

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
 Data File : BN030598.D
 Acq On : 01 Apr 2024 20:57
 Operator : MA/JU
 Sample : PB159926BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS926

Quant Time: Apr 01 22:55:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	242221	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1068199	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	702571	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1454187	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1364286	20.000	ng/u1	0.00
88) Perylene-d12	24.269	264	1434155	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	32557	6.302	ng/uL	0.00
4) Pyridine-d5	3.599	84	451755	29.164	ng/u1	0.00
7) Phenol-d5	6.864	99	628769	32.089	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	369773	30.553	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	499583	33.609	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	501951	30.565	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	249181	33.628	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	255214	37.649	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	502824	33.882	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	775764	31.752	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1503365	32.049	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1752055	32.486	ng/u1	0.00
54) 4-Nitrophenol-d4	14.546	143	301500	33.603	ng/u1	0.00
60) Fluorene-d10	15.334	176	1281767	31.226	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	213182	33.213	ng/u1	0.00
73) Anthracene-d10	17.187	188	2034017	32.463	ng/u1	0.00
81) Pyrene-d10	19.486	212	2351151	32.054	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	2221816	33.622	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	65250	11.790	ng/uL	99
5) Pyridine	3.617	79	436070	27.899	ng/u1	98
6) Benzaldehyde	6.846	77	259486	28.437	ng/u1	96
8) Phenol	6.893	94	626044	30.669	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	501748	30.143	ng/u1	100
12) 2-Chlorophenol	7.258	128	505073	31.675	ng/u1	98
13) 2-Methylphenol	8.134	108	472135	30.016	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	673934	28.753	ng/u1	99
16) Acetophenone	8.516	105	753451	29.059	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.505	70	378644	28.995	ng/u1	98
18) 4-Methylphenol	8.463	108	519881	29.524	ng/u1	100
19) Hexachloroethane	8.763	117	207784	31.081	ng/u1	98
22) Nitrobenzene	8.893	77	568728	31.441	ng/u1	99
23) Isophorone	9.416	82	1093531	30.313	ng/u1	100
25) 2-Nitrophenol	9.599	139	272374	34.188	ng/u1	99
26) 2,4-Dimethylphenol	9.663	107	526183	29.716	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.905	93	676330	29.487	ng/u1	97
29) 2,4-Dichlorophenol	10.128	162	475698	31.404	ng/u1	98
30) Naphthalene	10.528	128	1673080	30.539	ng/u1	100
32) 4-Chloroaniline	10.646	127	671612	28.524	ng/u1	100
33) Hexachlorobutadiene	10.810	225	296258	31.072	ng/u1	95
34) Caprolactam	11.422	113	102757	18.158	ng/u1	99
35) 4-Chloro-3-methylphenol	11.769	107	528058	30.951	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	1134378	29.649	ng/u1	98

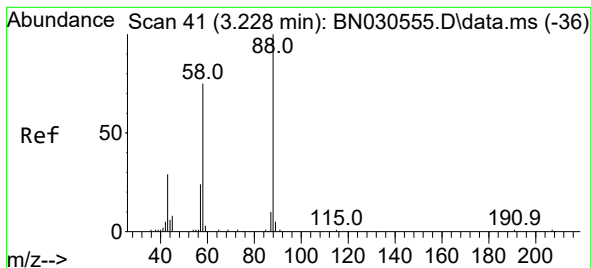
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1140869	29.374	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.516	216	570036	31.439	ng/ul	99
40) Hexachlorocyclopentadiene	12.493	237	303116	29.438	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	381716	33.691	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	415180	32.447	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1466866	30.632	ng/ul	97
44) 2-Chloronaphthalene	13.210	162	1177622	31.239	ng/ul	98
45) 2-Nitroaniline	13.422	65	334053	33.298	ng/ul	97
47) Dimethylphthalate	13.804	163	1503596	31.031	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	307941	34.277	ng/ul	99
50) Acenaphthylene	14.057	152	1963805	31.514	ng/ul	99
51) 3-Nitroaniline	14.251	138	316120	33.151	ng/ul	98
52) Acenaphthene	14.404	153	1284335	30.928	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	126452	30.645	ng/ul	96
55) 4-Nitrophenol	14.557	109	223117	31.387	ng/ul	95
56) Dibenzofuran	14.740	168	1752637	30.362	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	444769	33.910	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.963	232	348756	32.819	ng/ul	97
59) Diethylphthalate	15.175	149	1523379	30.947	ng/ul	99
61) Fluorene	15.393	166	1421635	30.984	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.387	204	679872	30.202	ng/ul	98
63) 4-Nitroaniline	15.416	138	352314	38.004	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	226918	32.902	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	1255766	31.709	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	424176	30.718	ng/ul	95
69) Hexachlorobenzene	16.387	284	510878	31.419	ng/ul	98
70) Atrazine	16.557	200	288993	21.054	ng/ul	98
71) Pentachlorophenol	16.734	266	311043	32.444	ng/ul	94
72) Phenanthrene	17.128	178	2362392	31.620	ng/ul	99
74) Anthracene	17.222	178	2407465	31.875	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	578955	32.407	ng/ul	99
76) Pentachlorobenzene	14.651	250	558659	30.787	ng/ul	93
77) Carbazole	17.492	167	2193930	33.123	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2704883	33.475	ng/ul	99
80) Fluoranthene	19.151	202	2701958	30.988	ng/ul	99
82) Pyrene	19.516	202	2858064	31.037	ng/ul	98
83) Butylbenzylphthalate	20.428	149	1241931	35.316	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.233	252	895617	35.727	ng/ul	95
85) Benzo(a)anthracene	21.304	228	2891230	31.754	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1790472	34.524	ng/ul	99
87) Chrysene	21.369	228	2691638	31.320	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3150572	34.690	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2763413	32.741	ng/ul	96
91) Benzo(k)fluoranthene	23.398	252	2769324	32.308	ng/ul	98
93) Benzo(a)pyrene	24.133	252	2562471	32.139	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.580	276	2619979	30.399	ng/ul	99
95) Dibenzo(a,h)anthracene	27.633	278	1323724	18.244	ng/ul	96

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



#2

1,4-Dioxane

Concen: 11.790 ng/uL

RT: 3.228 min Scan# 41

Delta R.T. -0.006 min

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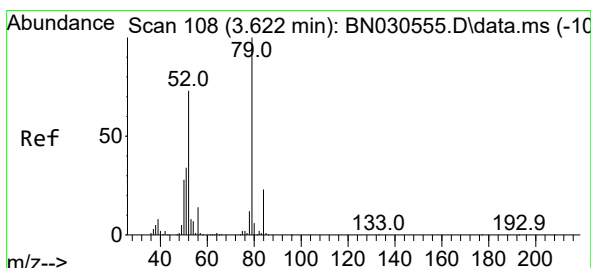
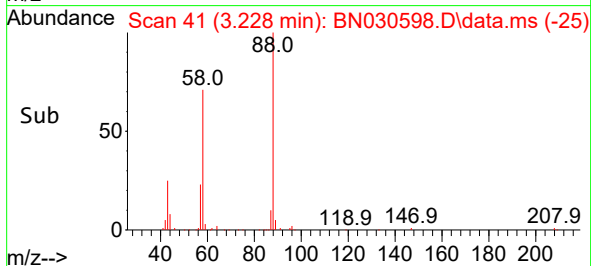
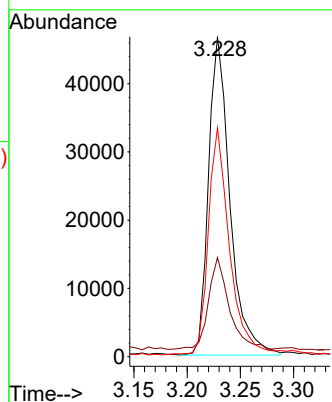
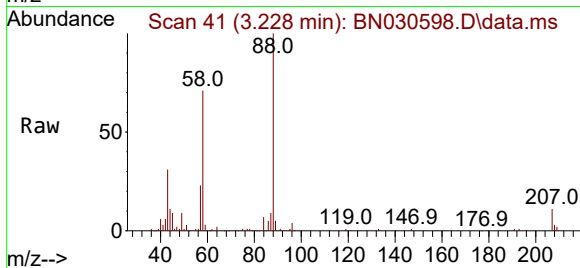
Tgt Ion: 88 Resp: 65250

Ion Ratio Lower Upper

88 100

43 31.0 23.8 35.8

58 71.4 56.6 84.8



#5

Pyridine

Concen: 27.899 ng/uL

RT: 3.617 min Scan# 107

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

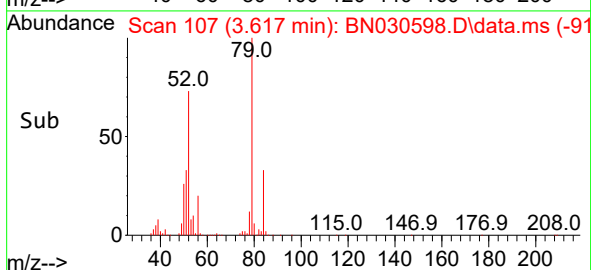
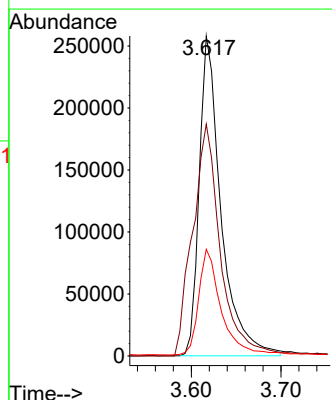
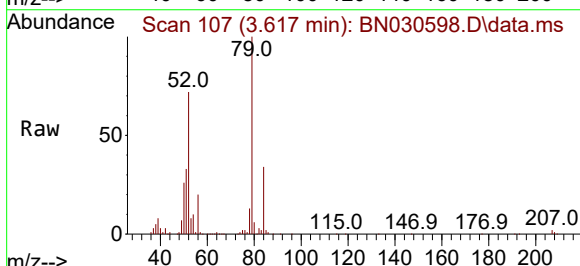
Tgt Ion: 79 Resp: 436070

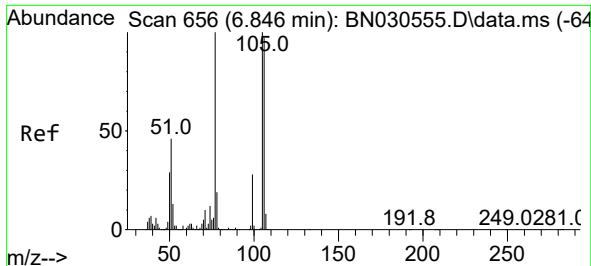
Ion Ratio Lower Upper

79 100

52 72.5 56.2 84.4

51 33.3 27.0 40.4

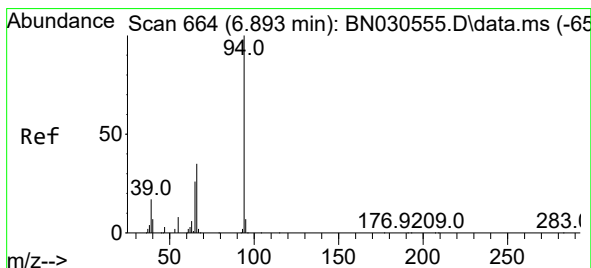
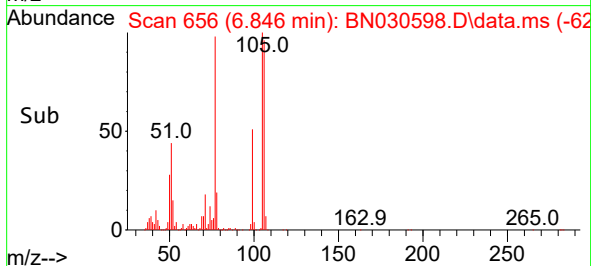
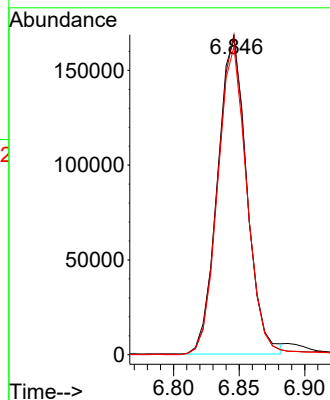
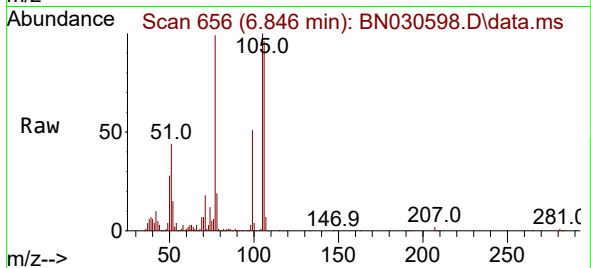




#6
Benzaldehyde
Concen: 28.437 ng/ul
RT: 6.846 min Scan# 656
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

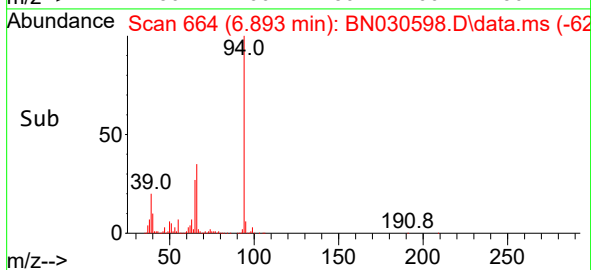
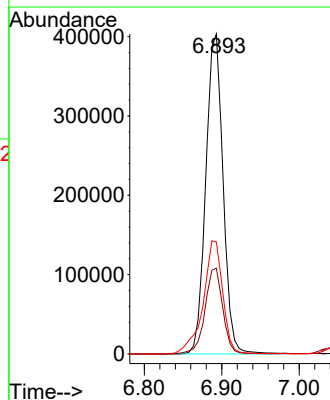
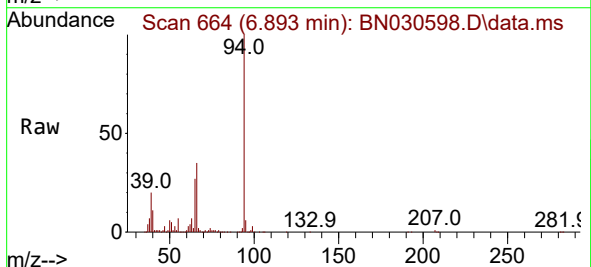
Instrument :
BNA_M
ClientSampleId :
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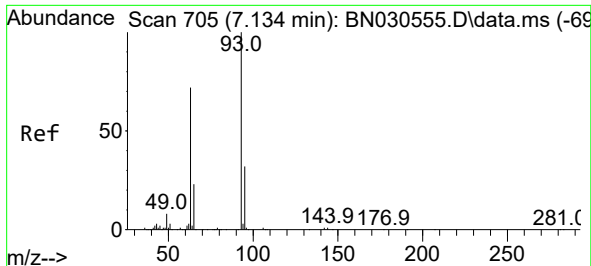
Tgt Ion: 77 Resp: 259486
Ion Ratio Lower Upper
77 100
105 101.4 78.1 117.1
106 97.7 75.6 113.4



#8
Phenol
Concen: 30.669 ng/ul
RT: 6.893 min Scan# 664
Delta R.T. 0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion: 94 Resp: 626044
Ion Ratio Lower Upper
94 100
65 26.8 21.4 32.0
66 35.0 28.5 42.7

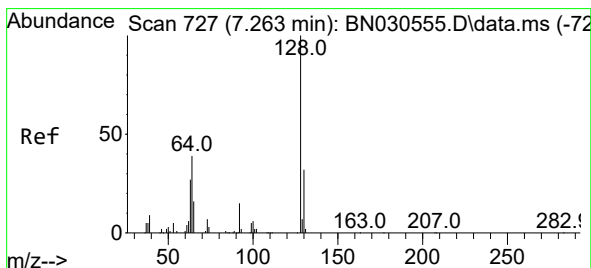
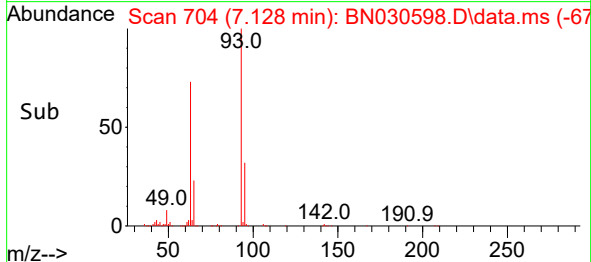
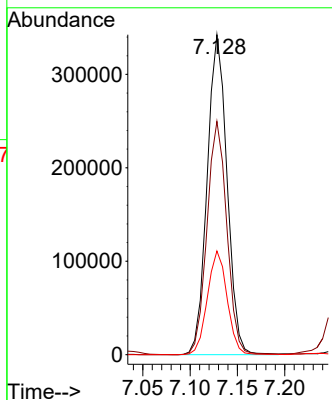
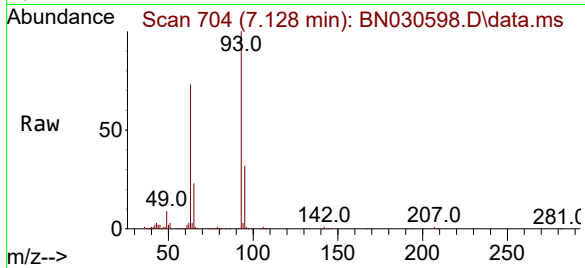




#10
Bis(2-Chloroethyl)ether
Concen: 30.143 ng/ul
RT: 7.128 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

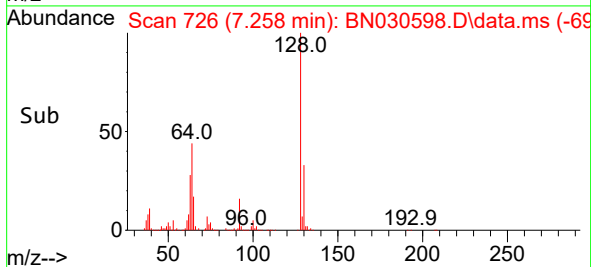
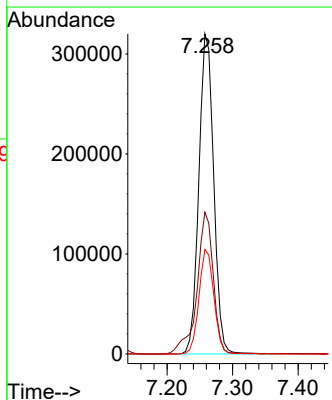
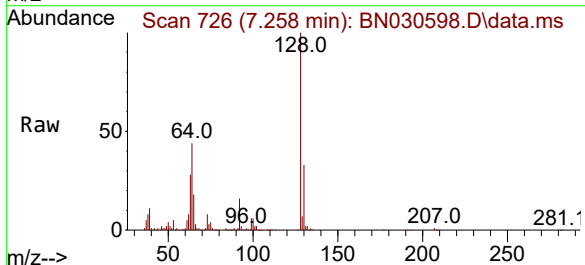
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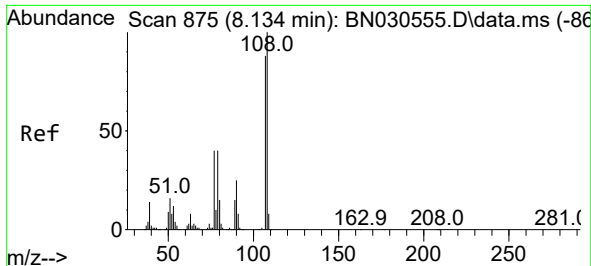
Tgt Ion: 93 Resp: 501748
Ion Ratio Lower Upper
93 100
63 72.9 58.2 87.4
95 32.4 26.0 39.0



#12
2-Chlorophenol
Concen: 31.675 ng/ul
RT: 7.258 min Scan# 726
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:128 Resp: 505073
Ion Ratio Lower Upper
128 100
64 44.3 37.0 55.4
130 32.7 26.3 39.5





#13

2-Methylphenol

Concen: 30.016 ng/ul

RT: 8.134 min Scan# 81

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

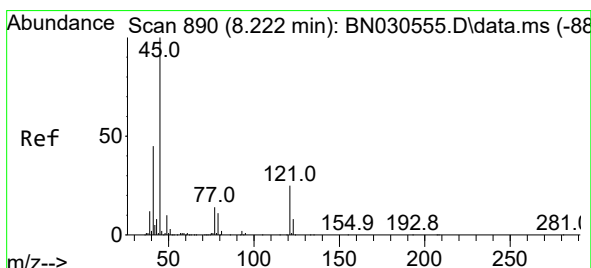
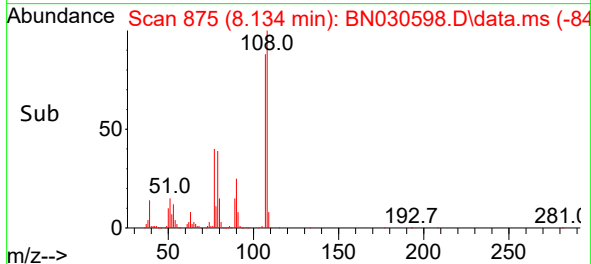
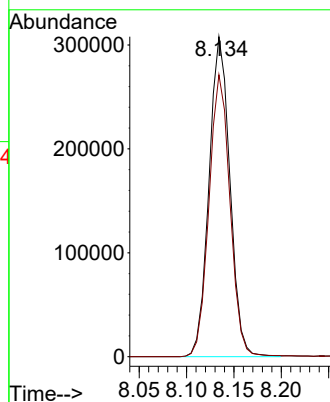
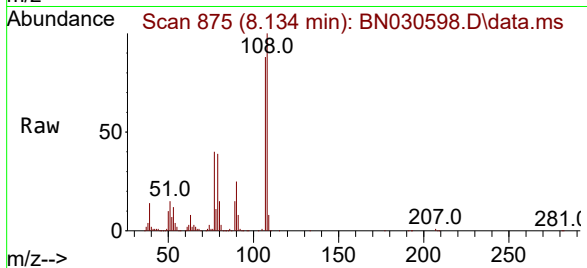
SLCS926

Tgt Ion:108 Resp: 472135

Ion Ratio Lower Upper

108 100

107 88.1 71.8 107.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.753 ng/ul

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BN030598.D

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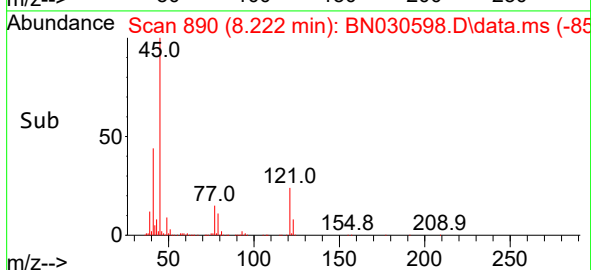
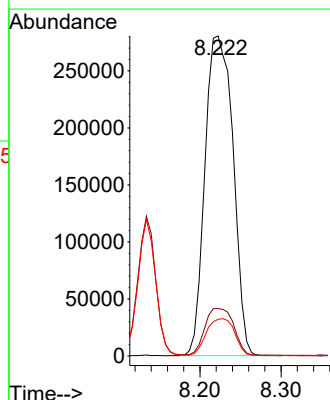
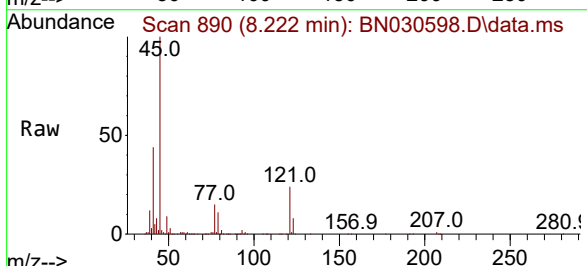
Tgt Ion: 45 Resp: 673934

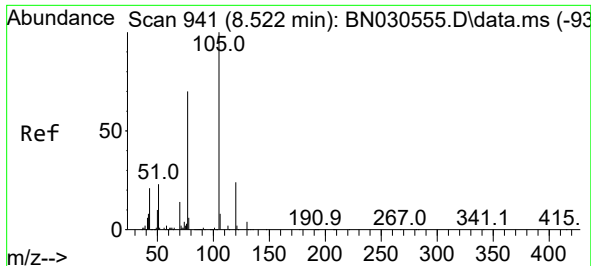
Ion Ratio Lower Upper

45 100

77 14.8 12.1 18.1

79 11.5 8.6 13.0

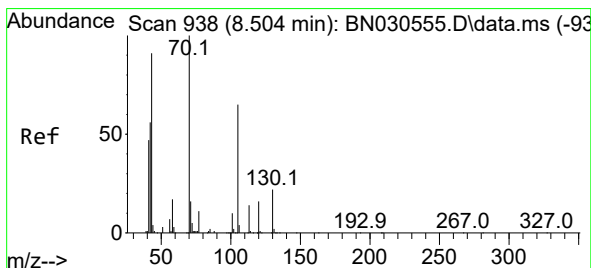
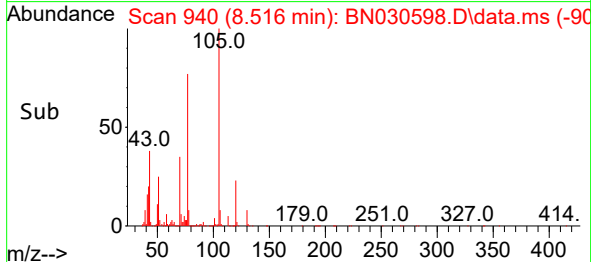
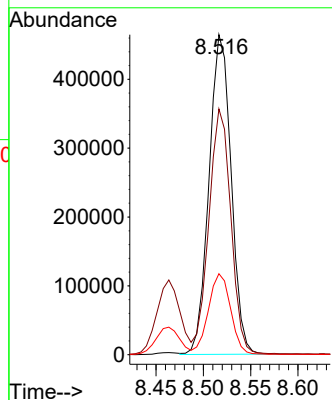
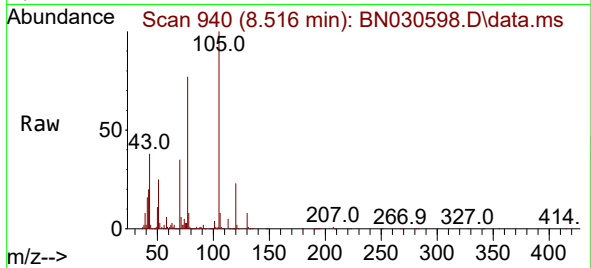




#16
Acetophenone
Concen: 29.059 ng/ul
RT: 8.516 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

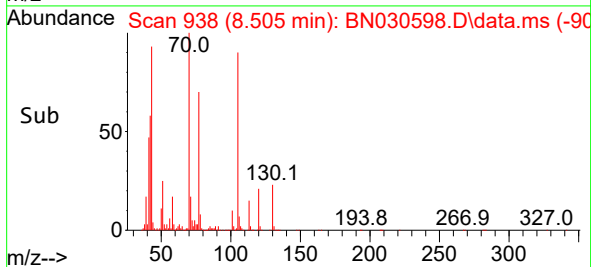
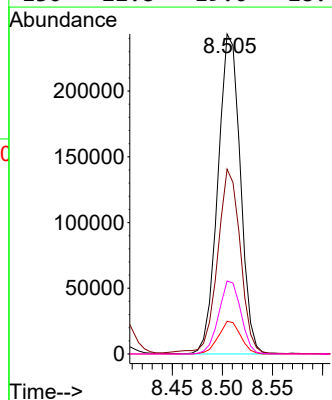
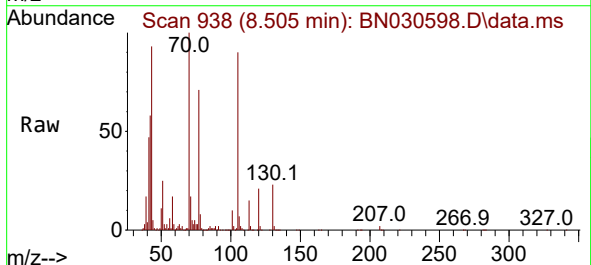
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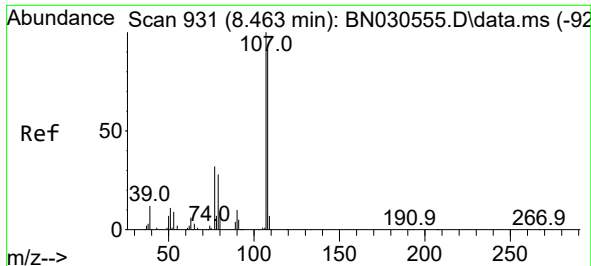
Tgt Ion:105 Resp: 753451
Ion Ratio Lower Upper
105 100
77 76.8 61.2 91.8
51 25.3 21.0 31.4



#17
N-Nitroso-di-n-propylamine
Concen: 28.995 ng/ul
RT: 8.505 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion: 70 Resp: 378644
Ion Ratio Lower Upper
70 100
42 57.8 47.4 71.0
101 10.2 7.9 11.9
130 22.8 19.0 28.4

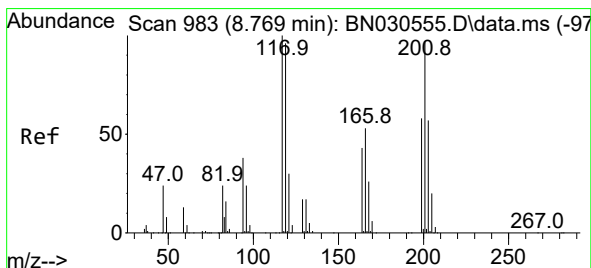
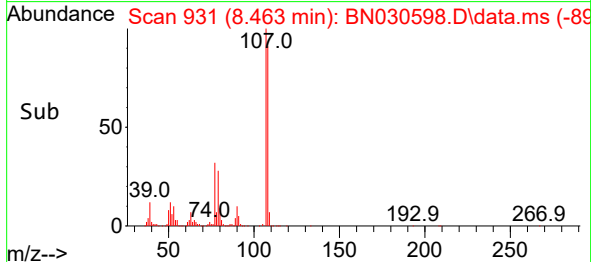
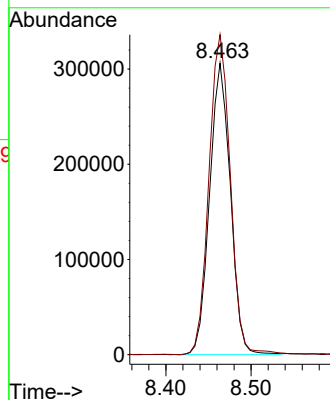
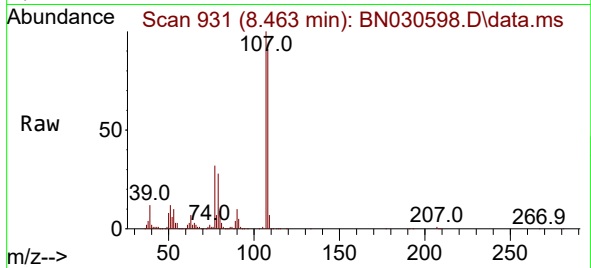




#18
4-Methylphenol
Concen: 29.524 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

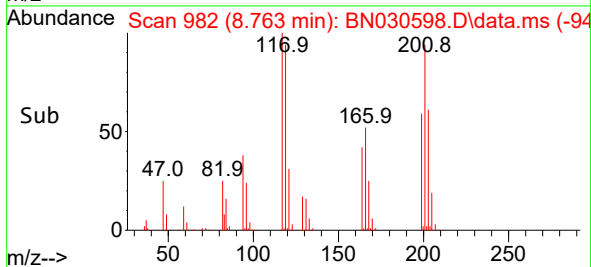
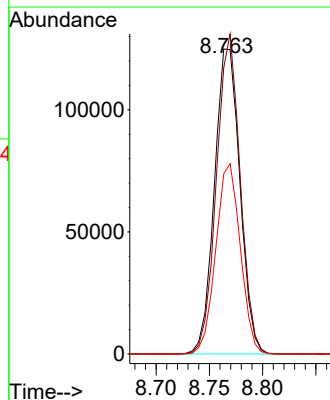
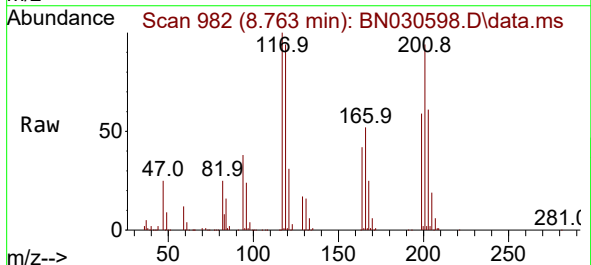
Instrument :
BNA_M
ClientSampleId :
SLCS926

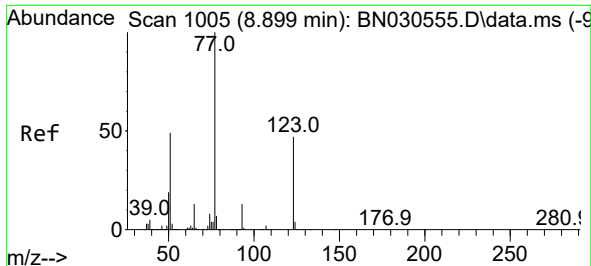
Tgt Ion:108 Resp: 519881
Ion Ratio Lower Upper
108 100
107 109.8 88.1 132.1



#19
Hexachloroethane
Concen: 31.081 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:117 Resp: 207784
Ion Ratio Lower Upper
117 100
201 93.8 76.5 114.7
199 59.0 48.5 72.7

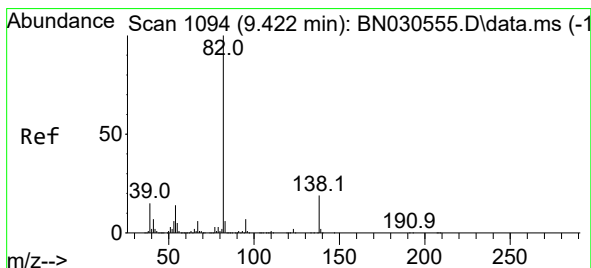
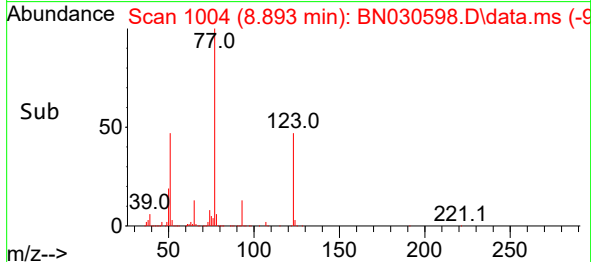
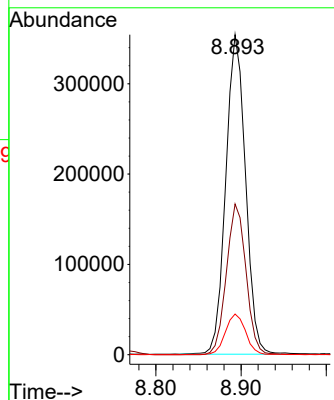
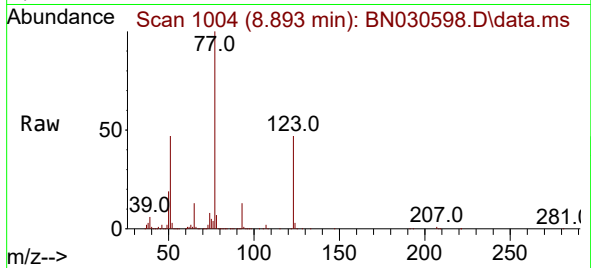




#22
Nitrobenzene
Concen: 31.441 ng/ul
RT: 8.893 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

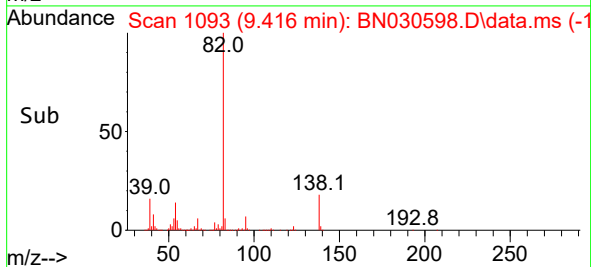
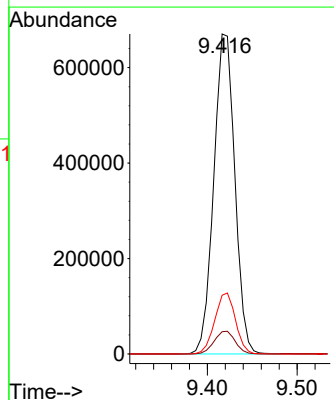
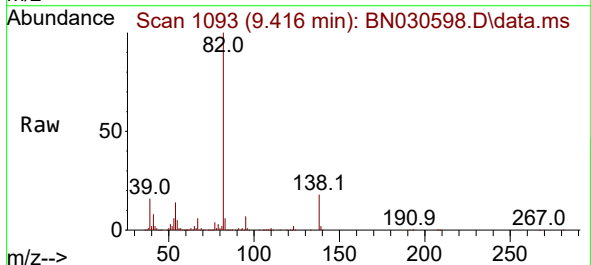
Instrument :
BNA_M
ClientSampleId :
SLCS926

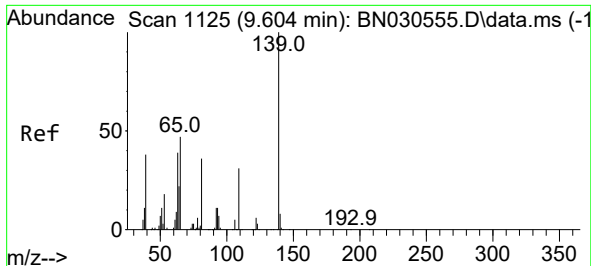
Tgt Ion: 77 Resp: 568728
Ion Ratio Lower Upper
77 100
123 47.1 37.5 56.3
65 12.7 10.6 15.8



#23
Isophorone
Concen: 30.313 ng/ul
RT: 9.416 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion: 82 Resp: 1093531
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.3 14.6 21.8





#25

2-Nitrophenol

Concen: 34.188 ng/ul

RT: 9.599 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

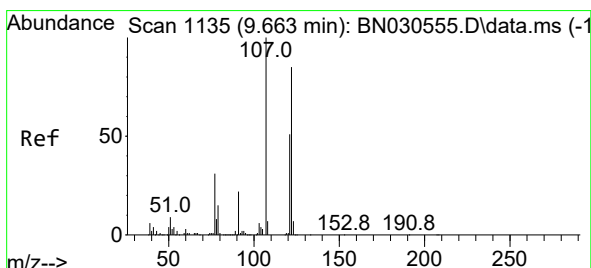
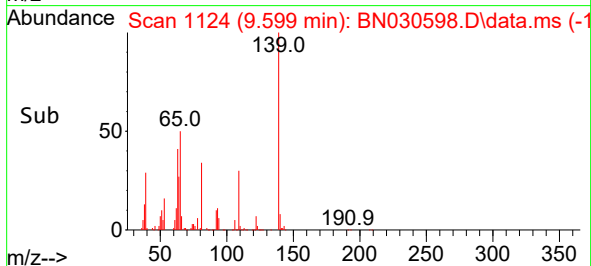
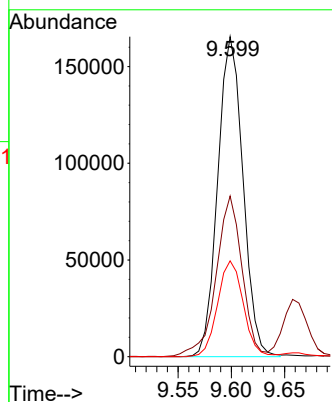
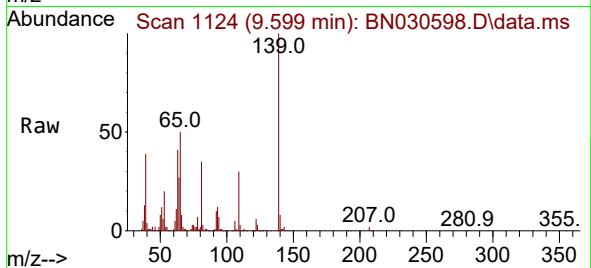
Tgt Ion:139 Resp: 272374

Ion Ratio Lower Upper

139 100

65 50.2 39.5 59.3

109 30.0 23.8 35.8



#26

2,4-Dimethylphenol

Concen: 29.716 ng/ul

RT: 9.663 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

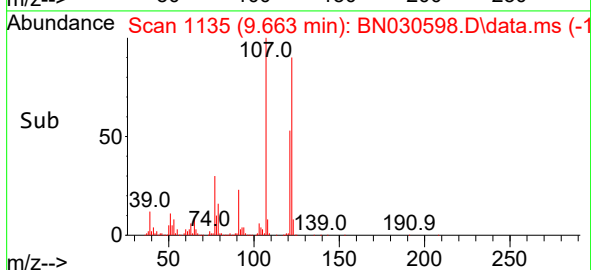
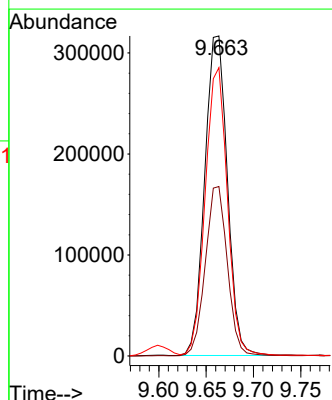
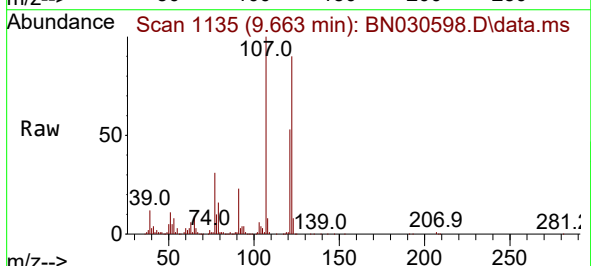
Tgt Ion:107 Resp: 526183

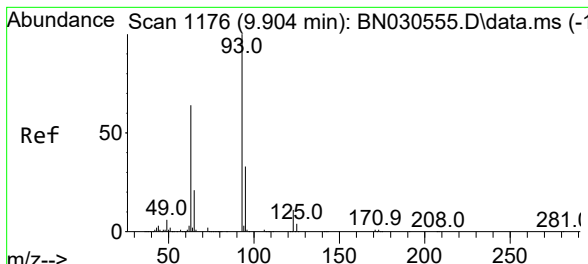
Ion Ratio Lower Upper

107 100

121 53.0 41.6 62.4

122 90.1 71.3 106.9



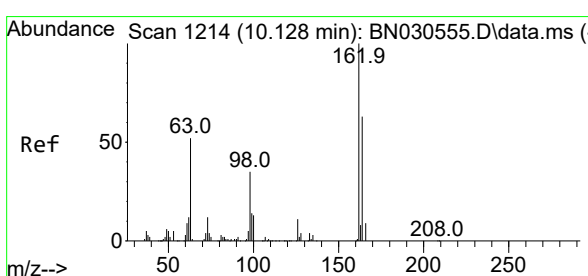
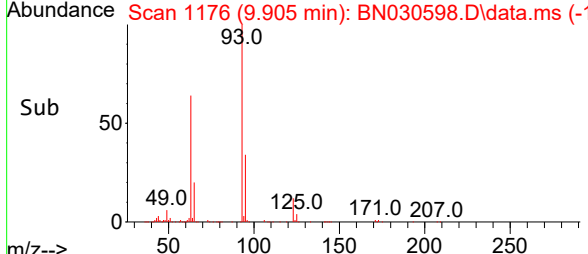
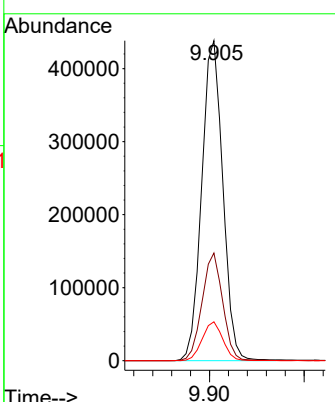
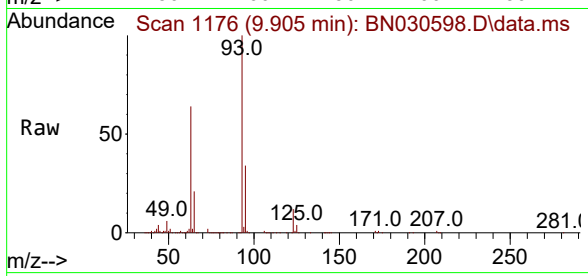


#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.487 ng/ul
 RT: 9.905 min Scan# 1176
 Delta R.T. 0.000 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SLCS926

Tgt Ion: 93 Resp: 676330

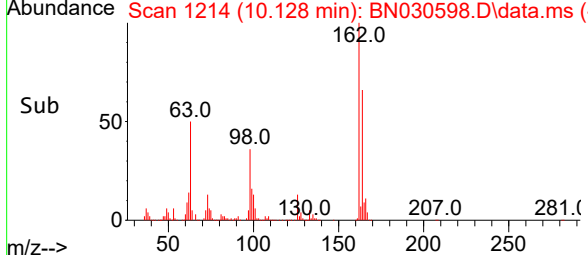
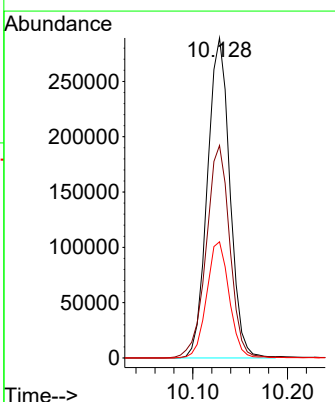
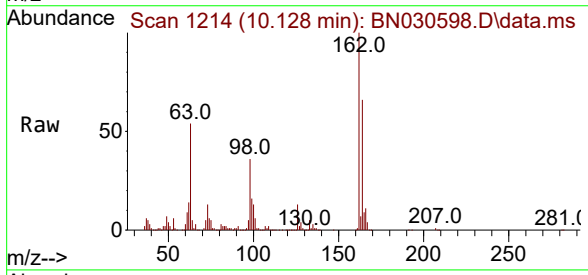
Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.4	38.0
123	12.2	9.4	14.0

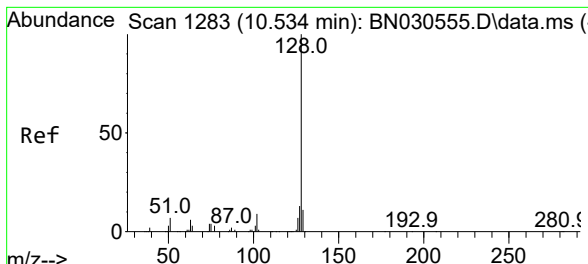


#29
 2,4-Dichlorophenol
 Concen: 31.404 ng/ul
 RT: 10.128 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Tgt Ion: 162 Resp: 475698

Ion	Ratio	Lower	Upper
162	100		
164	66.4	51.8	77.8
98	36.3	28.0	42.0

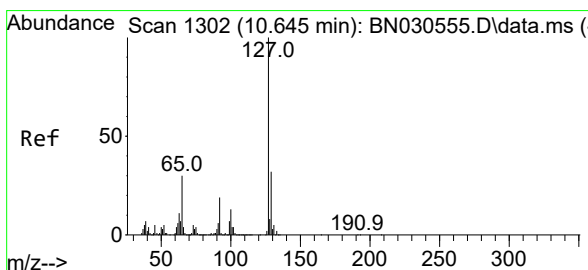
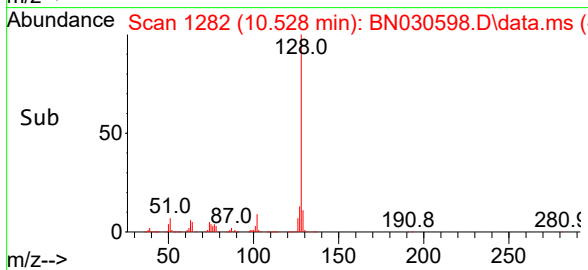
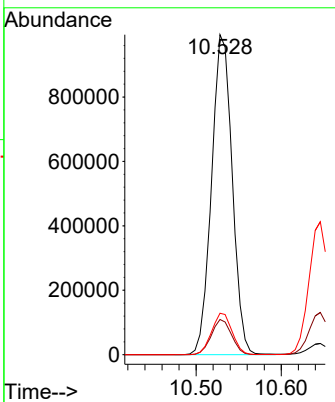
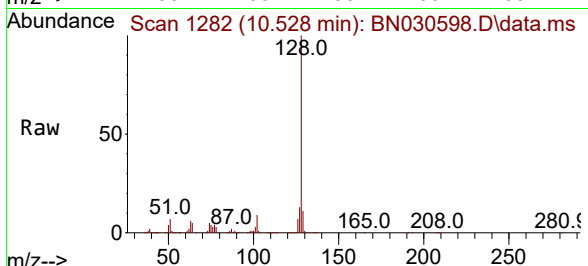




#30
Naphthalene
Concen: 30.539 ng/ul
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

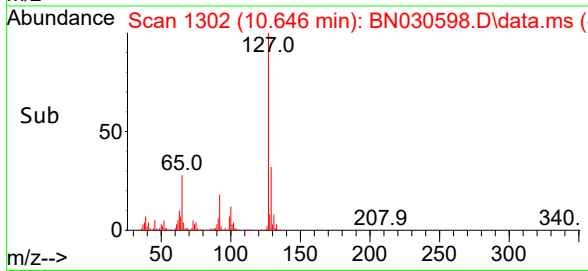
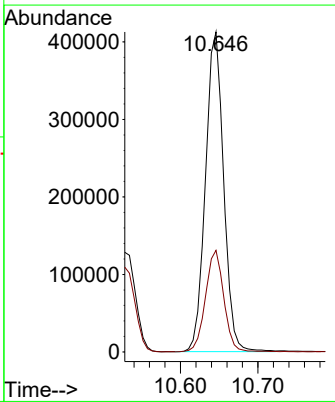
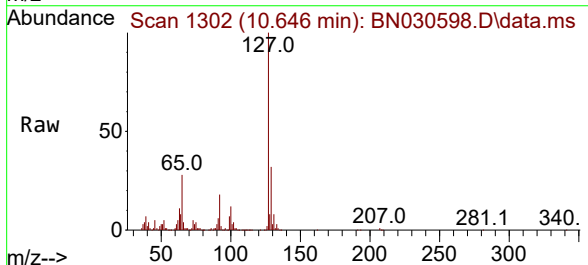
Instrument :
BNA_M
ClientSampleId :
SLCS926

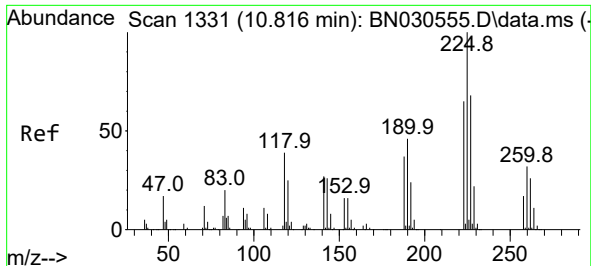
Tgt Ion:128 Resp: 1673080
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 28.524 ng/ul
RT: 10.646 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:127 Resp: 671612
Ion Ratio Lower Upper
127 100
129 31.8 25.3 37.9

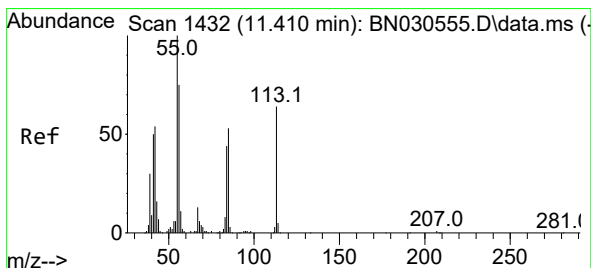
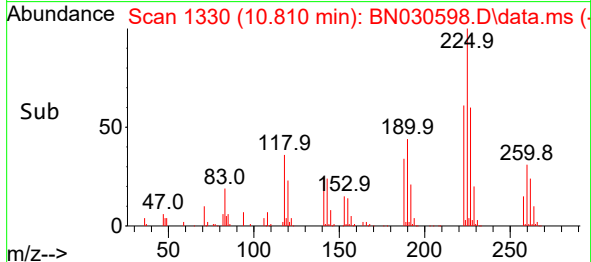
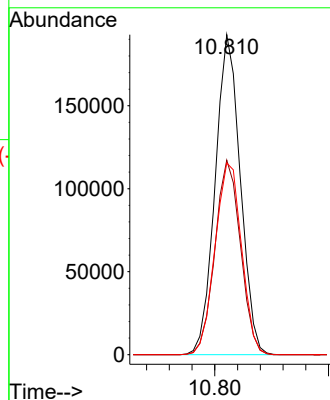
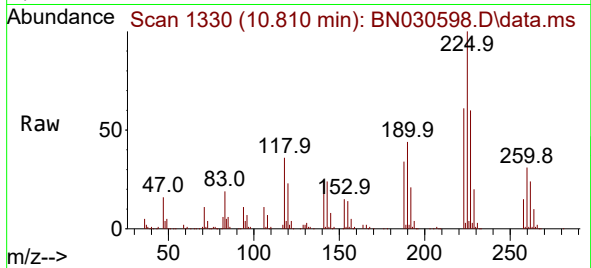




#33
Hexachlorobutadiene
Concen: 31.072 ng/ul
RT: 10.810 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

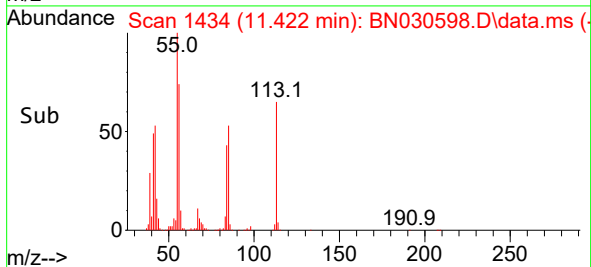
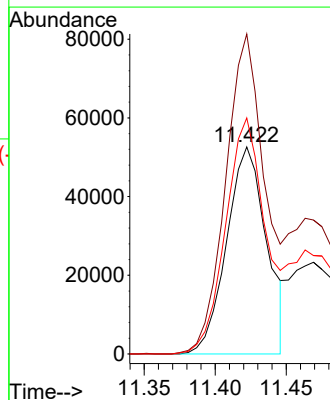
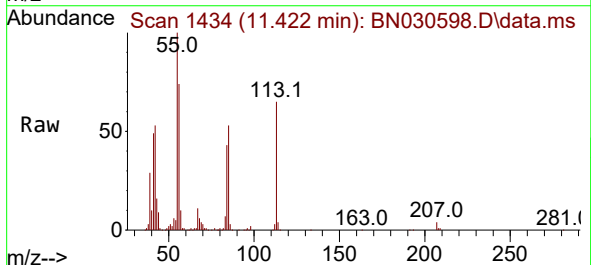
Instrument :
BNA_M
ClientSampleId :
SLCS926

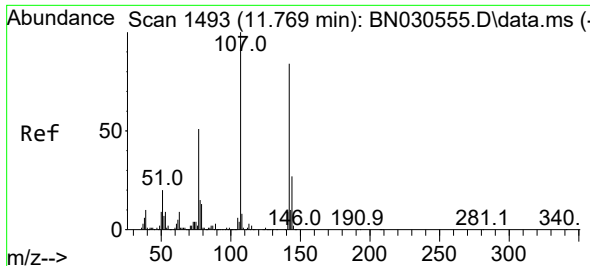
Tgt Ion:225 Resp: 296258
Ion Ratio Lower Upper
225 100
223 60.8 50.9 76.3
227 59.9 51.6 77.4



#34
Caprolactam
Concen: 18.158 ng/ul
RT: 11.422 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:113 Resp: 102757
Ion Ratio Lower Upper
113 100
55 154.6 124.7 187.1
56 114.0 90.6 135.8

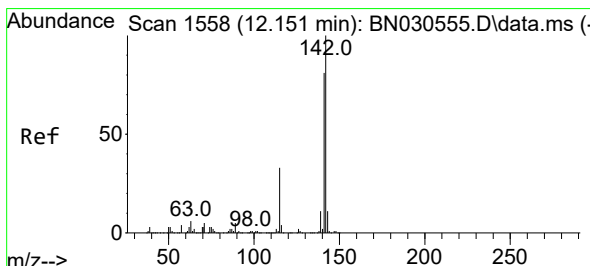
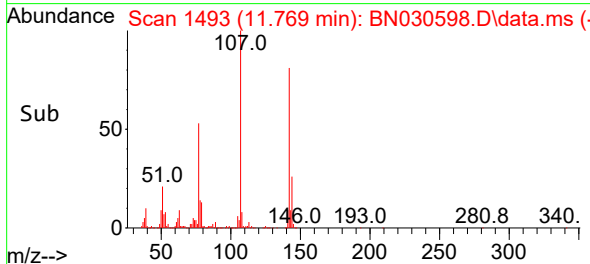
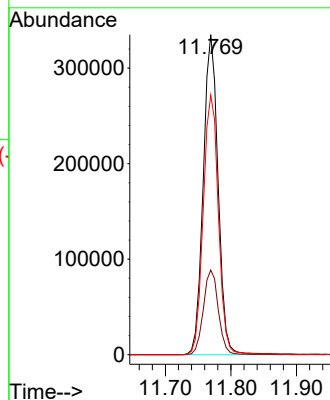
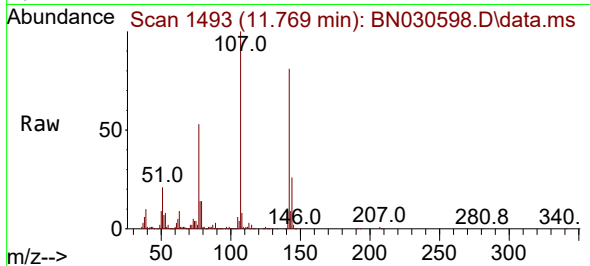




#35
4-Chloro-3-methylphenol
Concen: 30.951 ng/ul
RT: 11.769 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

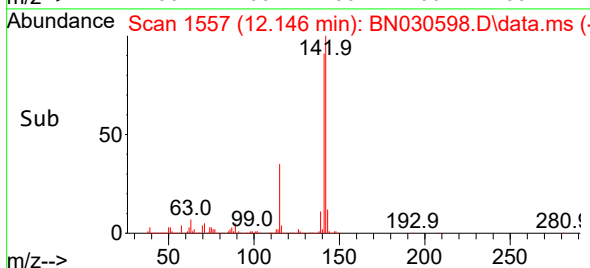
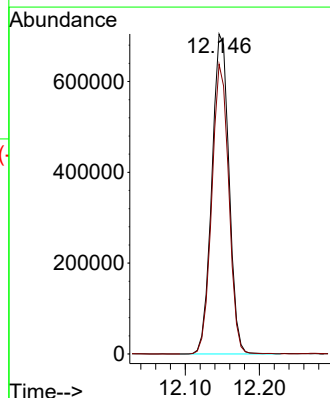
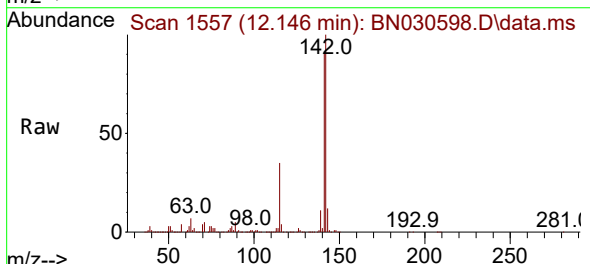
Instrument :
BNA_M
ClientSampleId :
SLCS926

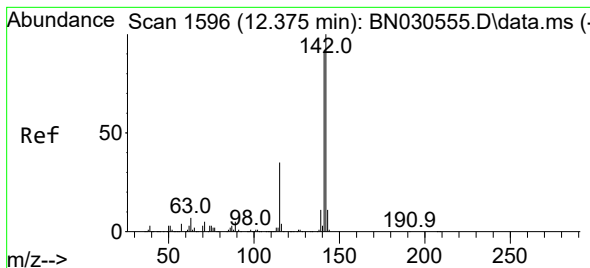
Tgt Ion:107 Resp: 528058
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.0
142 81.1 65.9 98.9



#36
2-Methylnaphthalene
Concen: 29.649 ng/ul
RT: 12.146 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:142 Resp: 1134378
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2





#37

1-Methylnaphthalene

Concen: 29.374 ng/ul

RT: 12.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

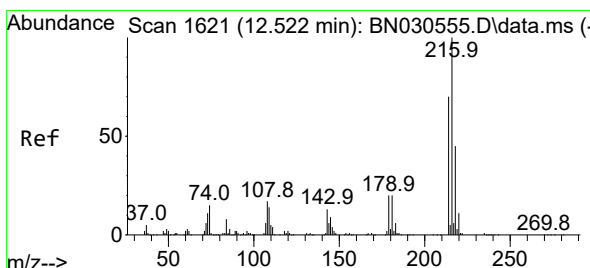
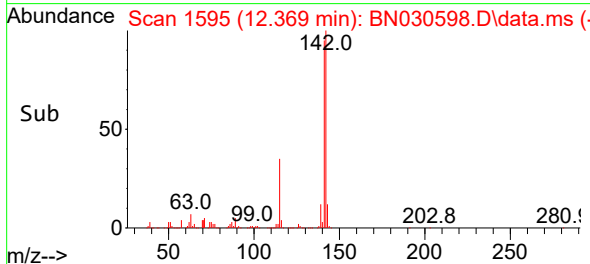
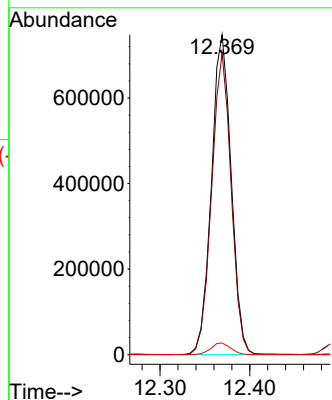
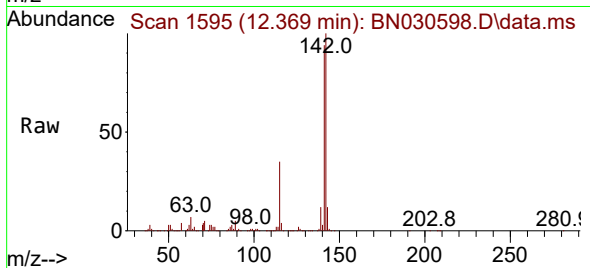
Tgt Ion:142 Resp: 1140869

Ion Ratio Lower Upper

142 100

141 94.3 73.0 109.4

116 3.7 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.439 ng/ul

RT: 12.516 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Tgt Ion:216 Resp: 570036

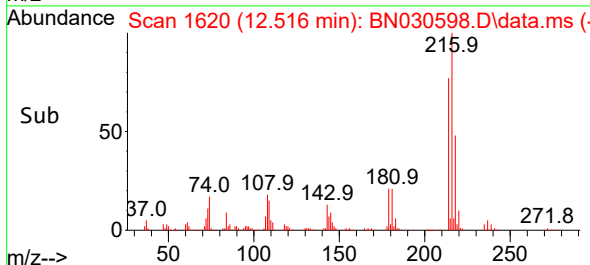
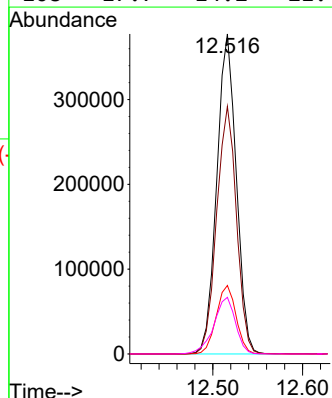
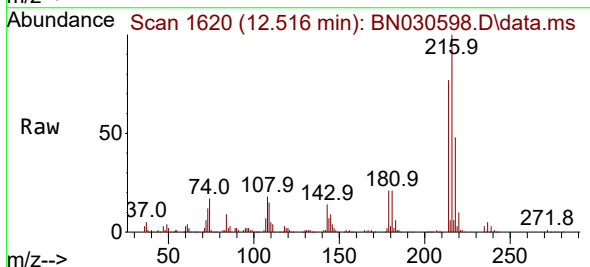
Ion Ratio Lower Upper

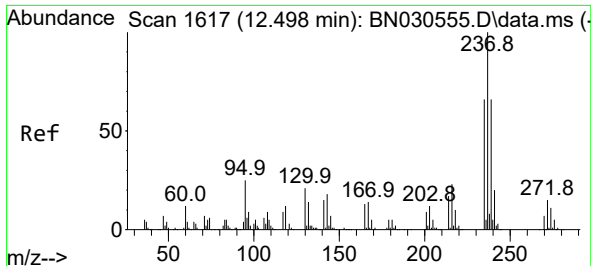
216 100

214 77.3 60.9 91.3

179 21.4 17.4 26.0

108 17.7 14.2 21.4

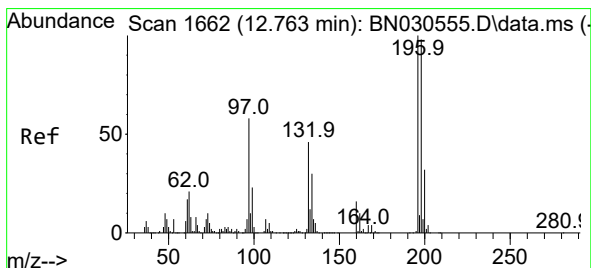
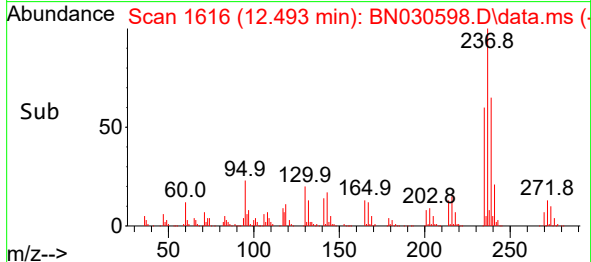
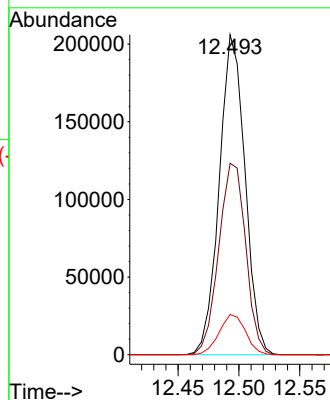
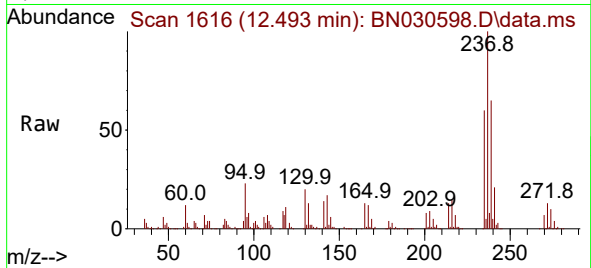




#40
Hexachlorocyclopentadiene
Concen: 29.438 ng/ul
RT: 12.493 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

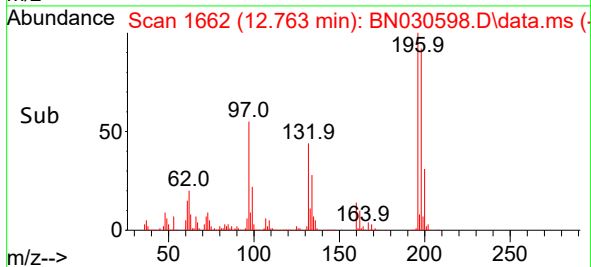
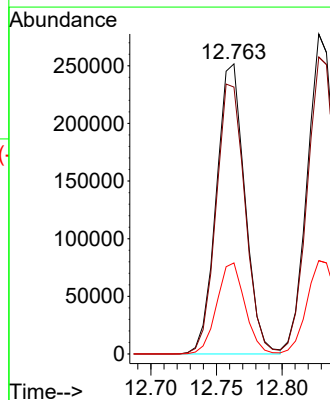
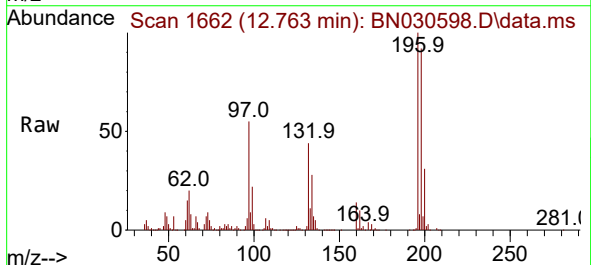
Instrument :
BNA_M
ClientSampleId :
SLCS926

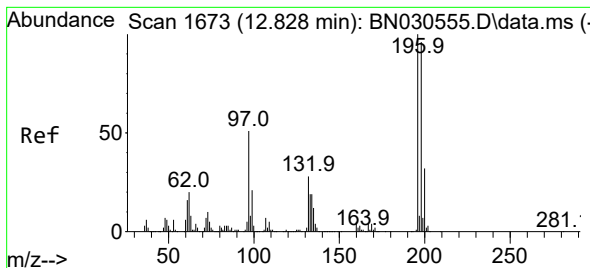
Tgt Ion:237 Resp: 303116
Ion Ratio Lower Upper
237 100
235 59.9 50.6 76.0
272 12.6 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 33.691 ng/ul
RT: 12.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:196 Resp: 381716
Ion Ratio Lower Upper
196 100
198 92.0 74.6 111.8
200 31.4 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 32.447 ng/ul

RT: 12.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

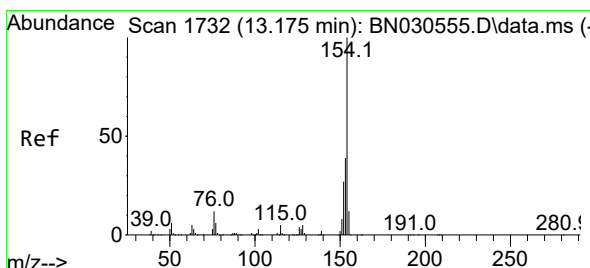
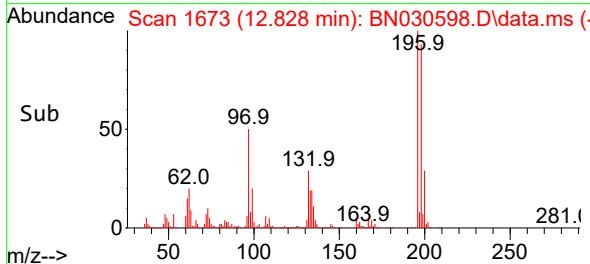
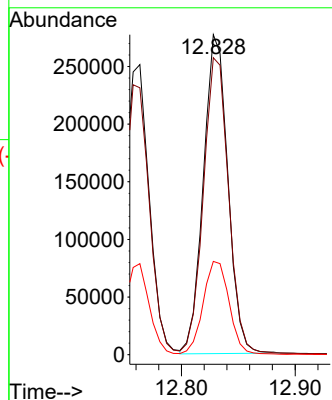
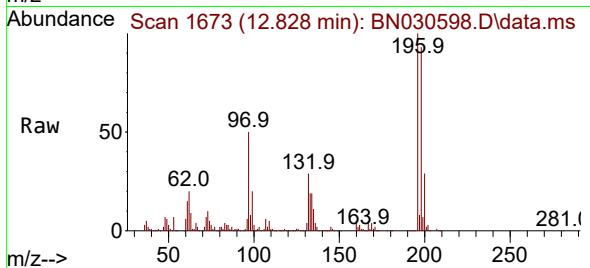
Tgt Ion:196 Resp: 415180

Ion Ratio Lower Upper

196 100

198 92.8 73.0 109.6

200 29.2 25.2 37.8



#43

1,1'-Biphenyl

Concen: 30.632 ng/ul

RT: 13.169 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

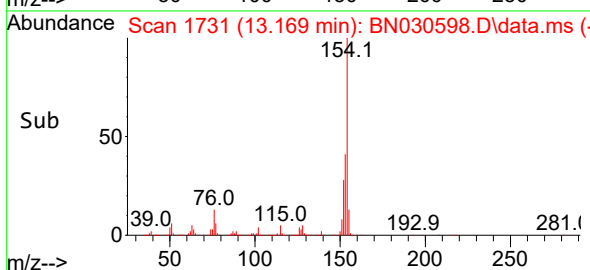
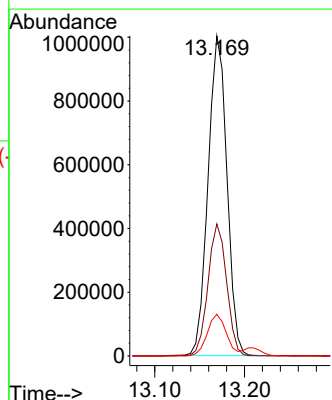
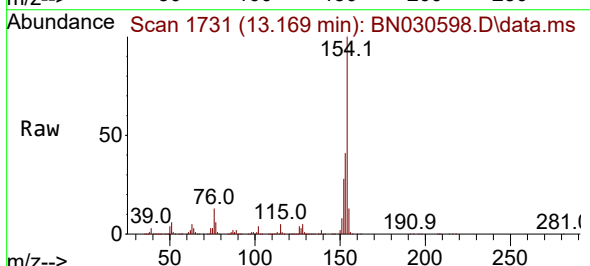
Tgt Ion:154 Resp: 1466866

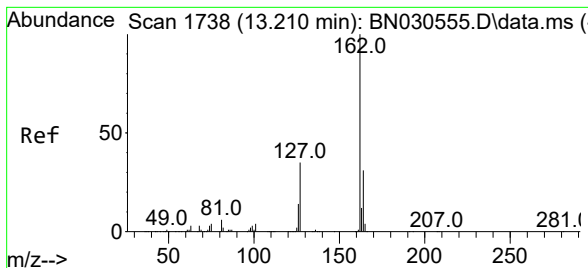
Ion Ratio Lower Upper

154 100

153 41.3 31.5 47.3

76 13.0 9.8 14.6





#44

2-Chloronaphthalene

Concen: 31.239 ng/ul

RT: 13.210 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

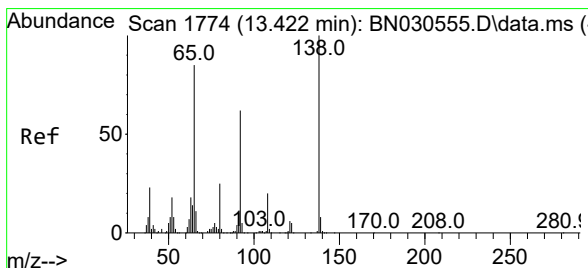
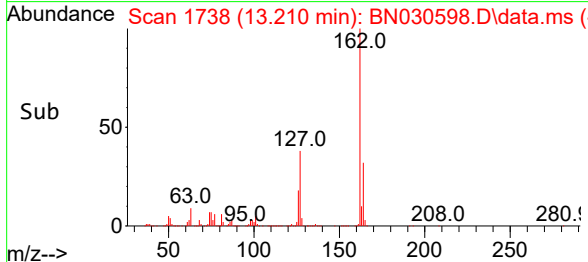
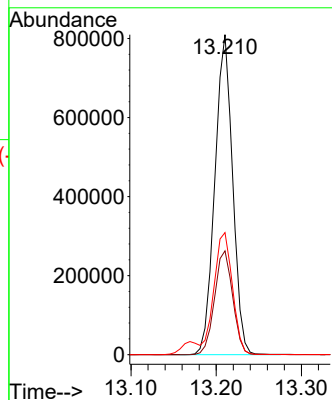
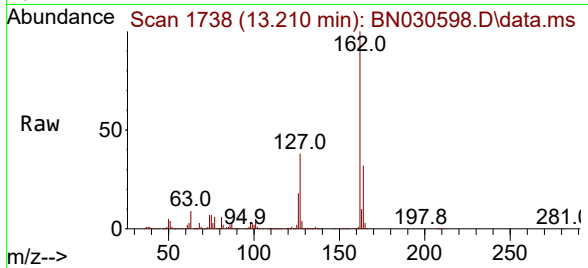
Tgt Ion:162 Resp: 1177622

Ion Ratio Lower Upper

162 100

164 32.5 25.7 38.5

127 38.2 32.2 48.2



#45

2-Nitroaniline

Concen: 33.298 ng/ul

RT: 13.422 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

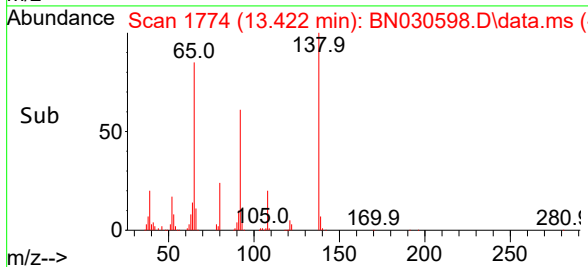
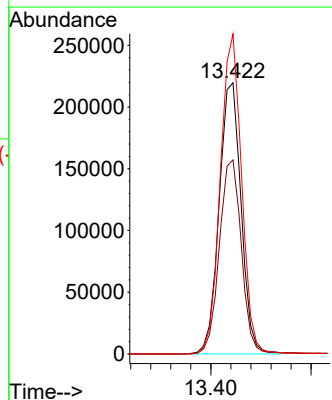
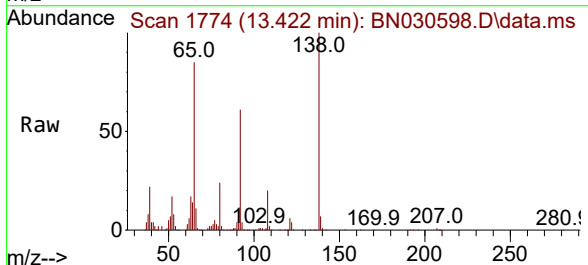
Tgt Ion: 65 Resp: 334053

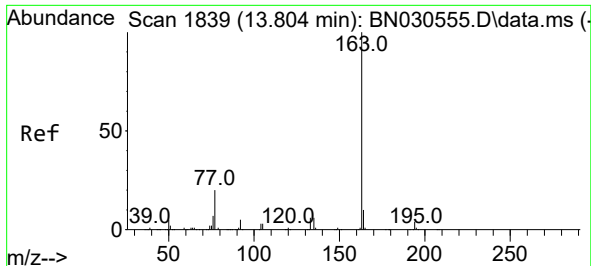
Ion Ratio Lower Upper

65 100

92 71.6 57.7 86.5

138 118.0 90.6 135.8

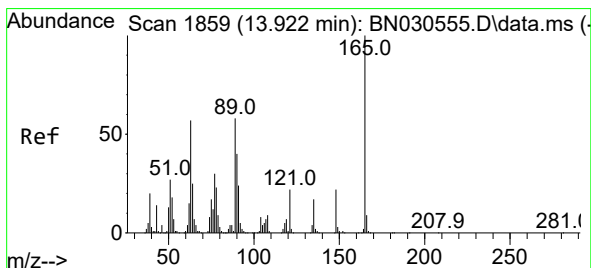
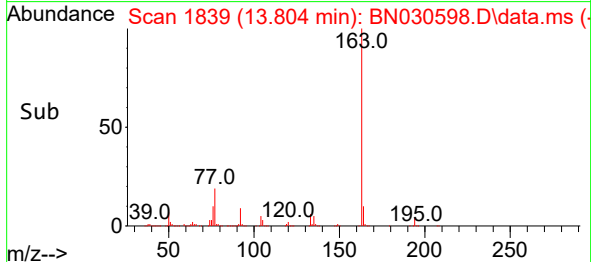
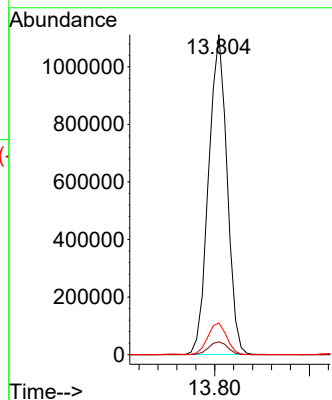
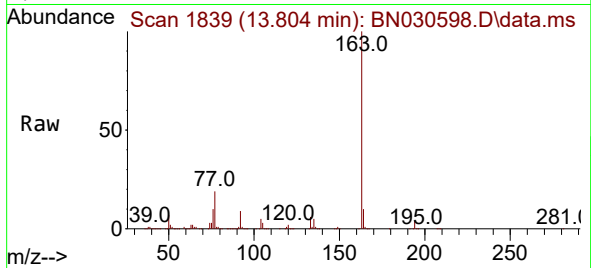




#47
Dimethylphthalate
Concen: 31.031 ng/ul
RT: 13.804 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

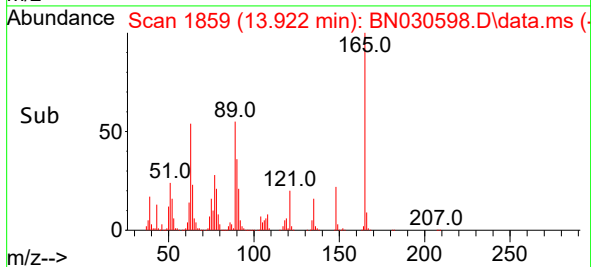
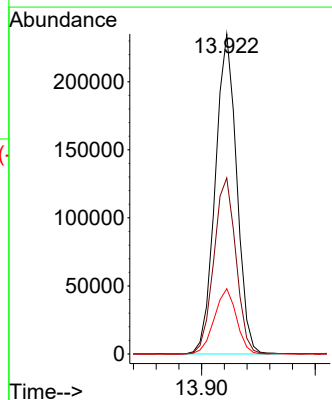
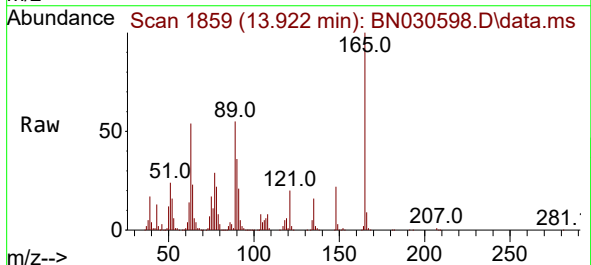
Instrument :
BNA_M
ClientSampleId :
SLCS926

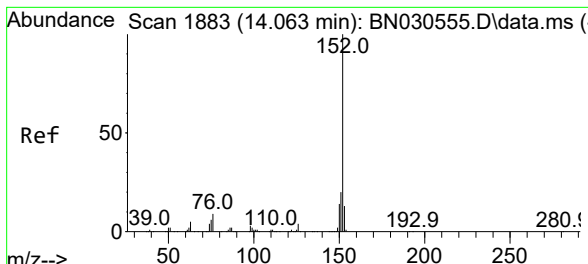
Tgt Ion:163 Resp: 1503596
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 34.277 ng/ul
RT: 13.922 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:165 Resp: 307941
Ion Ratio Lower Upper
165 100
89 55.0 43.5 65.3
121 20.4 15.7 23.5



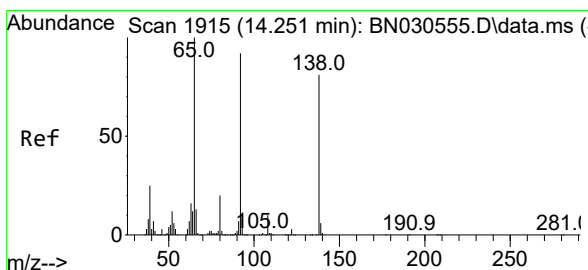
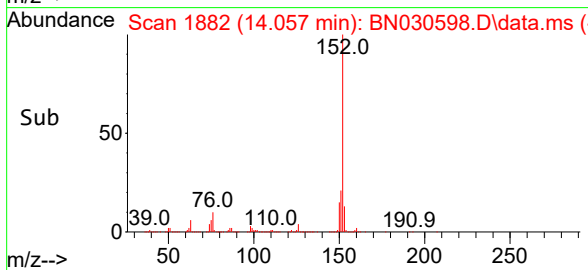
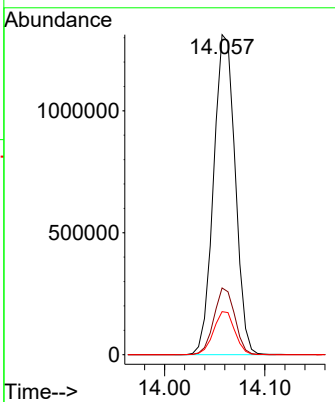
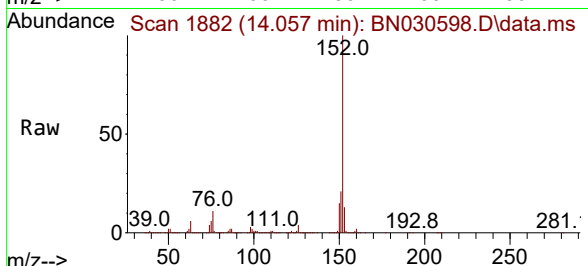


#50
 Acenaphthylene
 Concen: 31.514 ng/ul
 RT: 14.057 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Instrument : BNA_M
 ClientSampleId : SLCS926

Tgt Ion:152 Resp: 1963805

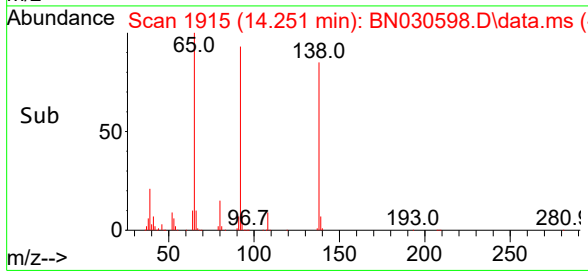
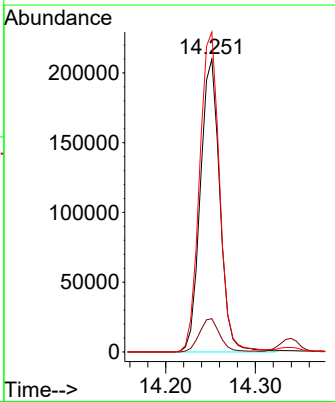
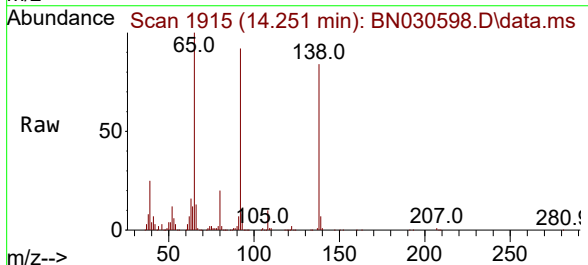
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	13.4	10.7	16.1

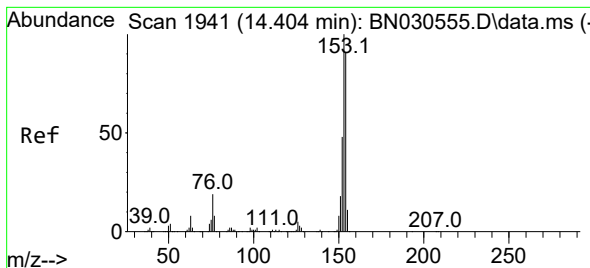


#51
 3-Nitroaniline
 Concen: 33.151 ng/ul
 RT: 14.251 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Tgt Ion:138 Resp: 316120

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.6	14.4
92	109.3	89.6	134.4





#52

Acenaphthene

Concen: 30.928 ng/ul

RT: 14.404 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

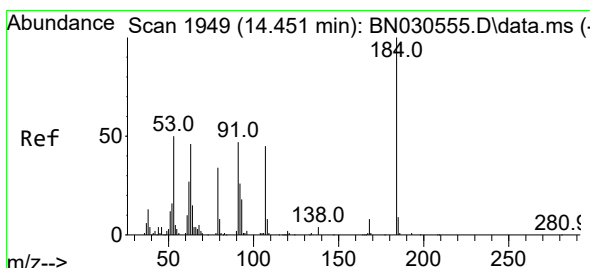
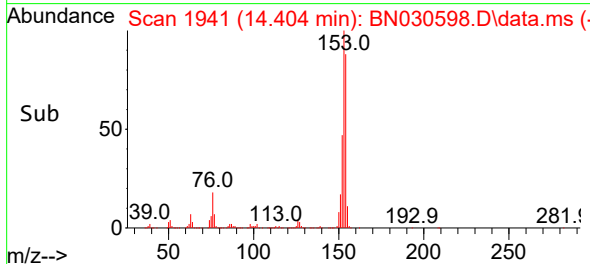
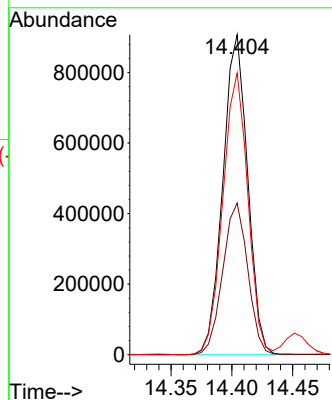
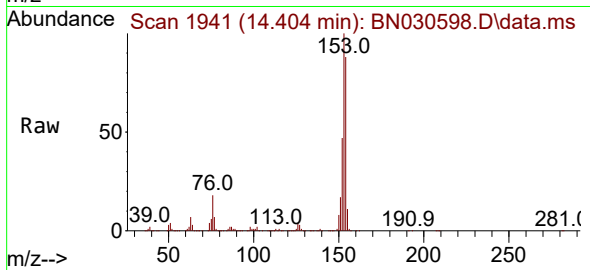
Tgt Ion:153 Resp: 1284335

Ion Ratio Lower Upper

153 100

152 47.3 37.6 56.4

154 88.0 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 30.645 ng/ul

RT: 14.451 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

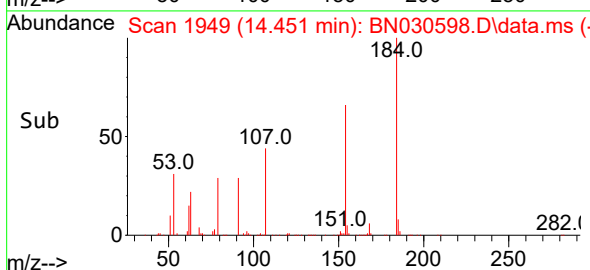
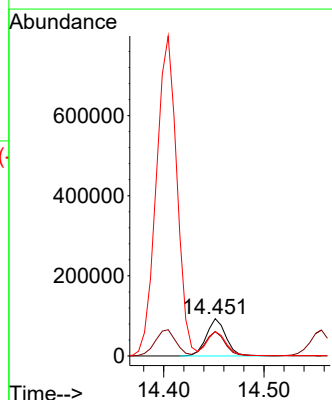
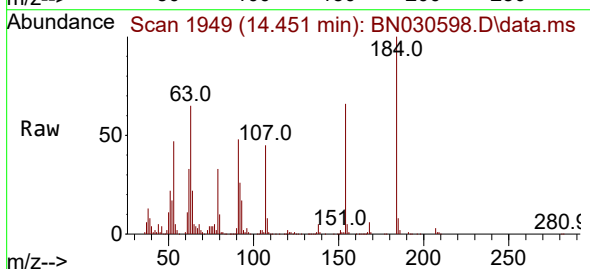
Tgt Ion:184 Resp: 126452

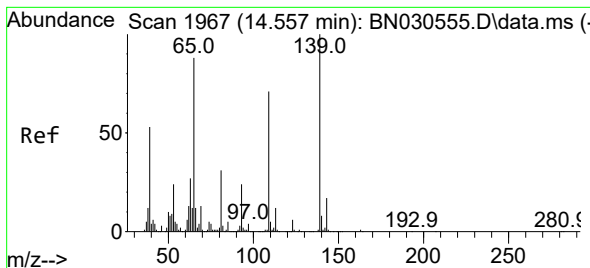
Ion Ratio Lower Upper

184 100

63 65.2 49.9 74.9

154 65.9 49.5 74.3

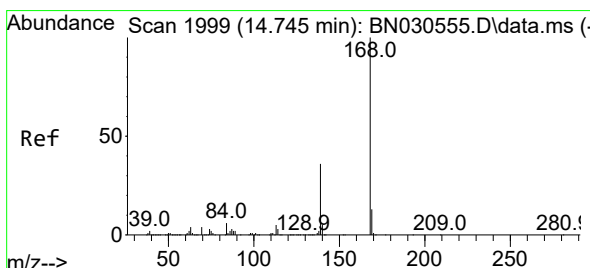
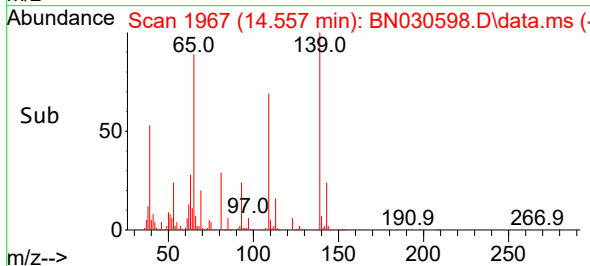
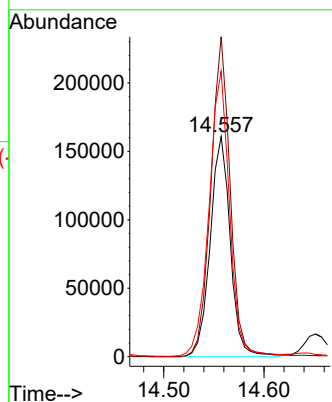
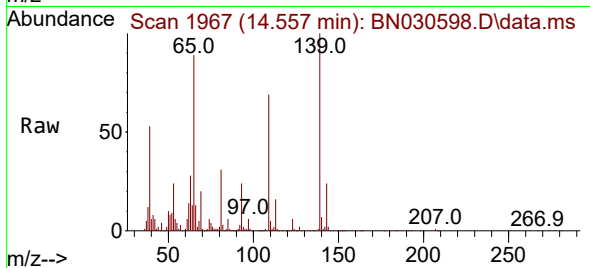




#55
4-Nitrophenol
Concen: 31.387 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

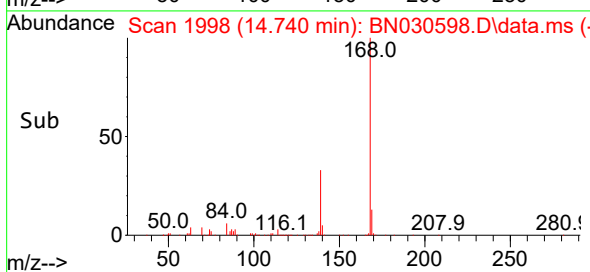
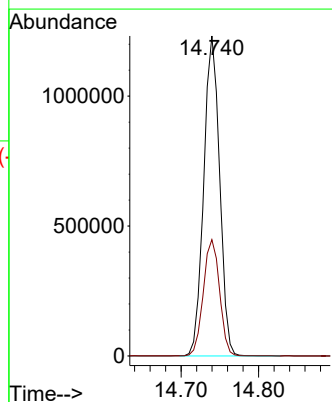
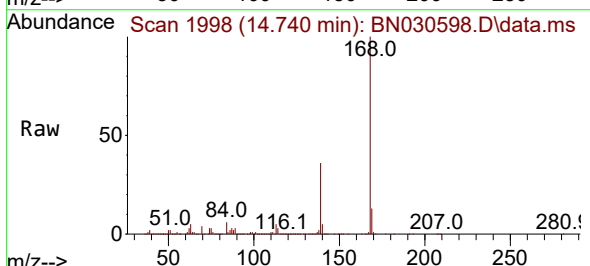
Instrument :
BNA_M
ClientSampleId :
SLCS926

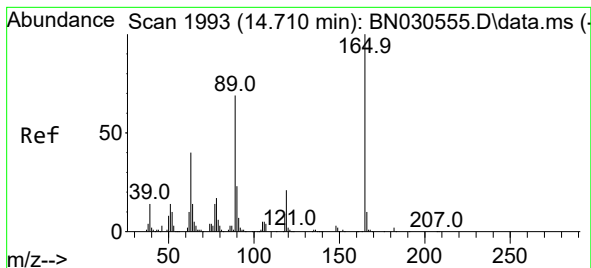
Tgt Ion:109 Resp: 223117
Ion Ratio Lower Upper
109 100
139 145.3 111.8 167.6
65 129.7 98.7 148.1



#56
Dibenzofuran
Concen: 30.362 ng/ul
RT: 14.740 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:168 Resp: 1752637
Ion Ratio Lower Upper
168 100
139 36.4 30.2 45.4





#57

2,4-Dinitrotoluene

Concen: 33.910 ng/ul

RT: 14.704 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

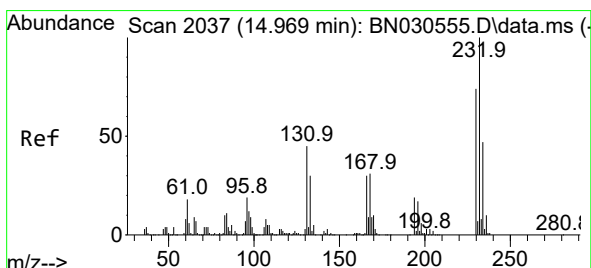
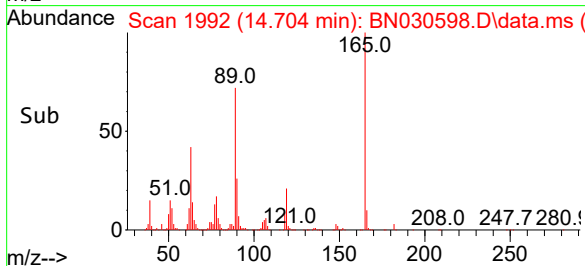
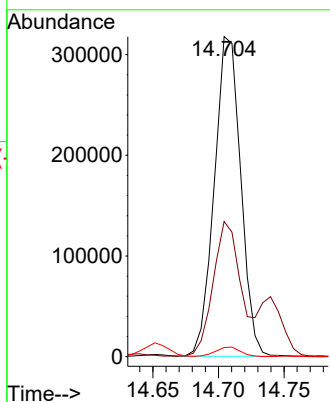
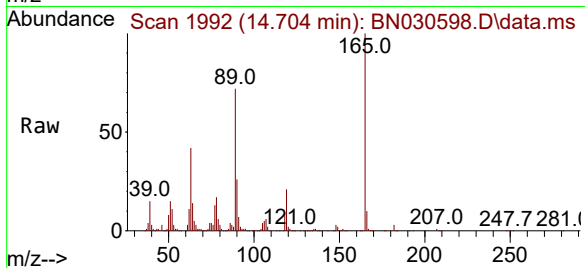
Tgt Ion:165 Resp: 444769

Ion Ratio Lower Upper

165 100

63 42.2 34.7 52.1

182 2.9 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.819 ng/ul

RT: 14.963 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Tgt Ion:232 Resp: 348756

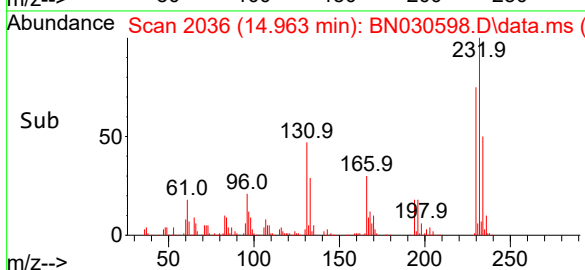
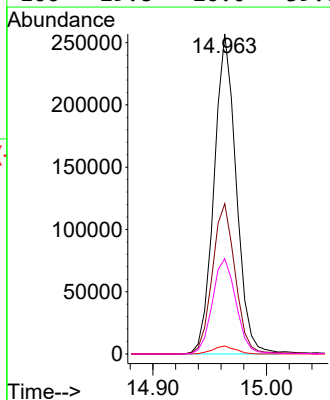
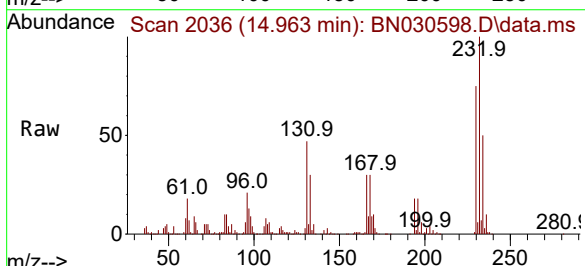
Ion Ratio Lower Upper

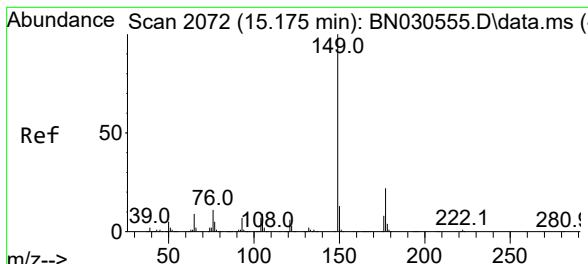
232 100

131 47.0 36.6 55.0

130 2.5 2.2 3.2

166 29.8 26.0 39.0



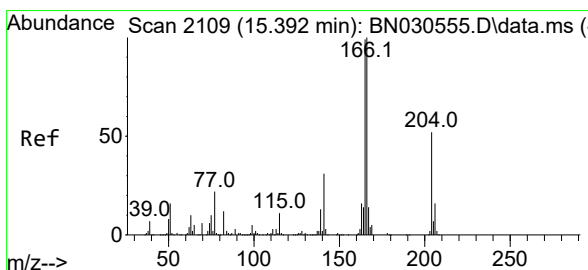
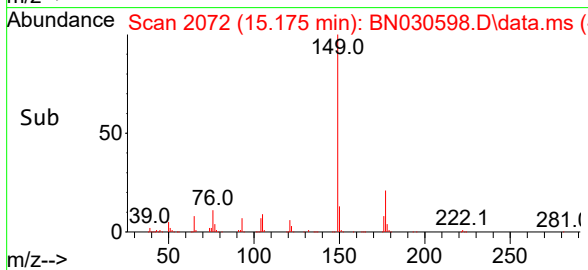
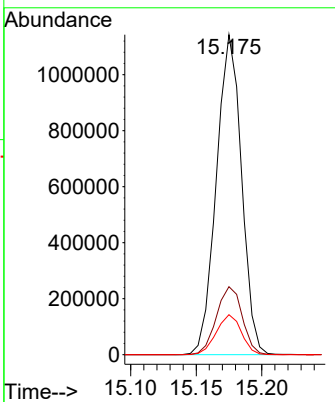
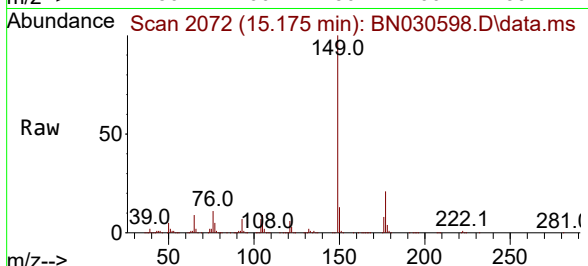


#59
 Diethylphthalate
 Concen: 30.947 ng/ul
 RT: 15.175 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SLCS926

Tgt Ion:149 Resp: 1523379

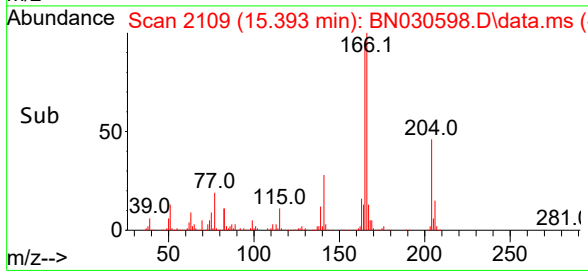
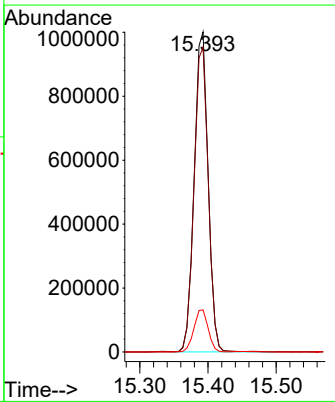
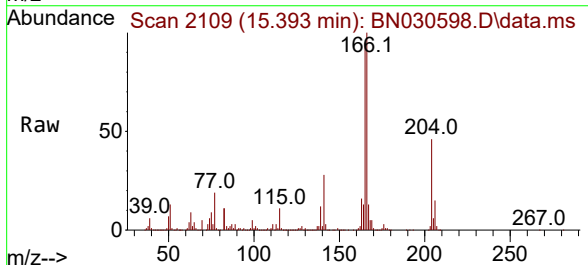
Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.5	9.8	14.8

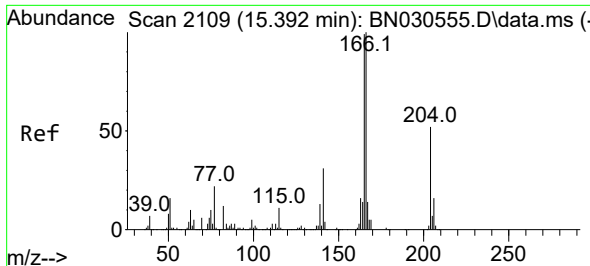


#61
 Fluorene
 Concen: 30.984 ng/ul
 RT: 15.393 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Tgt Ion:166 Resp: 1421635

Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.2	117.4
167	13.1	11.0	16.4

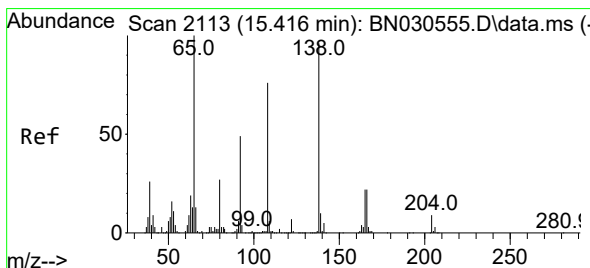
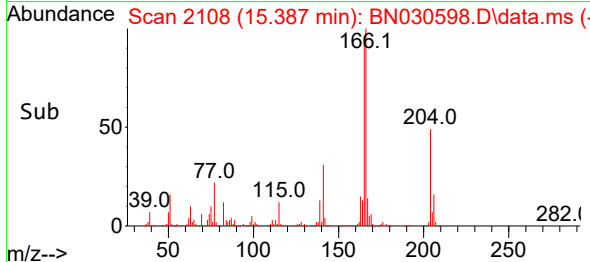
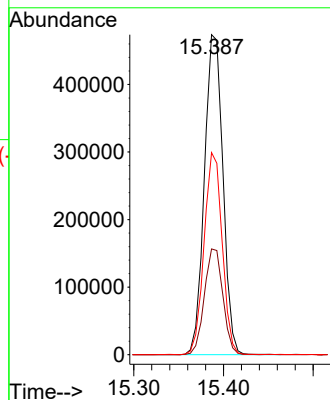
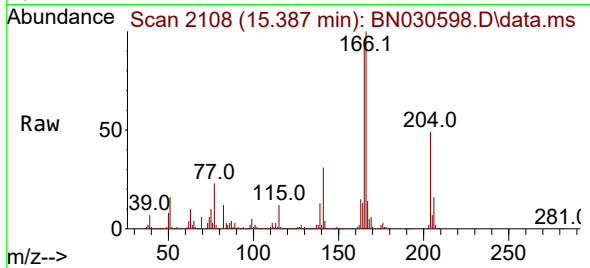




#62
4-Chlorophenyl-phenylether
Concen: 30.202 ng/ul
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

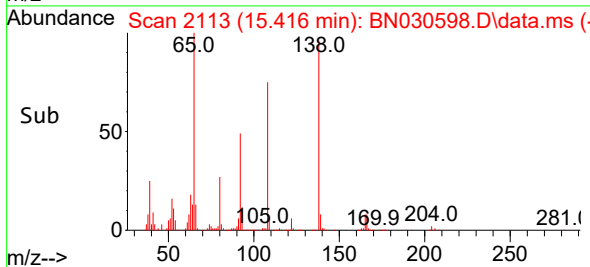
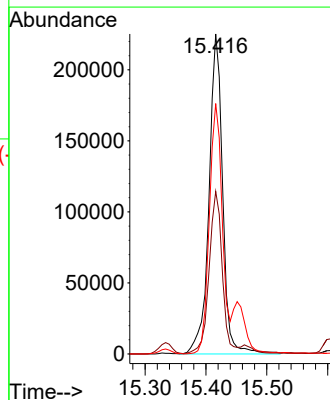
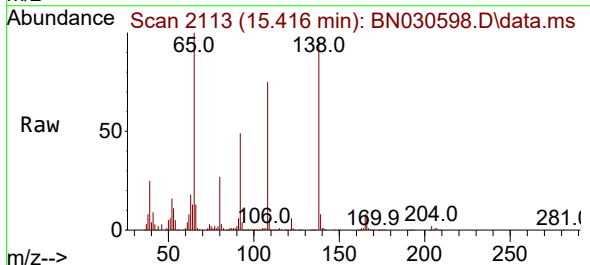
Instrument :
BNA_M
ClientSampleId :
SLCS926

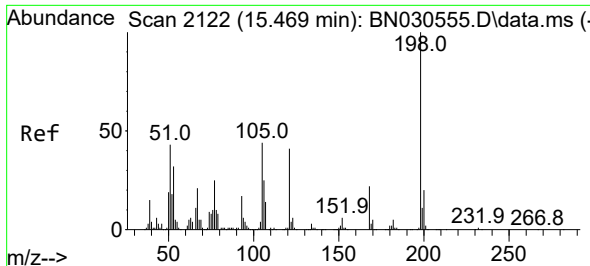
Tgt Ion:204 Resp: 679872
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 63.1 49.1 73.7



#63
4-Nitroaniline
Concen: 38.004 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:138 Resp: 352314
Ion Ratio Lower Upper
138 100
92 50.8 39.7 59.5
108 78.2 62.6 94.0

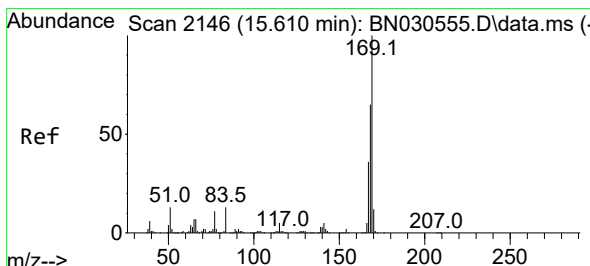
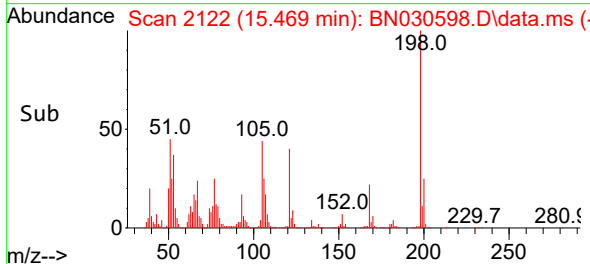
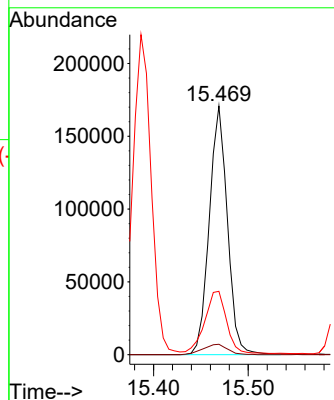
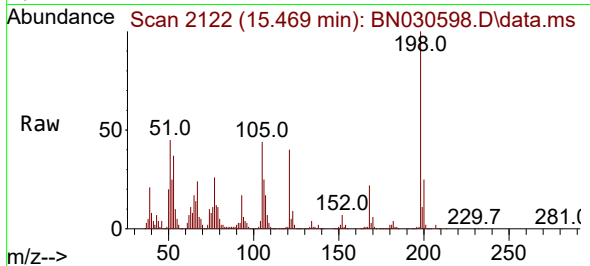




#66
4,6-Dinitro-2-methylphenol
Concen: 32.902 ng/ul
RT: 15.469 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

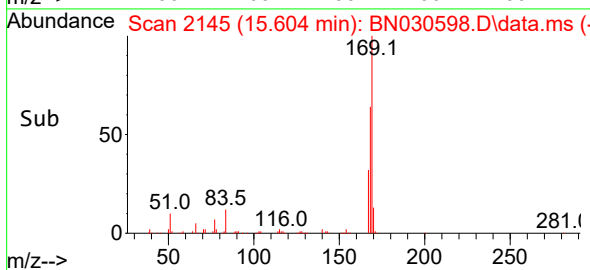
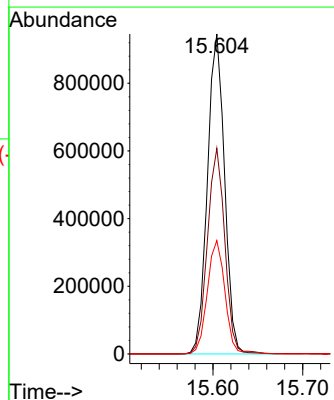
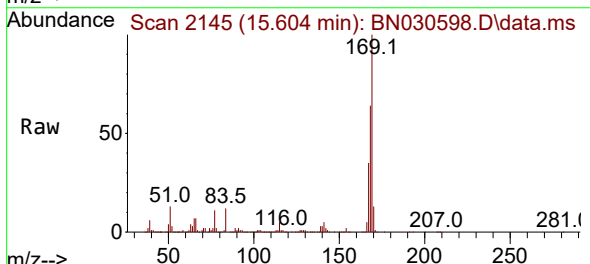
Instrument :
BNA_M
ClientSampleId :
SLCS926

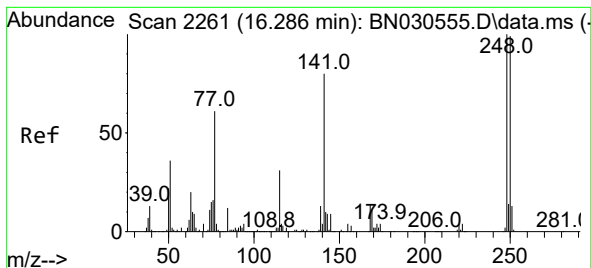
Tgt Ion:198 Resp: 226918
Ion Ratio Lower Upper
198 100
182 4.2 3.6 5.4
77 25.5 22.2 33.4



#67
N-Nitrosodiphenylamine
Concen: 31.709 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:169 Resp: 1255766
Ion Ratio Lower Upper
169 100
168 64.2 51.9 77.9
167 35.4 29.0 43.4

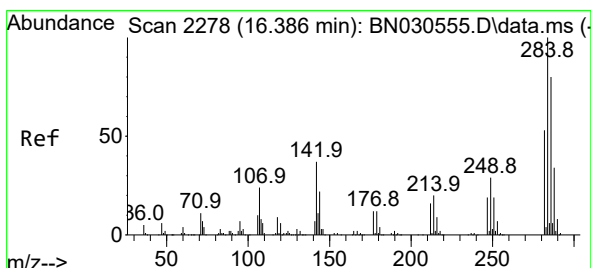
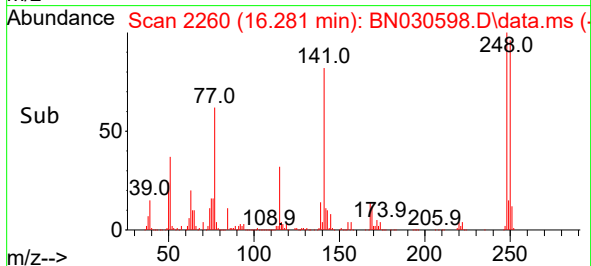
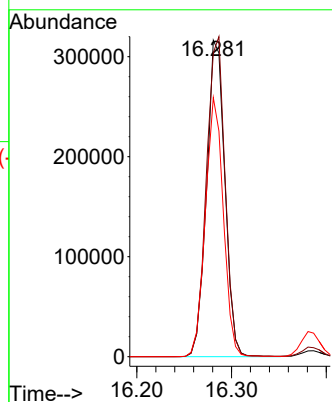
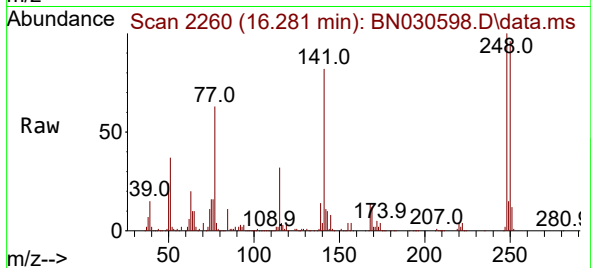




#68
4-Bromophenyl-phenylether
Concen: 30.718 ng/ul
RT: 16.281 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

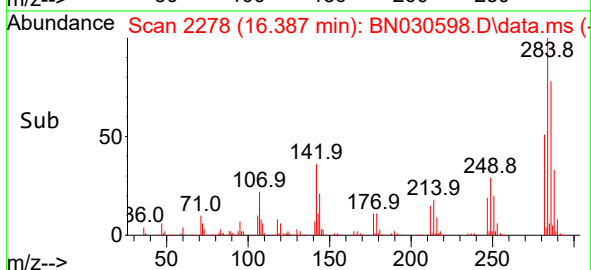
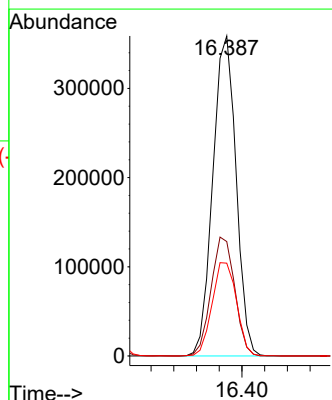
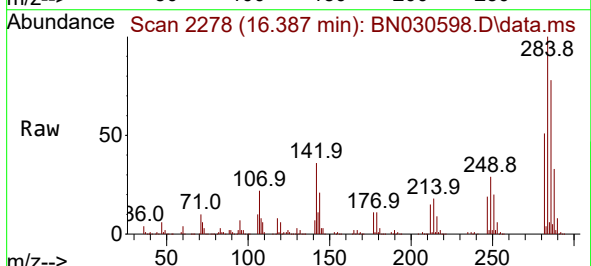
Instrument :
BNA_M
ClientSampleId :
SLCS926

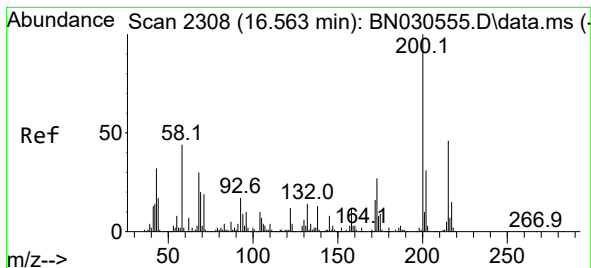
Tgt Ion:248 Resp: 424176
Ion Ratio Lower Upper
248 100
250 96.0 80.0 120.0
141 81.9 60.5 90.7



#69
Hexachlorobenzene
Concen: 31.419 ng/ul
RT: 16.387 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:284 Resp: 510878
Ion Ratio Lower Upper
284 100
142 35.7 28.6 43.0
249 29.0 25.0 37.4





#70

Atrazine

Concen: 21.054 ng/ul

RT: 16.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

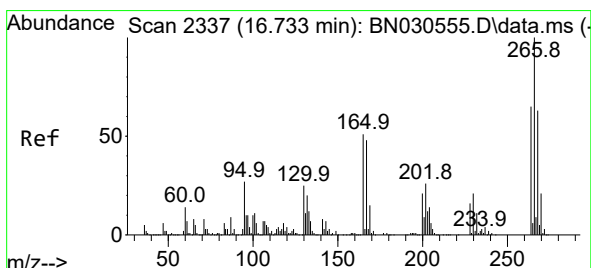
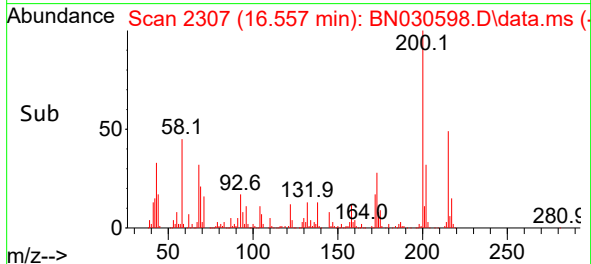
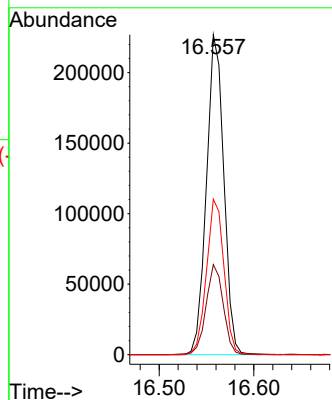
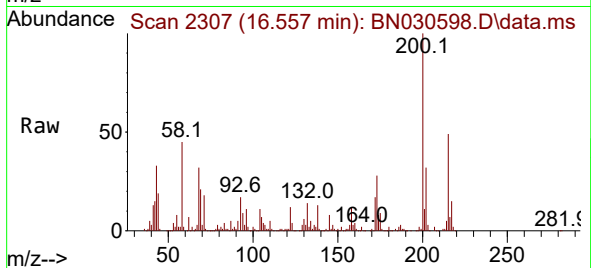
Tgt Ion:200 Resp: 288993

Ion Ratio Lower Upper

200 100

173 28.1 21.5 32.3

215 48.6 37.8 56.8



#71

Pentachlorophenol

Concen: 32.444 ng/ul

RT: 16.734 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

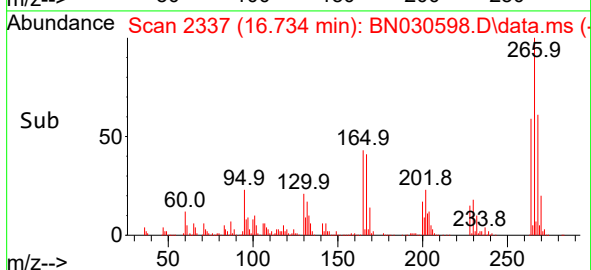
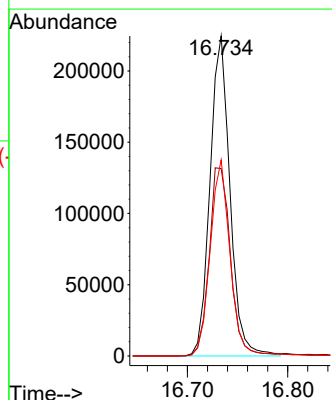
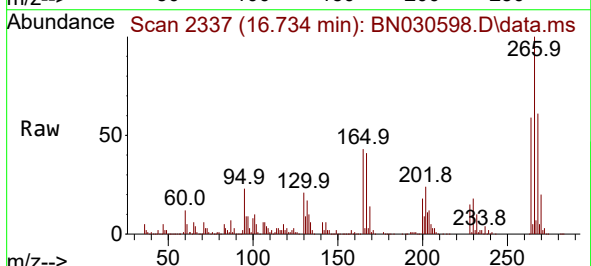
Tgt Ion:266 Resp: 311043

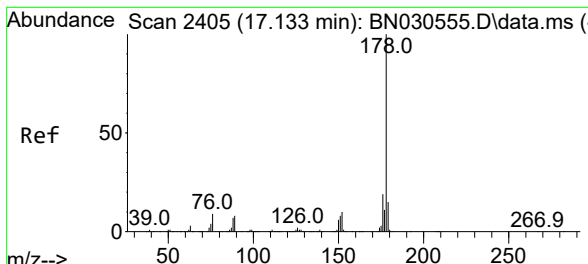
Ion Ratio Lower Upper

266 100

264 58.5 51.0 76.6

268 61.3 52.5 78.7



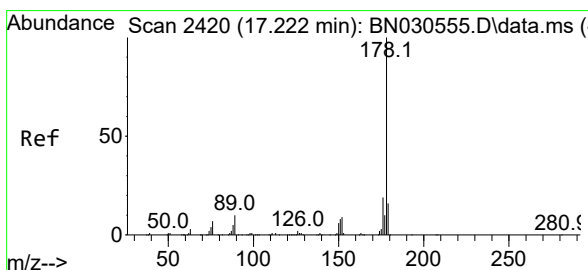
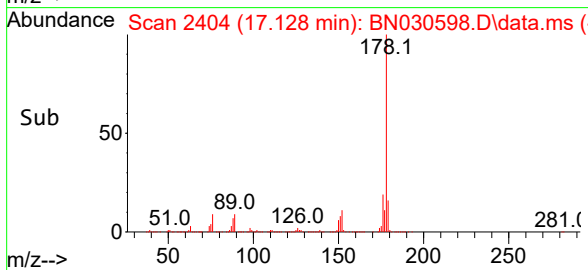
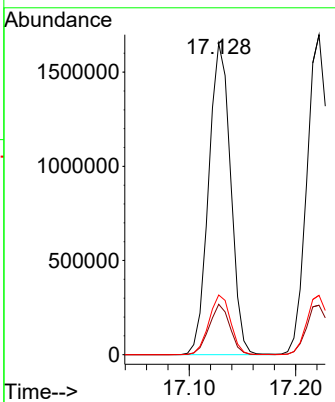
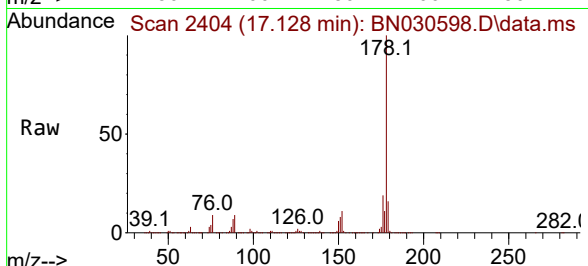


#72
 Phenanthrene
 Concen: 31.620 ng/ul
 RT: 17.128 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SLCS926

Tgt Ion:178 Resp: 2362392

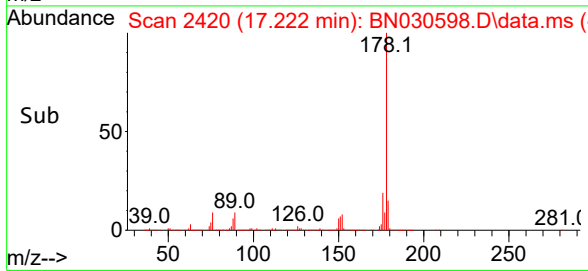
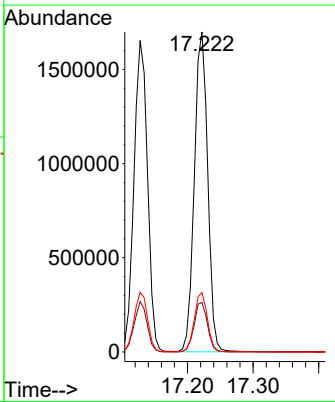
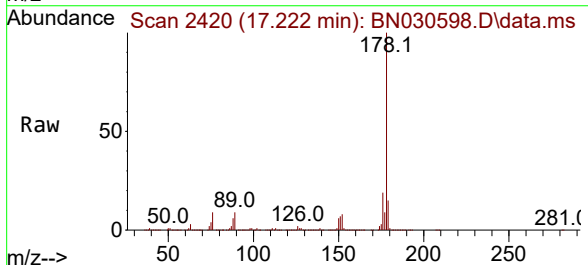
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.2	15.0	22.6

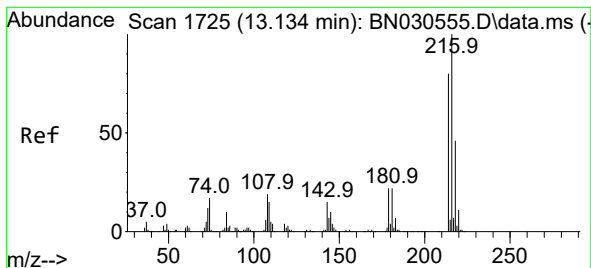


#74
 Anthracene
 Concen: 31.875 ng/ul
 RT: 17.222 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Tgt Ion:178 Resp: 2407465

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	18.5	15.0	22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.407 ng/uL

RT: 13.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

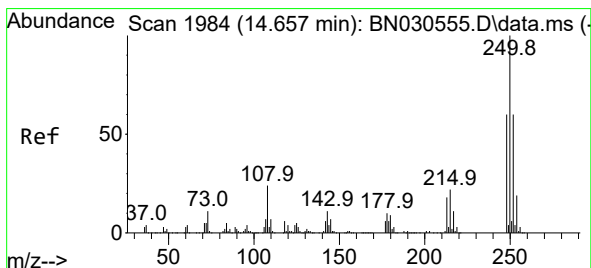
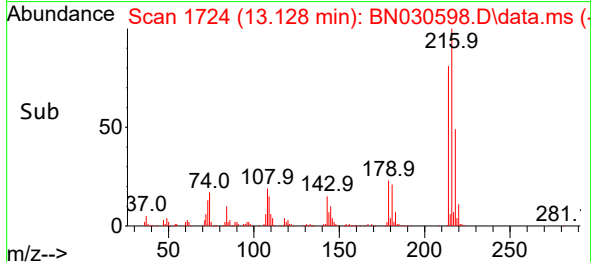
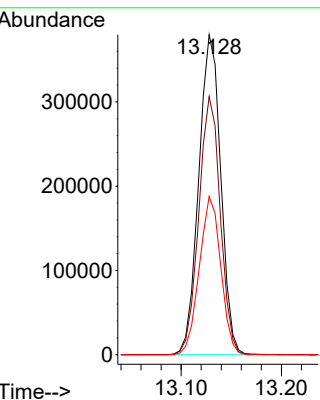
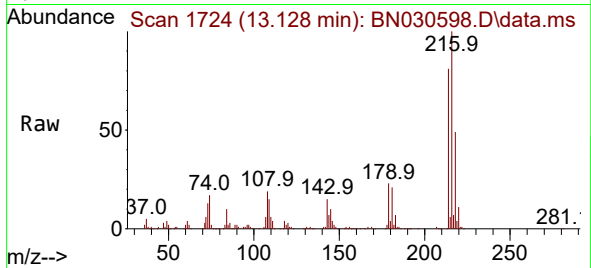
Tgt Ion:216 Resp: 578955

Ion Ratio Lower Upper

216 100

214 80.6 63.1 94.7

218 49.4 39.5 59.3



#76

Pentachlorobenzene

Concen: 30.787 ng/uL

RT: 14.651 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

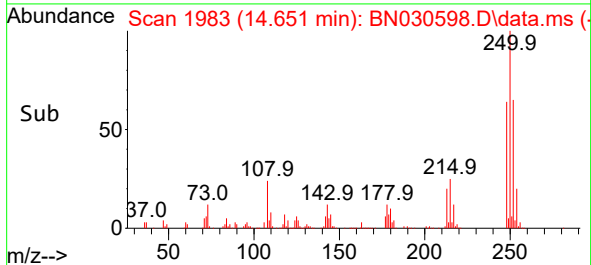
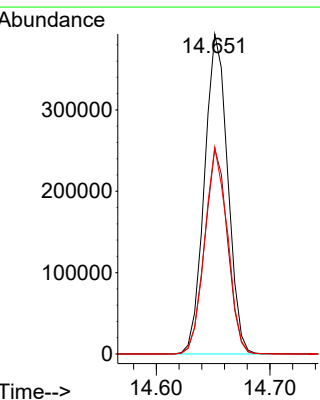
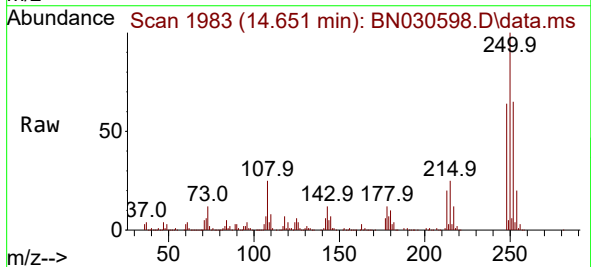
Tgt Ion:250 Resp: 558659

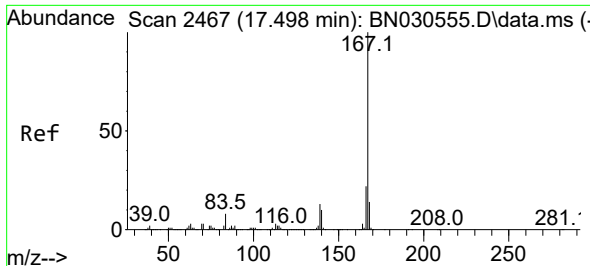
Ion Ratio Lower Upper

250 100

248 64.2 45.8 68.6

252 64.7 48.7 73.1

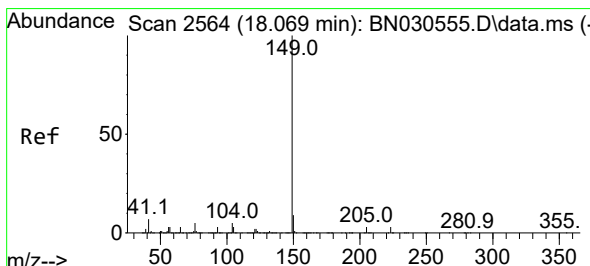
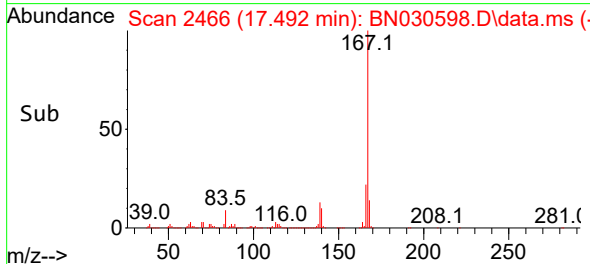
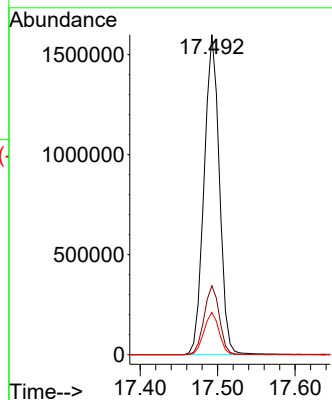
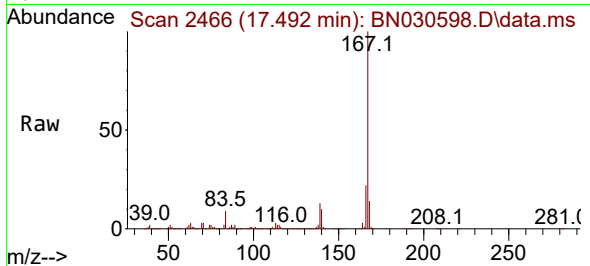




#77
 Carbazole
 Concen: 33.123 ng/ul
 RT: 17.492 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

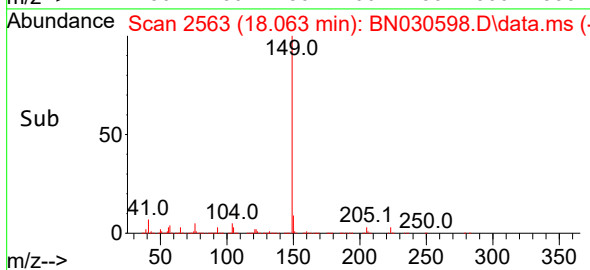
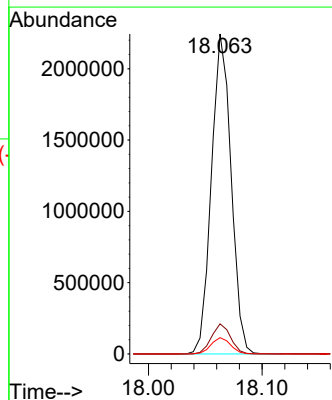
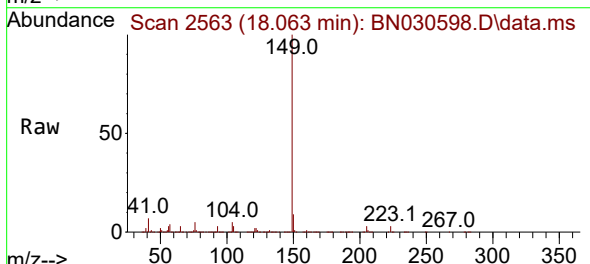
Instrument :
 BNA_M
 ClientSampleId :
 SLCS926

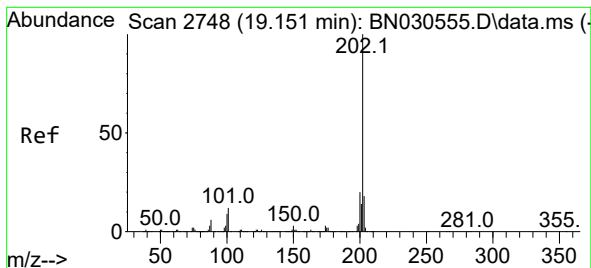
Tgt Ion:167 Resp: 2193930
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.6 24.8
 139 13.2 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 33.475 ng/ul
 RT: 18.063 min Scan# 2563
 Delta R.T. -0.006 min
 Lab File: BN030598.D
 Acq: 01 Apr 2024 20:57

Tgt Ion:149 Resp: 2704883
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.1 4.1 6.1





#80

Fluoranthene

Concen: 30.988 ng/ul

RT: 19.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

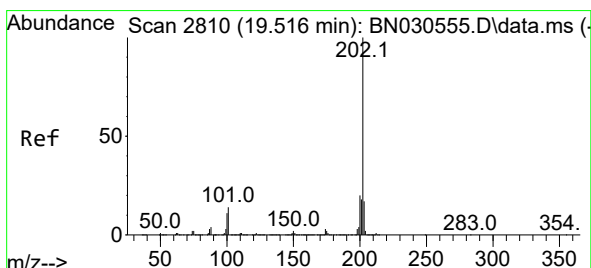
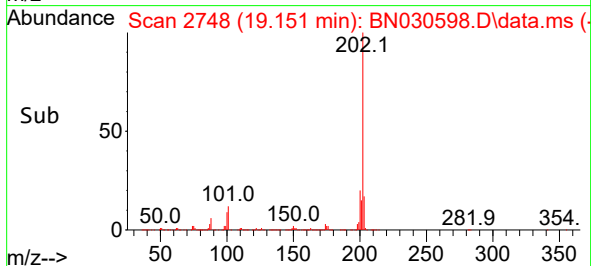
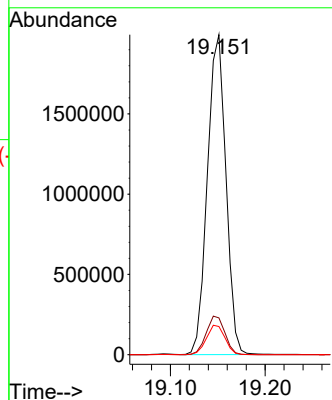
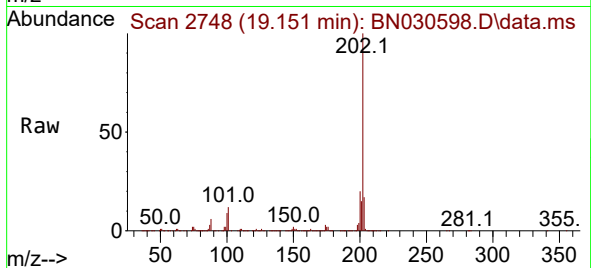
Tgt Ion:202 Resp: 2701958

Ion Ratio Lower Upper

202 100

101 11.5 9.0 13.6

100 8.8 6.8 10.2



#82

Pyrene

Concen: 31.037 ng/ul

RT: 19.516 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

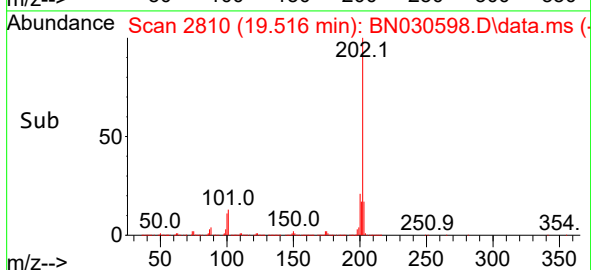
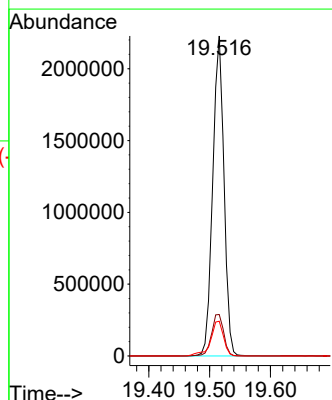
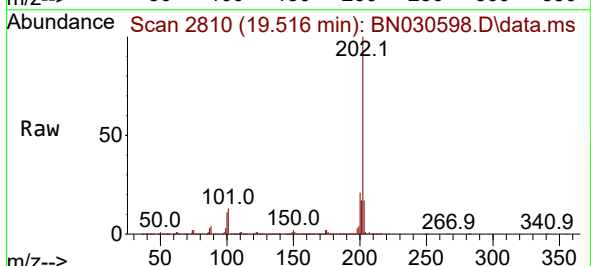
Tgt Ion:202 Resp: 2858064

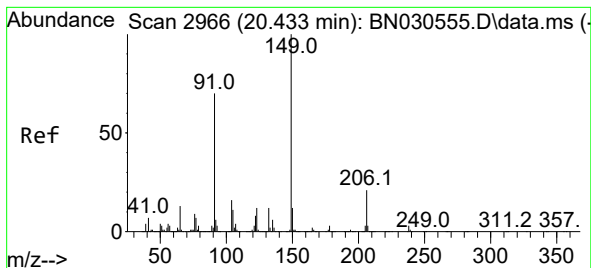
Ion Ratio Lower Upper

202 100

101 13.0 11.3 16.9

100 10.9 9.2 13.8





#83

Butylbenzylphthalate

Concen: 35.316 ng/ul

RT: 20.428 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

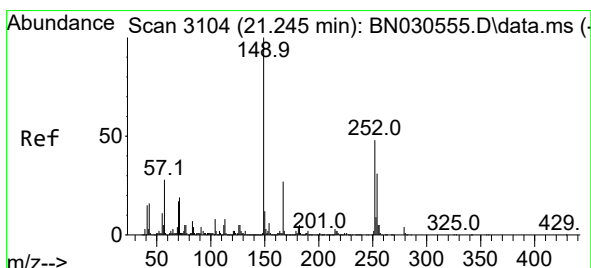
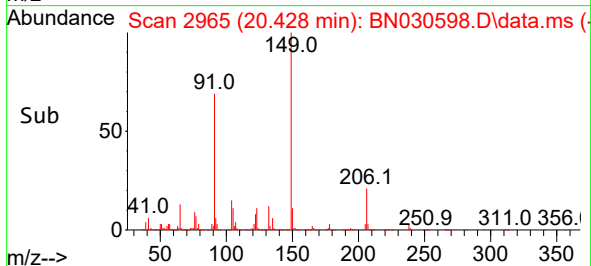
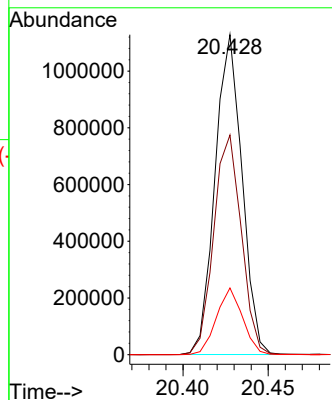
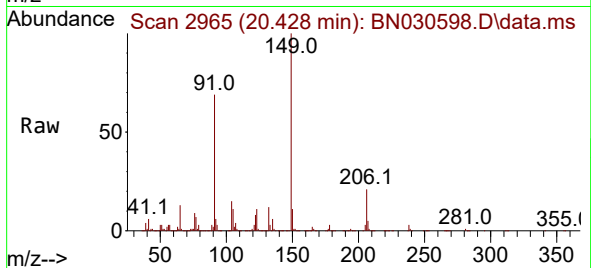
Tgt Ion:149 Resp: 1241931

Ion Ratio Lower Upper

149 100

91 68.7 58.2 87.2

206 20.8 15.4 23.0



#84

3,3'-Dichlorobenzidine

Concen: 35.727 ng/ul

RT: 21.233 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

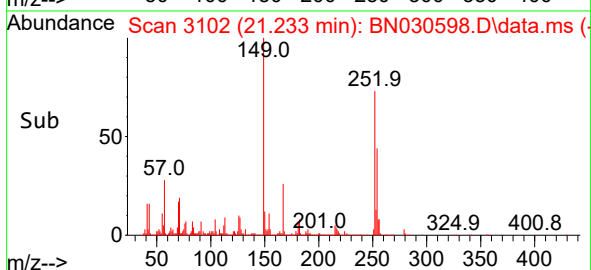
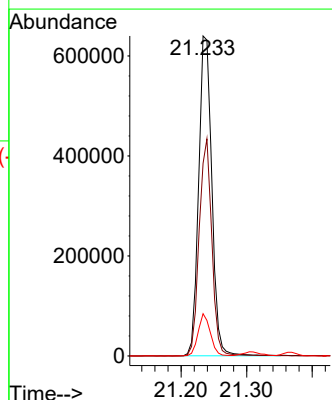
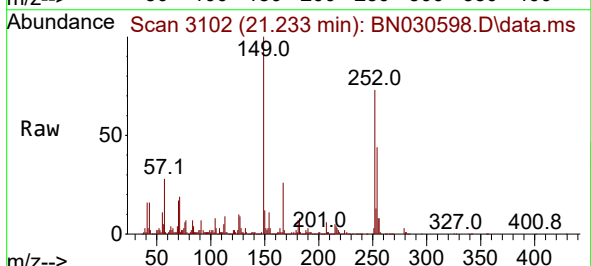
Tgt Ion:252 Resp: 895617

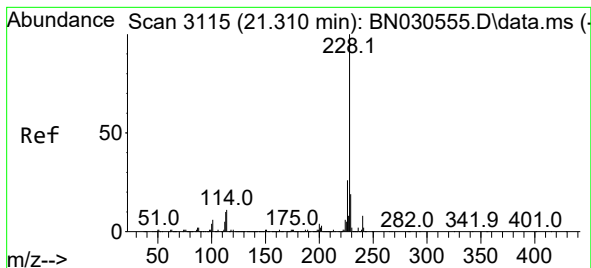
Ion Ratio Lower Upper

252 100

254 60.2 51.1 76.7

126 13.2 9.3 13.9





#85

Benzo(a)anthracene

Concen: 31.754 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

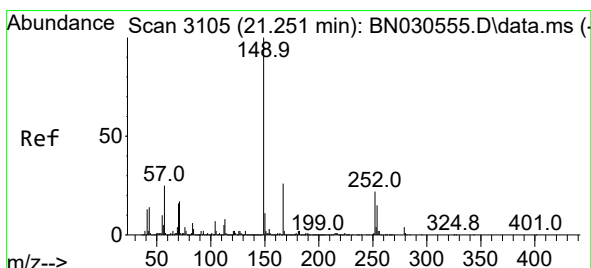
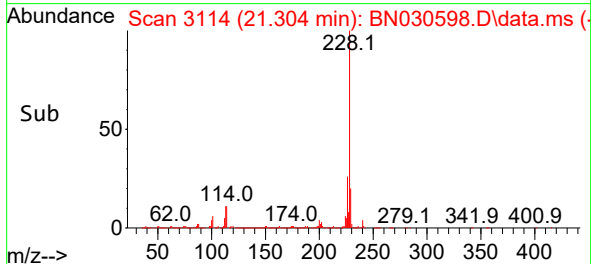
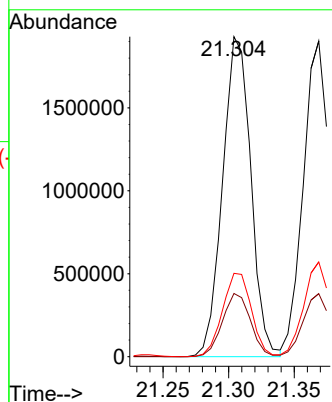
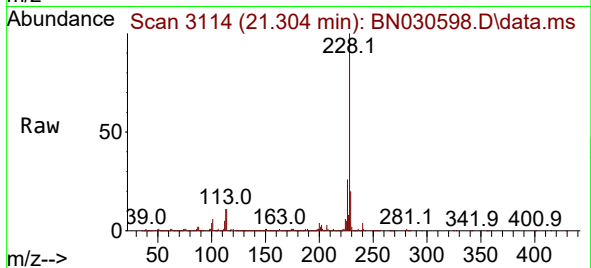
Tgt Ion:228 Resp: 2891230

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 26.1 20.5 30.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.524 ng/ul

RT: 21.239 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

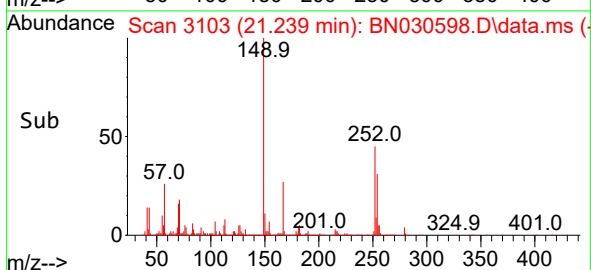
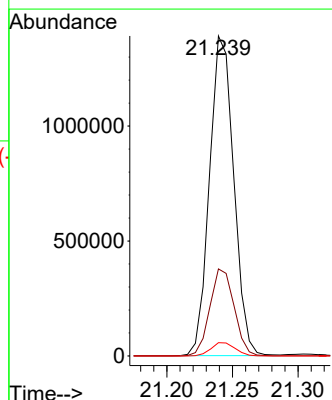
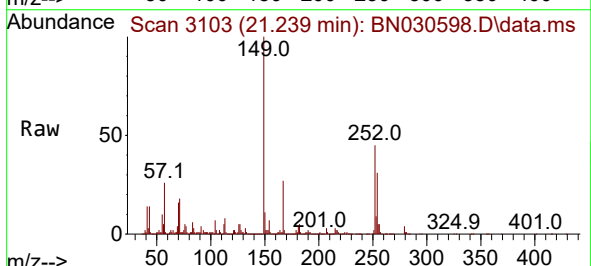
Tgt Ion:149 Resp: 1790472

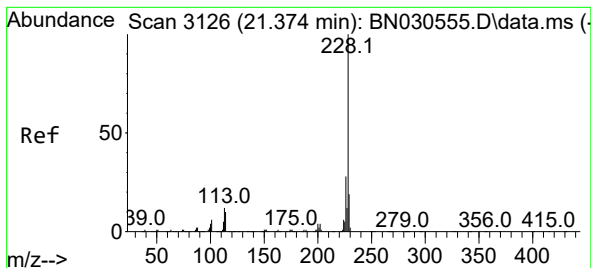
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.2 3.5 5.3





#87

Chrysene

Concen: 31.320 ng/ul

RT: 21.369 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926

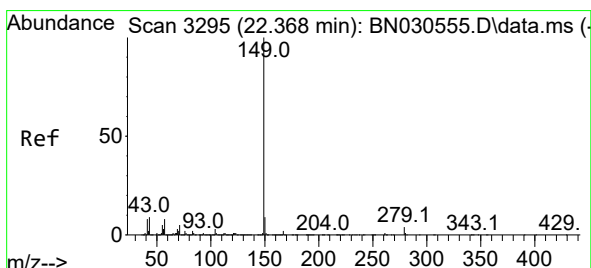
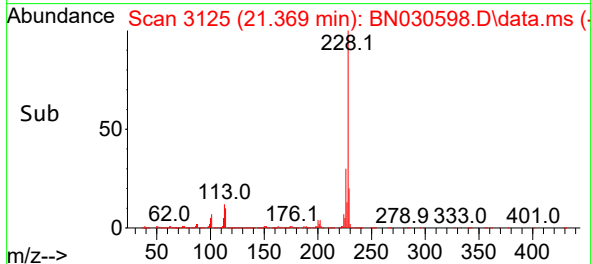
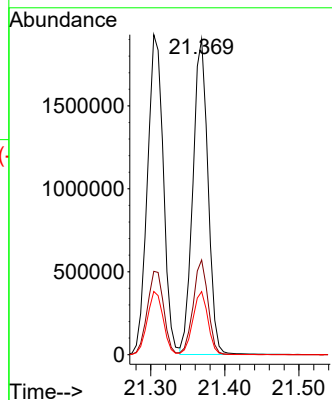
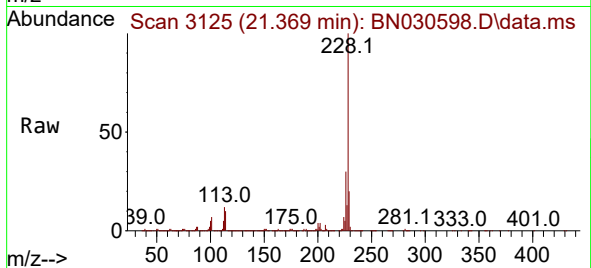
Tgt Ion:228 Resp: 2691638

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 20.0 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 34.690 ng/ul

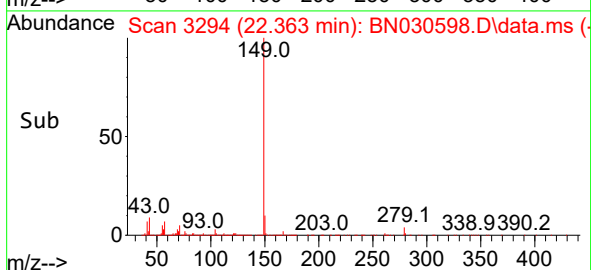
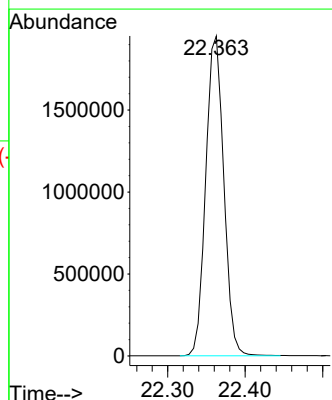
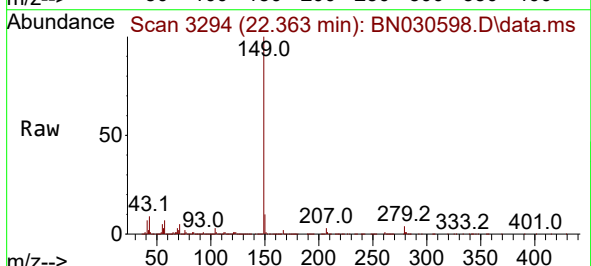
RT: 22.363 min Scan# 3294

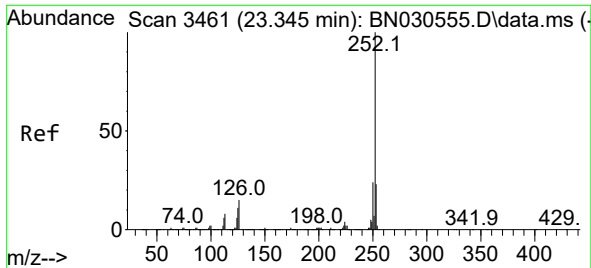
Delta R.T. -0.012 min

Lab File: BN030598.D

Acq: 01 Apr 2024 20:57

Tgt Ion:149 Resp: 3150572

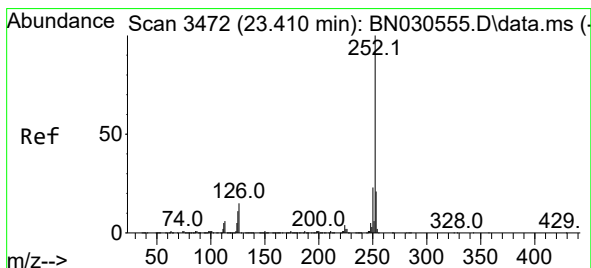
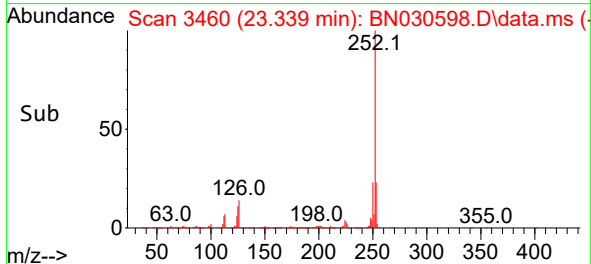
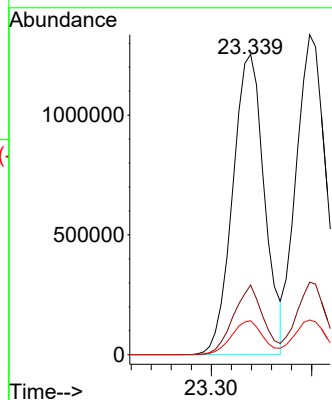
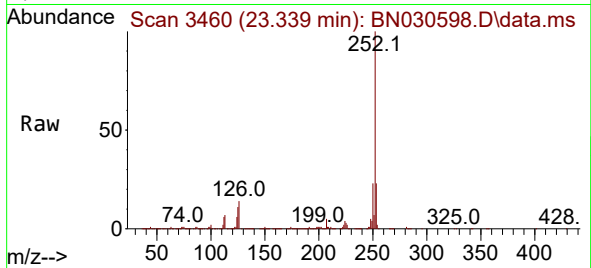




#90
Benzo(b)fluoranthene
Concen: 32.741 ng/ul
RT: 23.339 min Scan# 3460
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

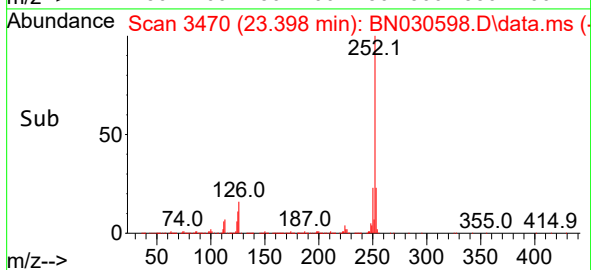
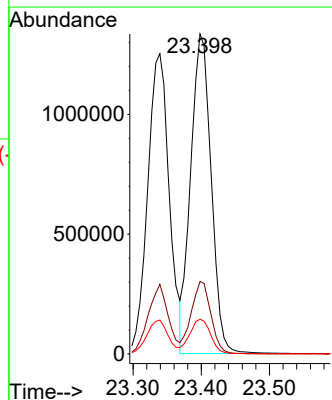
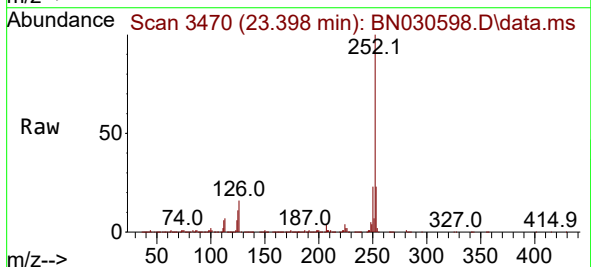
Instrument :
BNA_M
ClientSampleId :
SLCS926

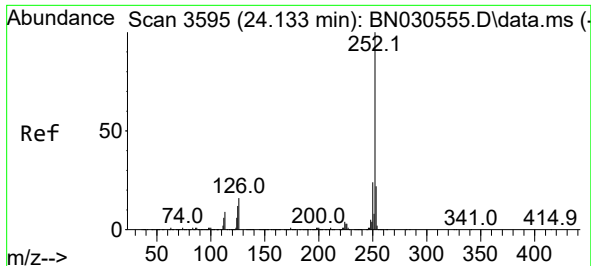
Tgt Ion:252 Resp: 2763413
Ion Ratio Lower Upper
252 100
253 23.2 16.7 25.1
125 11.3 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 32.308 ng/ul
RT: 23.398 min Scan# 3470
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:252 Resp: 2769324
Ion Ratio Lower Upper
252 100
253 22.6 16.9 25.3
125 10.9 8.5 12.7

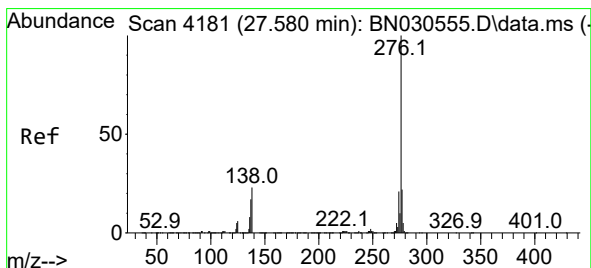
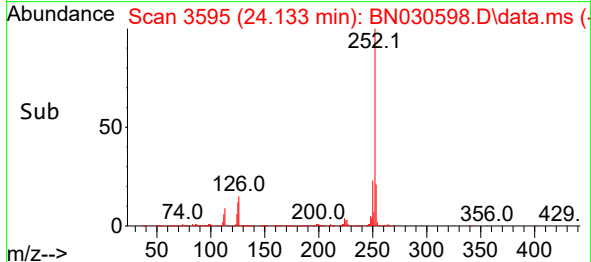
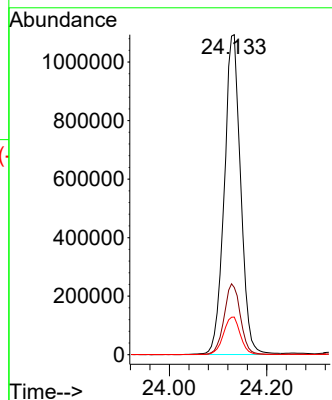
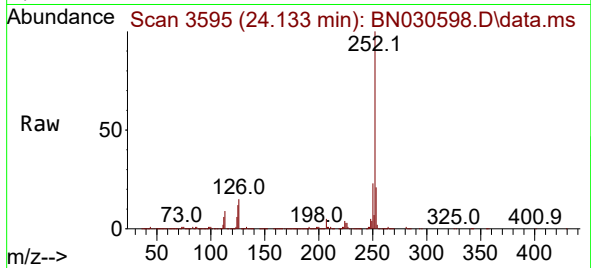




#93
Benzo(a)pyrene
Concen: 32.139 ng/ul
RT: 24.133 min Scan# 3595
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

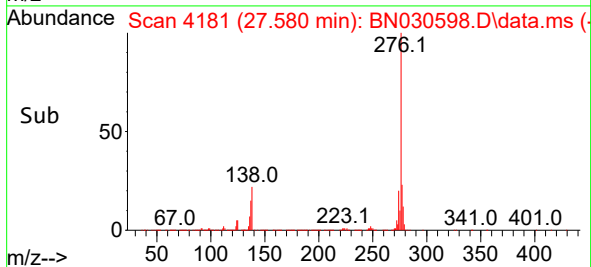
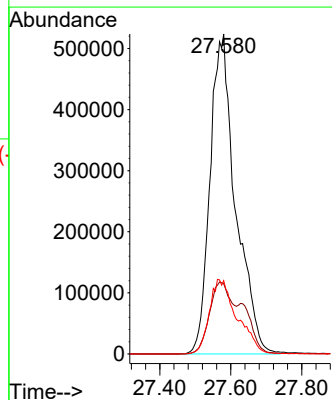
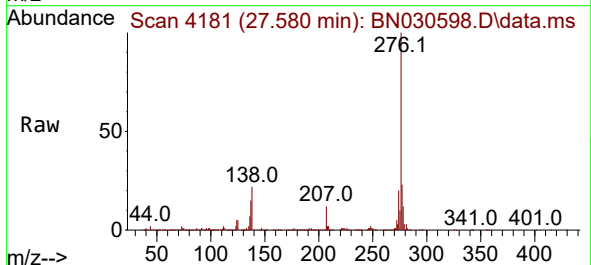
Instrument :
BNA_M
ClientSampleId :
SLCS926

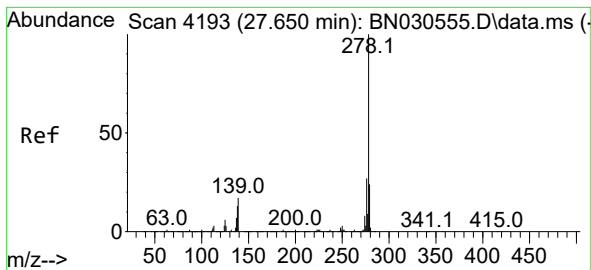
Tgt Ion:252 Resp: 2562471
Ion Ratio Lower Upper
252 100
253 21.0 16.7 25.1
125 11.7 9.6 14.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 30.399 ng/ul
RT: 27.580 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BN030598.D
Acq: 01 Apr 2024 20:57

Tgt Ion:276 Resp: 2619979
Ion Ratio Lower Upper
276 100
138 21.9 17.8 26.8
277 22.9 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 18.244 ng/ul

RT: 27.633 min Scan# 41

Delta R.T. -0.018 min

Lab File: BN030598.D

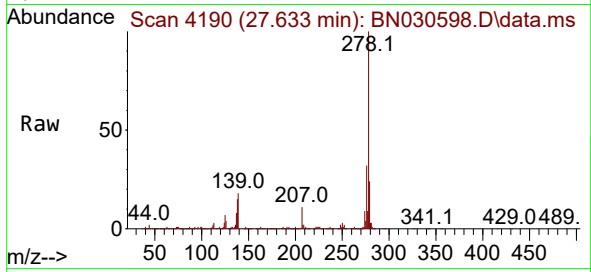
Acq: 01 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SLCS926



Tgt Ion:278 Resp: 1323724

Ion Ratio Lower Upper

278 100

139 18.2 13.2 19.8

279 23.8 17.4 26.2

