

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101122\
 Data File : BN022055.D
 Acq On : 11 Oct 2022 16:56
 Operator : CG/JU
 Sample : SST08033
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080242

Quant Time: Oct 12 03:08:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 03:00:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	109351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.799	136	533270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	339606	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	730376	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	671783	20.000	ng/u1	0.00
88) Perylene-d12	24.069	264	762811	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	86130	29.573	ng/uL	0.00
4) Pyridine-d5	3.699	84	682786	86.017	ng/u1	0.00
7) Phenol-d5	7.128	99	894738	90.216	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	539878	89.929	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	643180	89.137	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	704063	90.476	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	343434	94.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	371504	114.479	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	649404	90.358	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	991847	81.261	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1889301	81.394	ng/u1	0.01
49) Acenaphthylene-d8	14.334	160	2177918	80.483	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	426442	92.323	ng/u1	0.02
60) Fluorene-d10	15.634	176	1595776	79.009	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	347088	118.810	ng/u1	0.01
73) Anthracene-d10	17.498	188	2438715	75.768	ng/u1	0.00
81) Pyrene-d10	19.798	212	2638087	82.576	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	3104304	85.858	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	92193	30.736	ng/uL	89
5) Pyridine	3.717	79	677830	84.867	ng/u1	96
6) Benzaldehyde	7.099	77	384605	89.252	ng/u1	99
8) Phenol	7.158	94	939759	91.696	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.387	93	719895	88.095	ng/u1	100
12) 2-Chlorophenol	7.528	128	686711	88.710	ng/u1	97
13) 2-Methylphenol	8.422	108	700040	89.899	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.511	45	1053131	102.173	ng/u1	100
16) Acetophenone	8.811	105	1099647	89.346	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.805	70	600044	97.912	ng/u1	99
18) 4-Methylphenol	8.764	108	779163	91.088	ng/u1	99
19) Hexachloroethane	9.058	117	265236	85.963	ng/u1	95
22) Nitrobenzene	9.193	77	876189	97.862	ng/u1	100
23) Isophorone	9.728	82	1750778	94.963	ng/u1	99
25) 2-Nitrophenol	9.911	139	419687	110.404	ng/u1	98
26) 2,4-Dimethylphenol	9.969	107	828773	88.043	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.211	93	1020782	88.413	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	655690	87.074	ng/u1	97
30) Naphthalene	10.852	128	2261601	81.449	ng/u1	99
32) 4-Chloroaniline	10.969	127	1044898	82.607	ng/u1	97
33) Hexachlorobutadiene	11.128	225	343996	79.296	ng/u1	93
34) Caprolactam	11.775	113	136480	47.383	ng/u1	95
35) 4-Chloro-3-methylphenol	12.099	107	802761	94.591	ng/u1	96
36) 2-Methylnaphthalene	12.469	142	1568607	83.509	ng/u1	99

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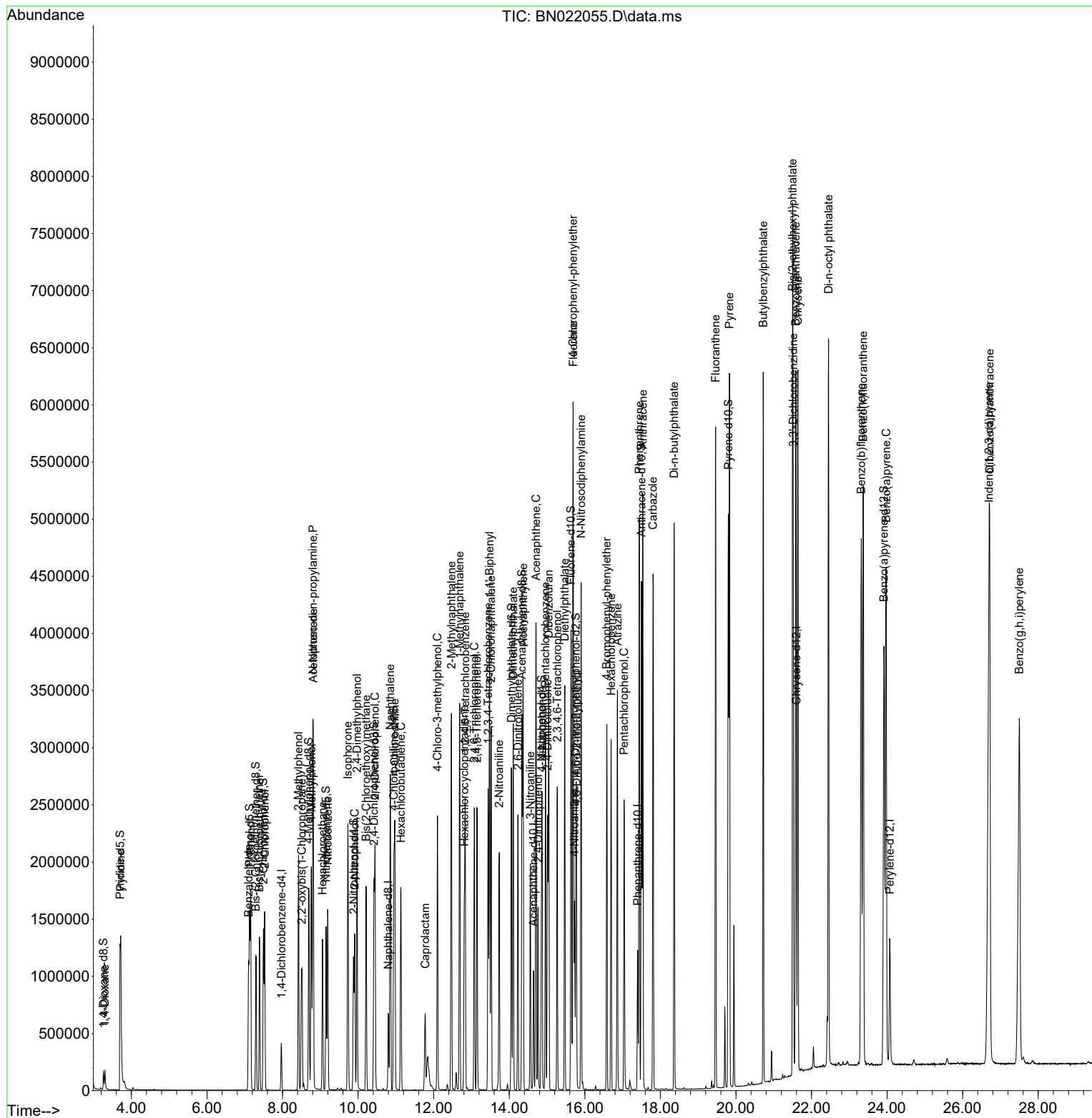
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	1565892	82.950	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.834	216	700624	80.455	ng/ul	95
40) Hexachlorocyclopentadiene	12.810	237	391928	75.595	ng/ul	91
41) 2,4,6-Trichlorophenol	13.075	196	518145	95.893	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.146	196	569437	96.049	ng/ul	96
43) 1,1'-Biphenyl	13.475	154	1990553	80.206	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	1552678	81.719	ng/ul	99
45) 2-Nitroaniline	13.734	65	561735	117.876	ng/ul	98
47) Dimethylphthalate	14.104	163	1993716	83.970	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	437166	107.323	ng/ul	99
50) Acenaphthylene	14.369	152	2415100	77.310	ng/ul	98
51) 3-Nitroaniline	14.557	138	454565	100.172	ng/ul	99
52) Acenaphthene	14.710	153	1671063	82.786	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	289724	145.291	ng/ul	97
55) 4-Nitrophenol	14.869	109	335993	90.744	ng/ul	97
56) Dibenzofuran	15.046	168	2232995	76.996	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	623696	105.428	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.269	232	459031	100.874	ng/ul	96
59) Diethylphthalate	15.469	149	2069683	86.439	ng/ul	98
61) Fluorene	15.693	166	1721905	75.282	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.687	204	776017	73.598	ng/ul	92
63) 4-Nitroaniline	15.728	138	437760	96.127	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.781	198	371163	119.926	ng/ul#	92
67) N-Nitrosodiphenylamine	15.904	169	1622633	79.267	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	526538	81.059	ng/ul	97
69) Hexachlorobenzene	16.698	284	585627	75.737	ng/ul	98
70) Atrazine	16.863	200	581957	80.340	ng/ul	98
71) Pentachlorophenol	17.040	266	398565	92.584	ng/ul	92
72) Phenanthrene	17.440	178	2985240	77.380	ng/ul	99
74) Anthracene	17.534	178	2972786	77.387	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.440	216	718510	77.292	ng/ul	98
76) Pentachlorobenzene	14.957	250	727463	82.149	ng/ul	93
77) Carbazole	17.804	167	2858196	78.733	ng/ul	100
78) Di-n-butylphthalate	18.363	149	3647655	89.123	ng/ul	98
80) Fluoranthene	19.463	202	3389540	87.960	ng/ul	99
82) Pyrene	19.828	202	3414511	85.016	ng/ul	99
83) Butylbenzylphthalate	20.722	149	1777257	116.913	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	1201926	93.836	ng/ul	99
85) Benzo(a)anthracene	21.580	228	3280883	81.113	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.498	149	2418527	103.911	ng/ul	100
87) Chrysene	21.639	228	3123846	79.767	ng/ul	94
89) Di-n-octyl phthalate	22.451	149	4725552	105.757	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	3731227	80.400	ng/ul	96
91) Benzo(k)fluoranthene	23.369	252	3720531	89.621	ng/ul	96
93) Benzo(a)pyrene	23.974	252	3368355	75.860	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.698	276	4452221	81.675	ng/ul	99
95) Dibenzo(a,h)anthracene	26.716	278	3819182	83.020	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	4064630	85.448	ng/ul	99

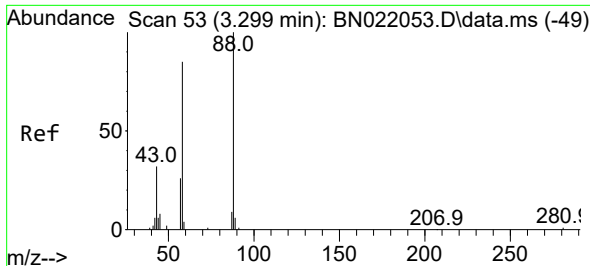
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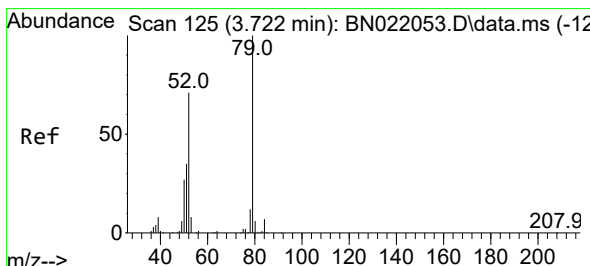
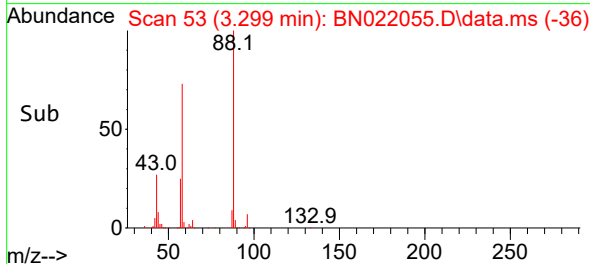
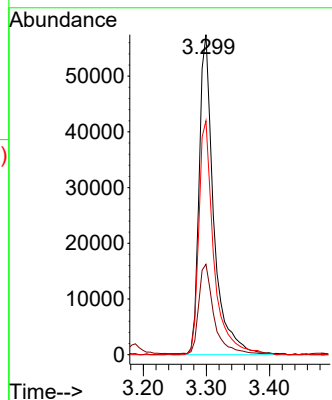
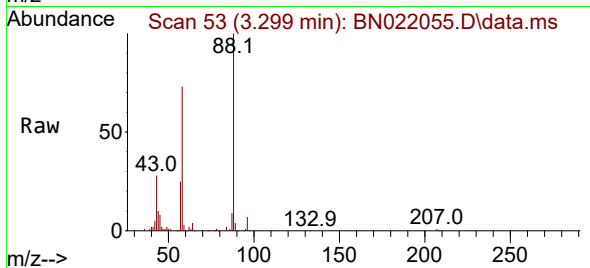




#2
 1,4-Dioxane
 Concen: 30.736 ng/uL
 RT: 3.299 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

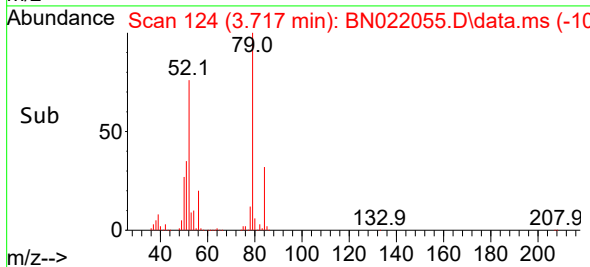
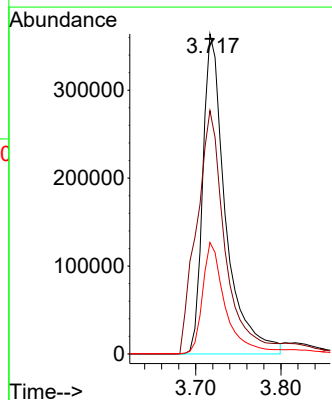
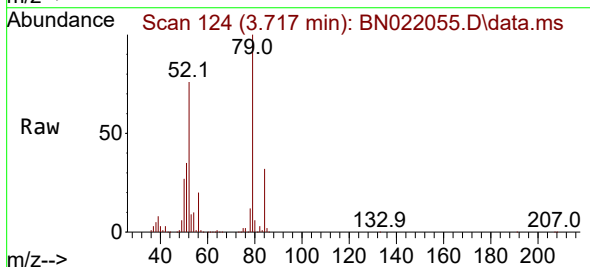
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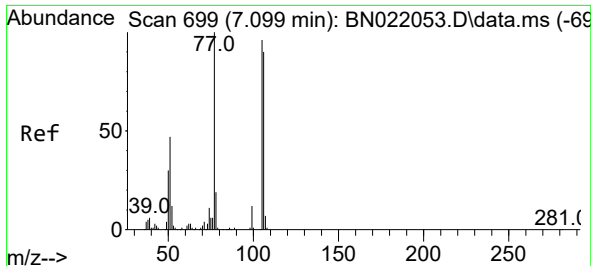
Tgt Ion: 88 Resp: 92193
 Ion Ratio Lower Upper
 88 100
 43 28.2 25.1 37.7
 58 73.1 67.4 101.2



#5
 Pyridine
 Concen: 84.867 ng/uL
 RT: 3.717 min Scan# 124
 Delta R.T. -0.006 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

Tgt Ion: 79 Resp: 677830
 Ion Ratio Lower Upper
 79 100
 52 76.1 64.1 96.1
 51 34.8 28.9 43.3

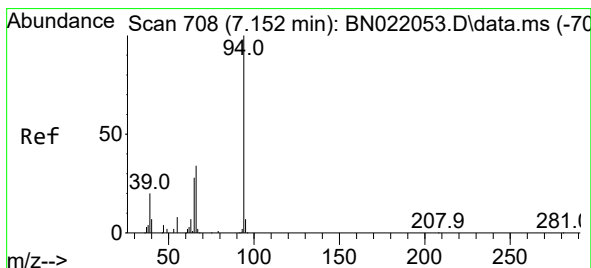
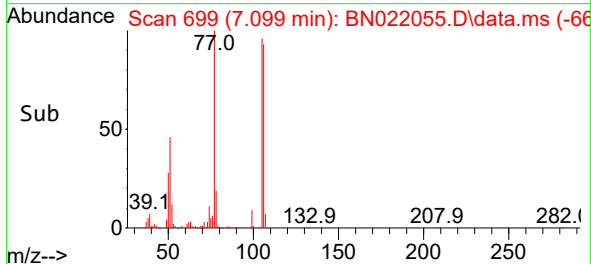
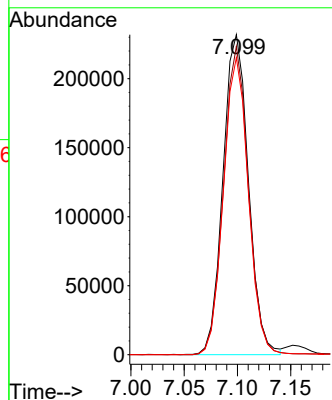
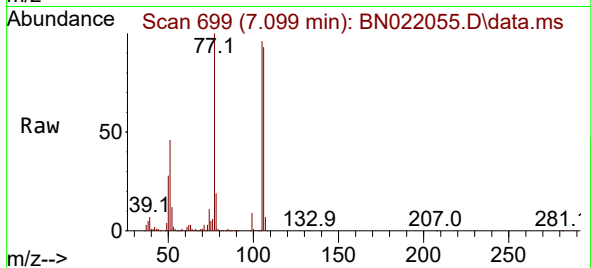




#6
Benzaldehyde
Concen: 89.252 ng/ul
RT: 7.099 min Scan# 699
Delta R.T. 0.000 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

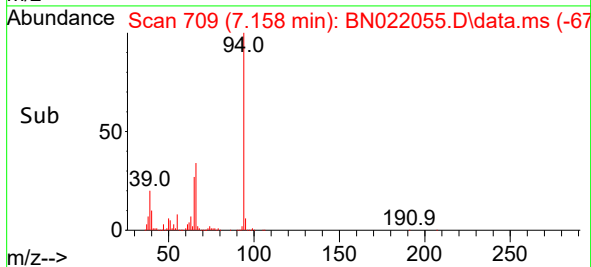
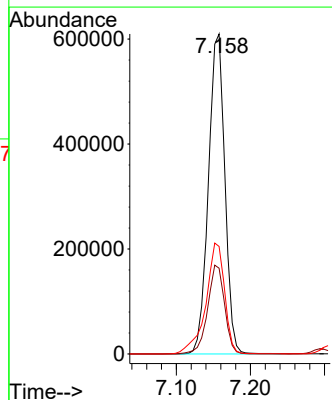
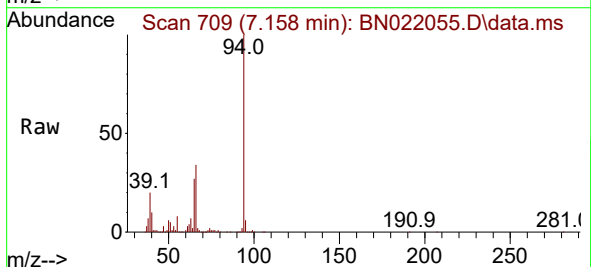
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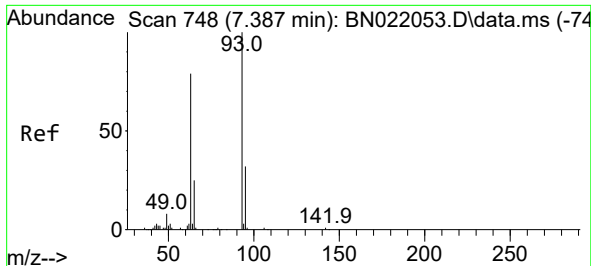
Tgt Ion: 77 Resp: 384605
Ion Ratio Lower Upper
77 100
105 96.4 77.0 115.6
106 92.9 72.3 108.5



#8
Phenol
Concen: 91.696 ng/ul
RT: 7.158 min Scan# 709
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion: 94 Resp: 939759
Ion Ratio Lower Upper
94 100
65 26.8 22.8 34.2
66 33.6 29.3 43.9





#10

Bis(2-Chloroethyl)ether

Concen: 88.095 ng/ul

RT: 7.387 min Scan# 748

Delta R.T. 0.000 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

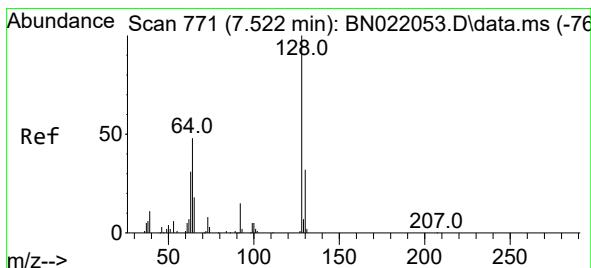
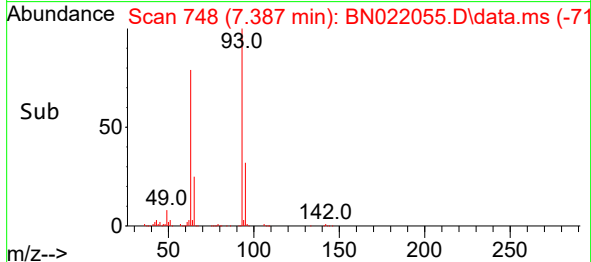
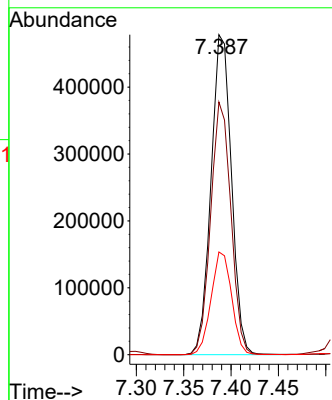
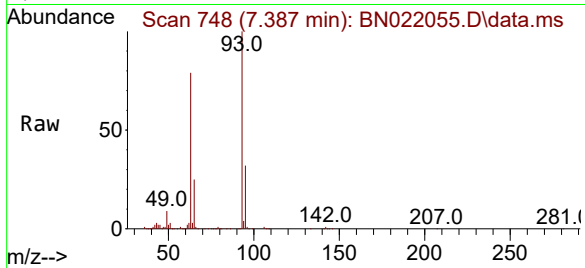
Tgt Ion: 93 Resp: 719895

Ion Ratio Lower Upper

93 100

63 79.0 63.2 94.8

95 32.1 25.9 38.9



#12

2-Chlorophenol

Concen: 88.710 ng/ul

RT: 7.528 min Scan# 772

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

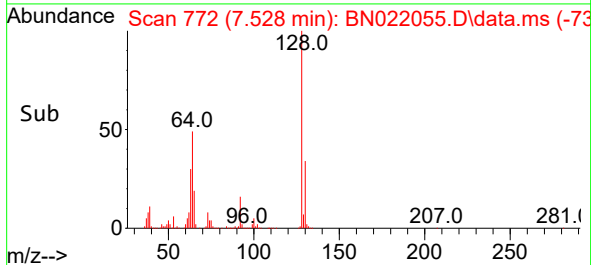
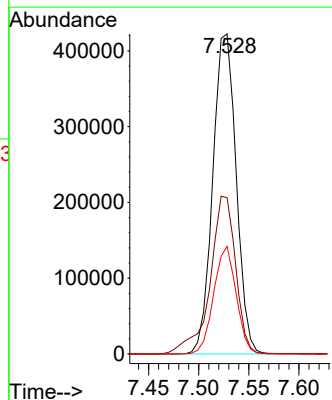
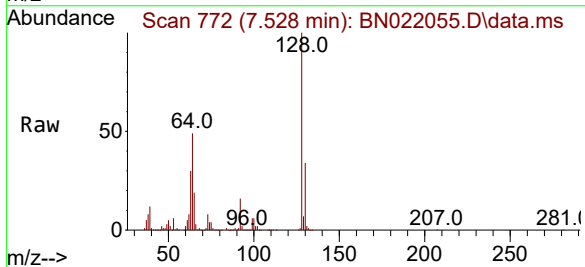
Tgt Ion:128 Resp: 686711

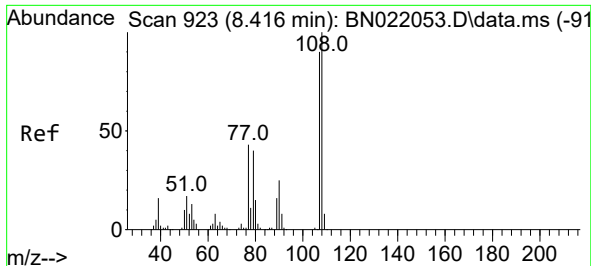
Ion Ratio Lower Upper

128 100

64 48.9 40.9 61.3

130 33.6 25.9 38.9





#13

2-Methylphenol

Concen: 89.899 ng/ul

RT: 8.422 min Scan# 91

Delta R.T. 0.006 min

Lab File: BN022055.D

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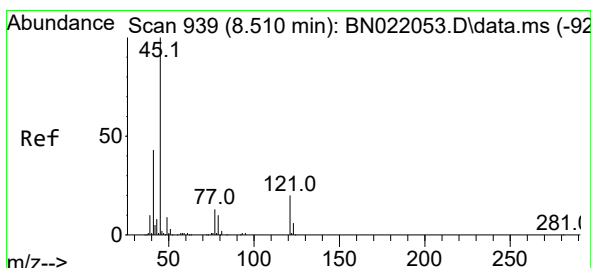
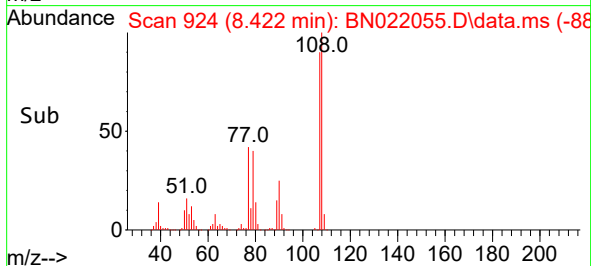
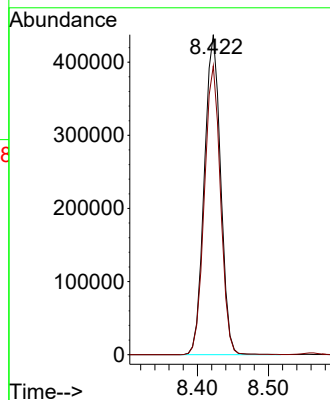
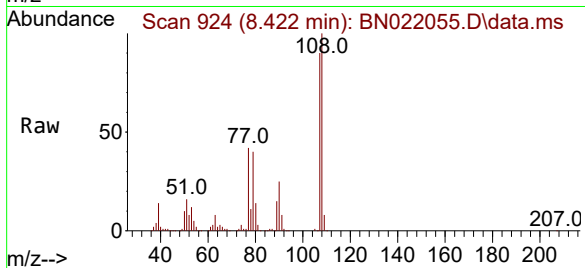
SSTD080242

Tgt Ion:108 Resp: 700040

Ion Ratio Lower Upper

108 100

107 90.3 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 102.173 ng/ul

RT: 8.511 min Scan# 939

Delta R.T. 0.000 min

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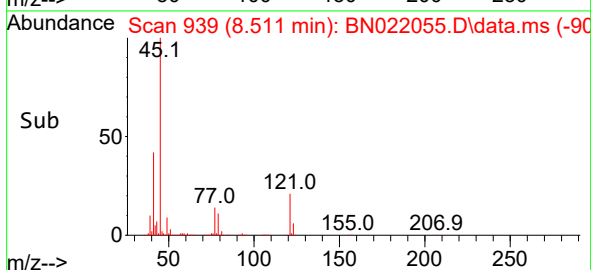
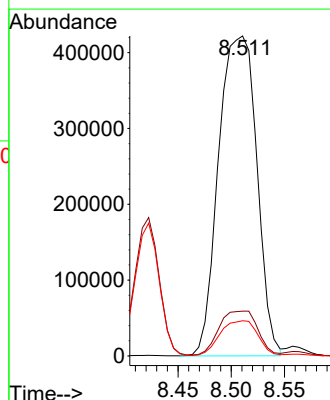
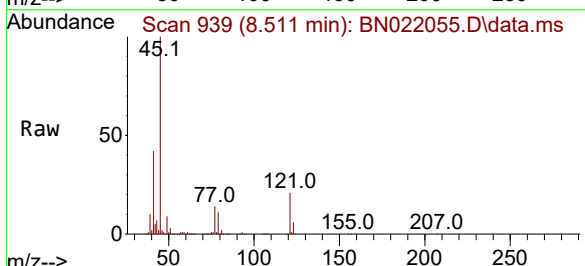
Tgt Ion: 45 Resp: 1053131

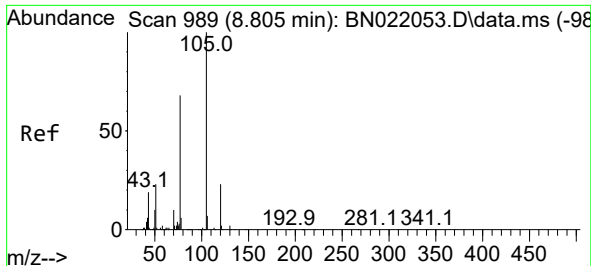
Ion Ratio Lower Upper

45 100

77 14.0 11.3 16.9

79 11.0 8.6 12.8

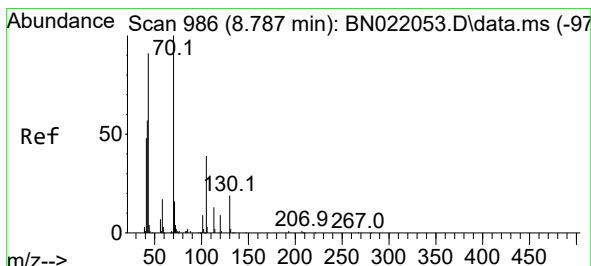
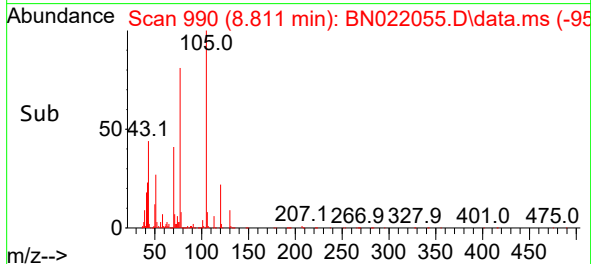
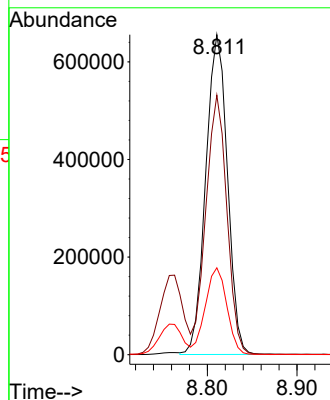
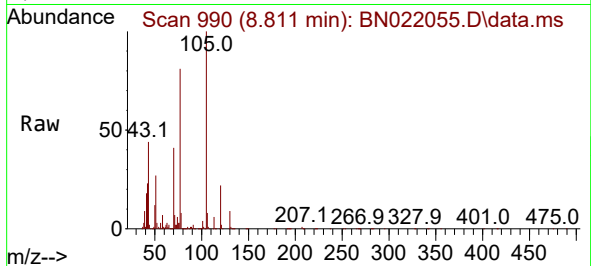




#16
Acetophenone
Concen: 89.346 ng/ul
RT: 8.811 min Scan# 990
Delta R.T. 0.006 min
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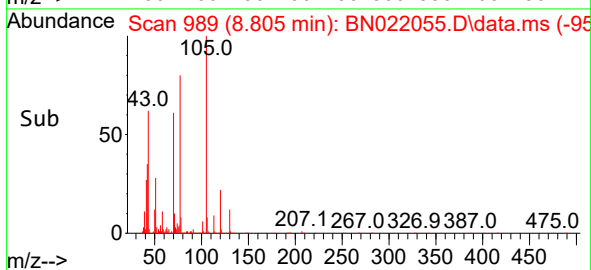
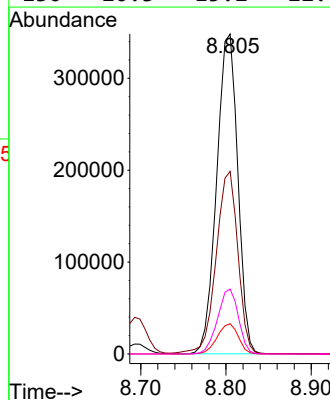
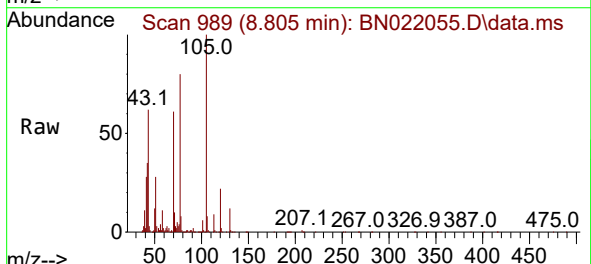
Instrument :
BNA_N
ClientSampleId :
SSTD080242

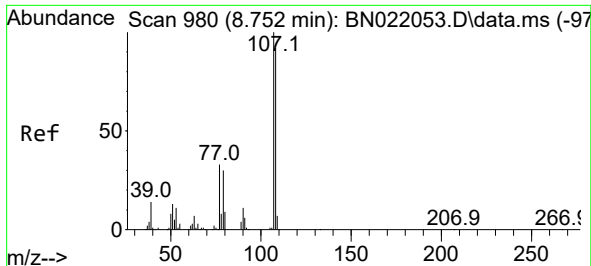
Tgt Ion:105 Resp: 1099647
Ion Ratio Lower Upper
105 100
77 81.1 63.4 95.0
51 27.1 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 97.912 ng/ul
RT: 8.805 min Scan# 989
Delta R.T. 0.018 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion: 70 Resp: 600044
Ion Ratio Lower Upper
70 100
42 57.1 46.2 69.4
101 9.4 7.1 10.7
130 20.3 15.2 22.8

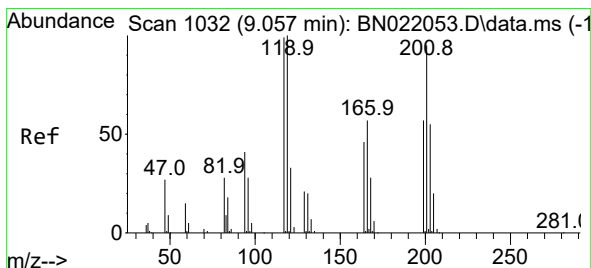
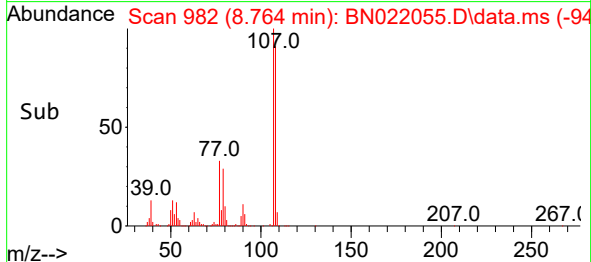
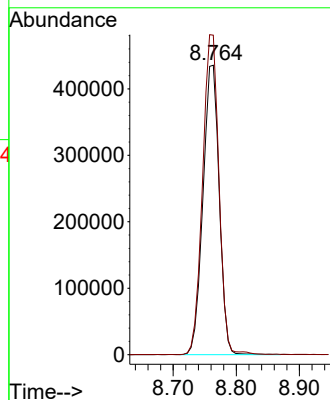
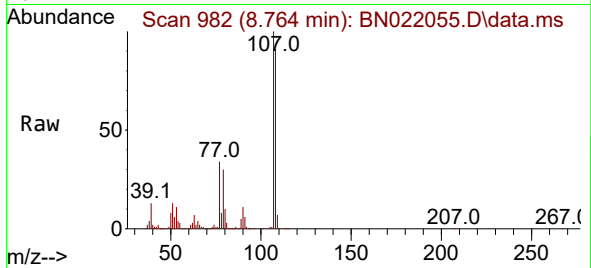




#18
4-Methylphenol
Concen: 91.088 ng/ul
RT: 8.764 min Scan# 91
Delta R.T. 0.012 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

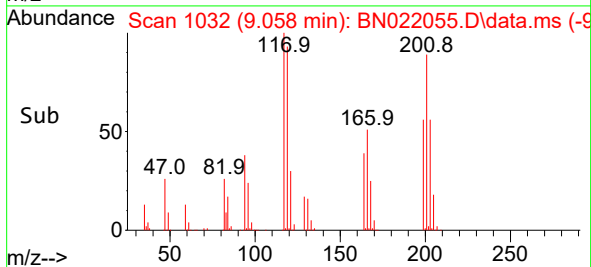
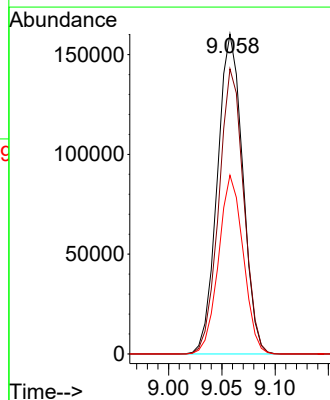
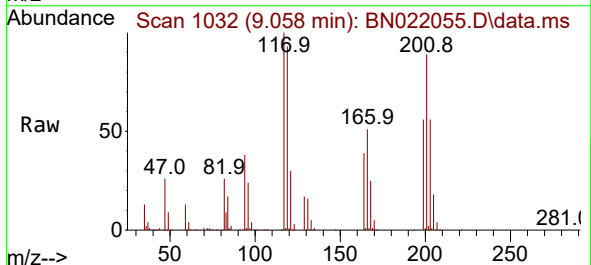
Instrument :
BNA_N
ClientSampleId :
SSTD080242

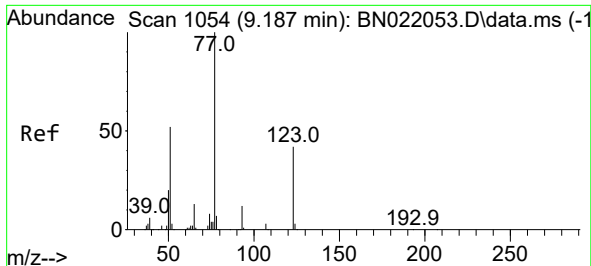
Tgt Ion:108 Resp: 779163
Ion Ratio Lower Upper
108 100
107 110.4 87.3 130.9



#19
Hexachloroethane
Concen: 85.963 ng/ul
RT: 9.058 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:117 Resp: 265236
Ion Ratio Lower Upper
117 100
201 89.1 76.8 115.2
199 55.9 46.2 69.2

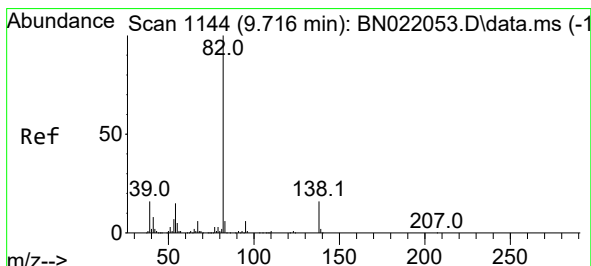
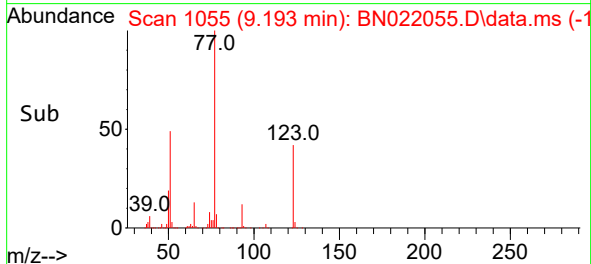
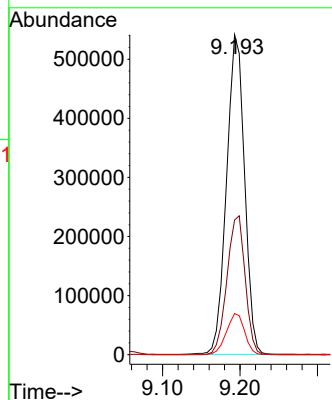
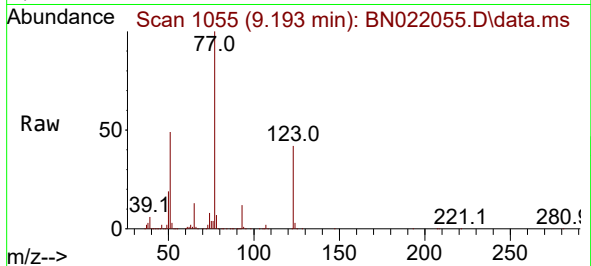




#22
Nitrobenzene
Concen: 97.862 ng/ul
RT: 9.193 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

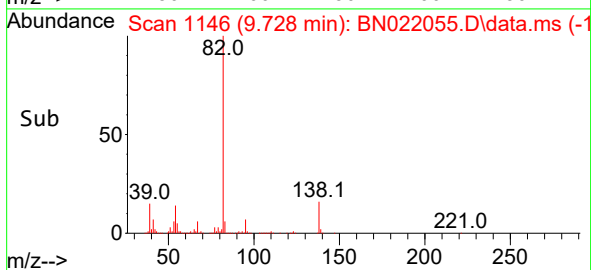
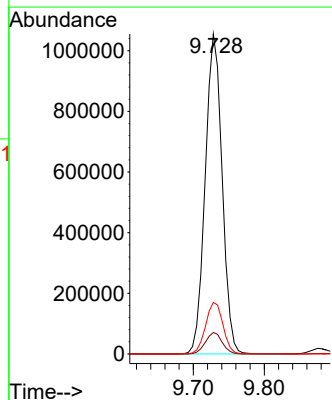
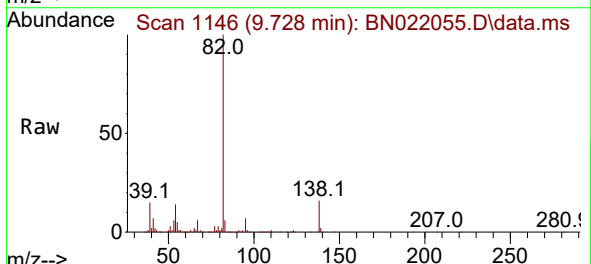
Instrument :
BNA_N
ClientSampleId :
SSTD080242

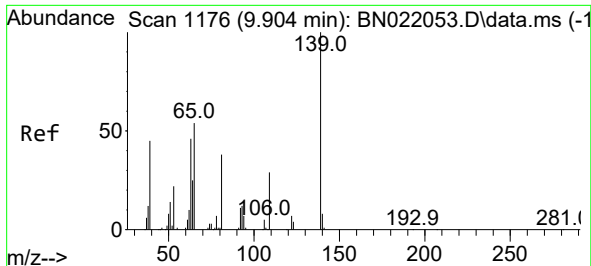
Tgt Ion: 77 Resp: 876189
Ion Ratio Lower Upper
77 100
123 42.1 33.8 50.8
65 12.8 10.5 15.7



#23
Isophorone
Concen: 94.963 ng/ul
RT: 9.728 min Scan# 1146
Delta R.T. 0.012 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion: 82 Resp: 1750778
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.1 12.6 18.8

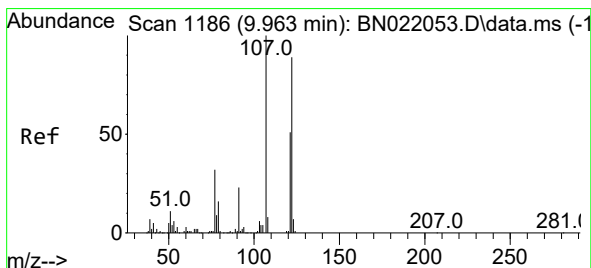
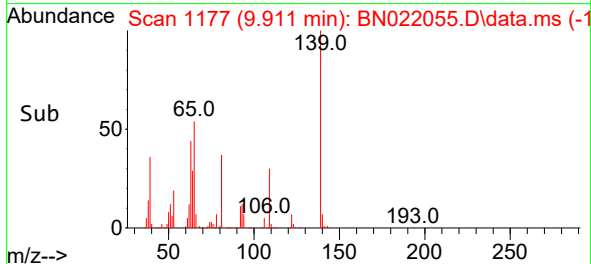
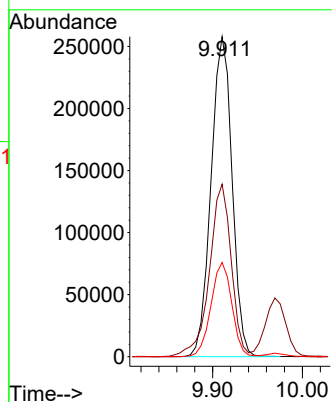
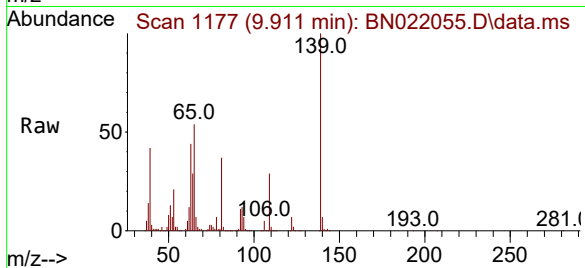




#25
2-Nitrophenol
Concen: 110.404 ng/ul
RT: 9.911 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

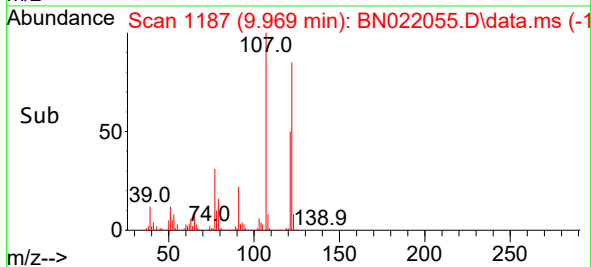
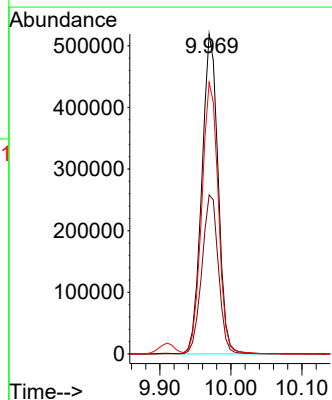
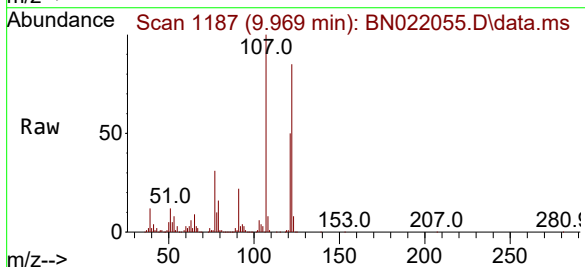
Instrument :
BNA_N
ClientSampleId :
SSTD080242

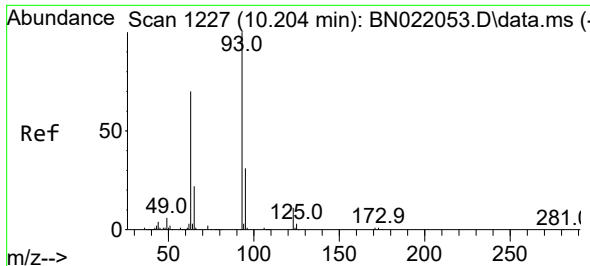
Tgt Ion:139 Resp: 419687
Ion Ratio Lower Upper
139 100
65 53.9 44.9 67.3
109 29.4 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 88.043 ng/ul
RT: 9.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:107 Resp: 828773
Ion Ratio Lower Upper
107 100
121 49.7 41.0 61.4
122 84.9 71.8 107.6

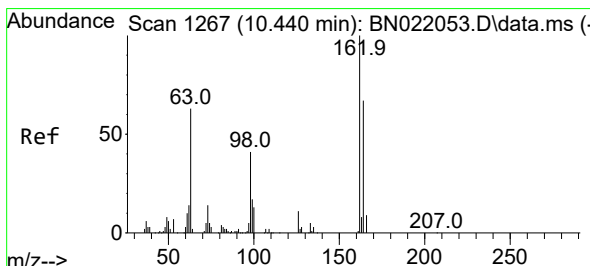
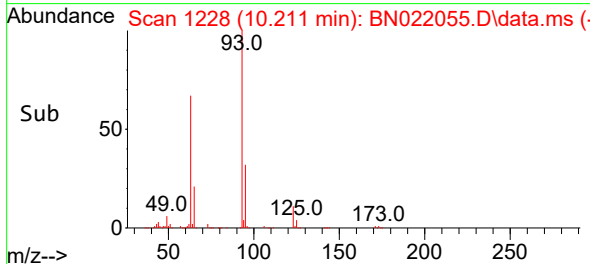
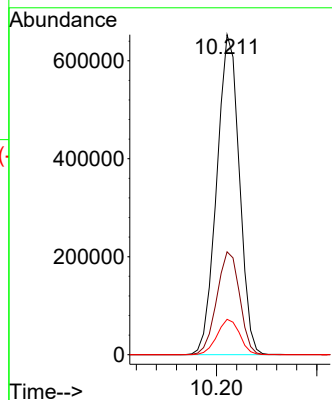
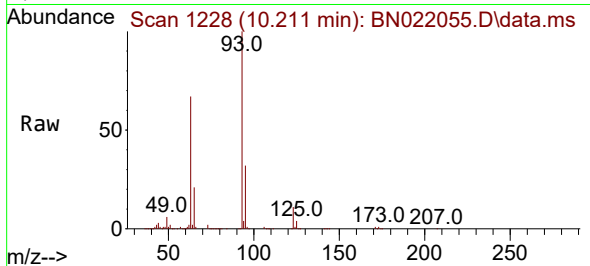




#27
 Bis(2-Chloroethoxy)methane
 Concen: 88.413 ng/ul
 RT: 10.211 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

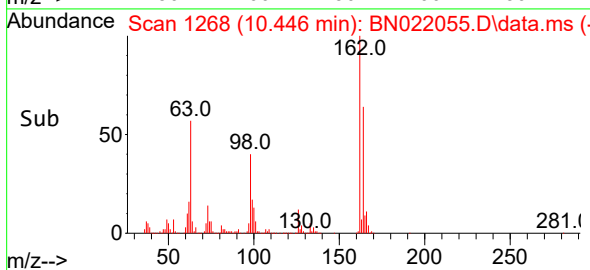
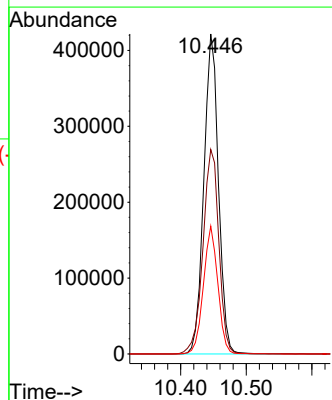
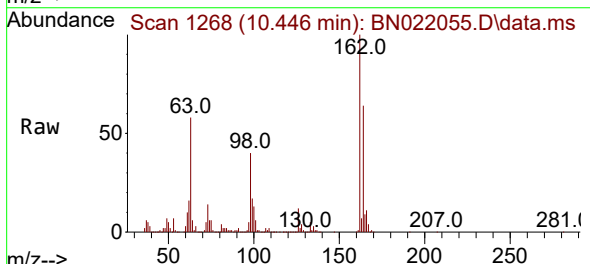
Instrument :
 BNA_N
 ClientSampleId :
 SSTD080242

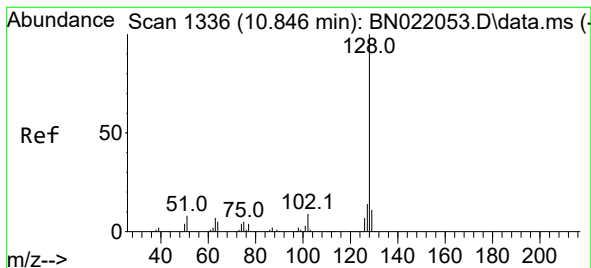
Tgt Ion: 93 Resp: 1020782
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.0 37.6
 123 11.0 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 87.074 ng/ul
 RT: 10.446 min Scan# 1268
 Delta R.T. 0.006 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

Tgt Ion: 162 Resp: 655690
 Ion Ratio Lower Upper
 162 100
 164 63.9 53.9 80.9
 98 39.9 32.5 48.7





#30

Naphthalene

Concen: 81.449 ng/ul

RT: 10.852 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

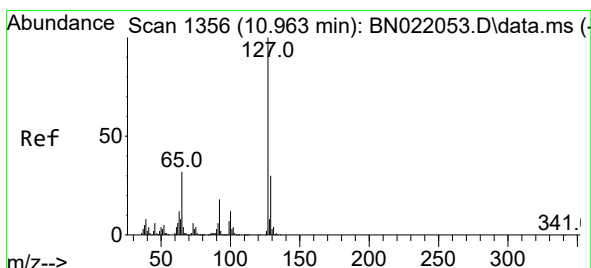
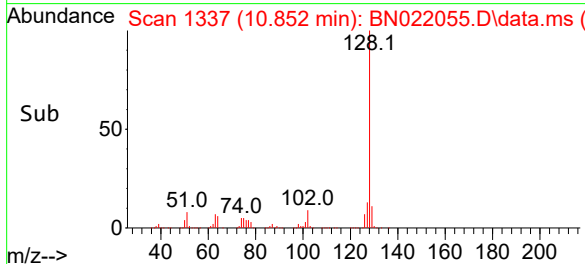
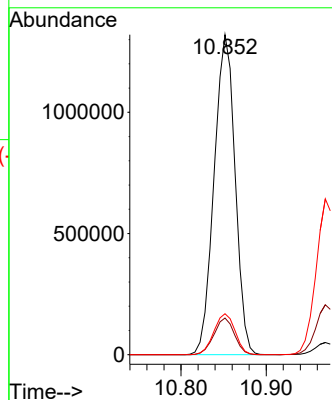
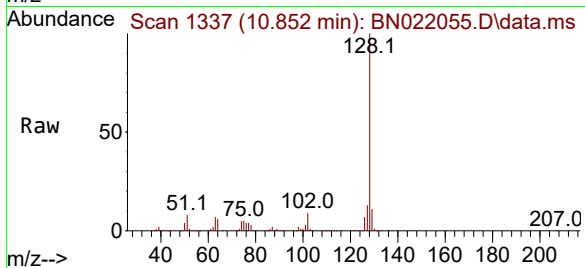
Tgt Ion:128 Resp: 2261601

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 12.8 11.0 16.4



#32

4-Chloroaniline

Concen: 82.607 ng/ul

RT: 10.969 min Scan# 1357

Delta R.T. 0.006 min

Lab File: BN022055.D

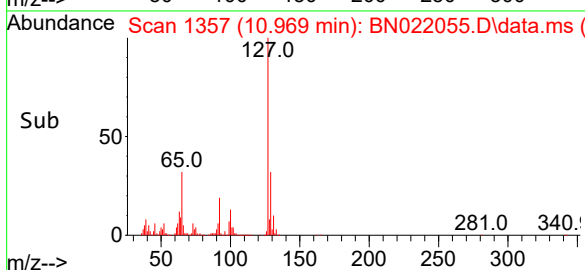
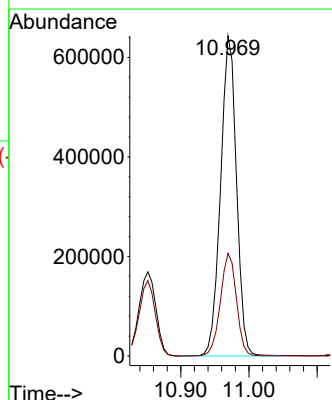
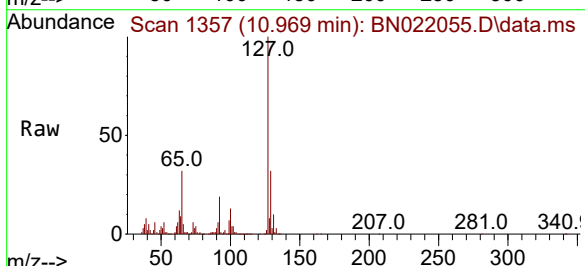
Acq: 11 Oct 2022 16:56

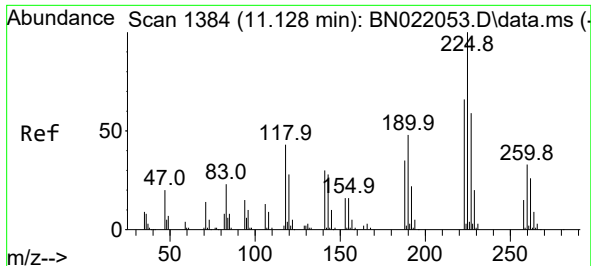
Tgt Ion:127 Resp: 1044898

Ion Ratio Lower Upper

127 100

129 32.0 24.2 36.4

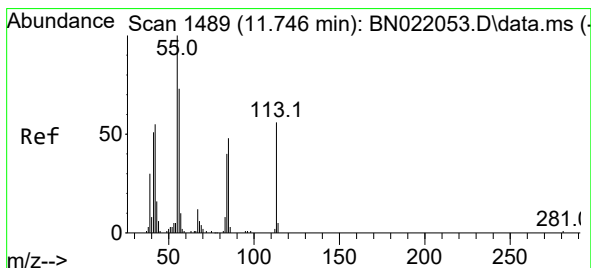
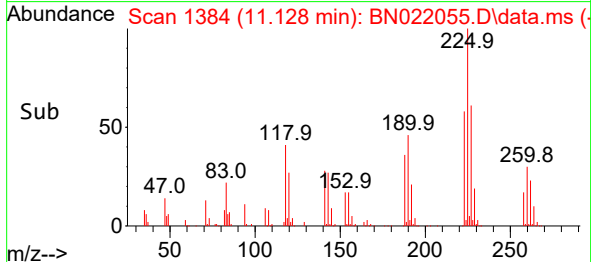
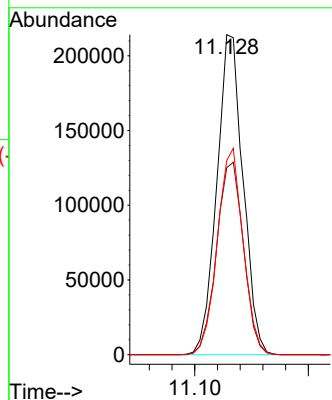
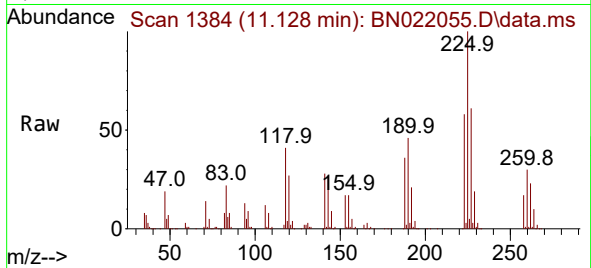




#33
Hexachlorobutadiene
Concen: 79.296 ng/ul
RT: 11.128 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

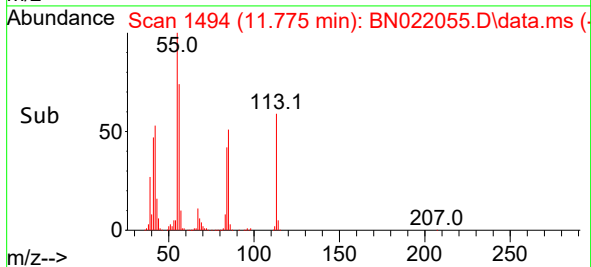
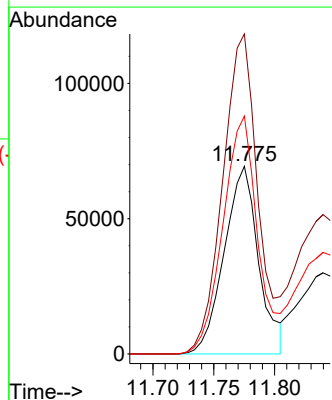
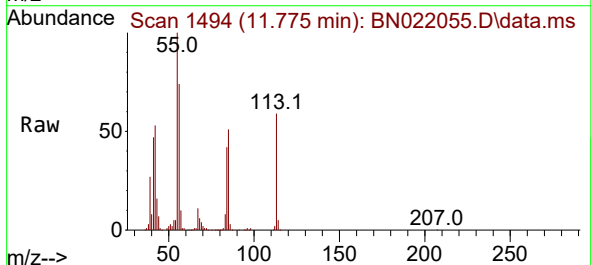
Instrument :
BNA_N
ClientSampleId :
SSTD080242

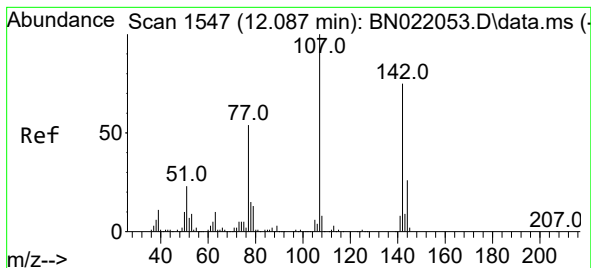
Tgt Ion:225 Resp: 343996
Ion Ratio Lower Upper
225 100
223 58.5 53.0 79.6
227 60.7 46.9 70.3



#34
Caprolactam
Concen: 47.383 ng/ul
RT: 11.775 min Scan# 1494
Delta R.T. 0.030 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:113 Resp: 136480
Ion Ratio Lower Upper
113 100
55 170.6 143.4 215.0
56 126.8 104.6 157.0

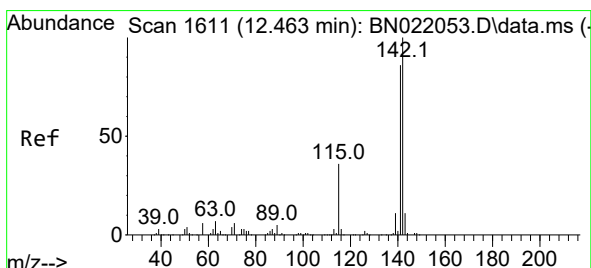
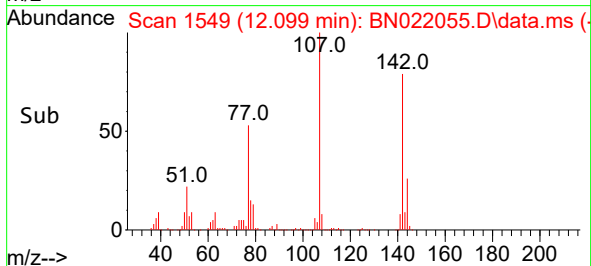
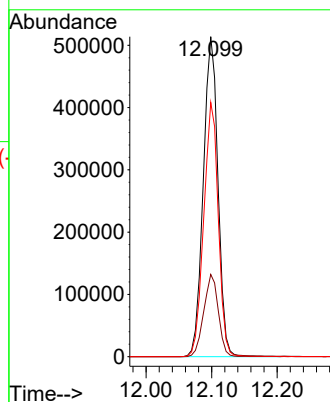
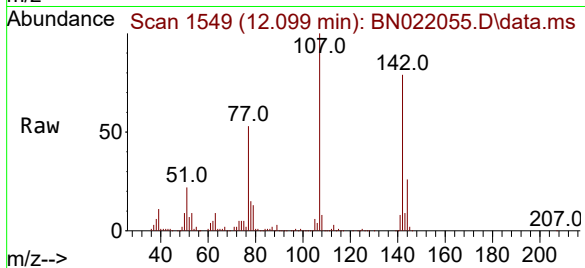




#35
 4-Chloro-3-methylphenol
 Concen: 94.591 ng/ul
 RT: 12.099 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

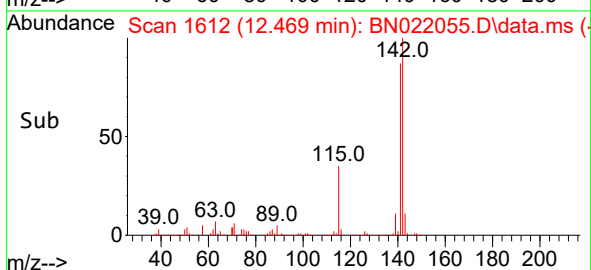
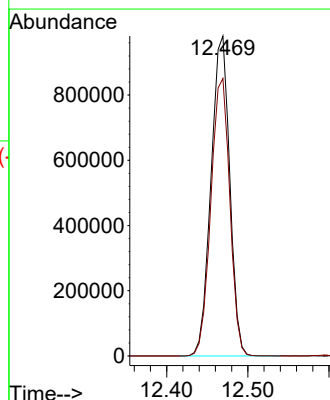
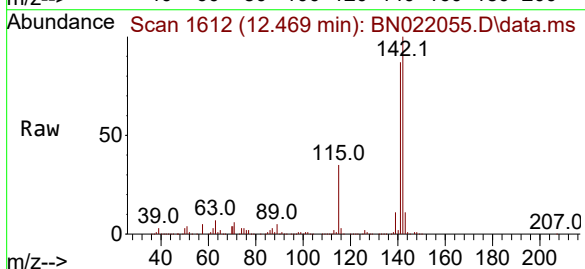
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 ClientSampleId :
 SST080242

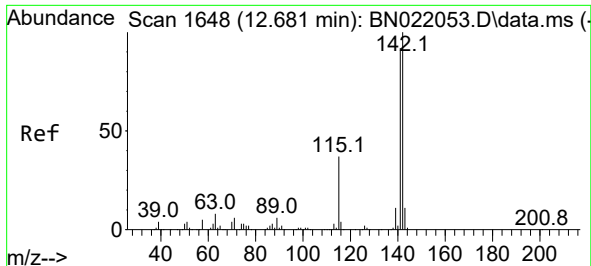
Tgt Ion:107 Resp: 802761
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 79.4 59.8 89.8



#36
 2-Methylnaphthalene
 Concen: 83.509 ng/ul
 RT: 12.469 min Scan# 1612
 Delta R.T. 0.006 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

Tgt Ion:142 Resp: 1568607
 Ion Ratio Lower Upper
 142 100
 141 86.7 68.7 103.1





#37

1-Methylnaphthalene

Concen: 82.950 ng/ul

RT: 12.687 min Scan# 1648

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

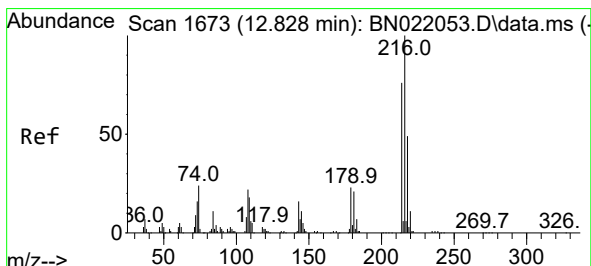
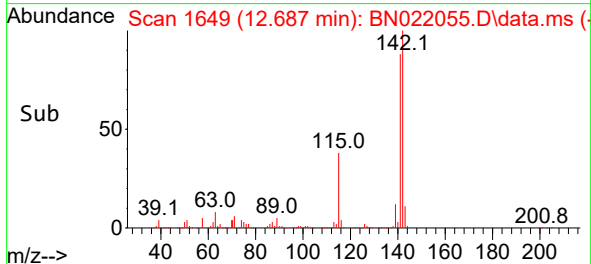
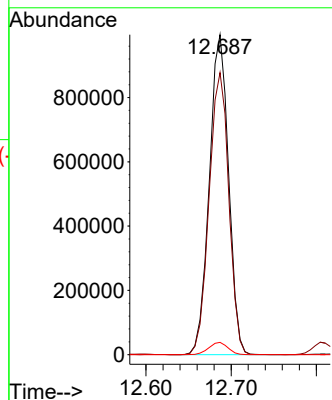
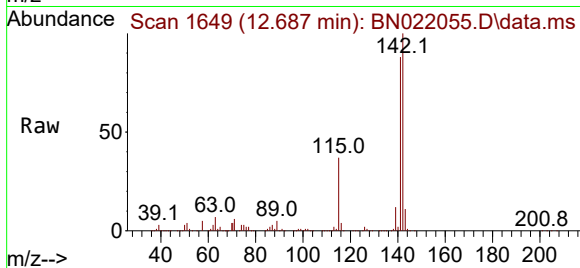
Tgt Ion:142 Resp: 1565892

Ion Ratio Lower Upper

142 100

141 88.1 73.3 109.9

116 3.9 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 80.455 ng/ul

RT: 12.834 min Scan# 1674

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Tgt Ion:216 Resp: 700624

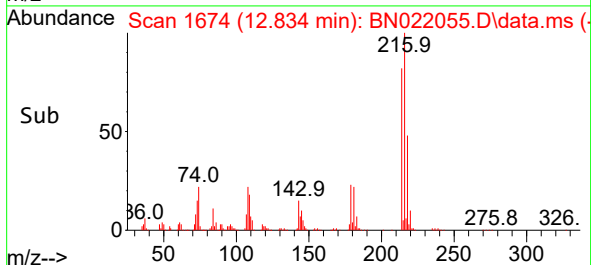
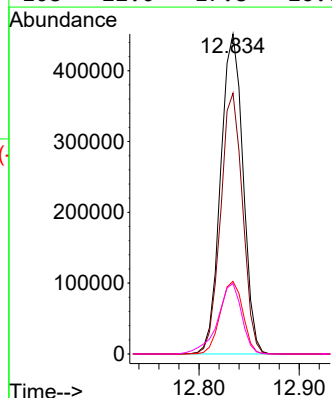
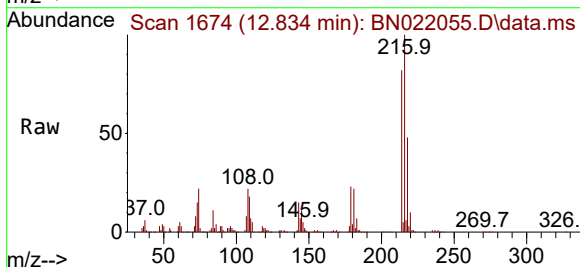
Ion Ratio Lower Upper

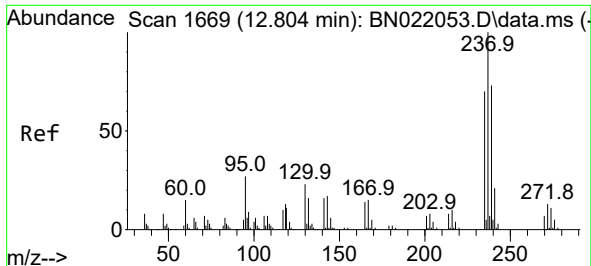
216 100

214 81.5 60.4 90.6

179 22.7 18.4 27.6

108 22.0 17.8 26.6

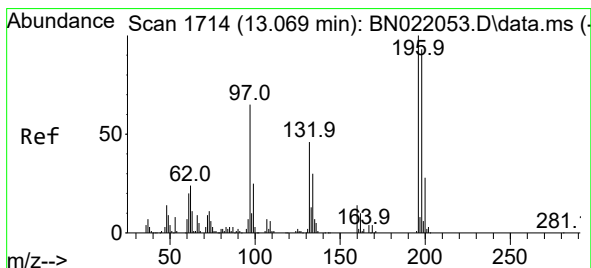
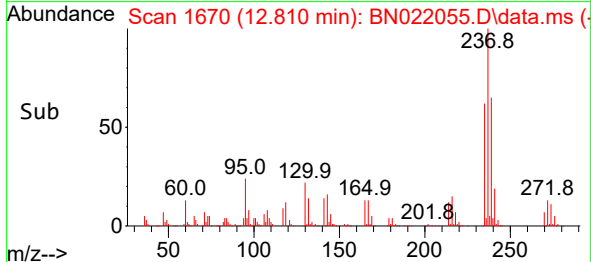
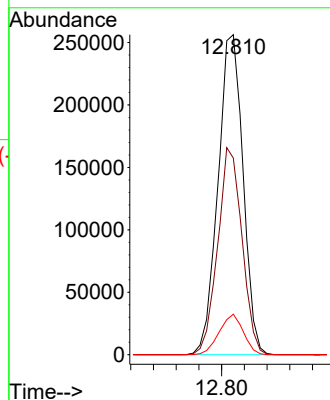
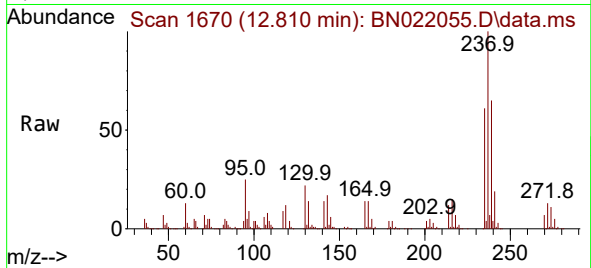




#40
Hexachlorocyclopentadiene
Concen: 75.595 ng/ul
RT: 12.810 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

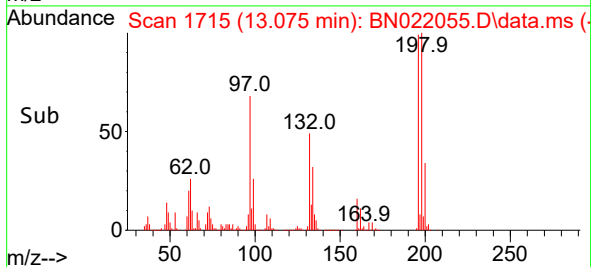
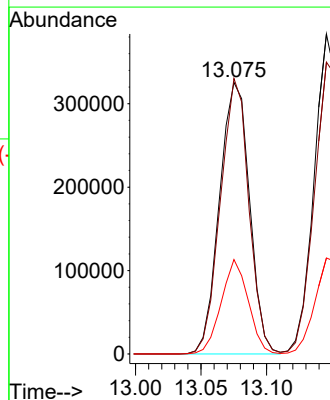
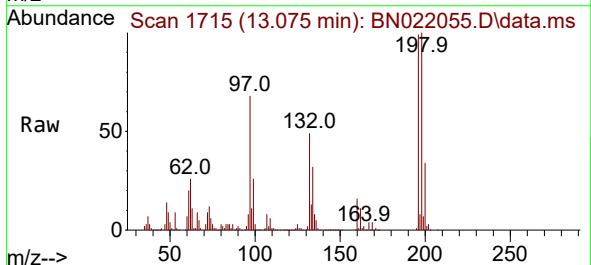
Instrument :
BNA_N
ClientSampleId :
SSTD080242

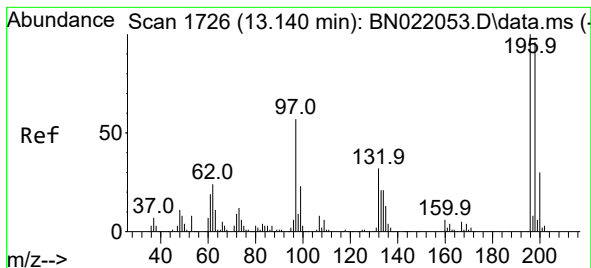
Tgt Ion:237 Resp: 391928
Ion Ratio Lower Upper
237 100
235 61.5 56.0 84.0
272 12.7 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 95.893 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:196 Resp: 518145
Ion Ratio Lower Upper
196 100
198 101.4 74.3 111.5
200 34.8 22.3 33.5#





#42

2,4,5-Trichlorophenol

Concen: 96.049 ng/ul

RT: 13.146 min Scan# 1726

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

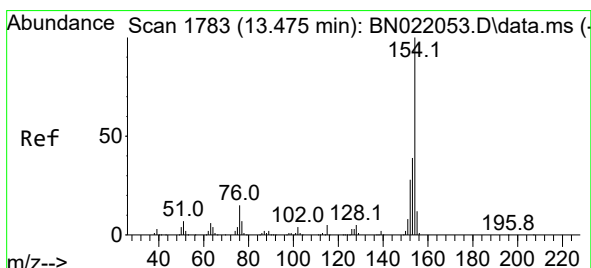
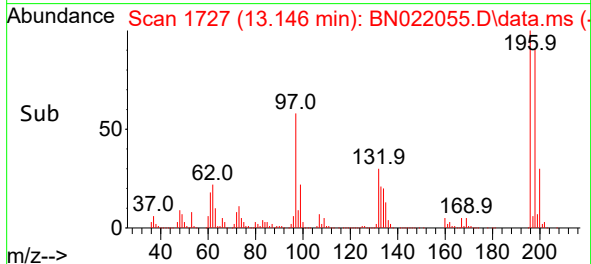
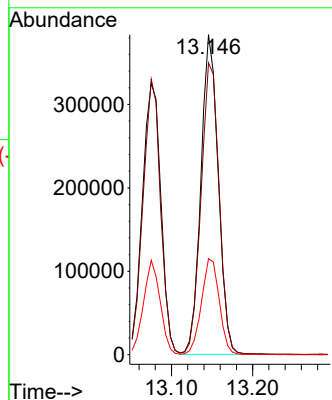
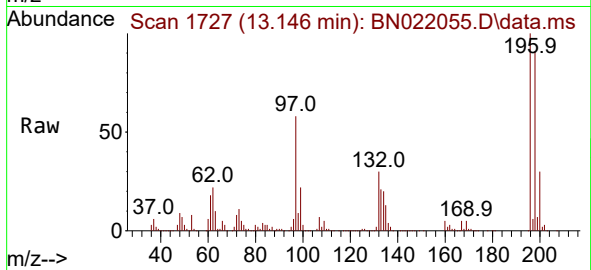
Tgt Ion:196 Resp: 569437

Ion Ratio Lower Upper

196 100

198 91.2 76.8 115.2

200 30.0 23.9 35.9



#43

1,1'-Biphenyl

Concen: 80.206 ng/ul

RT: 13.475 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

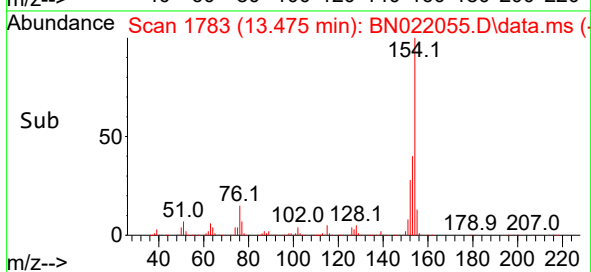
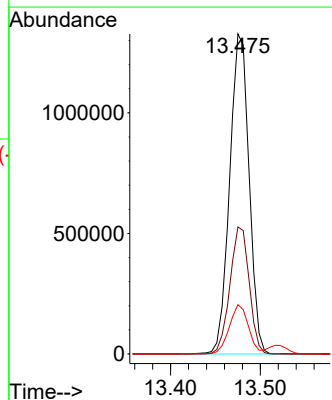
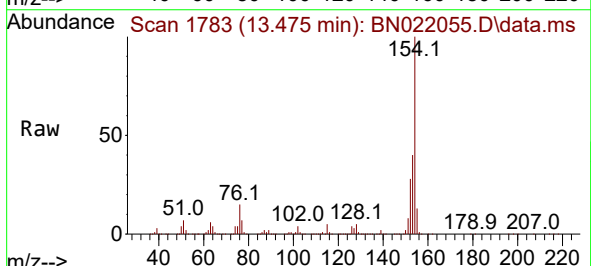
Tgt Ion:154 Resp: 1990553

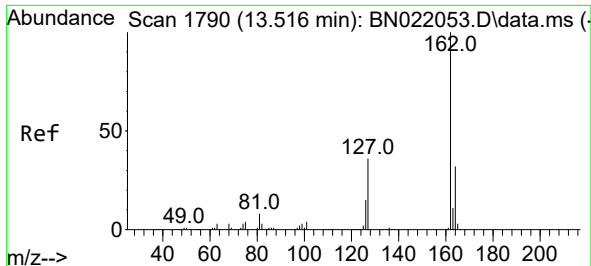
Ion Ratio Lower Upper

154 100

153 39.7 31.0 46.6

76 15.4 11.6 17.4

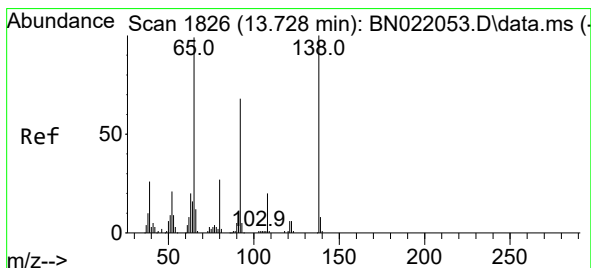
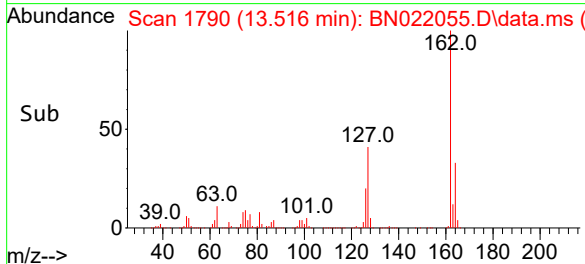
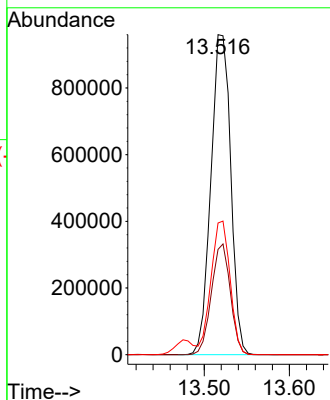
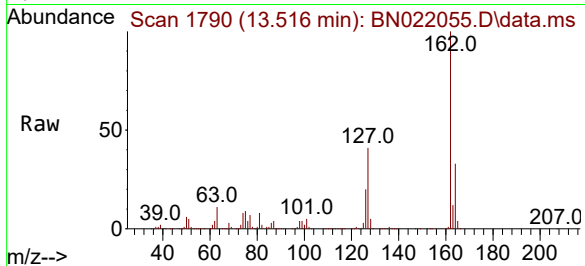




#44
2-Chloronaphthalene
Concen: 81.719 ng/ul
RT: 13.516 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

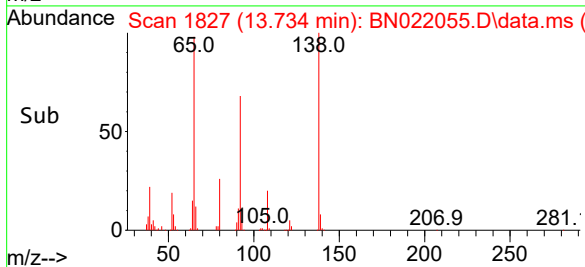
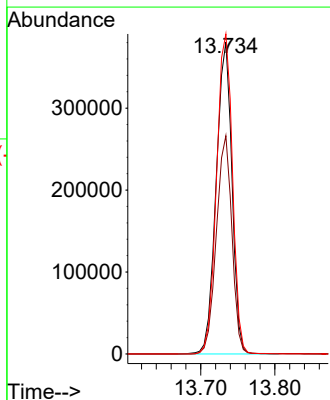
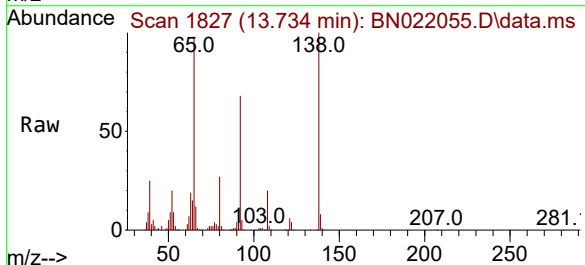
Instrument :
BNA_N
ClientSampleId :
SSTD080242

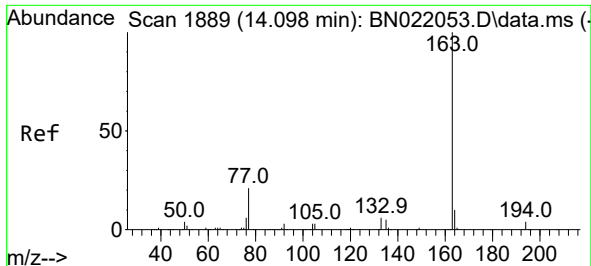
Tgt Ion:162 Resp: 1552678
Ion Ratio Lower Upper
162 100
164 32.9 25.9 38.9
127 41.1 32.2 48.4



#45
2-Nitroaniline
Concen: 117.876 ng/ul
RT: 13.734 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion: 65 Resp: 561735
Ion Ratio Lower Upper
65 100
92 69.9 54.6 82.0
138 102.5 80.4 120.6

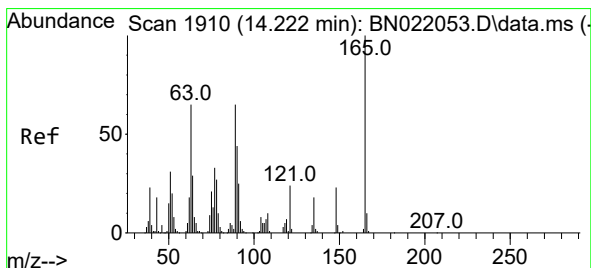
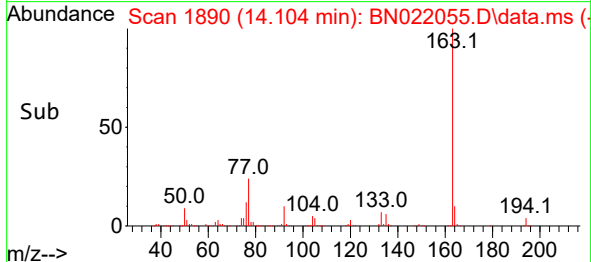
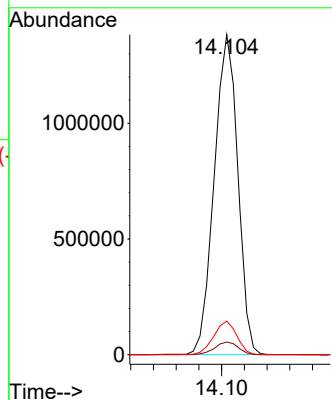
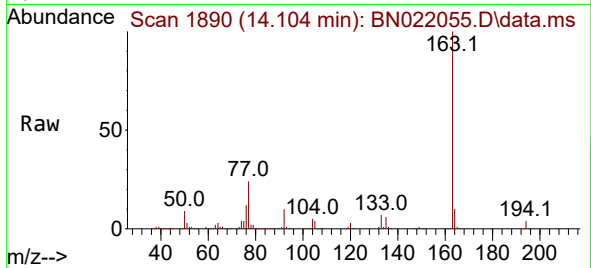




#47
Dimethylphthalate
Concen: 83.970 ng/ul
RT: 14.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

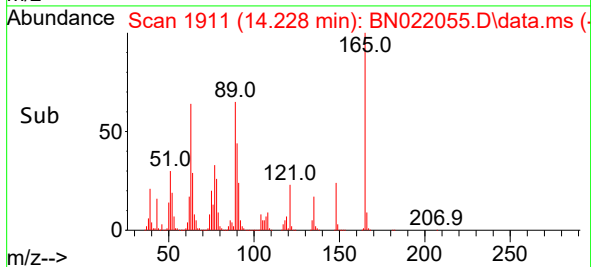
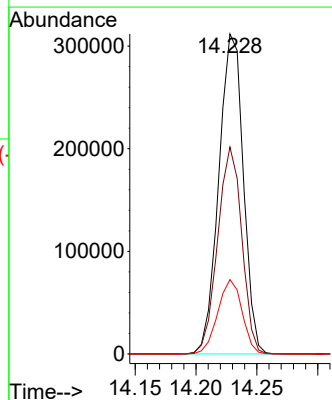
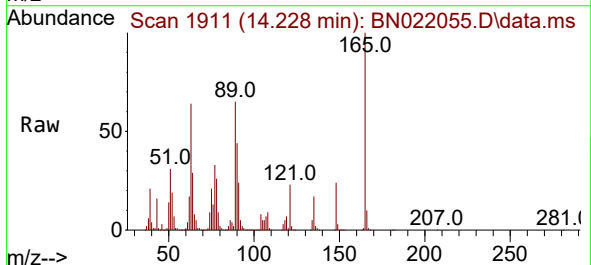
Instrument :
BNA_N
ClientSampleId :
SSTD080242

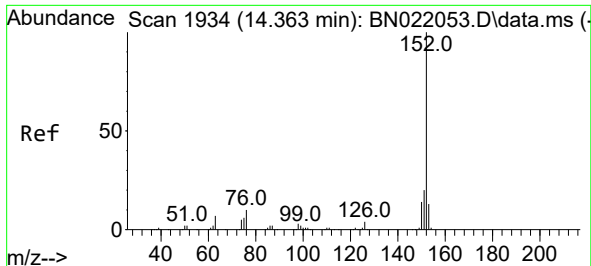
Tgt Ion:163 Resp: 1993716
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 107.323 ng/ul
RT: 14.228 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:165 Resp: 437166
Ion Ratio Lower Upper
165 100
89 64.7 52.2 78.4
121 23.2 19.5 29.3

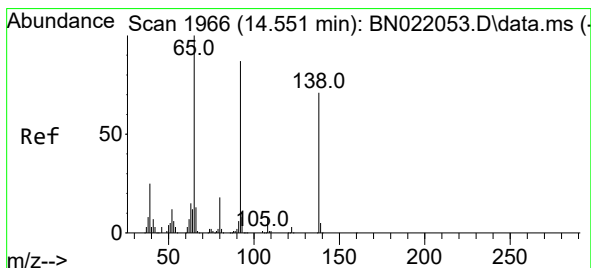
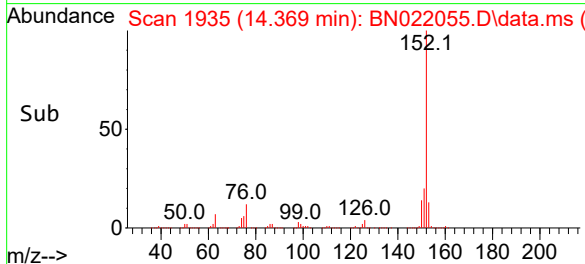
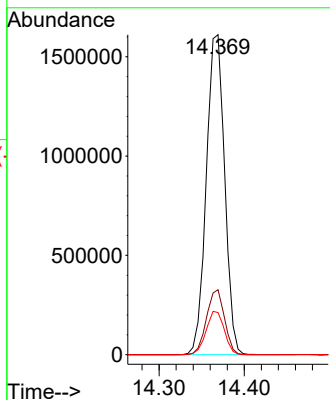
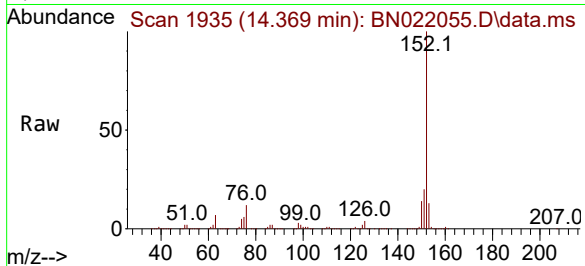




#50
Acenaphthylene
Concen: 77.310 ng/ul
RT: 14.369 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

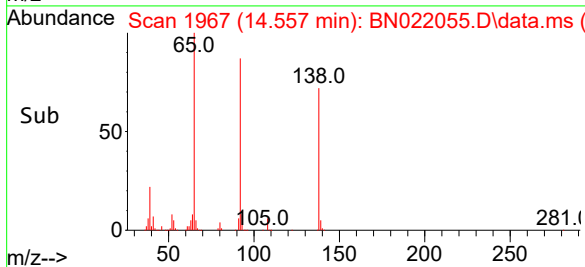
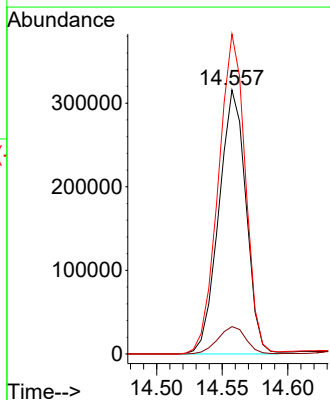
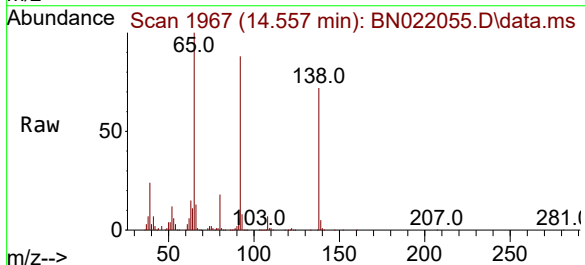
Instrument :
BNA_N
ClientSampleId :
SSTD080242

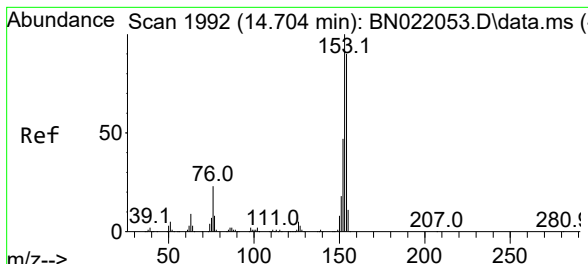
Tgt Ion:152 Resp: 2415100
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.1 10.0 15.0



#51
3-Nitroaniline
Concen: 100.172 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:138 Resp: 454565
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 121.2 97.7 146.5



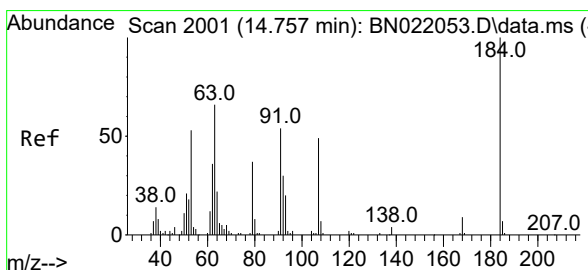
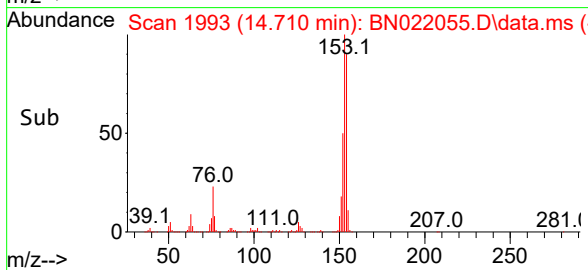
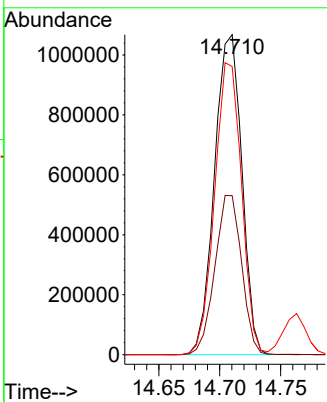
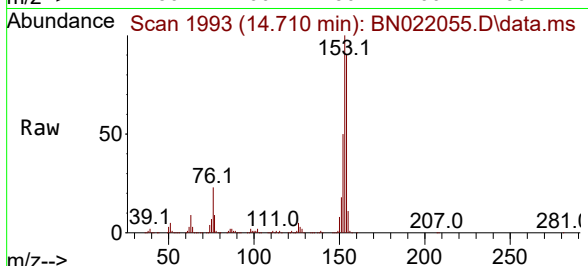


#52
 Acenaphthene
 Concen: 82.786 ng/ul
 RT: 14.710 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

Instrument :
 BNA_N
 ClientSampleId :
 SST080242

Tgt Ion:153 Resp: 1671063

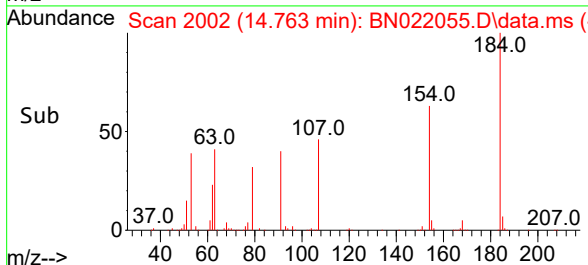
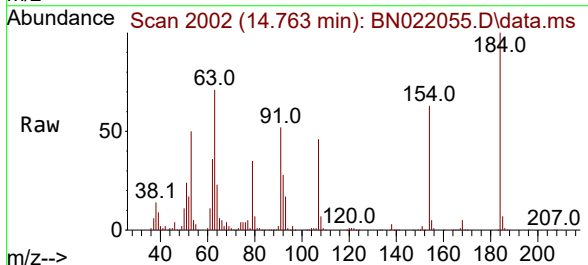
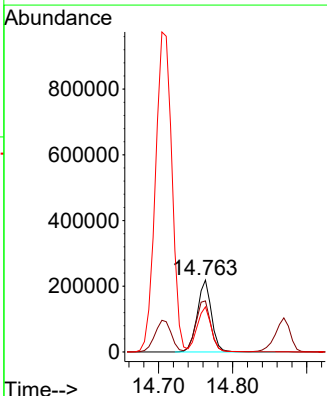
Ion	Ratio	Lower	Upper
153	100		
152	49.7	37.8	56.8
154	90.0	71.8	107.6

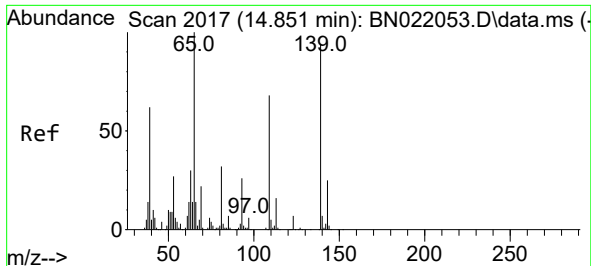


#53
 2,4-Dinitrophenol
 Concen: 145.291 ng/ul
 RT: 14.763 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

Tgt Ion:184 Resp: 289724

Ion	Ratio	Lower	Upper
184	100		
63	71.0	58.9	88.3
154	62.7	51.8	77.6

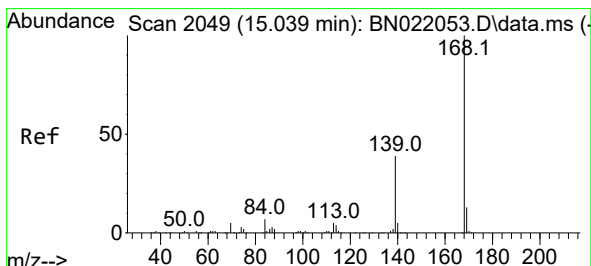
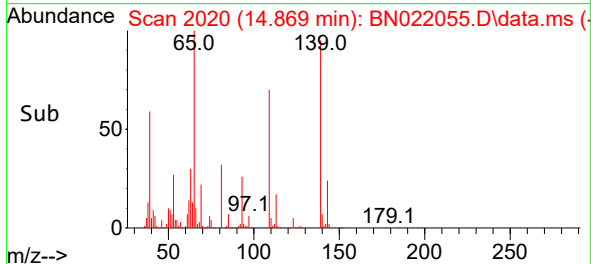
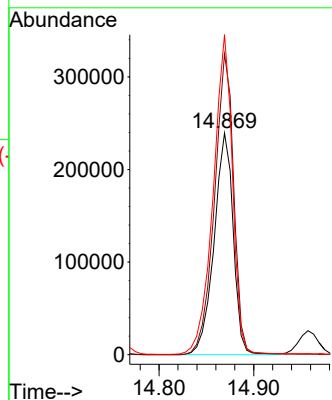
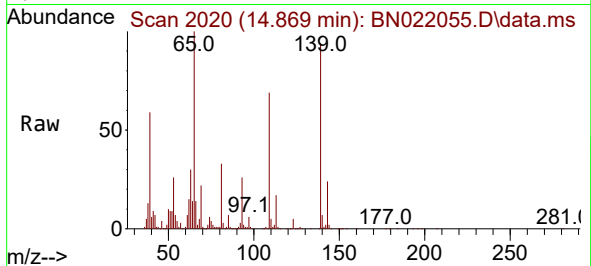




#55
4-Nitrophenol
Concen: 90.744 ng/ul
RT: 14.869 min Scan# 2017
Delta R.T. 0.018 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

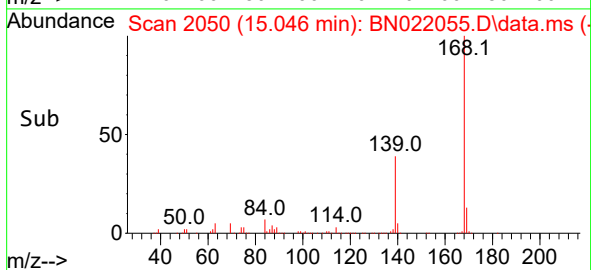
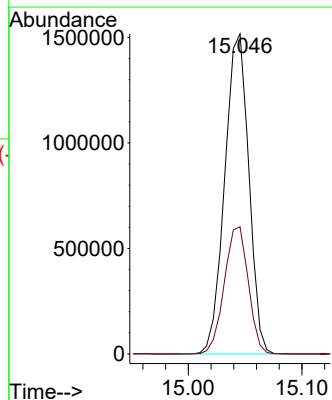
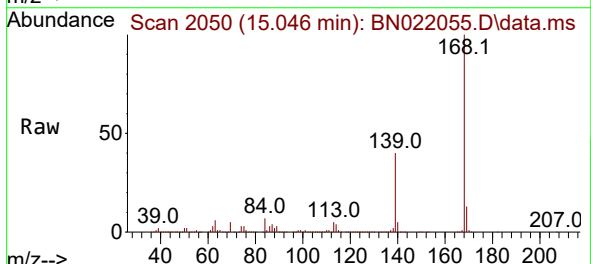
Instrument :
BNA_N
ClientSampleId :
SSTD080242

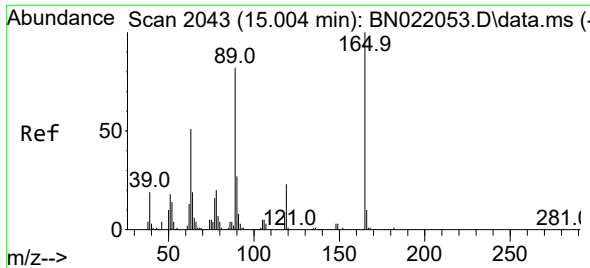
Tgt Ion:109 Resp: 335993
Ion Ratio Lower Upper
109 100
139 135.7 111.0 166.4
65 144.4 118.5 177.7



#56
Dibenzofuran
Concen: 76.996 ng/ul
RT: 15.046 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:168 Resp: 2232995
Ion Ratio Lower Upper
168 100
139 39.8 31.3 46.9

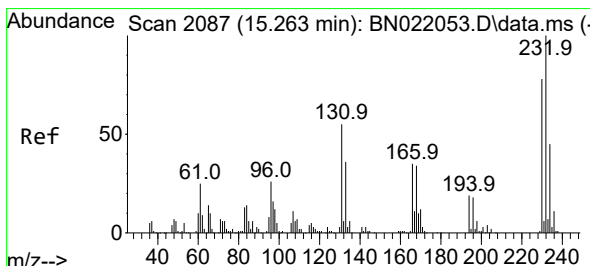
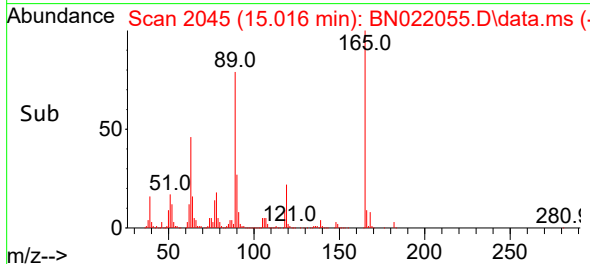
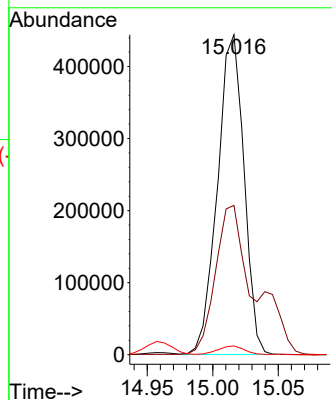
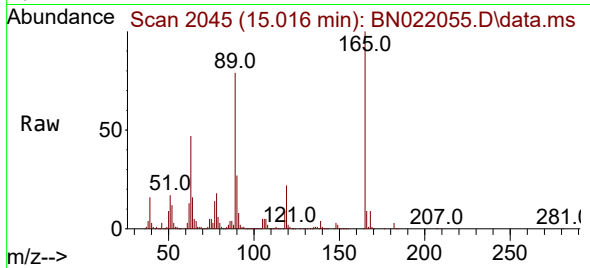




#57
2,4-Dinitrotoluene
Concen: 105.428 ng/ul
RT: 15.016 min Scan# 2045
Delta R.T. 0.012 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

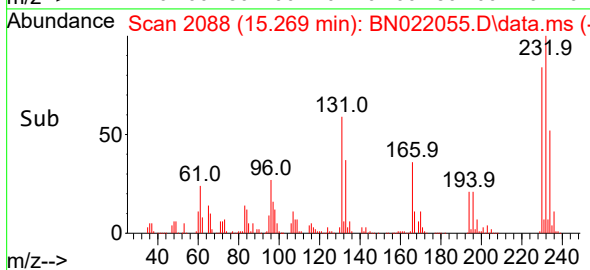
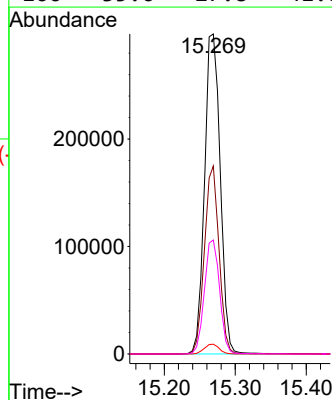
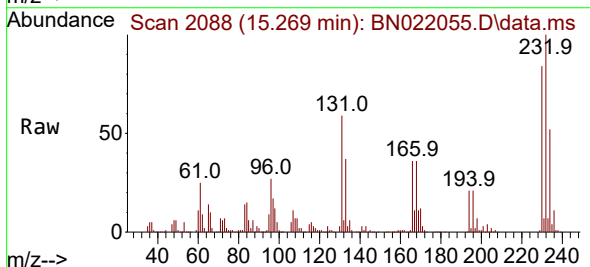
Instrument :
BNA_N
ClientSampleId :
SSTD080242

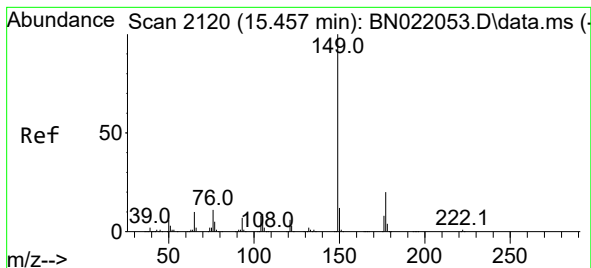
Tgt Ion:165 Resp: 623696
Ion Ratio Lower Upper
165 100
63 46.7 40.6 60.8
182 2.8 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 100.874 ng/ul
RT: 15.269 min Scan# 2088
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:232 Resp: 459031
Ion Ratio Lower Upper
232 100
131 58.8 44.0 66.0
130 3.0 2.3 3.5
166 35.6 27.8 41.8





#59

Diethylphthalate

Concen: 86.439 ng/ul

RT: 15.469 min Scan# 2120

Delta R.T. 0.012 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

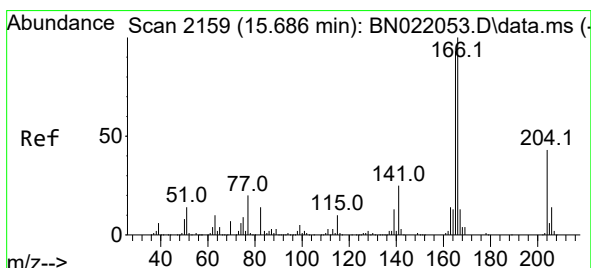
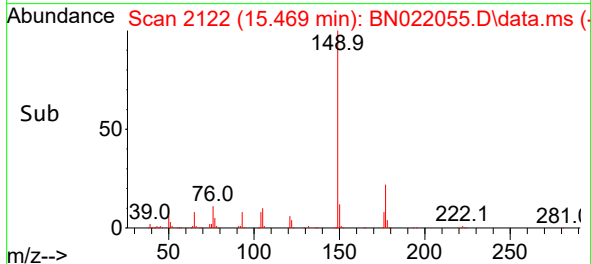
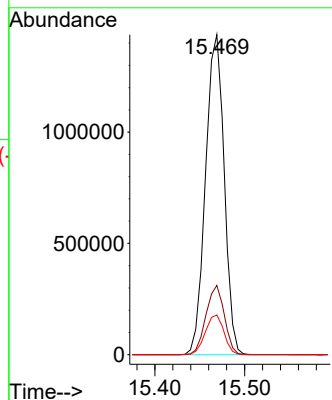
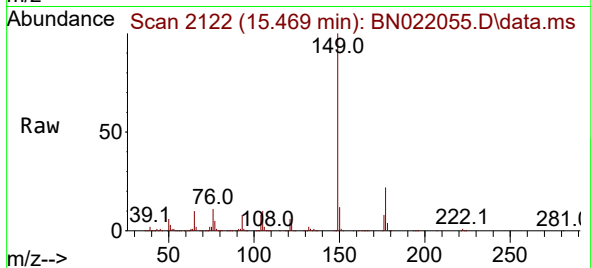
Tgt Ion:149 Resp: 2069683

Ion Ratio Lower Upper

149 100

177 21.6 15.9 23.9

150 12.4 9.8 14.8



#61

Fluorene

Concen: 75.282 ng/ul

RT: 15.693 min Scan# 2160

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

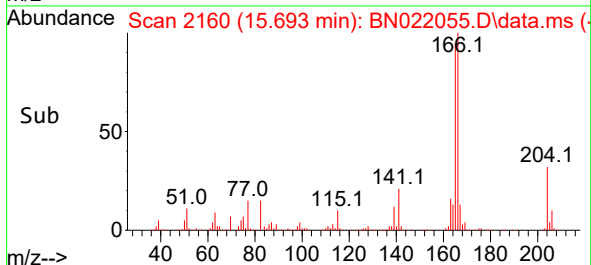
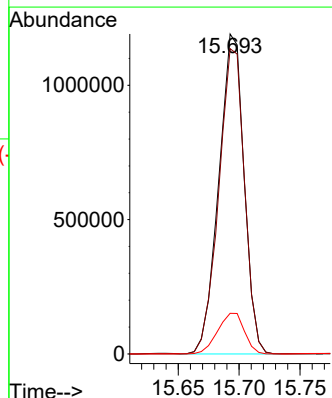
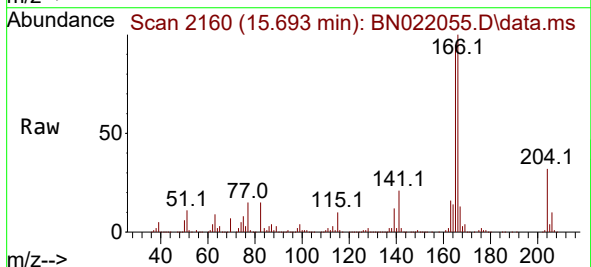
Tgt Ion:166 Resp: 1721905

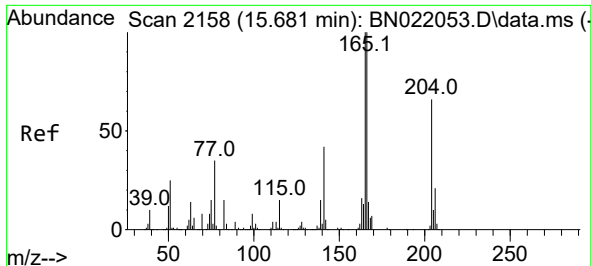
Ion Ratio Lower Upper

166 100

165 95.4 74.1 111.1

167 12.7 10.5 15.7

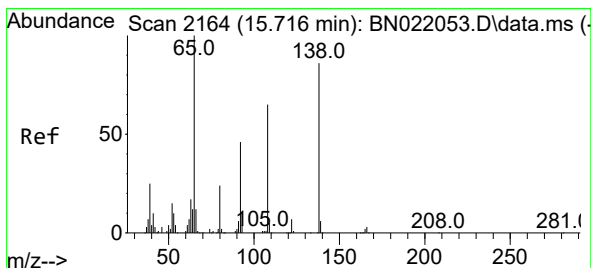
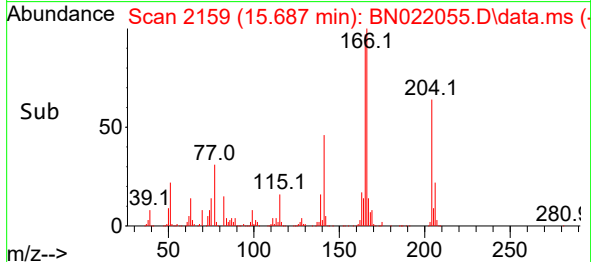
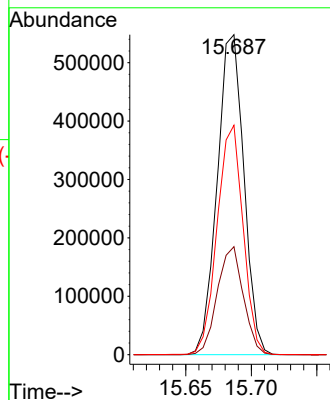
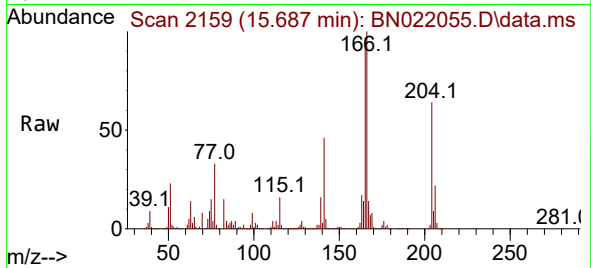




#62
4-Chlorophenyl-phenylether
Concen: 73.598 ng/ul
RT: 15.687 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

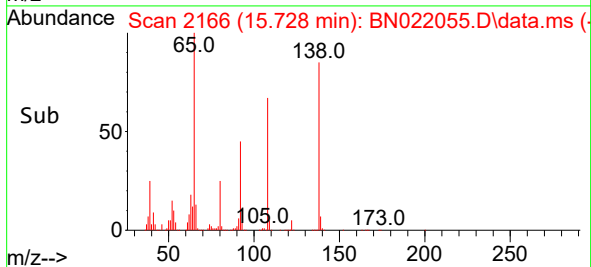
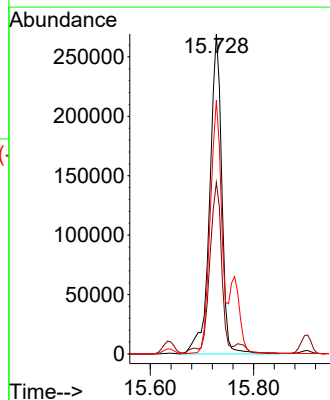
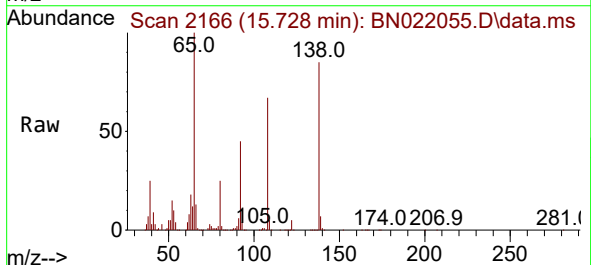
Instrument :
BNA_N
ClientSampleId :
SSTD080242

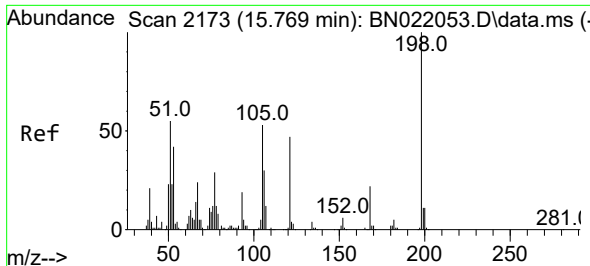
Tgt Ion:204 Resp: 776017
Ion Ratio Lower Upper
204 100
206 33.8 26.1 39.1
141 71.7 50.9 76.3



#63
4-Nitroaniline
Concen: 96.127 ng/ul
RT: 15.728 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:138 Resp: 437760
Ion Ratio Lower Upper
138 100
92 53.6 42.8 64.2
108 79.2 60.1 90.1

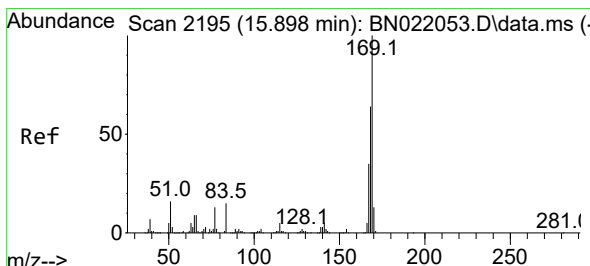
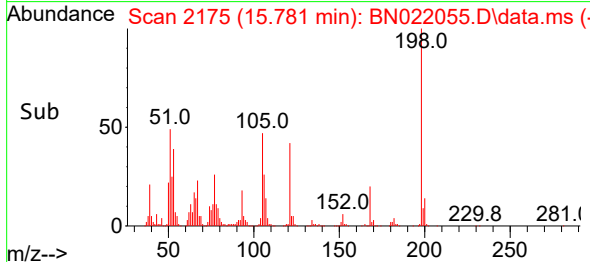
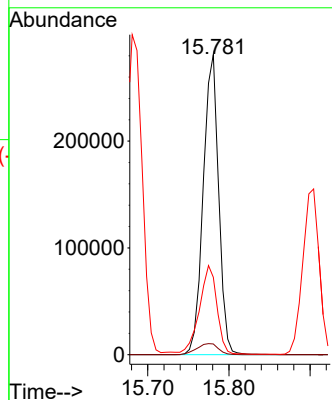
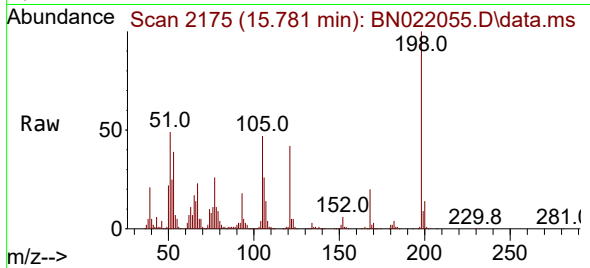




#66
4,6-Dinitro-2-methylphenol
Concen: 119.926 ng/ul
RT: 15.781 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

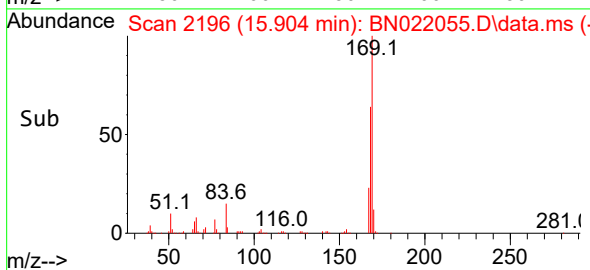
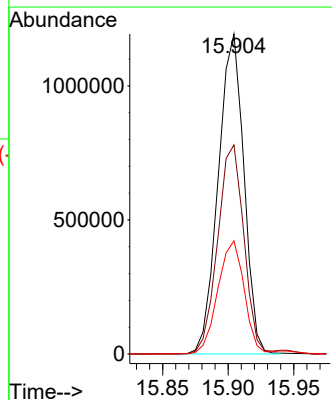
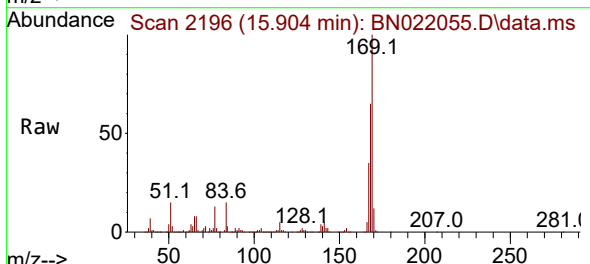
Instrument :
BNA_N
ClientSampleId :
SSTD080242

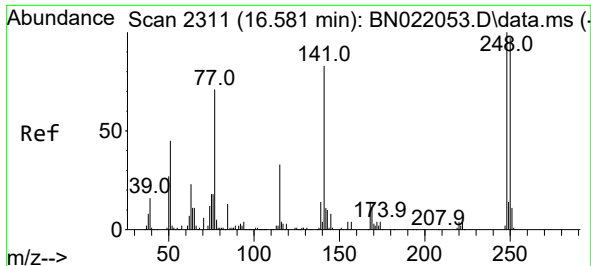
Tgt Ion:198 Resp: 371163
Ion Ratio Lower Upper
198 100
182 3.6 3.9 5.9#
77 25.8 24.5 36.7



#67
N-Nitrosodiphenylamine
Concen: 79.267 ng/ul
RT: 15.904 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:169 Resp: 1622633
Ion Ratio Lower Upper
169 100
168 65.3 51.4 77.0
167 35.3 27.8 41.8

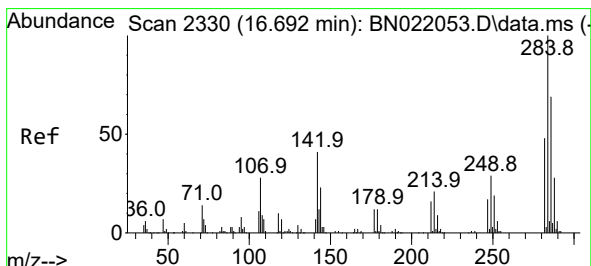
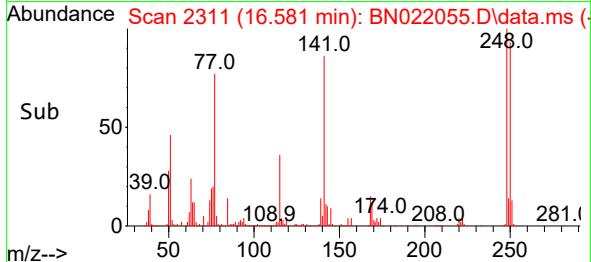
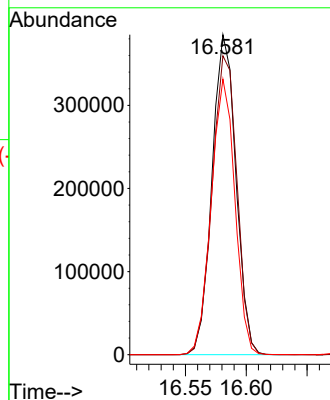
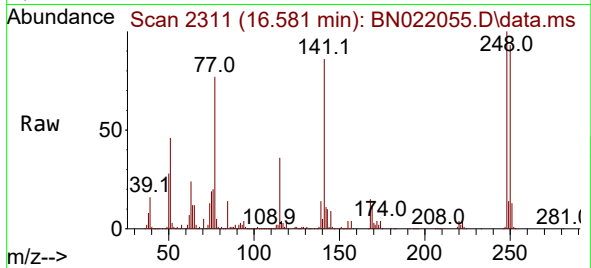




#68
4-Bromophenyl-phenylether
Concen: 81.059 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. 0.000 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

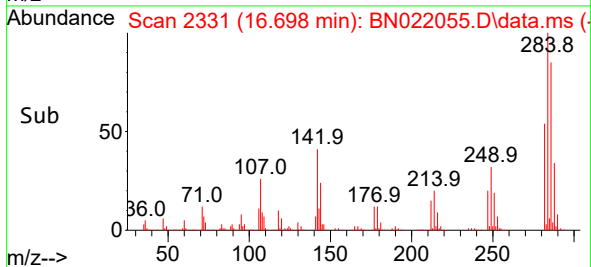
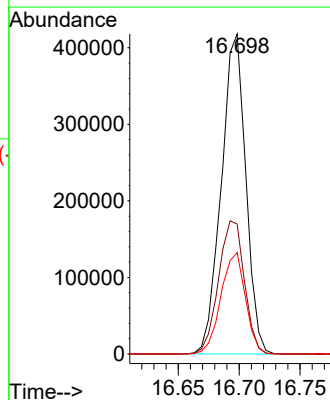
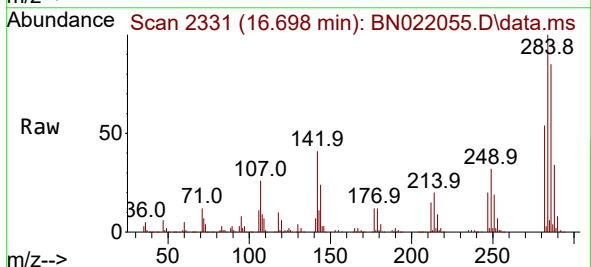
Instrument :
BNA_N
ClientSampleId :
SSTD080242

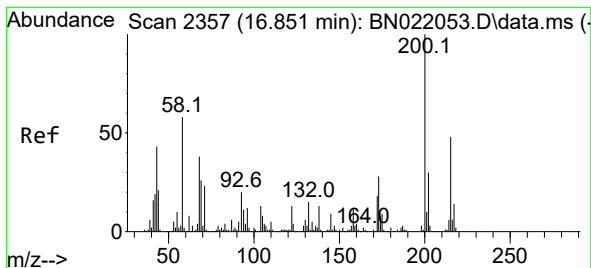
Tgt Ion:248 Resp: 526538
Ion Ratio Lower Upper
248 100
250 93.4 77.6 116.4
141 86.1 66.6 99.8



#69
Hexachlorobenzene
Concen: 75.737 ng/ul
RT: 16.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:284 Resp: 585627
Ion Ratio Lower Upper
284 100
142 40.6 32.6 48.8
249 31.7 23.4 35.2





#70

Atrazine

Concen: 80.340 ng/ul

RT: 16.863 min Scan# 2359

Delta R.T. 0.012 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

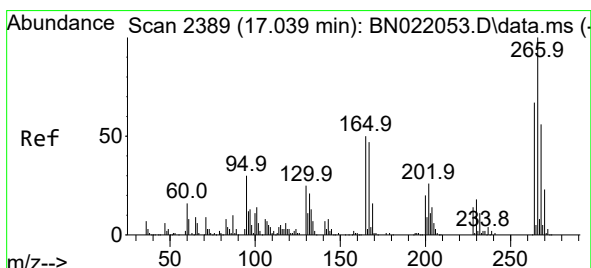
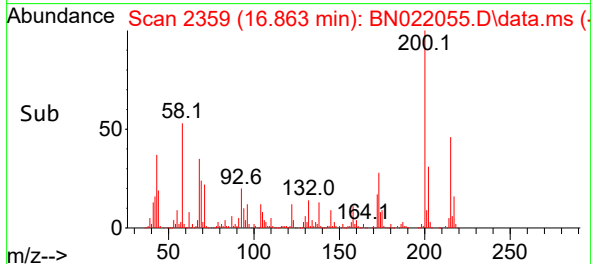
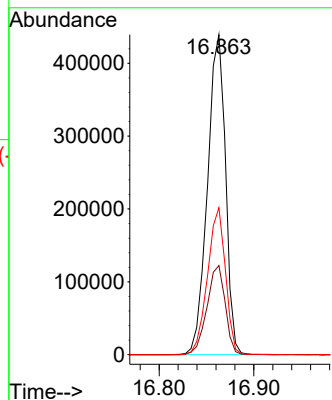
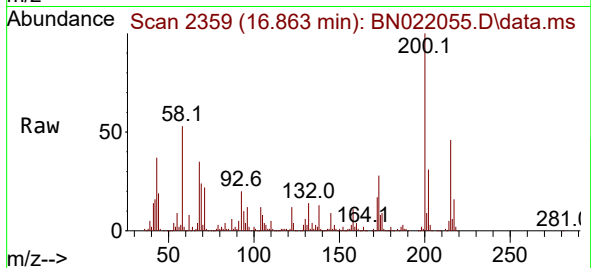
Tgt Ion:200 Resp: 581957

Ion Ratio Lower Upper

200 100

173 27.9 22.6 34.0

215 45.9 38.4 57.6



#71

Pentachlorophenol

Concen: 92.584 ng/ul

RT: 17.040 min Scan# 2389

Delta R.T. 0.000 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

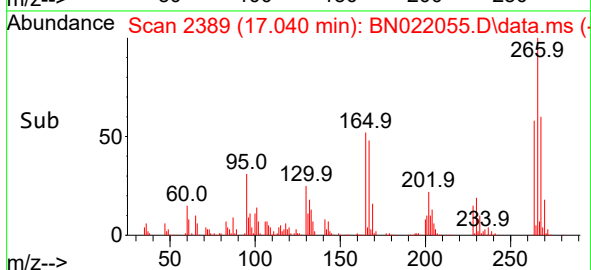
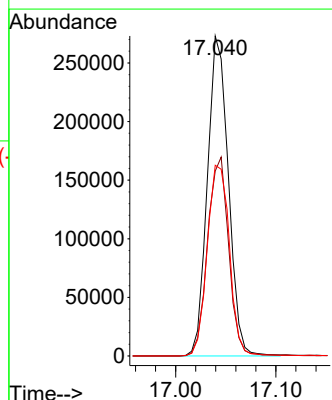
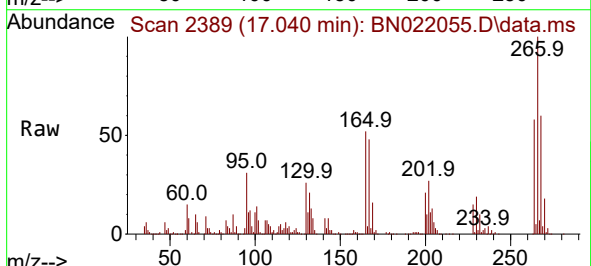
Tgt Ion:266 Resp: 398565

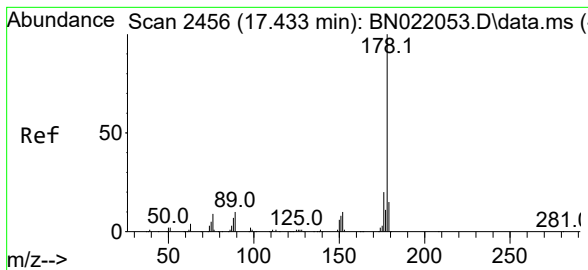
Ion Ratio Lower Upper

266 100

264 57.8 53.8 80.6

268 59.6 45.1 67.7

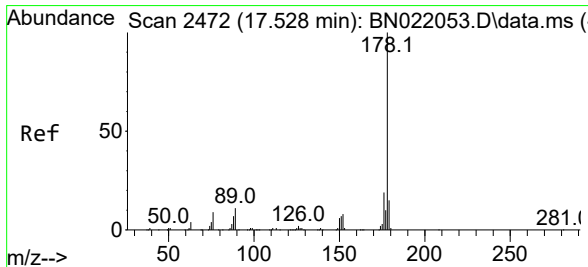
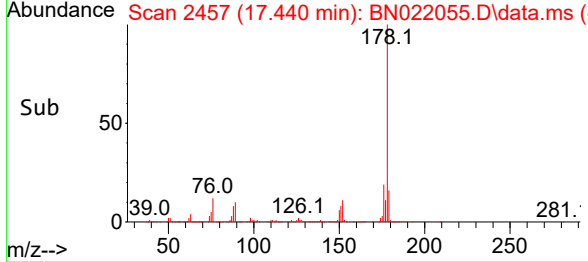
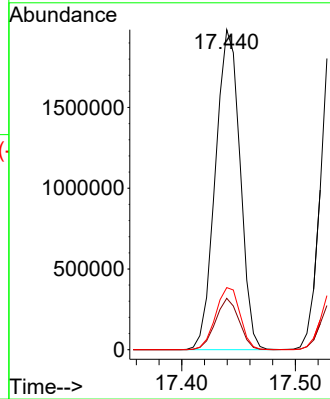
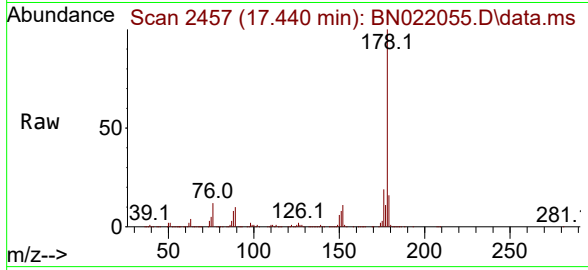




#72
Phenanthrene
Concen: 77.380 ng/ul
RT: 17.440 min Scan# 2456
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

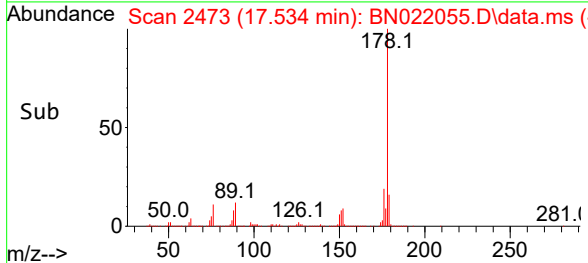
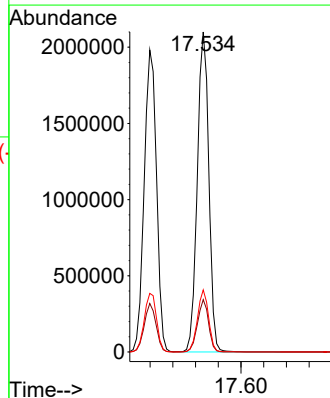
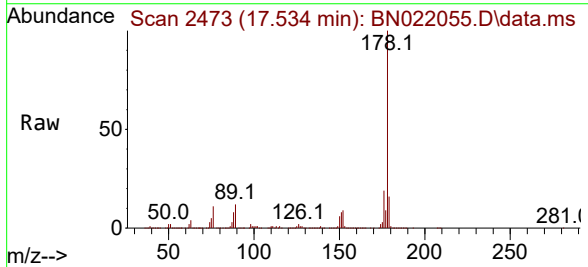
Instrument :
BNA_N
ClientSampleId :
SSTD080242

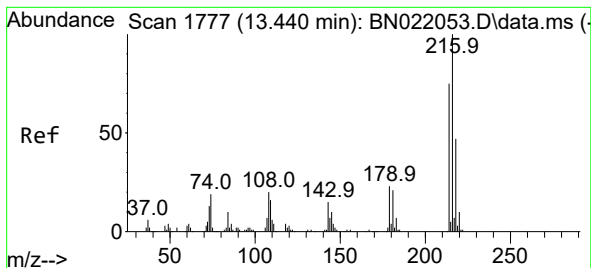
Tgt Ion:178 Resp: 2985240
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.4 15.9 23.9



#74
Anthracene
Concen: 77.387 ng/ul
RT: 17.534 min Scan# 2473
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:178 Resp: 2972786
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.2
176 19.4 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 77.292 ng/uL

RT: 13.440 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

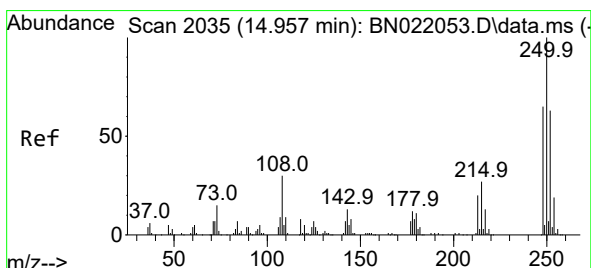
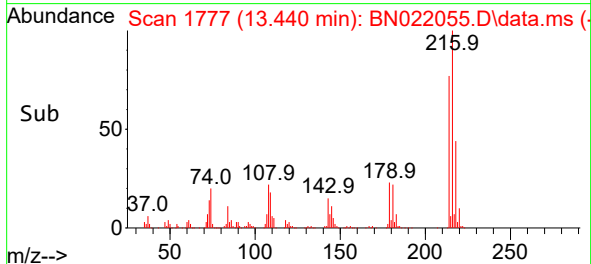
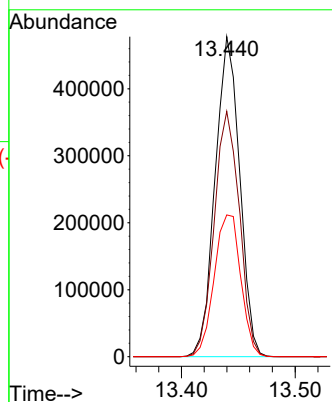
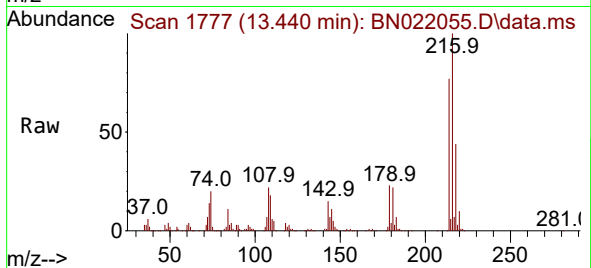
Tgt Ion:216 Resp: 718510

Ion Ratio Lower Upper

216 100

214 76.6 60.3 90.5

218 44.3 37.2 55.8



#76

Pentachlorobenzene

Concen: 82.149 ng/uL

RT: 14.957 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

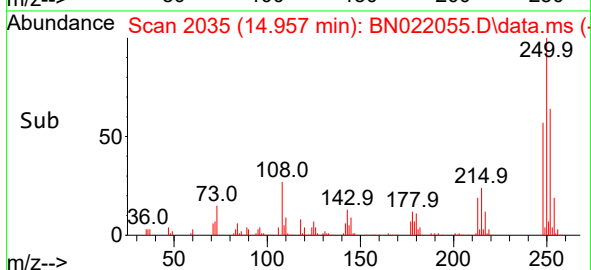
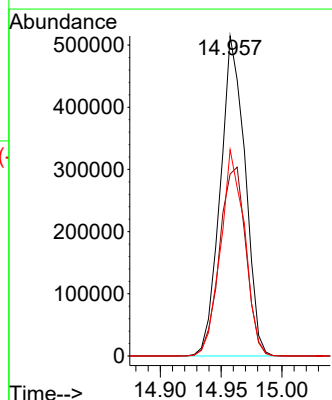
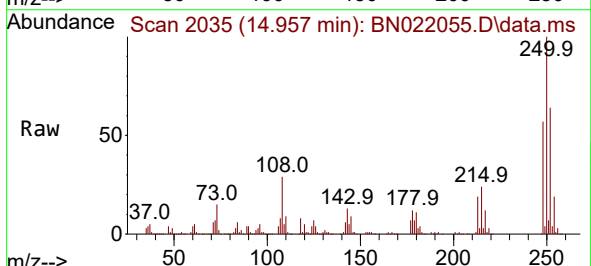
Tgt Ion:250 Resp: 727463

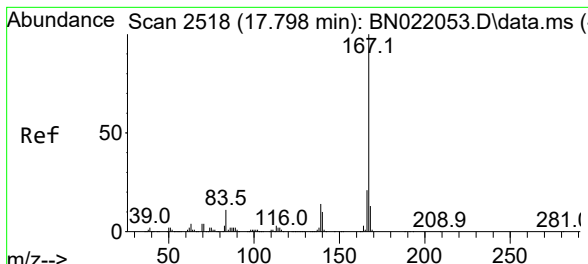
Ion Ratio Lower Upper

250 100

248 56.9 52.3 78.5

252 64.4 50.0 75.0



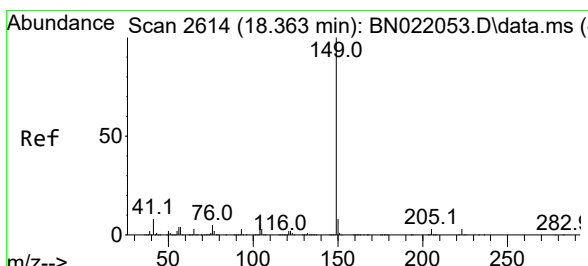
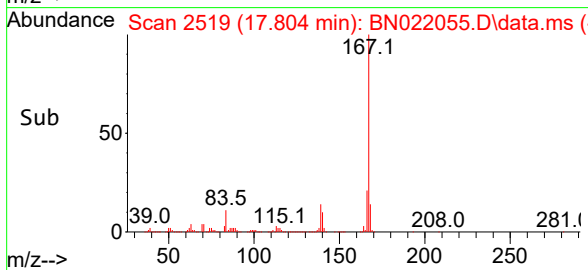
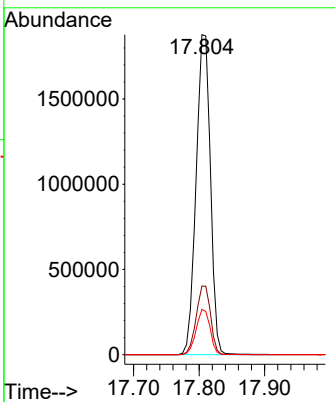
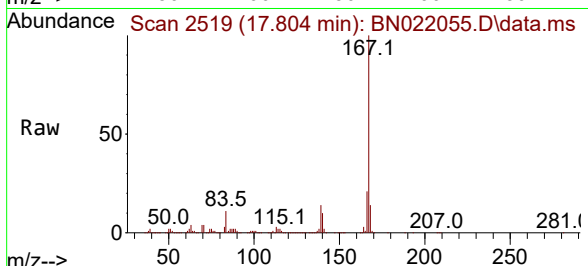


#77
 Carbazole
 Concen: 78.733 ng/ul
 RT: 17.804 min Scan# 2519
 Delta R.T. 0.006 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080242

Tgt Ion:167 Resp: 2858196

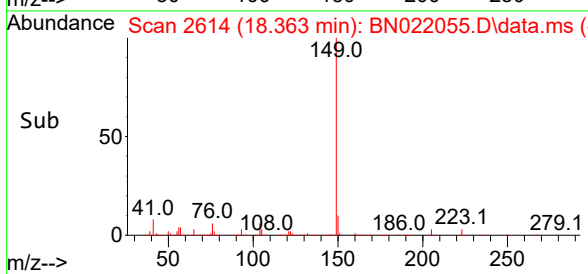
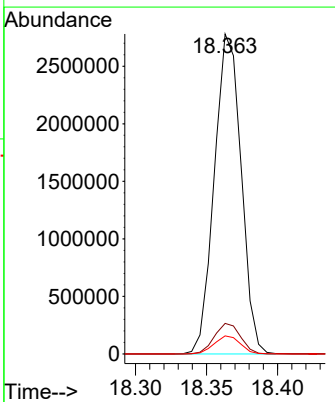
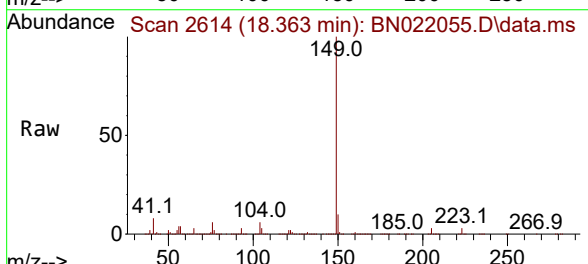
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	14.1	11.0	16.4

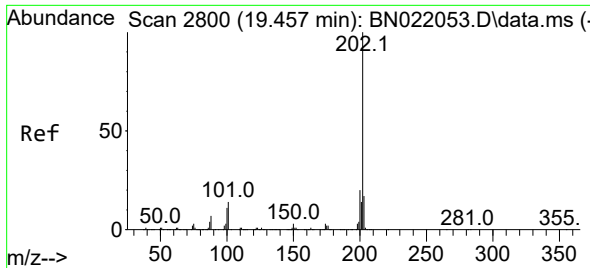


#78
 Di-n-butylphthalate
 Concen: 89.123 ng/ul
 RT: 18.363 min Scan# 2614
 Delta R.T. 0.000 min
 Lab File: BN022055.D
 Acq: 11 Oct 2022 16:56

Tgt Ion:149 Resp: 3647655

Ion	Ratio	Lower	Upper
149	100		
150	9.5	6.7	10.1
104	5.7	4.3	6.5

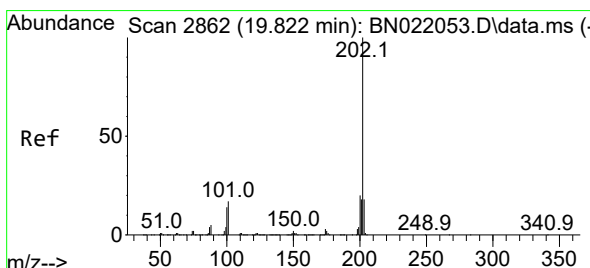
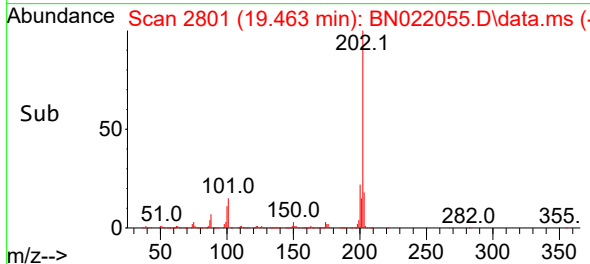
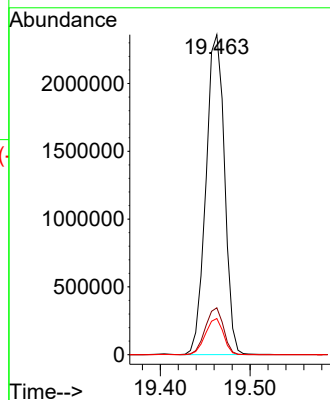
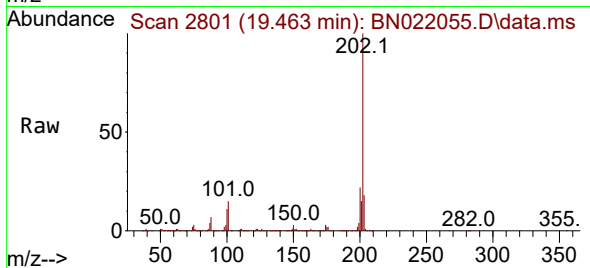




#80
Fluoranthene
Concen: 87.960 ng/ul
RT: 19.463 min Scan# 2801
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

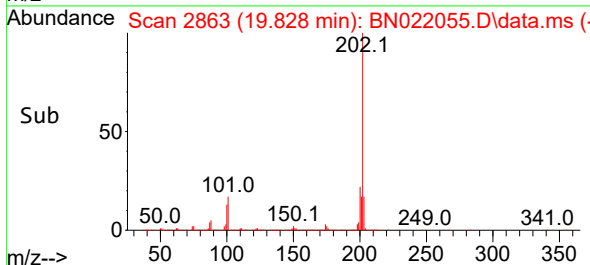
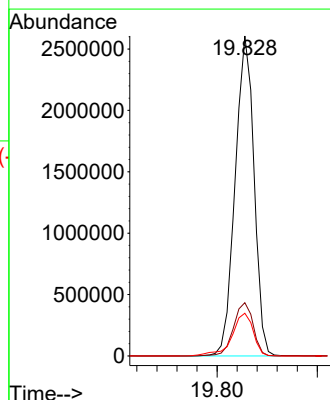
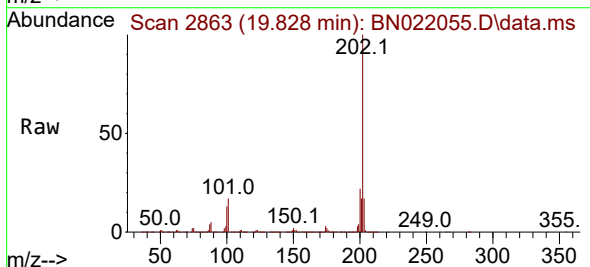
Instrument :
BNA_N
ClientSampleId :
SSTD080242

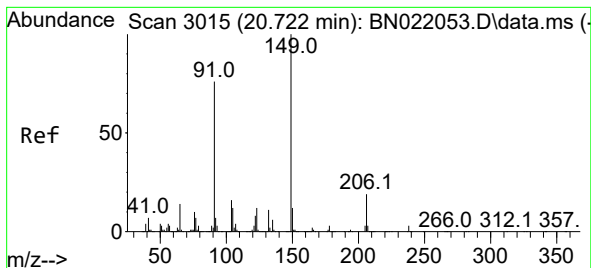
Tgt Ion:202 Resp: 3389540
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 11.3 8.6 13.0



#82
Pyrene
Concen: 85.016 ng/ul
RT: 19.828 min Scan# 2863
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:202 Resp: 3414511
Ion Ratio Lower Upper
202 100
101 16.7 13.8 20.6
100 13.3 11.2 16.8





#83

Butylbenzylphthalate

Concen: 116.913 ng/ul

RT: 20.722 min Scan# 3015

Delta R.T. 0.000 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

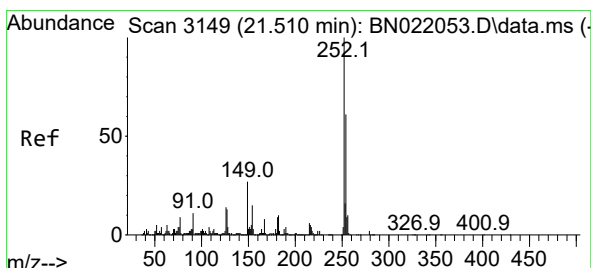
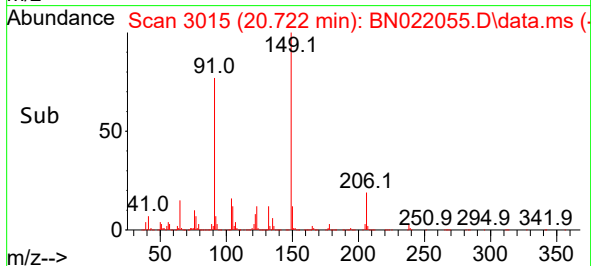
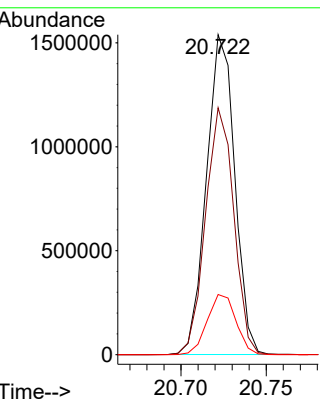
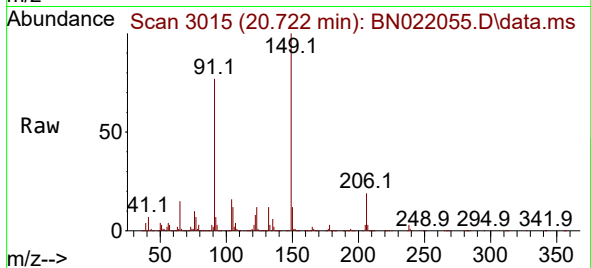
Tgt Ion:149 Resp: 1777257

Ion Ratio Lower Upper

149 100

91 77.1 60.9 91.3

206 18.8 14.9 22.3



#84

3,3'-Dichlorobenzidine

Concen: 93.836 ng/ul

RT: 21.516 min Scan# 3150

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

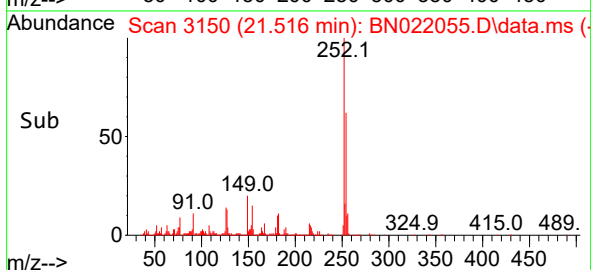
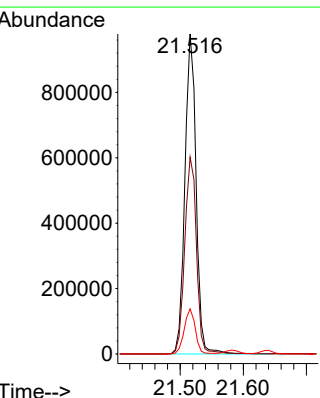
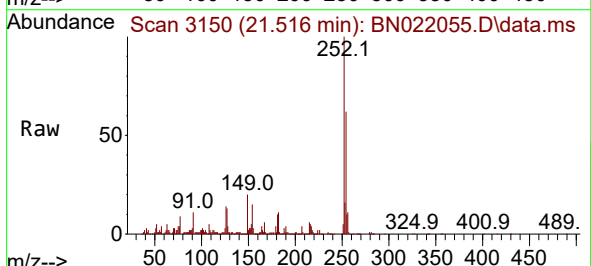
Tgt Ion:252 Resp: 1201926

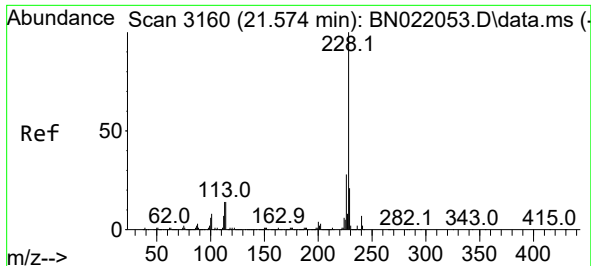
Ion Ratio Lower Upper

252 100

254 61.5 48.6 72.8

126 14.1 11.1 16.7

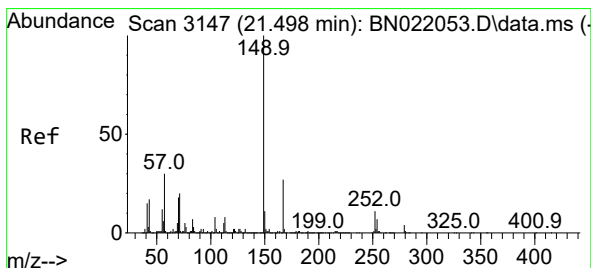
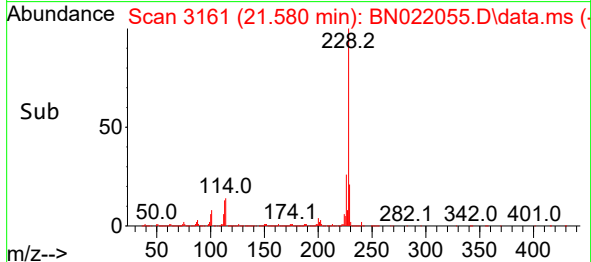
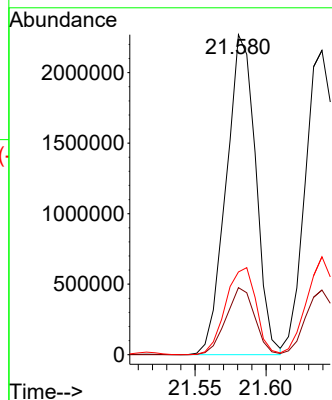
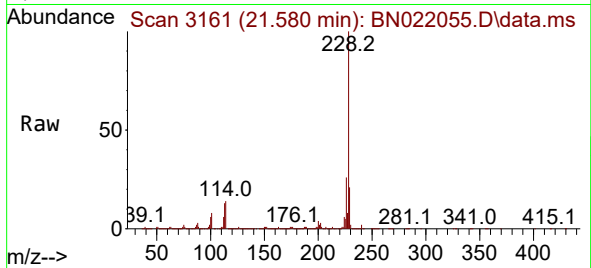




#85
Benzo(a)anthracene
Concen: 81.113 ng/ul
RT: 21.580 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

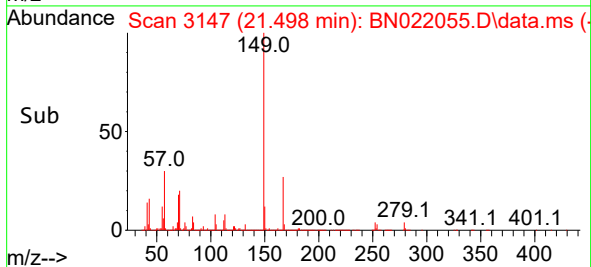
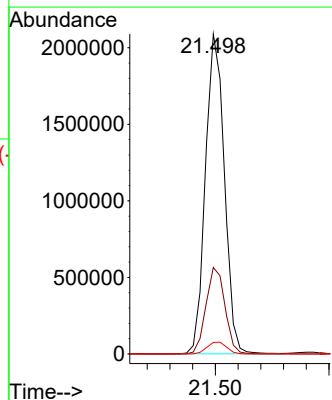
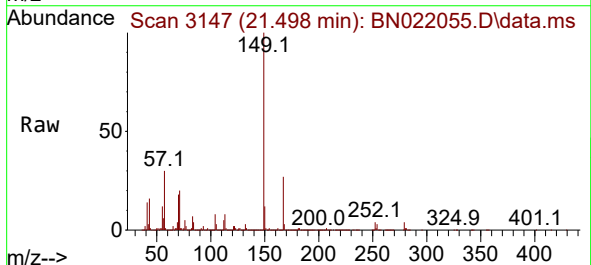
Instrument :
BNA_N
ClientSampleId :
SSTD080242

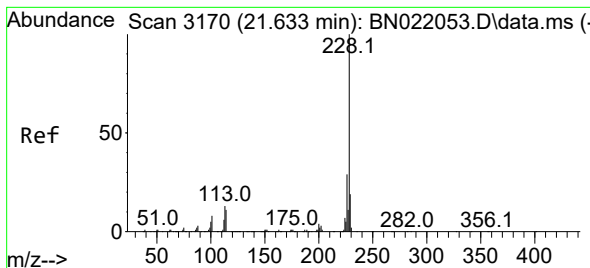
Tgt Ion:228 Resp: 3280883
Ion Ratio Lower Upper
228 100
229 21.0 16.7 25.1
226 25.9 22.4 33.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 103.911 ng/ul
RT: 21.498 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:149 Resp: 2418527
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.6
279 3.6 3.0 4.4





#87

Chrysene

Concen: 79.767 ng/ul

RT: 21.639 min Scan# 3170

Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

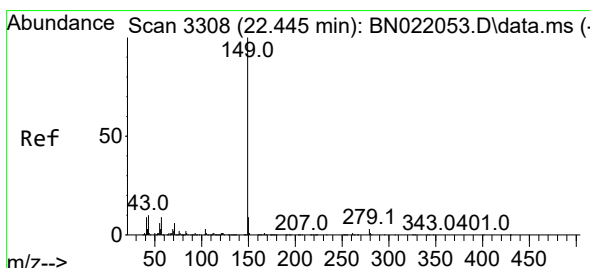
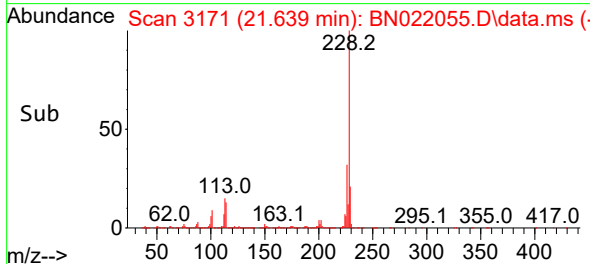
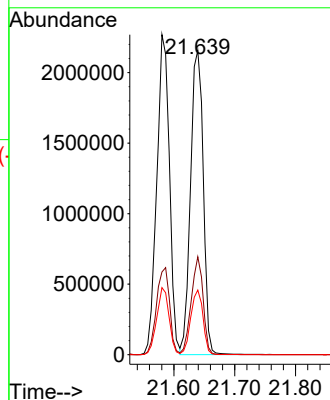
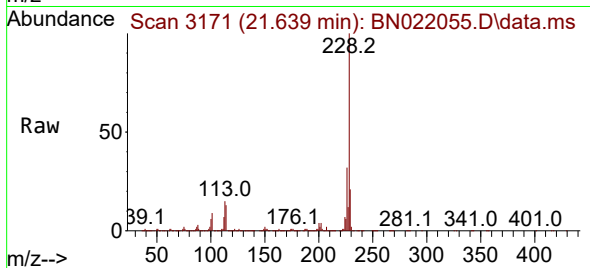
Tgt Ion:228 Resp: 3123846

Ion Ratio Lower Upper

228 100

226 32.2 22.9 34.3

229 21.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 105.757 ng/ul

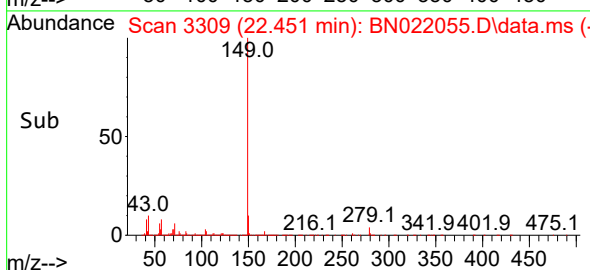
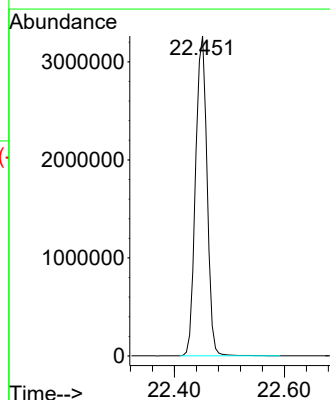
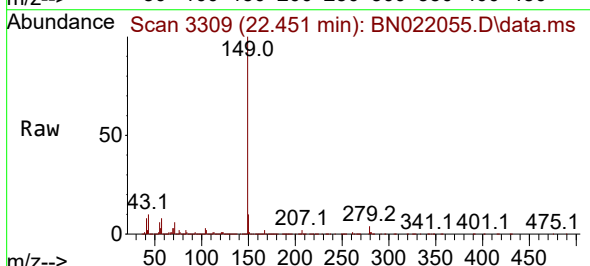
RT: 22.451 min Scan# 3309

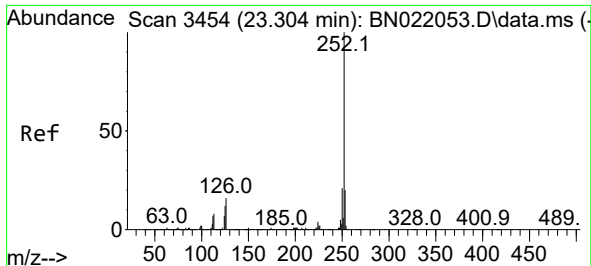
Delta R.T. 0.006 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Tgt Ion:149 Resp: 4725552

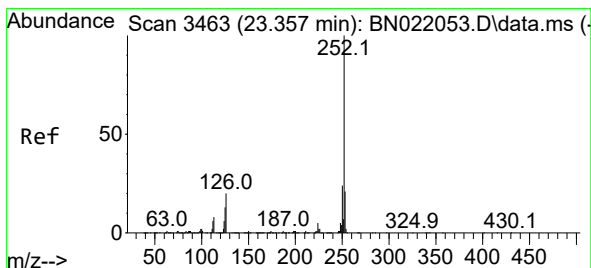
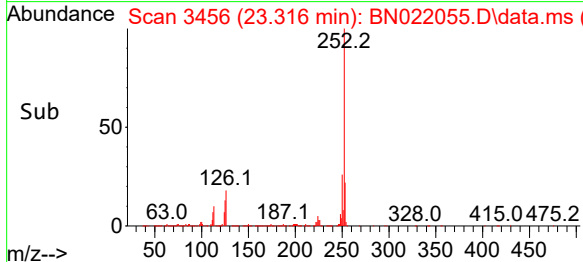
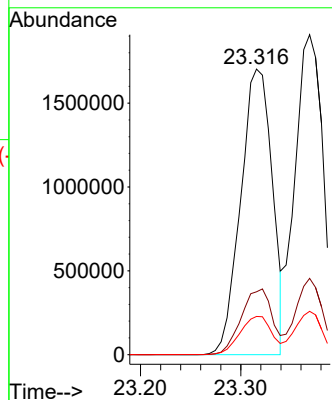
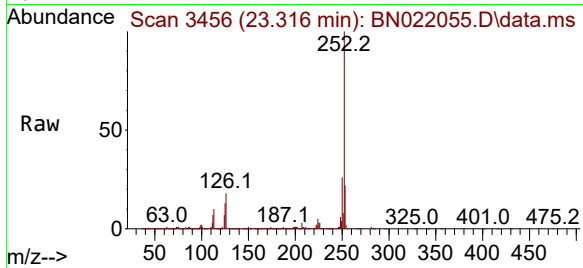




#90
Benzo(b)fluoranthene
Concen: 80.400 ng/ul
RT: 23.316 min Scan# 3454
Delta R.T. 0.012 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

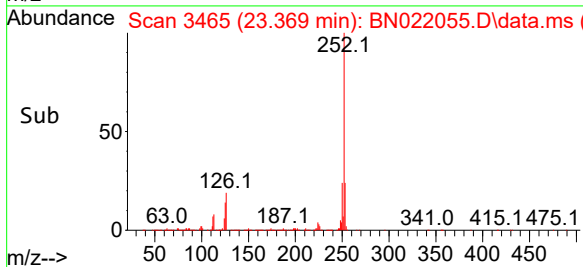
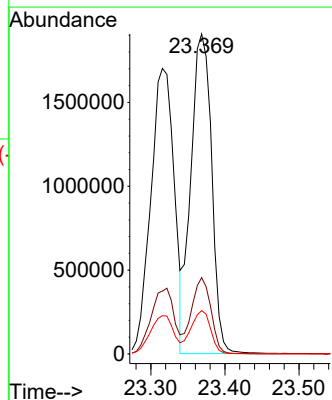
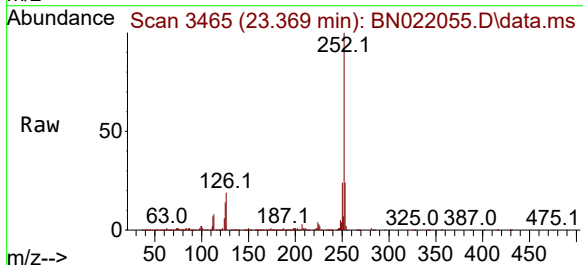
Instrument :
BNA_N
ClientSampleId :
SSTD080242

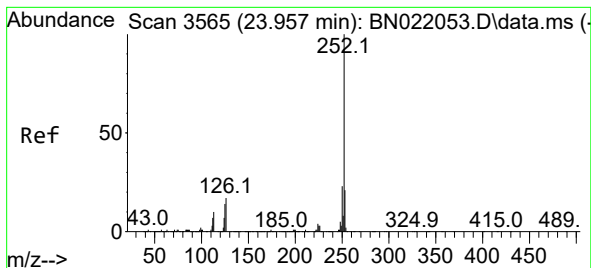
Tgt Ion:252 Resp: 3731227
Ion Ratio Lower Upper
252 100
253 22.0 15.7 23.5
125 13.4 10.0 15.0



#91
Benzo(k)fluoranthene
Concen: 89.621 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. 0.012 min
Lab File: BN022055.D
Acq: 11 Oct 2022 16:56

Tgt Ion:252 Resp: 3720531
Ion Ratio Lower Upper
252 100
253 23.8 16.8 25.2
125 13.5 10.4 15.6





#93

Benzo(a)pyrene

Concen: 75.860 ng/ul

RT: 23.974 min Scan# 3

Delta R.T. 0.018 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

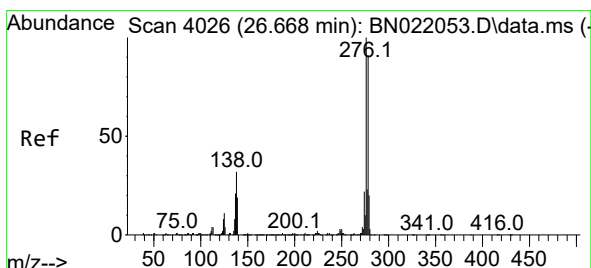
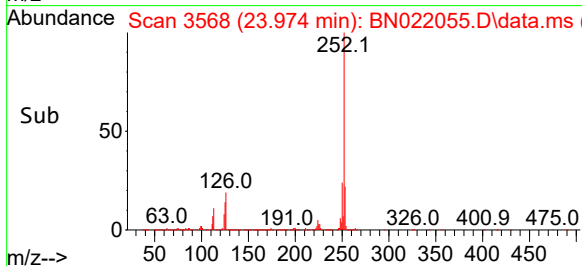
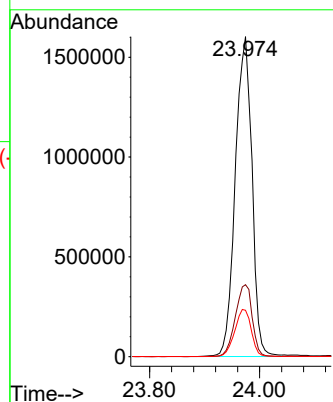
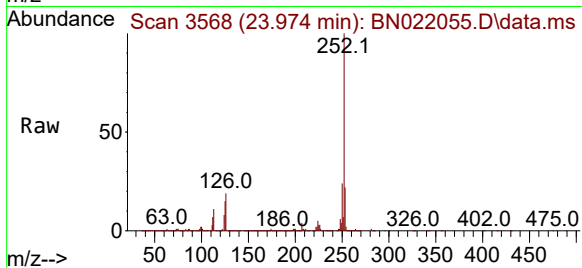
Tgt Ion:252 Resp: 3368355

Ion Ratio Lower Upper

252 100

253 22.5 16.8 25.2

125 14.5 11.2 16.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 81.675 ng/ul

RT: 26.698 min Scan# 4031

Delta R.T. 0.030 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

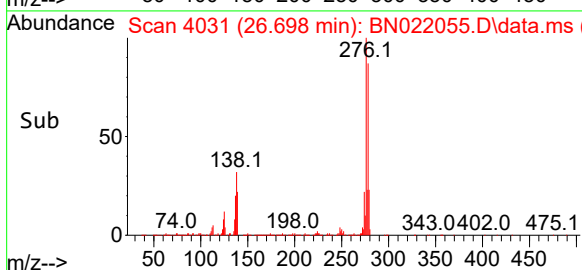
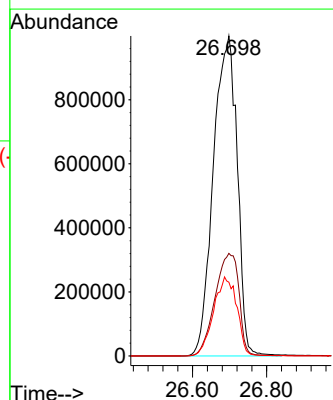
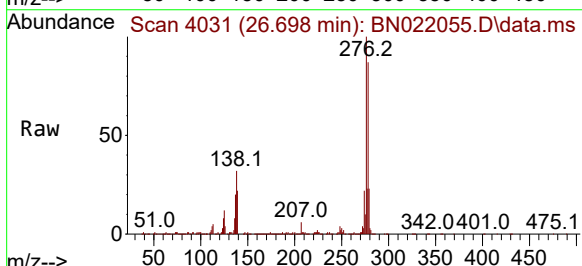
Tgt Ion:276 Resp: 4452221

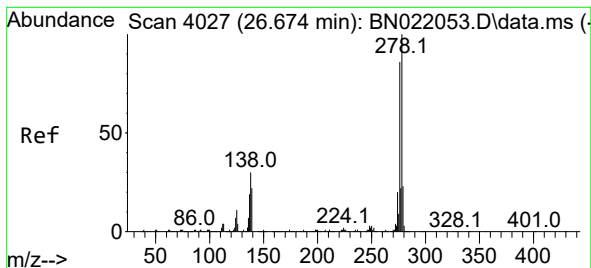
Ion Ratio Lower Upper

276 100

138 32.1 25.4 38.0

277 23.0 18.8 28.2





#95

Dibenzo(a,h)anthracene

Concen: 83.020 ng/ul

RT: 26.716 min Scan# 4027

Delta R.T. 0.041 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Instrument :

BNA_N

ClientSampleId :

SSTD080242

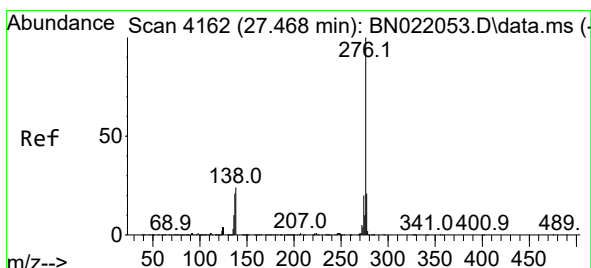
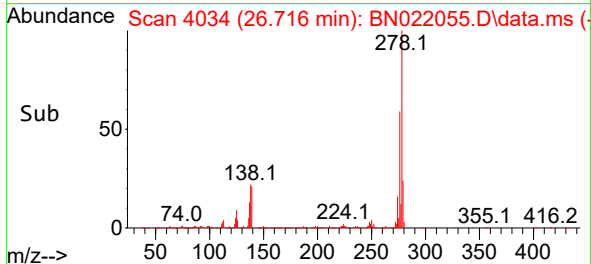
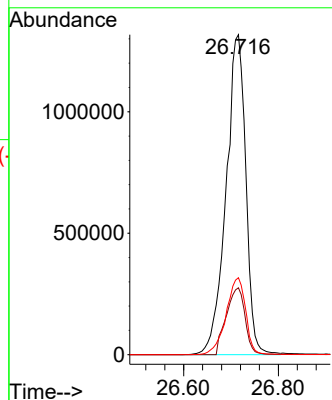
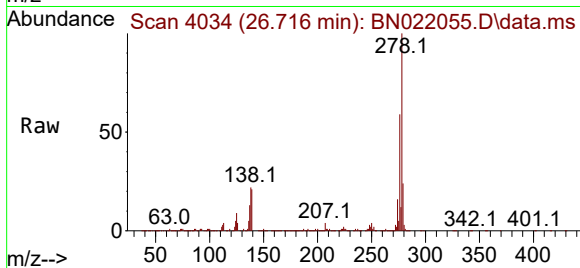
Tgt Ion:278 Resp: 3819182

Ion Ratio Lower Upper

278 100

139 20.9 17.4 26.2

279 24.1 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 85.448 ng/ul

RT: 27.498 min Scan# 4167

Delta R.T. 0.030 min

Lab File: BN022055.D

Acq: 11 Oct 2022 16:56

Tgt Ion:276 Resp: 4064630

Ion Ratio Lower Upper

276 100

138 25.5 19.4 29.2

277 20.5 16.5 24.7

