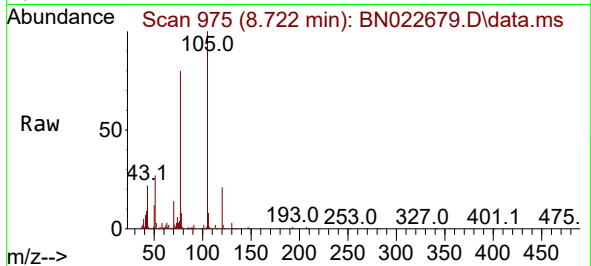




#16
Acetophenone
Concen: 36.332 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

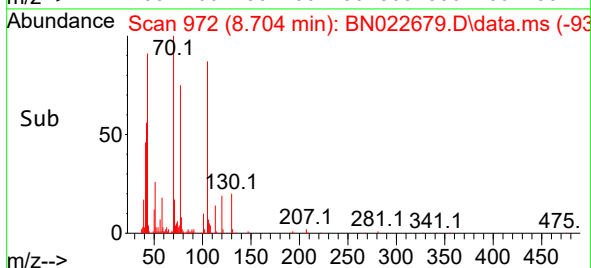
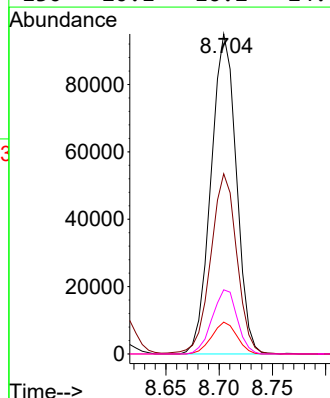
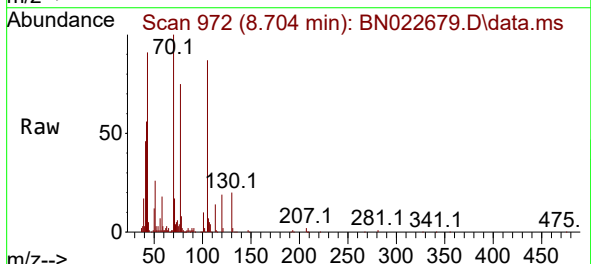
Instrument :
BNA_N
ClientSampleId :

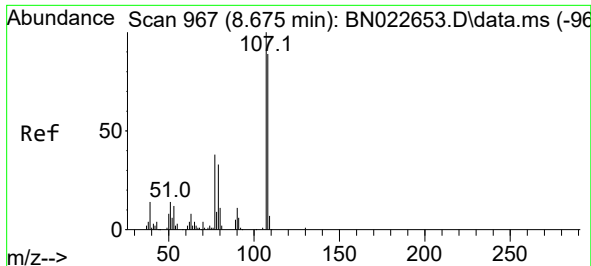
Tgt Ion:105 Resp: 289758
Ion Ratio Lower Upper
105 100
77 79.7 64.0 96.0
51 26.7 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 36.922 ng/ul
RT: 8.704 min Scan# 972
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion: 70 Resp: 156936
Ion Ratio Lower Upper
70 100
42 56.3 43.4 65.2
101 9.9 8.0 12.0
130 20.1 16.2 24.4





#18

4-Methylphenol

Concen: 37.476 ng/ul

RT: 8.675 min Scan# 9

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

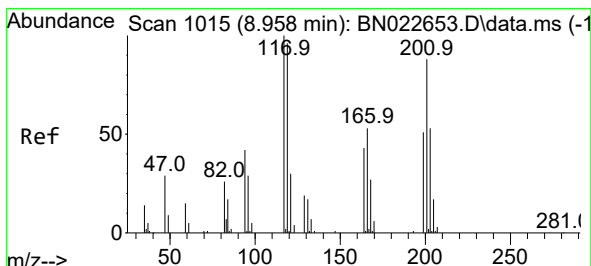
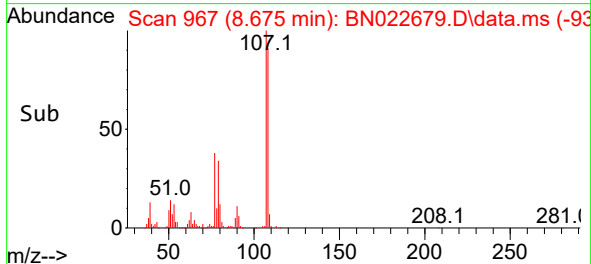
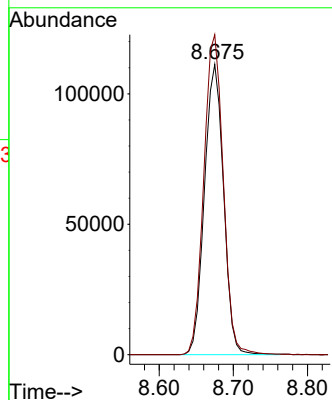
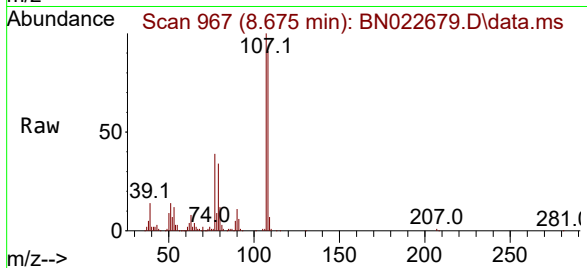
ClientSampleId :

Tgt Ion:108 Resp: 199670

Ion Ratio Lower Upper

108 100

107 110.2 89.4 134.2



#19

Hexachloroethane

Concen: 36.985 ng/ul

RT: 8.957 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

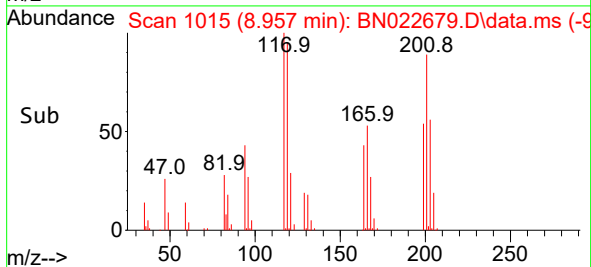
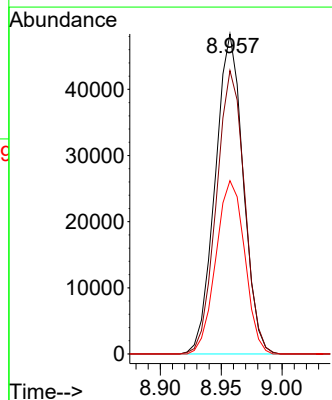
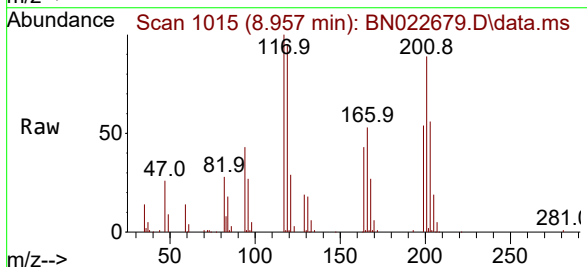
Tgt Ion:117 Resp: 77503

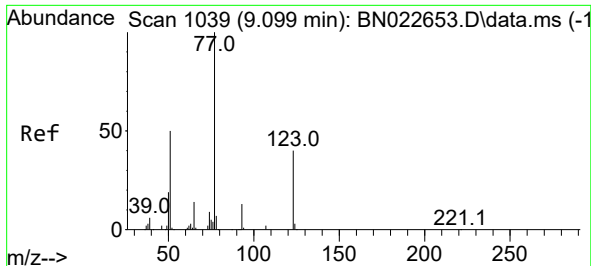
Ion Ratio Lower Upper

117 100

201 88.6 69.5 104.3

199 54.2 43.9 65.9

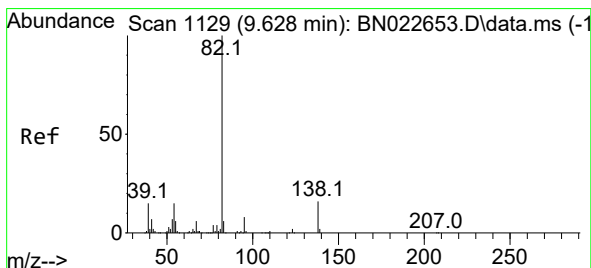
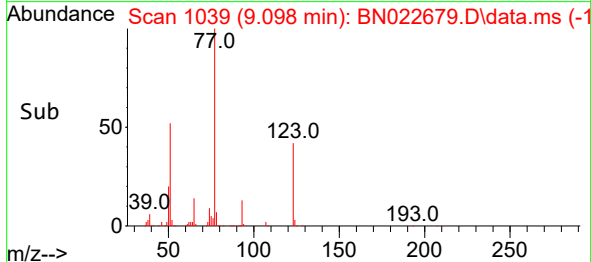
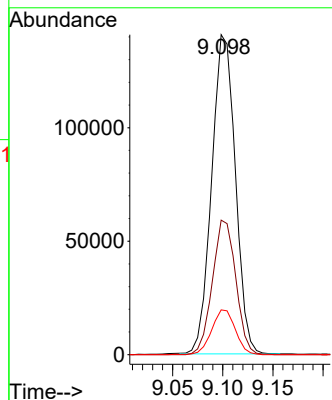
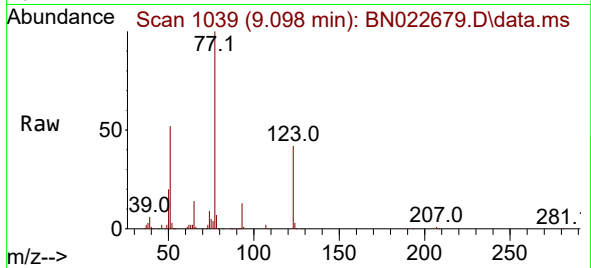




#22
Nitrobenzene
Concen: 37.968 ng/ul
RT: 9.098 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

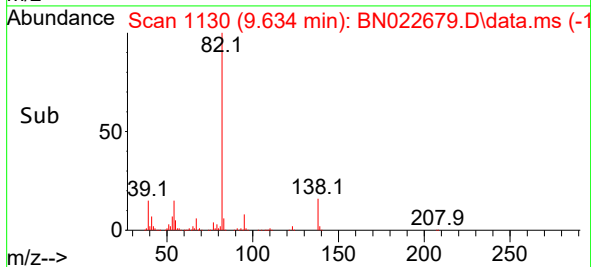
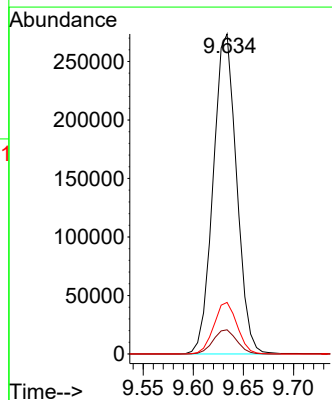
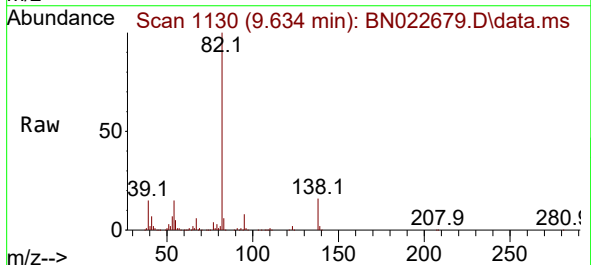
Instrument :
BNA_N
ClientSampleId :

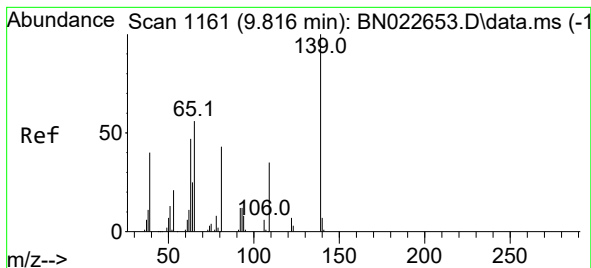
Tgt Ion: 77 Resp: 231253
Ion Ratio Lower Upper
77 100
123 42.0 32.6 49.0
65 14.0 10.7 16.1



#23
Isophorone
Concen: 38.142 ng/ul
RT: 9.634 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion: 82 Resp: 444367
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 16.1 12.8 19.2





#25

2-Nitrophenol

Concen: 38.749 ng/ul

RT: 9.816 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BN022679.D

ClientSampleId :

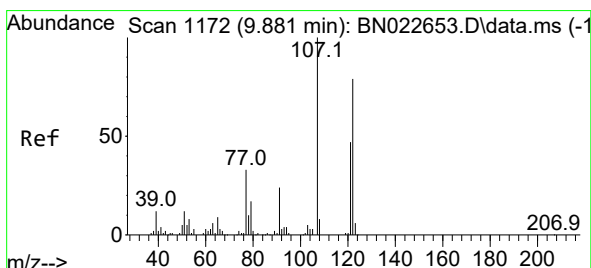
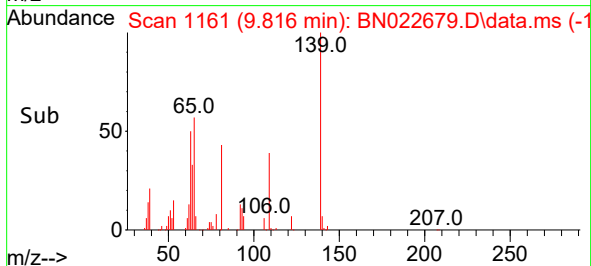
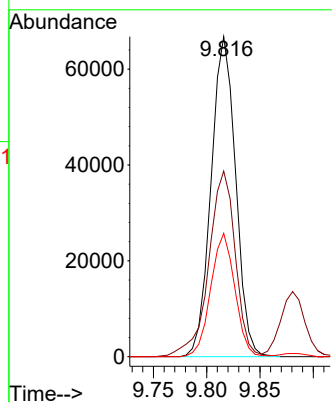
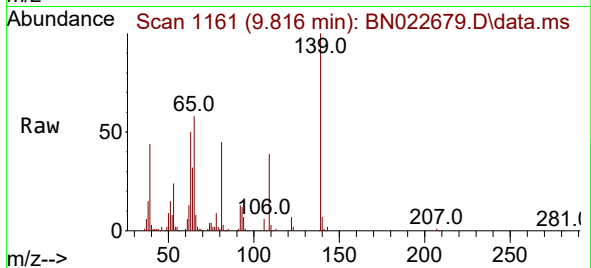
Tgt Ion:139 Resp: 106861

Ion Ratio Lower Upper

139 100

65 58.0 45.4 68.2

109 38.5 27.9 41.9



#26

2,4-Dimethylphenol

Concen: 37.959 ng/ul

RT: 9.881 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

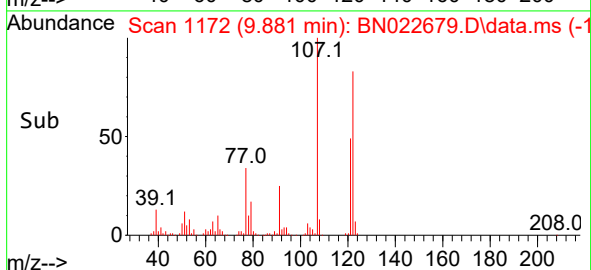
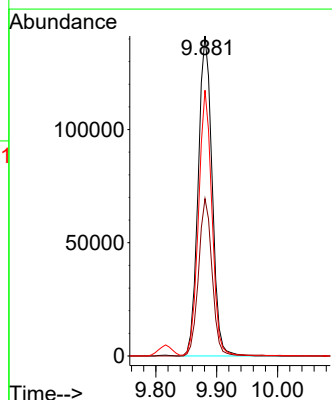
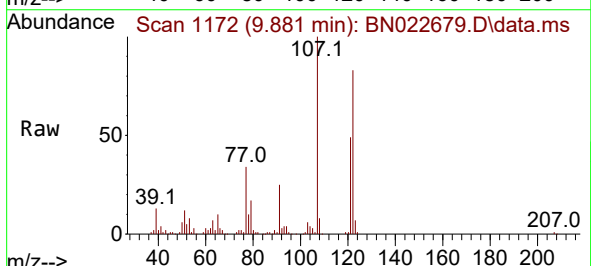
Tgt Ion:107 Resp: 224551

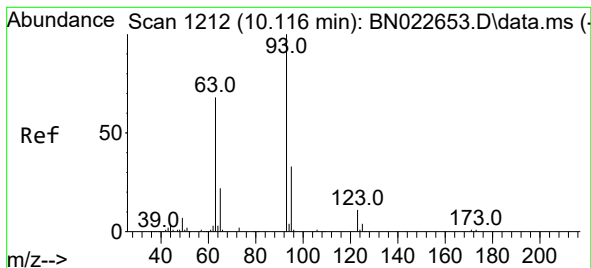
Ion Ratio Lower Upper

107 100

121 49.2 38.5 57.7

122 83.1 64.1 96.1





#27

Bis(2-Chloroethoxy)methane

Concen: 38.456 ng/ul

RT: 10.116 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

ClientSampleId :

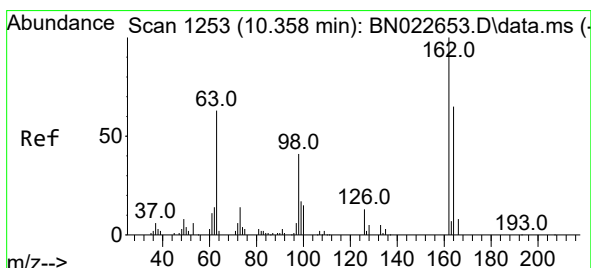
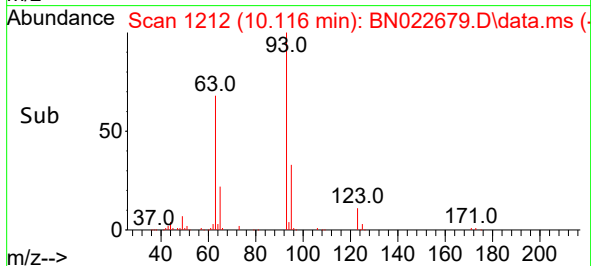
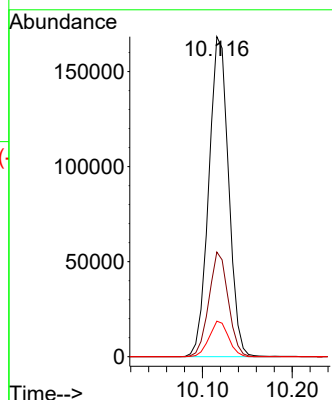
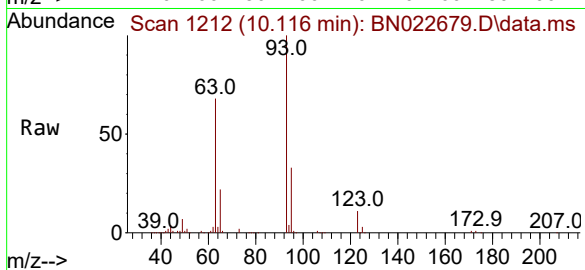
Tgt Ion: 93 Resp: 258366

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 11.1 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 39.452 ng/ul

RT: 10.357 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

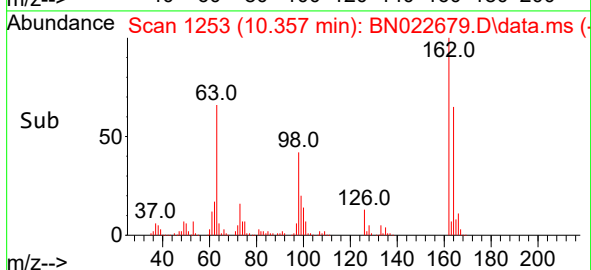
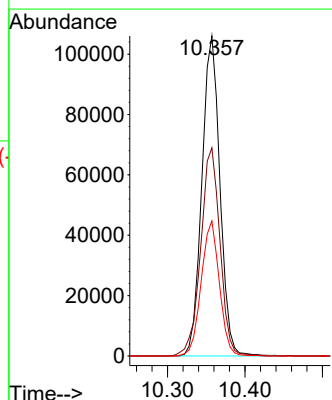
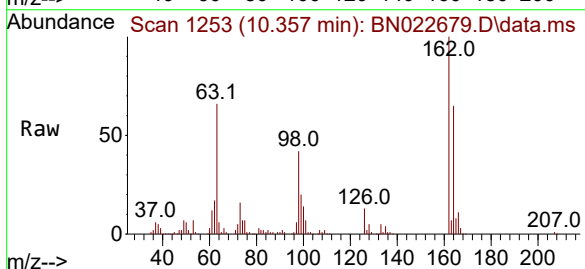
Tgt Ion:162 Resp: 171476

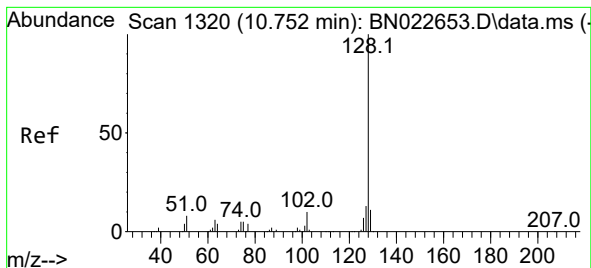
Ion Ratio Lower Upper

162 100

164 65.0 51.9 77.9

98 42.2 33.1 49.7

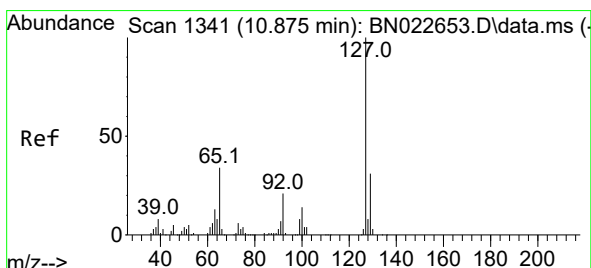
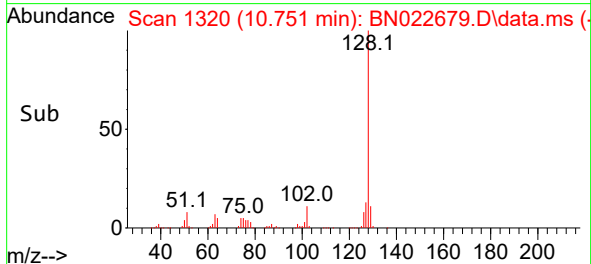
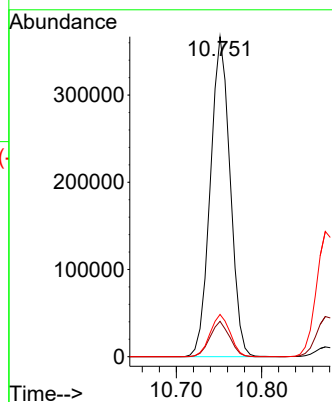
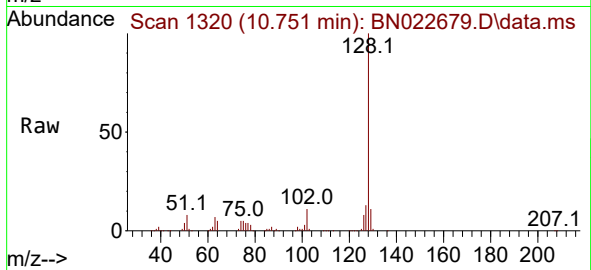




#30
Naphthalene
Concen: 38.361 ng/ul
RT: 10.751 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

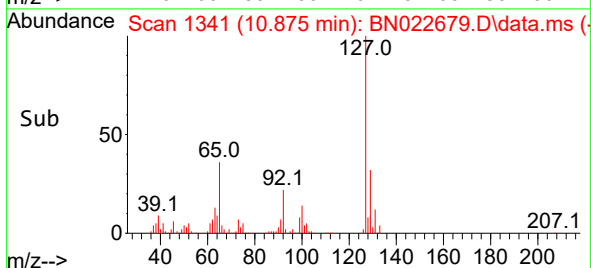
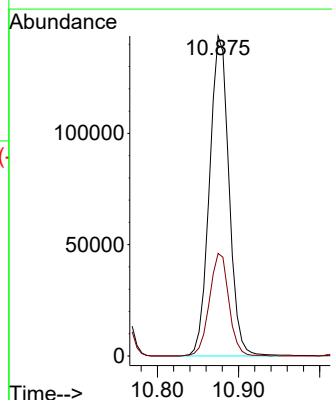
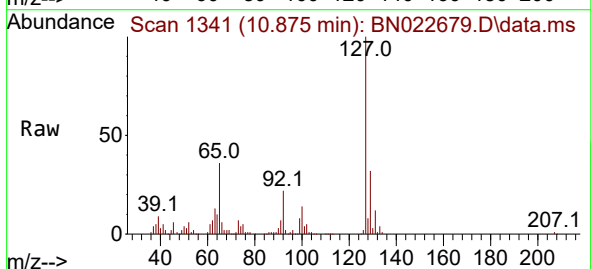
Instrument :
BNA_N
ClientSampleId :

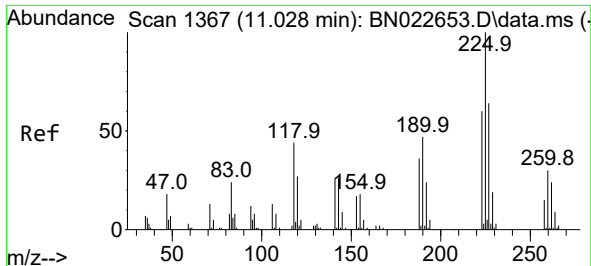
Tgt Ion:128 Resp: 591348
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 16.0



#32
4-Chloroaniline
Concen: 35.255 ng/ul
RT: 10.875 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:127 Resp: 239825
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.0

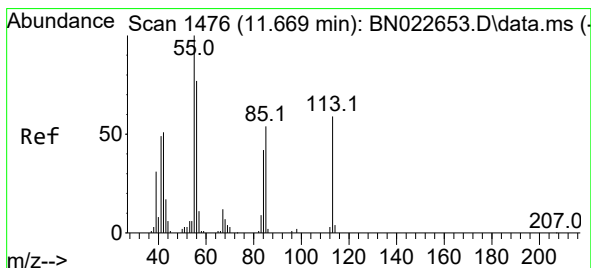
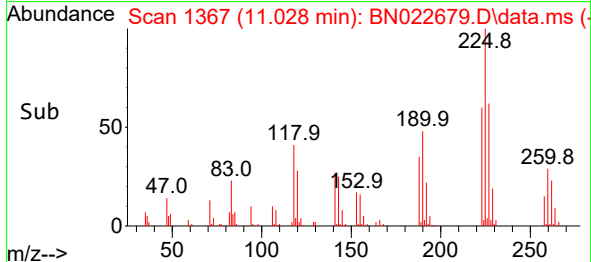
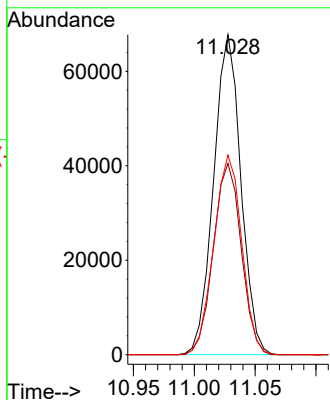
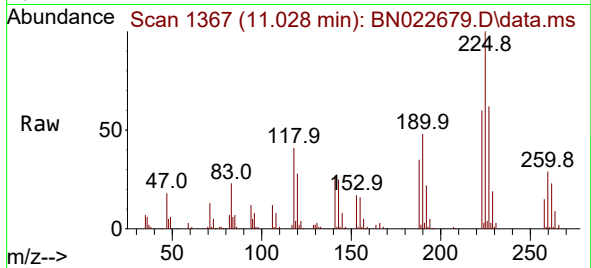




#33
Hexachlorobutadiene
Concen: 39.552 ng/ul
RT: 11.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

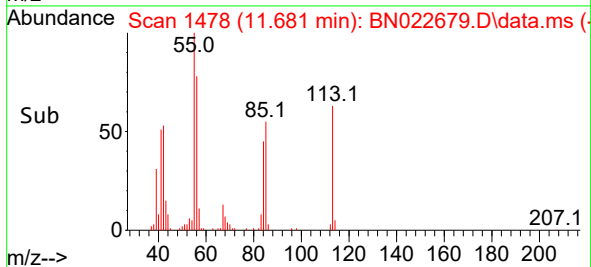
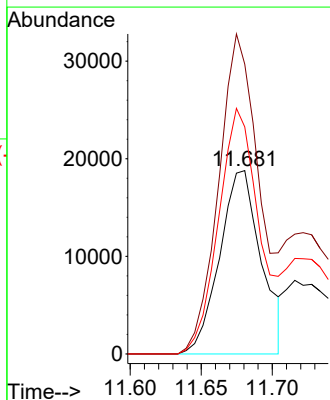
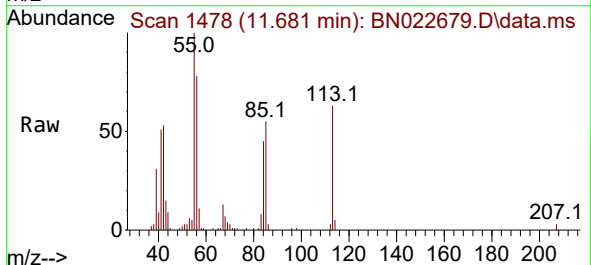
Instrument :
BNA_N
ClientSampleId :

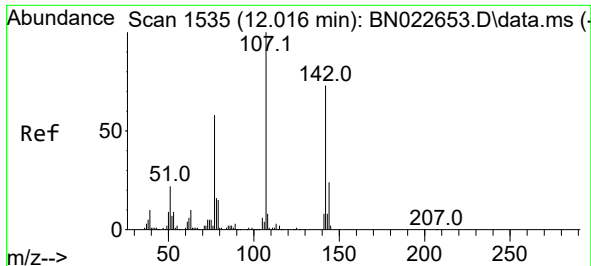
Tgt Ion:225 Resp: 105813
Ion Ratio Lower Upper
225 100
223 59.8 48.6 73.0
227 62.4 47.8 71.8



#34
Caprolactam
Concen: 23.204 ng/ul
RT: 11.681 min Scan# 1478
Delta R.T. 0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:113 Resp: 38261
Ion Ratio Lower Upper
113 100
55 158.0 133.8 200.8
56 123.9 103.8 155.6

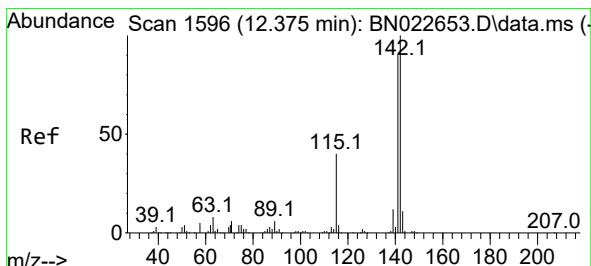
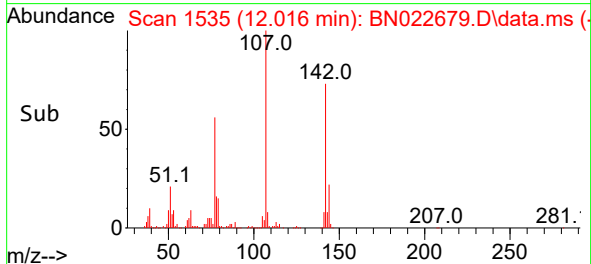
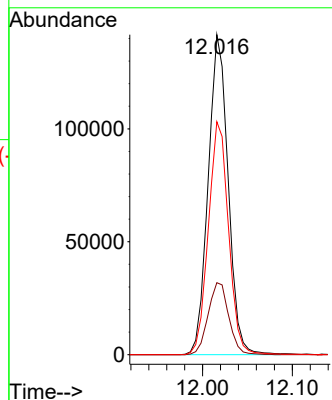
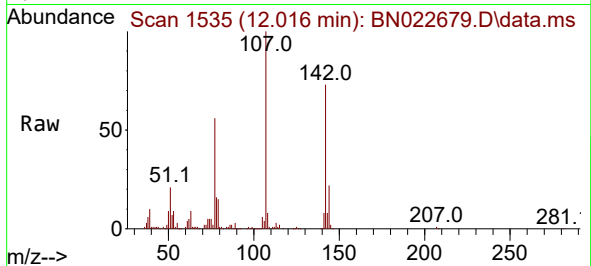




#35
4-Chloro-3-methylphenol
Concen: 38.634 ng/ul
RT: 12.016 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

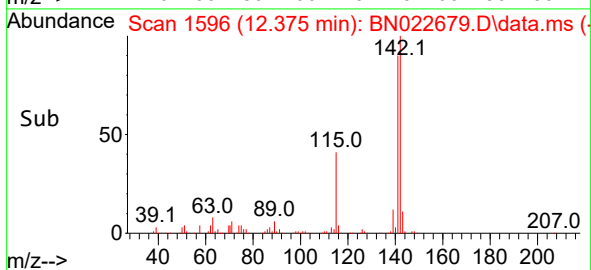
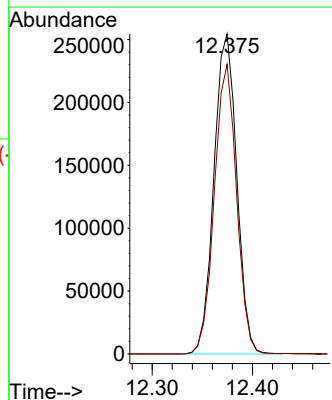
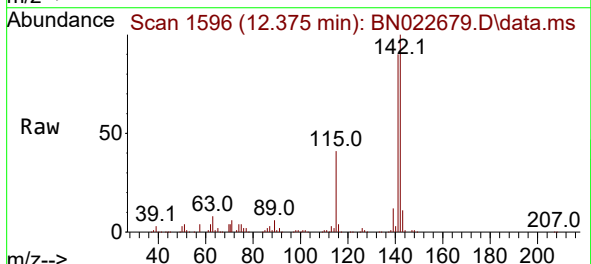
Instrument :
BNA_N
ClientSampleId :

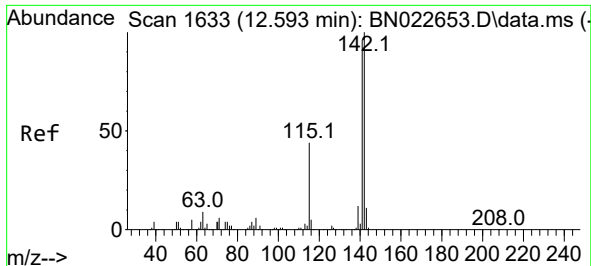
Tgt Ion:107 Resp: 218999
Ion Ratio Lower Upper
107 100
144 22.5 19.0 28.4
142 72.8 57.0 85.6



#36
2-Methylnaphthalene
Concen: 38.308 ng/ul
RT: 12.375 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:142 Resp: 402293
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8





#37

1-Methylnaphthalene

Concen: 38.390 ng/ul

RT: 12.592 min Scan# 1633

Delta R.T. -0.006 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

ClientSampleId :

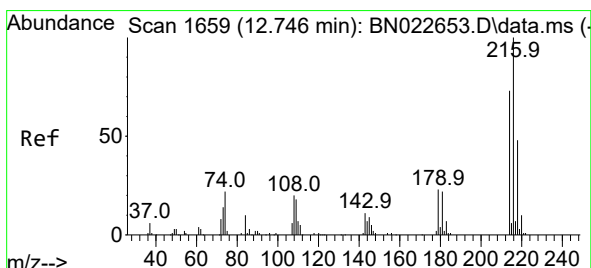
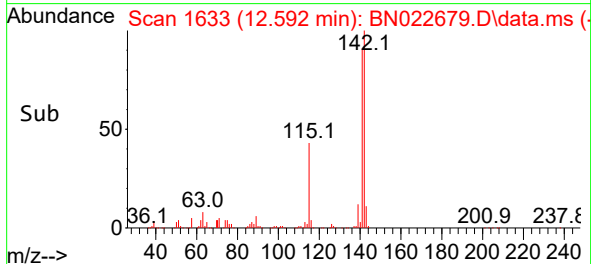
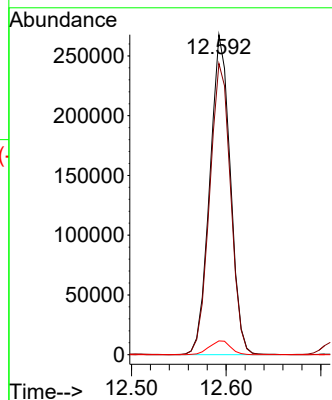
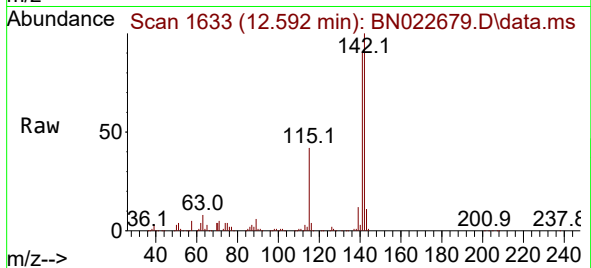
Tgt Ion:142 Resp: 404137

Ion Ratio Lower Upper

142 100

141 91.0 77.2 115.8

116 4.3 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.287 ng/ul

RT: 12.745 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Tgt Ion:216 Resp: 188086

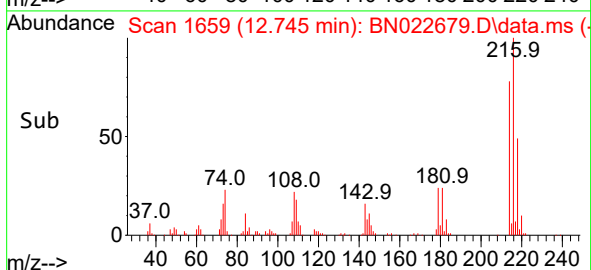
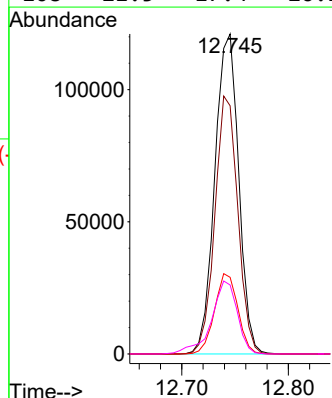
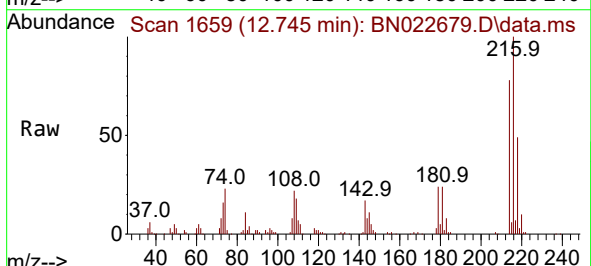
Ion Ratio Lower Upper

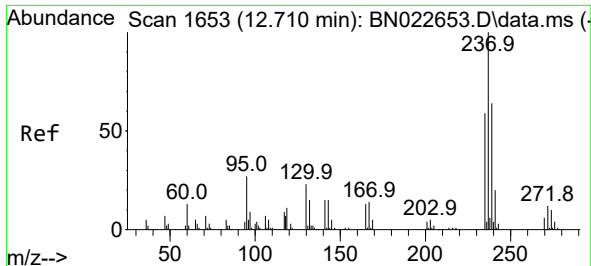
216 100

214 77.6 62.9 94.3

179 23.9 19.0 28.4

108 21.5 17.4 26.2

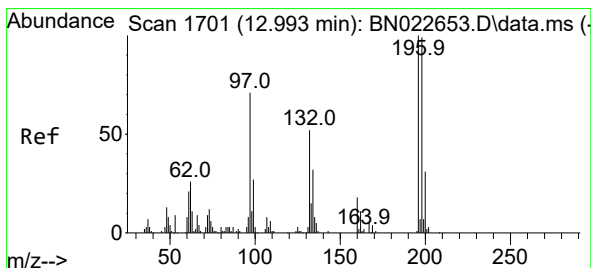
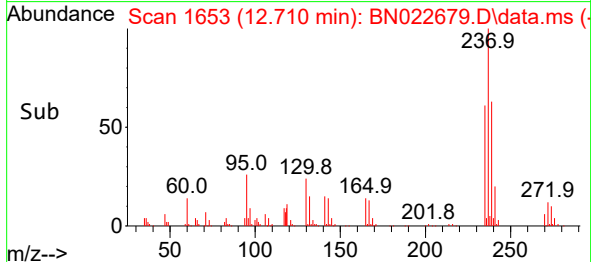
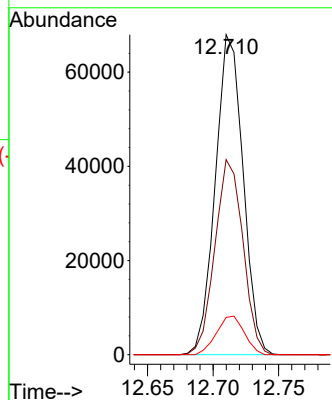
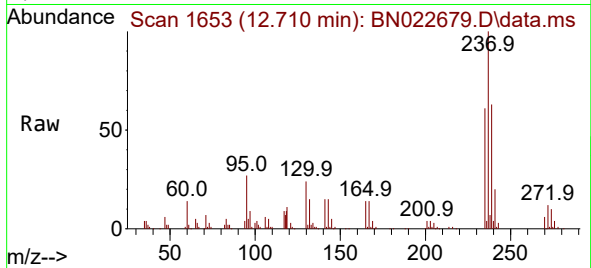




#40
Hexachlorocyclopentadiene
Concen: 34.932 ng/ul
RT: 12.710 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

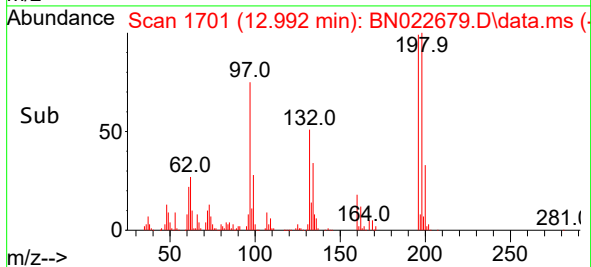
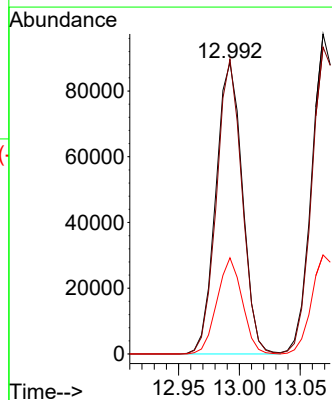
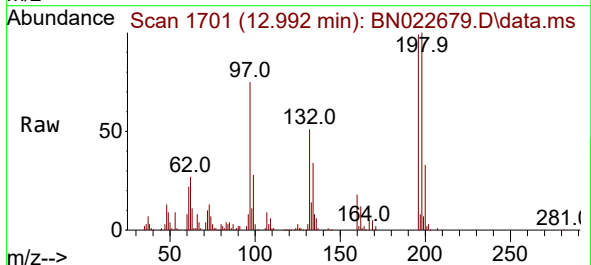
Instrument :
BNA_N
ClientSampleId :

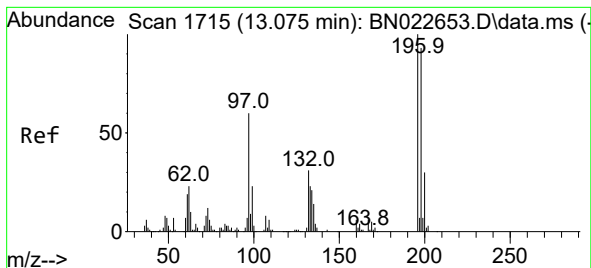
Tgt Ion:237 Resp: 100192
Ion Ratio Lower Upper
237 100
235 61.0 50.3 75.5
272 11.7 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 38.671 ng/ul
RT: 12.992 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

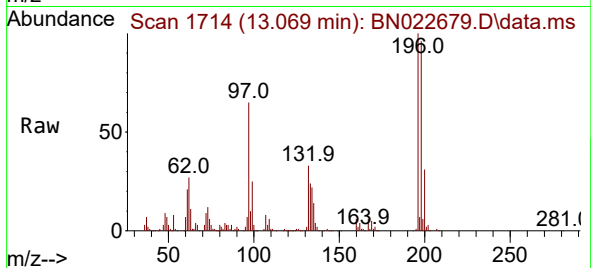
Tgt Ion:196 Resp: 134880
Ion Ratio Lower Upper
196 100
198 101.1 77.3 115.9
200 33.0 25.4 38.2



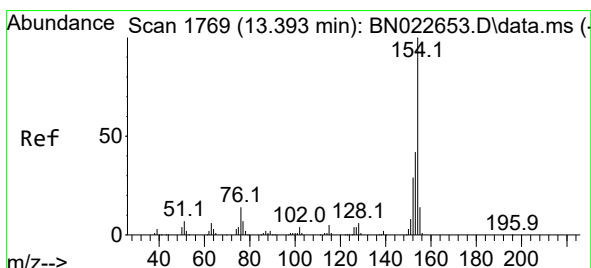
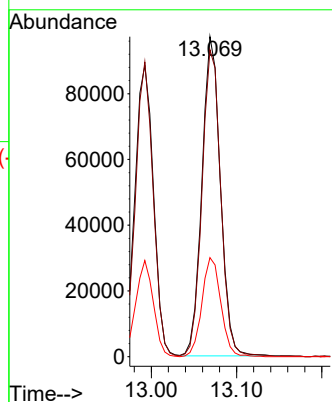
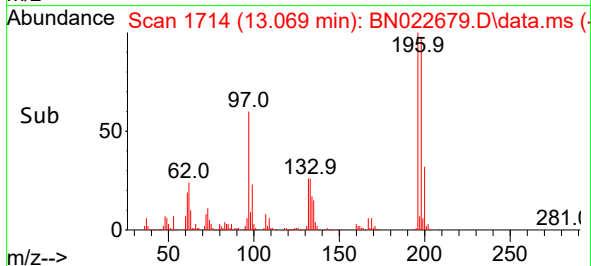


#42
2,4,5-Trichlorophenol
Concen: 39.583 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

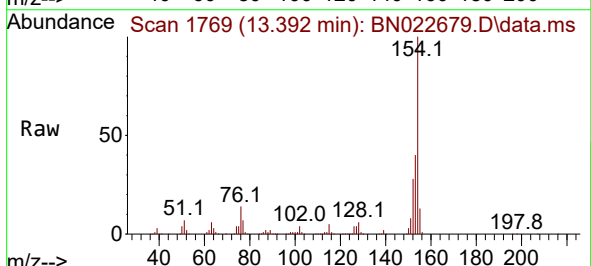
Instrument :
BNA_N
ClientSampleId :



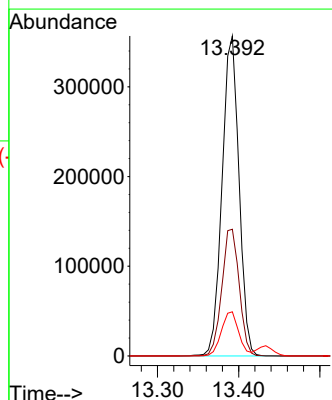
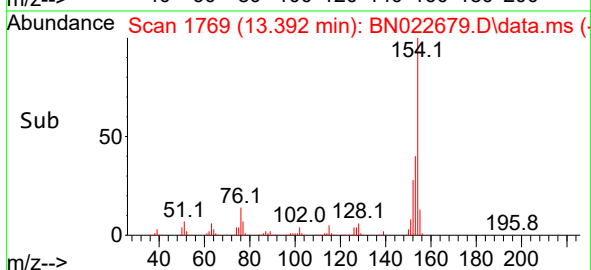
Tgt Ion:196 Resp: 146202
Ion Ratio Lower Upper
196 100
198 95.9 78.8 118.2
200 31.0 26.0 39.0

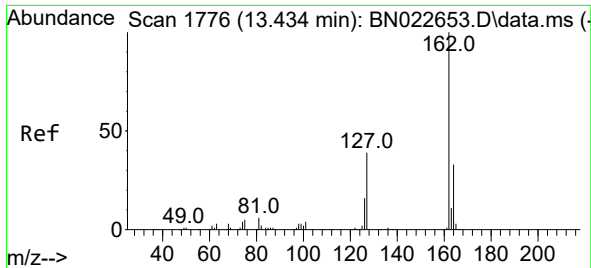


#43
1,1'-Biphenyl
Concen: 38.488 ng/ul
RT: 13.392 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12



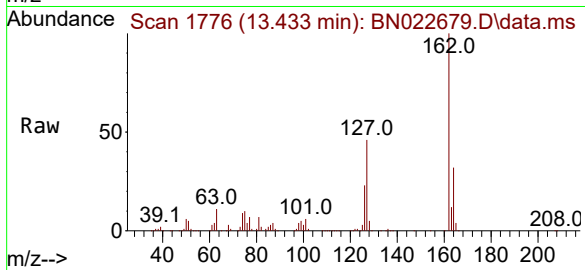
Tgt Ion:154 Resp: 517059
Ion Ratio Lower Upper
154 100
153 39.6 32.2 48.2
76 13.8 11.2 16.8



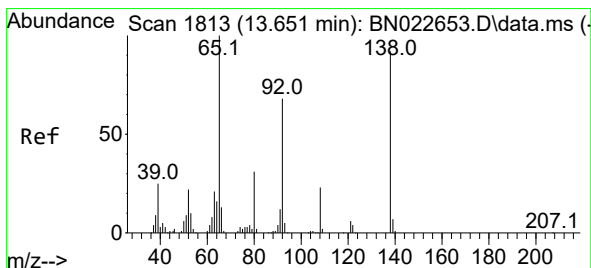
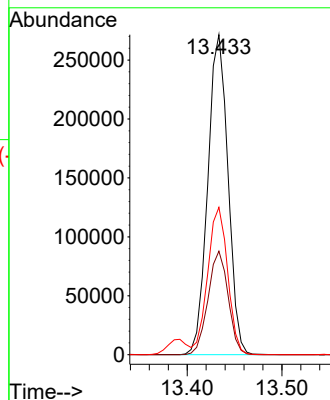
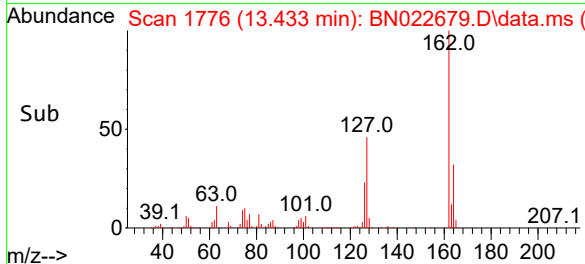


#44
2-Chloronaphthalene
Concen: 38.550 ng/ul
RT: 13.433 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Instrument :
BNA_N
ClientSampleId :

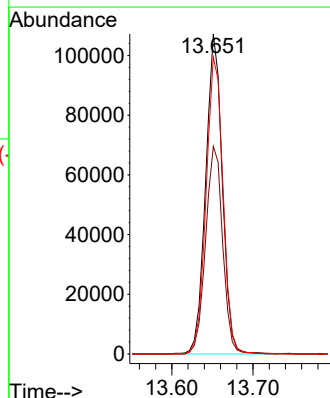
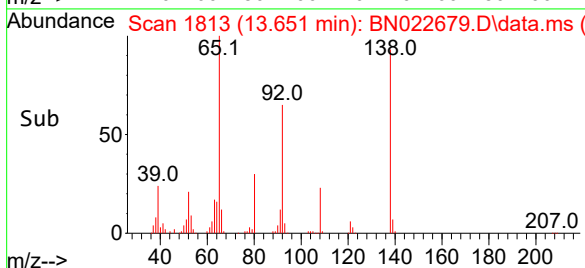
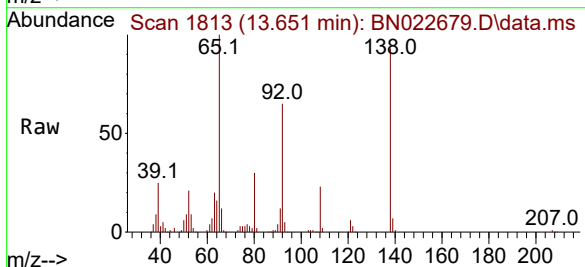


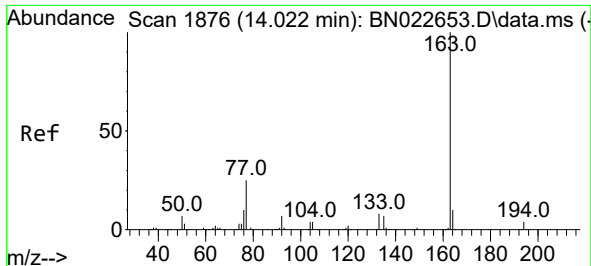
Tgt Ion:162 Resp: 403543
Ion Ratio Lower Upper
162 100
164 32.4 26.0 39.0
127 46.1 37.8 56.6



#45
2-Nitroaniline
Concen: 40.004 ng/ul
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

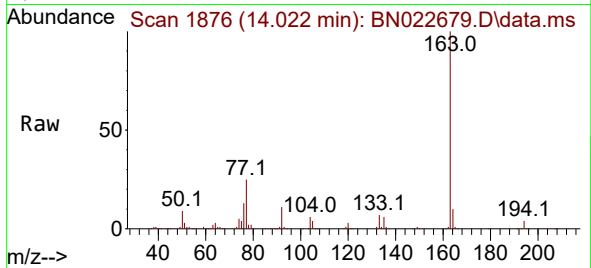
Tgt Ion: 65 Resp: 152082
Ion Ratio Lower Upper
65 100
92 64.8 55.2 82.8
138 92.8 74.1 111.1



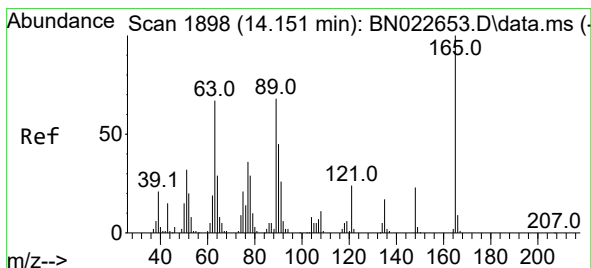
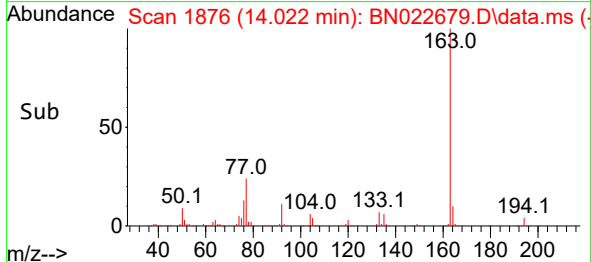
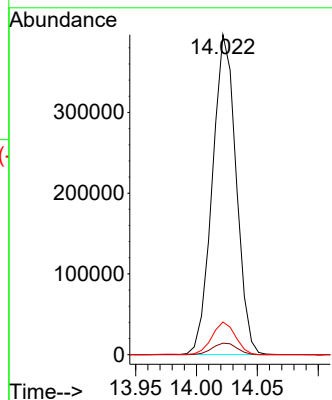


#47
Dimethylphthalate
Concen: 38.485 ng/ul
RT: 14.022 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Instrument :
BNA_N
ClientSampleId :

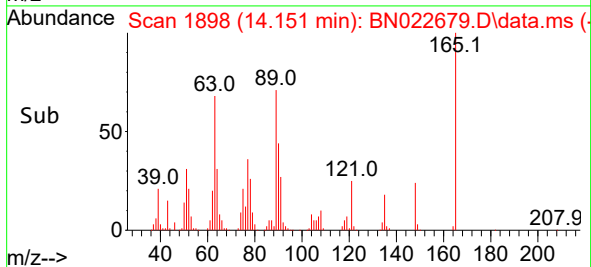
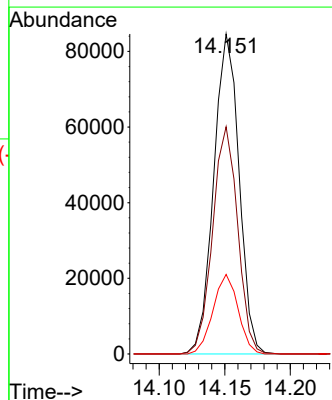
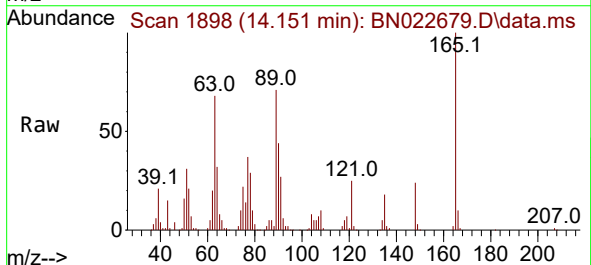


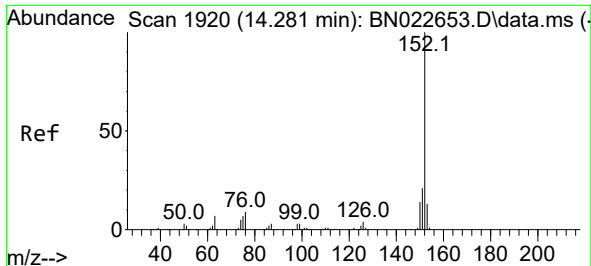
Tgt Ion:163 Resp: 538482
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.2 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 40.104 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

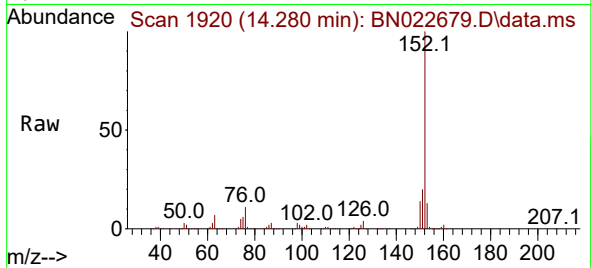
Tgt Ion:165 Resp: 113587
Ion Ratio Lower Upper
165 100
89 71.0 55.2 82.8
121 24.9 19.6 29.4



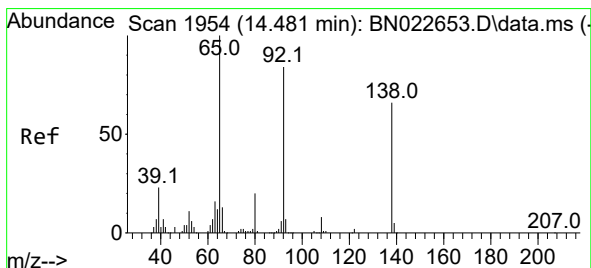
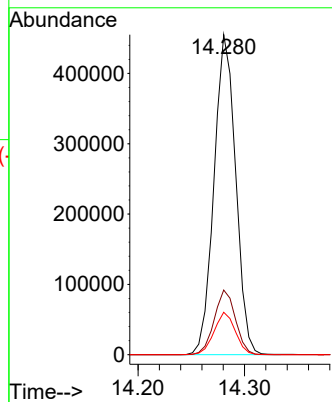
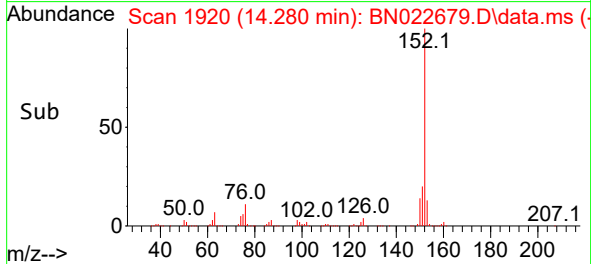


#50
Acenaphthylene
Concen: 39.227 ng/ul
RT: 14.280 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Instrument :
BNA_N
ClientSampleId :

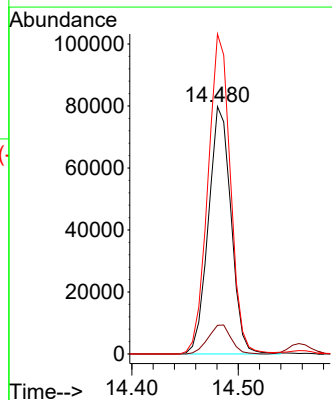
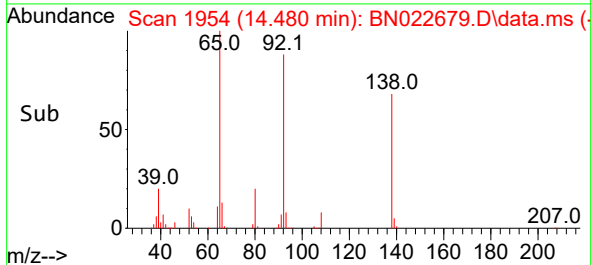
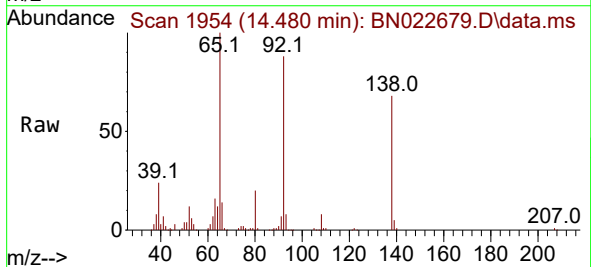


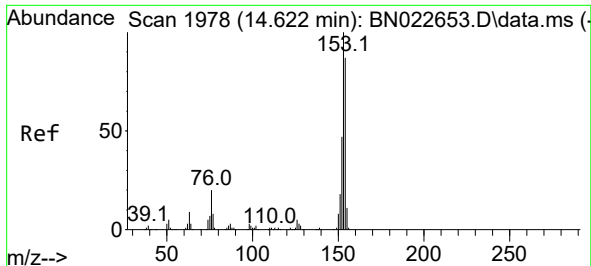
Tgt Ion:152 Resp: 642764
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.2 10.9 16.3



#51
3-Nitroaniline
Concen: 38.556 ng/ul
RT: 14.480 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

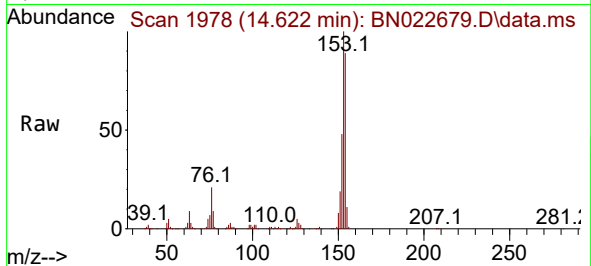
Tgt Ion:138 Resp: 117583
Ion Ratio Lower Upper
138 100
108 11.6 9.7 14.5
92 129.4 103.7 155.5



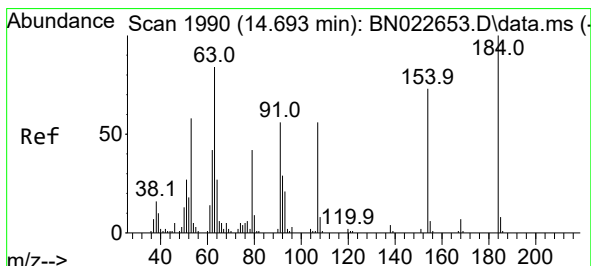
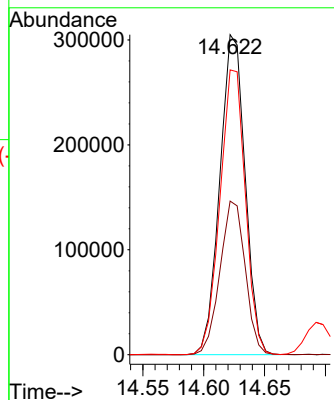
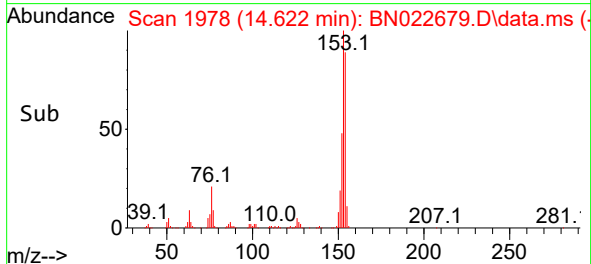


#52
Acenaphthene
Concen: 37.972 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

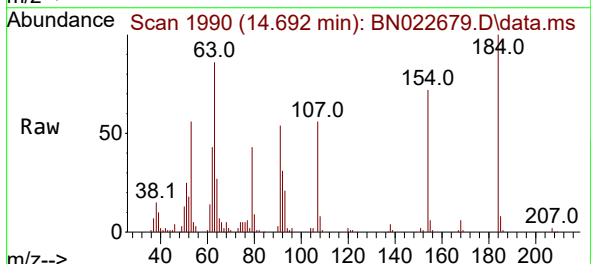
Instrument :
BNA_N
ClientSampleId :



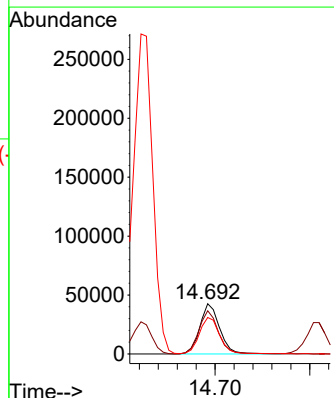
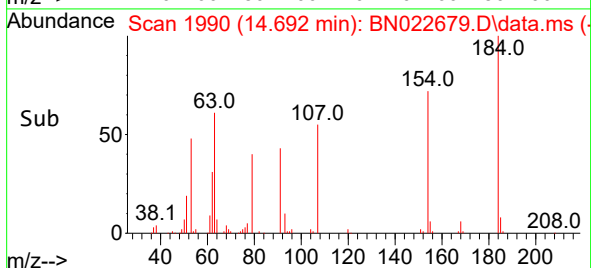
Tgt Ion:153 Resp: 441460
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 89.0 71.9 107.9

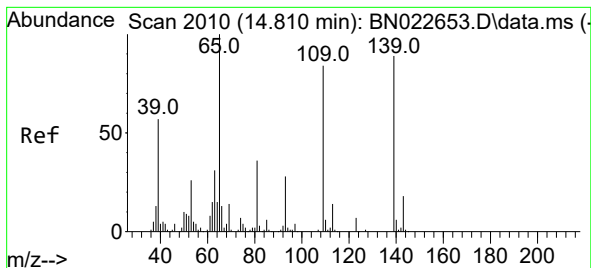


#53
2,4-Dinitrophenol
Concen: 31.043 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12



Tgt Ion:184 Resp: 61447
Ion Ratio Lower Upper
184 100
63 86.1 66.4 99.6
154 72.5 59.4 89.0

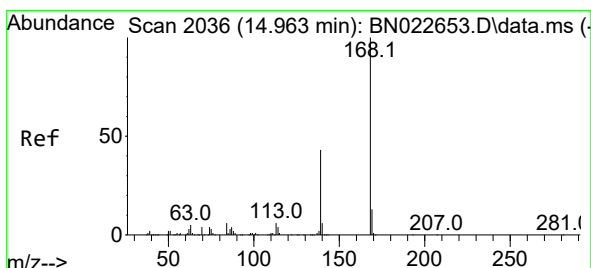
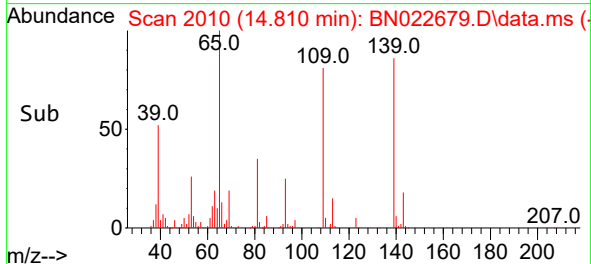
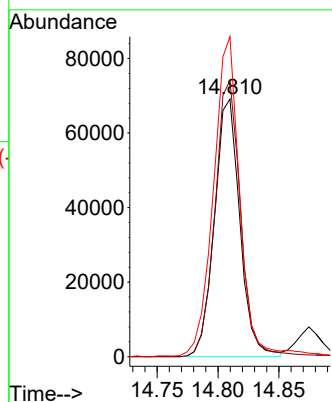
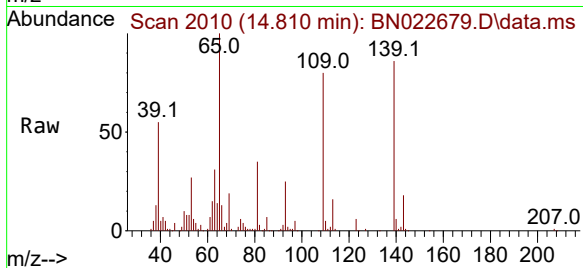




#55
4-Nitrophenol
Concen: 38.137 ng/ul
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

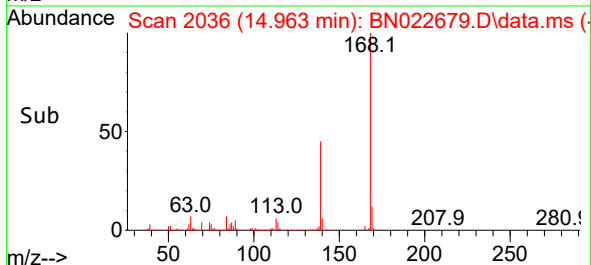
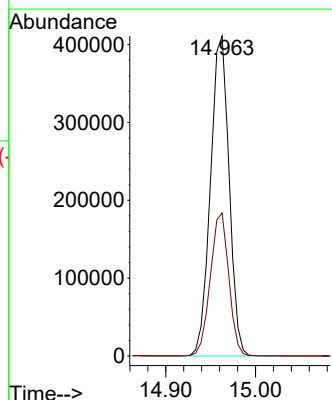
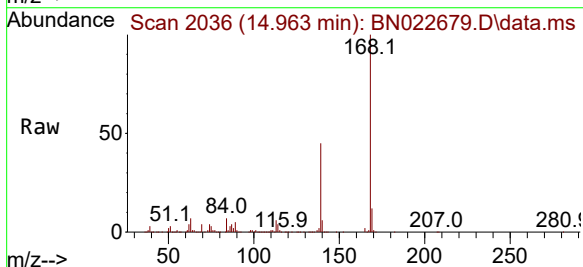
Instrument :
BNA_N
ClientSampleId :

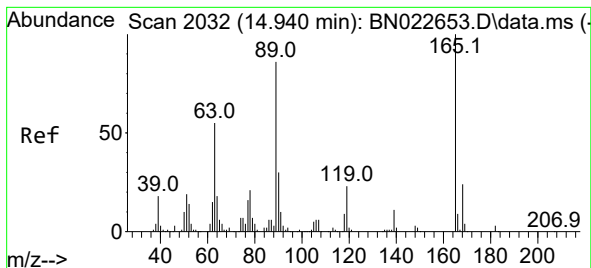
Tgt Ion:109 Resp: 100322
Ion Ratio Lower Upper
109 100
139 107.2 86.0 129.0
65 124.3 102.6 154.0



#56
Dibenzofuran
Concen: 38.559 ng/ul
RT: 14.963 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:168 Resp: 592310
Ion Ratio Lower Upper
168 100
139 44.7 34.6 52.0

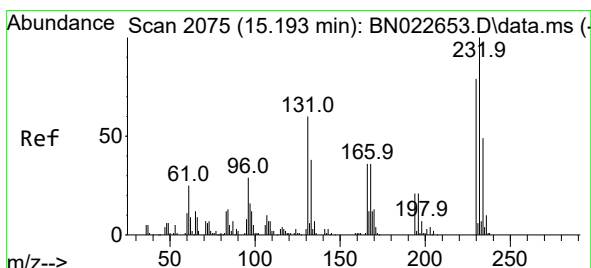
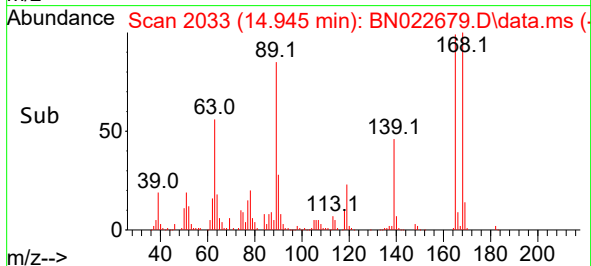
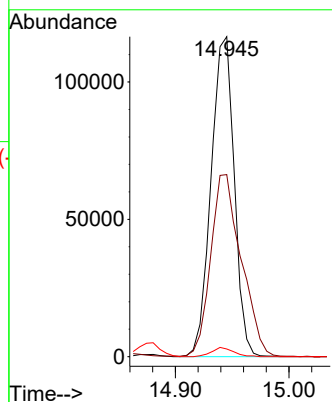
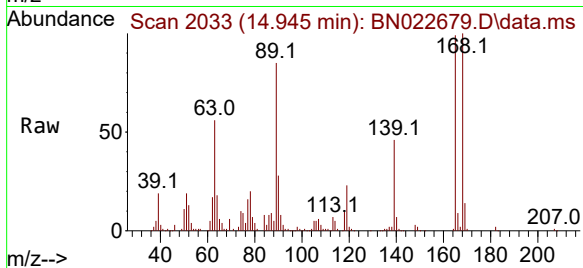




#57
2,4-Dinitrotoluene
Concen: 40.070 ng/ul
RT: 14.945 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

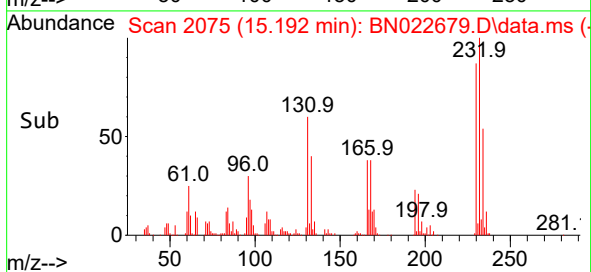
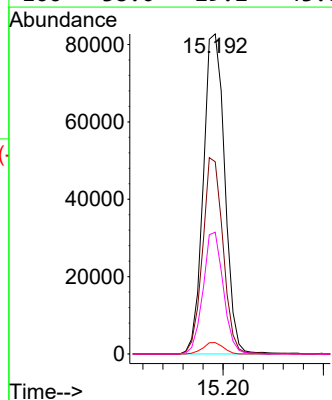
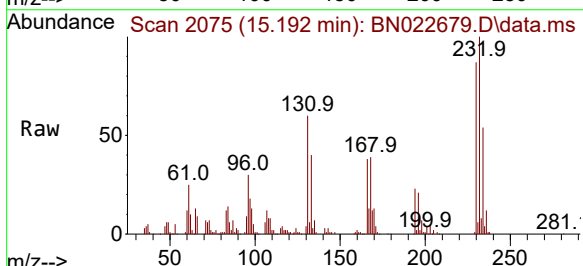
Instrument :
BNA_N
ClientSampleId :

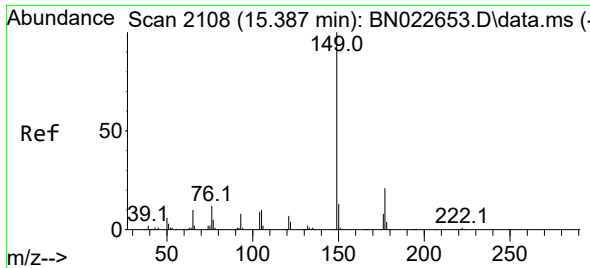
Tgt Ion:165 Resp: 165273
Ion Ratio Lower Upper
165 100
63 56.9 43.4 65.0
182 2.4 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 38.813 ng/ul
RT: 15.192 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:232 Resp: 122782
Ion Ratio Lower Upper
232 100
131 60.1 47.4 71.0
130 3.6 2.6 3.8
166 38.0 29.2 43.8

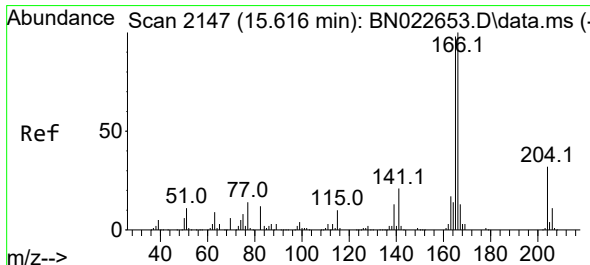
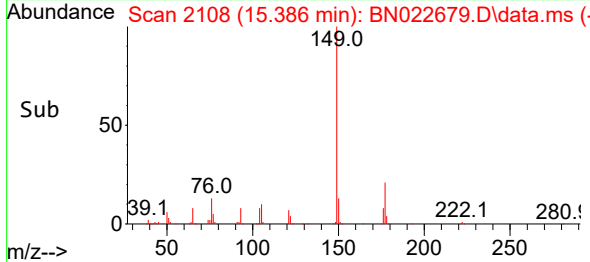
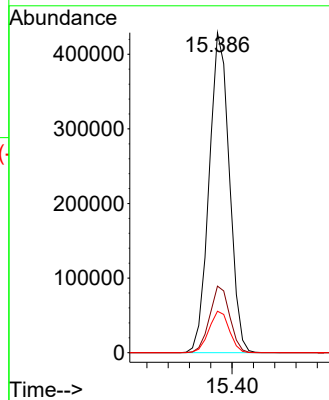
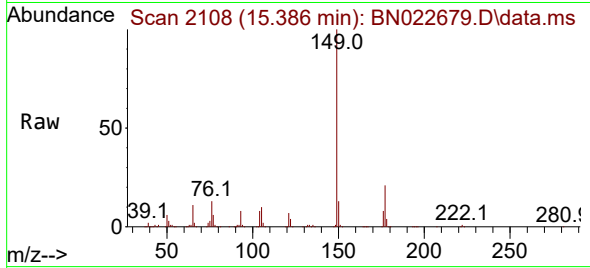




#59
Diethylphthalate
Concen: 38.112 ng/ul
RT: 15.386 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

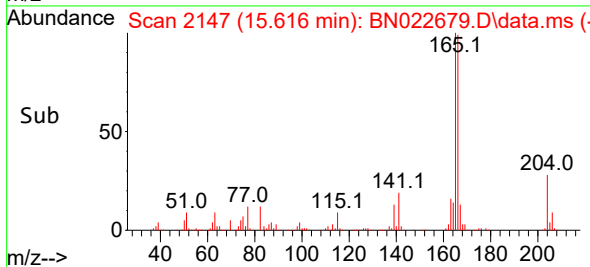
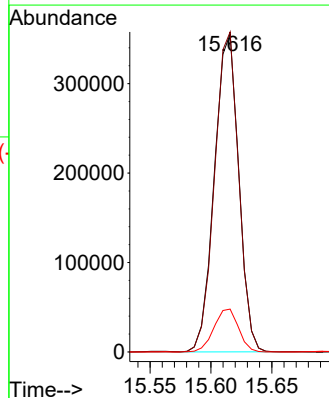
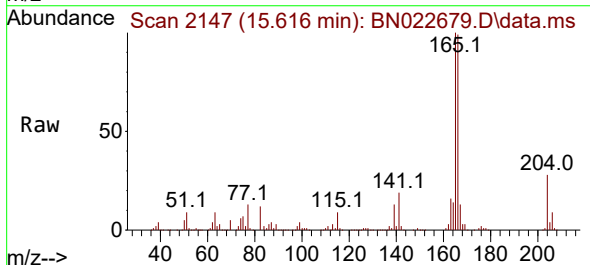
Instrument :
BNA_N
ClientSampleId :

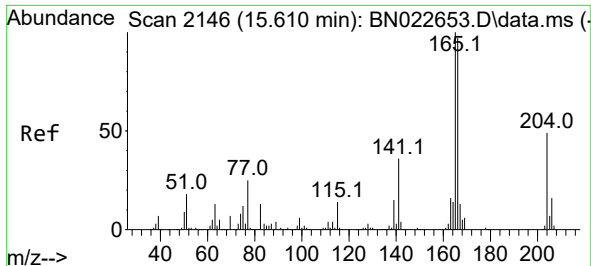
Tgt Ion:149 Resp: 565214
Ion Ratio Lower Upper
149 100
177 20.8 16.2 24.4
150 13.0 9.7 14.5



#61
Fluorene
Concen: 38.479 ng/ul
RT: 15.616 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:166 Resp: 493607
Ion Ratio Lower Upper
166 100
165 100.6 74.0 111.0
167 13.5 10.2 15.2

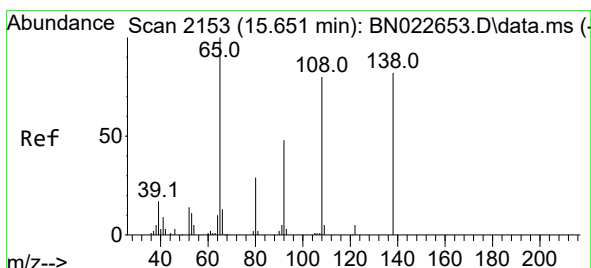
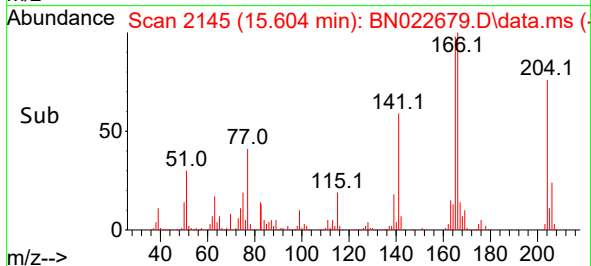
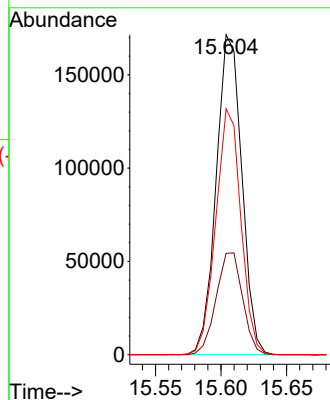
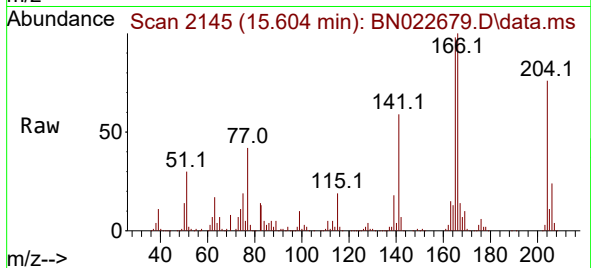




#62
4-Chlorophenyl-phenylether
Concen: 38.543 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

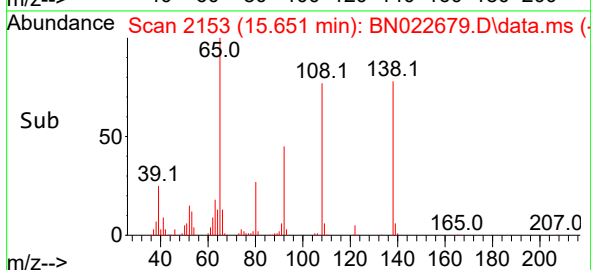
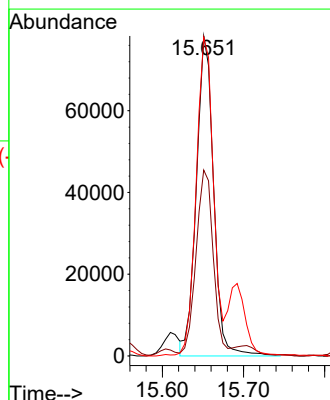
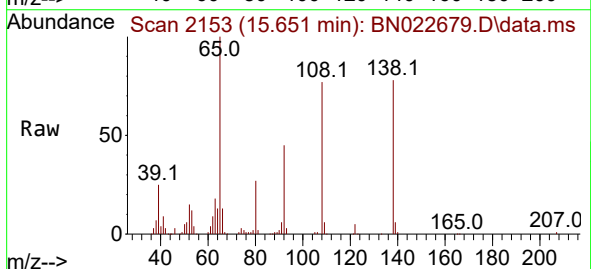
Instrument :
BNA_N
ClientSampleId :

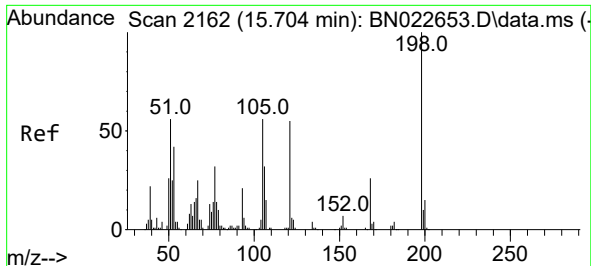
Tgt Ion:204 Resp: 233063
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 76.9 57.2 85.8



#63
4-Nitroaniline
Concen: 42.599 ng/ul
RT: 15.651 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:138 Resp: 115857
Ion Ratio Lower Upper
138 100
92 58.1 45.5 68.3
108 99.6 79.1 118.7

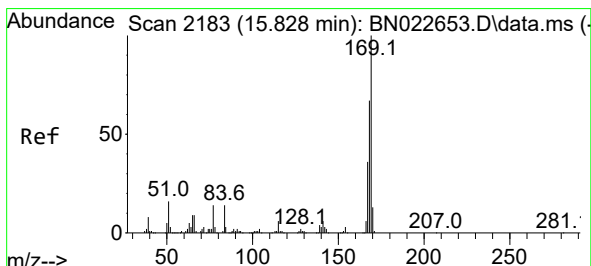
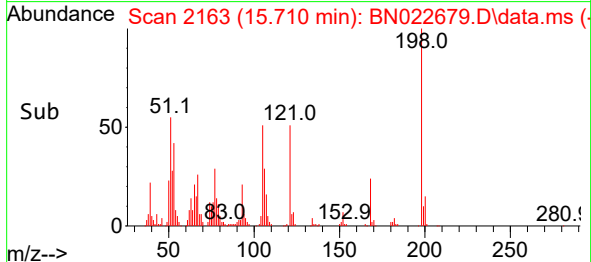
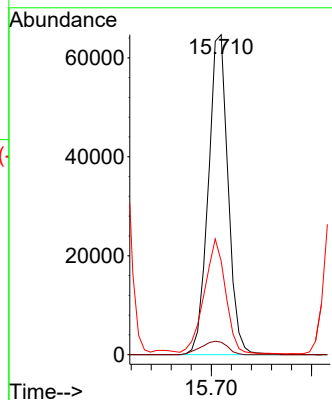
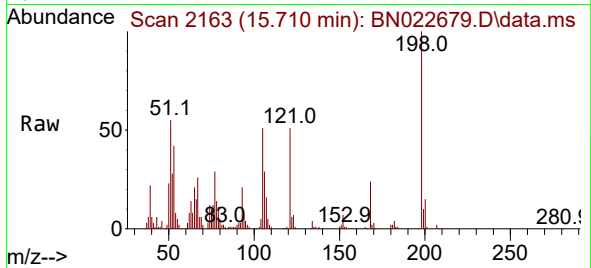




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.807 ng/ul
 RT: 15.710 min Scan# 2163
 Delta R.T. 0.006 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12

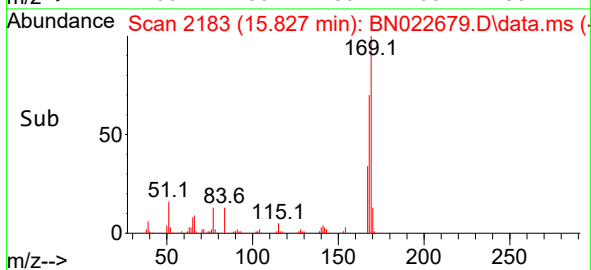
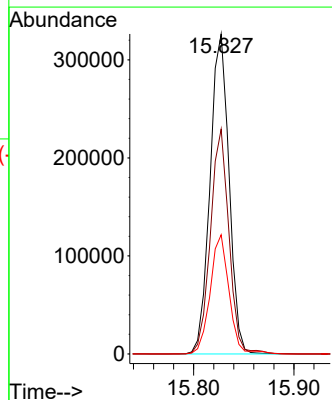
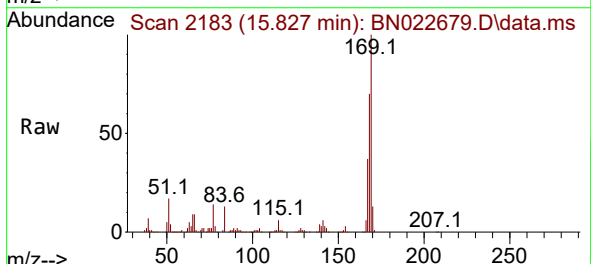
Instrument :
 BNA_N
 ClientSampleId :

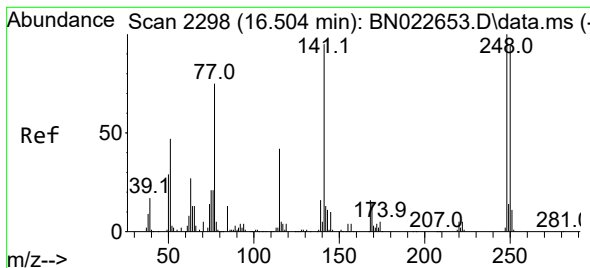
Tgt Ion:198 Resp: 88712
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.1 4.7
 77 29.2 27.3 40.9



#67
 N-Nitrosodiphenylamine
 Concen: 39.135 ng/ul
 RT: 15.827 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12

Tgt Ion:169 Resp: 429845
 Ion Ratio Lower Upper
 169 100
 168 70.3 52.6 79.0
 167 37.2 30.0 45.0

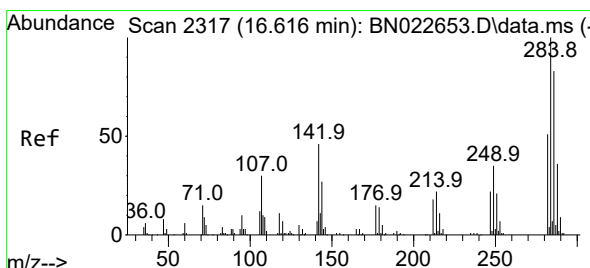
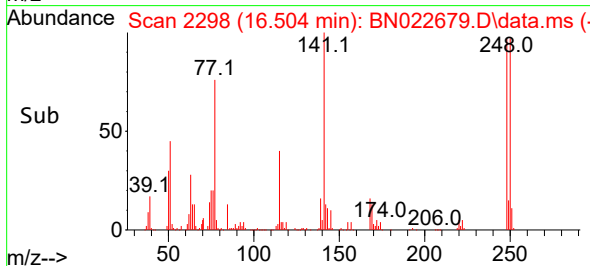
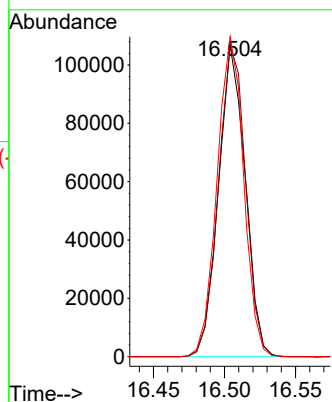
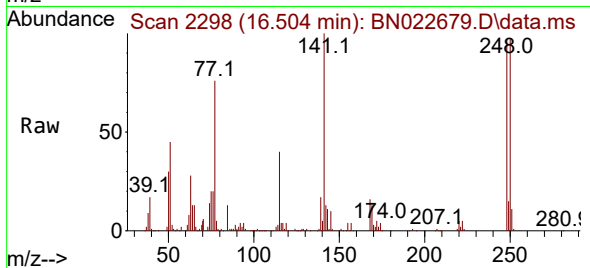




#68
4-Bromophenyl-phenylether
Concen: 38.547 ng/ul
RT: 16.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

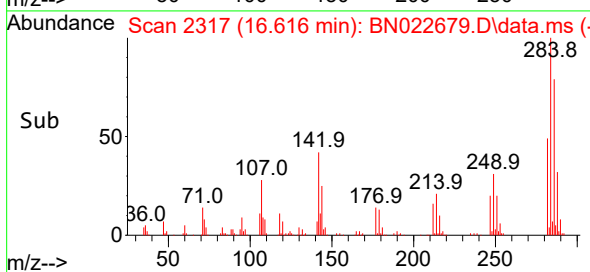
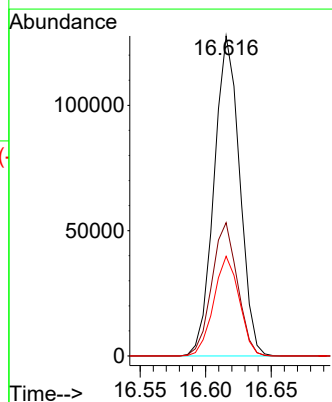
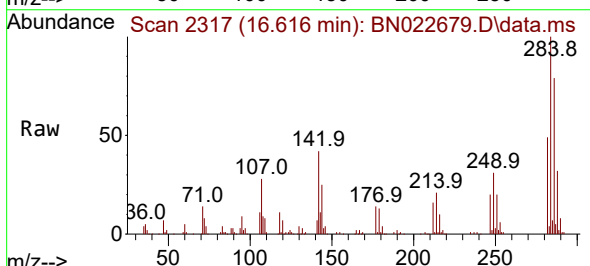
Instrument :
BNA_N
ClientSampleId :

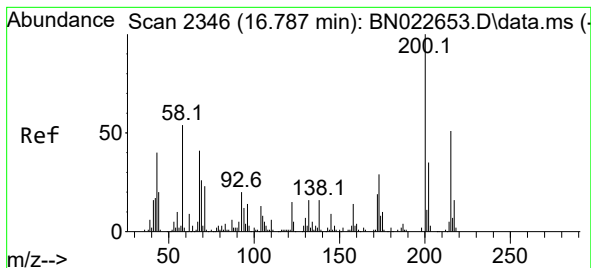
Tgt Ion:248 Resp: 139252
Ion Ratio Lower Upper
248 100
250 99.9 77.0 115.4
141 102.7 77.0 115.4



#69
Hexachlorobenzene
Concen: 40.974 ng/ul
RT: 16.616 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:284 Resp: 173031
Ion Ratio Lower Upper
284 100
142 41.6 37.9 56.9
249 31.1 28.6 43.0





#70

Atrazine

Concen: 39.393 ng/ul

RT: 16.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

ClientSampleId :

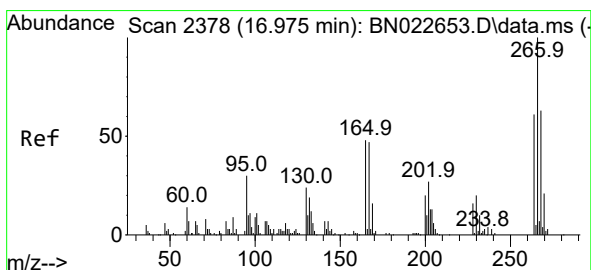
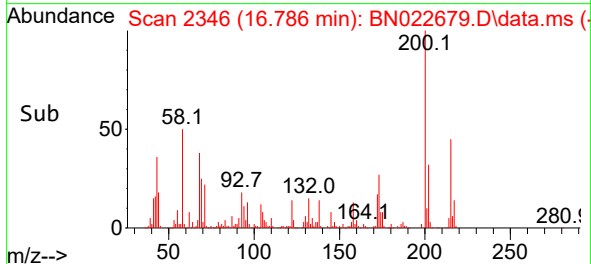
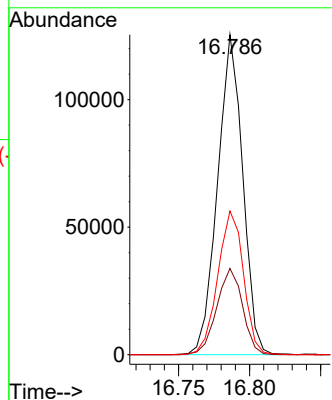
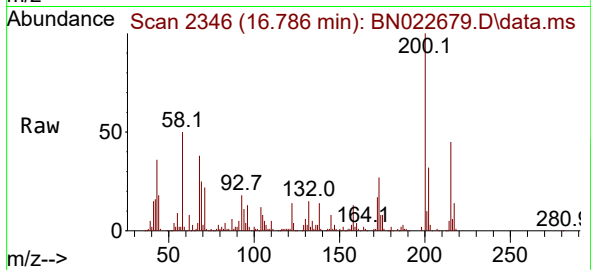
Tgt Ion:200 Resp: 154231

Ion Ratio Lower Upper

200 100

173 27.0 23.2 34.8

215 44.9 38.1 57.1



#71

Pentachlorophenol

Concen: 35.867 ng/ul

RT: 16.969 min Scan# 2377

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

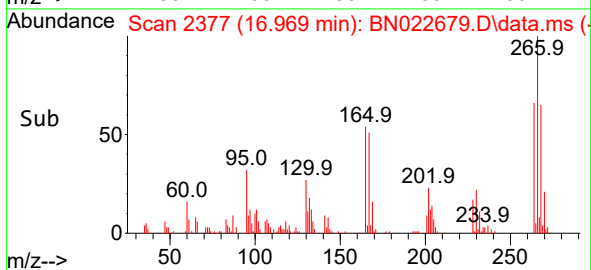
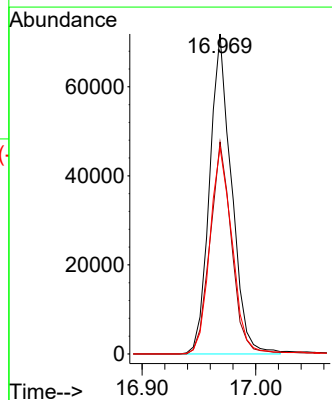
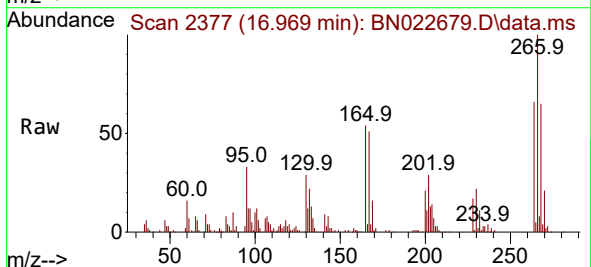
Tgt Ion:266 Resp: 96235

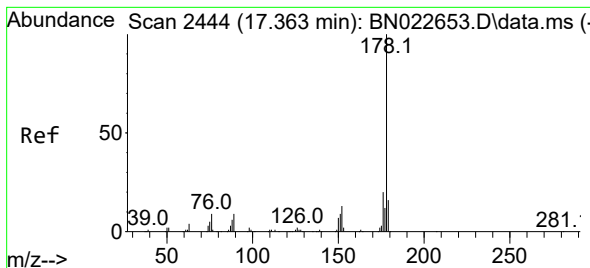
Ion Ratio Lower Upper

266 100

264 66.2 47.8 71.8

268 64.5 50.2 75.2





#72

Phenanthrene

Concen: 39.731 ng/u1

RT: 17.363 min Scan# 2444

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

ClientSampleId :

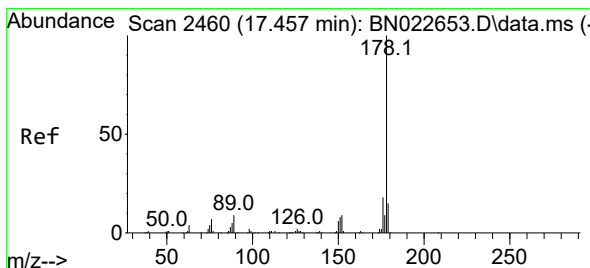
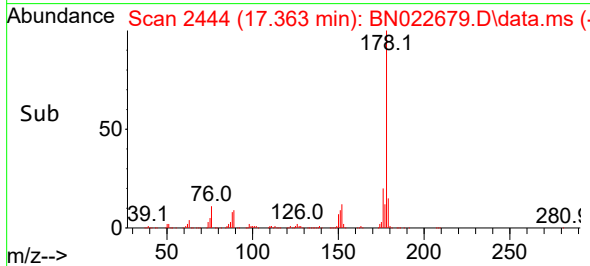
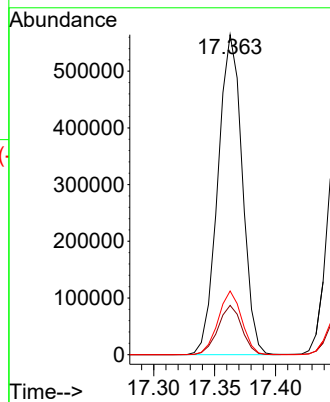
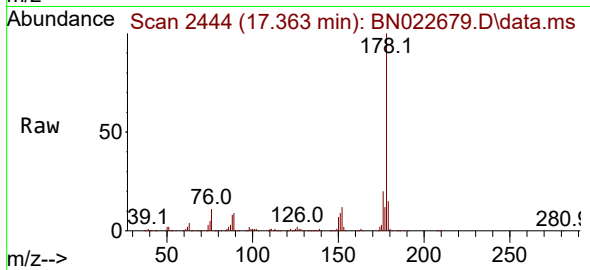
Tgt Ion:178 Resp: 785614

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.9 16.1 24.1



#74

Anthracene

Concen: 39.431 ng/u1

RT: 17.457 min Scan# 2460

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

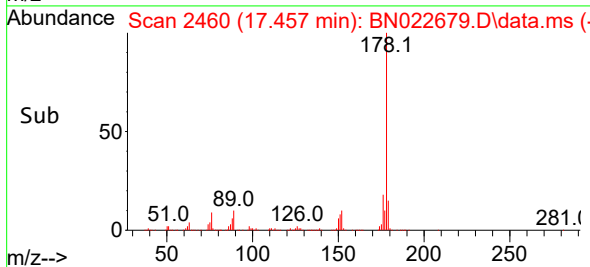
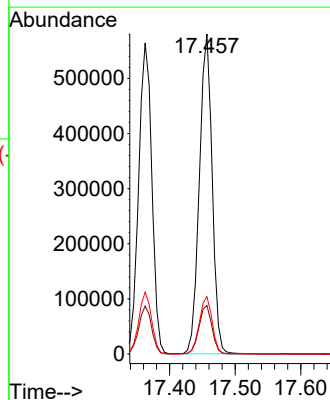
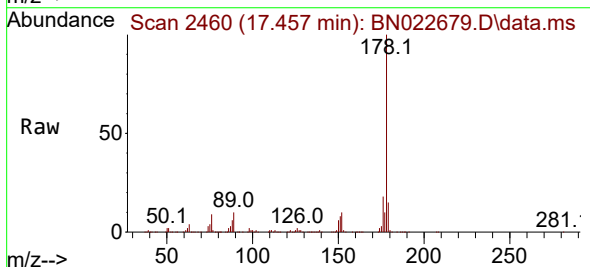
Tgt Ion:178 Resp: 789735

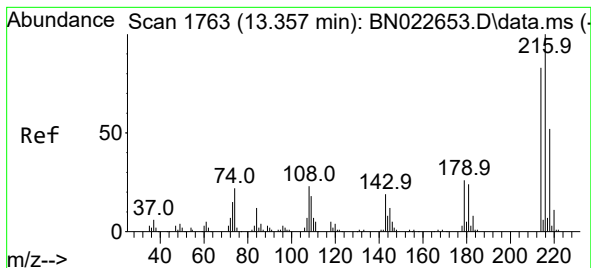
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 17.9 15.1 22.7

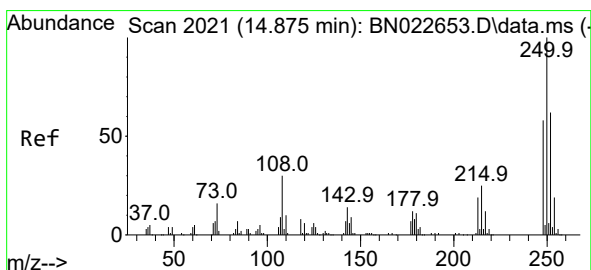
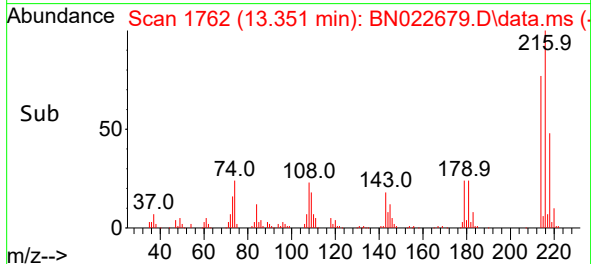
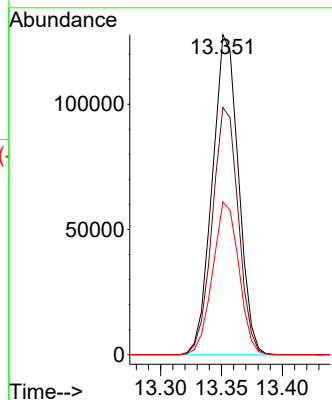
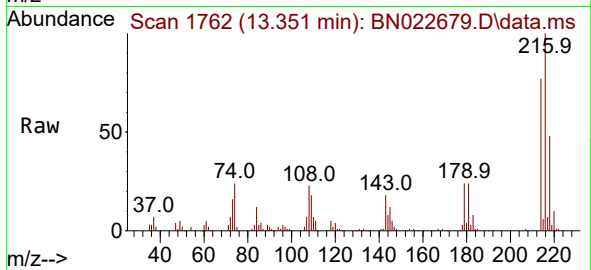




#75
1,2,3,4-Tetrachlorobenzene
Concen: 39.535 ng/uL
RT: 13.351 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

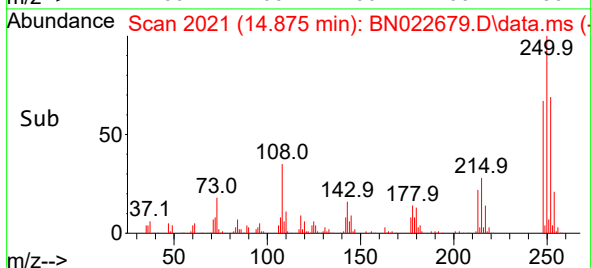
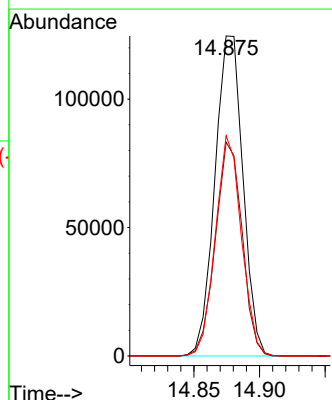
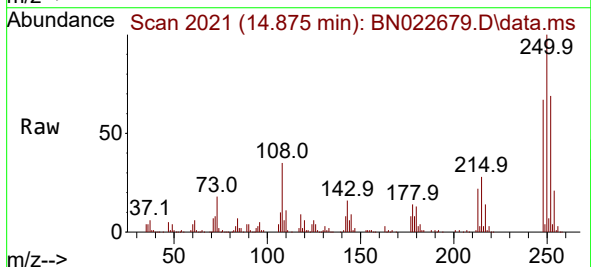
Instrument :
BNA_N
ClientSampleId :

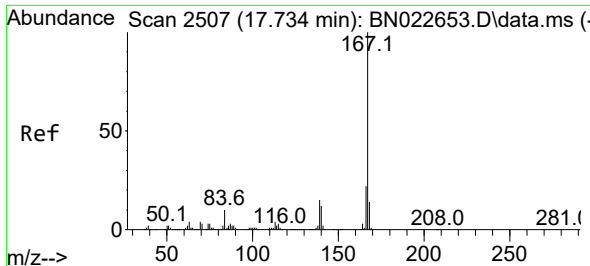
Tgt Ion:216 Resp: 191263
Ion Ratio Lower Upper
216 100
214 77.2 60.3 90.5
218 47.7 39.2 58.8



#76
Pentachlorobenzene
Concen: 35.511 ng/uL
RT: 14.875 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:250 Resp: 185411
Ion Ratio Lower Upper
250 100
248 66.8 50.7 76.1
252 68.9 51.0 76.4

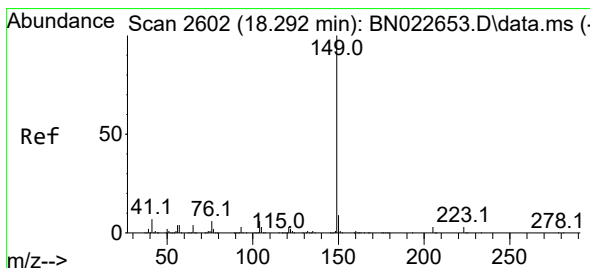
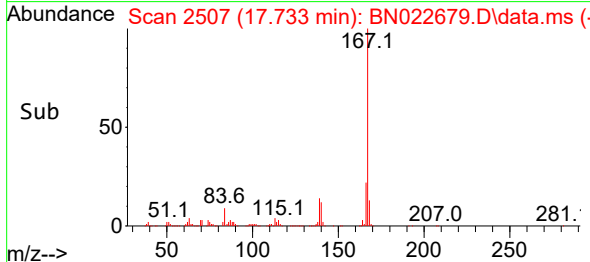
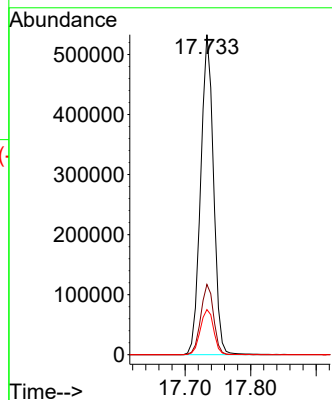
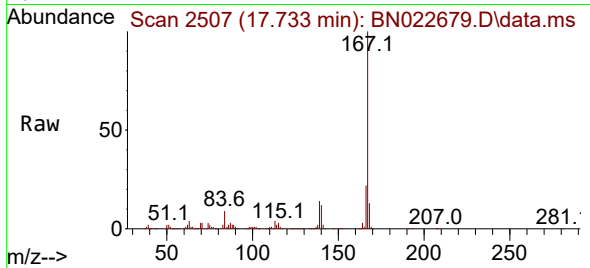




#77
 Carbazole
 Concen: 39.126 ng/ul
 RT: 17.733 min Scan# 2507
 Delta R.T. -0.000 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12

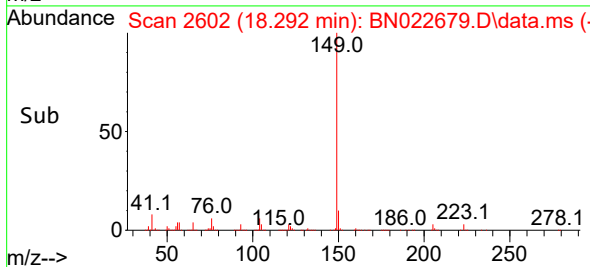
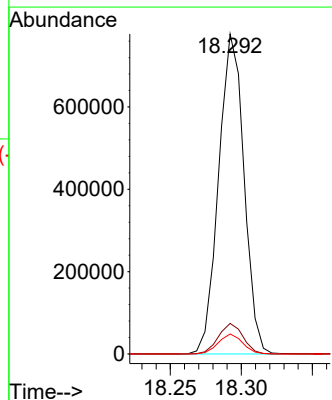
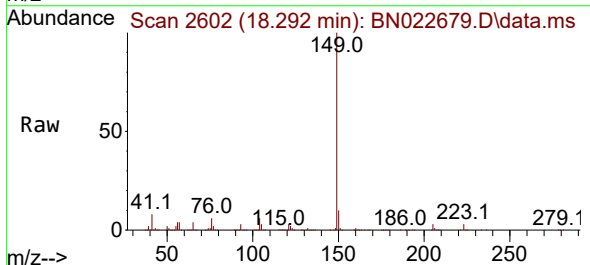
Instrument :
 BNA_N
 ClientSampleId :

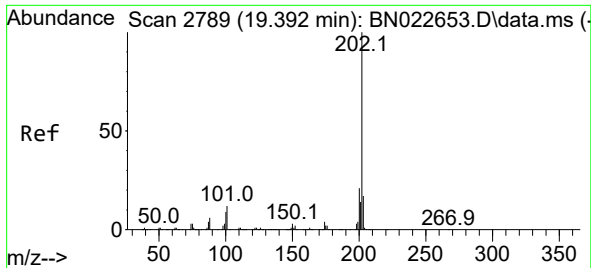
Tgt Ion:167 Resp: 728109
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 14.1 11.9 17.9



#78
 Di-n-butylphthalate
 Concen: 36.434 ng/ul
 RT: 18.292 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12

Tgt Ion:149 Resp: 964948
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 6.3 4.6 7.0

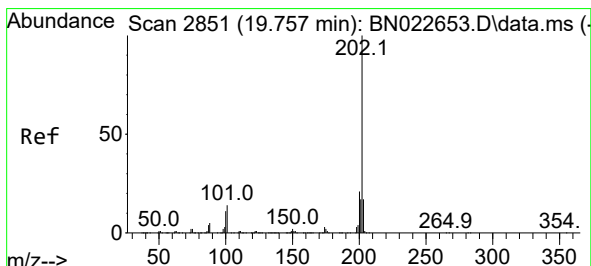
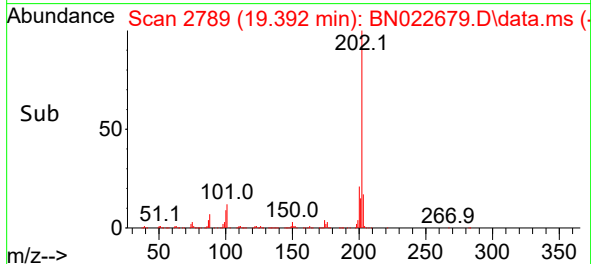
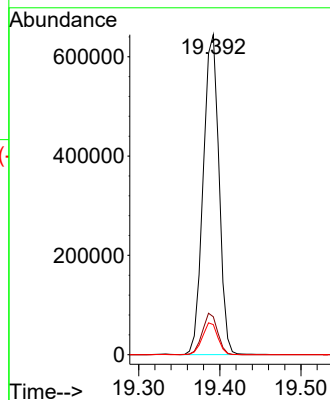
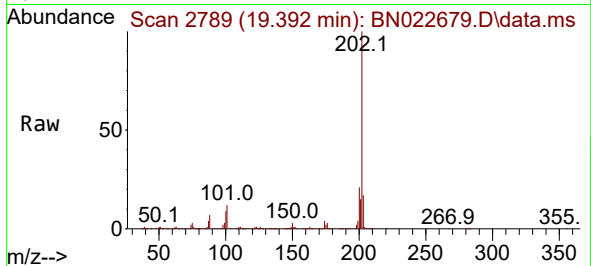




#80
Fluoranthene
Concen: 40.884 ng/ul
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

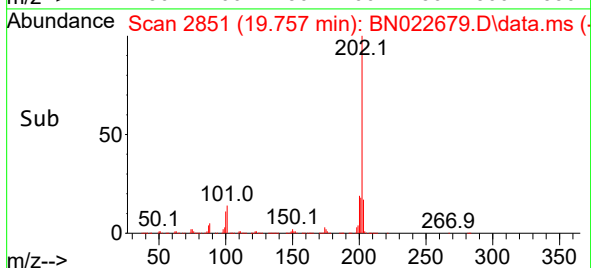
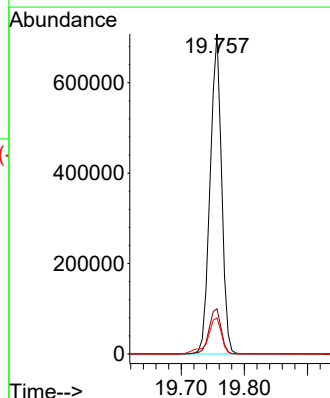
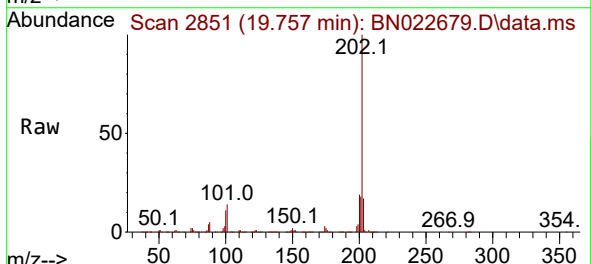
Instrument :
BNA_N
ClientSampleId :

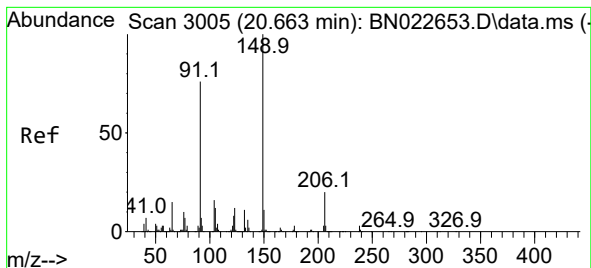
Tgt Ion:202 Resp: 867931
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 9.4 7.3 10.9



#82
Pyrene
Concen: 40.877 ng/ul
RT: 19.757 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:202 Resp: 888916
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.2 9.5 14.3





#83

Butylbenzylphthalate

Concen: 40.844 ng/ul

RT: 20.657 min Scan# 3005

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

ClientSampleId :

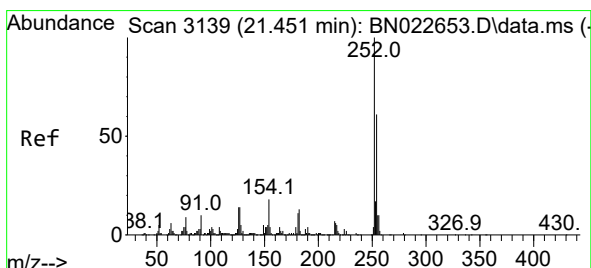
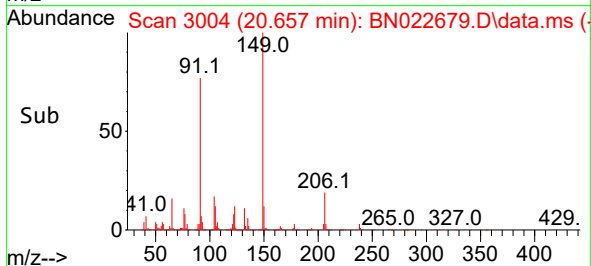
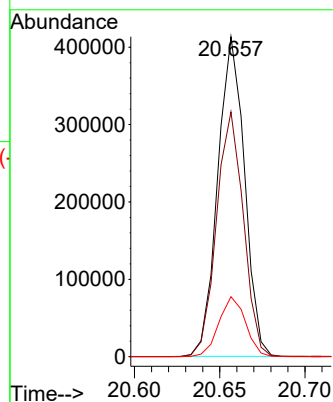
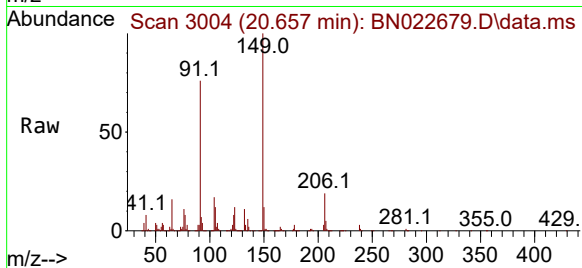
Tgt Ion:149 Resp: 452121

Ion Ratio Lower Upper

149 100

91 76.5 63.4 95.2

206 18.8 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 40.089 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

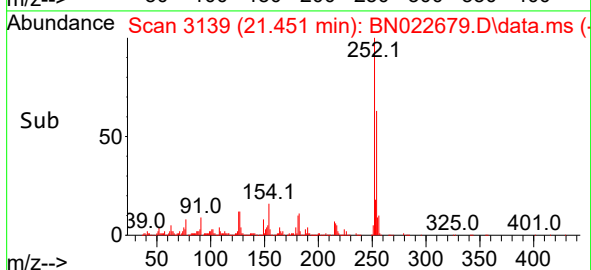
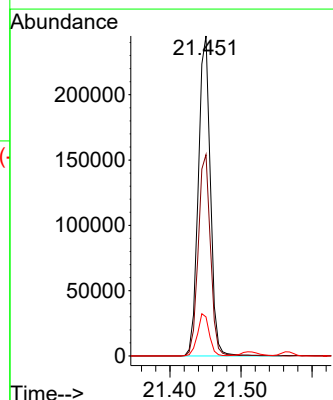
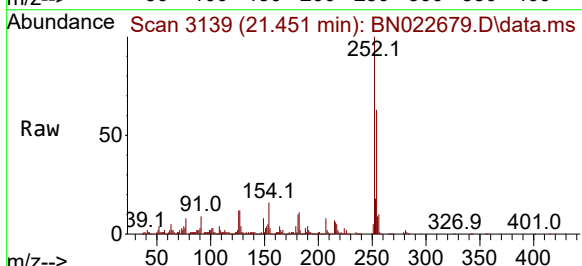
Tgt Ion:252 Resp: 290318

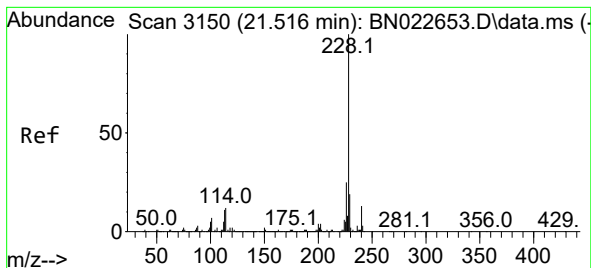
Ion Ratio Lower Upper

252 100

254 62.9 49.0 73.6

126 12.2 11.4 17.0





#85

Benzo(a)anthracene

Concen: 38.081 ng/ul

RT: 21.515 min Scan# 3150

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

ClientSampleId :

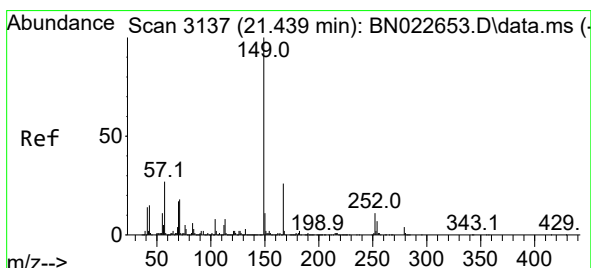
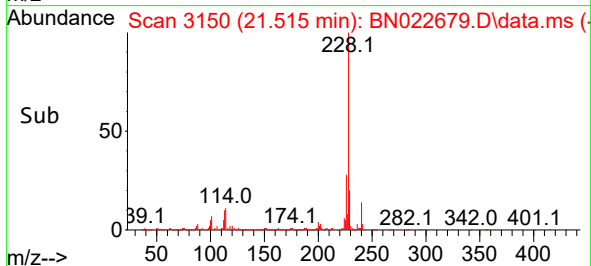
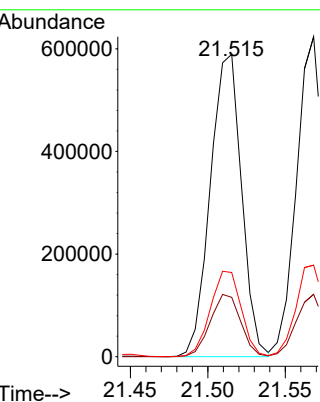
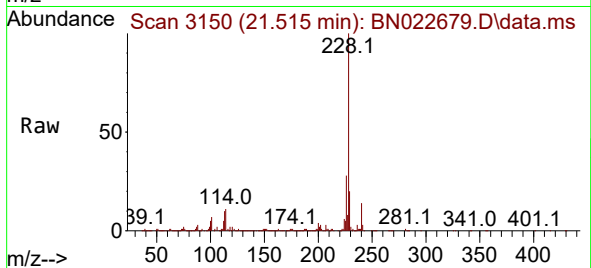
Tgt Ion:228 Resp: 825370

Ion Ratio Lower Upper

228 100

229 19.7 16.0 24.0

226 27.8 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.926 ng/ul

RT: 21.433 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

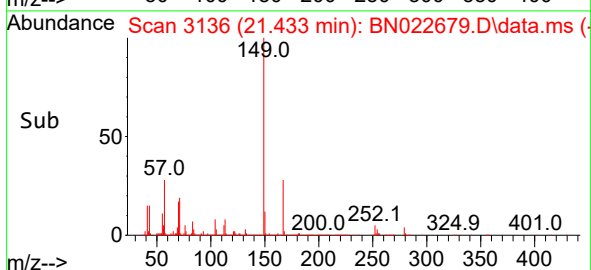
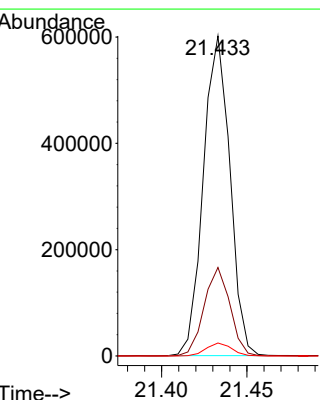
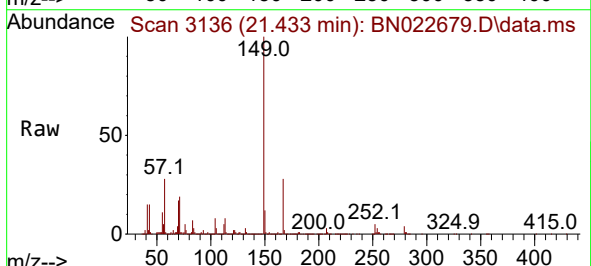
Tgt Ion:149 Resp: 652322

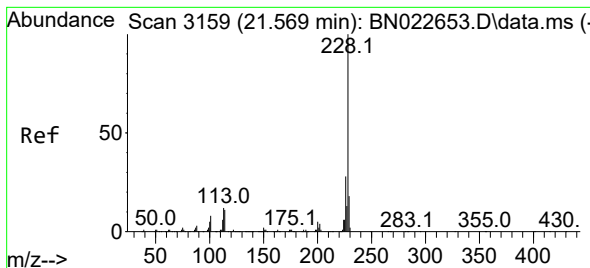
Ion Ratio Lower Upper

149 100

167 27.6 20.7 31.1

279 4.1 2.9 4.3





#87

Chrysene

Concen: 37.570 ng/ul

RT: 21.568 min Scan# 3159

Delta R.T. -0.000 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Instrument :

BNA_N

ClientSampleId :

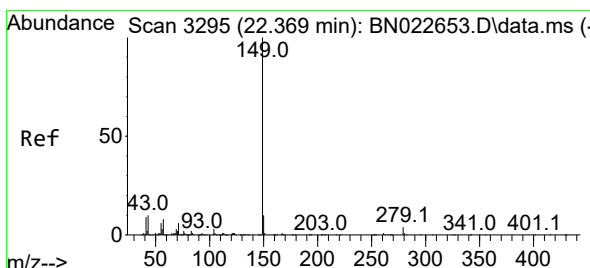
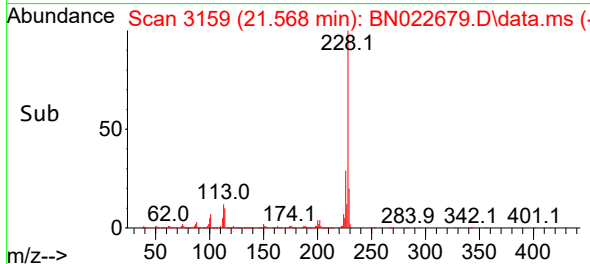
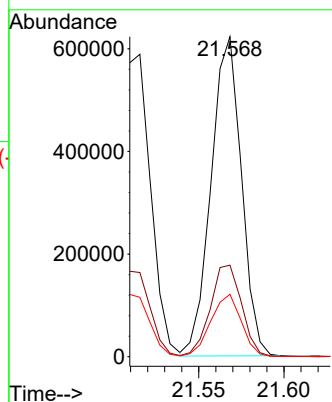
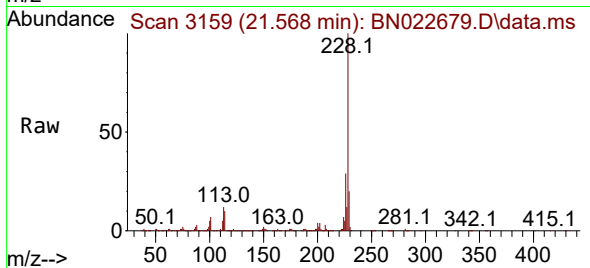
Tgt Ion:228 Resp: 771130

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

229 19.5 14.8 22.2



#89

Di-n-octyl phthalate

Concen: 42.548 ng/ul

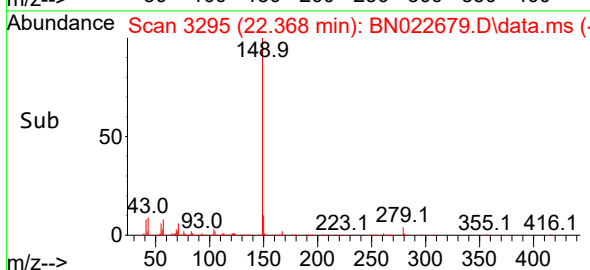
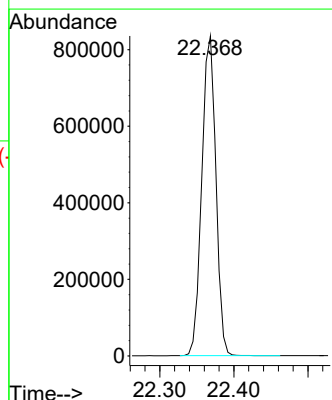
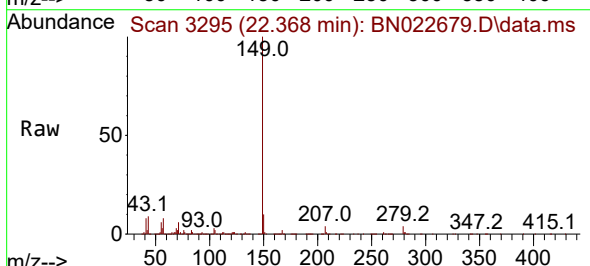
RT: 22.368 min Scan# 3295

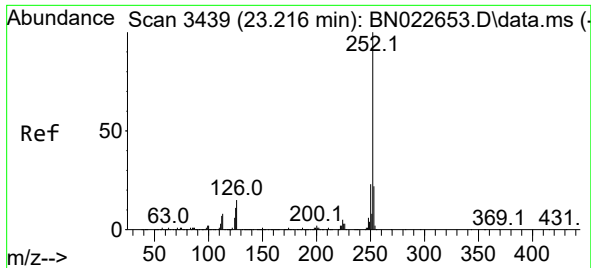
Delta R.T. -0.006 min

Lab File: BN022679.D

Acq: 16 Nov 2022 10:12

Tgt Ion:149 Resp: 1102833

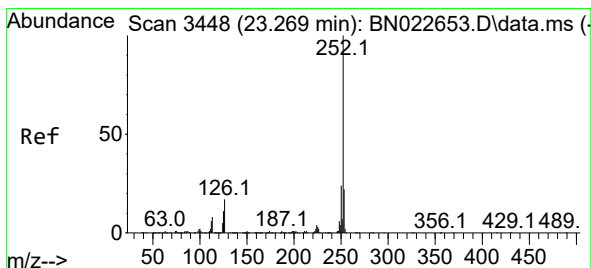
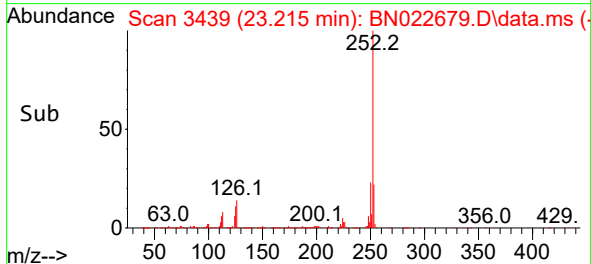
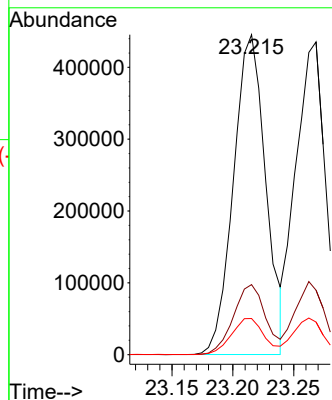
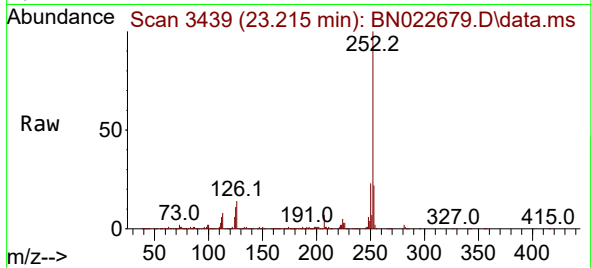




#90
Benzo(b)fluoranthene
Concen: 41.139 ng/ul
RT: 23.215 min Scan# 3439
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

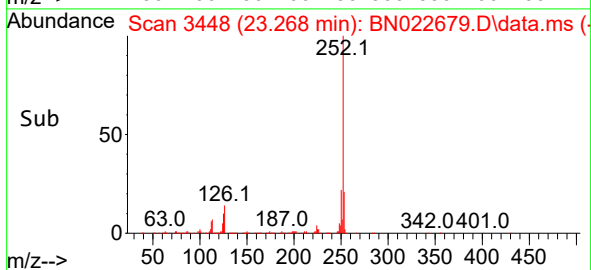
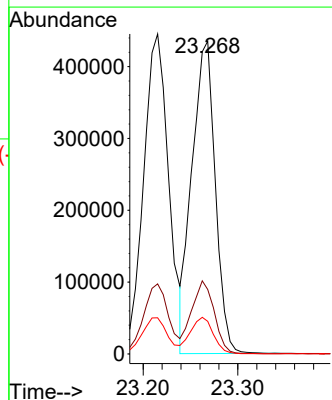
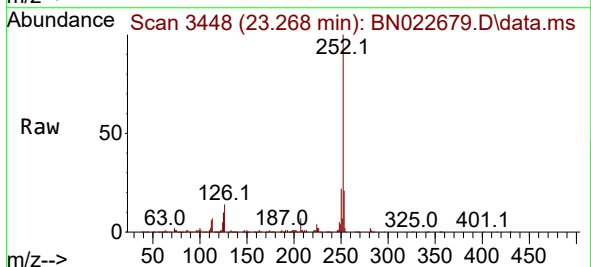
Instrument :
BNA_N
ClientSampleId :

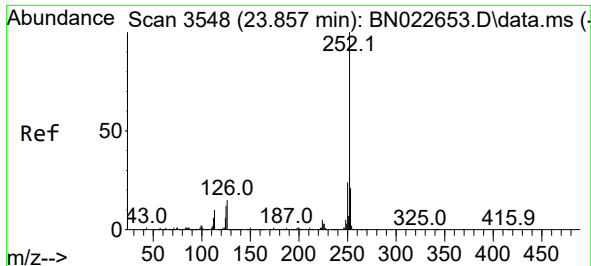
Tgt Ion:252 Resp: 821642
Ion Ratio Lower Upper
252 100
253 21.9 16.2 24.2
125 11.3 8.7 13.1



#91
Benzo(k)fluoranthene
Concen: 39.252 ng/ul
RT: 23.268 min Scan# 3448
Delta R.T. 0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

Tgt Ion:252 Resp: 744144
Ion Ratio Lower Upper
252 100
253 20.6 16.2 24.4
125 10.5 9.0 13.6

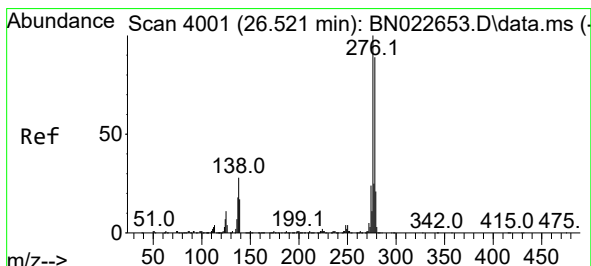
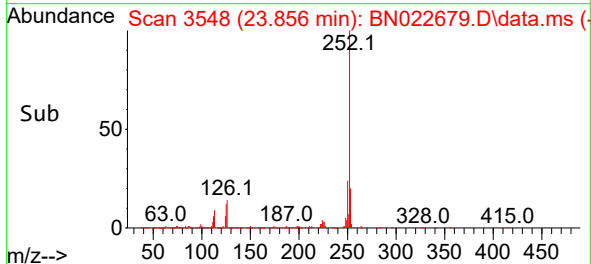
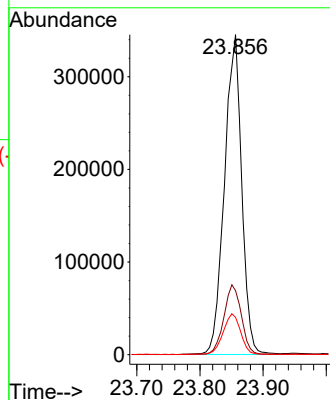
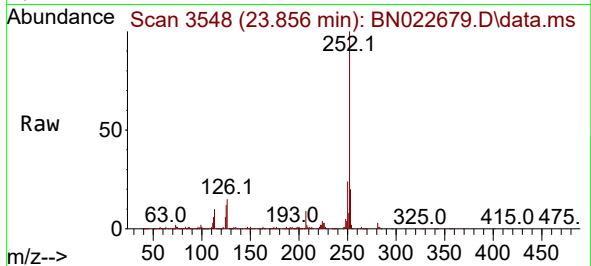




#93
Benzo(a)pyrene
Concen: 38.635 ng/ul
RT: 23.856 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

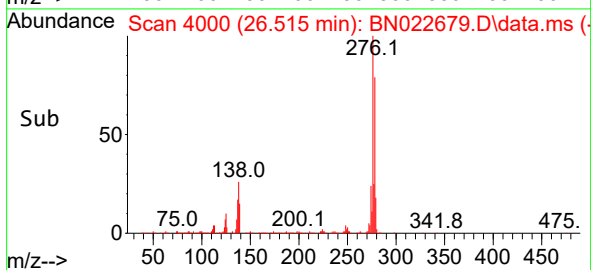
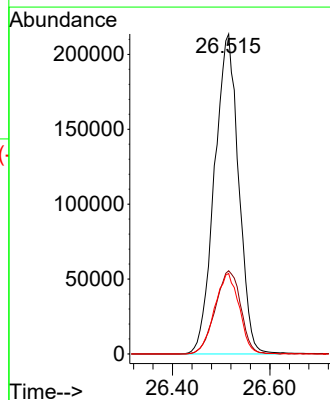
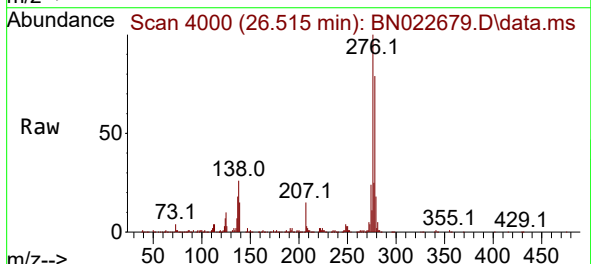
Instrument :
BNA_N
ClientSampleId :

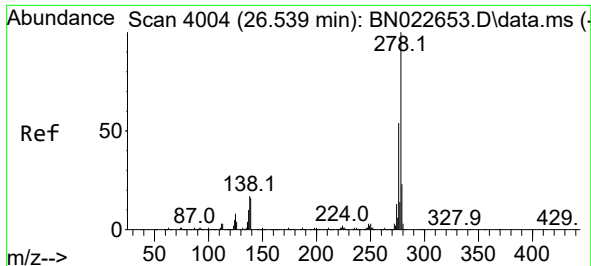
Tgt Ion:252 Resp: 654061
Ion Ratio Lower Upper
252 100
253 20.0 15.4 23.2
125 11.7 9.5 14.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 38.169 ng/ul
RT: 26.515 min Scan# 4000
Delta R.T. -0.006 min
Lab File: BN022679.D
Acq: 16 Nov 2022 10:12

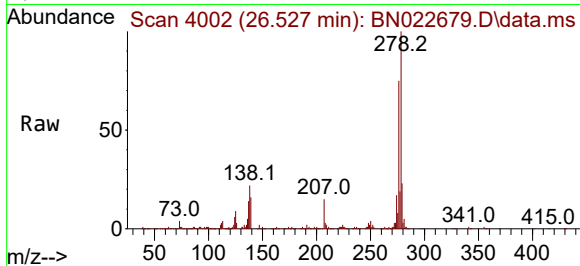
Tgt Ion:276 Resp: 734882
Ion Ratio Lower Upper
276 100
138 26.0 21.3 31.9
277 25.2 19.2 28.8



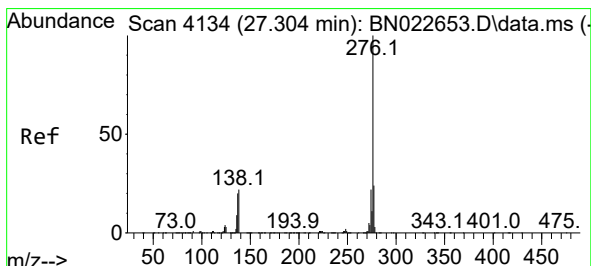
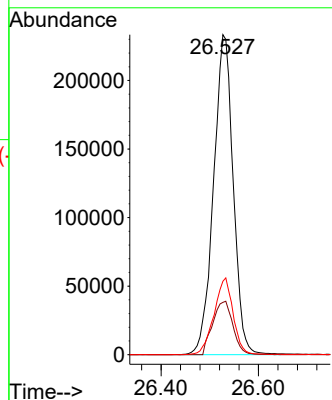
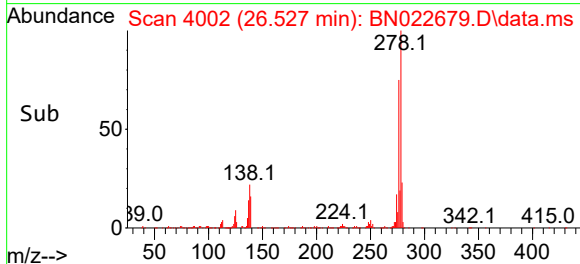


#95
 Dibenzo(a,h)anthracene
 Concen: 37.922 ng/ul
 RT: 26.527 min Scan# 4002
 Delta R.T. -0.006 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12

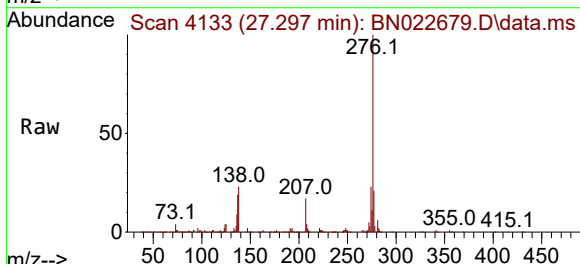
Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 654399
 Ion Ratio Lower Upper
 278 100
 139 16.3 14.4 21.6
 279 22.9 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 37.590 ng/ul
 RT: 27.297 min Scan# 4133
 Delta R.T. 0.006 min
 Lab File: BN022679.D
 Acq: 16 Nov 2022 10:12



Tgt Ion:276 Resp: 631025
 Ion Ratio Lower Upper
 276 100
 138 22.6 18.6 27.8
 277 21.4 18.0 27.0

