

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
 Data File : BN024124.D
 Acq On : 03 Mar 2023 12:15
 Operator : CG/JU
 Sample : SSTD16082
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160201

Quant Time: Mar 03 23:08:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 03 23:03:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	226826	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	991841	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	597088	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1258565	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1009439	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1329583	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	333500	59.987	ng/uL	0.00
4) Pyridine-d5	3.828	84	2406711	164.064	ng/u1	0.00
7) Phenol-d5	7.222	99	3108792	170.319	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.393	67	1854852	165.631	ng/u1	0.01
11) 2-Chlorophenol-d4	7.593	132	2493498	163.807	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	2479468	173.966	ng/u1	0.02
21) Nitrobenzene-d5	9.246	128	1240089	175.367	ng/u1	0.02
24) 2-Nitrophenol-d4	9.963	143	1398193	182.770	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.504	165	2334263	145.043	ng/u1	0.01
31) 4-Chloroaniline-d4	11.028	131	3318065	155.224	ng/u1	0.02
46) Dimethylphthalate-d6	14.116	166	6423500	141.571	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	7155112	130.123	ng/u1	0.01
54) 4-Nitrophenol-d4	14.910	143	1381532	174.628	ng/u1	0.04
60) Fluorene-d10	15.698	176	4884467	123.904	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.822	200	1189775	194.978	ng/u1	0.02
73) Anthracene-d10	17.557	188	7374077	123.633	ng/u1	0.02
81) Pyrene-d10	19.845	212	8147090	137.337	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.998	264	9723220	139.364	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	358321	59.235	ng/uL	97
5) Pyridine	3.852	79	2459455	164.087	ng/u1	99
6) Benzaldehyde	7.193	77	921794	101.167	ng/u1	100
8) Phenol	7.252	94	3143967	169.019	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.487	93	2445499	162.930	ng/u1	100
12) 2-Chlorophenol	7.628	128	2455721	159.437	ng/u1	97
13) 2-Methylphenol	8.510	108	2398138	170.732	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.605	45	3821150	186.548	ng/u1	98
16) Acetophenone	8.905	105	3440988	160.027	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.916	70	1665257	154.086	ng/u1	99
18) 4-Methylphenol	8.857	108	2644998	177.119	ng/u1	99
19) Hexachloroethane	9.158	117	971492	156.221	ng/u1	93
22) Nitrobenzene	9.287	77	2806362	161.088	ng/u1	96
23) Isophorone	9.834	82	5487013	153.795	ng/u1	97
25) 2-Nitrophenol	9.999	139	1424780	168.304	ng/u1	94
26) 2,4-Dimethylphenol	10.057	107	2696573	147.922	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.299	93	3294620	151.354	ng/u1	98
29) 2,4-Dichlorophenol	10.534	162	2259379	142.749	ng/u1	99
30) Naphthalene	10.940	128	7352203	135.921	ng/u1	98
32) 4-Chloroaniline	11.057	127	3219633	151.148	ng/u1	99
33) Hexachlorobutadiene	11.222	225	1346883	123.997	ng/u1	97
35) 4-Chloro-3-methylphenol	12.175	107	2517375	156.414	ng/u1	97
36) 2-Methylnaphthalene	12.540	142	4803552	137.329	ng/u1	98
37) 1-Methylnaphthalene	12.763	142	4749643	137.327	ng/u1	97

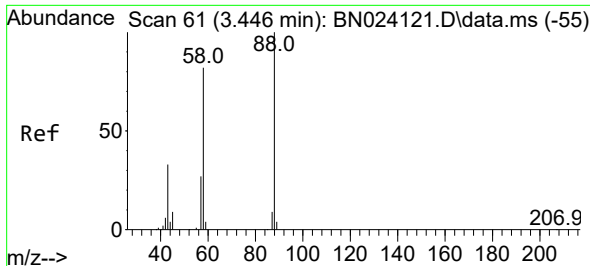
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.910	216	2350880	114.835	ng/ul	96
40) Hexachlorocyclopentadiene	12.887	237	1626633	150.044	ng/ul	99
41) 2,4,6-Trichlorophenol	13.140	196	1799827	136.761	ng/ul	96
42) 2,4,5-Trichlorophenol	13.216	196	1959548	139.389	ng/ul	96
43) 1,1'-Biphenyl	13.546	154	6007565	123.605	ng/ul	96
44) 2-Chloronaphthalene	13.587	162	4919748	128.033	ng/ul	97
45) 2-Nitroaniline	13.793	65	1670311	235.267	ng/ul	98
47) Dimethylphthalate	14.169	163	6145152	136.137	ng/ul	98
48) 2,6-Dinitrotoluene	14.293	165	1388360	224.906	ng/ul	91
50) Acenaphthylene	14.434	152	7215450	124.033	ng/ul	97
51) 3-Nitroaniline	14.616	138	1249831	169.443	ng/ul	93
52) Acenaphthene	14.769	153	4973943	125.755	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	953636	223.819	ng/ul	95
55) 4-Nitrophenol	14.928	109	1028978	165.396	ng/ul	89
56) Dibenzofuran	15.104	168	6892776	125.474	ng/ul	97
57) 2,4-Dinitrotoluene	15.075	165	2001502	219.148	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.328	232	1580288	135.143	ng/ul	99
59) Diethylphthalate	15.528	149	6320823	145.230	ng/ul	98
61) Fluorene	15.757	166	4633246	106.652	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.740	204	2316391	105.195	ng/ul	96
63) 4-Nitroaniline	15.792	138	1141604	173.598	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.839	198	1142796	183.586	ng/ul#	99
67) N-Nitrosodiphenylamine	15.957	169	4680454	124.587	ng/ul	97
68) 4-Bromophenyl-phenylether	16.639	248	1748069	123.890	ng/ul	98
69) Hexachlorobenzene	16.757	284	1925670	117.704	ng/ul	97
70) Atrazine	16.916	200	1825953	143.988	ng/ul	98
71) Pentachlorophenol	17.092	266	1404898	137.313	ng/ul	96
72) Phenanthrene	17.498	178	8516736	122.165	ng/ul	96
74) Anthracene	17.592	178	8050601	114.548	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.510	216	2620026	122.481	ng/uL	98
76) Pentachlorobenzene	15.028	250	2400342	120.883	ng/uL	98
77) Carbazole	17.857	167	8113727	133.851	ng/ul	98
78) Di-n-butylphthalate	18.416	149	9993118	144.214	ng/ul	99
80) Fluoranthene	19.504	202	9327566	133.052	ng/ul	96
82) Pyrene	19.875	202	8967861	124.146	ng/ul	94
83) Butylbenzylphthalate	20.763	149	3953394	355.916	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.551	252	2809411	133.866	ng/ul#	91
85) Benzo(a)anthracene	21.622	228	9474872	133.654	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	5282650	258.508	ng/ul	100
87) Chrysene	21.680	228	8598192	127.271	ng/ul	98
89) Di-n-octyl phthalate	22.510	149	11743545	212.320	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	11829004	138.946	ng/ul	98
91) Benzo(k)fluoranthene	23.445	252	9807385	118.257	ng/ul	97
93) Benzo(a)pyrene	24.063	252	9854188	128.768	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	7388976	72.798	ng/ul	96
95) Dibenzo(a,h)anthracene	26.851	278	10034913	120.669	ng/ul	97
96) Benzo(g,h,i)perylene	27.633	276	11156742	133.163	ng/ul	97

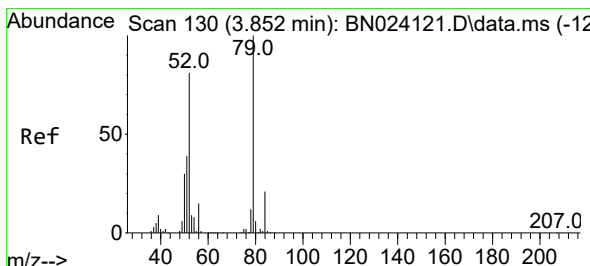
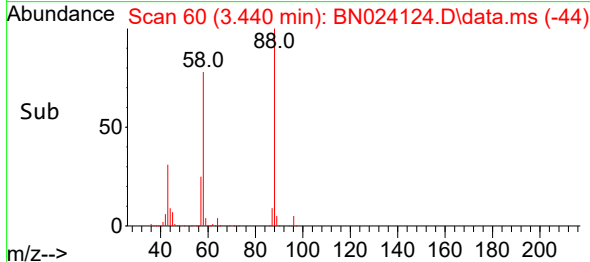
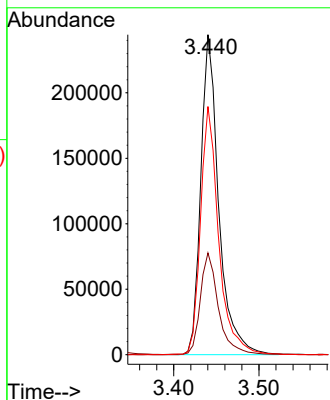
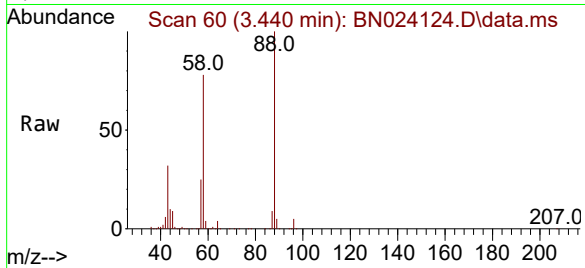
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#2
1,4-Dioxane
Concen: 59.235 ng/uL
RT: 3.440 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN024124.D
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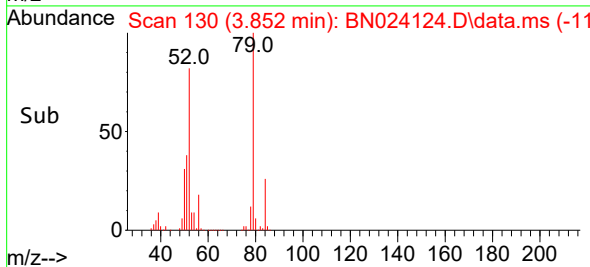
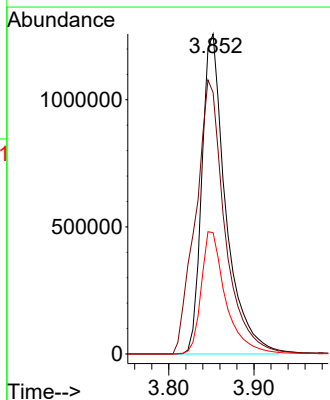
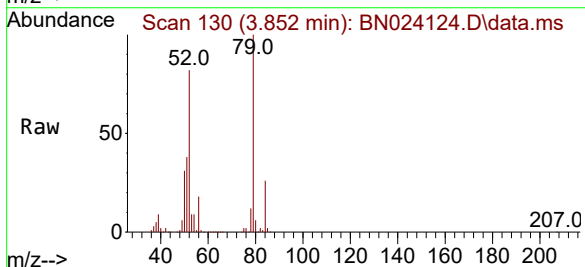
Instrument :
BNA_N
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SSTD160201

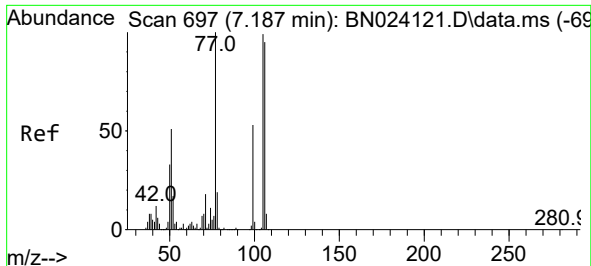
Tgt Ion: 88 Resp: 358321
Ion Ratio Lower Upper
88 100
43 31.8 26.2 39.4
58 77.6 64.9 97.3



#5
Pyridine
Concen: 164.087 ng/uL
RT: 3.852 min Scan# 130
Delta R.T. 0.000 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion: 79 Resp: 2459455
Ion Ratio Lower Upper
79 100
52 81.7 65.1 97.7
51 37.9 31.4 47.0

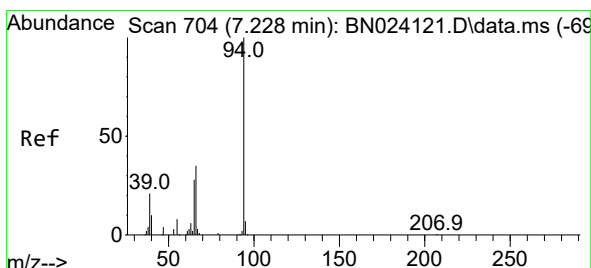
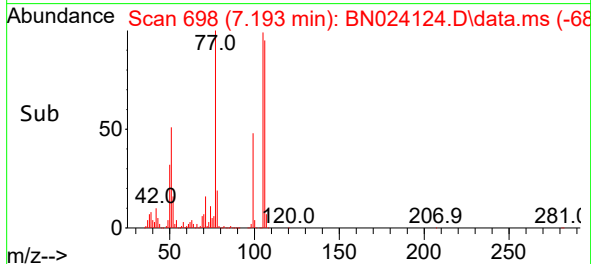
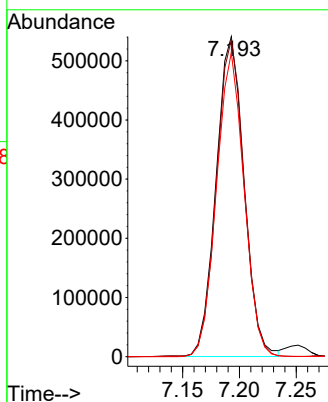
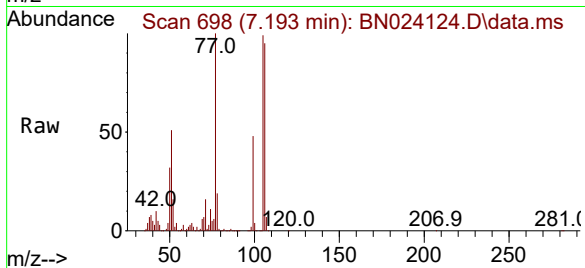




#6
Benzaldehyde
Concen: 101.167 ng/ul
RT: 7.193 min Scan# 697
Delta R.T. 0.006 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

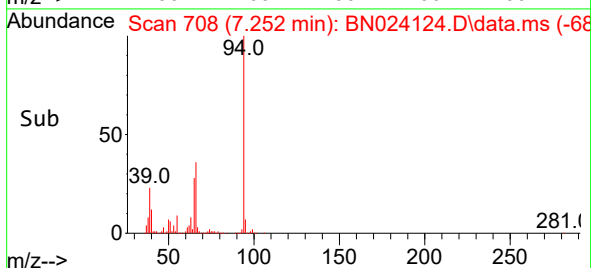
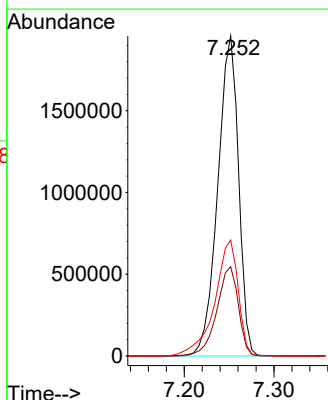
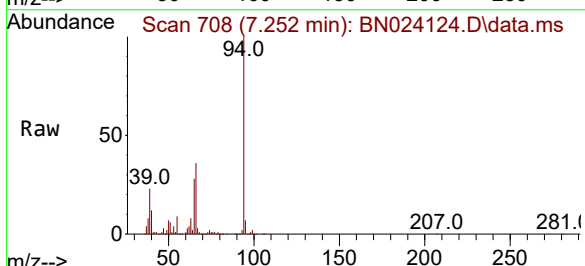
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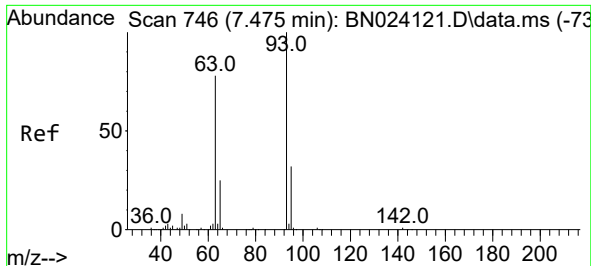
Tgt Ion: 77 Resp: 921794
Ion Ratio Lower Upper
77 100
105 99.1 79.2 118.8
106 95.0 75.9 113.9



#8
Phenol
Concen: 169.019 ng/ul
RT: 7.252 min Scan# 708
Delta R.T. 0.024 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion: 94 Resp: 3143967
Ion Ratio Lower Upper
94 100
65 27.9 22.9 34.3
66 36.3 29.0 43.6

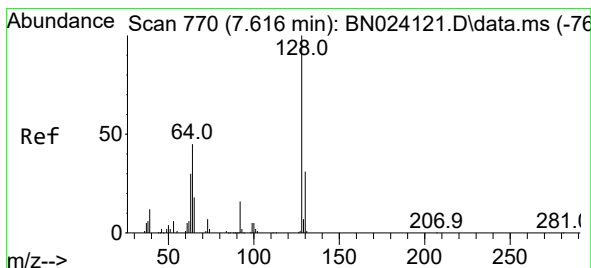
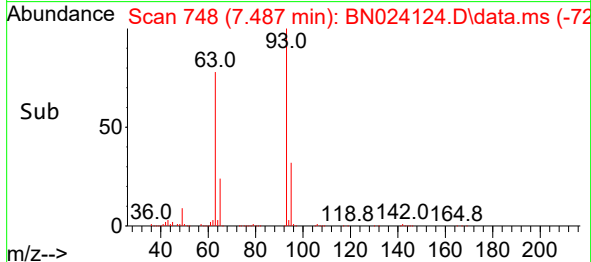
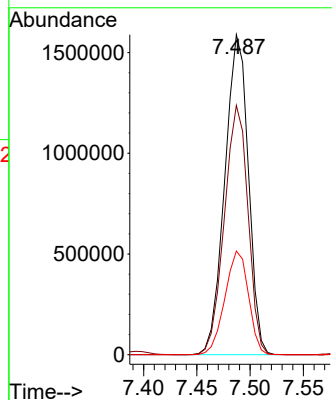
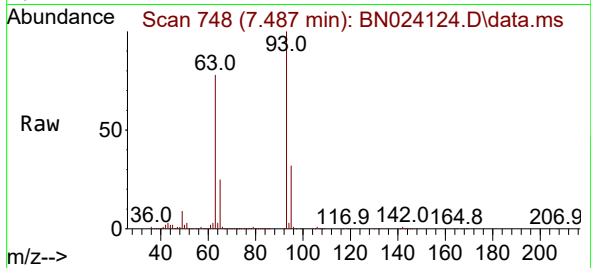




#10
Bis(2-Chloroethyl)ether
Concen: 162.930 ng/ul
RT: 7.487 min Scan# 746
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

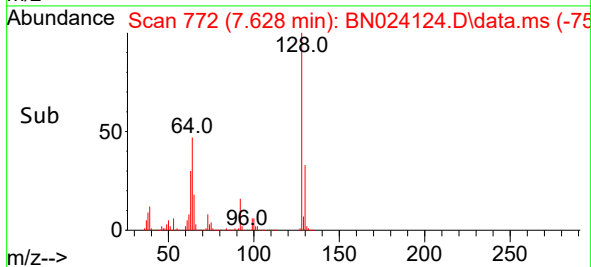
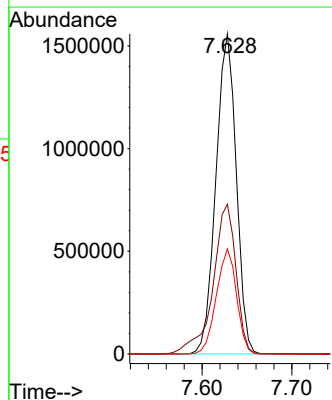
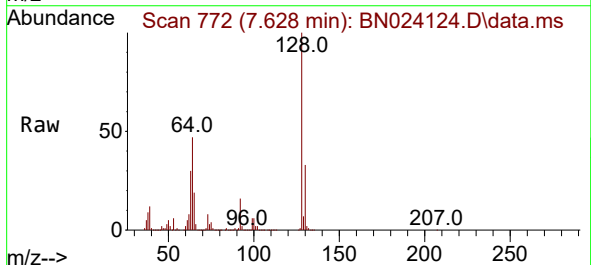
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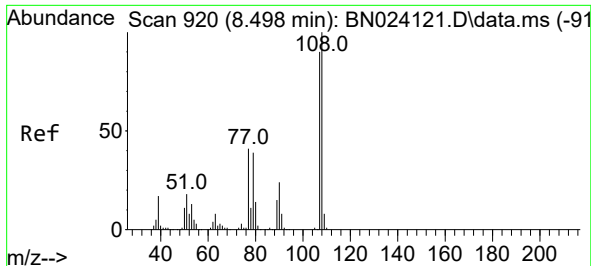
Tgt Ion: 93 Resp: 2445499
Ion Ratio Lower Upper
93 100
63 77.9 62.6 93.8
95 32.4 25.8 38.6



#12
2-Chlorophenol
Concen: 159.437 ng/ul
RT: 7.628 min Scan# 772
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:128 Resp: 2455721
Ion Ratio Lower Upper
128 100
64 46.8 39.3 58.9
130 32.9 25.1 37.7





#13

2-Methylphenol

Concen: 170.732 ng/ul

RT: 8.510 min Scan# 91

Delta R.T. 0.012 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

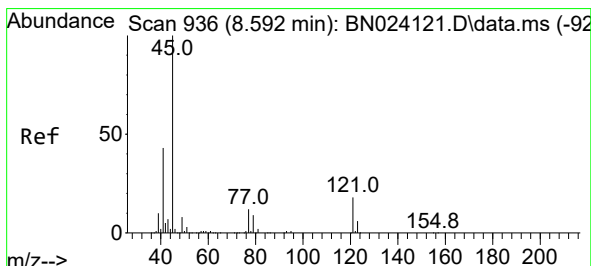
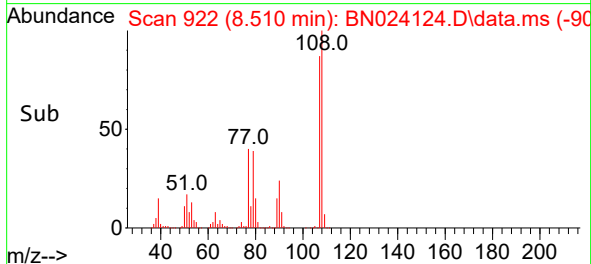
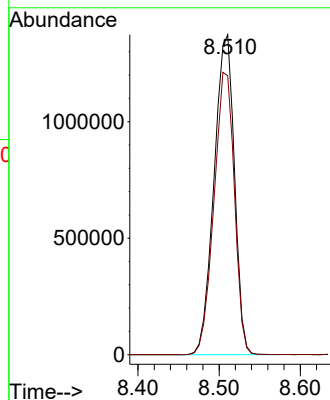
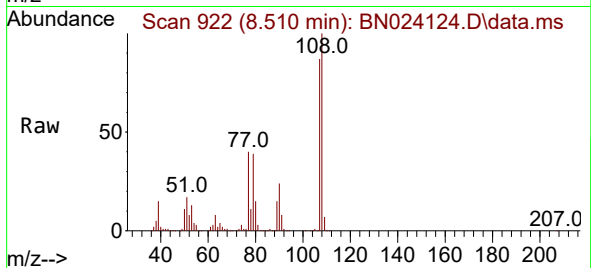
SSTD160201

Tgt Ion:108 Resp: 2398138

Ion Ratio Lower Upper

108 100

107 87.1 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 186.548 ng/ul

RT: 8.605 min Scan# 938

Delta R.T. 0.012 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

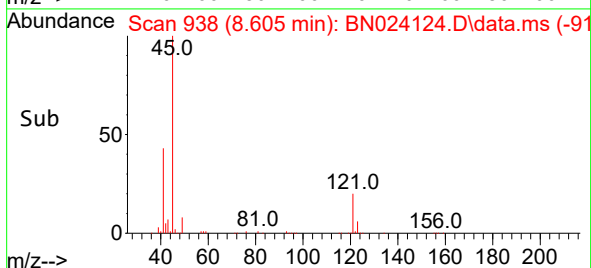
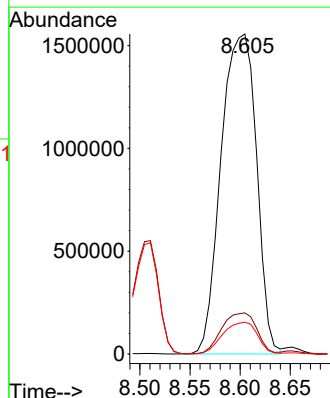
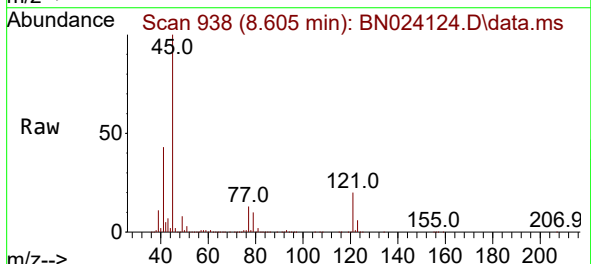
Tgt Ion: 45 Resp: 3821150

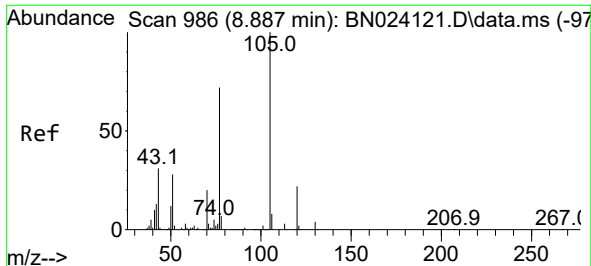
Ion Ratio Lower Upper

45 100

77 12.9 9.8 14.6

79 9.9 7.4 11.0

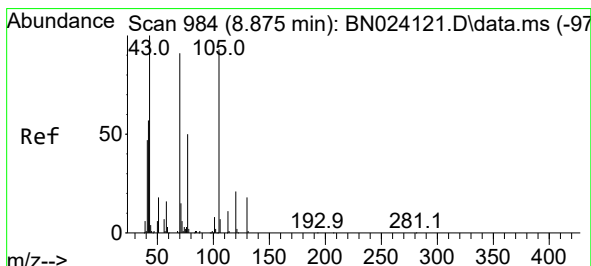
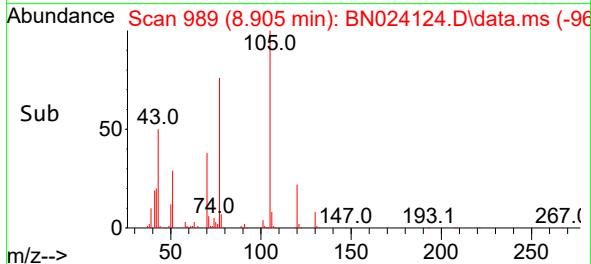
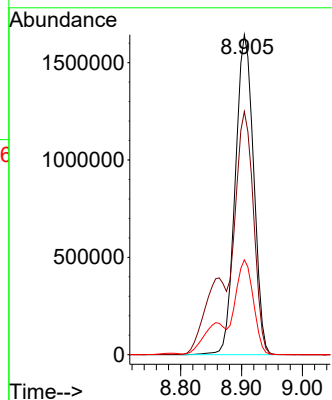
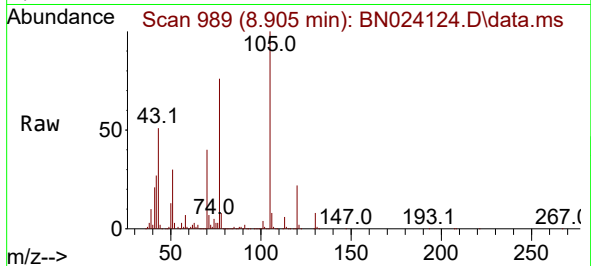




#16
Acetophenone
Concen: 160.027 ng/ul
RT: 8.905 min Scan# 991
Delta R.T. 0.018 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

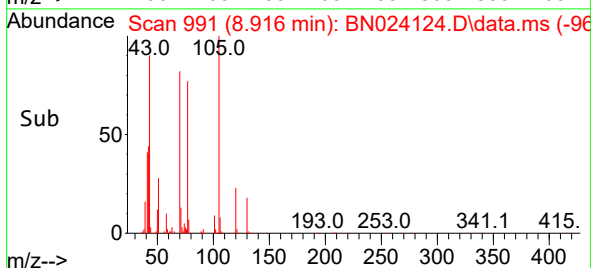
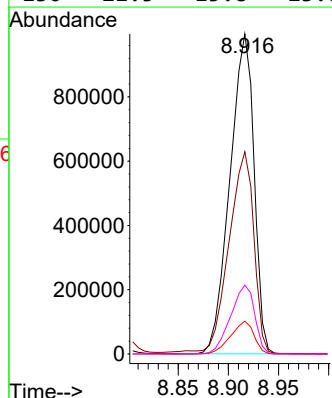
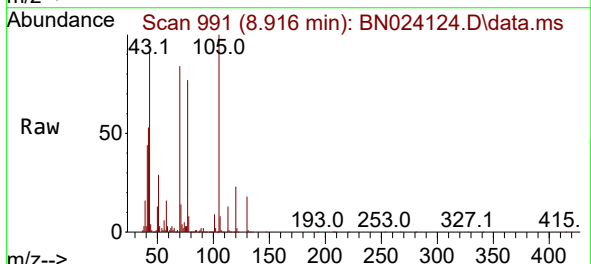
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SSTD160201

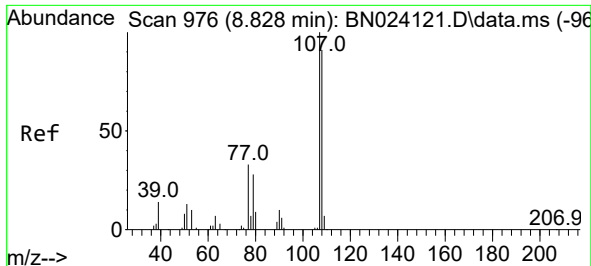
Tgt Ion:105 Resp: 3440988
Ion Ratio Lower Upper
105 100
77 76.0 61.4 92.0
51 29.7 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 154.086 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. 0.042 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion: 70 Resp: 1665257
Ion Ratio Lower Upper
70 100
42 63.2 50.8 76.2
101 10.2 7.2 10.8
130 21.5 15.8 23.8

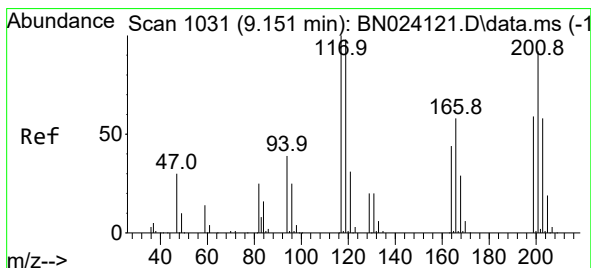
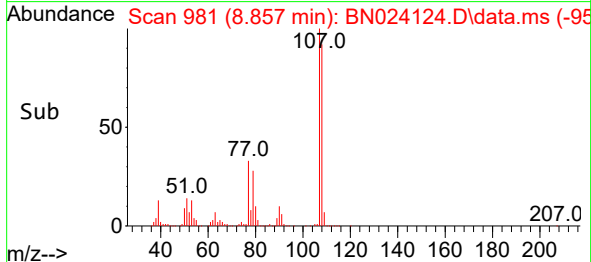
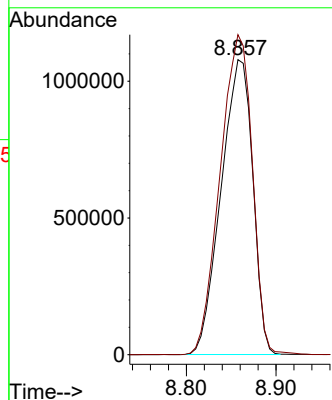
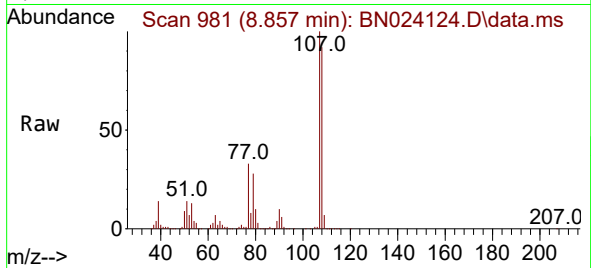




#18
4-Methylphenol
Concen: 177.119 ng/ul
RT: 8.857 min Scan# 91
Delta R.T. 0.030 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

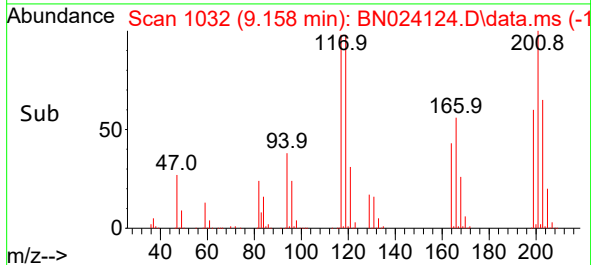
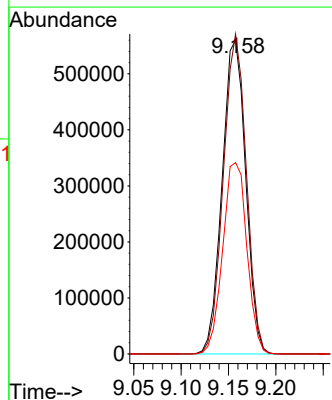
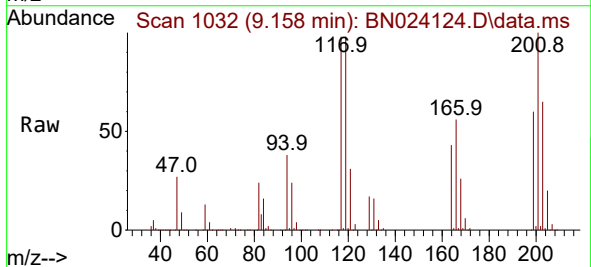
Instrument :
BNA_N
ClientSampleId :
SSTD160201

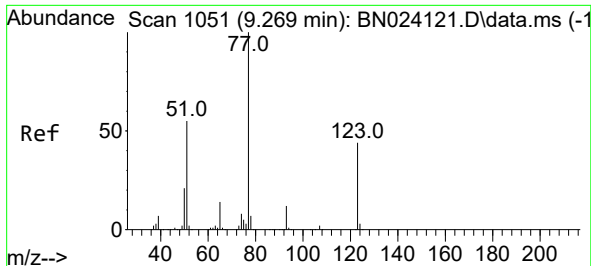
Tgt Ion:108 Resp: 2644998
Ion Ratio Lower Upper
108 100
107 108.4 87.8 131.6



#19
Hexachloroethane
Concen: 156.221 ng/ul
RT: 9.158 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:117 Resp: 971492
Ion Ratio Lower Upper
117 100
201 101.9 73.8 110.6
199 61.0 47.2 70.8

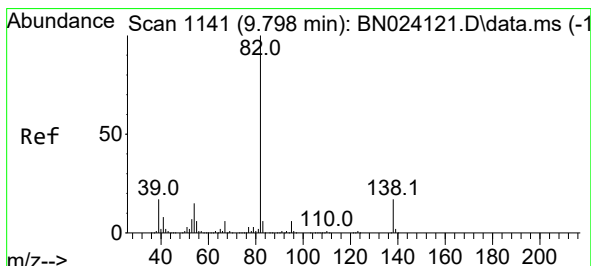
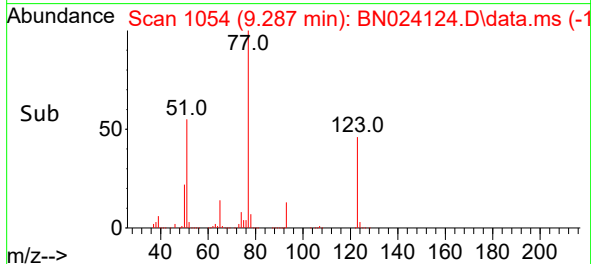
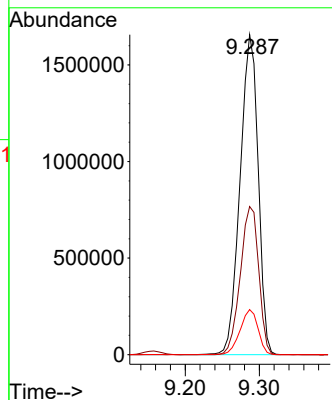
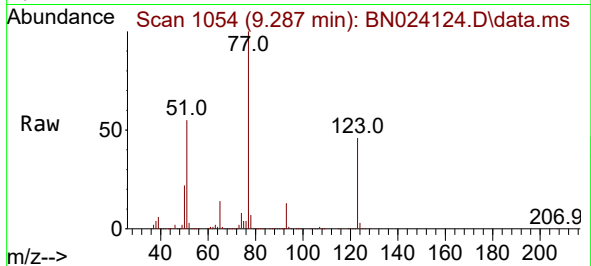




#22
Nitrobenzene
Concen: 161.088 ng/ul
RT: 9.287 min Scan# 1054
Delta R.T. 0.018 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

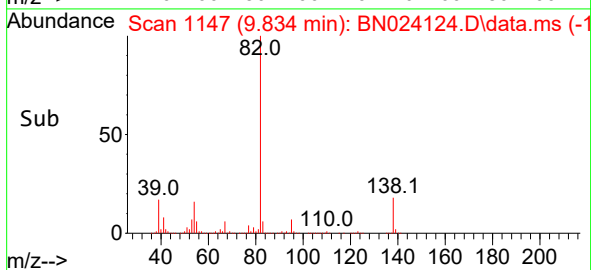
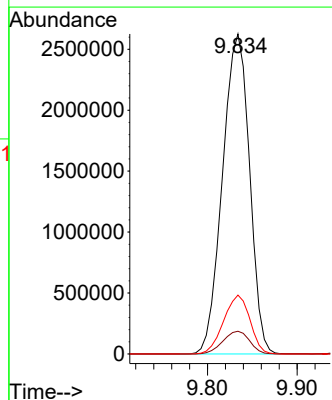
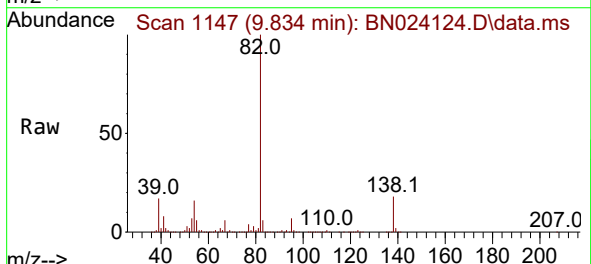
Instrument :
BNA_N
ClientSampleId :
SSTD160201

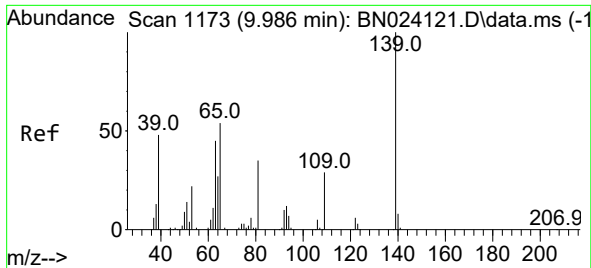
Tgt Ion: 77 Resp: 2806362
Ion Ratio Lower Upper
77 100
123 46.3 34.8 52.2
65 14.1 11.0 16.4



#23
Isophorone
Concen: 153.795 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. 0.036 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion: 82 Resp: 5487013
Ion Ratio Lower Upper
82 100
95 7.1 5.0 7.6
138 18.4 13.8 20.6

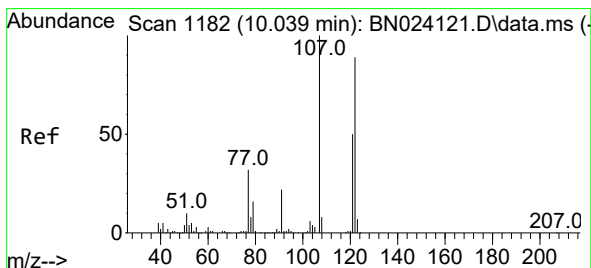
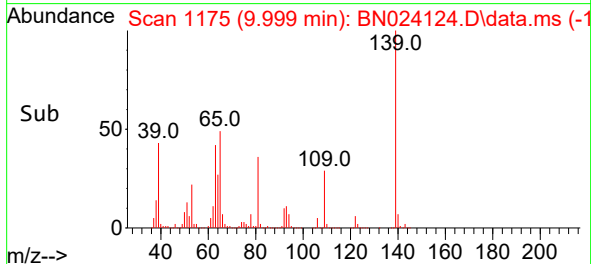
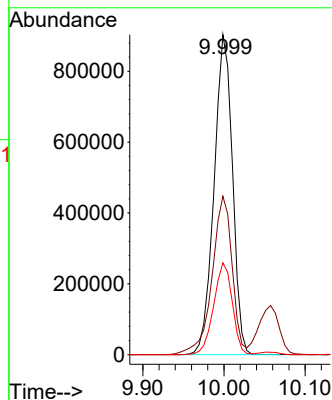
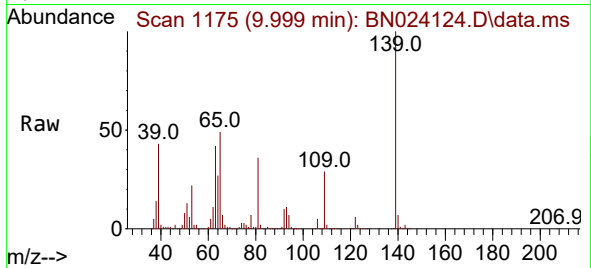




#25
2-Nitrophenol
Concen: 168.304 ng/ul
RT: 9.999 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

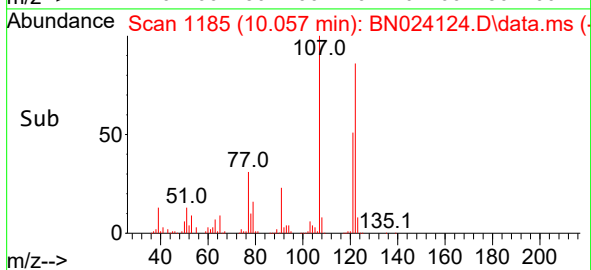
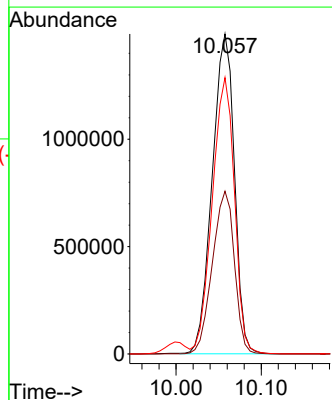
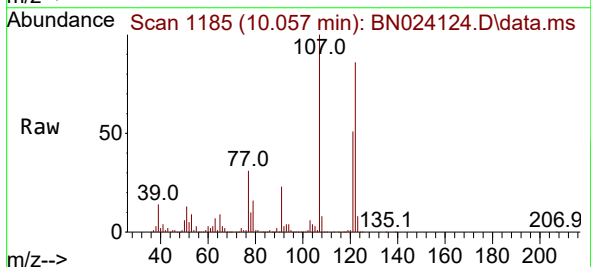
Instrument :
BNA_N
ClientSampleId :
SSTD160201

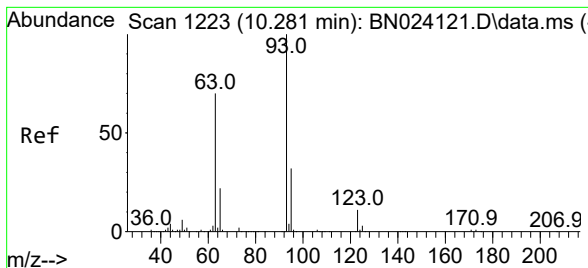
Tgt Ion:139 Resp: 1424780
Ion Ratio Lower Upper
139 100
65 49.5 44.5 66.7
109 28.7 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 147.922 ng/ul
RT: 10.057 min Scan# 1185
Delta R.T. 0.018 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:107 Resp: 2696573
Ion Ratio Lower Upper
107 100
121 50.8 40.2 60.2
122 86.3 71.8 107.8





#27

Bis(2-Chloroethoxy)methane

Concen: 151.354 ng/ul

RT: 10.299 min Scan# 1226

Delta R.T. 0.018 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

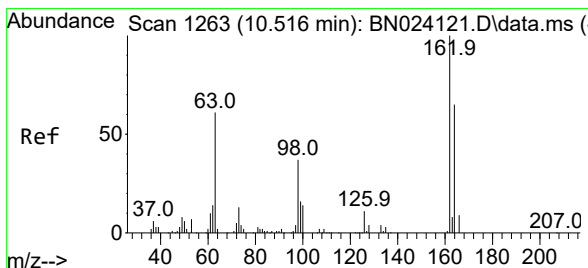
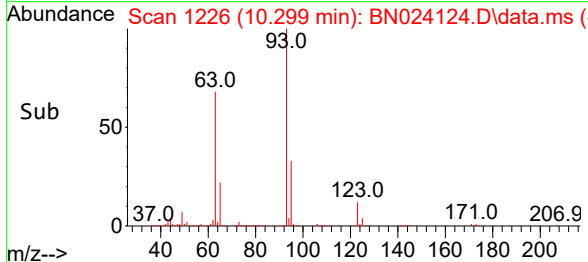
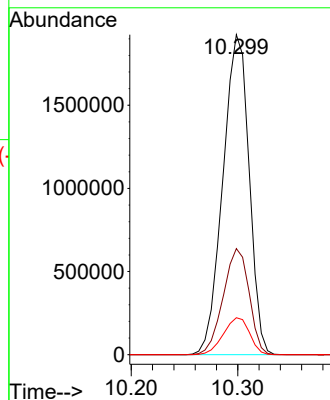
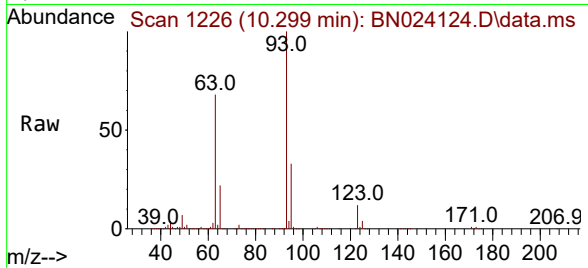
Tgt Ion: 93 Resp: 3294620

Ion Ratio Lower Upper

93 100

95 33.1 25.4 38.2

123 11.5 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 142.749 ng/ul

RT: 10.534 min Scan# 1266

Delta R.T. 0.018 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

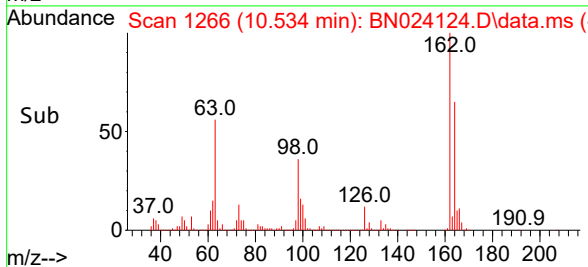
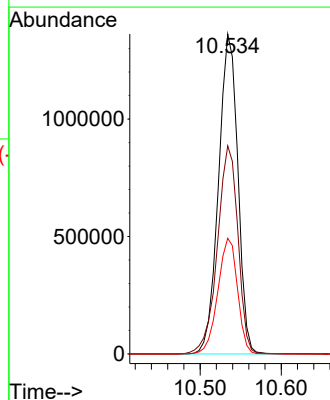
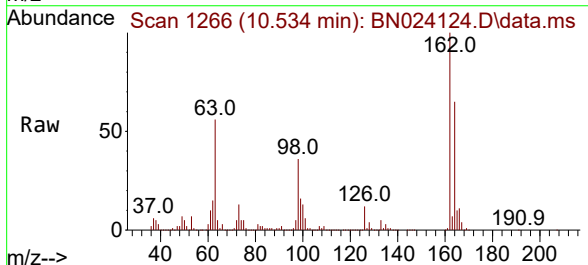
Tgt Ion:162 Resp: 2259379

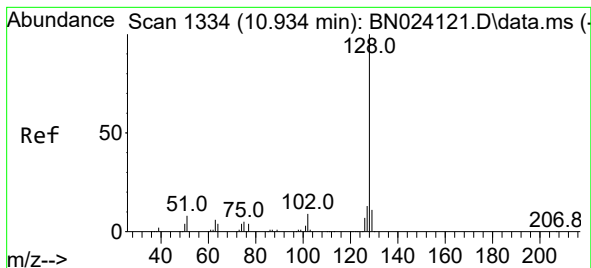
Ion Ratio Lower Upper

162 100

164 65.1 52.6 78.8

98 36.2 29.8 44.8





#30

Naphthalene

Concen: 135.921 ng/ul

RT: 10.940 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

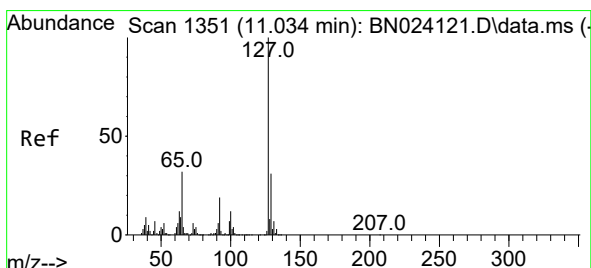
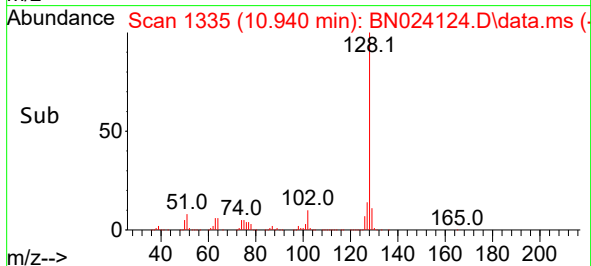
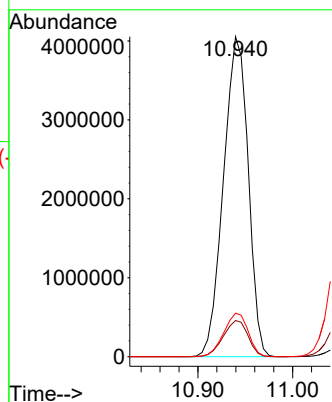
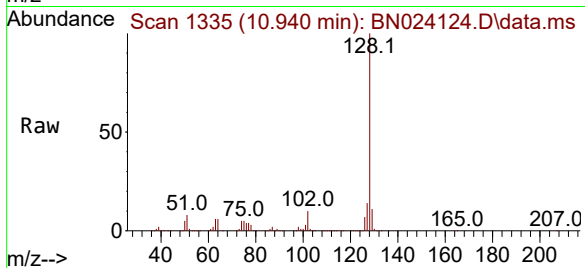
Tgt Ion:128 Resp: 7352203

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

127 13.6 10.1 15.1



#32

4-Chloroaniline

Concen: 151.148 ng/ul

RT: 11.057 min Scan# 1355

Delta R.T. 0.024 min

Lab File: BN024124.D

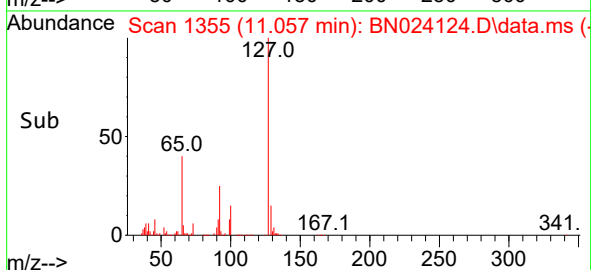
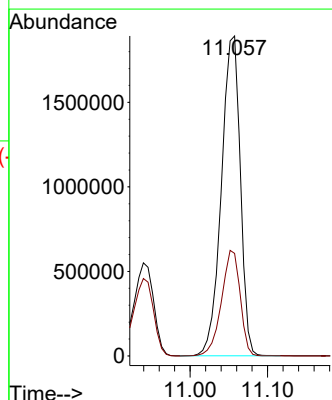
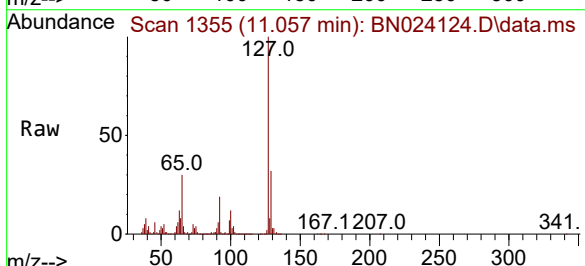
Acq: 03 Mar 2023 12:15

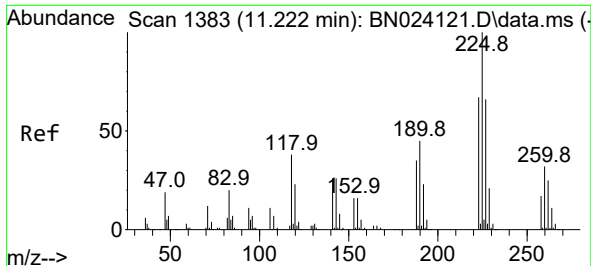
Tgt Ion:127 Resp: 3219633

Ion Ratio Lower Upper

127 100

129 32.0 25.1 37.7

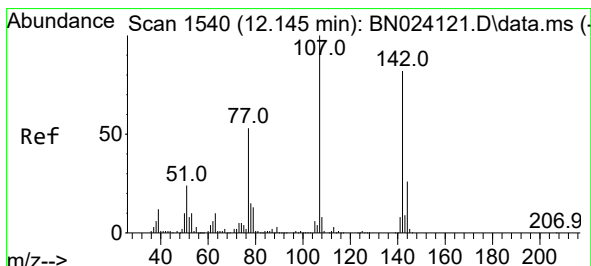
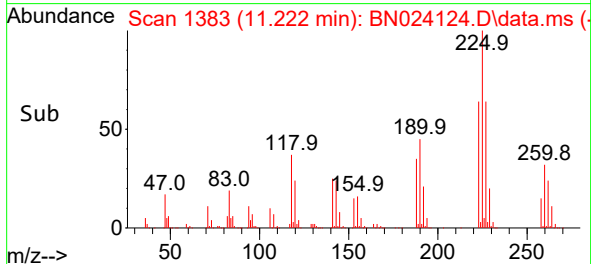
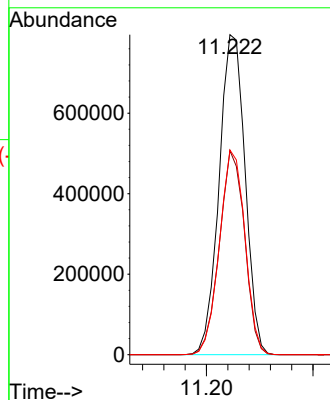
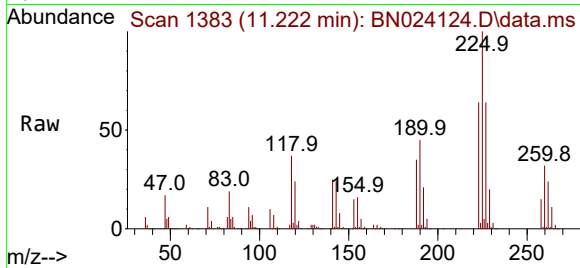




#33
Hexachlorobutadiene
Concen: 123.997 ng/ul
RT: 11.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

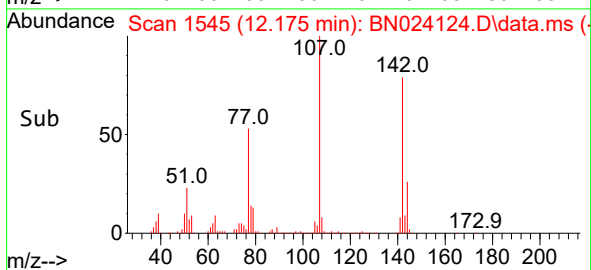
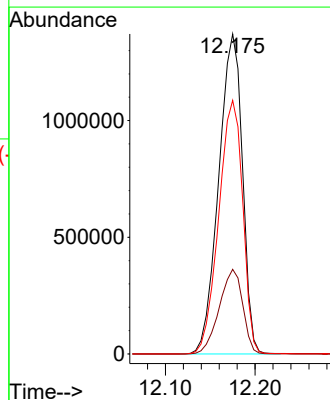
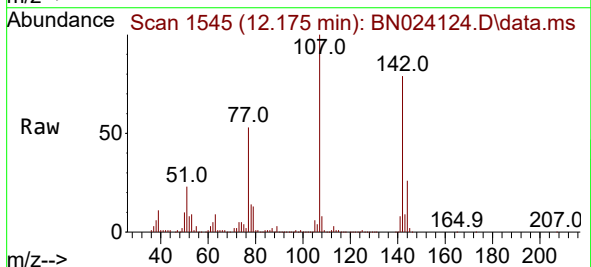
Instrument :
BNA_N
ClientSampleId :
SSTD160201

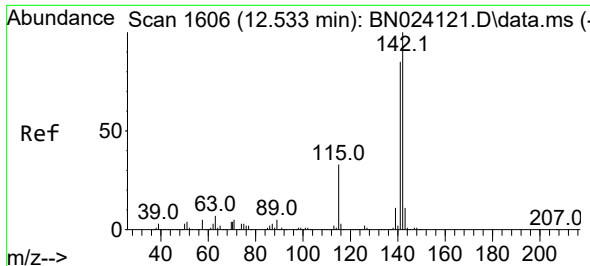
Tgt Ion:225 Resp: 1346883
Ion Ratio Lower Upper
225 100
223 63.8 53.6 80.4
227 64.0 53.0 79.4



#35
4-Chloro-3-methylphenol
Concen: 156.414 ng/ul
RT: 12.175 min Scan# 1545
Delta R.T. 0.030 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:107 Resp: 2517375
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.4
142 79.3 65.7 98.5

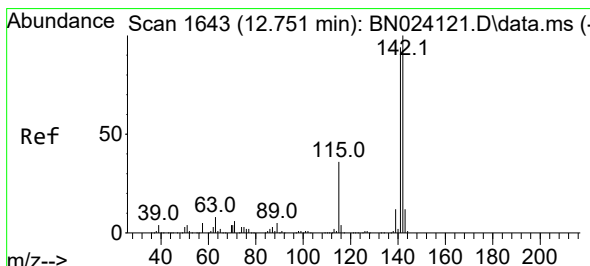
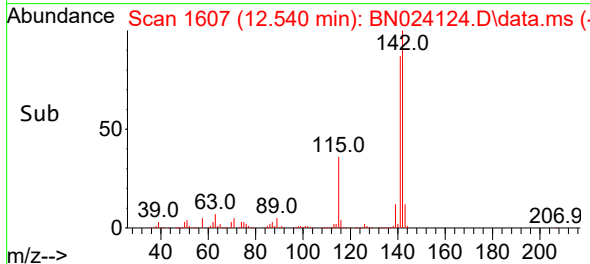
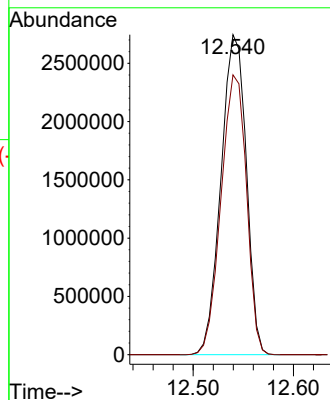
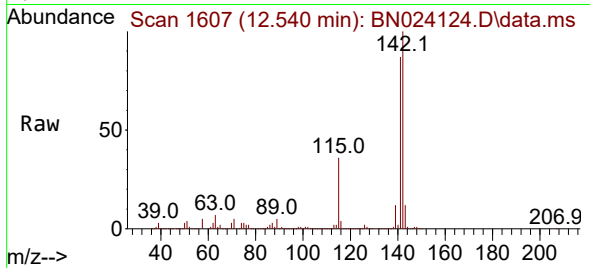




#36
2-Methylnaphthalene
Concen: 137.329 ng/ul
RT: 12.540 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

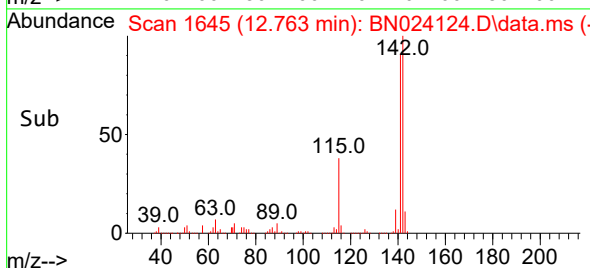
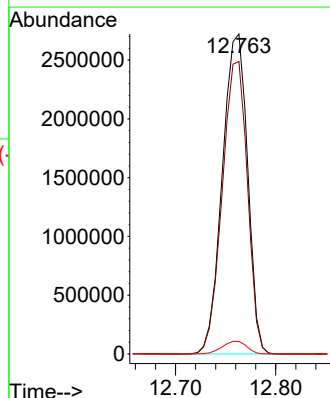
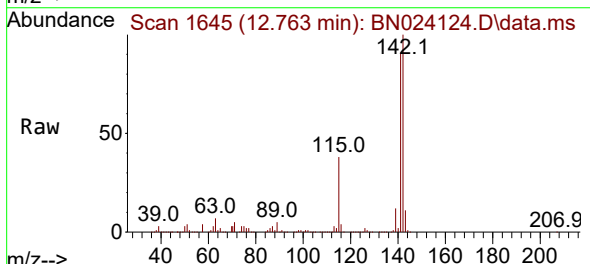
Instrument :
BNA_N
ClientSampleId :
SSTD160201

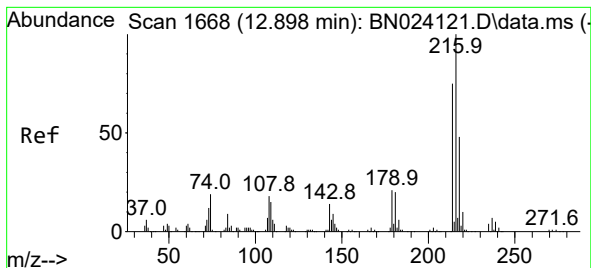
Tgt Ion:142 Resp: 4803552
Ion Ratio Lower Upper
142 100
141 87.4 68.2 102.4



#37
1-Methylnaphthalene
Concen: 137.327 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:142 Resp: 4749643
Ion Ratio Lower Upper
142 100
141 91.4 75.5 113.3
116 3.9 3.1 4.7

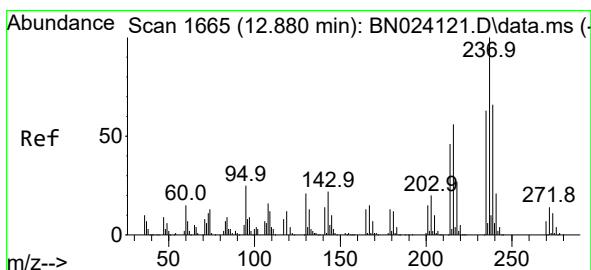
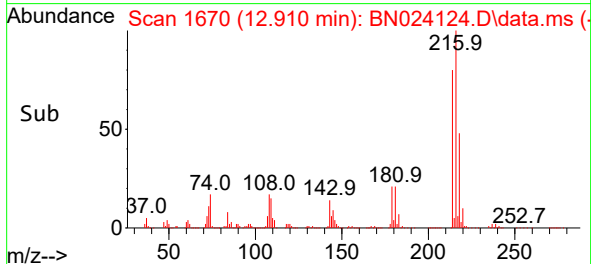
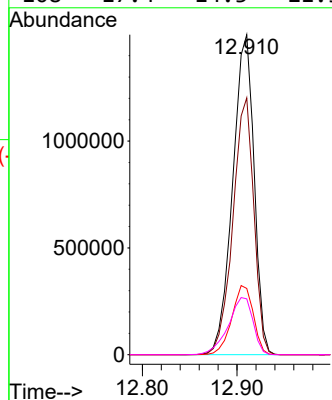
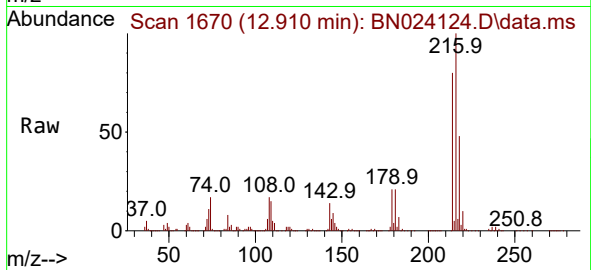




#39
1,2,4,5-Tetrachlorobenzene
Concen: 114.835 ng/ul
RT: 12.910 min Scan# 1668
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

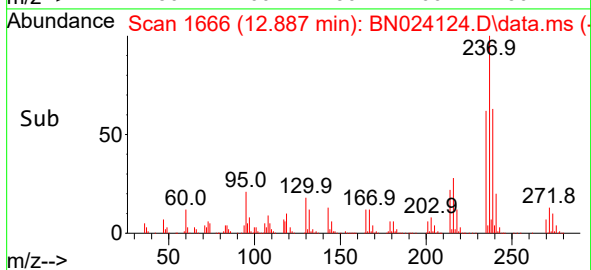
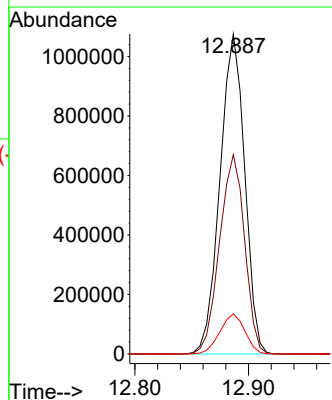
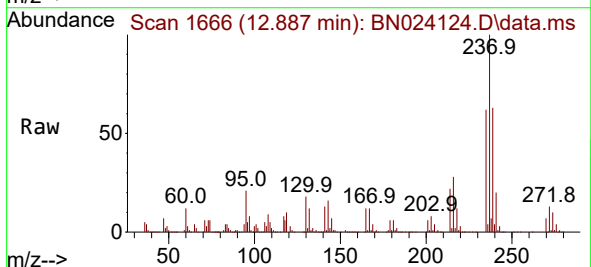
Instrument :
BNA_N
ClientSampleId :
SSTD160201

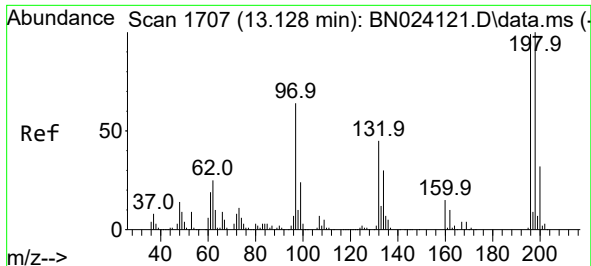
Tgt Ion:216 Resp: 2350880
Ion Ratio Lower Upper
216 100
214 80.2 60.0 90.0
179 20.7 17.0 25.6
108 17.4 14.3 21.5



#40
Hexachlorocyclopentadiene
Concen: 150.044 ng/ul
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:237 Resp: 1626633
Ion Ratio Lower Upper
237 100
235 62.3 50.1 75.1
272 12.6 11.1 16.7

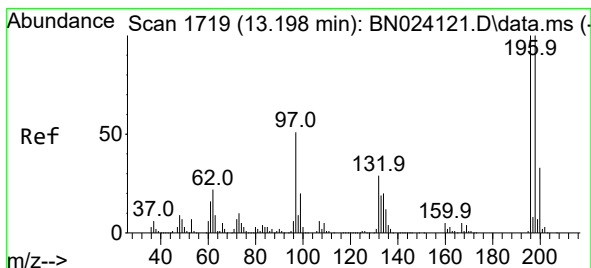
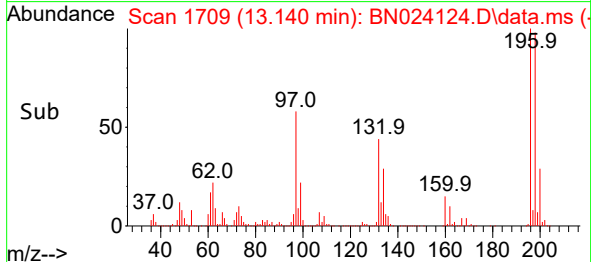
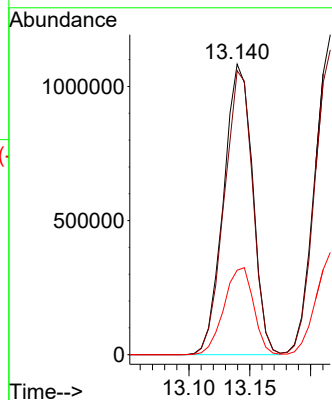
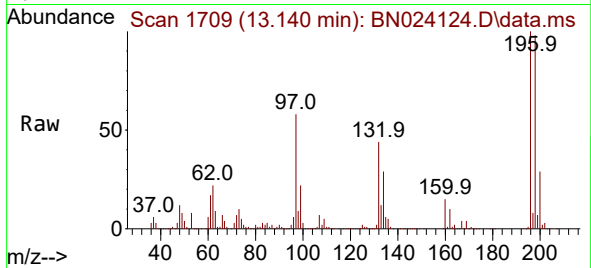




#41
2,4,6-Trichlorophenol
Concen: 136.761 ng/ul
RT: 13.140 min Scan# 1709
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

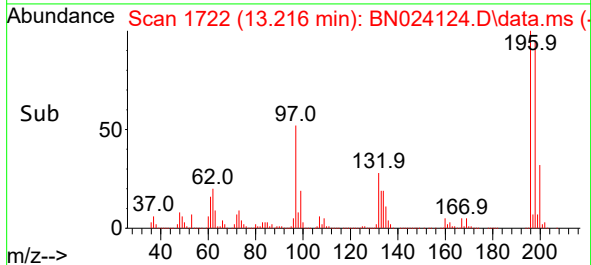
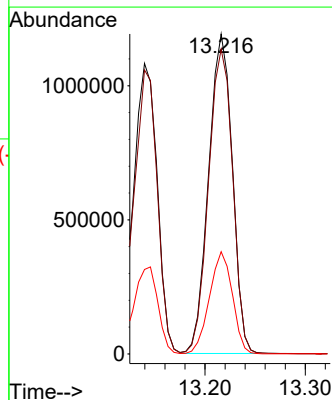
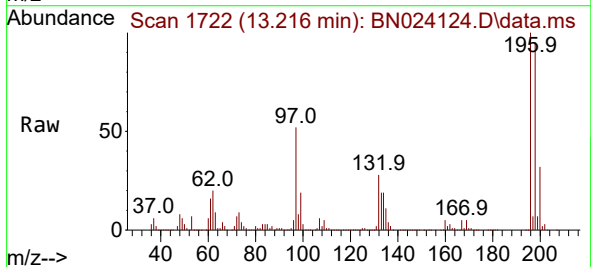
Instrument :
BNA_N
ClientSampleId :
SSTD160201

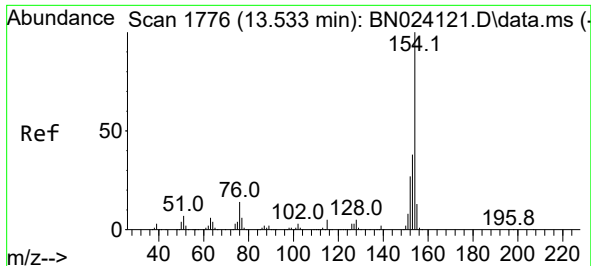
Tgt Ion:196 Resp: 1799827
Ion Ratio Lower Upper
196 100
198 97.7 80.6 121.0
200 29.1 26.1 39.1



#42
2,4,5-Trichlorophenol
Concen: 139.389 ng/ul
RT: 13.216 min Scan# 1722
Delta R.T. 0.018 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:196 Resp: 1959548
Ion Ratio Lower Upper
196 100
198 95.2 79.7 119.5
200 32.0 26.1 39.1

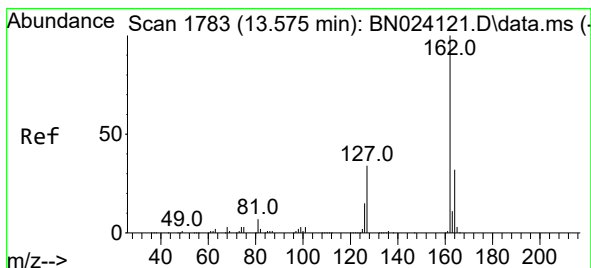
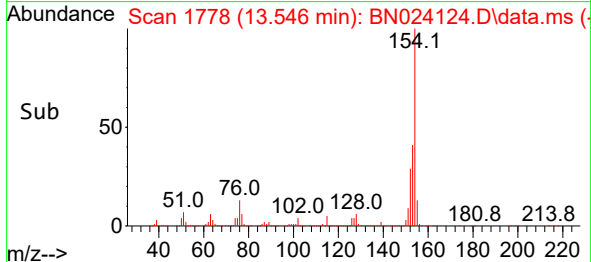
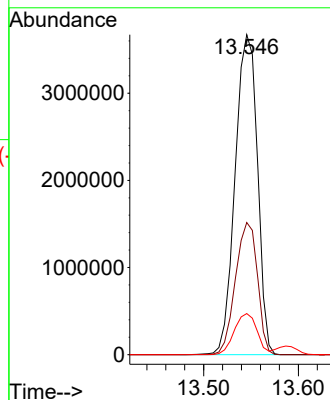
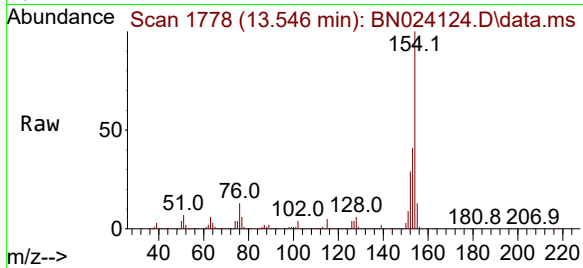




#43
1,1'-Biphenyl
Concen: 123.605 ng/ul
RT: 13.546 min Scan# 1776
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

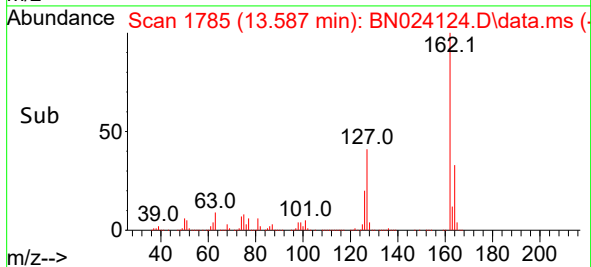
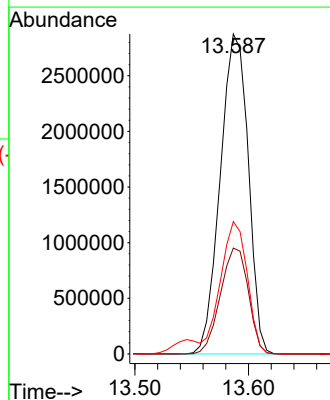
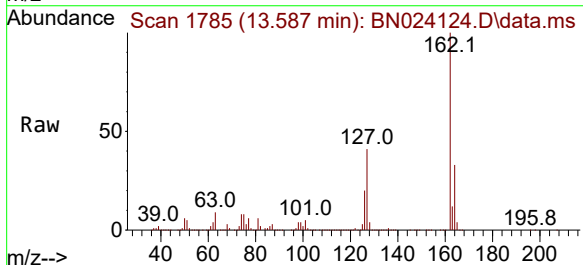
Instrument :
BNA_N
ClientSampleId :
SSTD160201

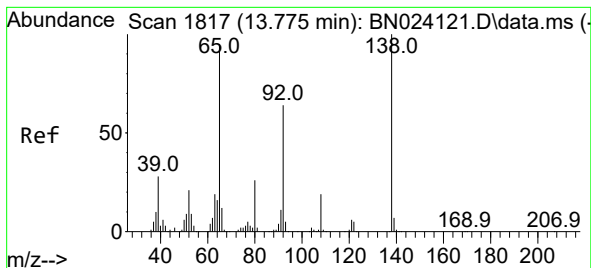
Tgt Ion:154 Resp: 6007565
Ion Ratio Lower Upper
154 100
153 41.3 30.8 46.2
76 12.8 11.1 16.7



#44
2-Chloronaphthalene
Concen: 128.033 ng/ul
RT: 13.587 min Scan# 1785
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:162 Resp: 4919748
Ion Ratio Lower Upper
162 100
164 33.1 25.8 38.6
127 41.4 30.8 46.2





#45

2-Nitroaniline

Concen: 235.267 ng/ul

RT: 13.793 min Scan# 1820

Delta R.T. 0.018 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

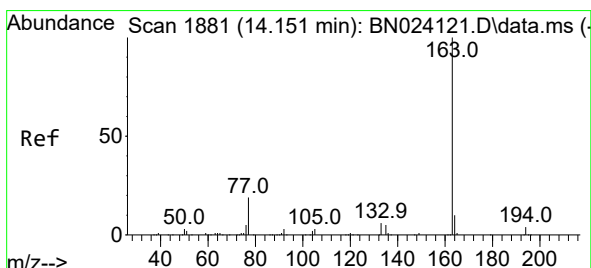
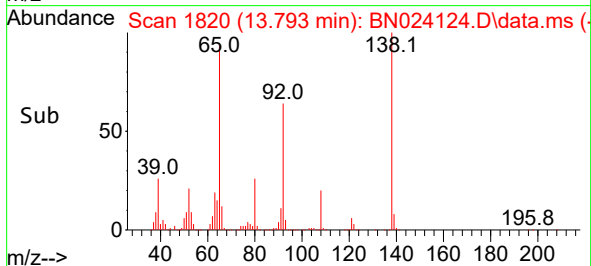
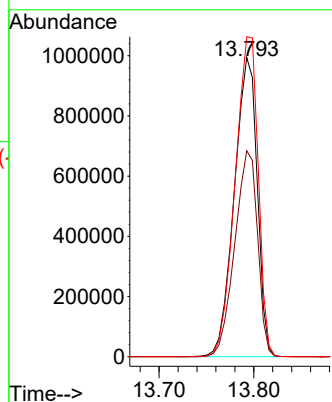
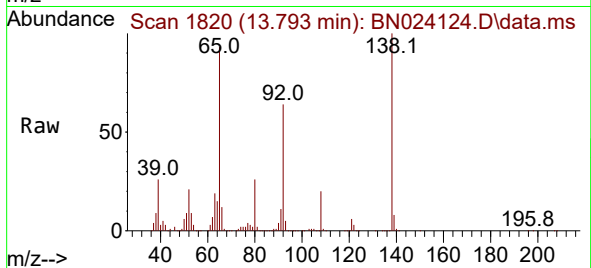
Tgt Ion: 65 Resp: 1670311

Ion Ratio Lower Upper

65 100

92 68.8 53.8 80.8

138 107.0 84.1 126.1



#47

Dimethylphthalate

Concen: 136.137 ng/ul

RT: 14.169 min Scan# 1884

Delta R.T. 0.018 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

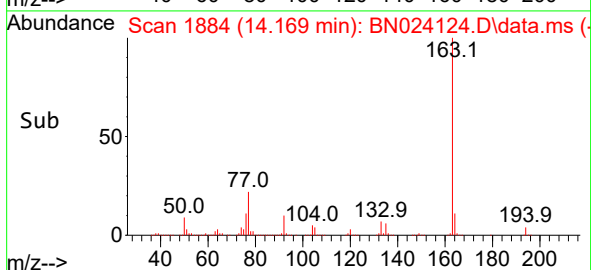
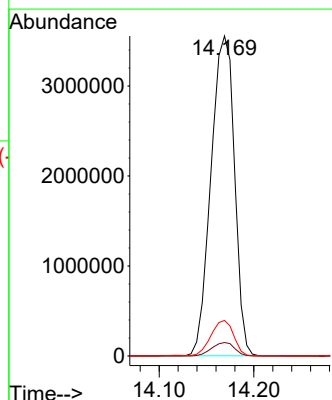
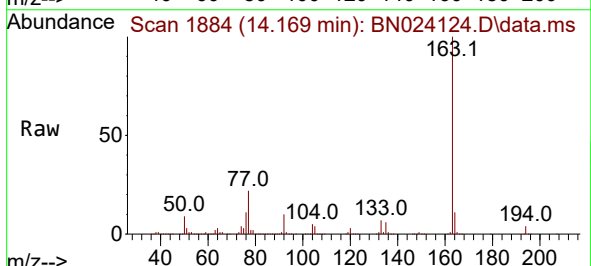
Tgt Ion:163 Resp: 6145152

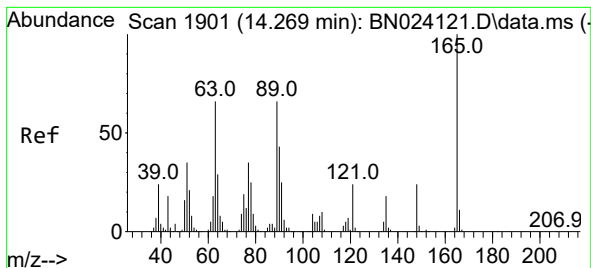
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 11.1 8.1 12.1





#48

2,6-Dinitrotoluene

Concen: 224.906 ng/ul

RT: 14.293 min Scan# 1905

Delta R.T. 0.024 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

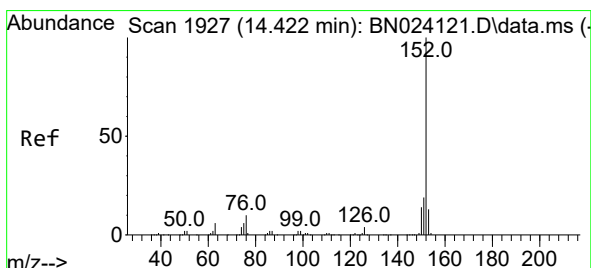
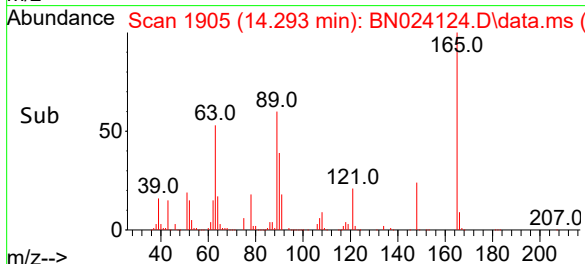
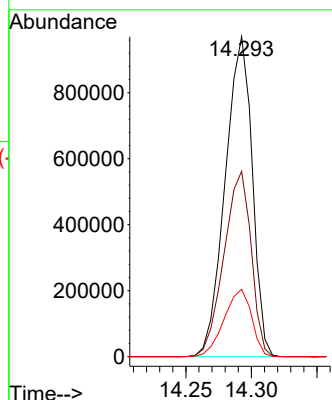
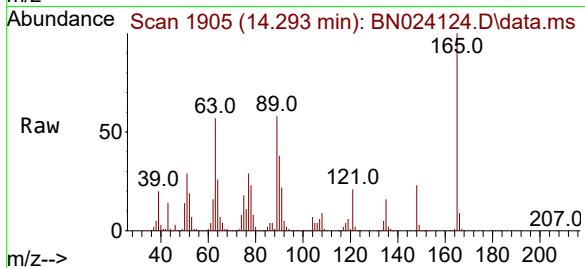
Tgt Ion:165 Resp: 1388360

Ion Ratio Lower Upper

165 100

89 57.9 52.6 78.8

121 21.1 19.4 29.2



#50

Acenaphthylene

Concen: 124.033 ng/ul

RT: 14.434 min Scan# 1929

Delta R.T. 0.012 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

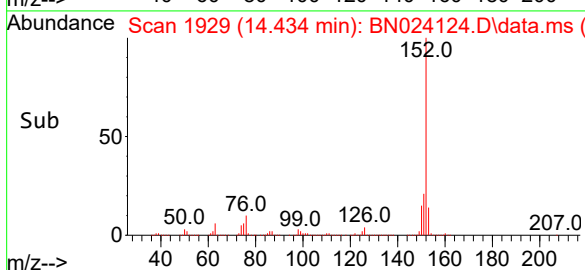
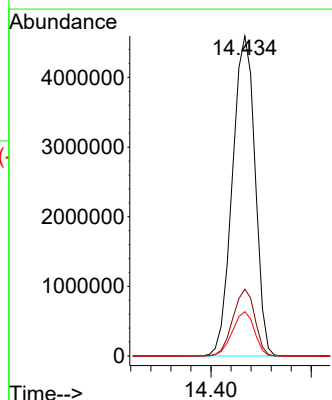
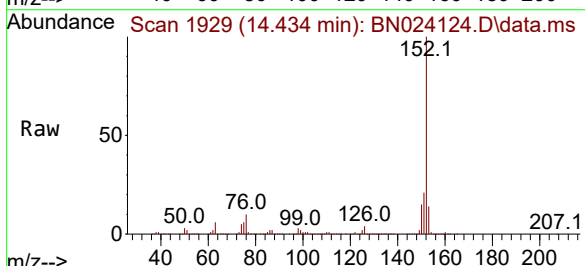
Tgt Ion:152 Resp: 7215450

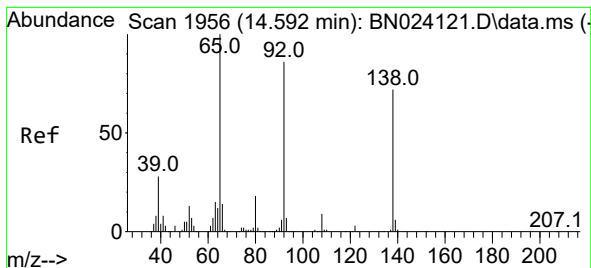
Ion Ratio Lower Upper

152 100

151 20.8 15.6 23.4

153 13.9 10.1 15.1

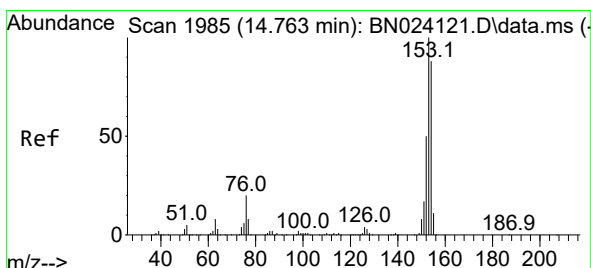
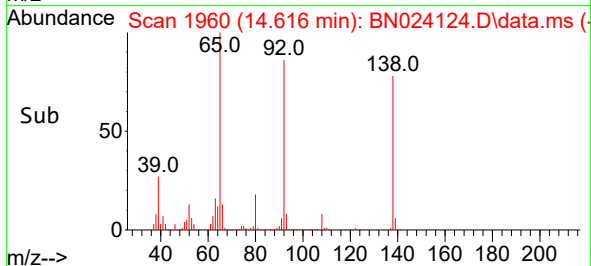
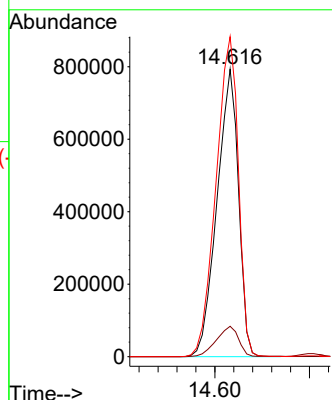
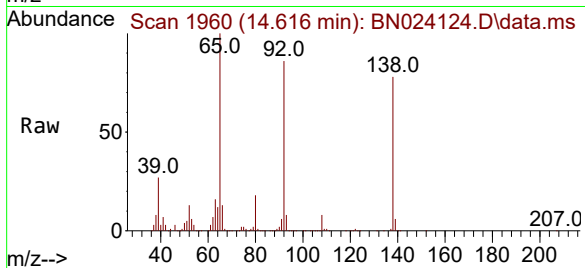




#51
3-Nitroaniline
Concen: 169.443 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.024 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

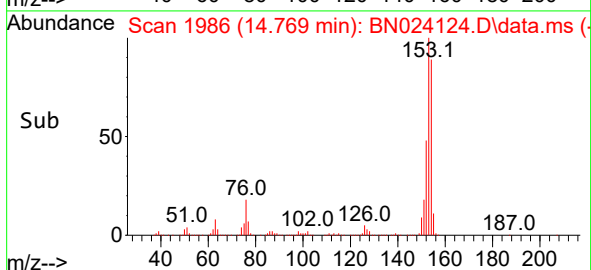
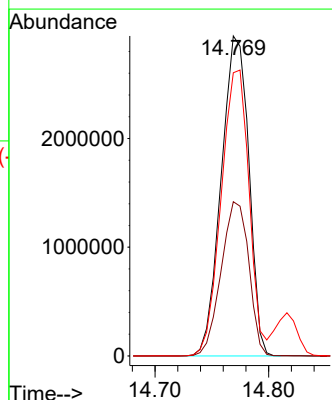
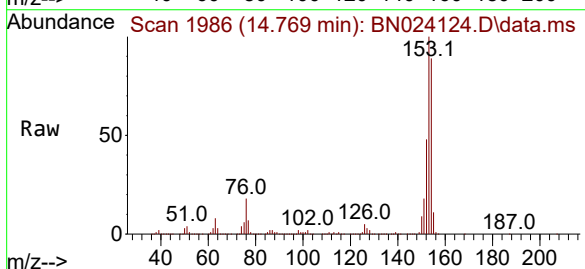
Instrument :
BNA_N
ClientSampleId :
SSTD160201

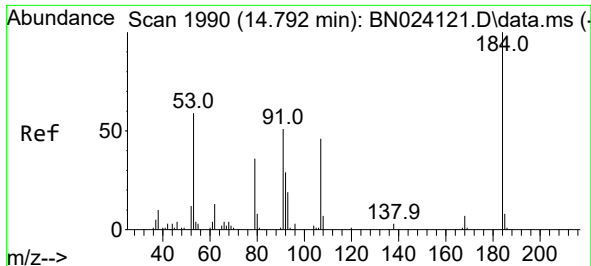
Tgt Ion:138 Resp: 1249831
Ion Ratio Lower Upper
138 100
108 10.6 9.6 14.4
92 111.3 95.3 142.9



#52
Acenaphthene
Concen: 125.755 ng/ul
RT: 14.769 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:153 Resp: 4973943
Ion Ratio Lower Upper
153 100
152 48.2 39.7 59.5
154 88.5 70.6 106.0

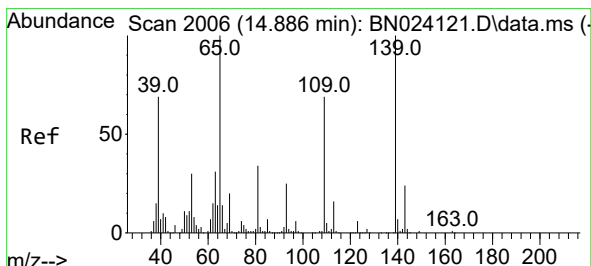
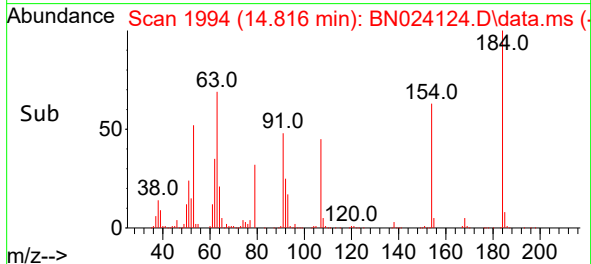
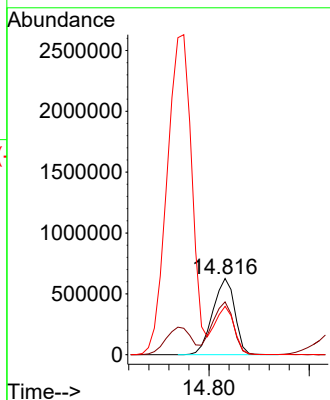
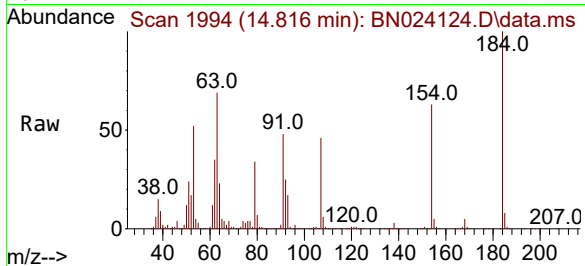




#53
2,4-Dinitrophenol
Concen: 223.819 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.024 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

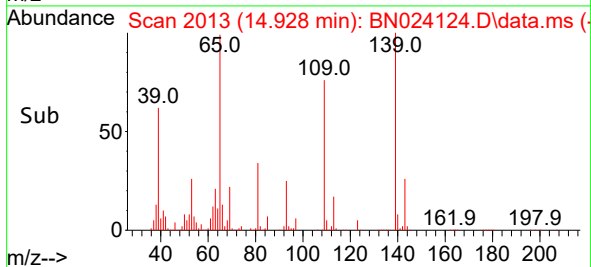
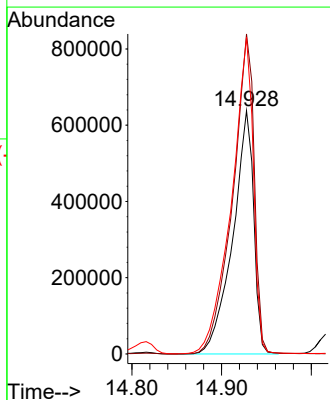
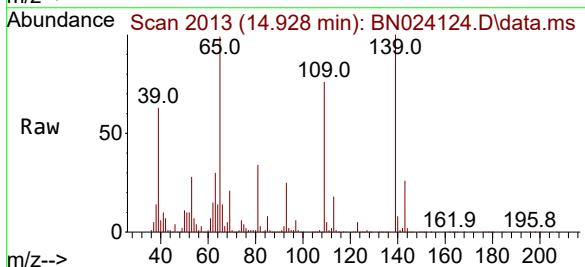
Instrument :
BNA_N
ClientSampleId :
SSTD160201

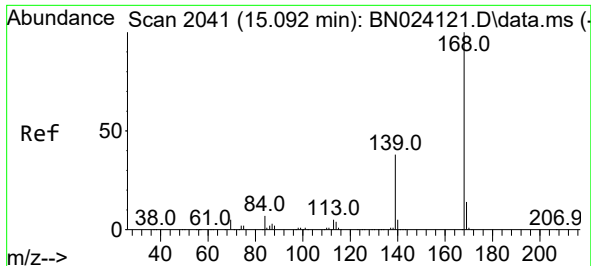
Tgt Ion:184 Resp: 953636
Ion Ratio Lower Upper
184 100
63 69.3 61.6 92.4
154 63.4 50.2 75.4



#55
4-Nitrophenol
Concen: 165.396 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. 0.042 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:109 Resp: 1028978
Ion Ratio Lower Upper
109 100
139 131.6 115.0 172.4
65 130.4 115.7 173.5

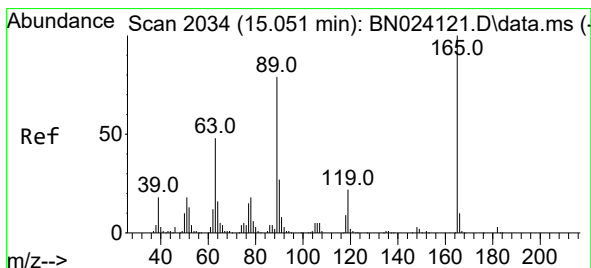
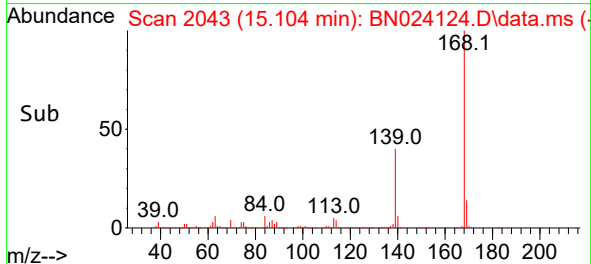
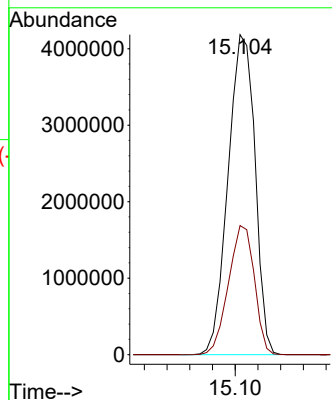
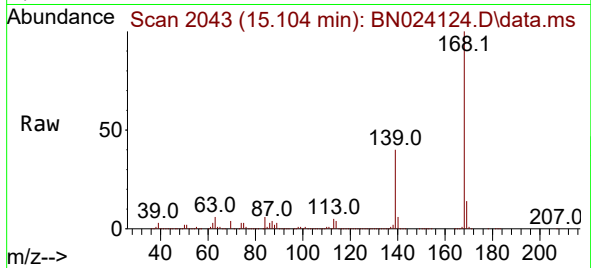




#56
Dibenzofuran
Concen: 125.474 ng/ul
RT: 15.104 min Scan# 2043
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

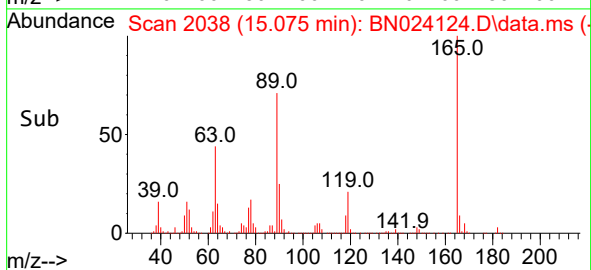
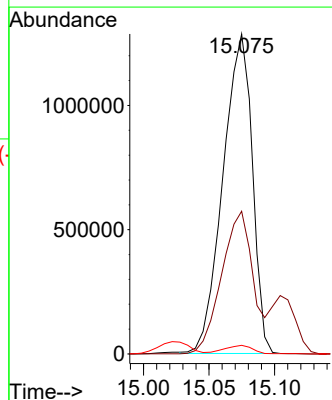
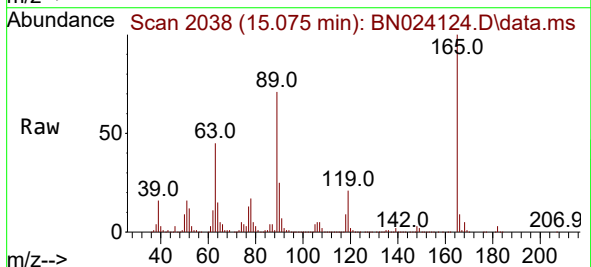
Instrument :
BNA_N
ClientSampleId :
SSTD160201

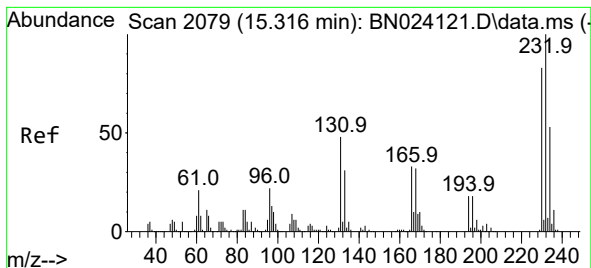
Tgt Ion:168 Resp: 6892776
Ion Ratio Lower Upper
168 100
139 40.3 30.7 46.1



#57
2,4-Dinitrotoluene
Concen: 219.148 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. 0.024 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:165 Resp: 2001502
Ion Ratio Lower Upper
165 100
63 44.6 38.5 57.7
182 2.7 2.2 3.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 135.143 ng/ul
RT: 15.328 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD160201

Tgt Ion:232 Resp: 1580288

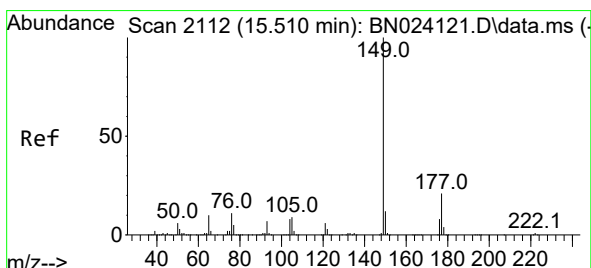
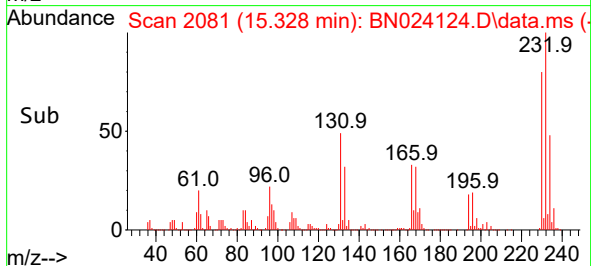
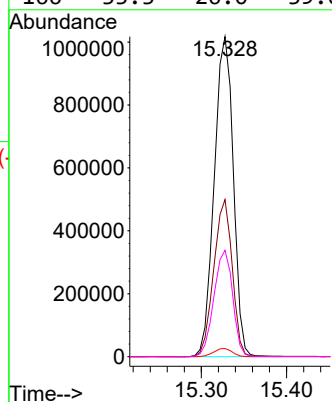
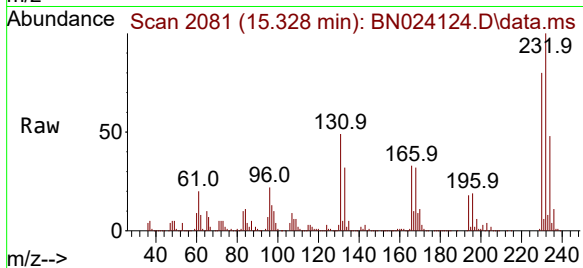
Ion Ratio Lower Upper

232 100

131 49.1 38.5 57.7

130 2.5 2.0 3.0

166 33.3 26.0 39.0



#59
Diethylphthalate
Concen: 145.230 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. 0.018 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

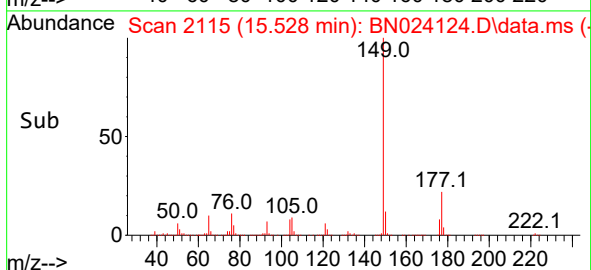
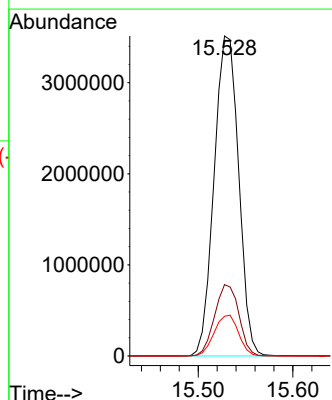
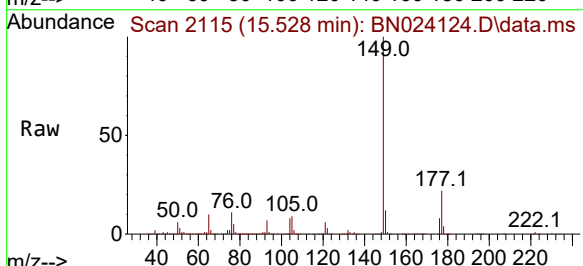
Tgt Ion:149 Resp: 6320823

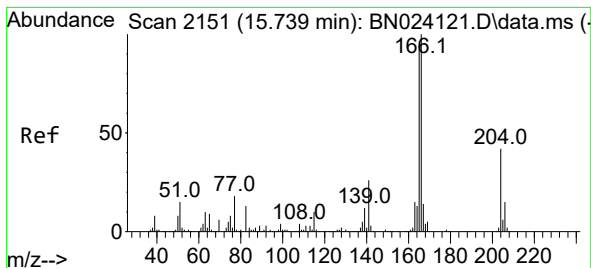
Ion Ratio Lower Upper

149 100

177 22.3 16.9 25.3

150 12.4 9.7 14.5





#61

Fluorene

Concen: 106.652 ng/ul

RT: 15.757 min Scan# 2151

Delta R.T. 0.018 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

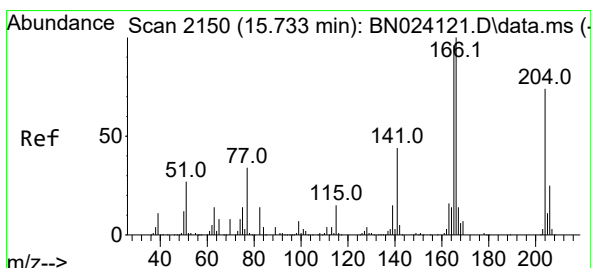
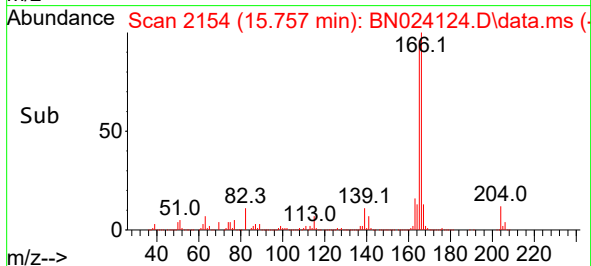
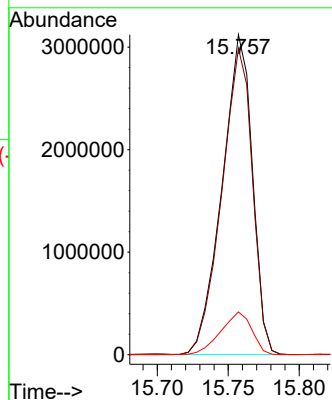
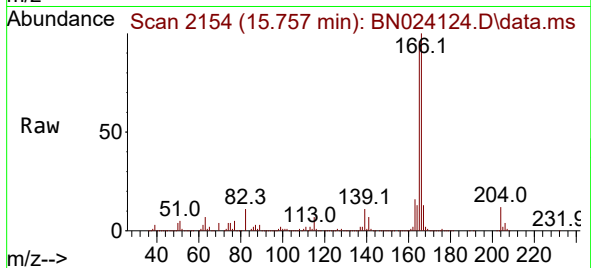
Tgt Ion:166 Resp: 4633246

Ion Ratio Lower Upper

166 100

165 95.7 75.6 113.4

167 13.3 11.2 16.8



#62

4-Chlorophenyl-phenylether

Concen: 105.195 ng/ul

RT: 15.740 min Scan# 2151

Delta R.T. 0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

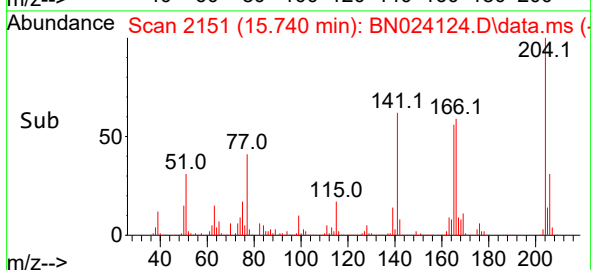
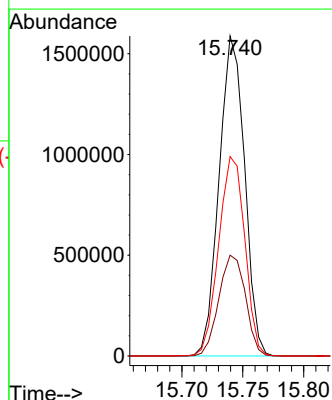
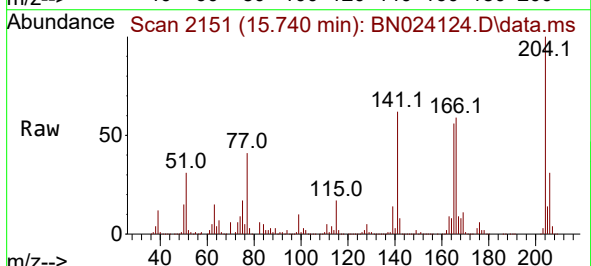
Tgt Ion:204 Resp: 2316391

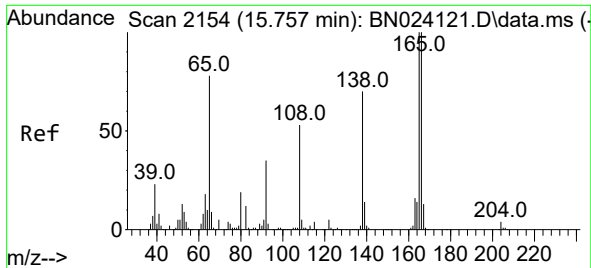
Ion Ratio Lower Upper

204 100

206 31.5 27.1 40.7

141 62.3 47.4 71.0

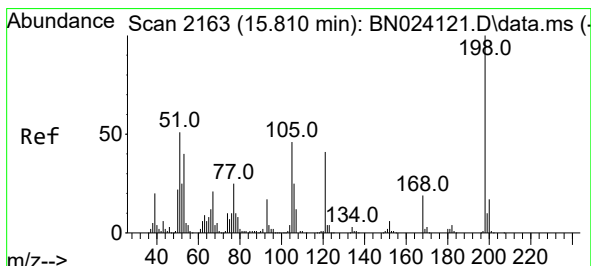
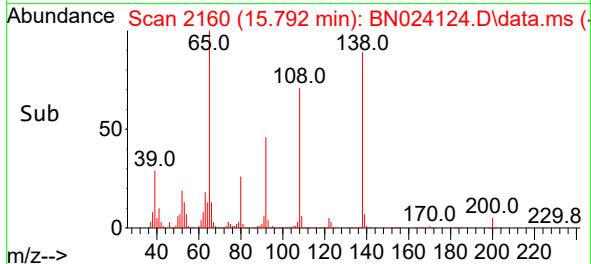
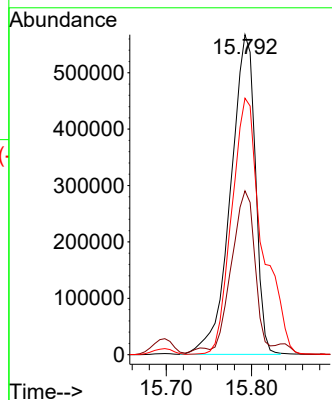
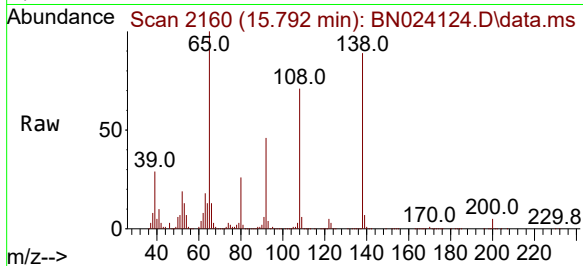




#63
4-Nitroaniline
Concen: 173.598 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. 0.036 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

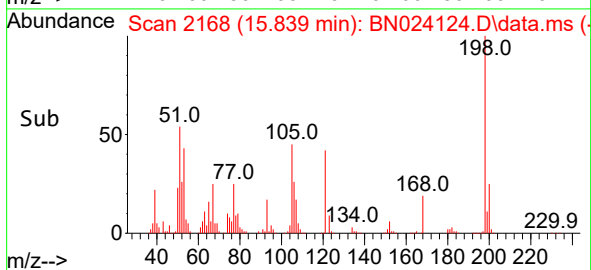
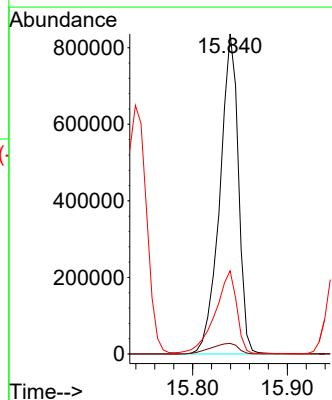
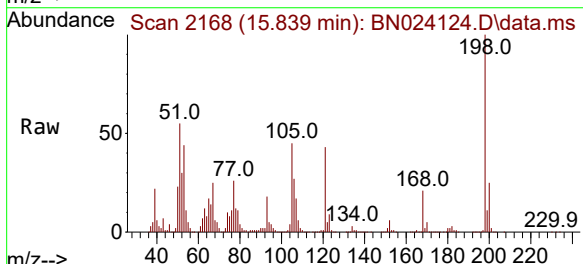
Instrument :
BNA_N
ClientSampleId :
SSTD160201

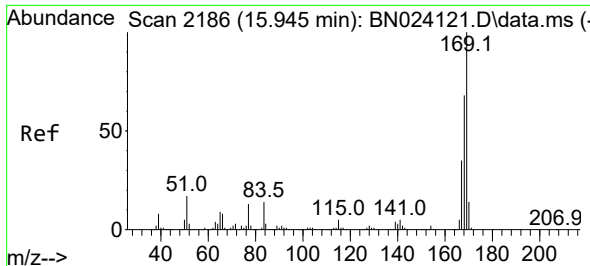
Tgt Ion:138 Resp: 1141604
Ion Ratio Lower Upper
138 100
92 51.2 40.0 60.0
108 80.2 60.4 90.6



#66
4,6-Dinitro-2-methylphenol
Concen: 183.586 ng/ul
RT: 15.839 min Scan# 2168
Delta R.T. 0.030 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:198 Resp: 1142796
Ion Ratio Lower Upper
198 100
182 3.3 3.4 5.0#
77 26.0 20.4 30.6

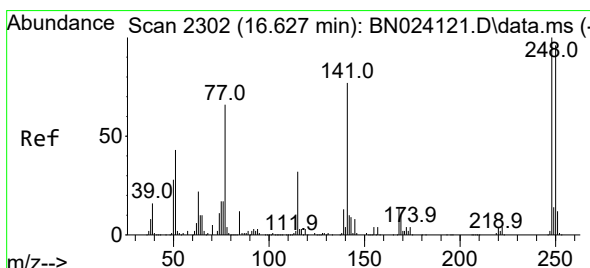
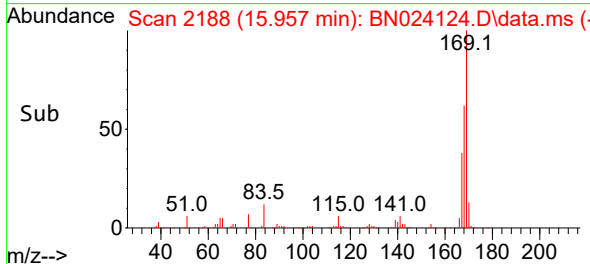
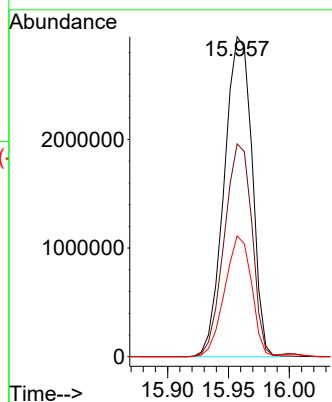
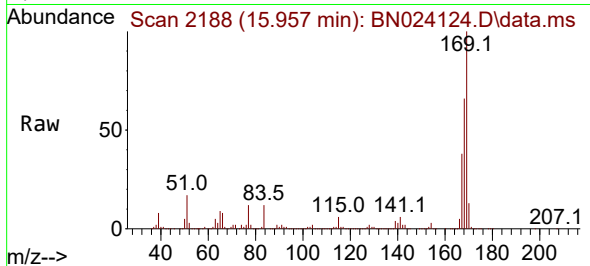




#67
N-Nitrosodiphenylamine
Concen: 124.587 ng/ul
RT: 15.957 min Scan# 2188
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

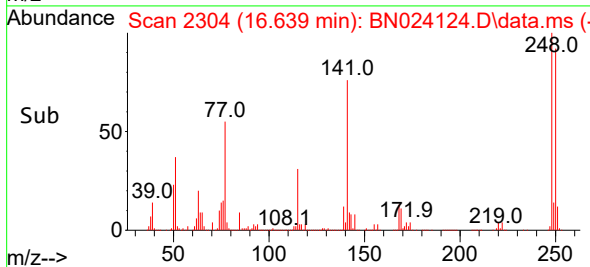
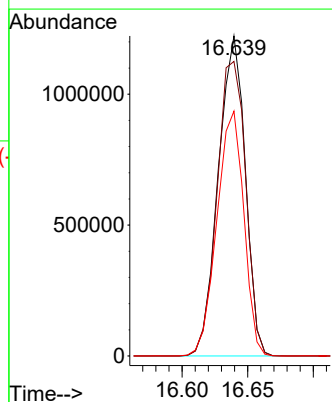
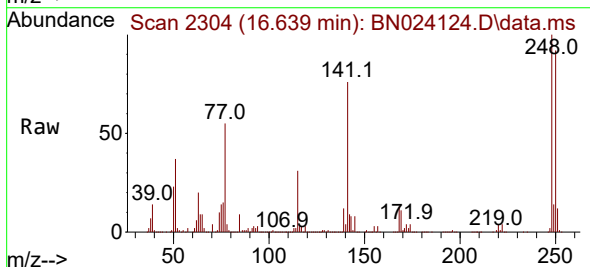
Instrument :
BNA_N
ClientSampleId :
SSTD160201

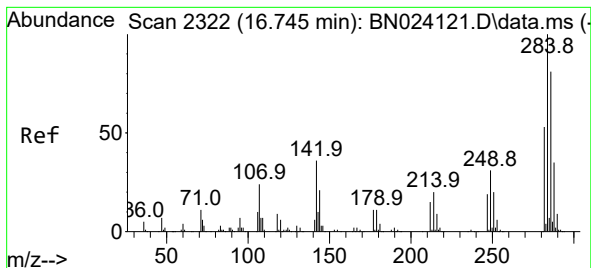
Tgt Ion:169 Resp: 4680454
Ion Ratio Lower Upper
169 100
168 66.5 54.5 81.7
167 37.8 28.3 42.5



#68
4-Bromophenyl-phenylether
Concen: 123.890 ng/ul
RT: 16.639 min Scan# 2304
Delta R.T. 0.012 min
Lab File: BN024124.D
Acq: 03 Mar 2023 12:15

Tgt Ion:248 Resp: 1748069
Ion Ratio Lower Upper
248 100
250 92.0 76.6 115.0
141 76.5 61.4 92.0





#69

Hexachlorobenzene

Concen: 117.704 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. 0.012 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

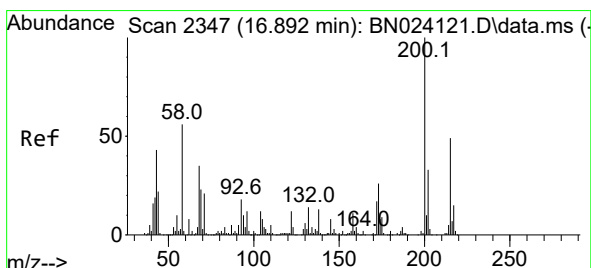
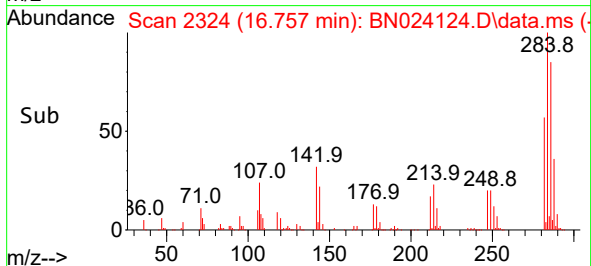
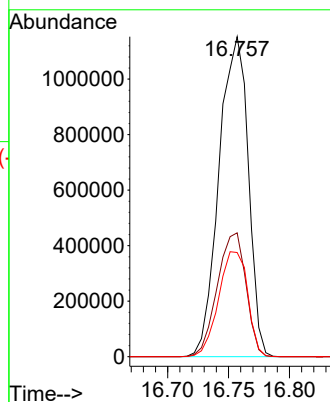
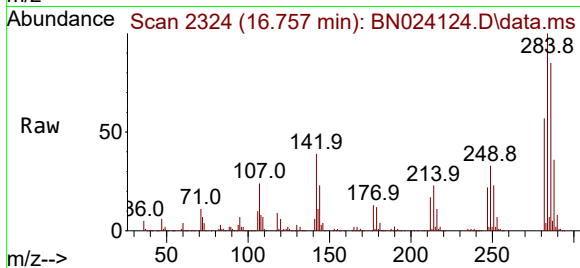
Tgt Ion:284 Resp: 1925670

Ion Ratio Lower Upper

284 100

142 38.7 29.0 43.6

249 32.6 25.0 37.6



#70

Atrazine

Concen: 143.988 ng/ul

RT: 16.916 min Scan# 2351

Delta R.T. 0.024 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

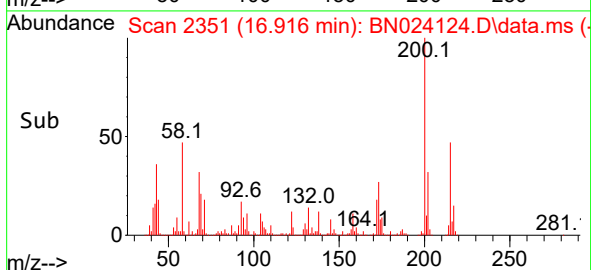
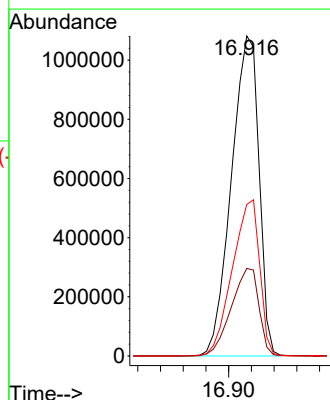
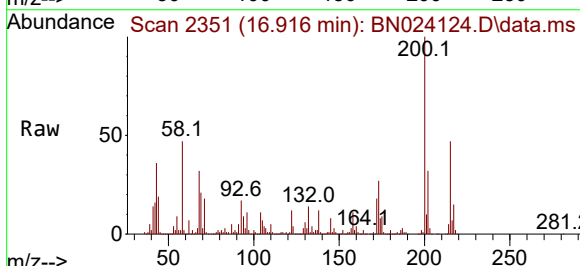
Tgt Ion:200 Resp: 1825953

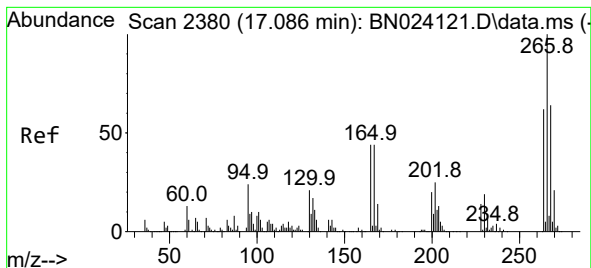
Ion Ratio Lower Upper

200 100

173 27.4 20.7 31.1

215 47.3 38.8 58.2





#71

Pentachlorophenol

Concen: 137.313 ng/ul

RT: 17.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

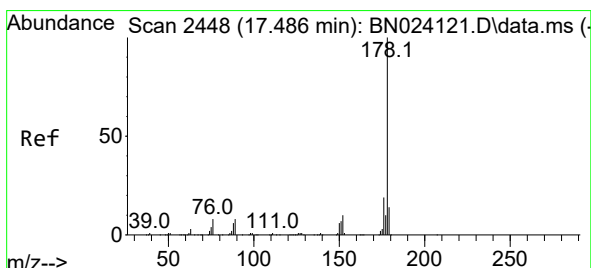
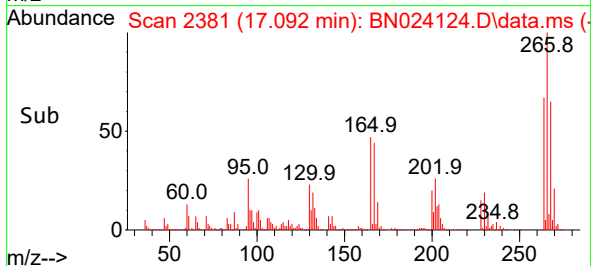
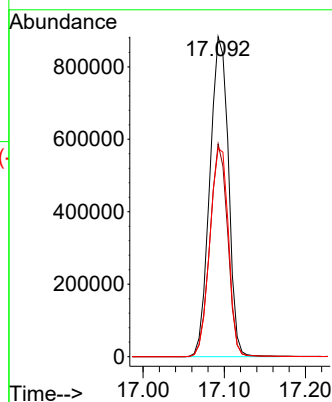
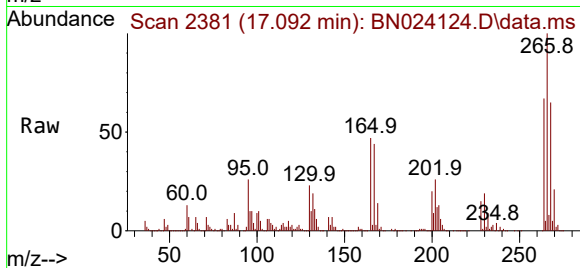
Tgt Ion:266 Resp: 1404898

Ion Ratio Lower Upper

266 100

264 66.5 49.5 74.3

268 65.1 51.3 76.9



#72

Phenanthrene

Concen: 122.165 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. 0.012 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

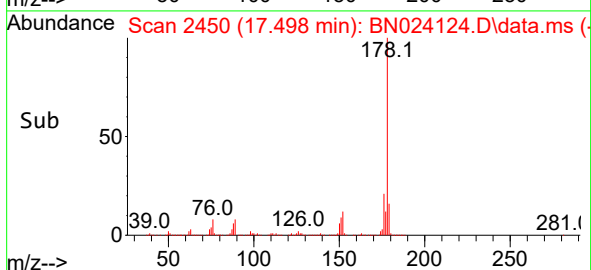
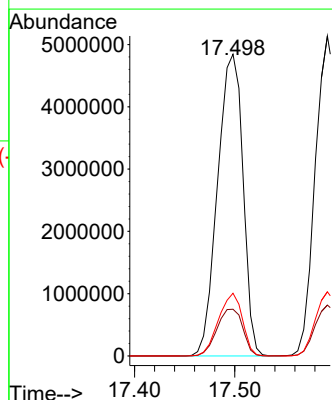
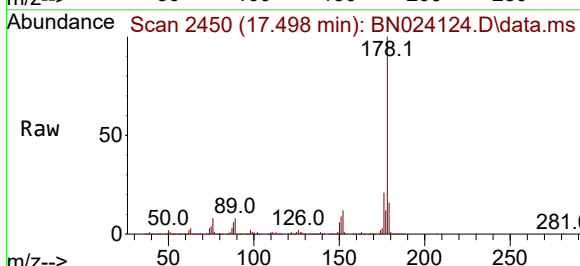
Tgt Ion:178 Resp: 8516736

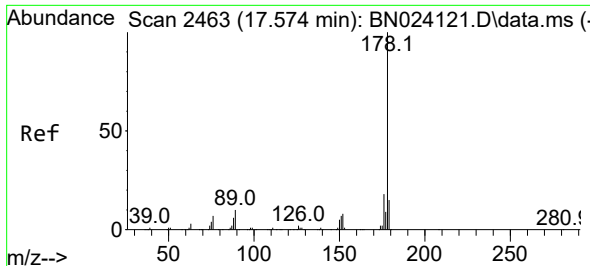
Ion Ratio Lower Upper

178 100

179 15.5 11.6 17.4

176 20.8 14.9 22.3

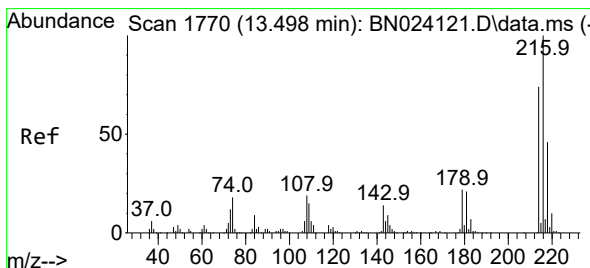
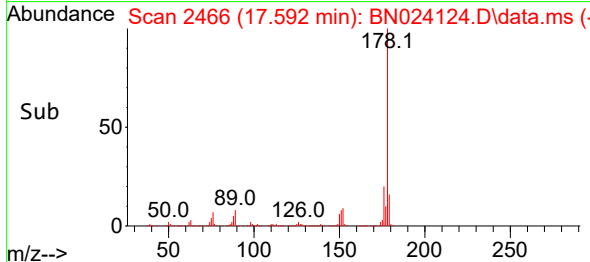
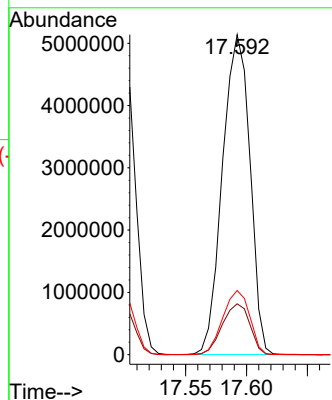
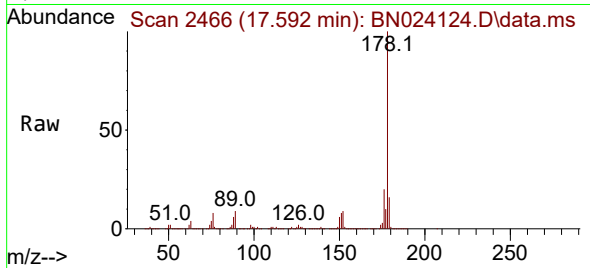




#74
 Anthracene
 Concen: 114.548 ng/uI
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.018 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

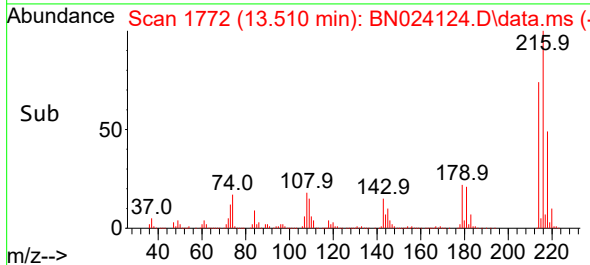
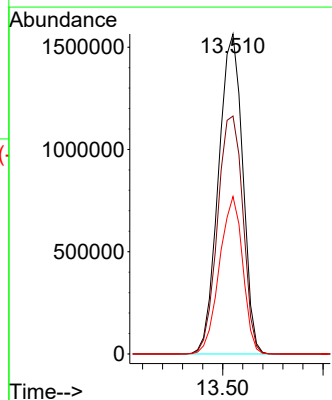
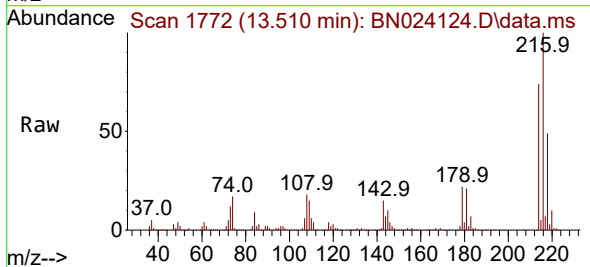
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160201

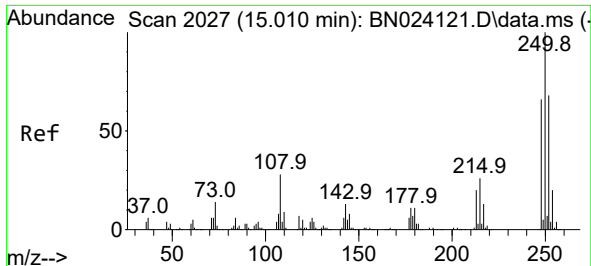
Tgt Ion:178 Resp: 8050601
 Ion Ratio Lower Upper
 178 100
 179 15.9 11.9 17.9
 176 20.0 14.6 21.8



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 122.481 ng/uI
 RT: 13.510 min Scan# 1772
 Delta R.T. 0.012 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

Tgt Ion:216 Resp: 2620026
 Ion Ratio Lower Upper
 216 100
 214 74.3 59.6 89.4
 218 49.2 37.0 55.4

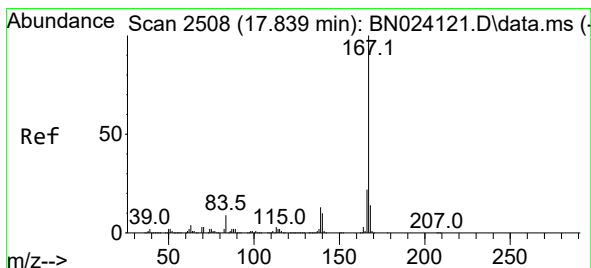
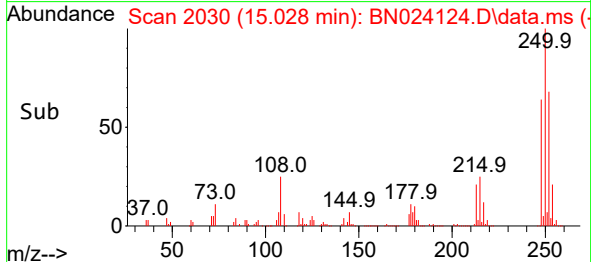
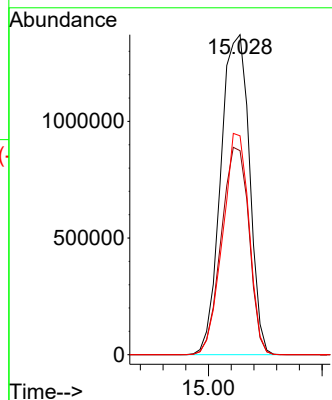
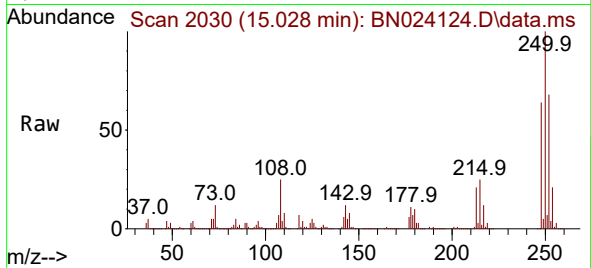




#76
 Pentachlorobenzene
 Concen: 120.883 ng/uL
 RT: 15.028 min Scan# 2027
 Delta R.T. 0.018 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

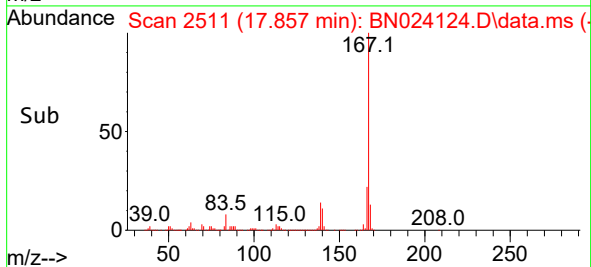
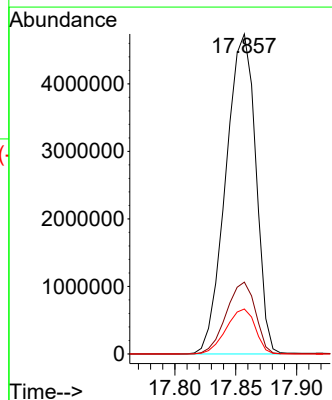
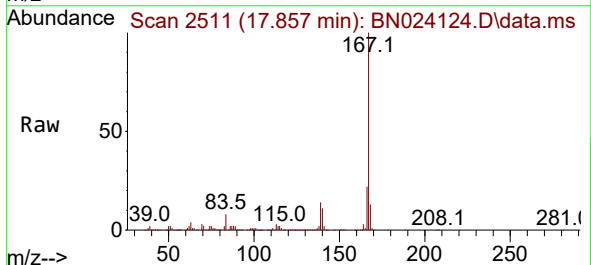
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160201

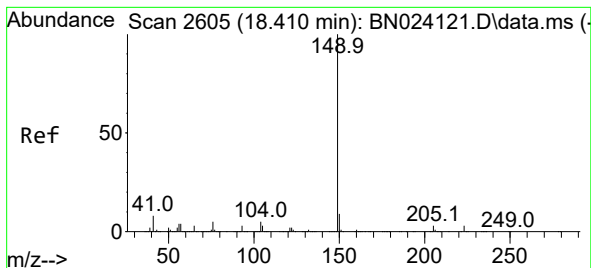
Tgt Ion:250 Resp: 2400342
 Ion Ratio Lower Upper
 250 100
 248 63.7 53.0 79.4
 252 68.4 54.6 81.8



#77
 Carbazole
 Concen: 133.851 ng/uL
 RT: 17.857 min Scan# 2511
 Delta R.T. 0.018 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

Tgt Ion:167 Resp: 8113727
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.3 25.9
 139 14.1 10.5 15.7





#78

Di-n-butylphthalate

Concen: 144.214 ng/ul

RT: 18.416 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

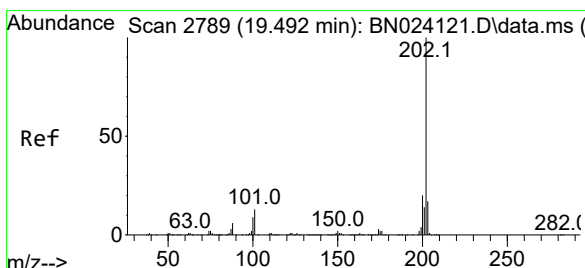
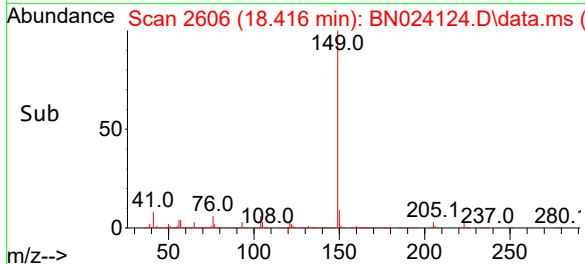
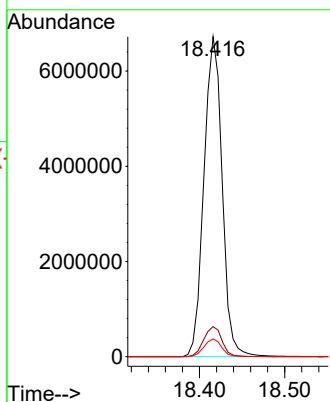
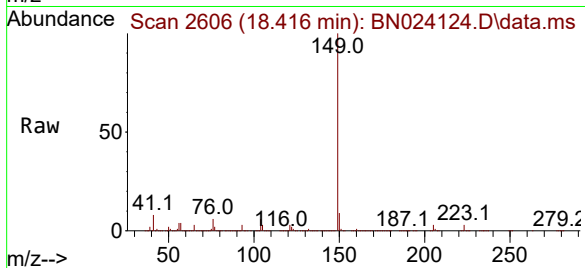
Tgt Ion:149 Resp: 9993118

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.5 4.0 6.0



#80

Fluoranthene

Concen: 133.052 ng/ul

RT: 19.504 min Scan# 2791

Delta R.T. 0.012 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

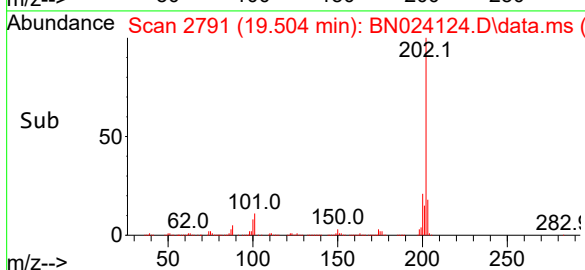
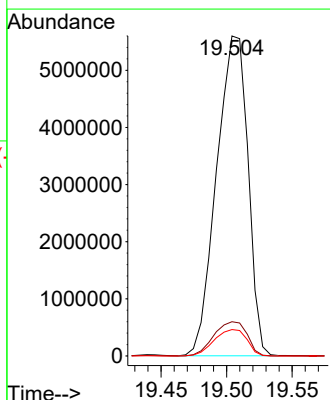
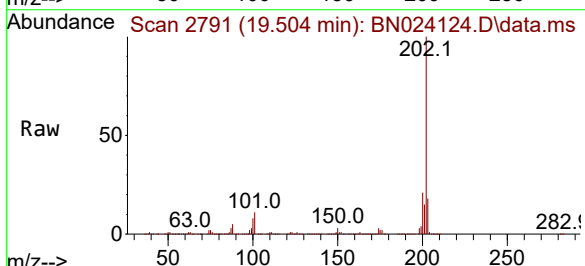
Tgt Ion:202 Resp: 9327566

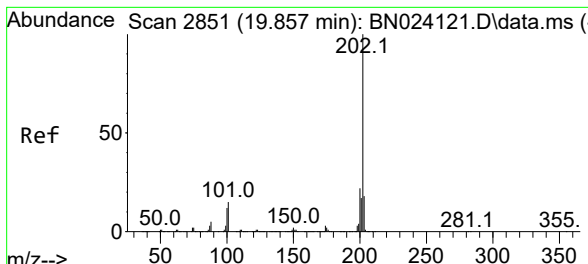
Ion Ratio Lower Upper

202 100

101 10.7 10.0 15.0

100 8.2 7.6 11.4



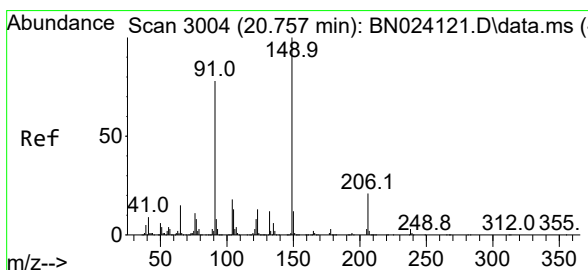
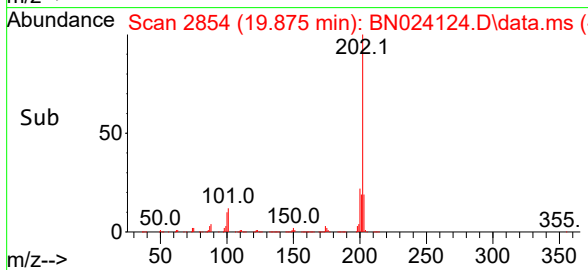
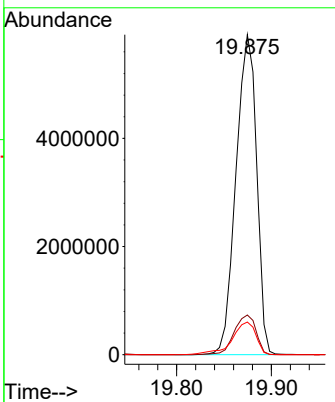
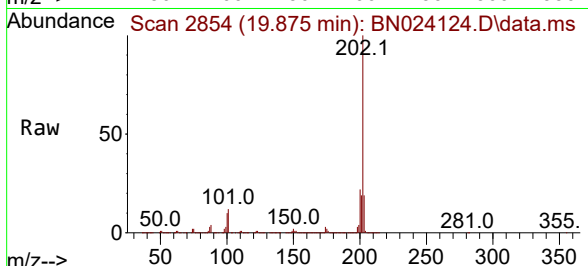


#82
 Pyrene
 Concen: 124.146 ng/ul
 RT: 19.875 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160201

Tgt Ion:202 Resp: 8967861

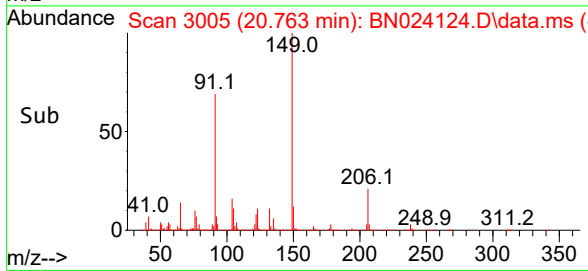
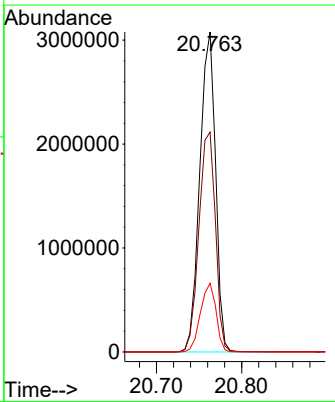
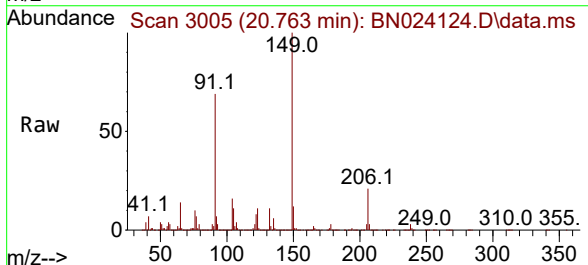
Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.9	17.9
100	10.2	9.9	14.9

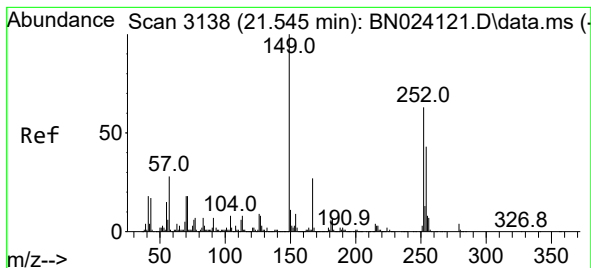


#83
 Butylbenzylphthalate
 Concen: 355.916 ng/ul
 RT: 20.763 min Scan# 3005
 Delta R.T. 0.006 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

Tgt Ion:149 Resp: 3953394

Ion	Ratio	Lower	Upper
149	100		
91	68.7	62.2	93.2
206	21.5	16.4	24.6





#84

3,3'-Dichlorobenzidine

Concen: 133.866 ng/ul

RT: 21.551 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

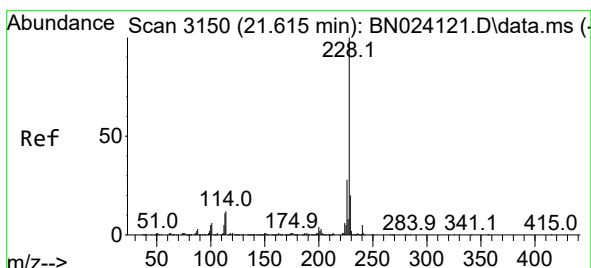
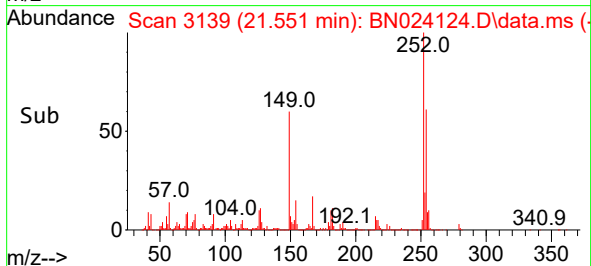
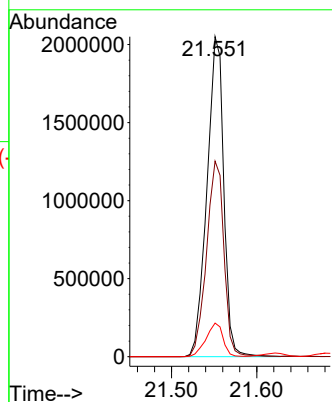
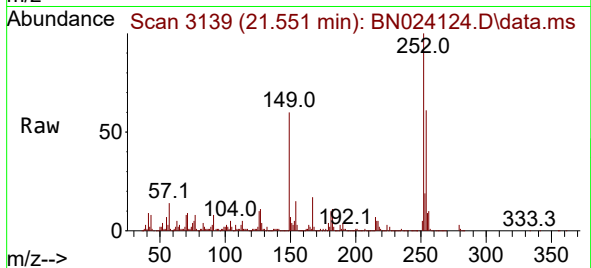
Tgt Ion:252 Resp: 2809411

Ion Ratio Lower Upper

252 100

254 61.1 54.6 81.8

126 10.5 11.0 16.6#



#85

Benzo(a)anthracene

Concen: 133.654 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

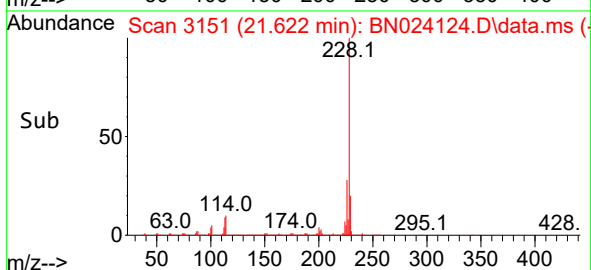
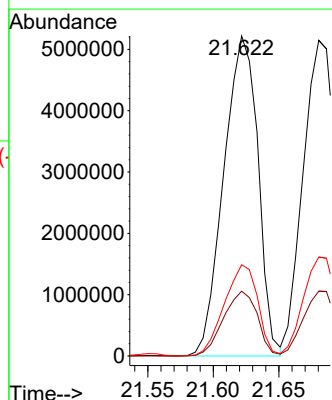
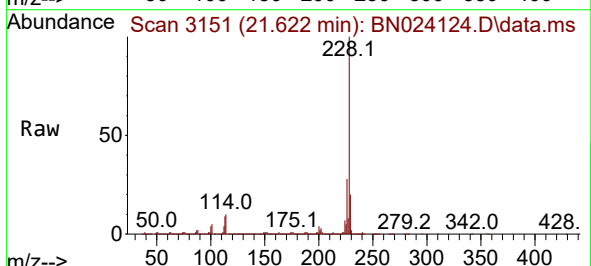
Tgt Ion:228 Resp: 9474872

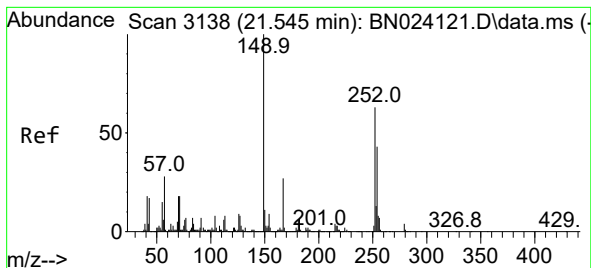
Ion Ratio Lower Upper

228 100

229 20.2 16.3 24.5

226 28.5 22.6 34.0

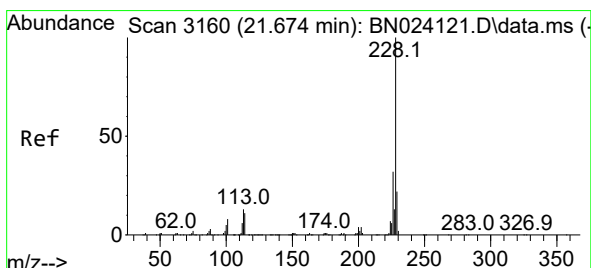
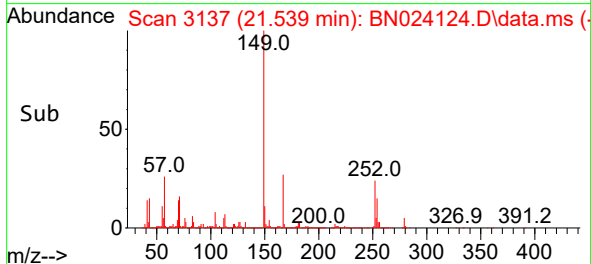
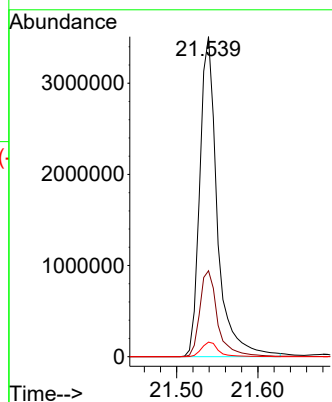
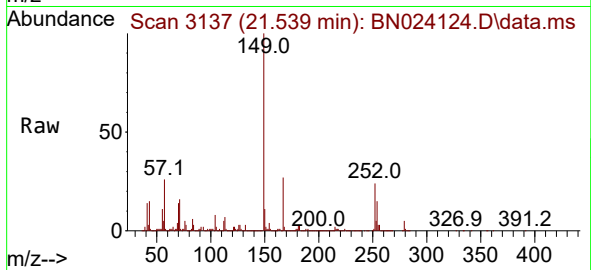




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 258.508 ng/ul
 RT: 21.539 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

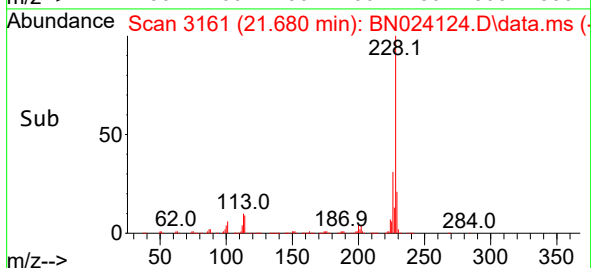
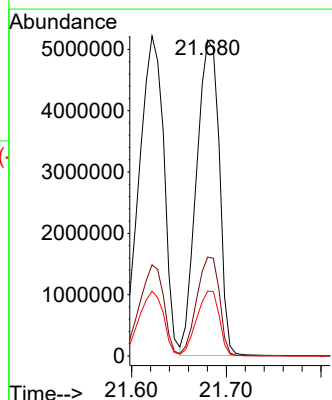
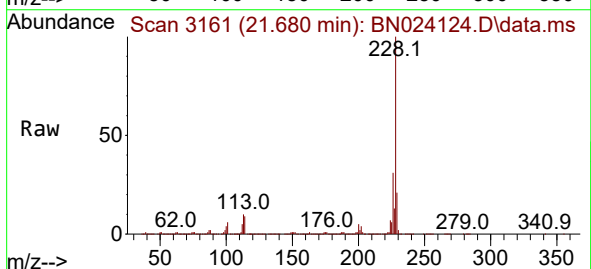
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160201

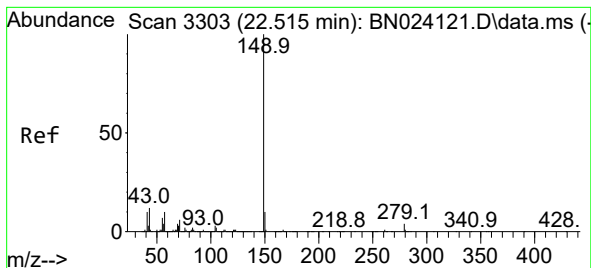
Tgt Ion:149 Resp: 5282650
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.6 32.4
 279 4.6 3.4 5.2



#87
 Chrysene
 Concen: 127.271 ng/ul
 RT: 21.680 min Scan# 3161
 Delta R.T. 0.006 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

Tgt Ion:228 Resp: 8598192
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.8 38.6
 229 20.5 17.5 26.3





#89

Di-n-octyl phthalate

Concen: 212.320 ng/ul

RT: 22.510 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

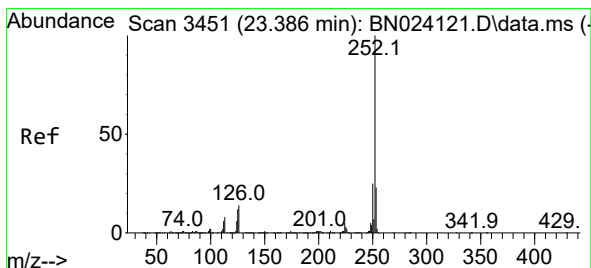
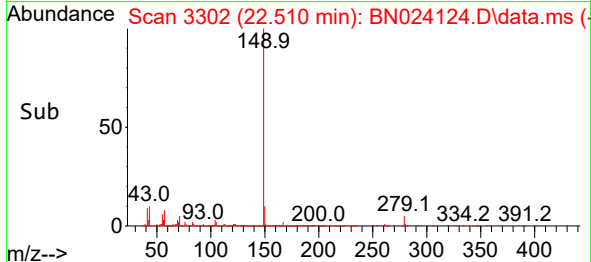
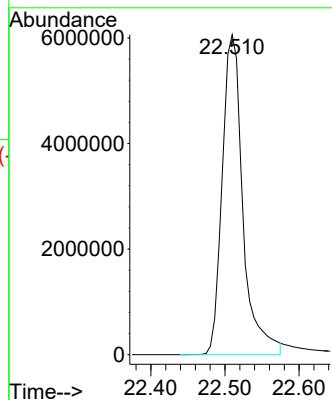
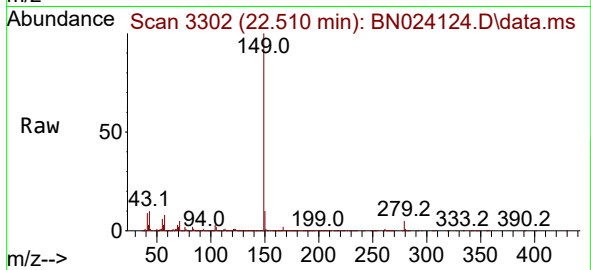
Instrument :

BNA_N

ClientSampleId :

SSTD160201

Tgt Ion:149 Resp:11743545



#90

Benzo(b)fluoranthene

Concen: 138.946 ng/ul

RT: 23.392 min Scan# 3452

Delta R.T. 0.006 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

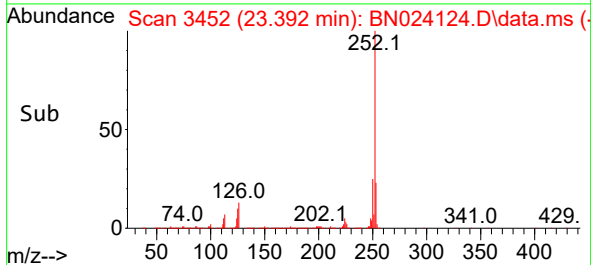
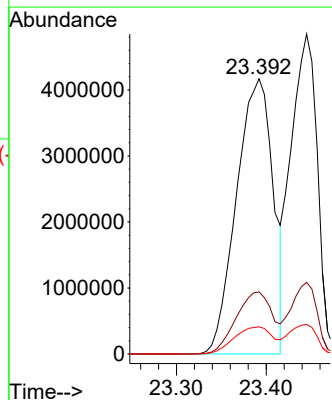
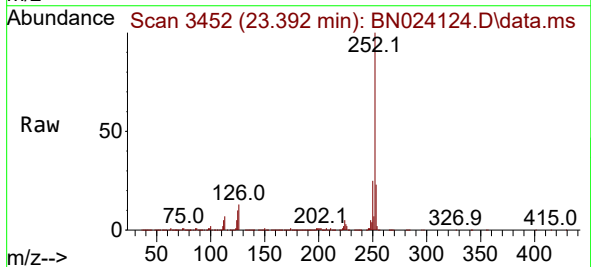
Tgt Ion:252 Resp:11829004

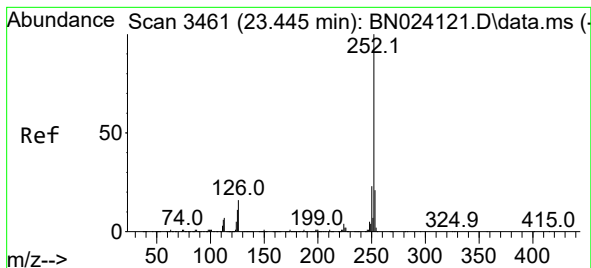
Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

125 9.9 9.5 14.3





#91

Benzo(k)fluoranthene

Concen: 118.257 ng/ul

RT: 23.445 min Scan# 3461

Delta R.T. 0.000 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

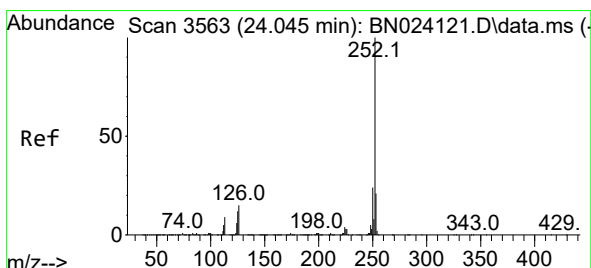
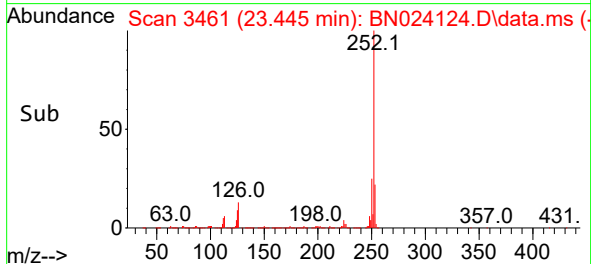
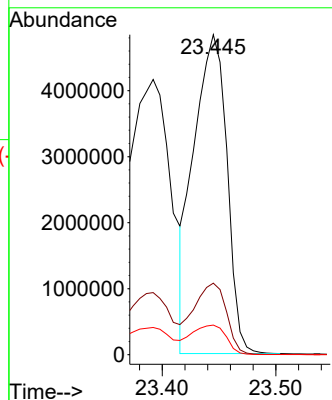
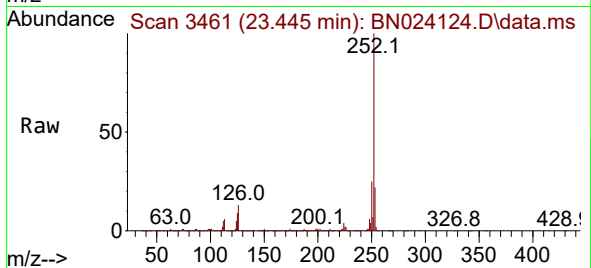
Tgt Ion:252 Resp: 9807385

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.3 9.0 13.6



#93

Benzo(a)pyrene

Concen: 128.768 ng/ul

RT: 24.063 min Scan# 3566

Delta R.T. 0.018 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

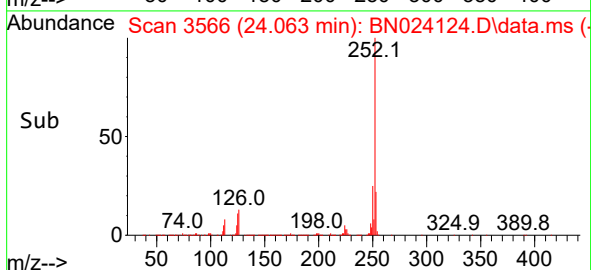
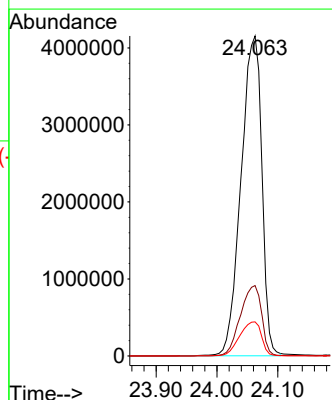
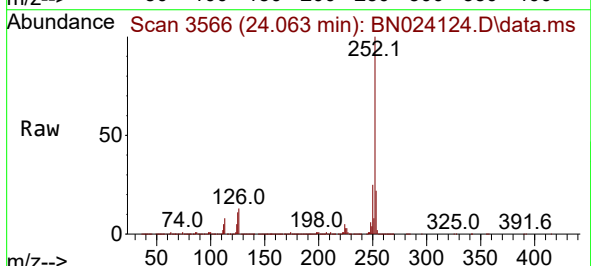
Tgt Ion:252 Resp: 9854188

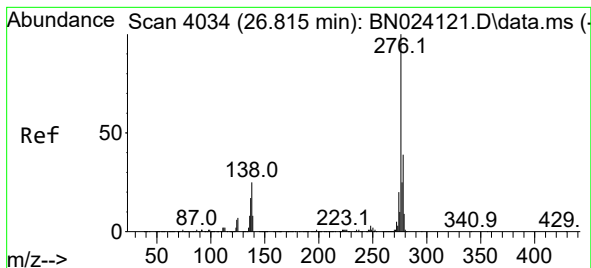
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 10.7 9.5 14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 72.798 ng/ul

RT: 26.804 min Scan# 4034

Delta R.T. -0.011 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

Instrument :

BNA_N

ClientSampleId :

SSTD160201

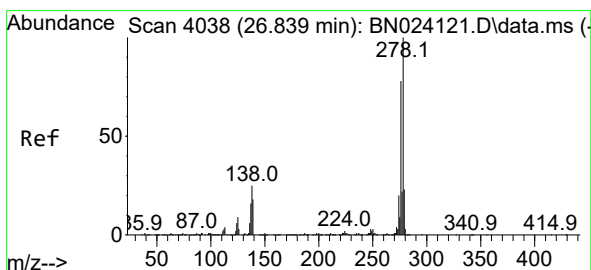
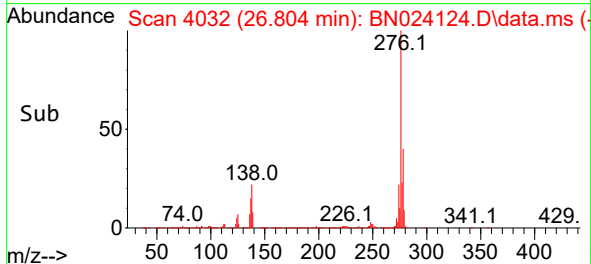
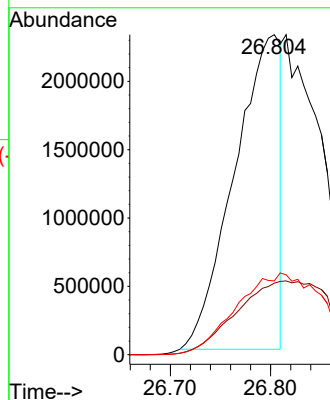
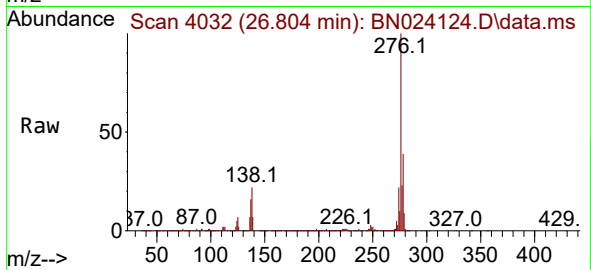
Tgt Ion:276 Resp: 7388976

Ion Ratio Lower Upper

276 100

138 22.3 19.6 29.4

277 23.0 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 120.669 ng/ul

RT: 26.851 min Scan# 4040

Delta R.T. 0.012 min

Lab File: BN024124.D

Acq: 03 Mar 2023 12:15

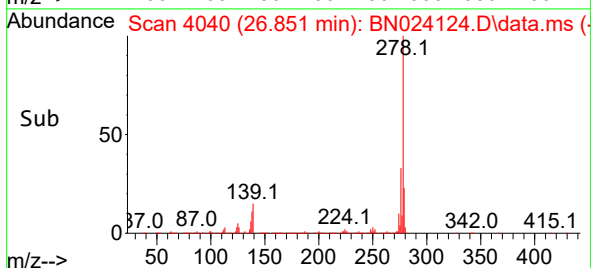
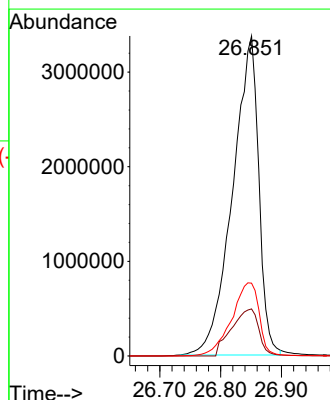
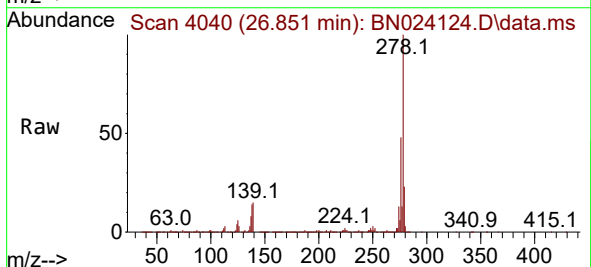
Tgt Ion:278 Resp:10034913

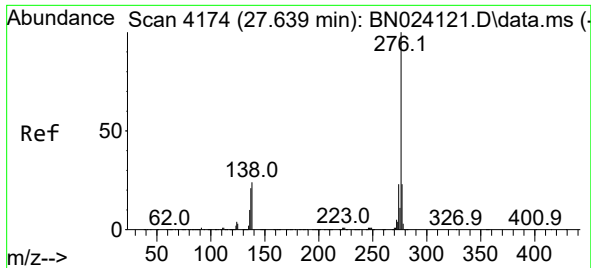
Ion Ratio Lower Upper

278 100

139 14.7 14.4 21.6

279 22.8 18.2 27.2





#96
 Benzo(g,h,i)perylene
 Concen: 133.163 ng/ul
 RT: 27.633 min Scan# 4173
 Delta R.T. -0.006 min
 Lab File: BN024124.D
 Acq: 03 Mar 2023 12:15

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160201

Tgt Ion:276 Resp:11156742
 Ion Ratio Lower Upper
 276 100
 138 21.8 18.8 28.2
 277 22.4 18.6 27.8

