

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022648.D
 Acq On : 15 Nov 2022 13:30
 Operator : CG/JU
 Sample : SSTD16046
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160208

Quant Time: Nov 15 13:59:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 12:42:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	85034	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	367461	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	221073	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	452949	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	380767	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	345272	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	151407	66.852	ng/uL	0.00
4) Pyridine-d5	3.623	84	1099282	178.090	ng/ul	0.00
7) Phenol-d5	7.069	99	1272025	164.935	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.222	67	722713	154.811	ng/ul	0.01
11) 2-Chlorophenol-d4	7.416	132	955786	170.340	ng/ul	0.01
15) 4-Methylphenol-d8	8.634	113	985797	162.906	ng/ul	0.02
21) Nitrobenzene-d5	9.075	128	488040	194.938	ng/ul	0.02
24) 2-Nitrophenol-d4	9.799	143	540958	241.913	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.346	165	876262	176.938	ng/ul	0.01
31) 4-Chloroaniline-d4	10.869	131	1251406	148.790	ng/ul	0.02
46) Dimethylphthalate-d6	13.993	166	2499358	165.409	ng/ul	0.02
49) Acenaphthylene-d8	14.269	160	2746951	155.938	ng/ul	0.02
54) 4-Nitrophenol-d4	14.834	143	517042	171.954	ng/ul	0.04
60) Fluorene-d10	15.569	176	1974036	150.140	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.722	200	472632	260.876	ng/ul	0.03
73) Anthracene-d10	17.434	188	2983591	149.473	ng/ul	0.01
81) Pyrene-d10	19.739	212	3247193	179.325	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.827	264	2781220	169.945	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	160076	68.628	ng/uL#	90
5) Pyridine	3.646	79	1079239	173.766	ng/ul	96
6) Benzaldehyde	7.016	77	464659	138.665	ng/ul	98
8) Phenol	7.099	94	1307100	164.010	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.316	93	996049	156.745	ng/ul	97
12) 2-Chlorophenol	7.452	128	1012469	168.194	ng/ul	98
13) 2-Methylphenol	8.352	108	970807	160.324	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	1243744	155.172	ng/ul	97
16) Acetophenone	8.740	105	1470627	153.657	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.758	70	769079	161.382	ng/ul	98
18) 4-Methylphenol	8.710	108	1027410	154.458	ng/ul	98
19) Hexachloroethane	8.963	117	419599	174.882	ng/ul	95
22) Nitrobenzene	9.122	77	1218699	197.537	ng/ul	96
23) Isophorone	9.669	82	2315789	182.287	ng/ul	99
25) 2-Nitrophenol	9.834	139	576009	219.899	ng/ul	96
26) 2,4-Dimethylphenol	9.905	107	1186977	182.994	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.134	93	1281118	161.031	ng/ul	99
29) 2,4-Dichlorophenol	10.375	162	869918	167.650	ng/ul	98
30) Naphthalene	10.763	128	3000291	156.808	ng/ul	100
32) 4-Chloroaniline	10.899	127	1316153	151.002	ng/ul	99
33) Hexachlorobutadiene	11.034	225	546604	182.854	ng/ul	95
34) Caprolactam	11.757	113	178714	90.042	ng/ul	94
35) 4-Chloro-3-methylphenol	12.051	107	1114681	190.611	ng/ul	98
36) 2-Methylnaphthalene	12.381	142	2013884	155.593	ng/ul	99

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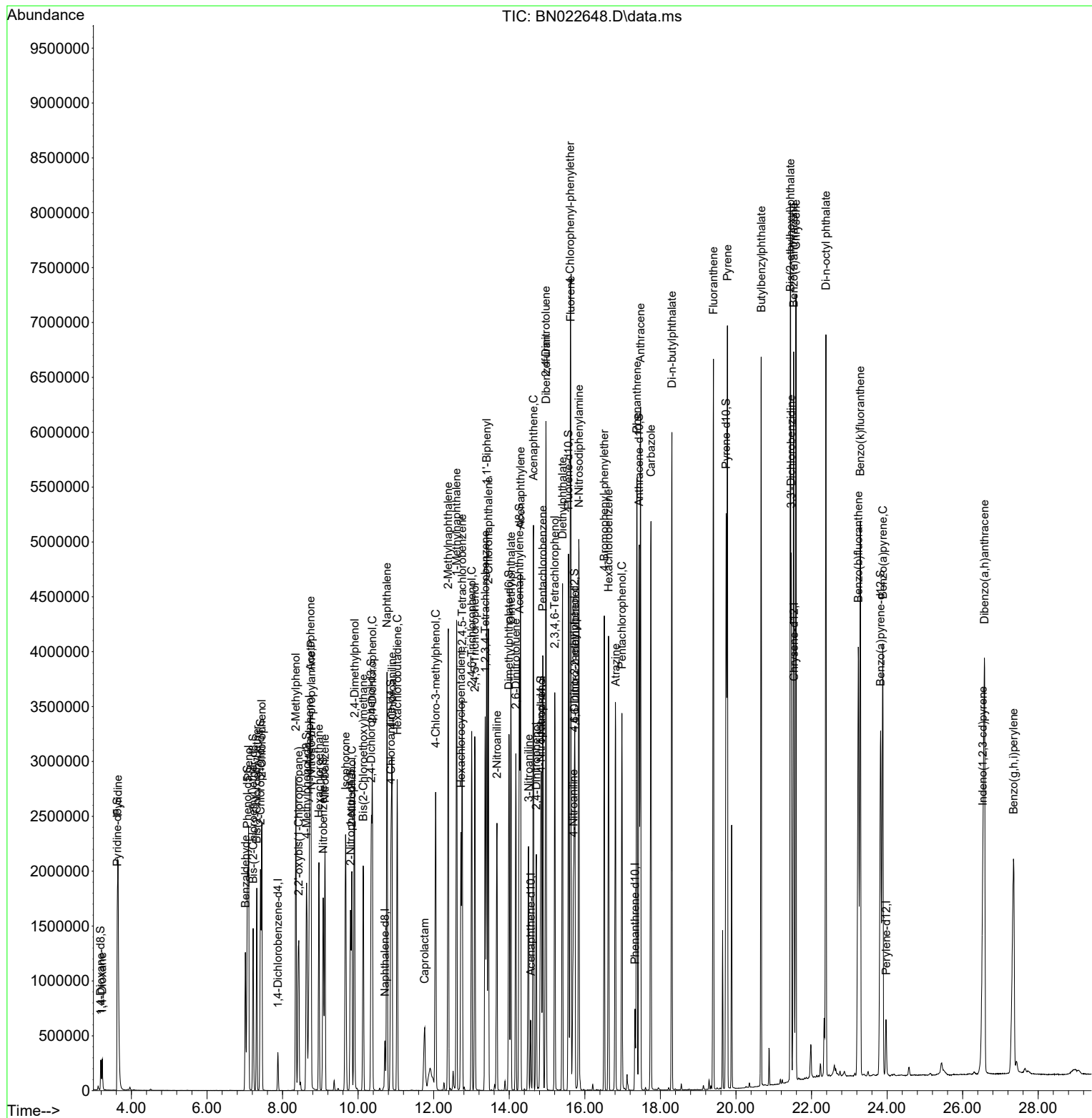
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	2000356	153.780	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.751	216	968844	170.907	ng/ul	95
40) Hexachlorocyclopentadiene	12.722	237	640185	189.683	ng/ul	95
41) 2,4,6-Trichlorophenol	13.004	196	691900	196.707	ng/ul	94
42) 2,4,5-Trichlorophenol	13.087	196	748157	193.856	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	2475226	153.210	ng/ul	97
44) 2-Chloronaphthalene	13.445	162	1963116	158.719	ng/ul	99
45) 2-Nitroaniline	13.675	65	759982	244.983	ng/ul	95
47) Dimethylphthalate	14.045	163	2541041	164.404	ng/ul	98
48) 2,6-Dinitrotoluene	14.175	165	579032	218.369	ng/ul	97
50) Acenaphthylene	14.298	152	2969262	146.012	ng/ul	99
51) 3-Nitroaniline	14.510	138	568586	192.479	ng/ul	92
52) Acenaphthene	14.640	153	2127182	161.886	ng/ul	97
53) 2,4-Dinitrophenol	14.716	184	419142	322.889	ng/ul	96
55) 4-Nitrophenol	14.851	109	497848	206.550	ng/ul	94
56) Dibenzofuran	14.975	168	2727647	144.480	ng/ul	100
57) 2,4-Dinitrotoluene	14.969	165	779314	202.365	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.204	232	628591	212.199	ng/ul	97
59) Diethylphthalate	15.410	149	2740572	175.827	ng/ul	99
61) Fluorene	15.628	166	2260036	151.787	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.616	204	1085285	158.118	ng/ul	97
63) 4-Nitroaniline	15.698	138	461548	155.692	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.740	198	466986	243.305	ng/ul	94
67) N-Nitrosodiphenylamine	15.845	169	1974635	155.544	ng/ul	97
68) 4-Bromophenyl-phenylether	16.516	248	721094	179.004	ng/ul	93
69) Hexachlorobenzene	16.628	284	858189	178.964	ng/ul#	85
70) Atrazine	16.816	200	704182	156.755	ng/ul	96
71) Pentachlorophenol	16.981	266	557896	208.971	ng/ul	96
72) Phenanthrene	17.381	178	3608508	150.825	ng/ul	98
74) Anthracene	17.475	178	3633601	152.523	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	963744	167.172	ng/ul	99
76) Pentachlorobenzene	14.887	250	987269	179.773	ng/ul	95
77) Carbazole	17.751	167	3469306	154.101	ng/ul	98
78) Di-n-butylphthalate	18.304	149	4561828	179.726	ng/ul	99
80) Fluoranthene	19.404	202	4038183	184.884	ng/ul	99
82) Pyrene	19.775	202	3958233	173.877	ng/ul	98
83) Butylbenzylphthalate	20.669	149	2130108	247.219	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.463	252	1224708	168.691	ng/ul	92
85) Benzo(a)anthracene	21.527	228	3900178	170.119	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	3008636	228.061	ng/ul#	98
87) Chrysene	21.586	228	3519489	158.556	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	5099717	252.151	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	3773484	179.639	ng/ul	97
91) Benzo(k)fluoranthene	23.292	252	3534772	188.114	ng/ul	99
93) Benzo(a)pyrene	23.886	252	3082622	153.380	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.533	276	1425414	57.771	ng/ul	96
95) Dibenzo(a,h)anthracene	26.580	278	3019145	144.995	ng/ul	97
96) Benzo(g,h,i)perylene	27.345	276	2927401	135.962	ng/ul	98

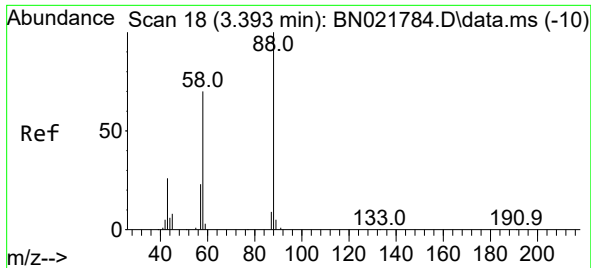
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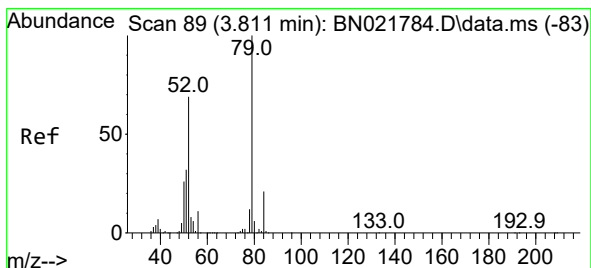
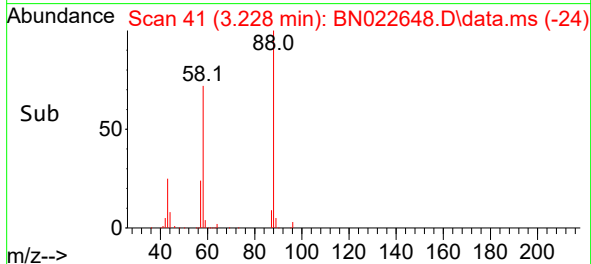
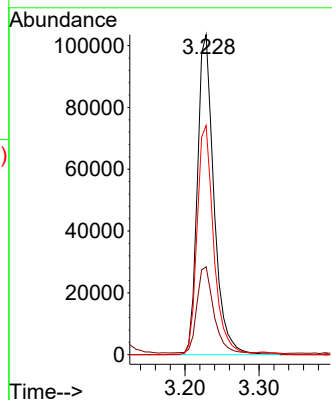
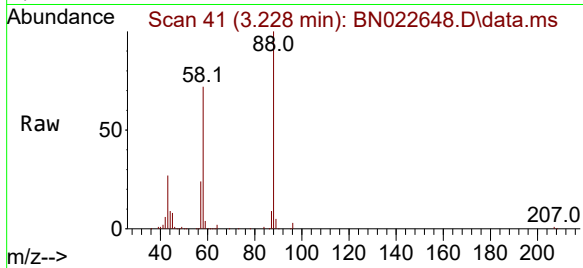




#2
1,4-Dioxane
Concen: 68.628 ng/uL
RT: 3.228 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN022648.D
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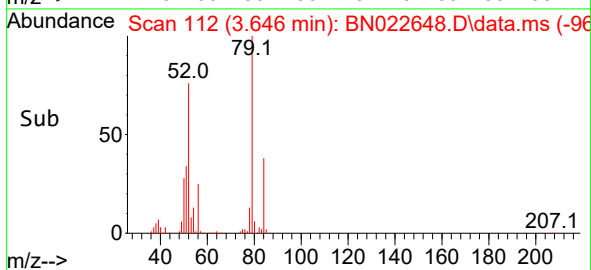
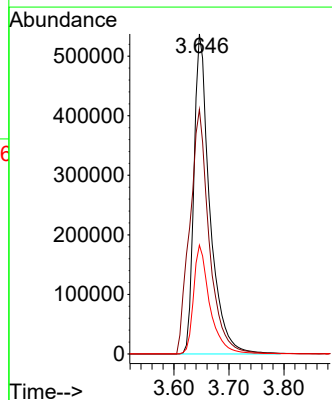
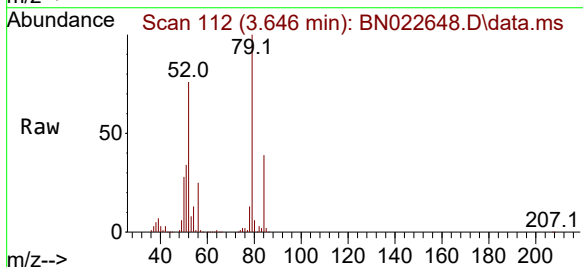
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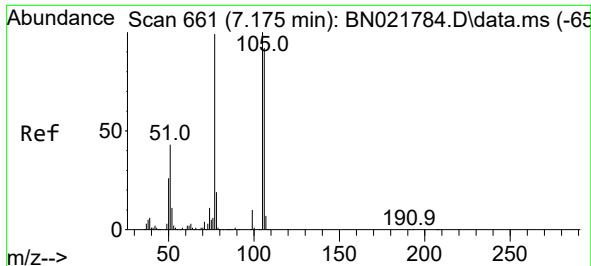
Tgt Ion: 88 Resp: 160076
Ion Ratio Lower Upper
88 100
43 27.5 30.8 46.2#
58 71.6 61.7 92.5



#5
Pyridine
Concen: 173.766 ng/uL
RT: 3.646 min Scan# 112
Delta R.T. -0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 79 Resp: 1079239
Ion Ratio Lower Upper
79 100
52 76.4 58.6 88.0
51 34.0 28.8 43.2

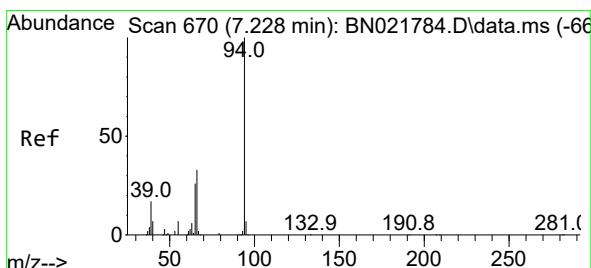
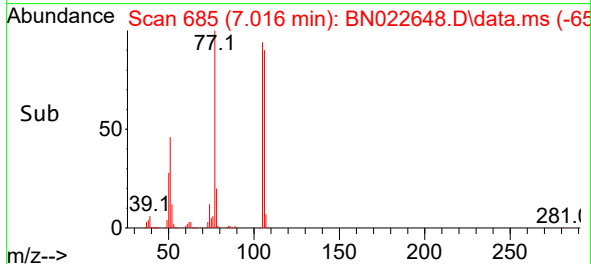
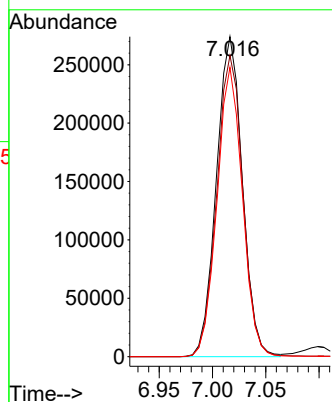
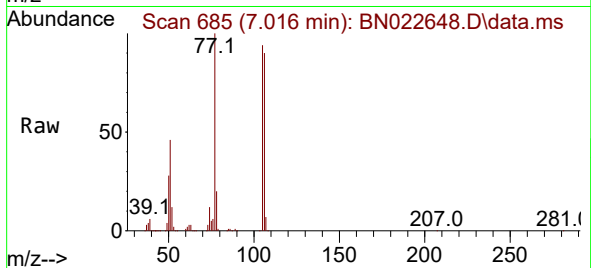




#6
Benzaldehyde
Concen: 138.665 ng/ul
RT: 7.016 min Scan# 610
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

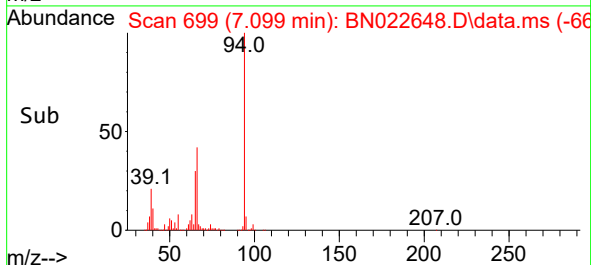
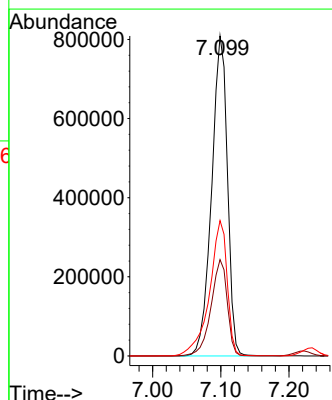
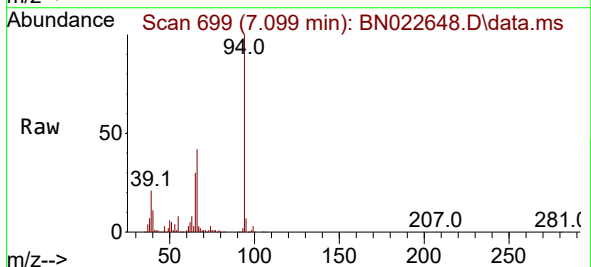
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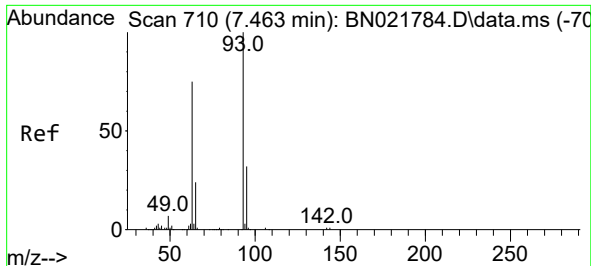
Tgt Ion: 77 Resp: 464659
Ion Ratio Lower Upper
77 100
105 94.1 75.2 112.8
106 90.4 69.0 103.6



#8
Phenol
Concen: 164.010 ng/ul
RT: 7.099 min Scan# 699
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 94 Resp: 1307100
Ion Ratio Lower Upper
94 100
65 30.1 24.3 36.5
66 42.3 33.5 50.3





#10

Bis(2-Chloroethyl)ether

Concen: 156.745 ng/ul

RT: 7.316 min Scan# 710

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

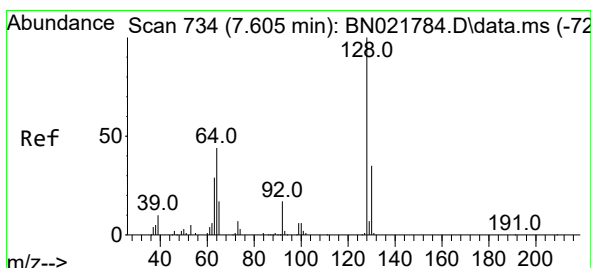
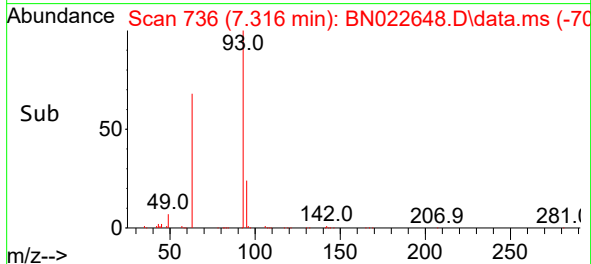
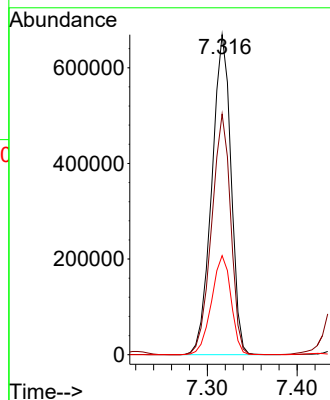
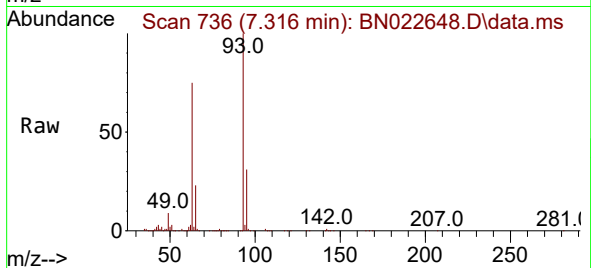
Tgt Ion: 93 Resp: 996049

Ion Ratio Lower Upper

93 100

63 75.2 61.8 92.6

95 31.0 26.3 39.5



#12

2-Chlorophenol

Concen: 168.194 ng/ul

RT: 7.452 min Scan# 759

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

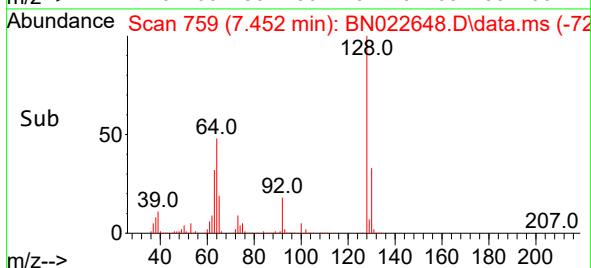
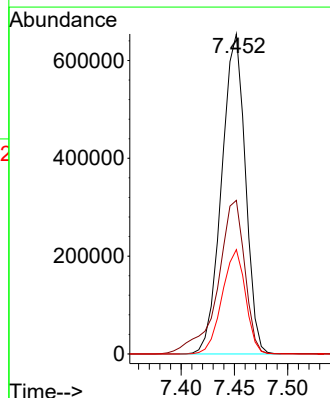
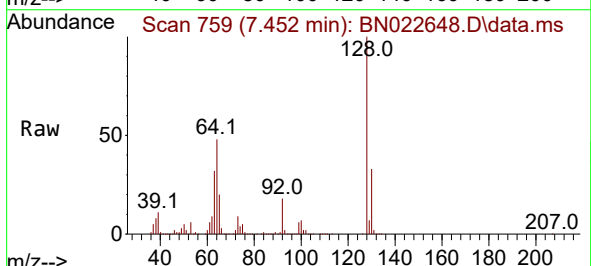
Tgt Ion:128 Resp: 1012469

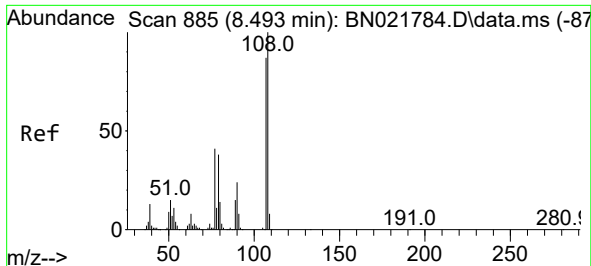
Ion Ratio Lower Upper

128 100

64 48.0 40.0 60.0

130 32.6 26.3 39.5





#13

2-Methylphenol

Concen: 160.324 ng/ul

RT: 8.352 min Scan# 911

Delta R.T. 0.012 min

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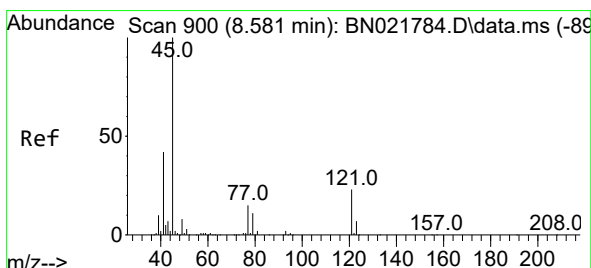
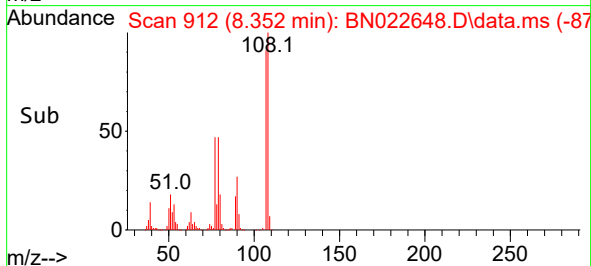
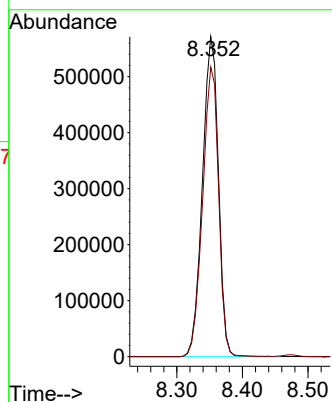
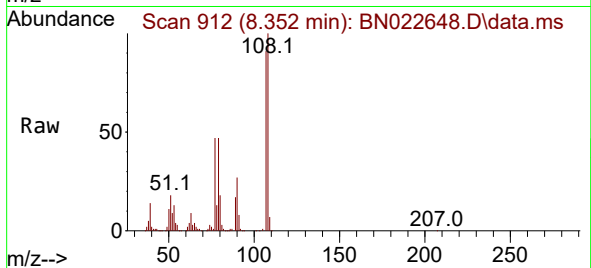
SSTD160208

Tgt Ion:108 Resp: 970807

Ion Ratio Lower Upper

108 100

107 90.5 74.1 111.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 155.172 ng/ul

RT: 8.428 min Scan# 925

Delta R.T. 0.012 min

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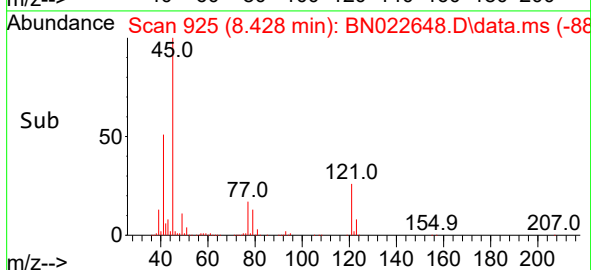
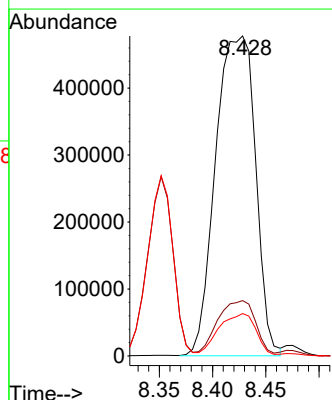
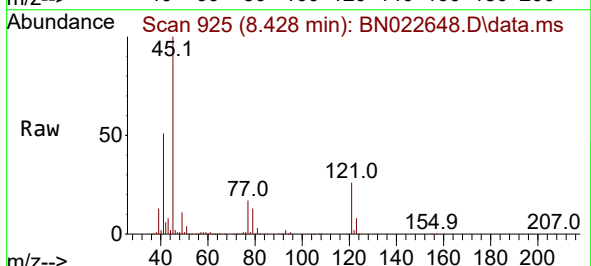
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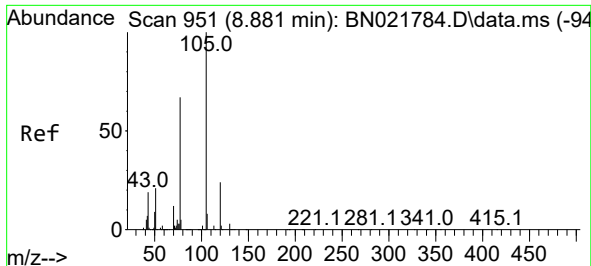
Ion Ratio Lower Upper

45 100

77 17.3 13.0 19.4

79 13.3 9.5 14.3

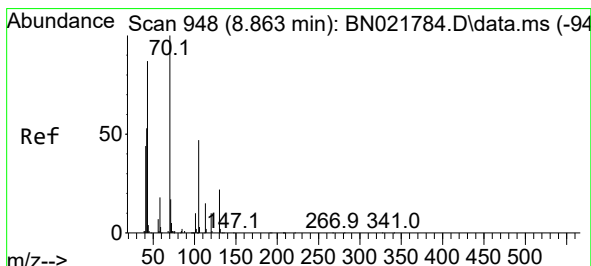
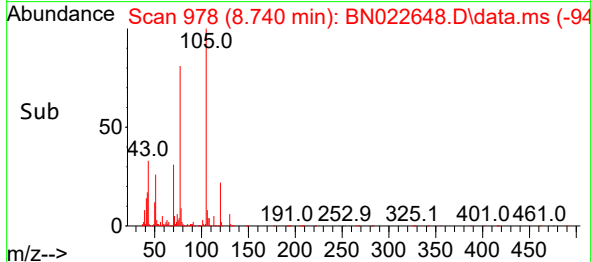
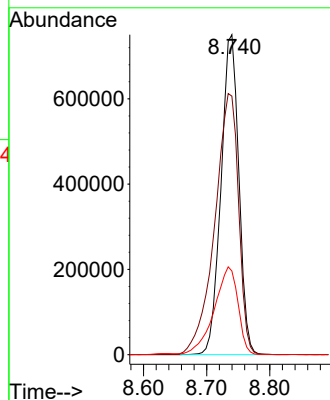
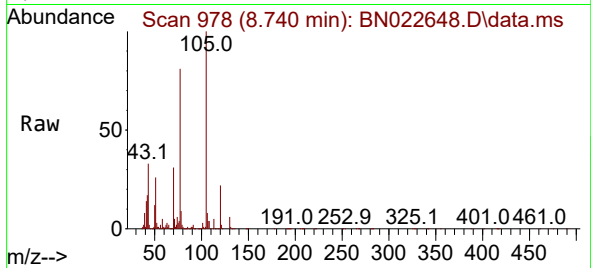




#16
Acetophenone
Concen: 153.657 ng/ul
RT: 8.740 min Scan# 91
Delta R.T. 0.018 min
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Acq: 15 Nov 2022 13:30

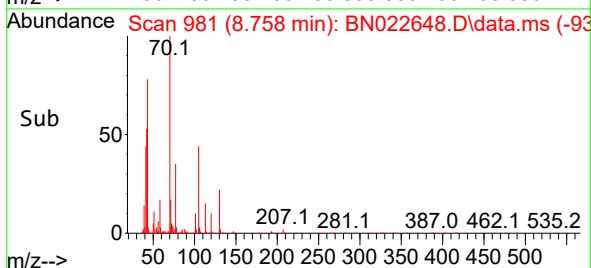
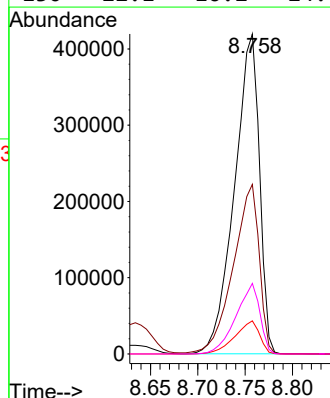
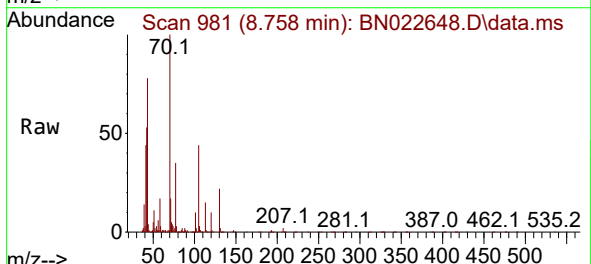
Instrument :
BNA_N
ClientSampleId :
SSTD160208

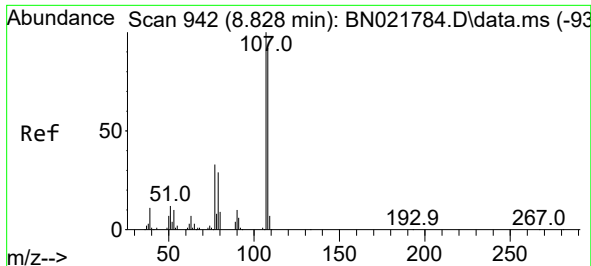
Tgt Ion:105 Resp: 1470627
Ion Ratio Lower Upper
105 100
77 80.8 64.0 96.0
51 26.2 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 161.382 ng/ul
RT: 8.758 min Scan# 981
Delta R.T. 0.053 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 70 Resp: 769079
Ion Ratio Lower Upper
70 100
42 53.0 43.4 65.2
101 10.4 8.0 12.0
130 22.1 16.2 24.4

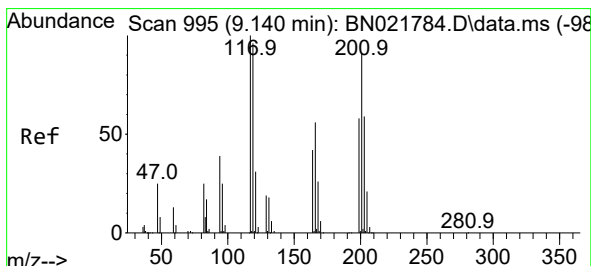
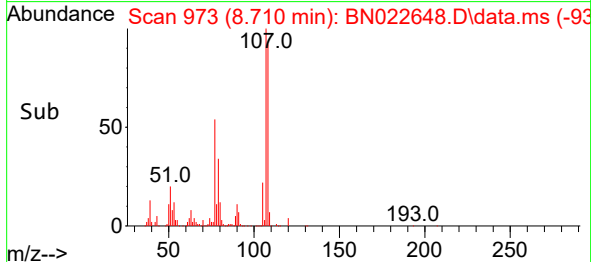
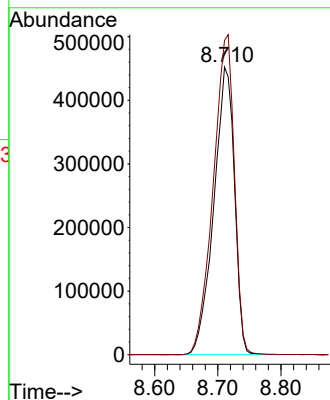
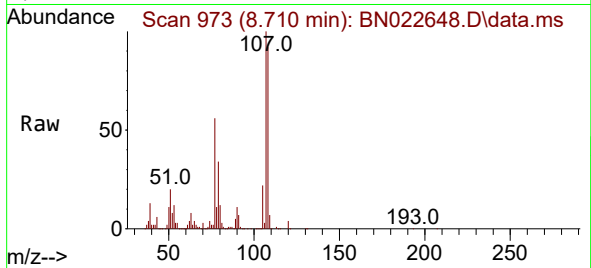




#18
4-Methylphenol
Concen: 154.458 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.035 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

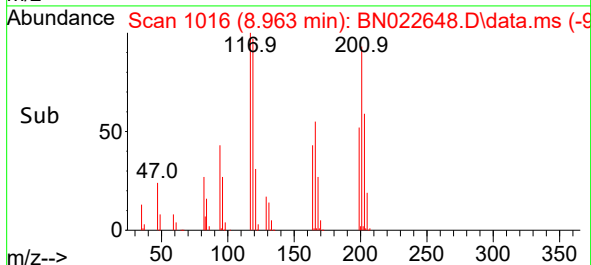
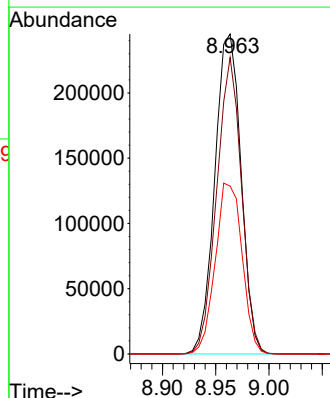
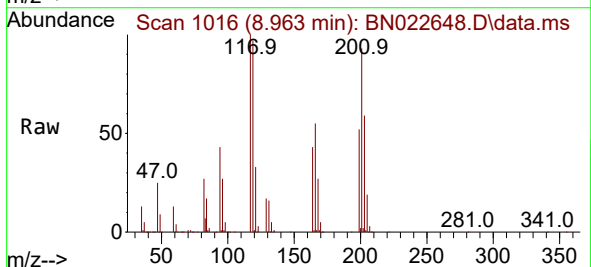
Instrument :
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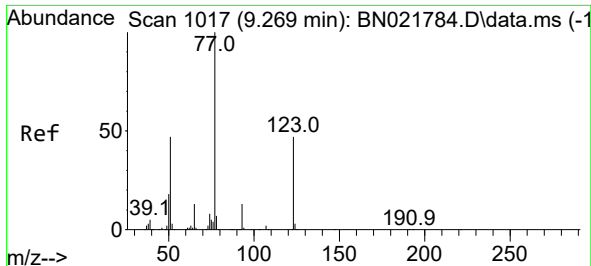
Tgt Ion:108 Resp: 1027410
Ion Ratio Lower Upper
108 100
107 109.3 89.4 134.2



#19
Hexachloroethane
Concen: 174.882 ng/ul
RT: 8.963 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:117 Resp: 419599
Ion Ratio Lower Upper
117 100
201 92.7 69.5 104.3
199 52.4 43.9 65.9

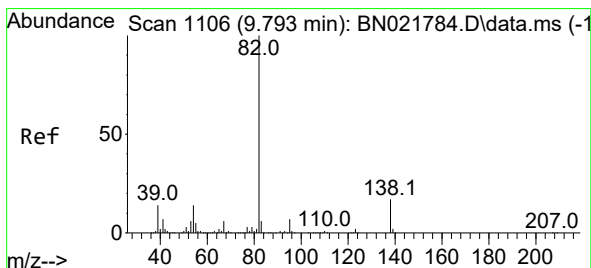
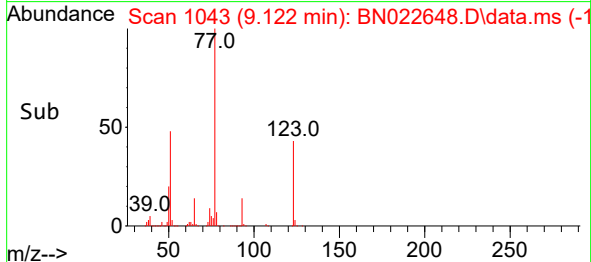
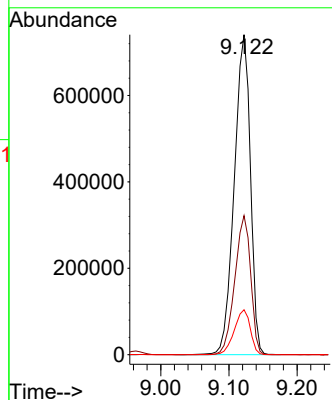
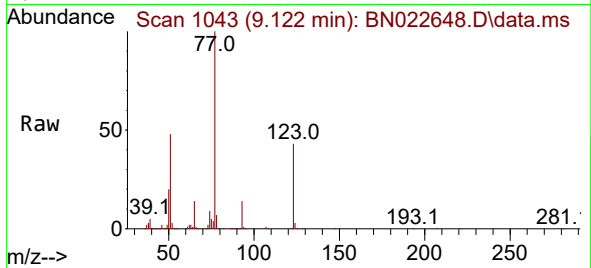




#22
Nitrobenzene
Concen: 197.537 ng/ul
RT: 9.122 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

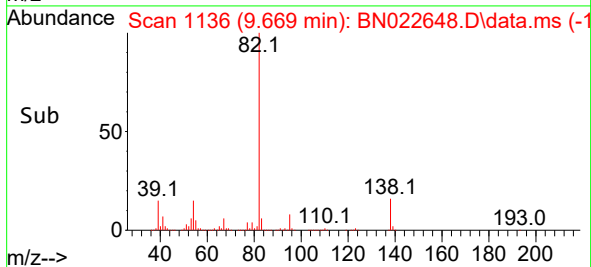
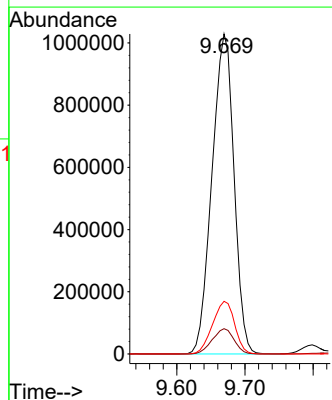
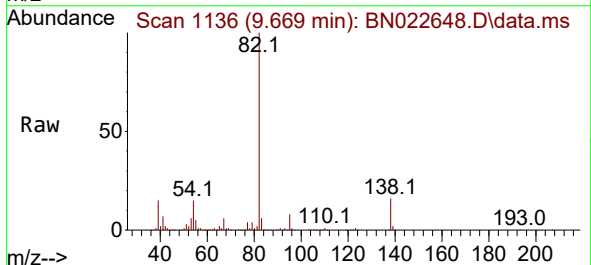
Instrument :
BNA_N
ClientSampleId :
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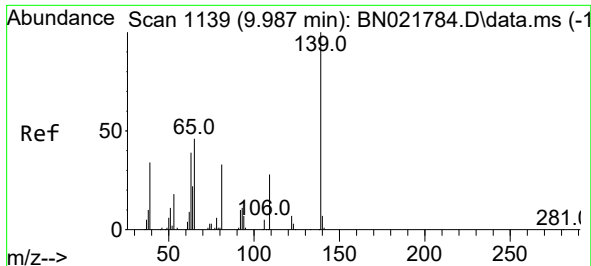
Tgt Ion: 77 Resp: 1218699
Ion Ratio Lower Upper
77 100
123 43.4 32.6 49.0
65 14.1 10.7 16.1



#23
Isophorone
Concen: 182.287 ng/ul
RT: 9.669 min Scan# 1136
Delta R.T. 0.035 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 82 Resp: 2315789
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 16.5 12.8 19.2

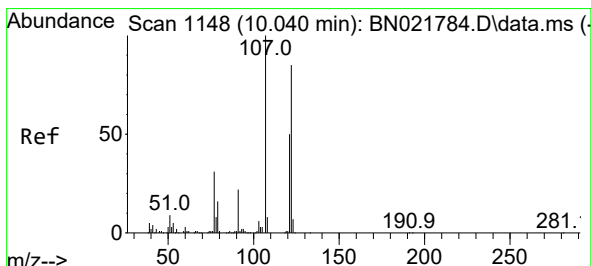
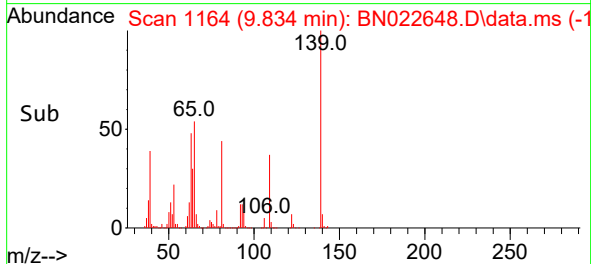
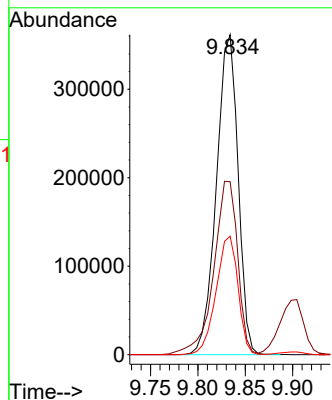
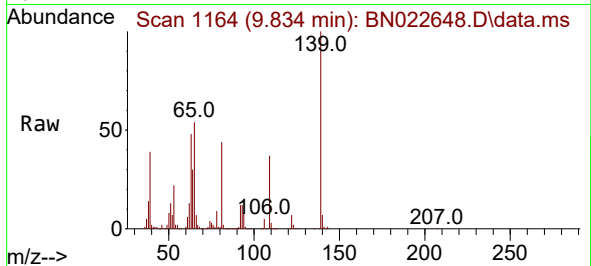




#25
2-Nitrophenol
Concen: 219.899 ng/ul
RT: 9.834 min Scan# 1139
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

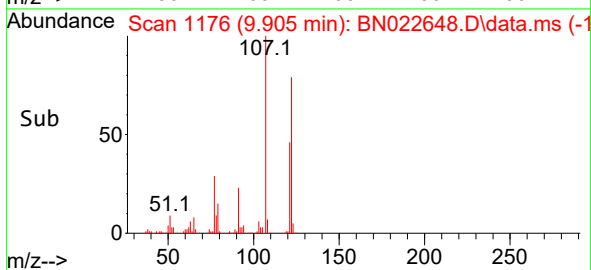
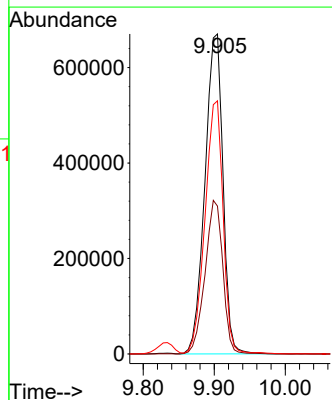
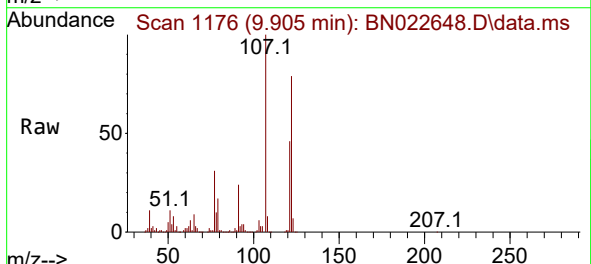
Instrument :
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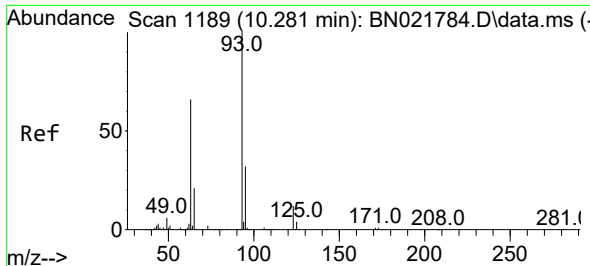
Tgt Ion:139 Resp: 576009
Ion Ratio Lower Upper
139 100
65 54.1 45.4 68.2
109 37.0 27.9 41.9



#26
2,4-Dimethylphenol
Concen: 182.994 ng/ul
RT: 9.905 min Scan# 1176
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:107 Resp: 1186977
Ion Ratio Lower Upper
107 100
121 46.2 38.5 57.7
122 79.1 64.1 96.1

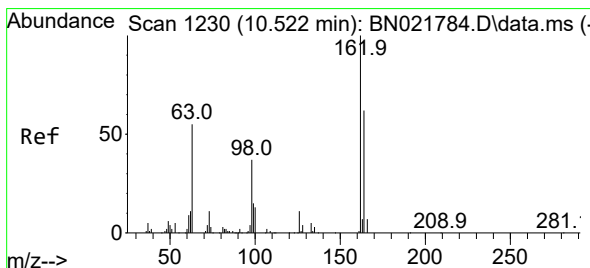
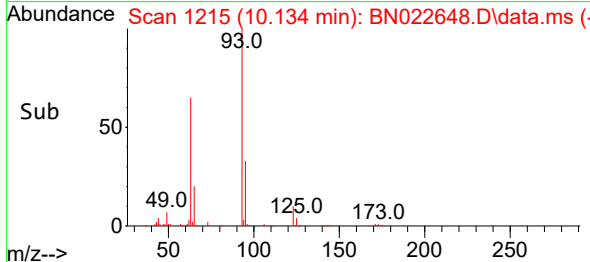
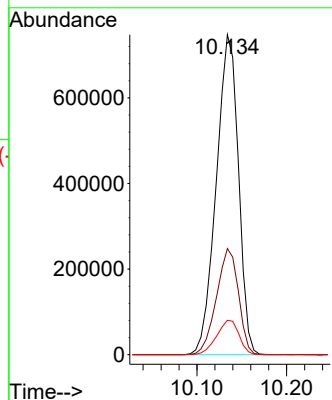
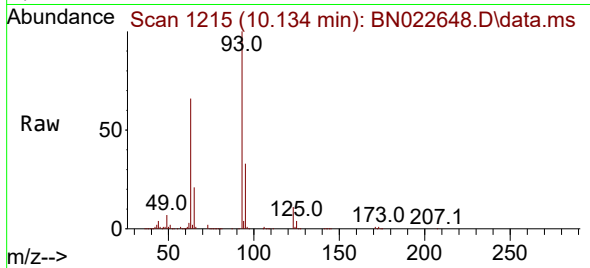




#27
 Bis(2-Chloroethoxy)methane
 Concen: 161.031 ng/ul
 RT: 10.134 min Scan# 1189
 Delta R.T. 0.012 min
 Lab File: BN022648.D
 Acq: 15 Nov 2022 13:30

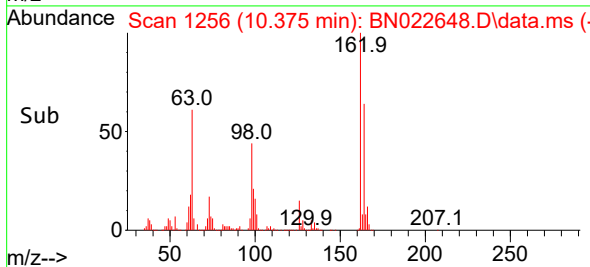
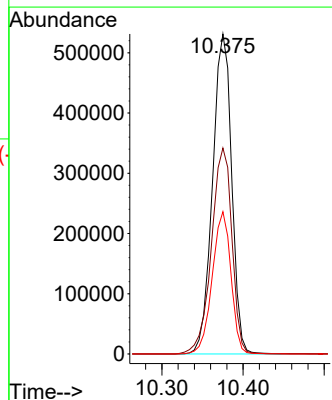
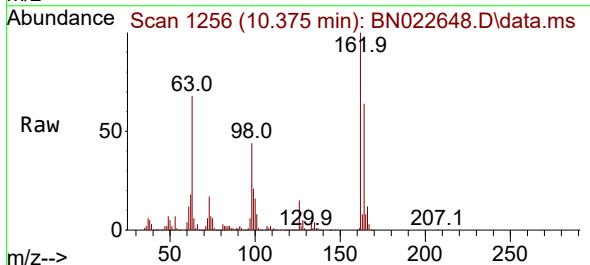
Instrument :
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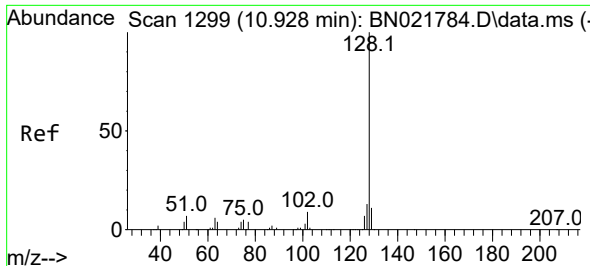
Tgt Ion: 93 Resp: 1281118
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.8 38.6
 123 10.8 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 167.650 ng/ul
 RT: 10.375 min Scan# 1256
 Delta R.T. 0.018 min
 Lab File: BN022648.D
 Acq: 15 Nov 2022 13:30

Tgt Ion:162 Resp: 869918
 Ion Ratio Lower Upper
 162 100
 164 64.3 51.9 77.9
 98 44.5 33.1 49.7

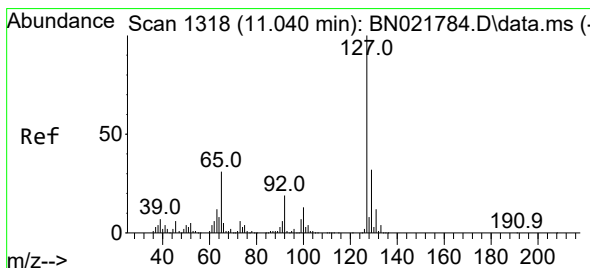
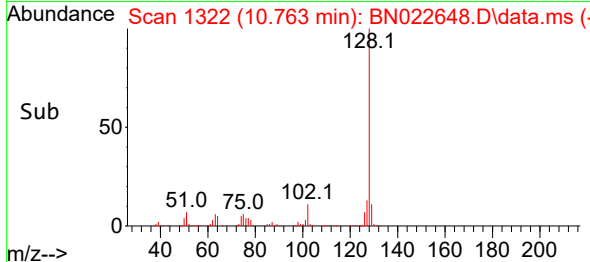
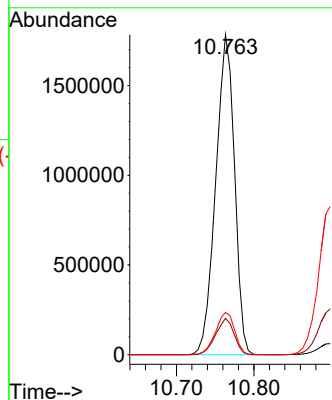
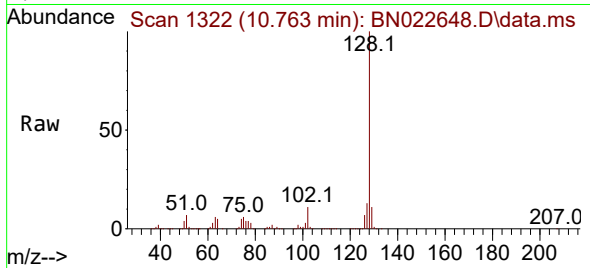




#30
Naphthalene
Concen: 156.808 ng/ul
RT: 10.763 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

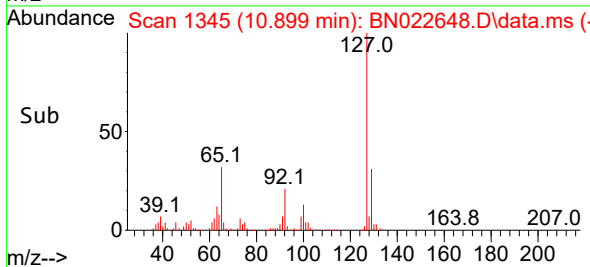
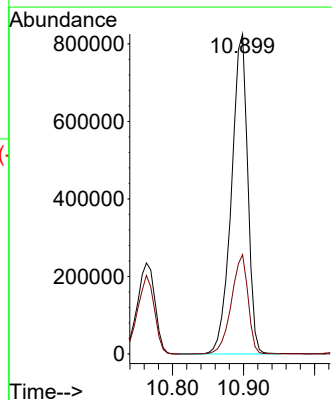
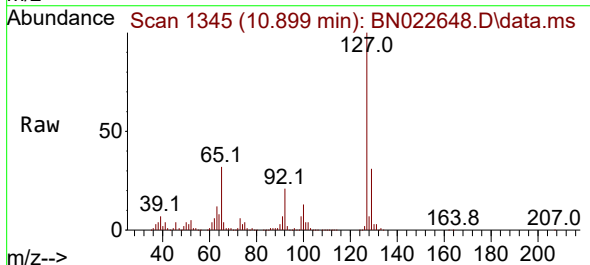
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BNA_N
ClientSampleId :
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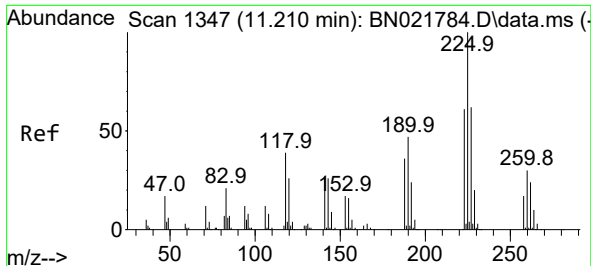
Tgt Ion:128 Resp: 3000291
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.2 10.6 16.0



#32
4-Chloroaniline
Concen: 151.002 ng/ul
RT: 10.899 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:127 Resp: 1316153
Ion Ratio Lower Upper
127 100
129 31.0 25.4 38.0

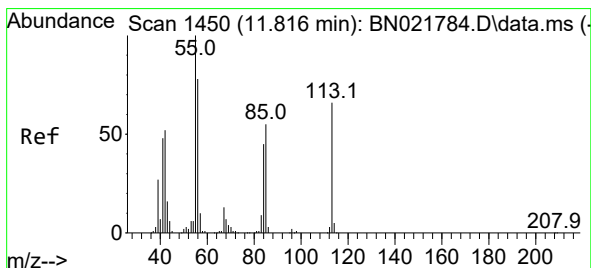
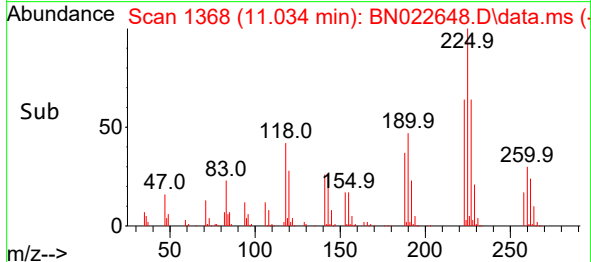
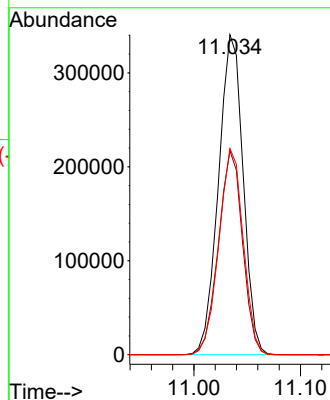
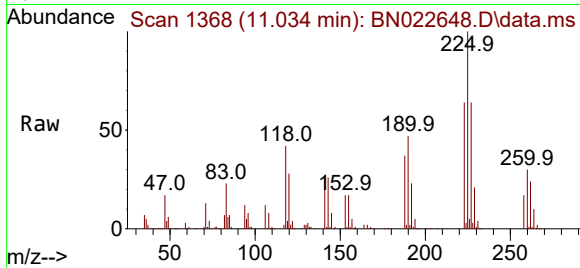




#33
Hexachlorobutadiene
Concen: 182.854 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

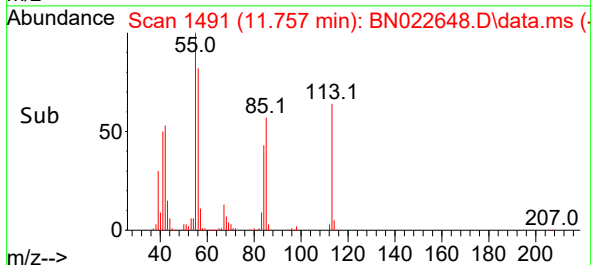
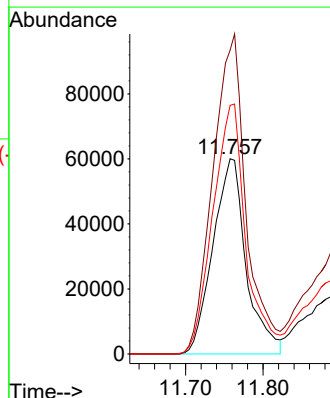
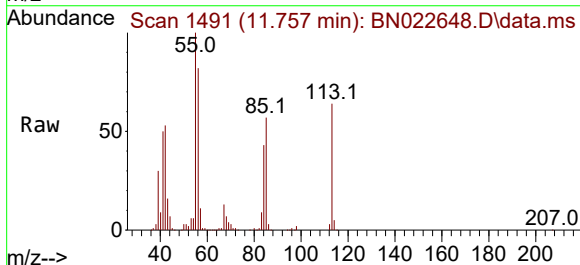
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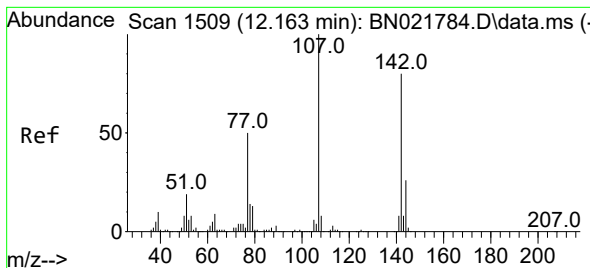
Tgt Ion:225 Resp: 546604
Ion Ratio Lower Upper
225 100
223 63.7 48.6 73.0
227 64.4 47.8 71.8



#34
Caprolactam
Concen: 90.042 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. 0.082 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:113 Resp: 178714
Ion Ratio Lower Upper
113 100
55 155.6 133.8 200.8
56 127.3 103.8 155.6

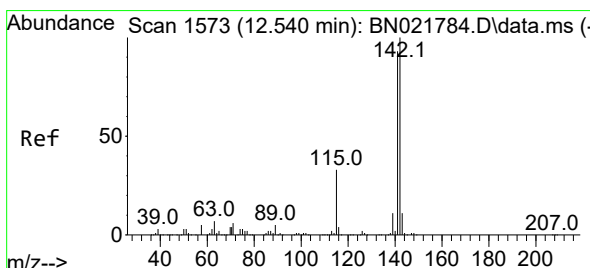
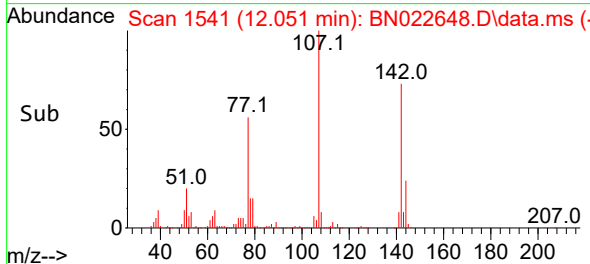
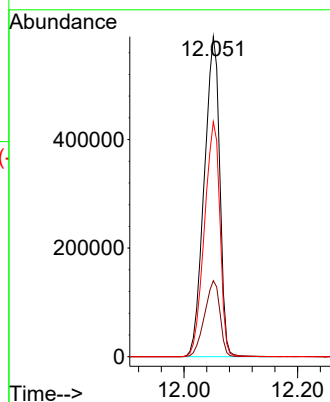
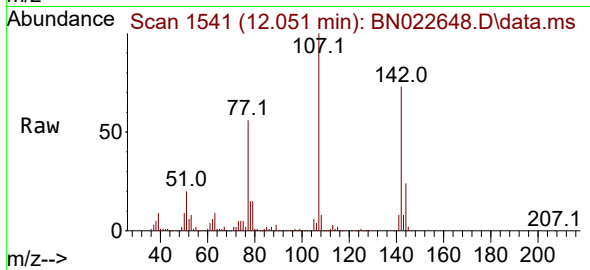




#35
4-Chloro-3-methylphenol
Concen: 190.611 ng/ul
RT: 12.051 min Scan# 11
Delta R.T. 0.029 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

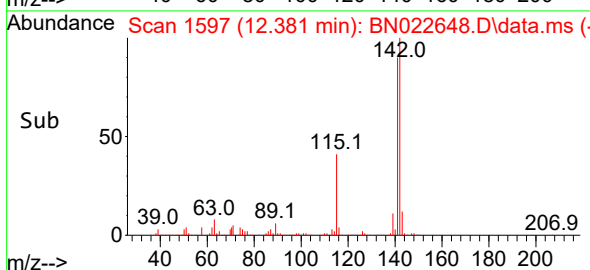
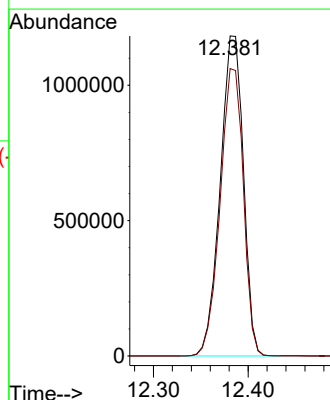
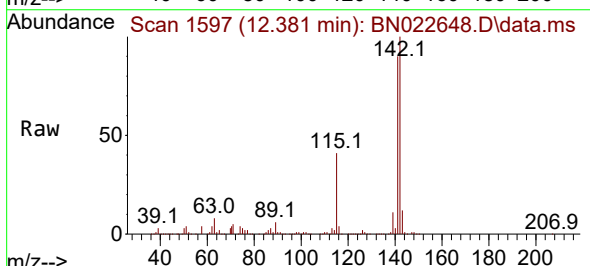
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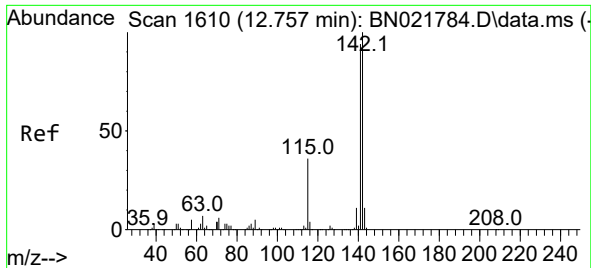
Tgt Ion:107 Resp: 1114681
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.4
142 73.4 57.0 85.6



#36
2-Methylnaphthalene
Concen: 155.593 ng/ul
RT: 12.381 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:142 Resp: 2013884
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8

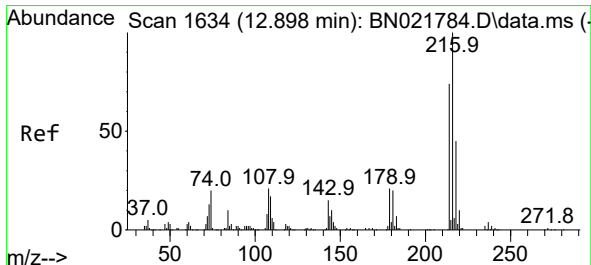
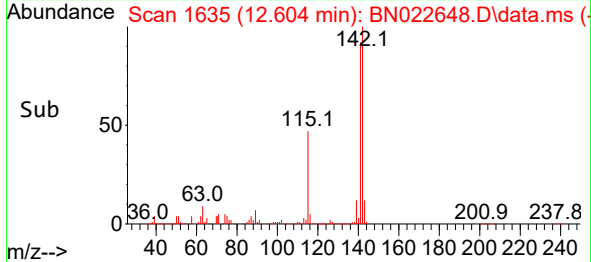
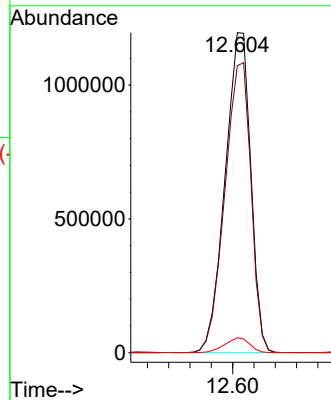
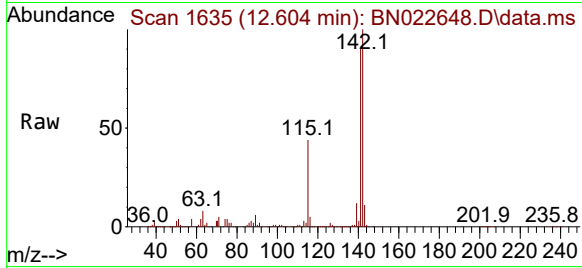




#37
1-Methylnaphthalene
Concen: 153.780 ng/ul
RT: 12.604 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

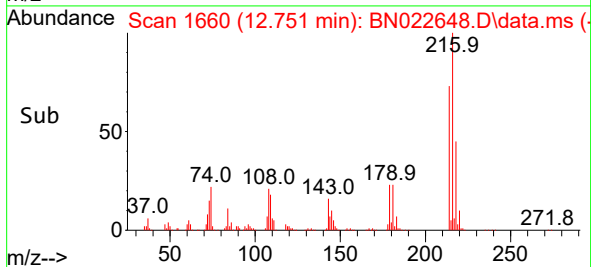
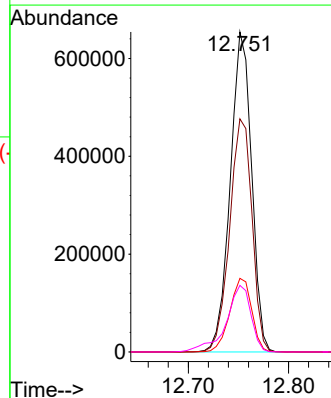
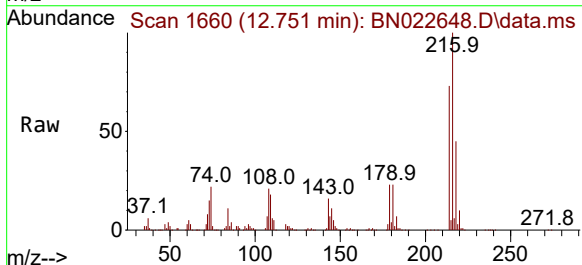
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ClientSampleId :
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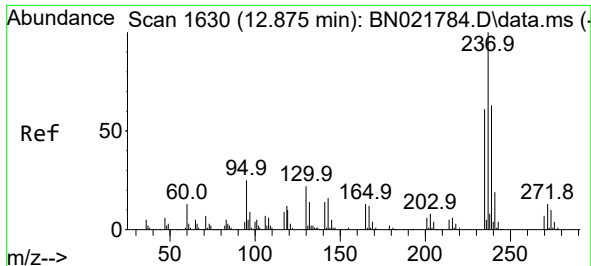
Tgt Ion:142 Resp: 2000356
Ion Ratio Lower Upper
142 100
141 89.7 77.2 115.8
116 4.7 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 170.907 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:216 Resp: 968844
Ion Ratio Lower Upper
216 100
214 72.9 62.9 94.3
179 23.0 19.0 28.4
108 20.8 17.4 26.2

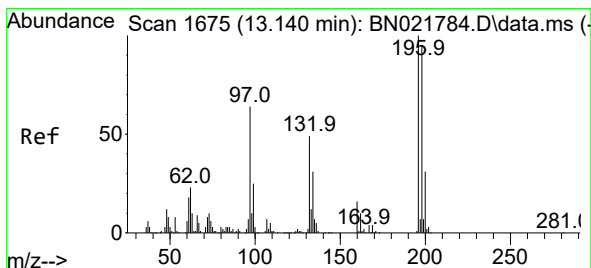
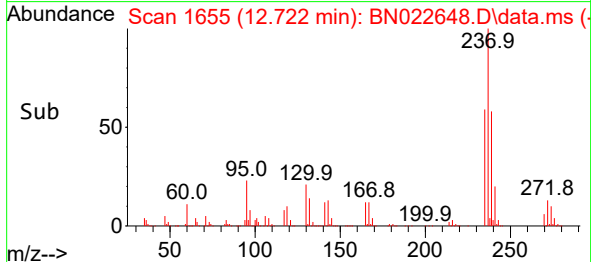
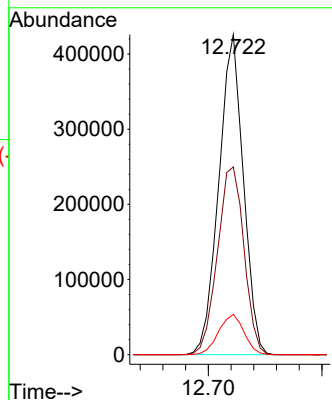
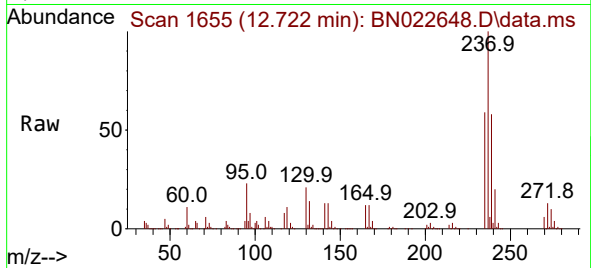




#40
Hexachlorocyclopentadiene
Concen: 189.683 ng/ul
RT: 12.722 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

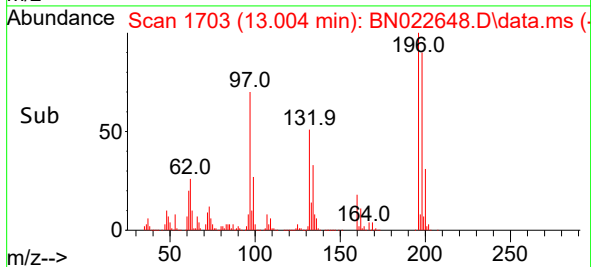
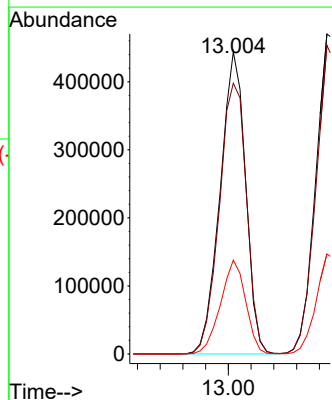
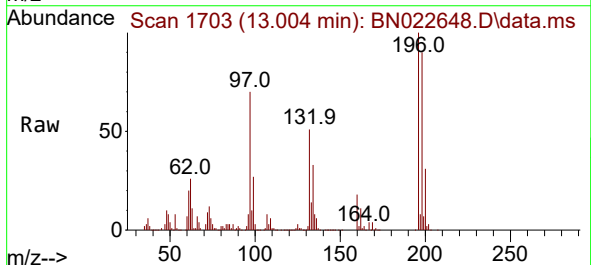
Instrument :
BNA_N
ClientSampleId :
SSTD160208

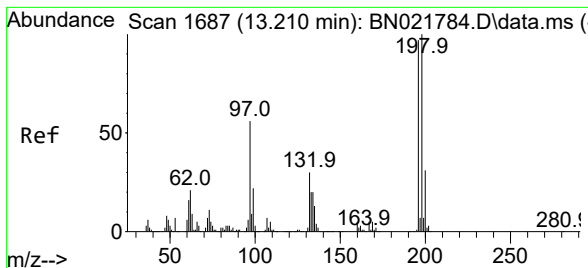
Tgt Ion:237 Resp: 640185
Ion Ratio Lower Upper
237 100
235 58.7 50.3 75.5
272 12.6 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 196.707 ng/ul
RT: 13.004 min Scan# 1703
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:196 Resp: 691900
Ion Ratio Lower Upper
196 100
198 89.6 77.3 115.9
200 31.1 25.4 38.2





#42

2,4,5-Trichlorophenol

Concen: 193.856 ng/ul

RT: 13.087 min Scan# 1717

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

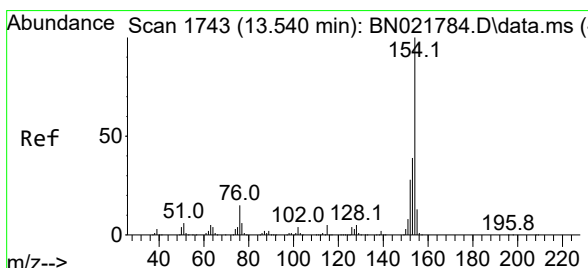
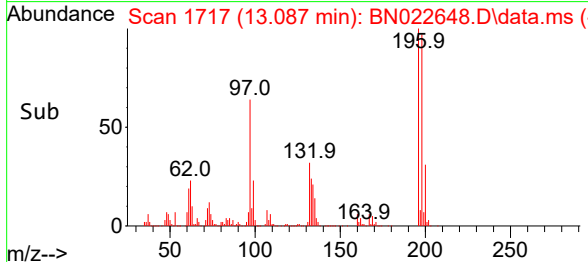
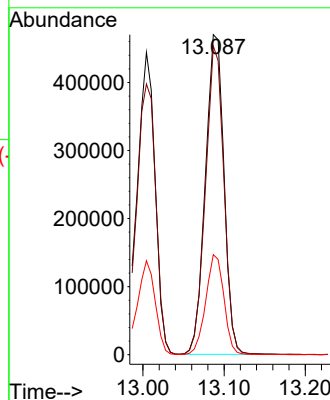
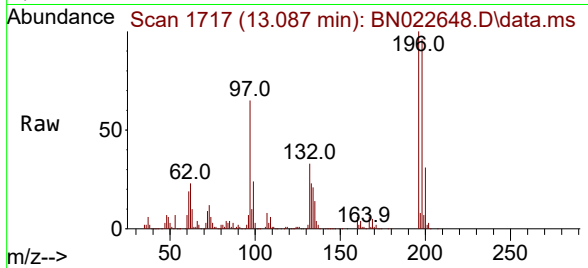
Tgt Ion:196 Resp: 748157

Ion Ratio Lower Upper

196 100

198 96.4 78.8 118.2

200 31.2 26.0 39.0



#43

1,1'-Biphenyl

Concen: 153.210 ng/ul

RT: 13.404 min Scan# 1771

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

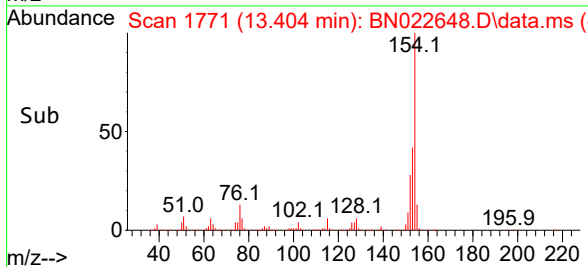
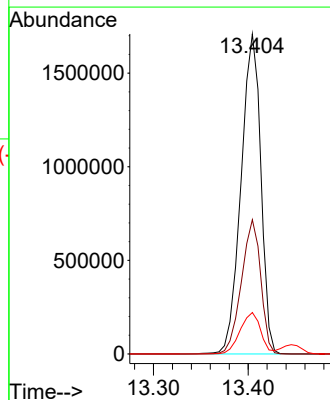
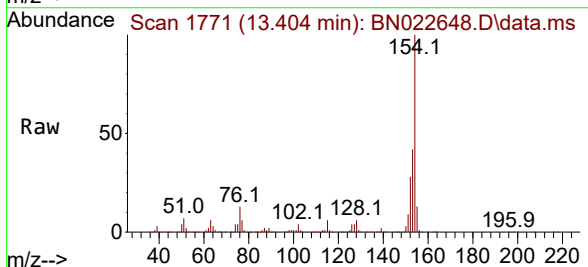
Tgt Ion:154 Resp: 2475226

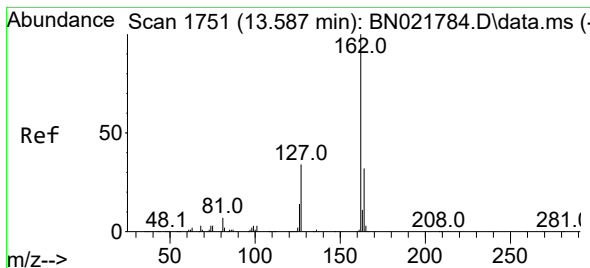
Ion Ratio Lower Upper

154 100

153 42.0 32.2 48.2

76 13.0 11.2 16.8





#44

2-Chloronaphthalene

Concen: 158.719 ng/ul

RT: 13.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

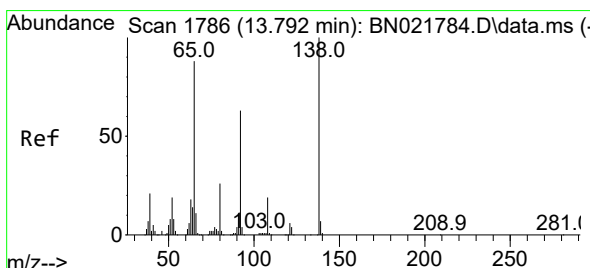
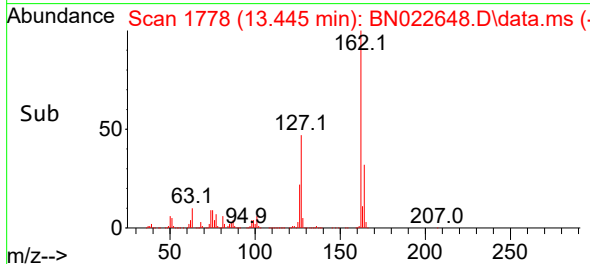
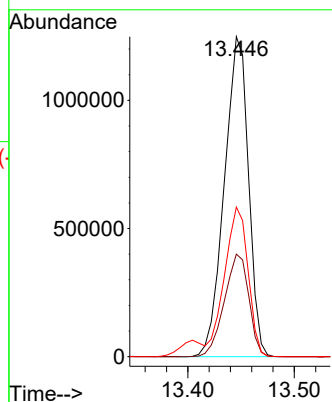
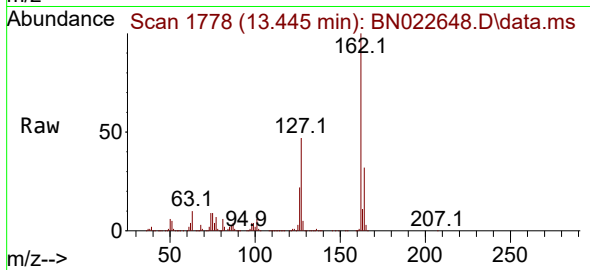
Tgt Ion:162 Resp: 1963116

Ion Ratio Lower Upper

162 100

164 32.1 26.0 39.0

127 46.8 37.8 56.6



#45

2-Nitroaniline

Concen: 244.983 ng/ul

RT: 13.675 min Scan# 1817

Delta R.T. 0.023 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

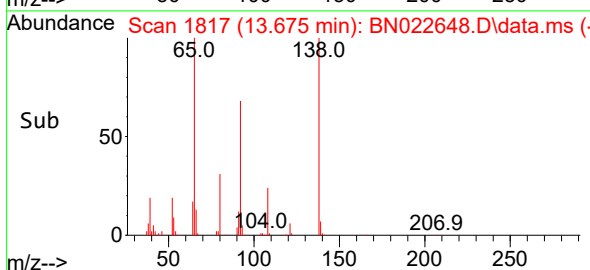
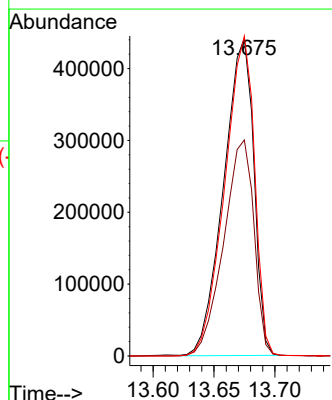
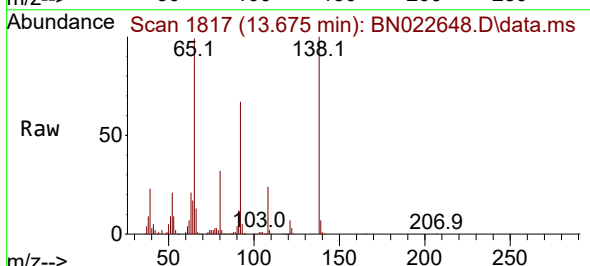
Tgt Ion: 65 Resp: 759982

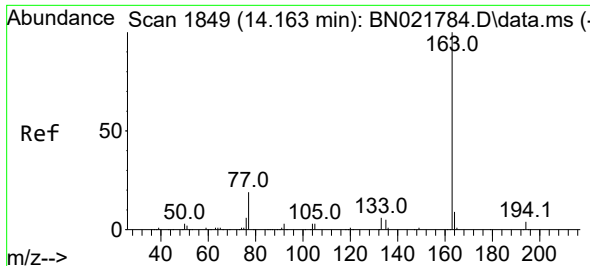
Ion Ratio Lower Upper

65 100

92 68.0 55.2 82.8

138 100.7 74.1 111.1

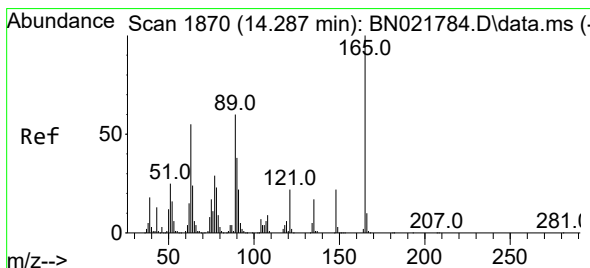
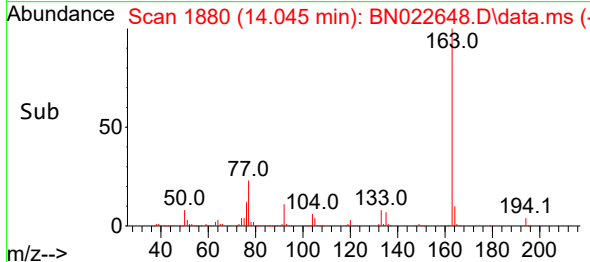
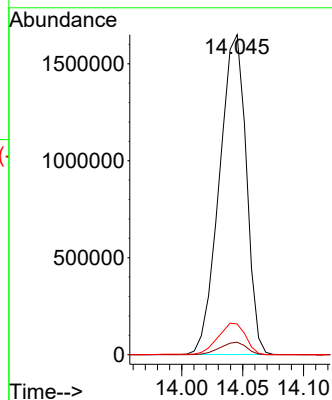
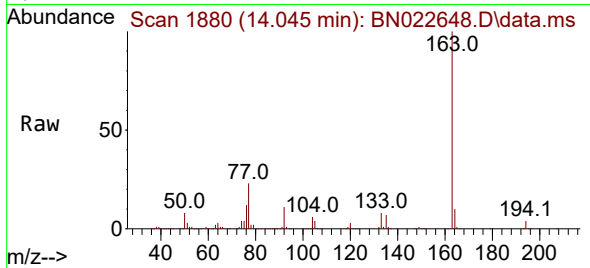




#47
Dimethylphthalate
Concen: 164.404 ng/ul
RT: 14.045 min Scan# 11
Delta R.T. 0.023 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

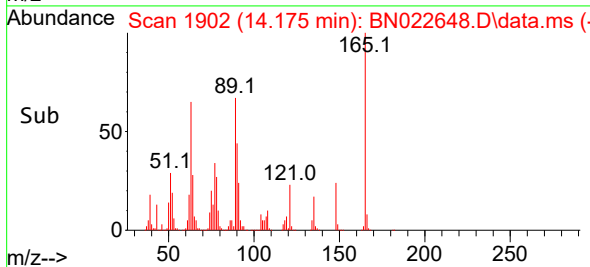
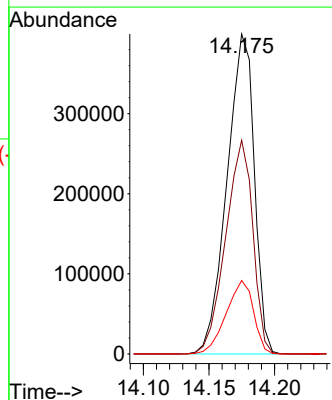
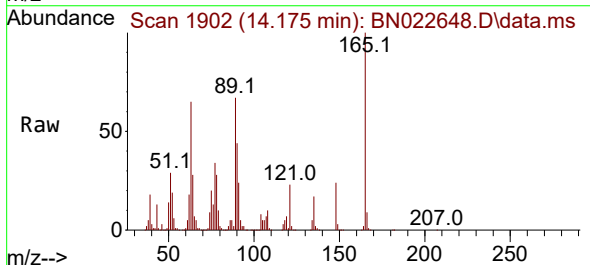
Instrument :
BNA_N
ClientSampleId :
SSTD160208

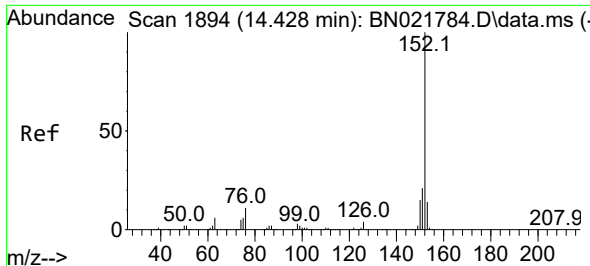
Tgt Ion:163 Resp: 2541041
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.6 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 218.369 ng/ul
RT: 14.175 min Scan# 1902
Delta R.T. 0.023 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:165 Resp: 579032
Ion Ratio Lower Upper
165 100
89 66.8 55.2 82.8
121 22.9 19.6 29.4

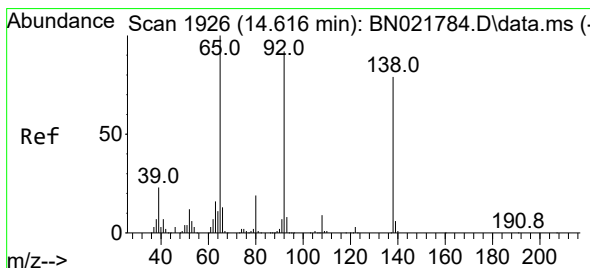
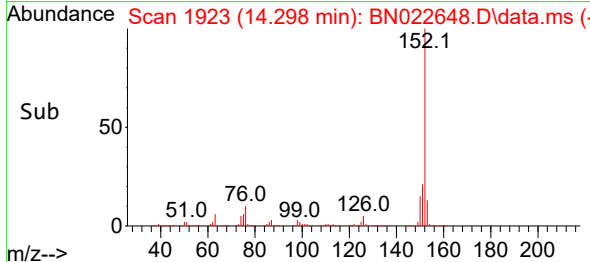
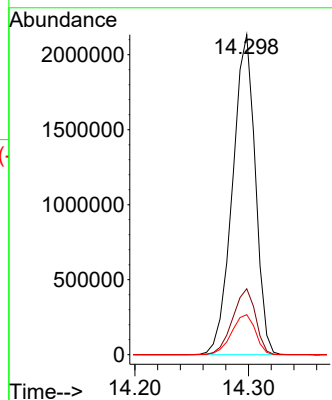
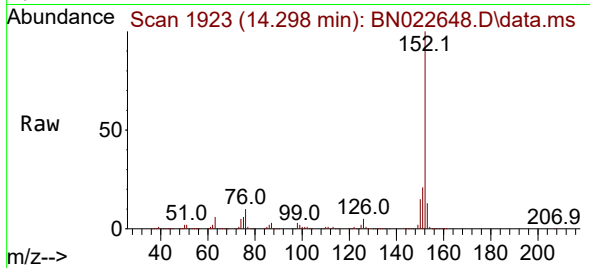




#50
Acenaphthylene
Concen: 146.012 ng/ul
RT: 14.298 min Scan# 1923
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

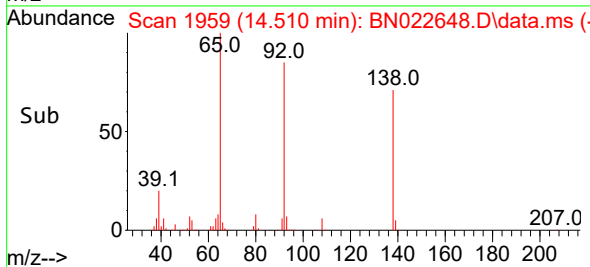
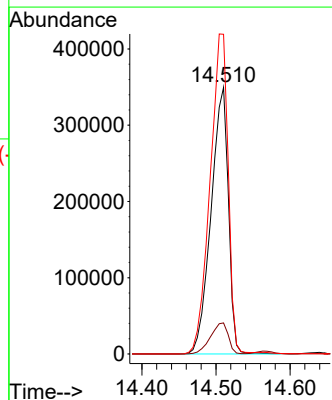
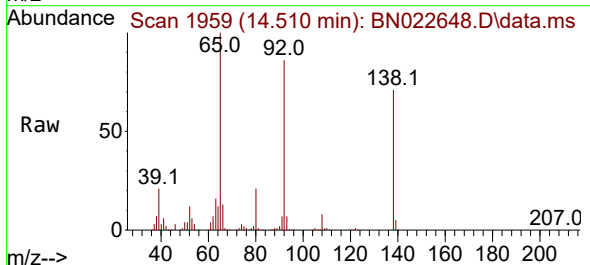
Instrument :
BNA_N
ClientSampleId :
SSTD160208

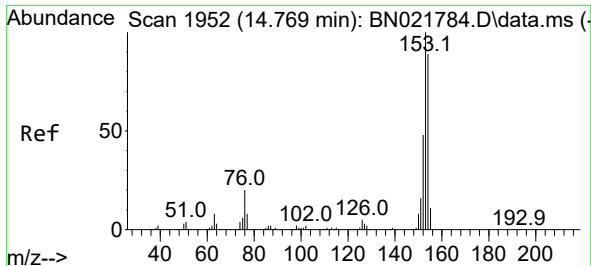
Tgt Ion:152 Resp: 2969262
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 12.5 10.9 16.3



#51
3-Nitroaniline
Concen: 192.479 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. 0.029 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:138 Resp: 568586
Ion Ratio Lower Upper
138 100
108 11.7 9.7 14.5
92 119.9 103.7 155.5

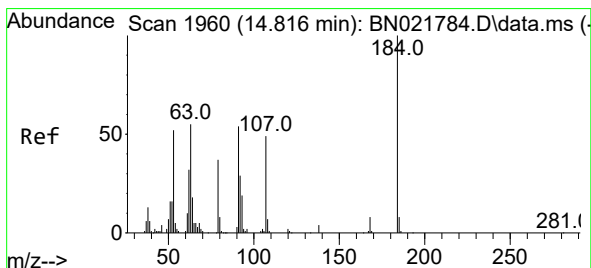
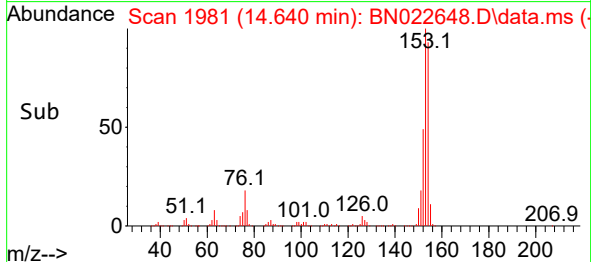
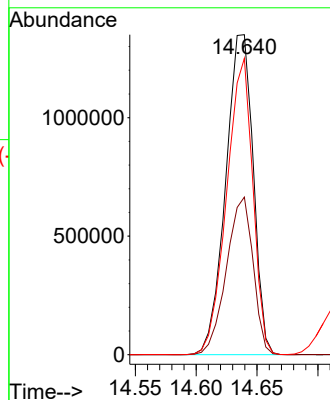
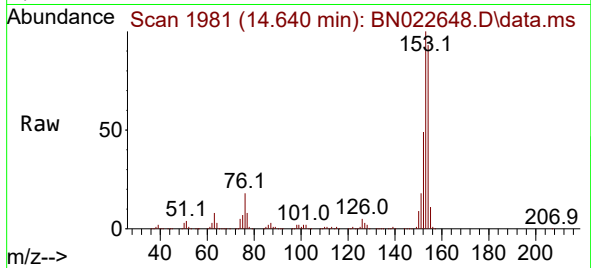




#52
Acenaphthene
Concen: 161.886 ng/ul
RT: 14.640 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

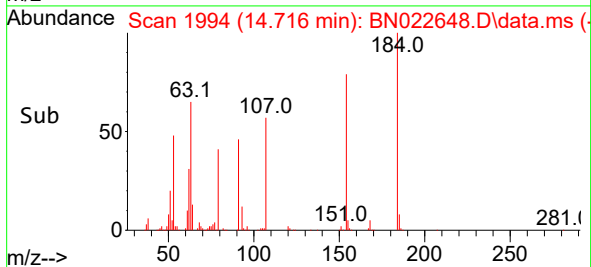
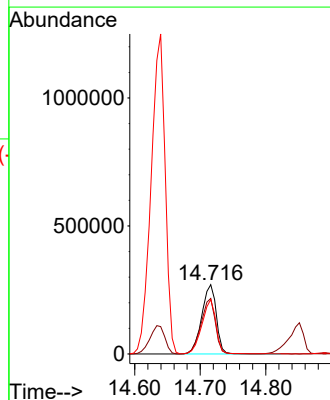
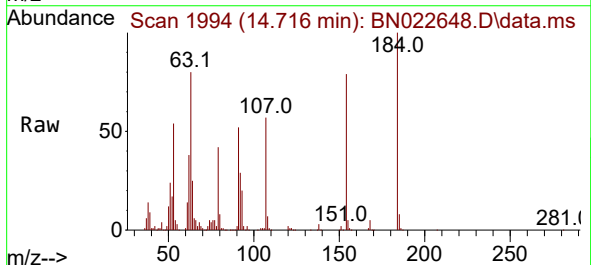
Instrument :
BNA_N
ClientSampleId :
SSTD160208

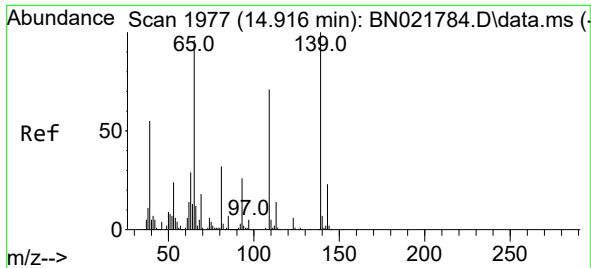
Tgt Ion:153 Resp: 2127182
Ion Ratio Lower Upper
153 100
152 49.2 38.2 57.4
154 92.6 71.9 107.9



#53
2,4-Dinitrophenol
Concen: 322.889 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. 0.023 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:184 Resp: 419142
Ion Ratio Lower Upper
184 100
63 80.1 66.4 99.6
154 78.6 59.4 89.0

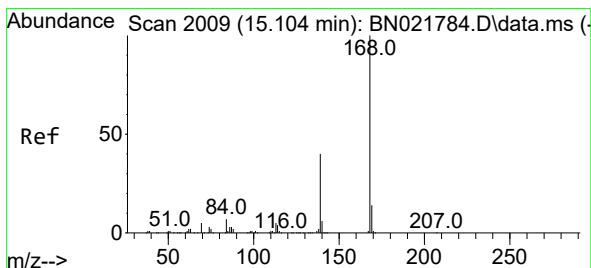
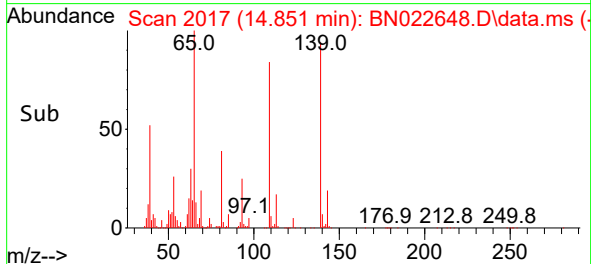
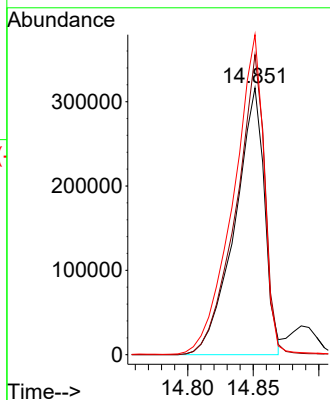
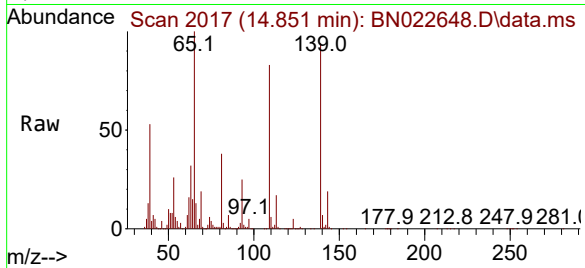




#55
4-Nitrophenol
Concen: 206.550 ng/ul
RT: 14.851 min Scan# 2038
Delta R.T. 0.041 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

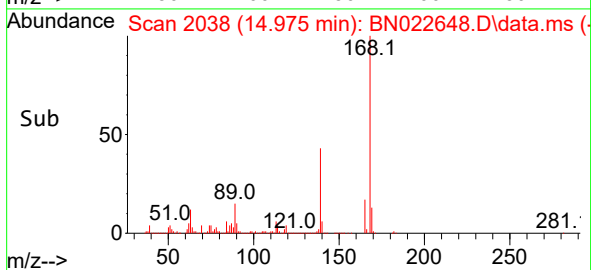
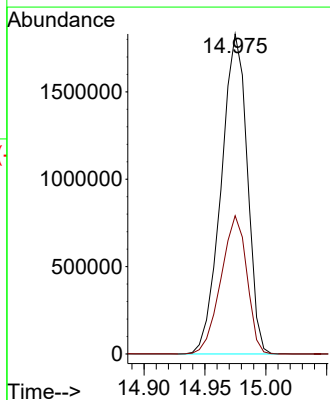
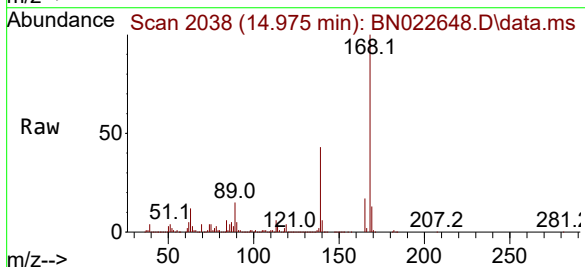
Instrument :
BNA_N
ClientSampleId :
SSTD160208

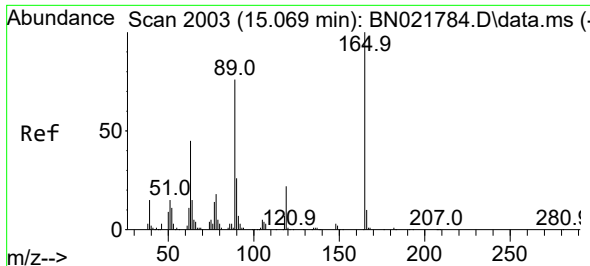
Tgt Ion:109 Resp: 497848
Ion Ratio Lower Upper
109 100
139 112.5 86.0 129.0
65 119.9 102.6 154.0



#56
Dibenzofuran
Concen: 144.480 ng/ul
RT: 14.975 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:168 Resp: 2727647
Ion Ratio Lower Upper
168 100
139 43.2 34.6 52.0

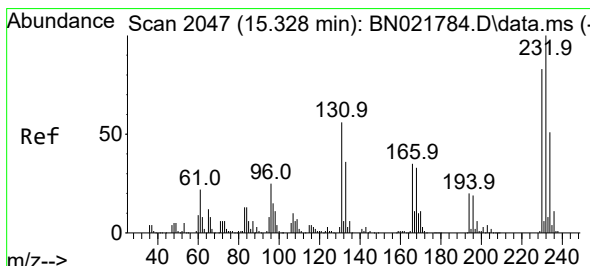
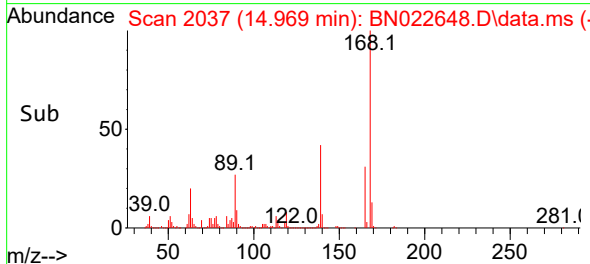
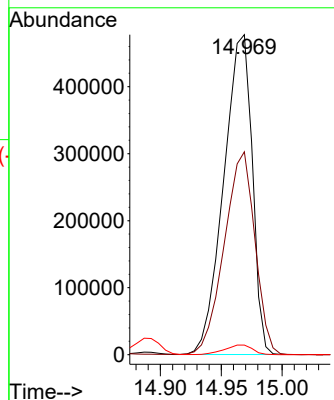
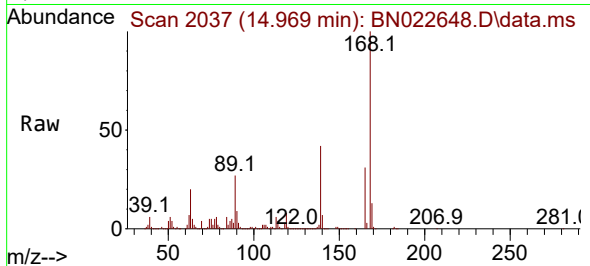




#57
 2,4-Dinitrotoluene
 Concen: 202.365 ng/ul
 RT: 14.969 min Scan# 2003
 Delta R.T. 0.029 min
 Lab File: BN022648.D
 Acq: 15 Nov 2022 13:30

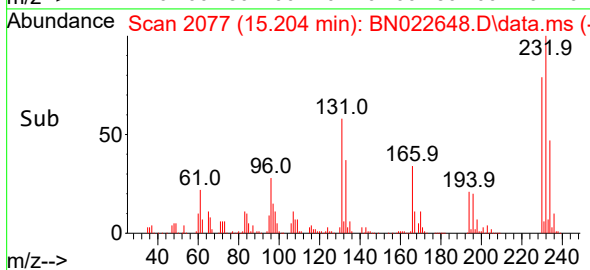
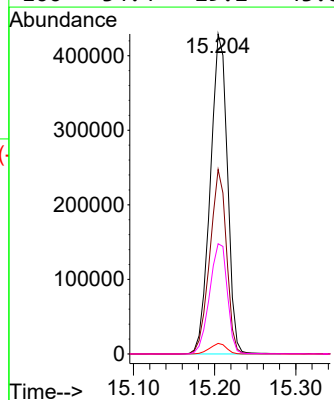
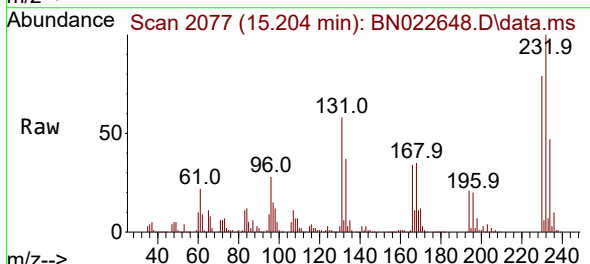
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160208

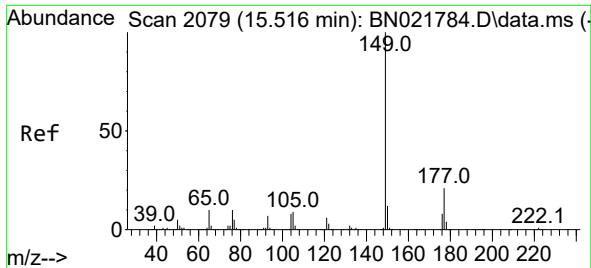
Tgt Ion:165 Resp: 779314
 Ion Ratio Lower Upper
 165 100
 63 63.4 43.4 65.0
 182 3.0 2.3 3.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 212.199 ng/ul
 RT: 15.204 min Scan# 2077
 Delta R.T. 0.012 min
 Lab File: BN022648.D
 Acq: 15 Nov 2022 13:30

Tgt Ion:232 Resp: 628591
 Ion Ratio Lower Upper
 232 100
 131 57.6 47.4 71.0
 130 3.3 2.6 3.8
 166 34.4 29.2 43.8

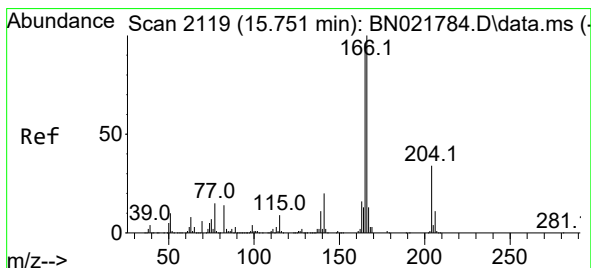
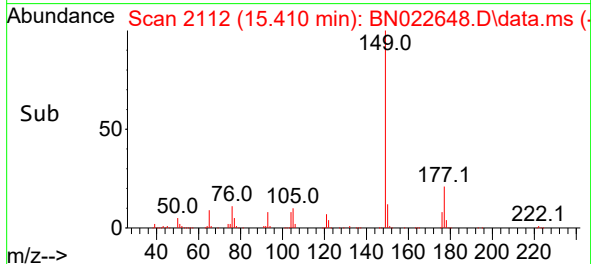
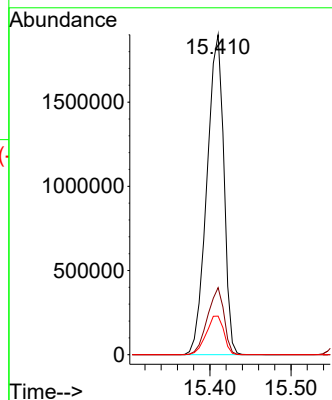
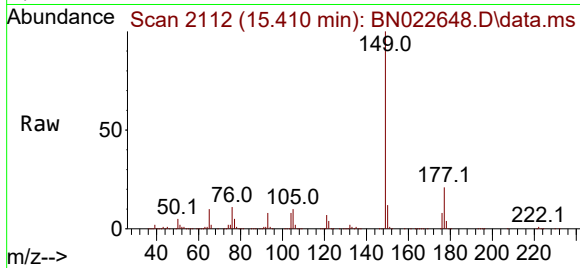




#59
Diethylphthalate
Concen: 175.827 ng/ul
RT: 15.410 min Scan# 2112
Delta R.T. 0.023 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

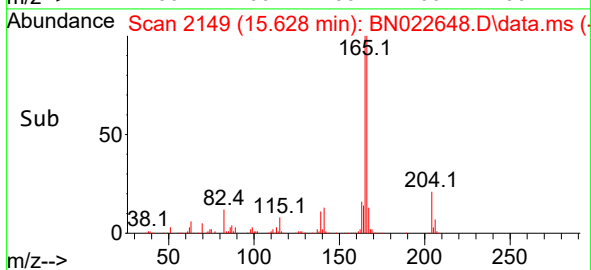
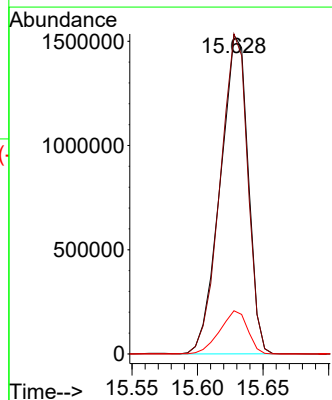
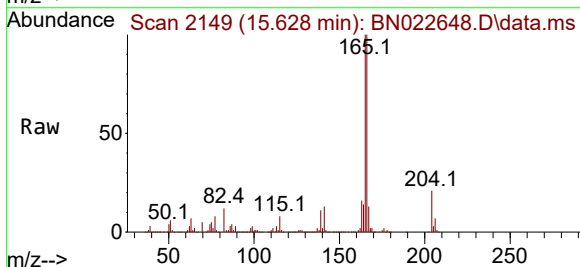
Instrument :
BNA_N
ClientSampleId :
SSTD160208

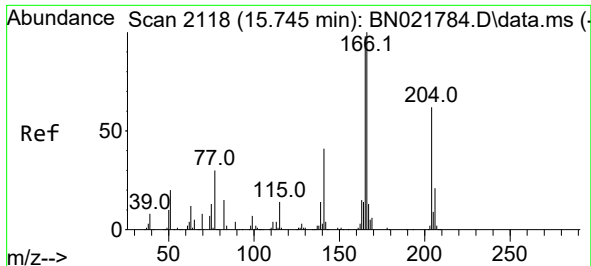
Tgt Ion:149 Resp: 2740572
Ion Ratio Lower Upper
149 100
177 21.0 16.2 24.4
150 12.1 9.7 14.5



#61
Fluorene
Concen: 151.787 ng/ul
RT: 15.628 min Scan# 2149
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:166 Resp: 2260036
Ion Ratio Lower Upper
166 100
165 100.4 74.0 111.0
167 13.5 10.2 15.2





#62

4-Chlorophenyl-phenylether

Concen: 158.118 ng/ul

RT: 15.616 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

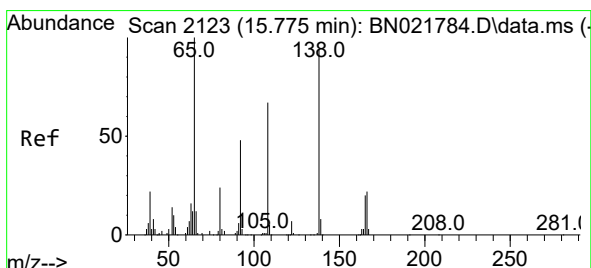
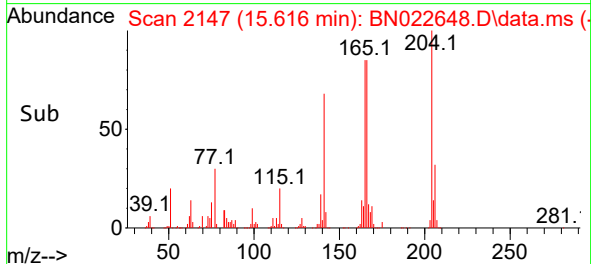
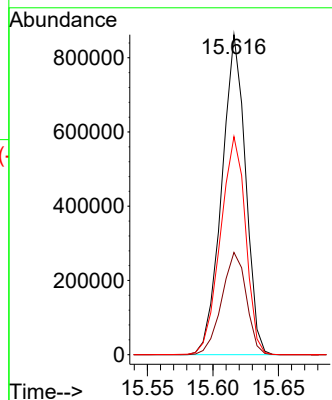
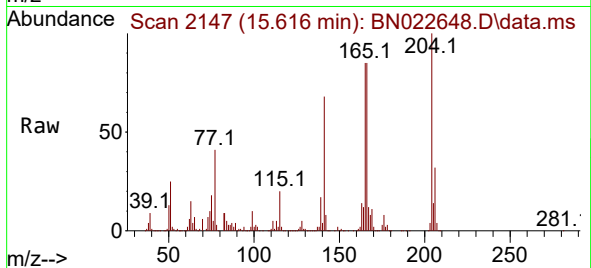
Tgt Ion:204 Resp: 1085285

Ion Ratio Lower Upper

204 100

206 31.9 25.6 38.4

141 68.2 57.2 85.8



#63

4-Nitroaniline

Concen: 155.692 ng/ul

RT: 15.698 min Scan# 2161

Delta R.T. 0.047 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

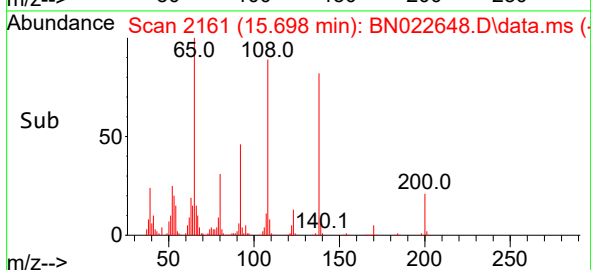
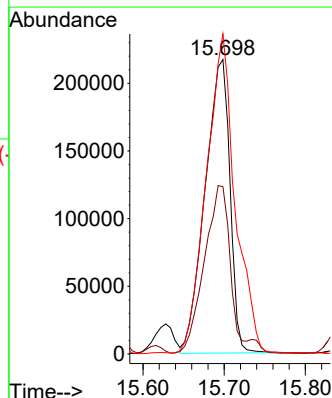
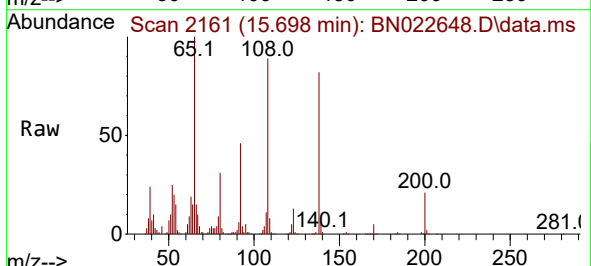
Tgt Ion:138 Resp: 461548

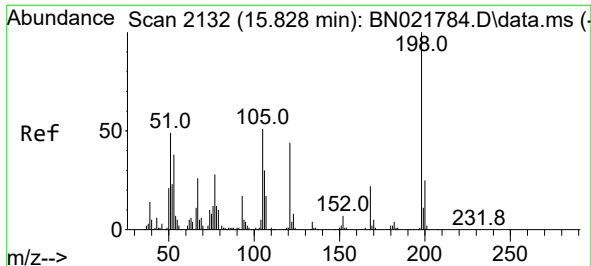
Ion Ratio Lower Upper

138 100

92 56.8 45.5 68.3

108 108.7 79.1 118.7

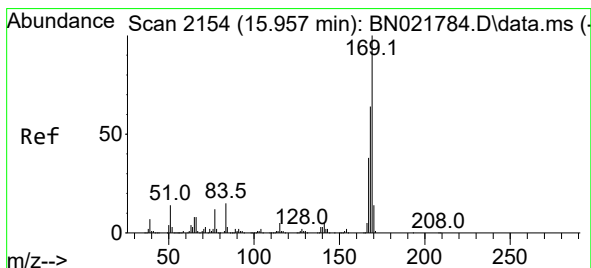
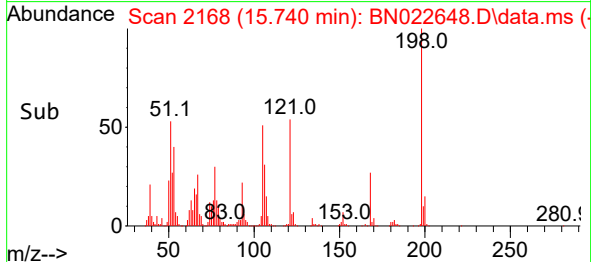
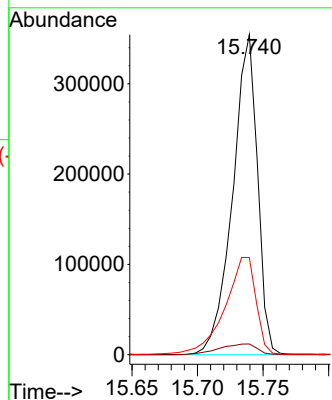
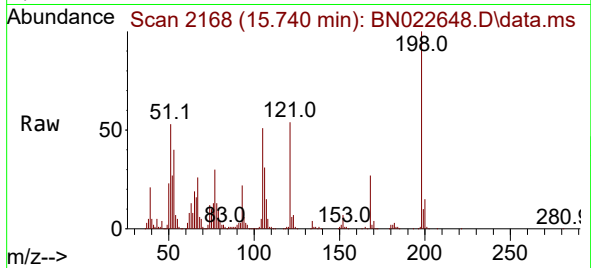




#66
 4,6-Dinitro-2-methylphenol
 Concen: 243.305 ng/ul
 RT: 15.740 min Scan# 2168
 Delta R.T. 0.035 min
 Lab File: BN022648.D
 Acq: 15 Nov 2022 13:30

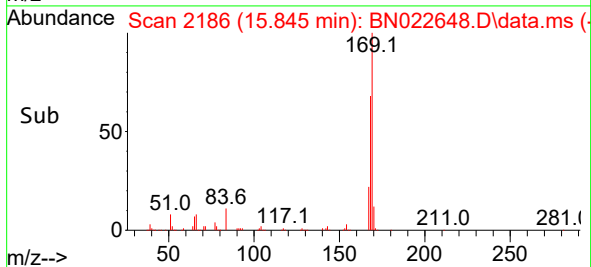
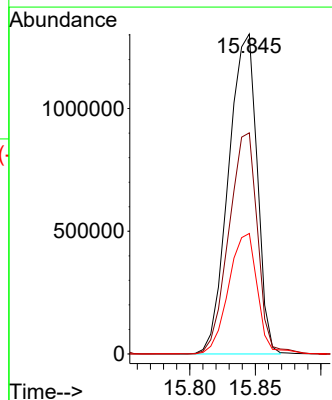
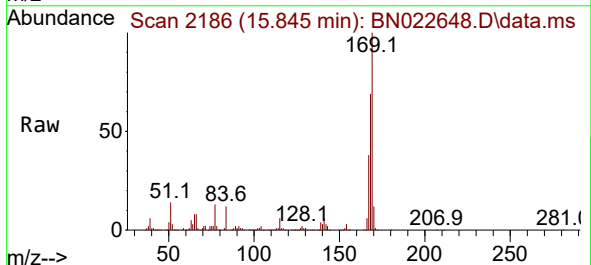
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160208

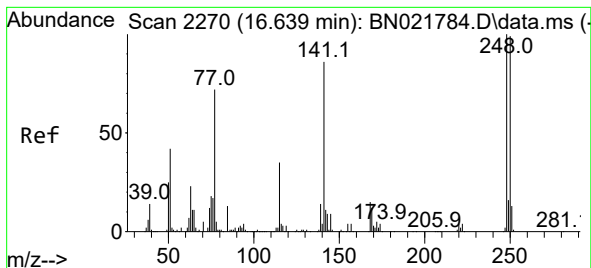
Tgt Ion:198 Resp: 466986
 Ion Ratio Lower Upper
 198 100
 182 3.4 3.1 4.7
 77 30.4 27.3 40.9



#67
 N-Nitrosodiphenylamine
 Concen: 155.544 ng/ul
 RT: 15.845 min Scan# 2186
 Delta R.T. 0.018 min
 Lab File: BN022648.D
 Acq: 15 Nov 2022 13:30

Tgt Ion:169 Resp: 1974635
 Ion Ratio Lower Upper
 169 100
 168 69.1 52.6 79.0
 167 37.6 30.0 45.0

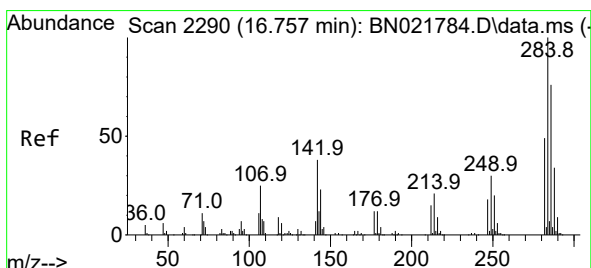
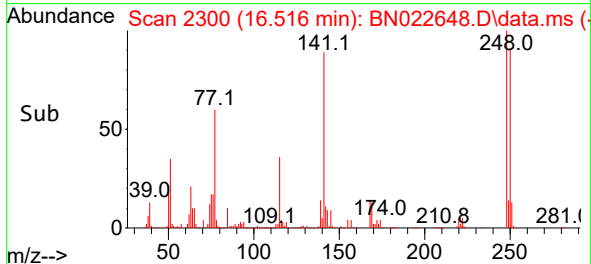
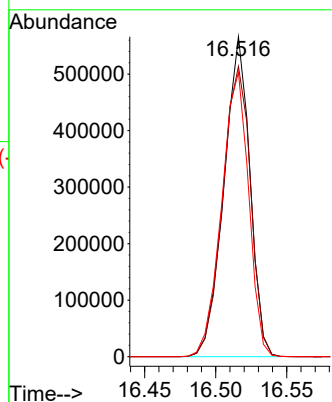
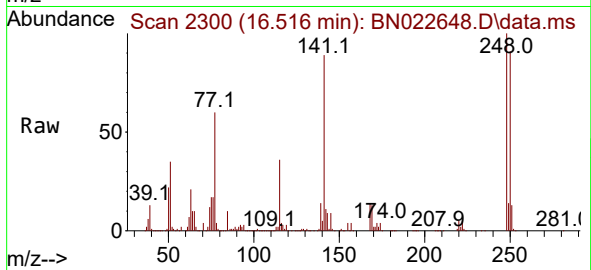




#68
4-Bromophenyl-phenylether
Concen: 179.004 ng/ul
RT: 16.516 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

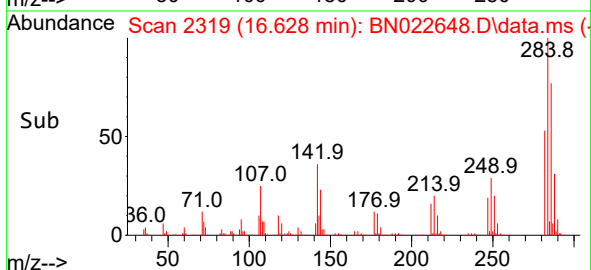
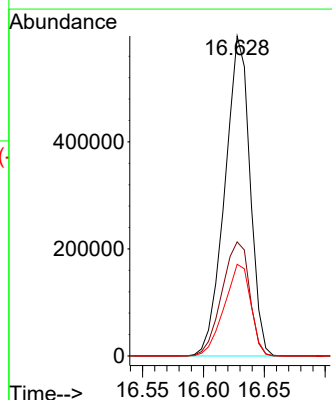
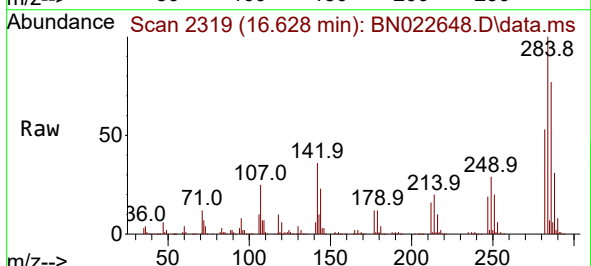
Instrument :
BNA_N
ClientSampleId :
SSTD160208

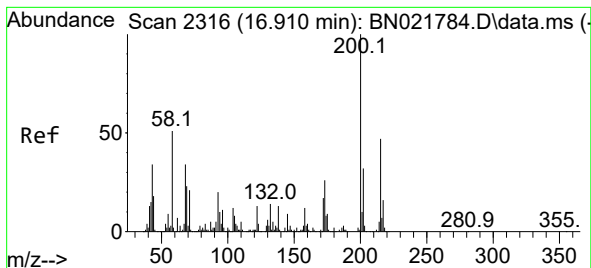
Tgt Ion:248 Resp: 721094
Ion Ratio Lower Upper
248 100
250 90.7 77.0 115.4
141 88.9 77.0 115.4



#69
Hexachlorobenzene
Concen: 178.964 ng/ul
RT: 16.628 min Scan# 2319
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:284 Resp: 858189
Ion Ratio Lower Upper
284 100
142 35.6 37.9 56.9#
249 28.7 28.6 43.0





#70

Atrazine

Concen: 156.755 ng/ul

RT: 16.816 min Scan# 21

Delta R.T. 0.029 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

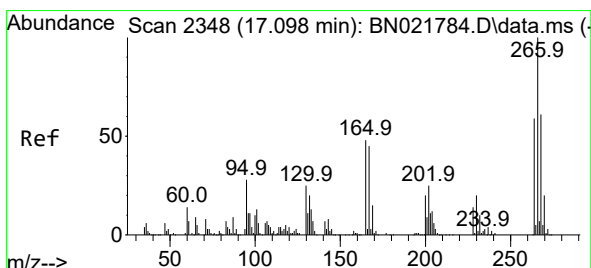
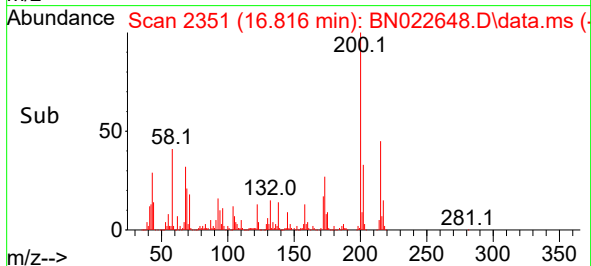
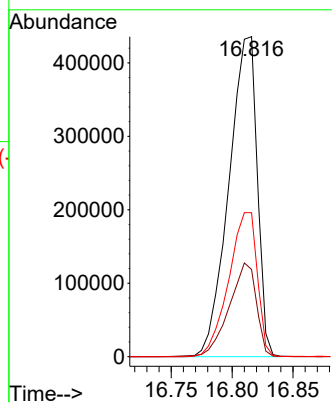
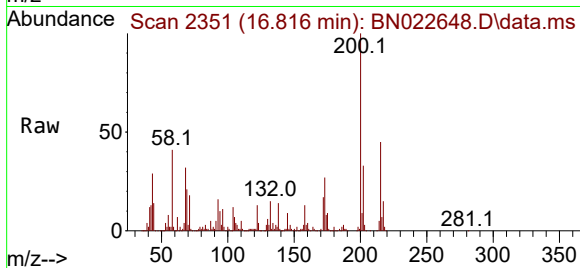
Tgt Ion:200 Resp: 704182

Ion Ratio Lower Upper

200 100

173 27.3 23.2 34.8

215 45.0 38.1 57.1



#71

Pentachlorophenol

Concen: 208.971 ng/ul

RT: 16.981 min Scan# 2379

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

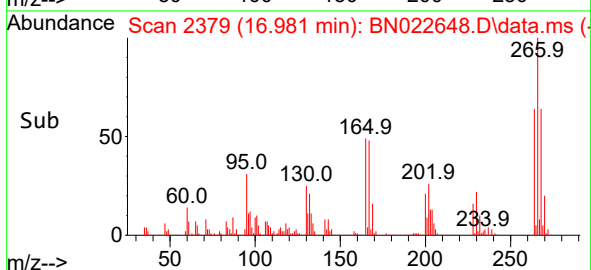
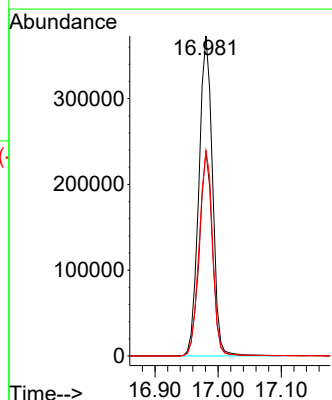
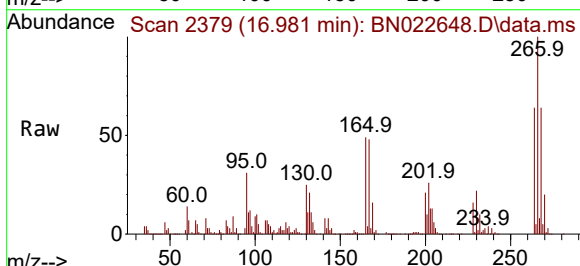
Tgt Ion:266 Resp: 557896

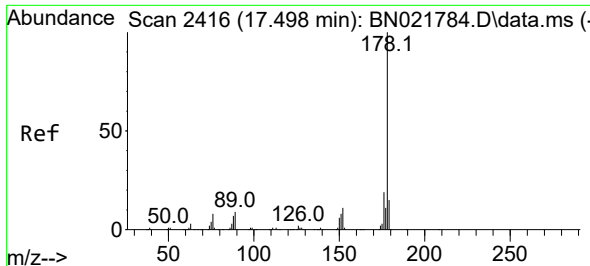
Ion Ratio Lower Upper

266 100

264 64.0 47.8 71.8

268 64.2 50.2 75.2

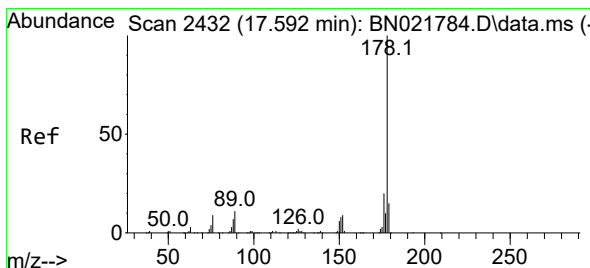
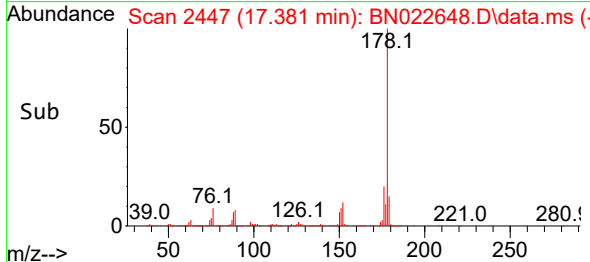
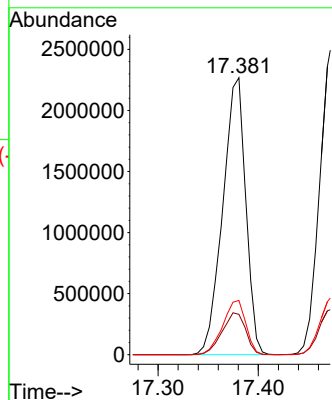
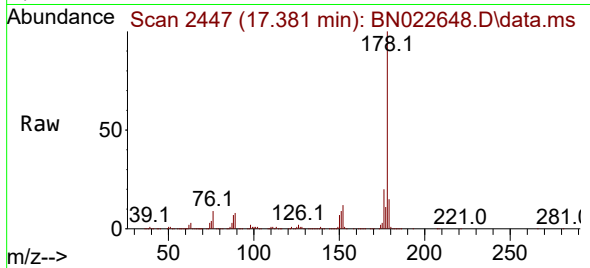




#72
Phenanthrene
Concen: 150.825 ng/u1
RT: 17.381 min Scan# 2416
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

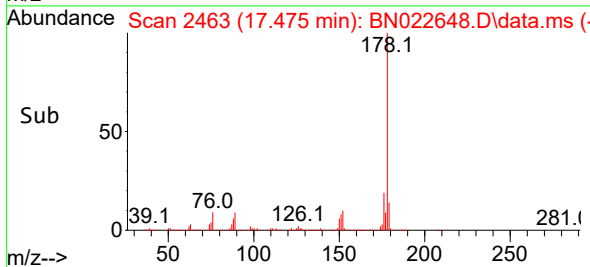
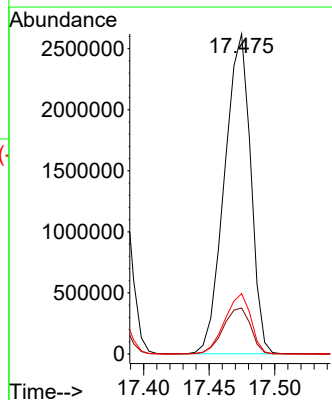
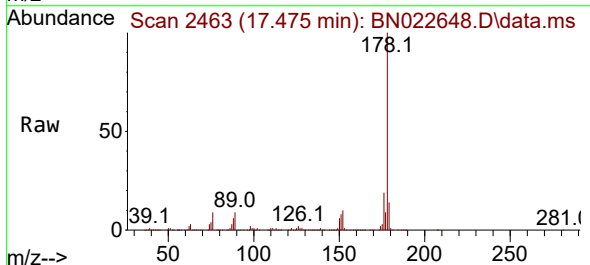
Instrument :
BNA_N
ClientSampleId :
SSTD160208

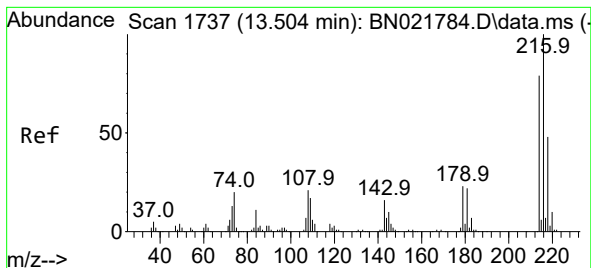
Tgt Ion:178 Resp: 3608508
Ion Ratio Lower Upper
178 100
179 14.6 13.0 19.6
176 19.6 16.1 24.1



#74
Anthracene
Concen: 152.523 ng/u1
RT: 17.475 min Scan# 2463
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:178 Resp: 3633601
Ion Ratio Lower Upper
178 100
179 14.3 12.5 18.7
176 18.9 15.1 22.7

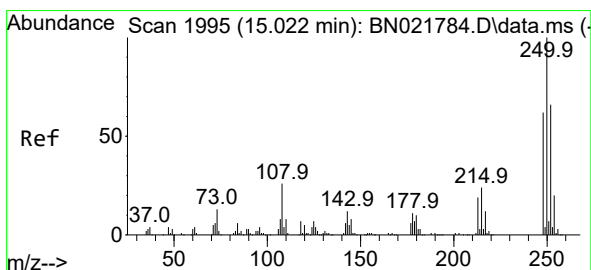
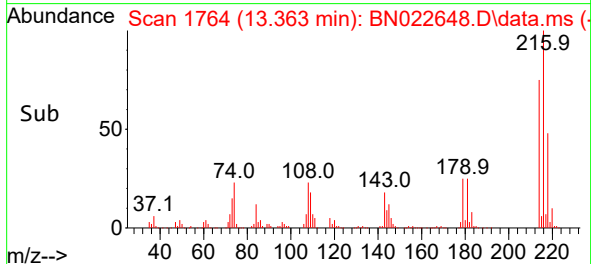
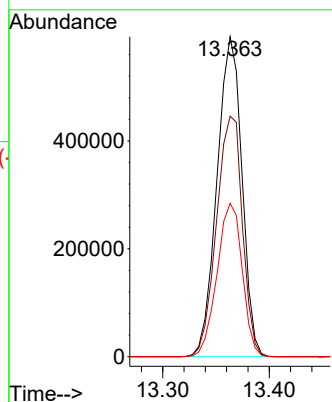
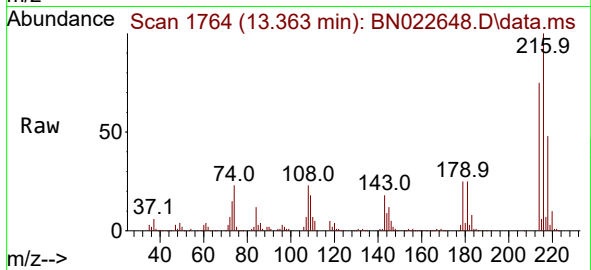




#75
1,2,3,4-Tetrachlorobenzene
Concen: 167.172 ng/uL
RT: 13.363 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

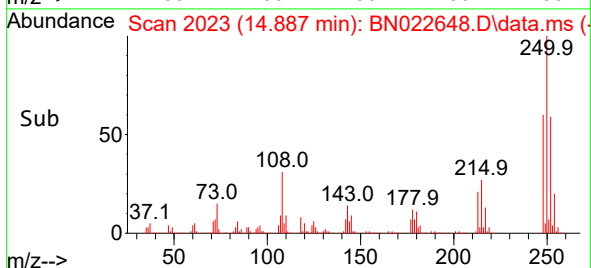
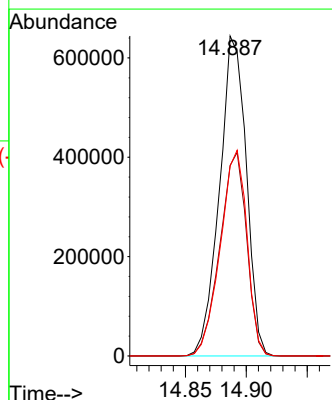
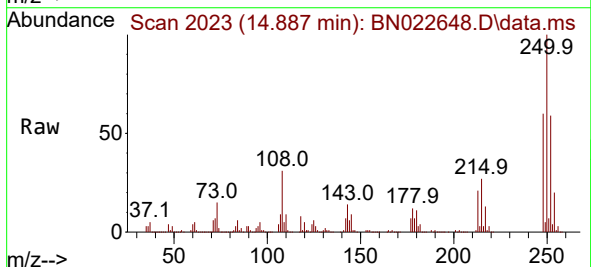
Instrument :
BNA_N
ClientSampleId :
SSTD160208

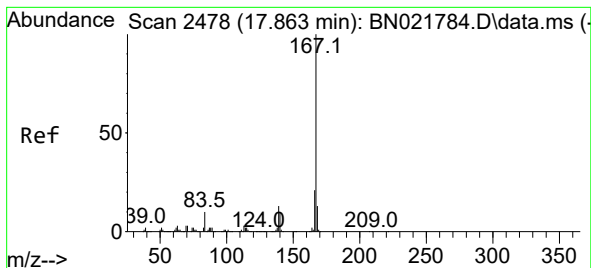
Tgt Ion:216 Resp: 963744
Ion Ratio Lower Upper
216 100
214 75.2 60.3 90.5
218 47.9 39.2 58.8



#76
Pentachlorobenzene
Concen: 179.773 ng/uL
RT: 14.887 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:250 Resp: 987269
Ion Ratio Lower Upper
250 100
248 59.6 50.7 76.1
252 59.4 51.0 76.4





#77

Carbazole

Concen: 154.101 ng/ul

RT: 17.751 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

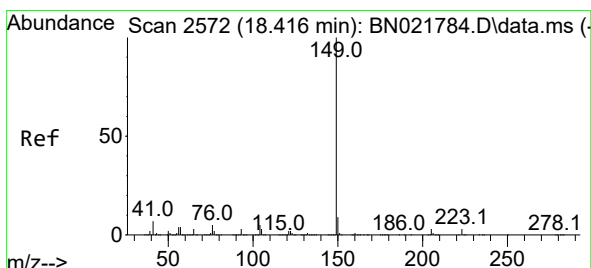
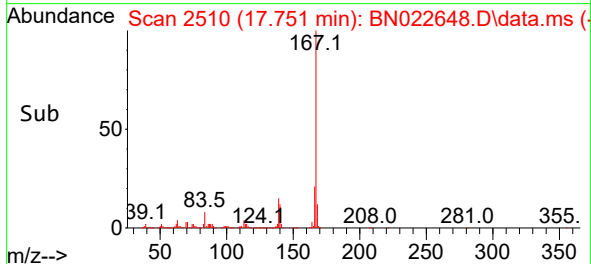
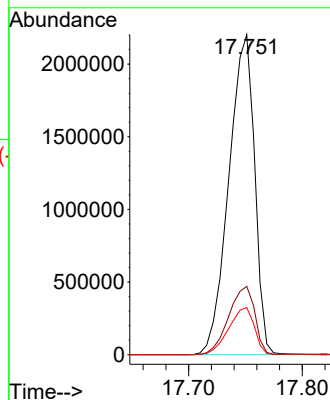
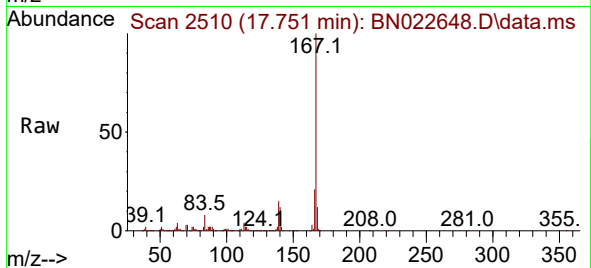
Tgt Ion:167 Resp: 3469306

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.2

139 14.7 11.9 17.9



#78

Di-n-butylphthalate

Concen: 179.726 ng/ul

RT: 18.304 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

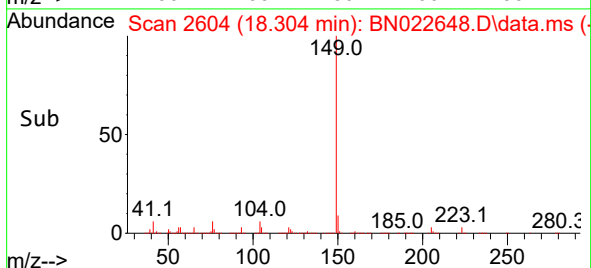
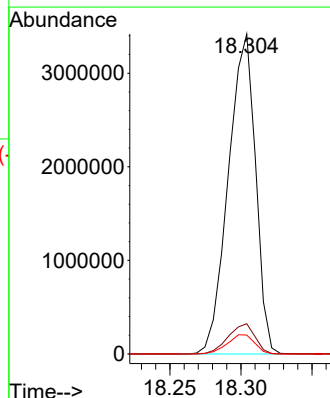
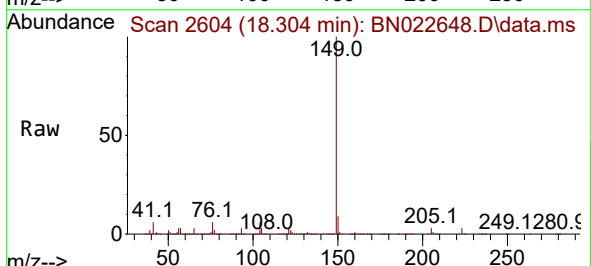
Tgt Ion:149 Resp: 4561828

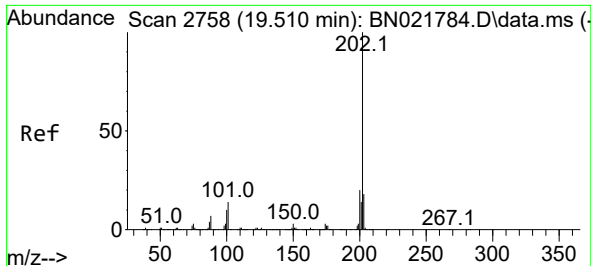
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 5.9 4.6 7.0

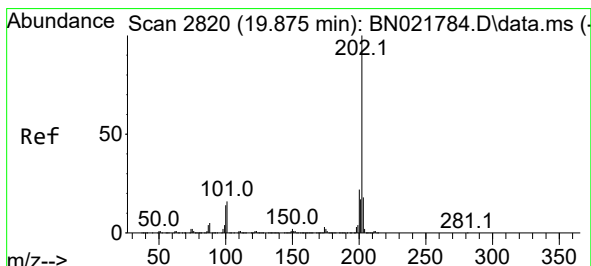
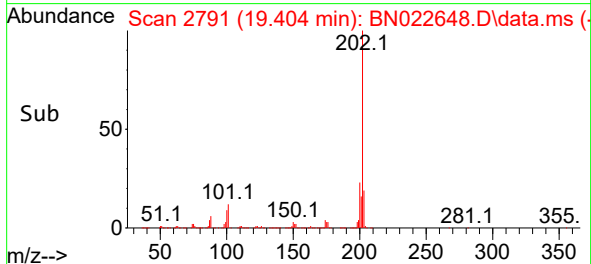
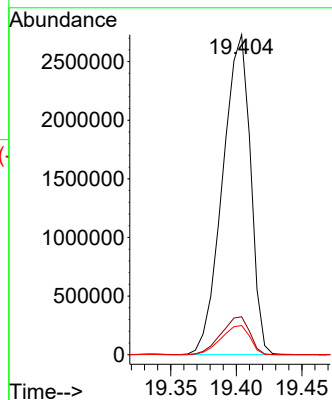
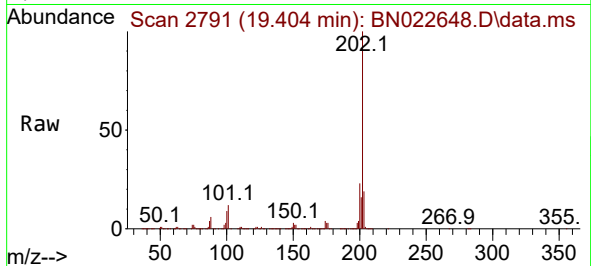




#80
Fluoranthene
Concen: 184.884 ng/ul
RT: 19.404 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

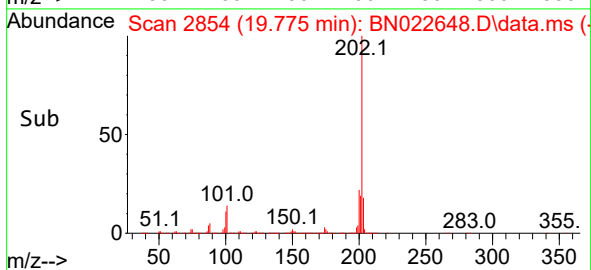
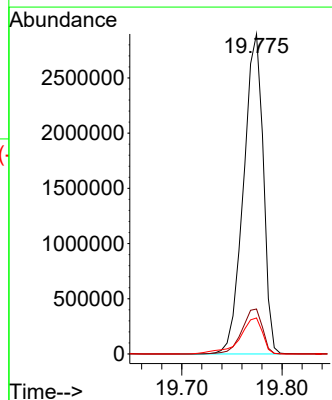
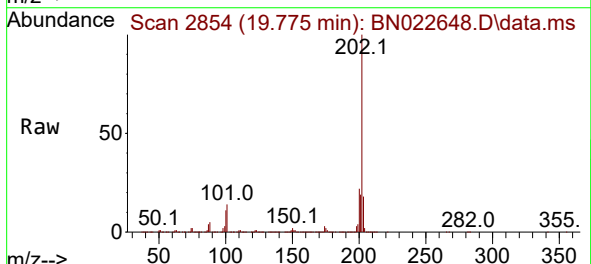
Instrument :
BNA_N
ClientSampleId :
SSTD160208

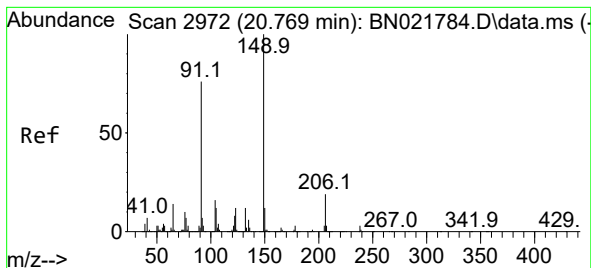
Tgt Ion:202 Resp: 4038183
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 9.1 7.3 10.9



#82
Pyrene
Concen: 173.877 ng/ul
RT: 19.775 min Scan# 2854
Delta R.T. 0.018 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:202 Resp: 3958233
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.2 9.5 14.3





#83

Butylbenzylphthalate

Concen: 247.219 ng/ul

RT: 20.669 min Scan# 3006

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

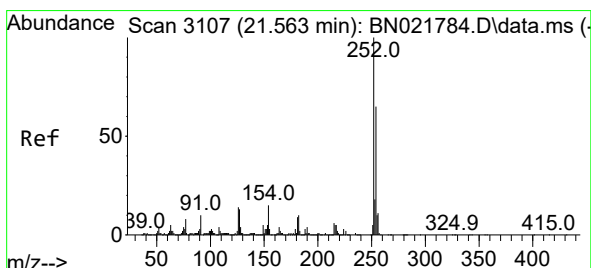
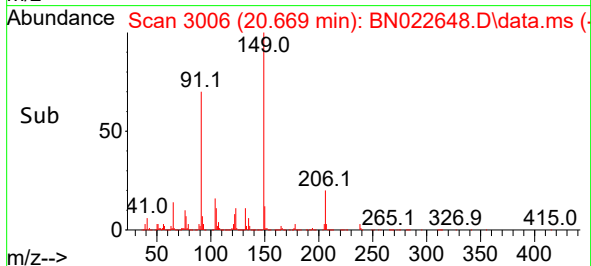
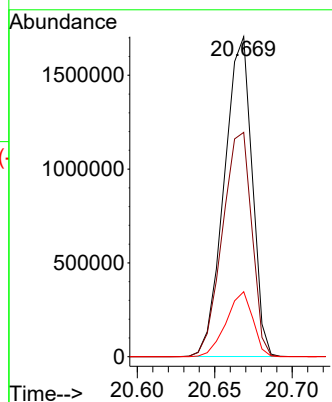
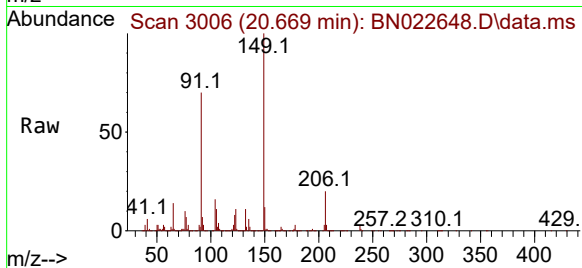
Tgt Ion:149 Resp: 2130108

Ion Ratio Lower Upper

149 100

91 70.1 63.4 95.2

206 20.3 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 168.691 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

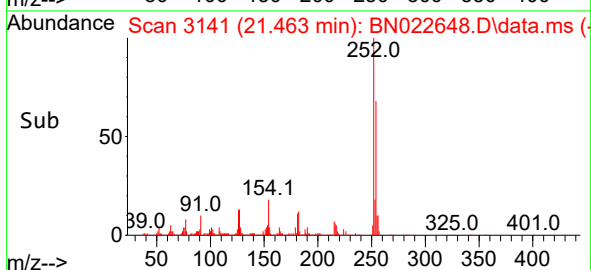
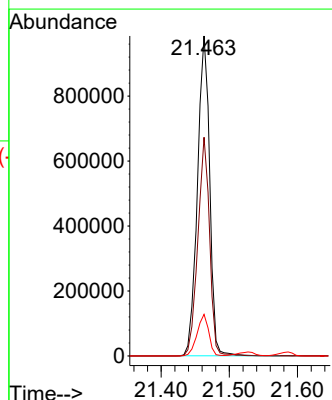
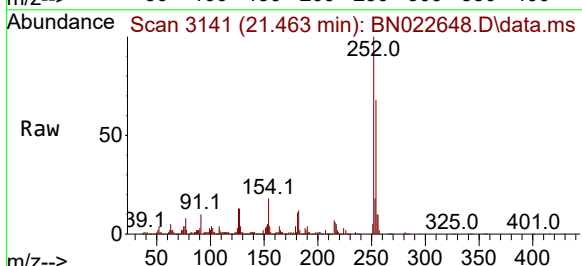
Tgt Ion:252 Resp: 1224708

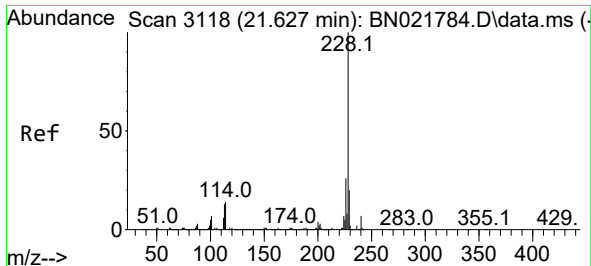
Ion Ratio Lower Upper

252 100

254 68.4 49.0 73.6

126 13.0 11.4 17.0

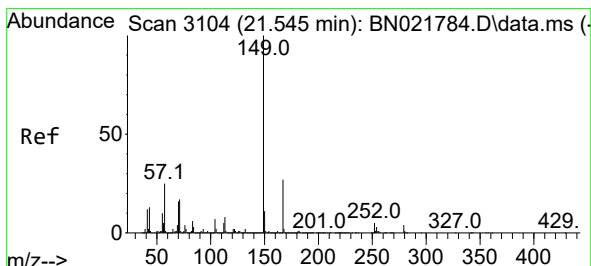
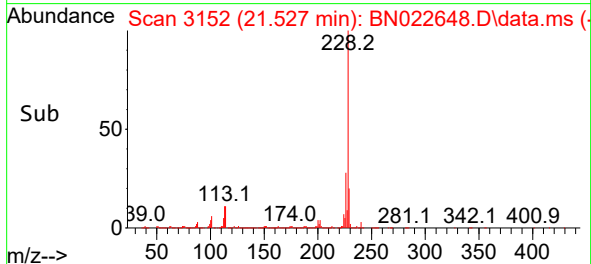
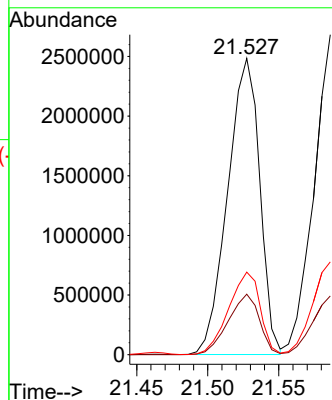
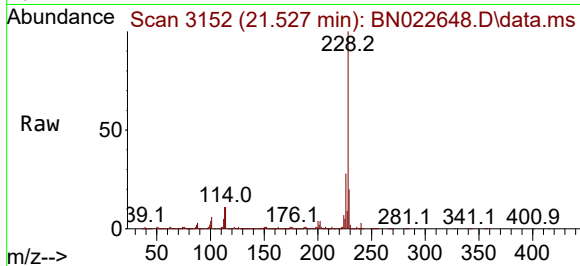




#85
Benzo(a)anthracene
Concen: 170.119 ng/ul
RT: 21.527 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

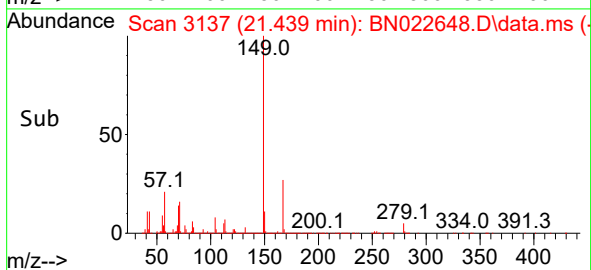
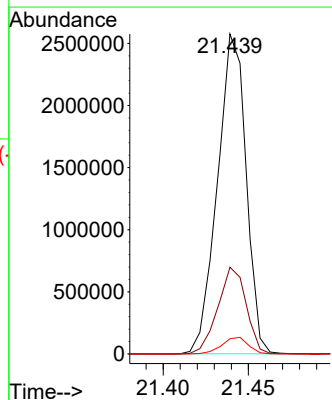
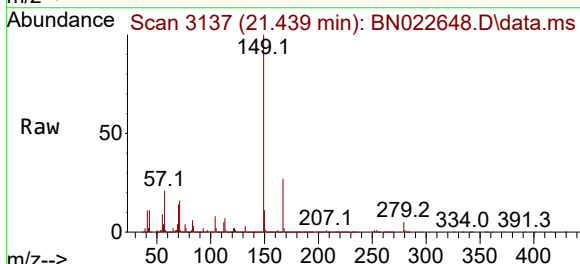
Instrument :
BNA_N
ClientSampleId :
SSTD160208

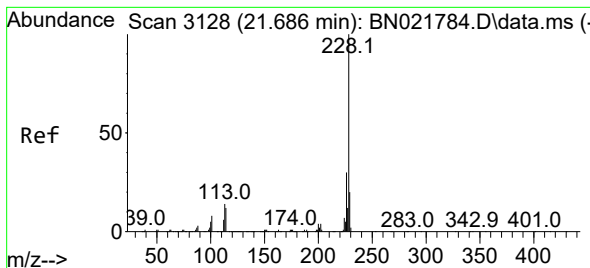
Tgt Ion:228 Resp: 3900178
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.9 22.6 33.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 228.061 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.006 min
Lab File: BN022648.D
Acq: 15 Nov 2022 13:30

Tgt Ion:149 Resp: 3008636
Ion Ratio Lower Upper
149 100
167 27.1 20.7 31.1
279 4.7 2.9 4.3#





#87

Chrysene

Concen: 158.556 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.018 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

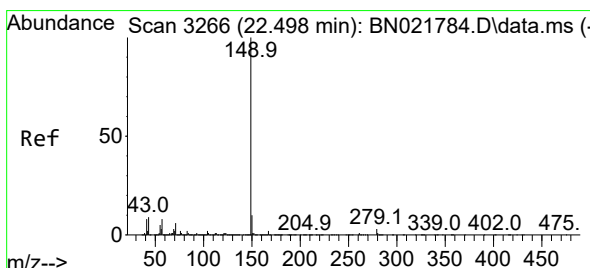
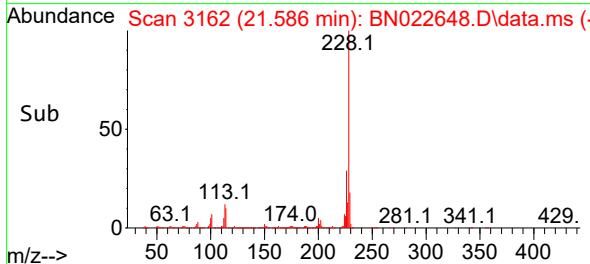
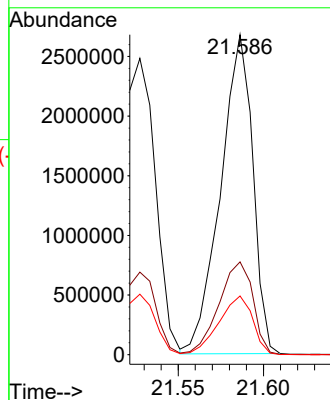
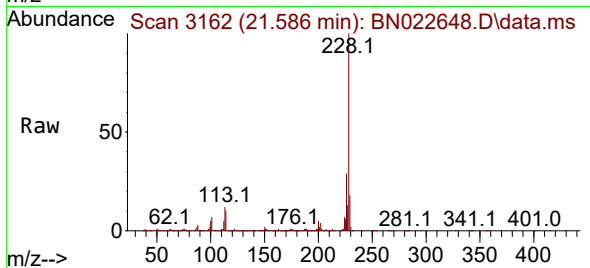
Tgt Ion:228 Resp: 3519489

Ion Ratio Lower Upper

228 100

226 29.0 22.6 34.0

229 18.3 14.8 22.2



#89

Di-n-octyl phthalate

Concen: 252.151 ng/ul

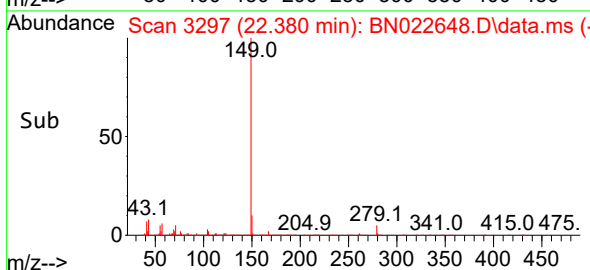
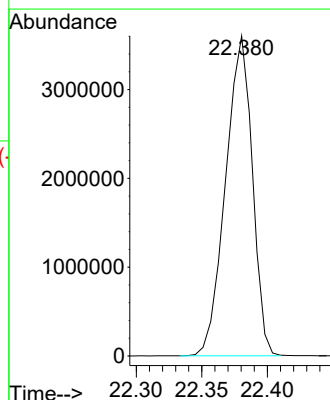
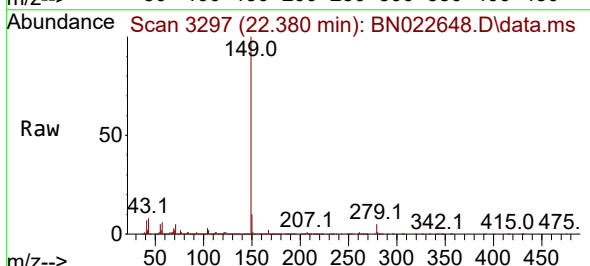
RT: 22.380 min Scan# 3297

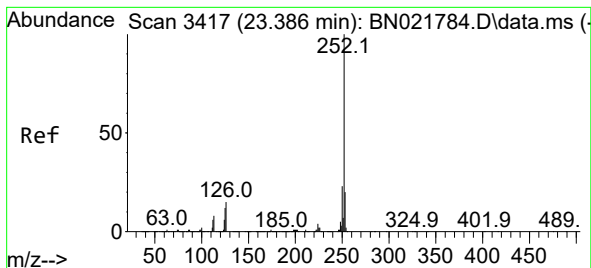
Delta R.T. 0.006 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Tgt Ion:149 Resp: 5099717





#90

Benzo(b)fluoranthene

Concen: 179.639 ng/ul

RT: 23.239 min Scan# 3417

Delta R.T. 0.023 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

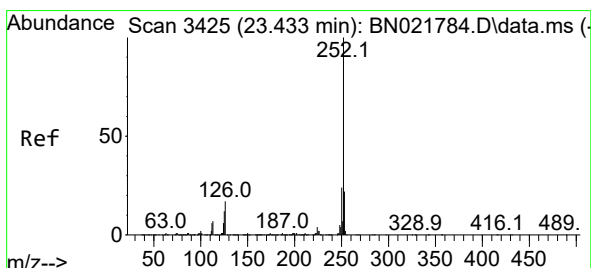
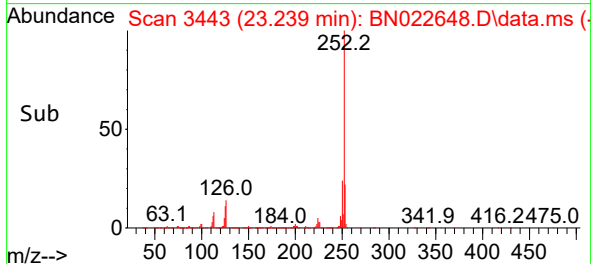
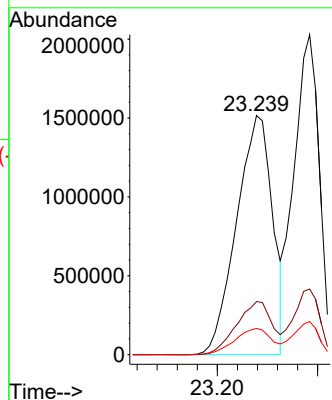
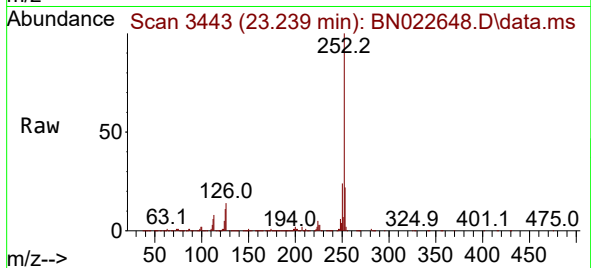
Tgt Ion:252 Resp: 3773484

Ion Ratio Lower Upper

252 100

253 22.2 16.2 24.2

125 11.0 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 188.114 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. 0.029 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

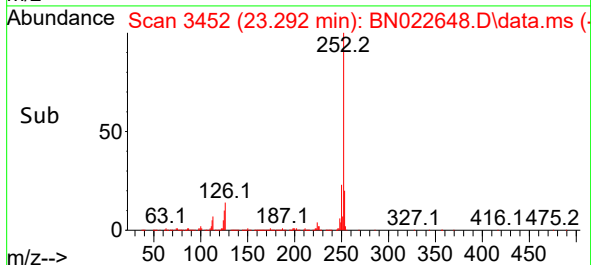
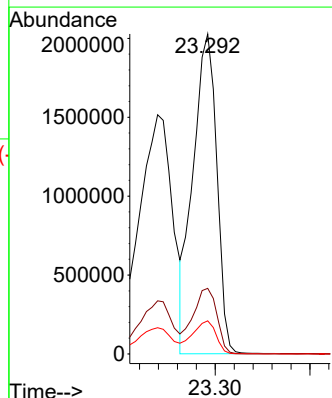
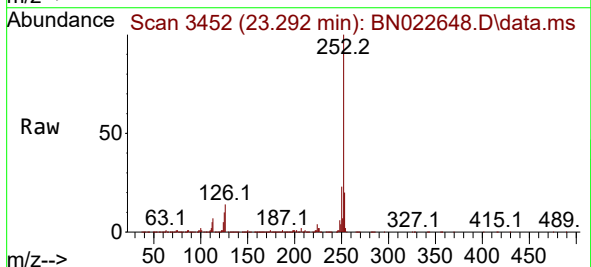
Tgt Ion:252 Resp: 3534772

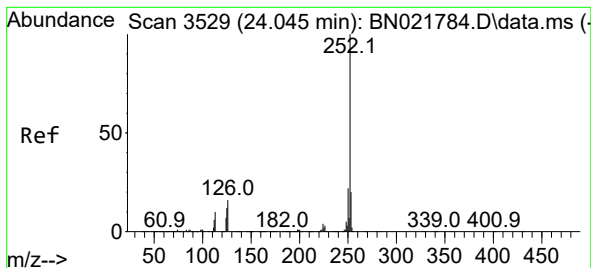
Ion Ratio Lower Upper

252 100

253 20.5 16.2 24.4

125 10.4 9.0 13.6





#93

Benzo(a)pyrene

Concen: 153.380 ng/ul

RT: 23.886 min Scan# 3

Delta R.T. 0.029 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

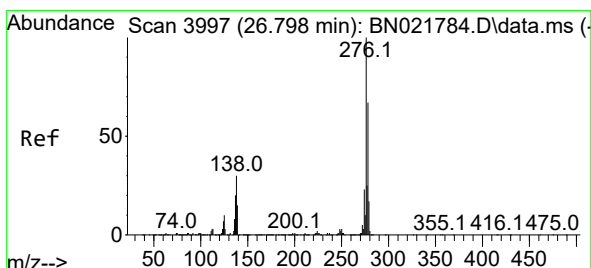
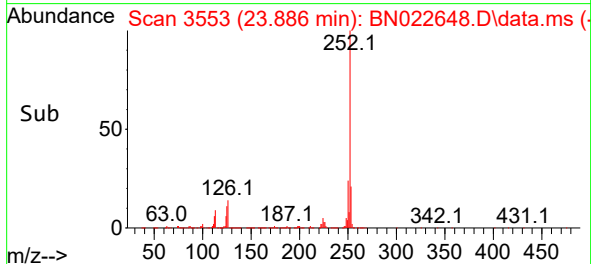
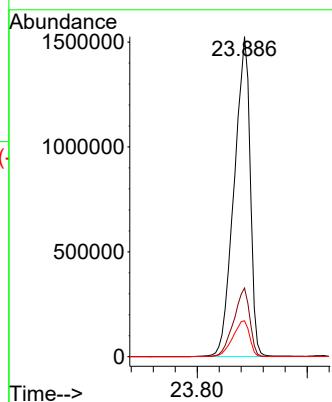
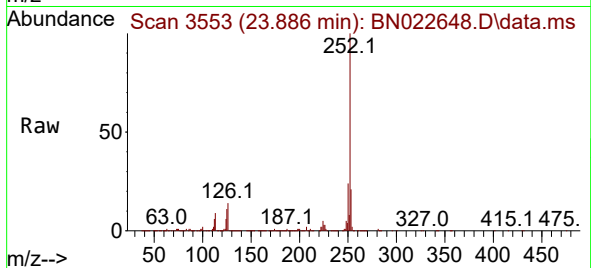
Tgt Ion:252 Resp: 3082622

Ion Ratio Lower Upper

252 100

253 21.4 15.4 23.2

125 11.2 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 57.771 ng/ul

RT: 26.533 min Scan# 4003

Delta R.T. 0.012 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

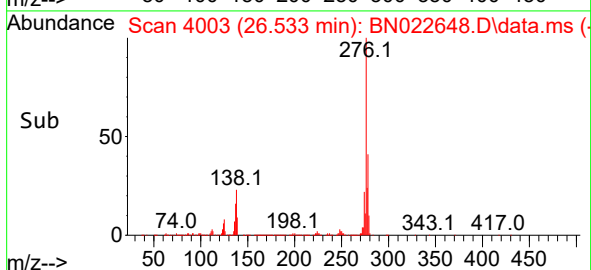
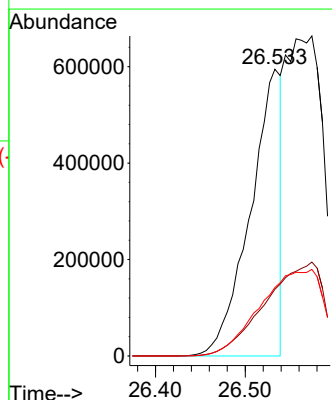
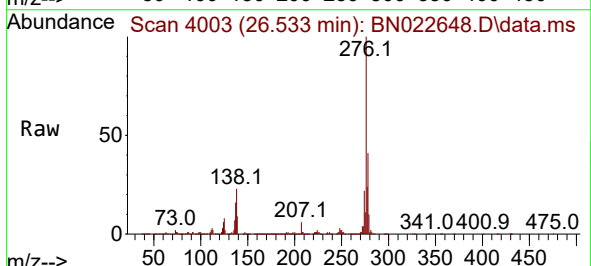
Tgt Ion:276 Resp: 1425414

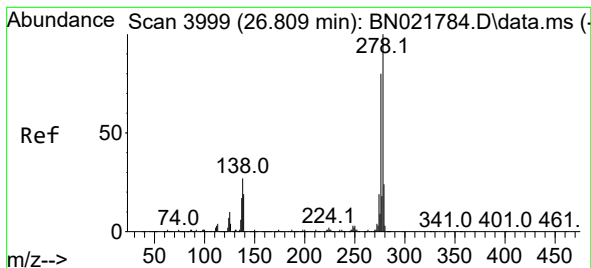
Ion Ratio Lower Upper

276 100

138 23.3 21.3 31.9

277 23.9 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 144.995 ng/ul

RT: 26.580 min Scan# 4011

Delta R.T. 0.047 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Instrument :

BNA_N

ClientSampleId :

SSTD160208

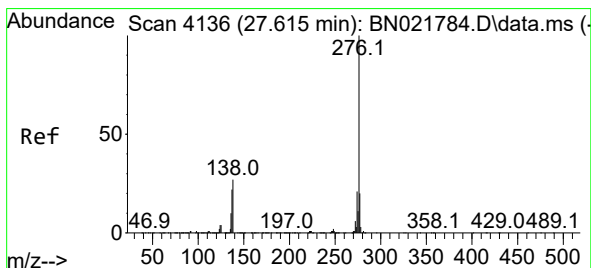
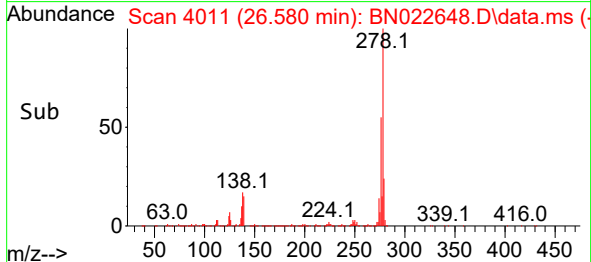
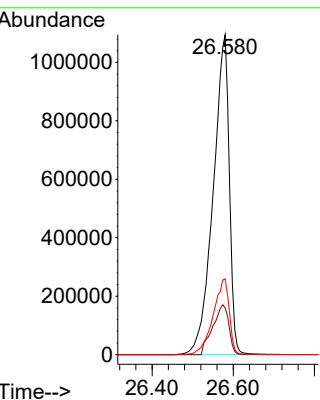
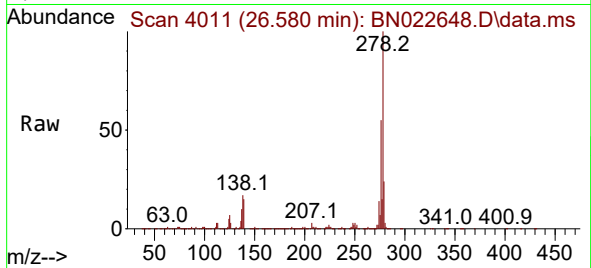
Tgt Ion:278 Resp: 3019145

Ion Ratio Lower Upper

278 100

139 14.6 14.4 21.6

279 23.7 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 135.962 ng/ul

RT: 27.345 min Scan# 4141

Delta R.T. 0.053 min

Lab File: BN022648.D

Acq: 15 Nov 2022 13:30

Tgt Ion:276 Resp: 2927401

Ion Ratio Lower Upper

276 100

138 21.9 18.6 27.8

277 22.9 18.0 27.0

