

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023554.D
 Acq On : 04 Jan 2023 15:57
 Operator : CG/JU
 Sample : SSTD01054
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010218

Quant Time: Jan 05 02:36:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:34:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	160042	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	696207	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	440889	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	971660	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	959926	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	957977	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15982	4.132	ng/uL	0.00
4) Pyridine-d5	3.734	84	105881	9.273	ng/u1	0.00
7) Phenol-d5	7.111	99	132889	8.928	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	88571	10.225	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	109315	9.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	107460	8.992	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	51521	9.578	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	51901	9.161	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	104721	9.791	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	168417	9.786	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	336883	10.196	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	366789	9.899	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	61196	8.293	ng/u1	0.00
60) Fluorene-d10	15.592	176	295710	10.507	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	47074	8.230	ng/u1	0.00
73) Anthracene-d10	17.451	188	449685	10.327	ng/u1	0.00
81) Pyrene-d10	19.745	212	552556	10.582	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	482732	10.281	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	16463	4.107	ng/uL	97
5) Pyridine	3.752	79	112327	9.627	ng/u1	98
6) Benzaldehyde	7.081	77	55435	10.397	ng/u1	98
8) Phenol	7.134	94	140777	9.363	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	116688	9.992	ng/u1	98
12) 2-Chlorophenol	7.511	128	112362	9.754	ng/u1	99
13) 2-Methylphenol	8.399	108	102819	8.988	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	156046	10.551	ng/u1	96
16) Acetophenone	8.781	105	177897	9.838	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	87584	9.673	ng/u1	100
18) 4-Methylphenol	8.728	108	114788	9.042	ng/u1	100
19) Hexachloroethane	9.034	117	45339	10.219	ng/u1	97
22) Nitrobenzene	9.163	77	133036	10.314	ng/u1	97
23) Isophorone	9.693	82	233859	9.613	ng/u1	99
25) 2-Nitrophenol	9.881	139	60221	9.746	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	127467	10.191	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.175	93	158149	10.162	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	107616	10.168	ng/u1	96
30) Naphthalene	10.816	128	390195	10.491	ng/u1	99
32) 4-Chloroaniline	10.934	127	174718	10.176	ng/u1	97
33) Hexachlorobutadiene	11.099	225	68963	11.430	ng/u1	96
34) Caprolactam	11.710	113	29152	7.084	ng/u1	96
35) 4-Chloro-3-methylphenol	12.057	107	113484	9.467	ng/u1	95
36) 2-Methylnaphthalene	12.428	142	257393	10.268	ng/u1	94

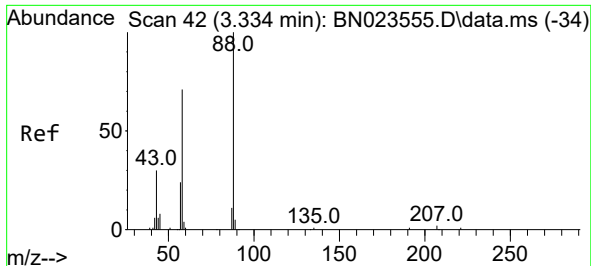
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	265378	10.273	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	133239	10.685	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	69386	9.250	ng/ul	94
41) 2,4,6-Trichlorophenol	13.040	196	84944	9.903	ng/ul	97
42) 2,4,5-Trichlorophenol	13.104	196	92183	9.710	ng/ul	94
43) 1,1'-Biphenyl	13.440	154	356036	10.687	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	275733	10.628	ng/ul	99
45) 2-Nitroaniline	13.687	65	67833	9.023	ng/ul	98
47) Dimethylphthalate	14.057	163	341425	10.241	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	57716	8.942	ng/ul	97
50) Acenaphthylene	14.328	152	422604	10.372	ng/ul	98
51) 3-Nitroaniline	14.510	138	55384	8.427	ng/ul	99
52) Acenaphthene	14.669	153	300538	10.610	ng/ul	96
53) 2,4-Dinitrophenol	14.716	184	27645	6.721	ng/ul	96
55) 4-Nitrophenol	14.816	109	51809	9.493	ng/ul	96
56) Dibenzofuran	14.998	168	424222	10.756	ng/ul	99
57) 2,4-Dinitrotoluene	14.969	165	87786	9.213	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	80843	9.836	ng/ul	99
59) Diethylphthalate	15.422	149	338823	10.216	ng/ul	99
61) Fluorene	15.651	166	348681	10.917	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.645	204	169963	11.103	ng/ul	93
63) 4-Nitroaniline	15.669	138	46697	7.296	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.728	198	49631	8.888	ng/ul#	91
67) N-Nitrosodiphenylamine	15.857	169	289464	10.764	ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	100701	10.741	ng/ul	98
69) Hexachlorobenzene	16.651	284	118664	10.825	ng/ul	96
70) Atrazine	16.810	200	99576	10.133	ng/ul	99
71) Pentachlorophenol	16.998	266	64438	8.903	ng/ul	96
72) Phenanthrene	17.392	178	559947	10.891	ng/ul	99
74) Anthracene	17.486	178	554557	10.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	132301	10.949	ng/ul	98
76) Pentachlorobenzene	14.922	250	137185	11.204	ng/ul	97
77) Carbazole	17.757	167	499760	10.579	ng/ul	98
78) Di-n-butylphthalate	18.322	149	571373	10.187	ng/ul	99
80) Fluoranthene	19.410	202	636092	10.474	ng/ul	99
82) Pyrene	19.775	202	695704	10.905	ng/ul	99
83) Butylbenzylphthalate	20.674	149	245420	9.296	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	202568	9.603	ng/ul	99
85) Benzo(a)anthracene	21.522	228	662635	10.303	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	365222	9.784	ng/ul	100
87) Chrysene	21.580	228	619717	10.211	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	585359	10.090	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	647271	10.712	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	641373	11.154	ng/ul	97
93) Benzo(a)pyrene	23.857	252	554170	10.672	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.498	276	674568	10.254	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	554726	10.342	ng/ul	99
96) Benzo(g,h,i)perylene	27.268	276	542756	10.428	ng/ul	98

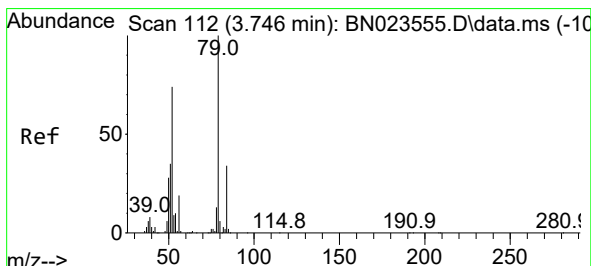
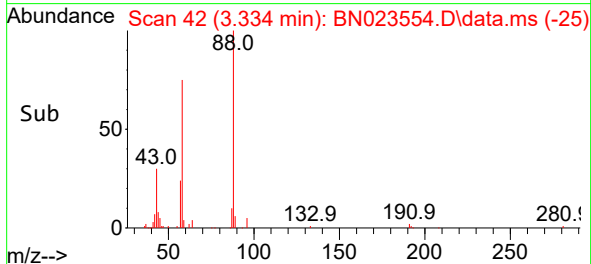
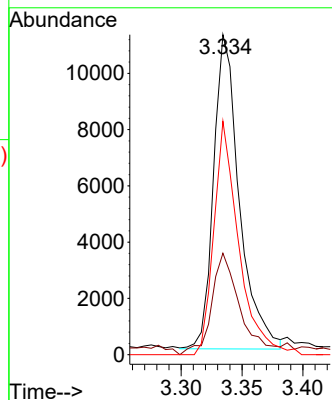
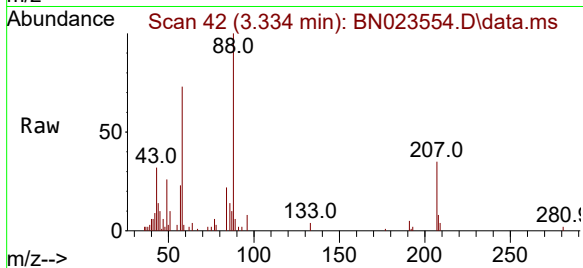
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#2
1,4-Dioxane
Concen: 4.107 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023554.D
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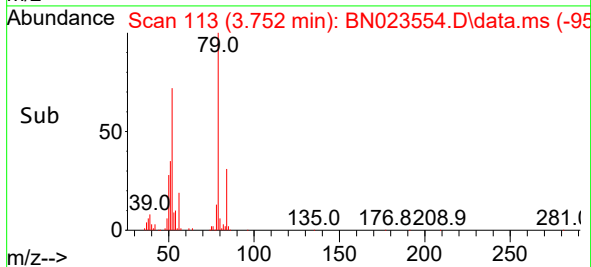
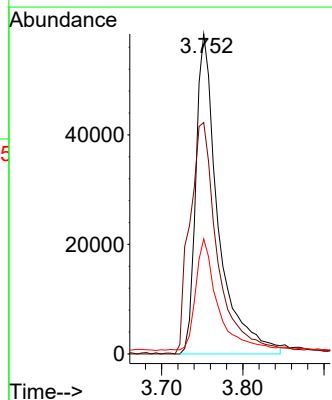
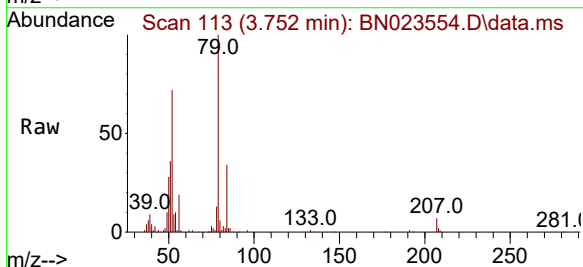
Instrument :
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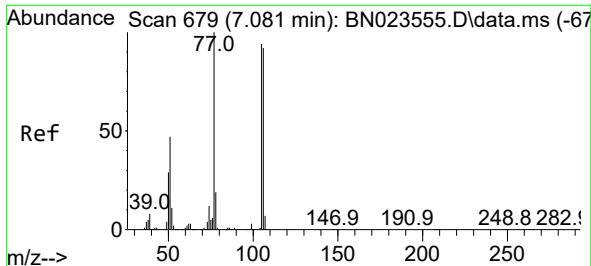
Tgt Ion: 88 Resp: 16463
Ion Ratio Lower Upper
88 100
43 31.7 24.6 36.8
58 72.9 56.2 84.4



#5
Pyridine
Concen: 9.627 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion: 79 Resp: 112327
Ion Ratio Lower Upper
79 100
52 72.4 59.9 89.9
51 36.0 28.6 42.8

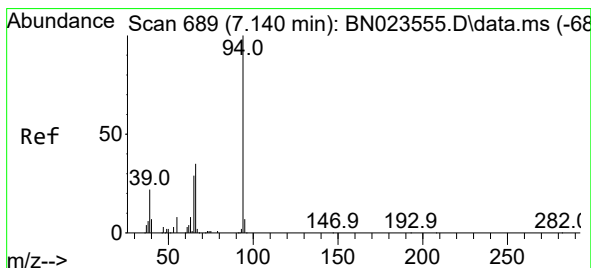
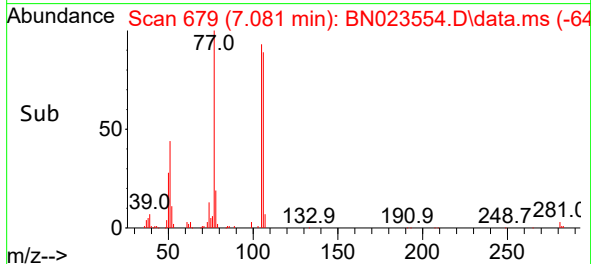
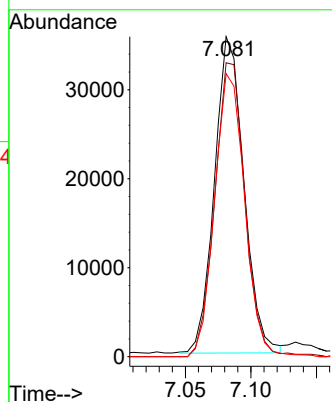
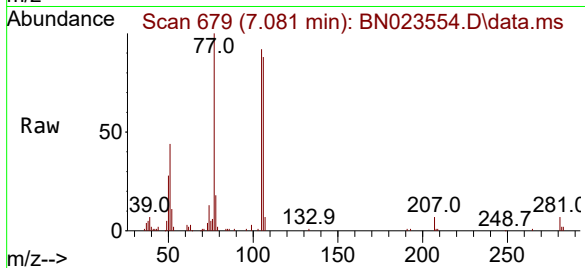




#6
Benzaldehyde
Concen: 10.397 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

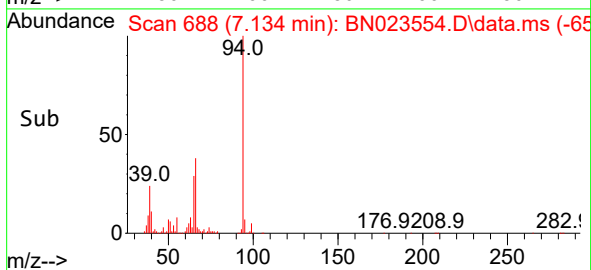
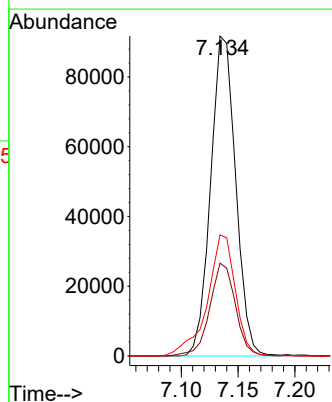
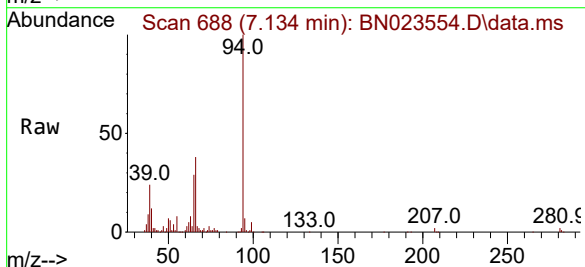
Instrument :
BNA_N
ClientSampleId :
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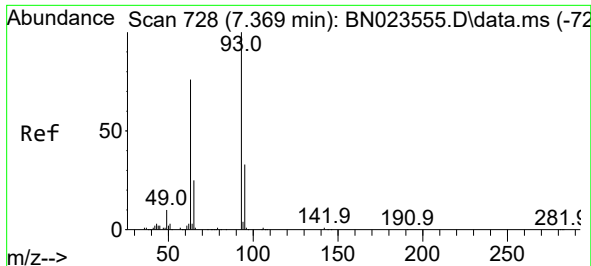
Tgt Ion: 77 Resp: 55435
Ion Ratio Lower Upper
77 100
105 91.8 75.1 112.7
106 88.5 72.8 109.2



#8
Phenol
Concen: 9.363 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion: 94 Resp: 140777
Ion Ratio Lower Upper
94 100
65 29.0 23.7 35.5
66 37.8 29.9 44.9



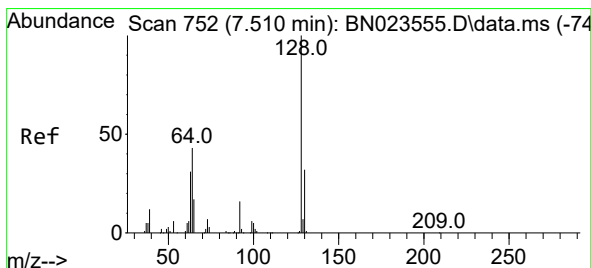
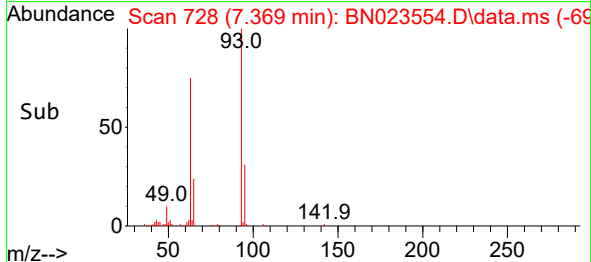
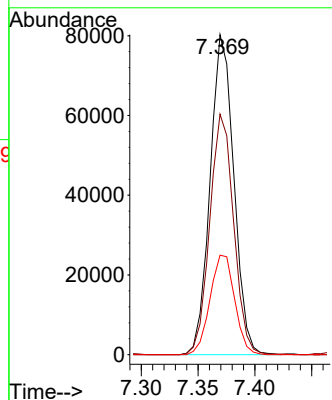
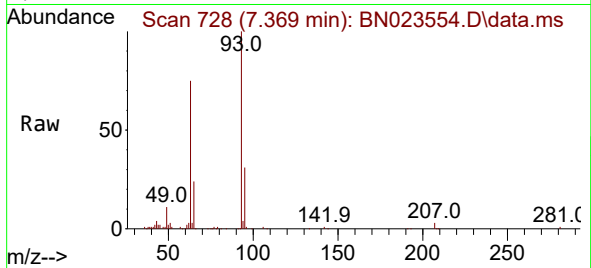


#10
 Bis(2-Chloroethyl)ether
 Concen: 9.992 ng/ul
 RT: 7.369 min Scan# 728
 Delta R.T. 0.000 min
 Lab File: BN023554.D
 Acq: 04 Jan 2023 15:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010218

Tgt Ion: 93 Resp: 116688

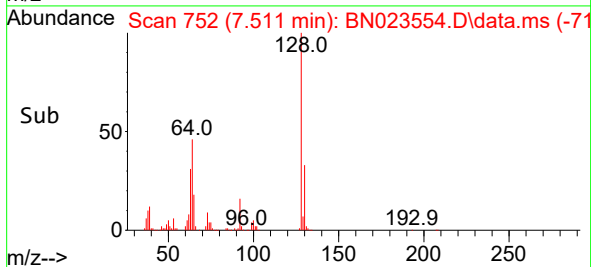
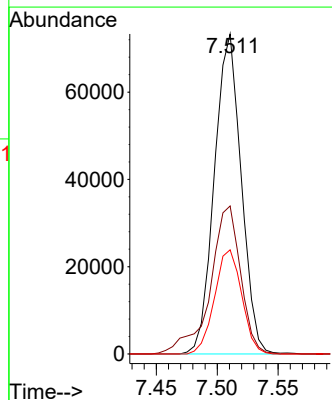
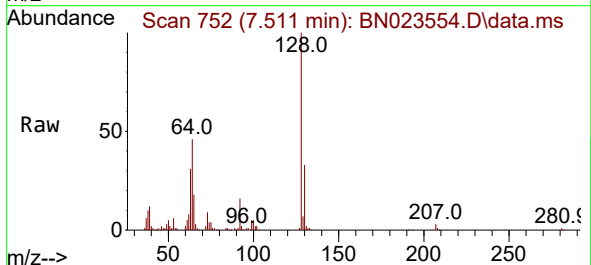
Ion	Ratio	Lower	Upper
93	100		
63	75.2	61.2	91.8
95	31.1	26.6	40.0

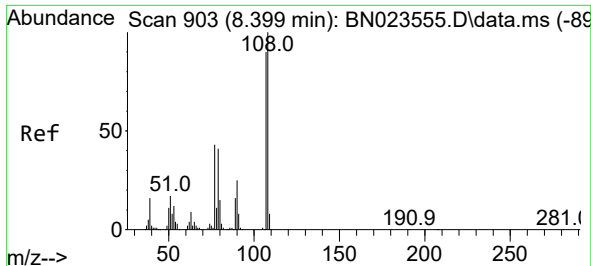


#12
 2-Chlorophenol
 Concen: 9.754 ng/ul
 RT: 7.511 min Scan# 752
 Delta R.T. 0.000 min
 Lab File: BN023554.D
 Acq: 04 Jan 2023 15:57

Tgt Ion: 128 Resp: 112362

Ion	Ratio	Lower	Upper
128	100		
64	46.2	37.4	56.2
130	32.6	25.6	38.4





#13

2-Methylphenol

Concen: 8.988 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

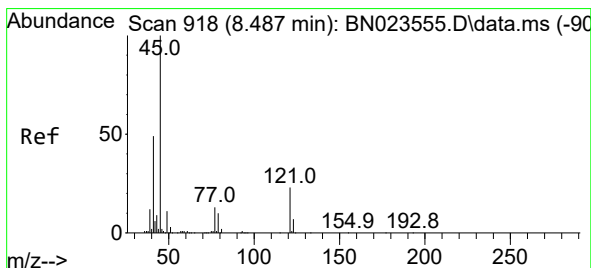
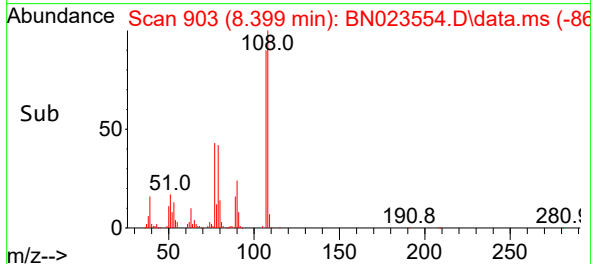
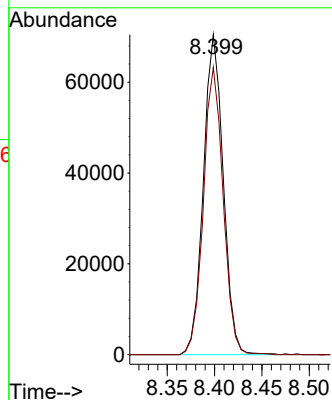
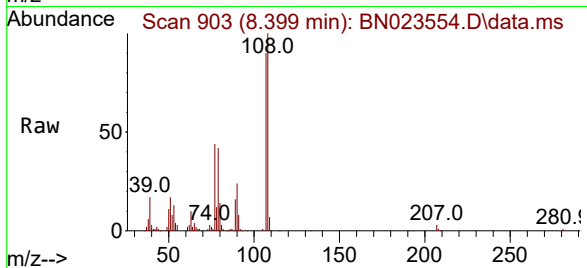
SSTD010218

Tgt Ion:108 Resp: 102819

Ion Ratio Lower Upper

108 100

107 89.7 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.551 ng/ul

RT: 8.487 min Scan# 918

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

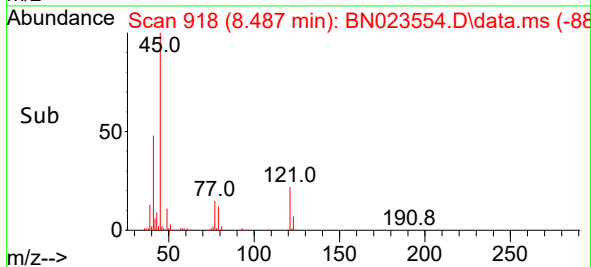
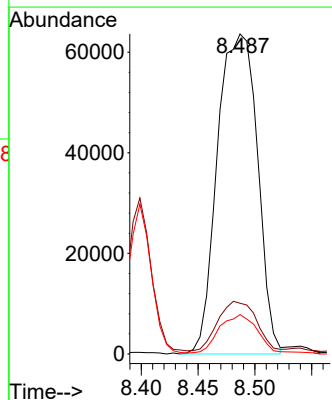
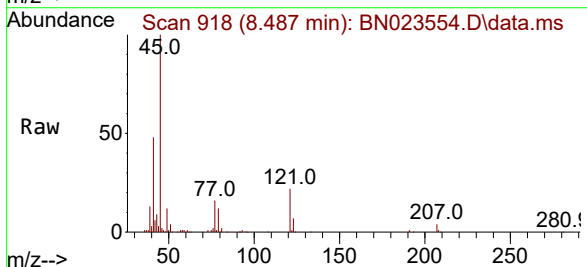
Tgt Ion: 45 Resp: 156046

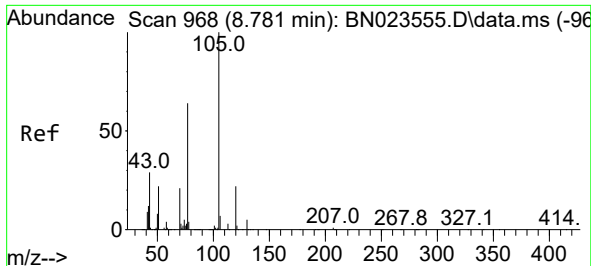
Ion Ratio Lower Upper

45 100

77 15.8 11.4 17.2

79 12.3 8.8 13.2

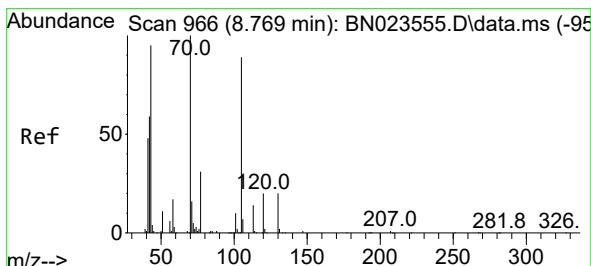
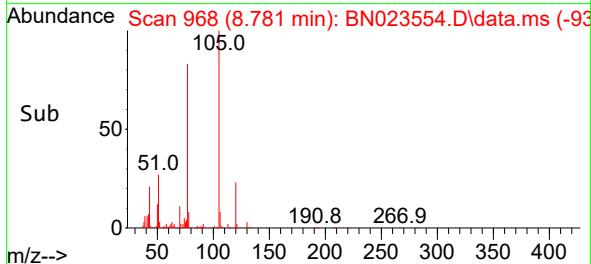
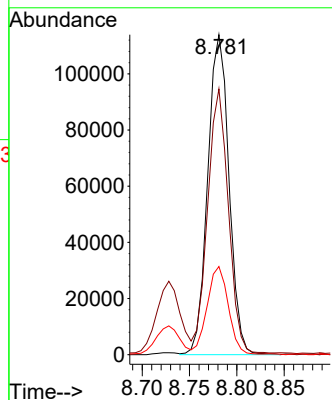
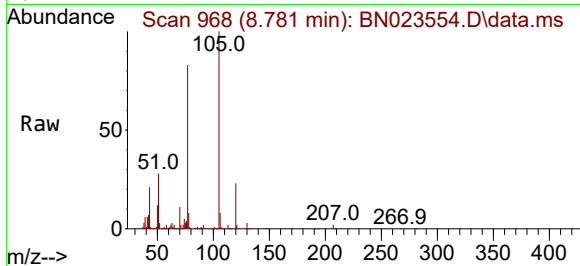




#16
Acetophenone
Concen: 9.838 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN023554.D
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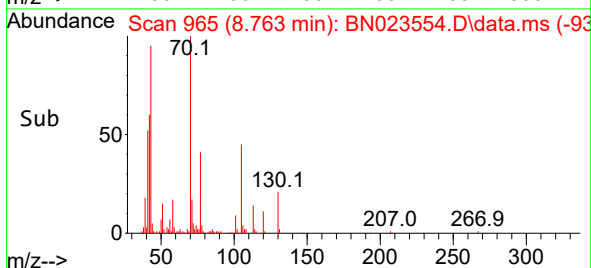
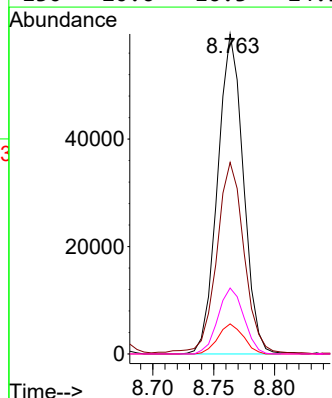
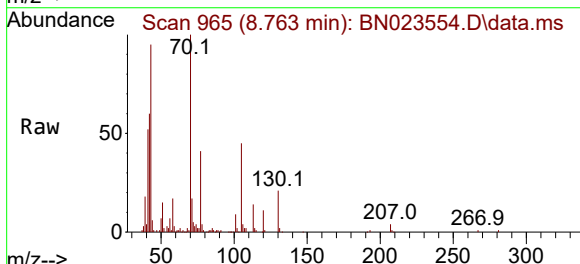
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BNA_N
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SSTD010218

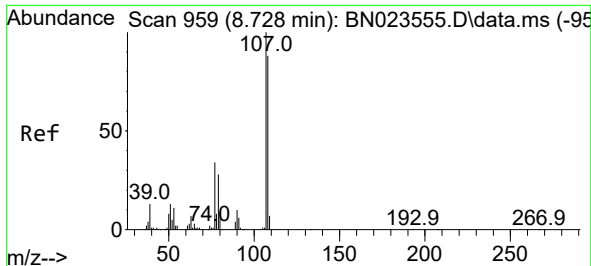
Tgt Ion:105 Resp: 177897
Ion Ratio Lower Upper
105 100
77 83.0 64.2 96.2
51 27.6 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 9.673 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion: 70 Resp: 87584
Ion Ratio Lower Upper
70 100
42 59.8 47.8 71.6
101 9.4 7.8 11.6
130 20.6 16.3 24.5

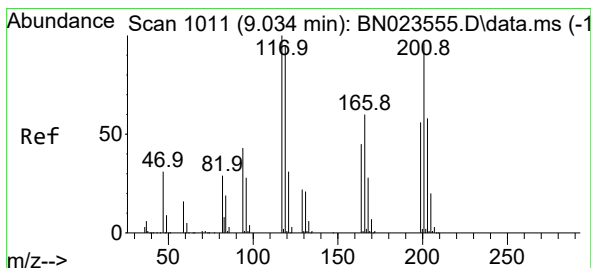
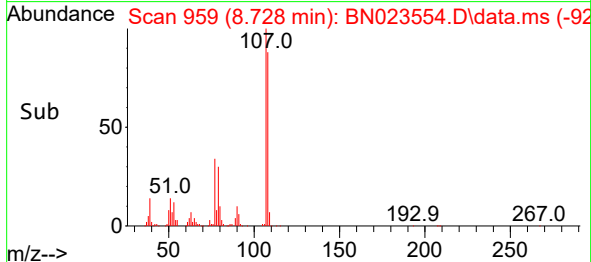
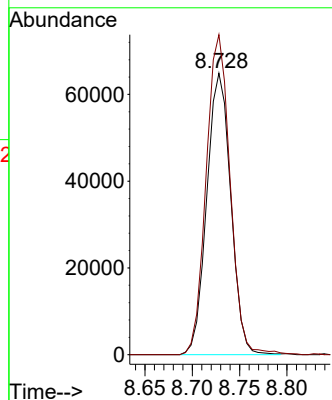
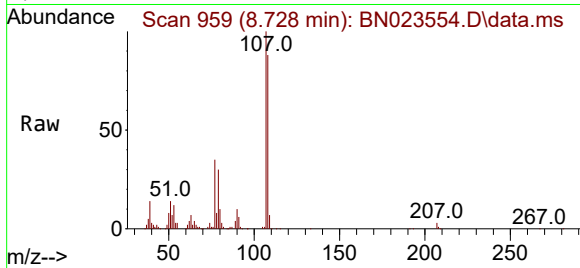




#18
4-Methylphenol
Concen: 9.042 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

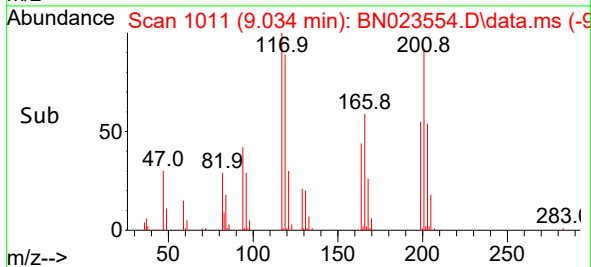
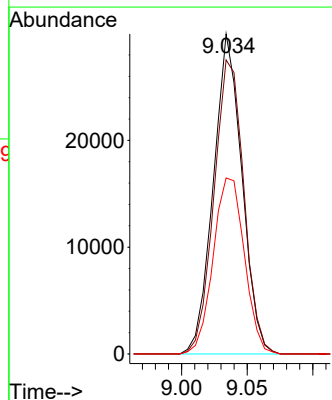
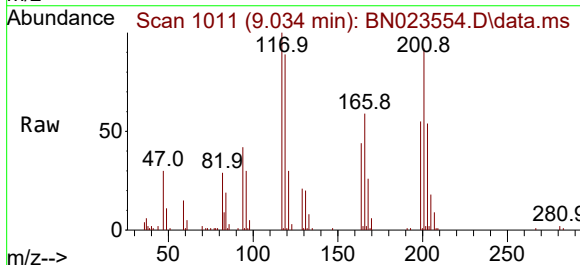
Instrument :
BNA_N
ClientSampleId :
SSTD010218

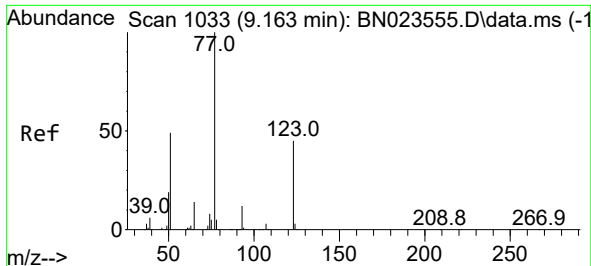
Tgt Ion:108 Resp: 114788
Ion Ratio Lower Upper
108 100
107 113.7 90.7 136.1



#19
Hexachloroethane
Concen: 10.219 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:117 Resp: 45339
Ion Ratio Lower Upper
117 100
201 91.9 76.9 115.3
199 55.0 44.6 67.0

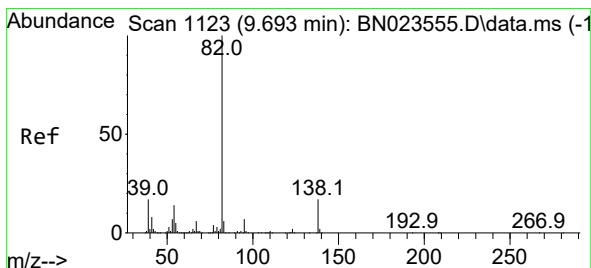
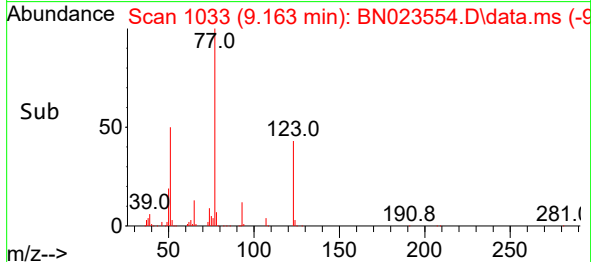
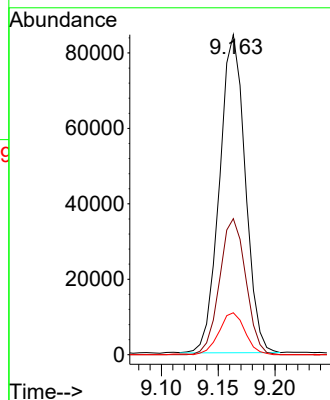
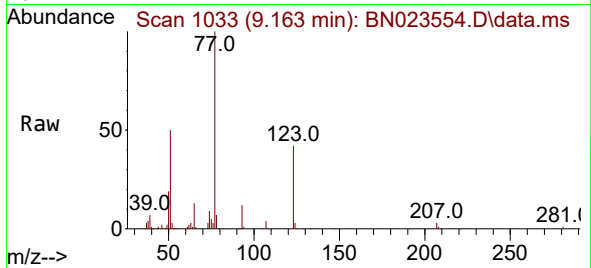




#22
Nitrobenzene
Concen: 10.314 ng/ul
RT: 9.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

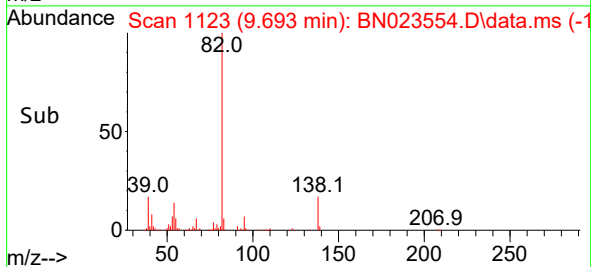
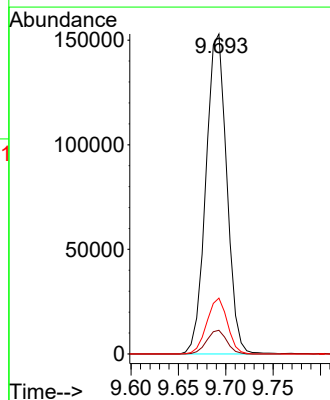
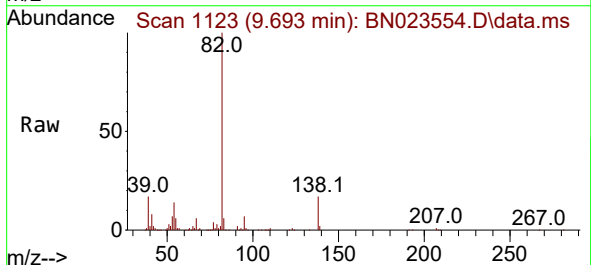
Instrument :
BNA_N
ClientSampleId :
SSTD010218

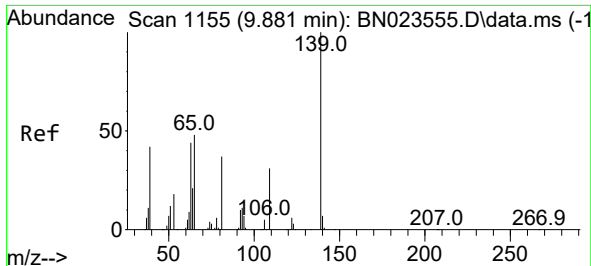
Tgt Ion: 77 Resp: 133036
Ion Ratio Lower Upper
77 100
123 42.5 35.6 53.4
65 13.1 11.0 16.4



#23
Isophorone
Concen: 9.613 ng/ul
RT: 9.693 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion: 82 Resp: 233859
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.4 13.8 20.8

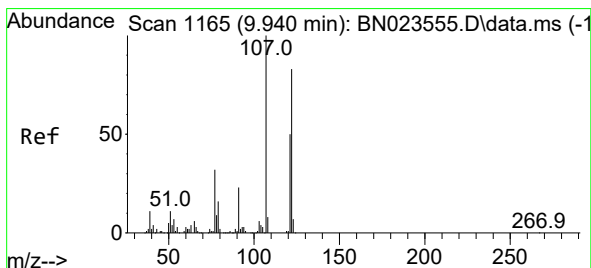
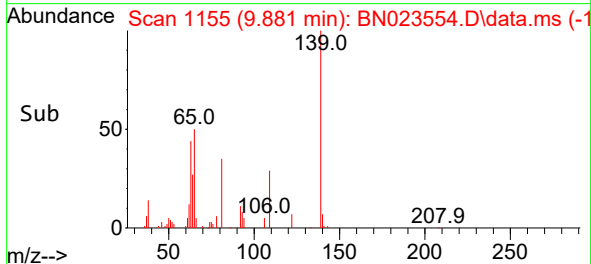
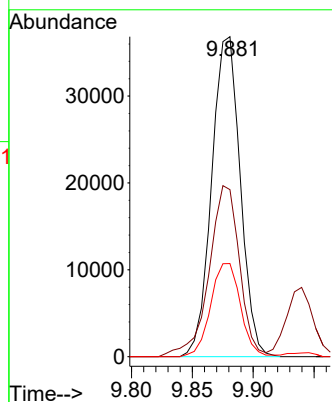
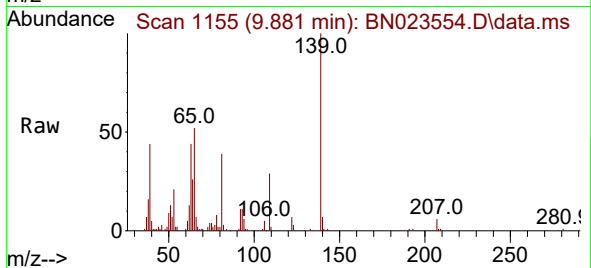




#25
2-Nitrophenol
Concen: 9.746 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

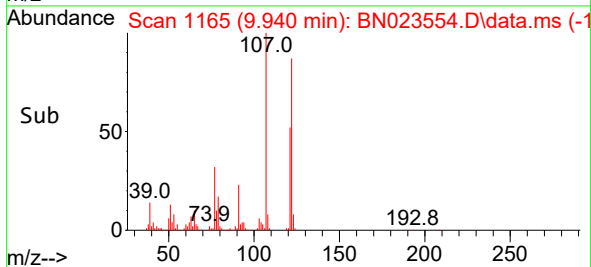
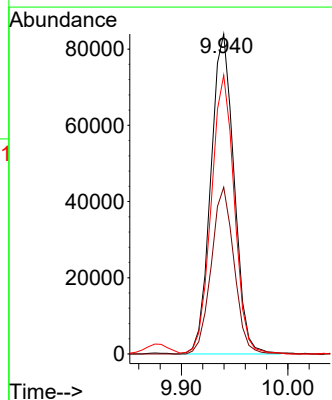
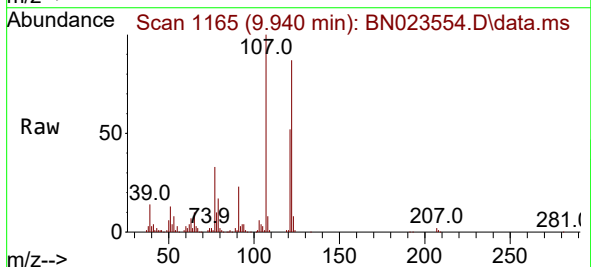
Instrument :
BNA_N
ClientSampleId :
SSTD010218

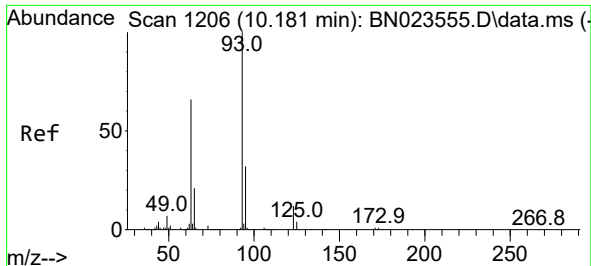
Tgt Ion:139 Resp: 60221
Ion Ratio Lower Upper
139 100
65 52.2 40.3 60.5
109 29.1 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 10.191 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:107 Resp: 127467
Ion Ratio Lower Upper
107 100
121 52.1 40.4 60.6
122 87.1 67.0 100.4





#27

Bis(2-Chloroethoxy)methane

Concen: 10.162 ng/ul

RT: 10.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

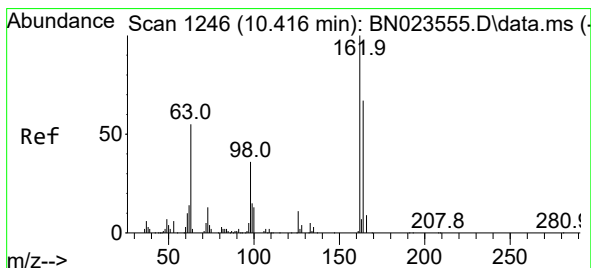
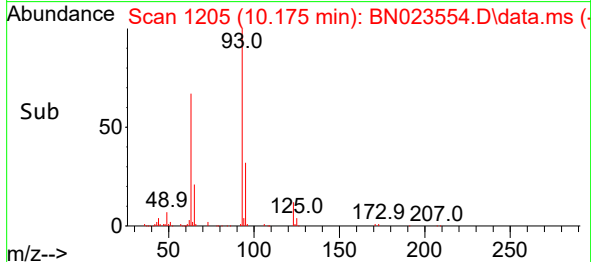
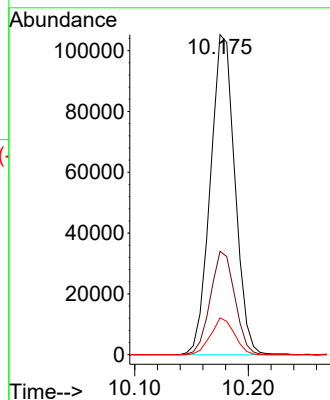
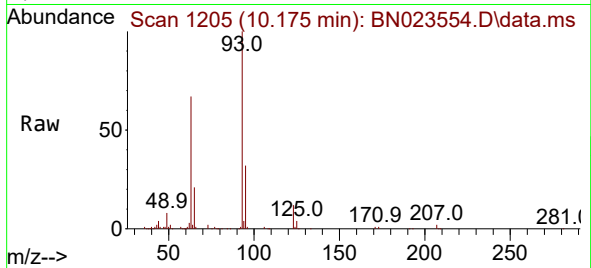
Tgt Ion: 93 Resp: 158149

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 11.5 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 10.168 ng/ul

RT: 10.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

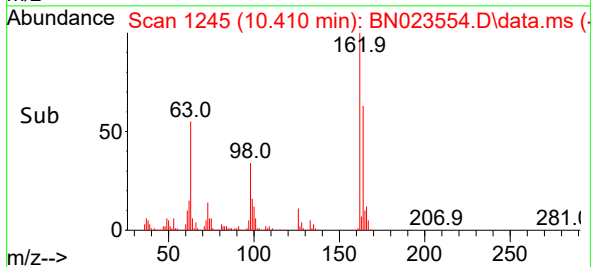
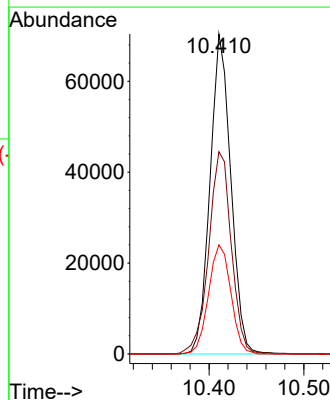
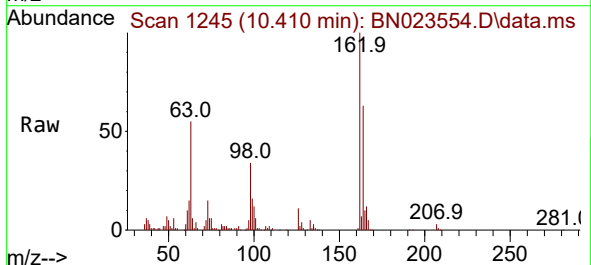
Tgt Ion:162 Resp: 107616

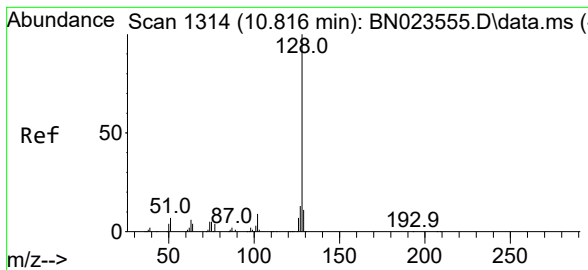
Ion Ratio Lower Upper

162 100

164 63.2 53.8 80.6

98 34.1 28.8 43.2

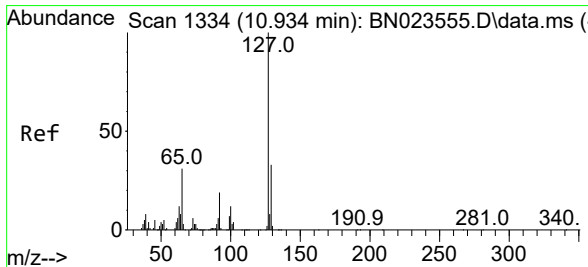
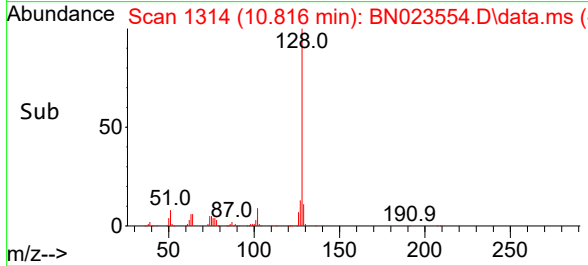
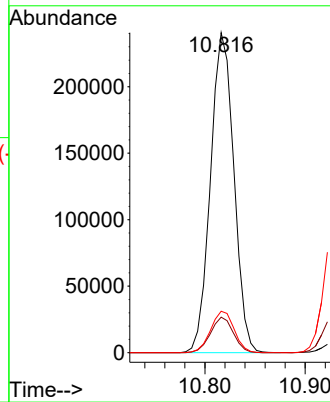
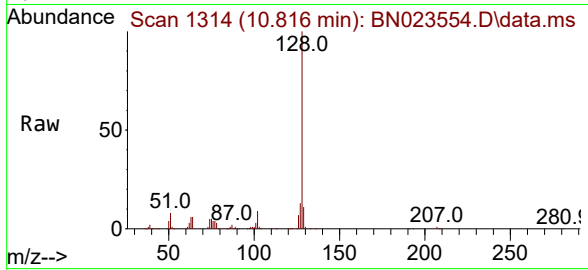




#30
Naphthalene
Concen: 10.491 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

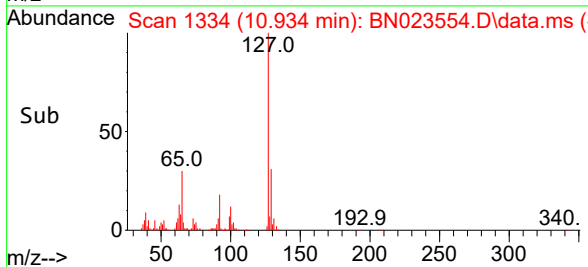
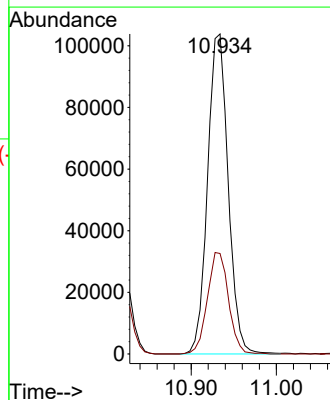
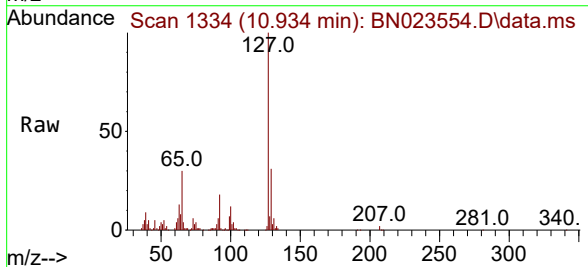
Instrument :
BNA_N
ClientSampleId :
SSTD010218

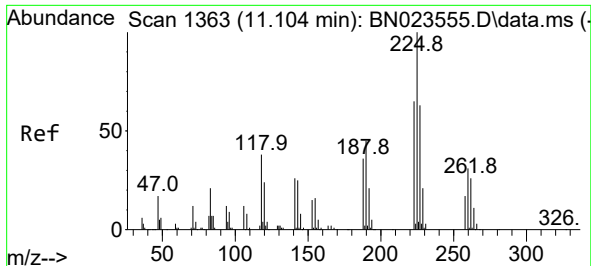
Tgt Ion:128 Resp: 390195
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.9 10.8 16.2



#32
4-Chloroaniline
Concen: 10.176 ng/ul
RT: 10.934 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:127 Resp: 174718
Ion Ratio Lower Upper
127 100
129 31.4 26.4 39.6

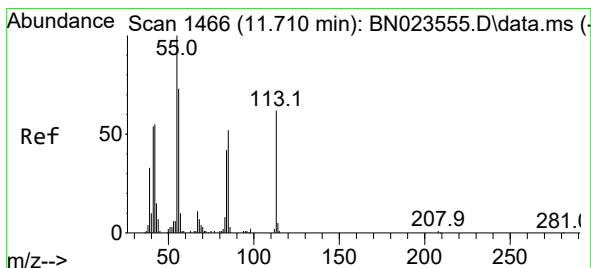
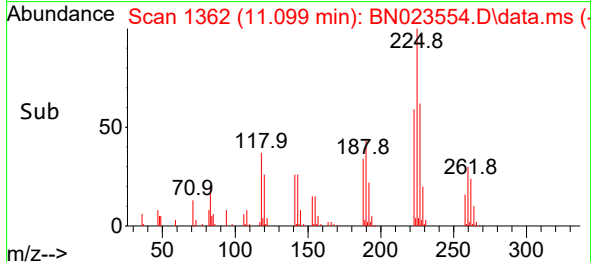
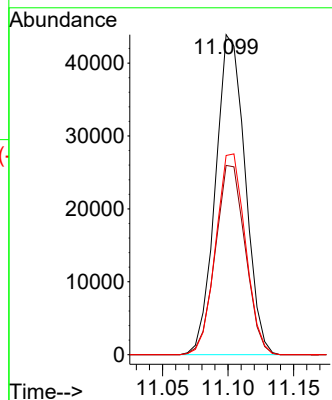
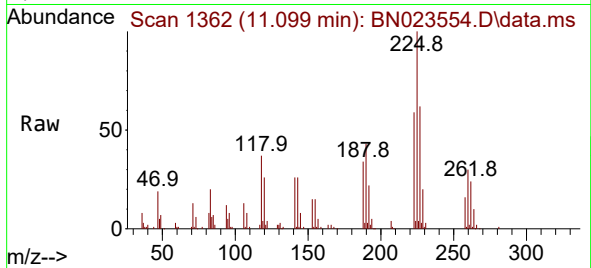




#33
Hexachlorobutadiene
Concen: 11.430 ng/ul
RT: 11.099 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

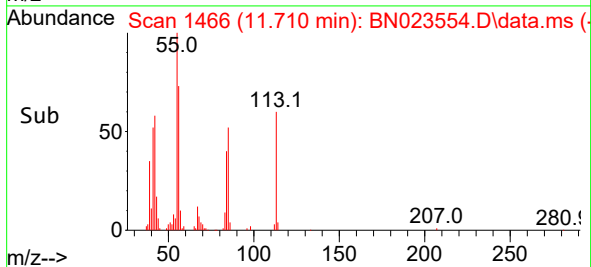
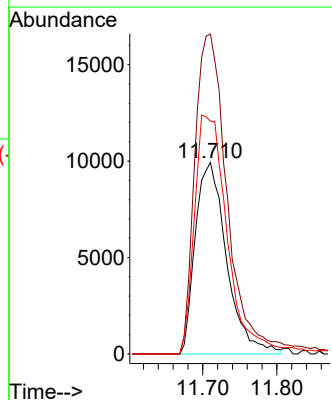
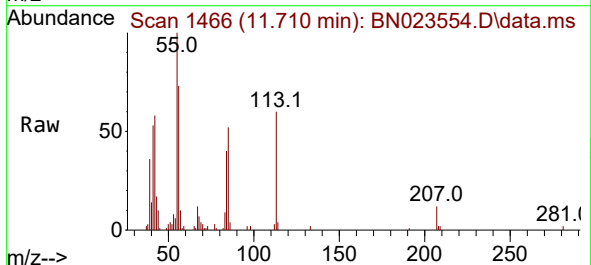
Instrument :
BNA_N
ClientSampleId :
SSTD010218

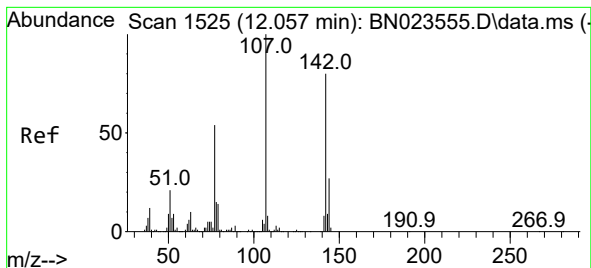
Tgt Ion:225 Resp: 68963
Ion Ratio Lower Upper
225 100
223 59.1 51.7 77.5
227 62.3 50.8 76.2



#34
Caprolactam
Concen: 7.084 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:113 Resp: 29152
Ion Ratio Lower Upper
113 100
55 167.1 129.1 193.7
56 121.6 94.2 141.4

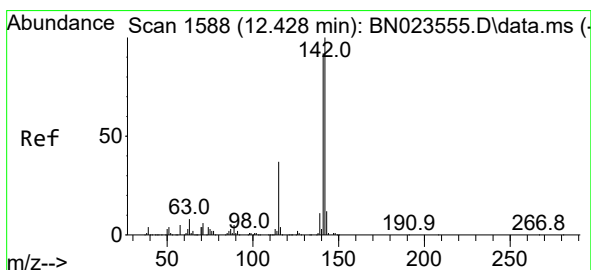
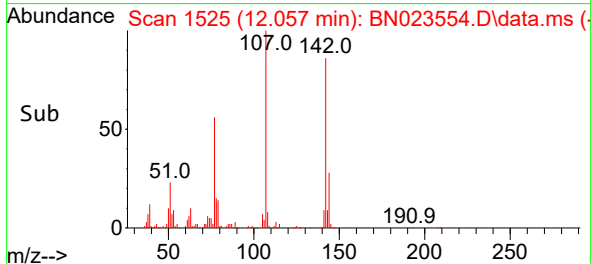
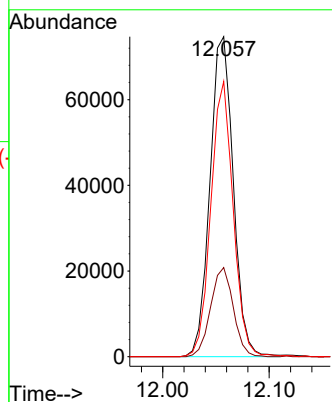
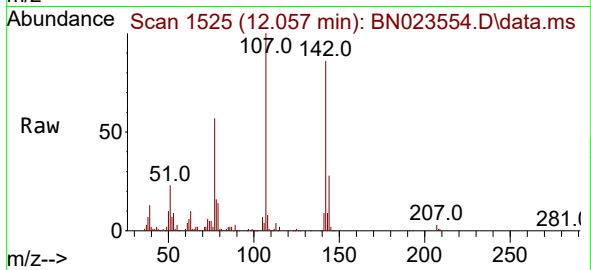




#35
 4-Chloro-3-methylphenol
 Concen: 9.467 ng/ul
 RT: 12.057 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: BN023554.D
 Acq: 04 Jan 2023 15:57

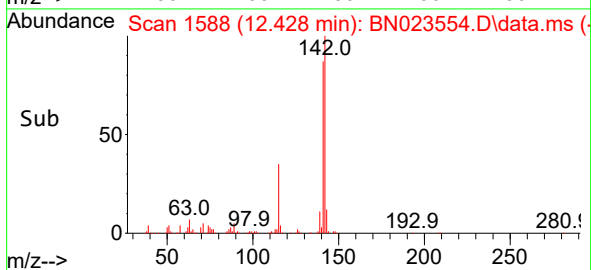
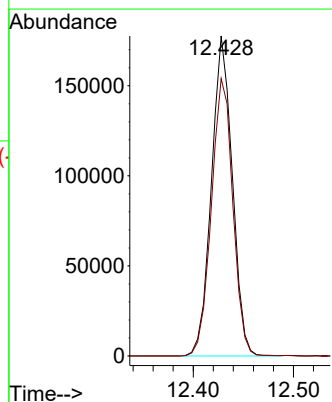
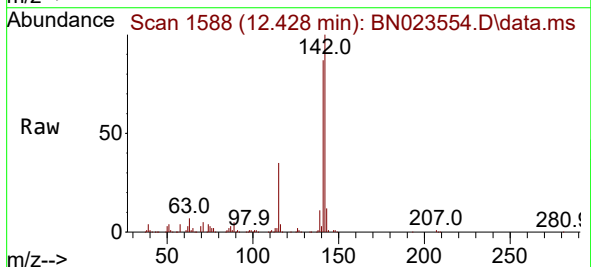
Instrument :
 BNA_N
 ClientSampleId :
 SSTD010218

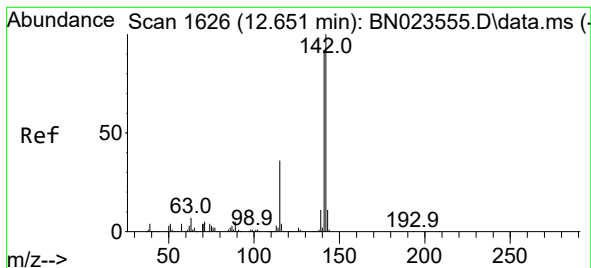
Tgt Ion:107 Resp: 113484
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.9 32.9
 142 86.0 64.0 96.0



#36
 2-Methylnaphthalene
 Concen: 10.268 ng/ul
 RT: 12.428 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BN023554.D
 Acq: 04 Jan 2023 15:57

Tgt Ion:142 Resp: 257393
 Ion Ratio Lower Upper
 142 100
 141 86.7 73.6 110.4





#37

1-Methylnaphthalene

Concen: 10.273 ng/ul

RT: 12.646 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

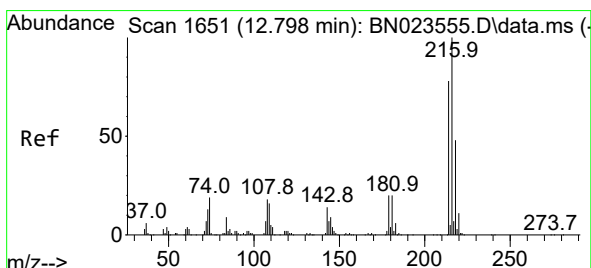
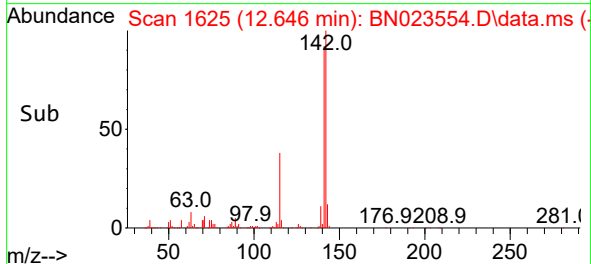
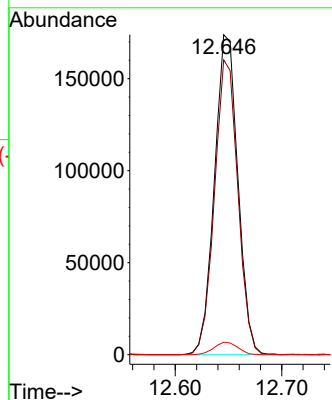
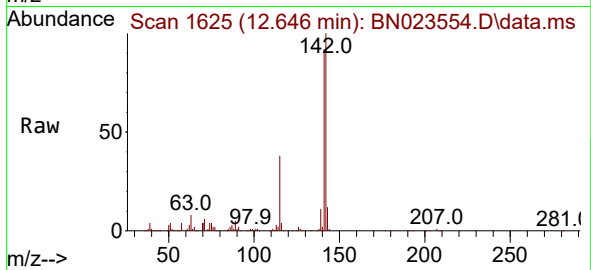
Tgt Ion:142 Resp: 265378

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6

116 3.9 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.685 ng/ul

RT: 12.798 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Tgt Ion:216 Resp: 133239

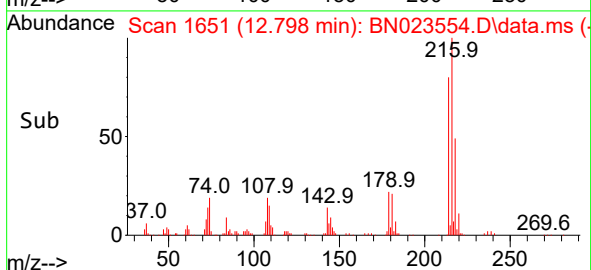
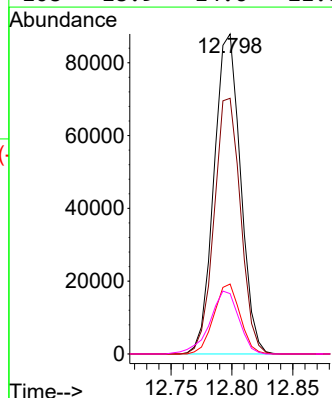
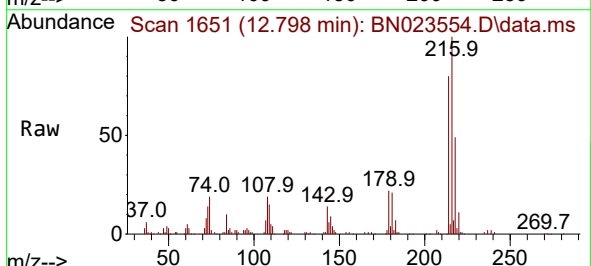
Ion Ratio Lower Upper

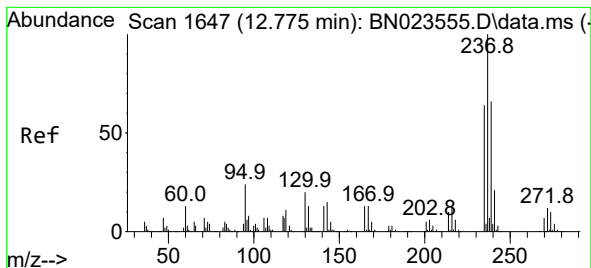
216 100

214 79.9 62.4 93.6

179 21.9 16.2 24.2

108 18.9 14.6 21.8





#40

Hexachlorocyclopentadiene

Concen: 9.250 ng/ul

RT: 12.775 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

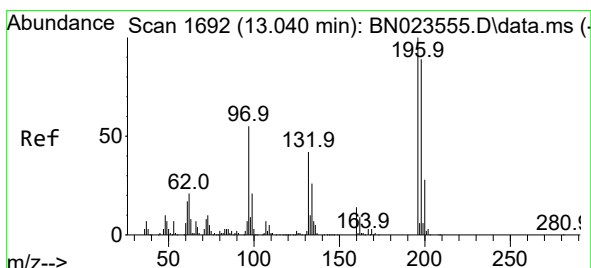
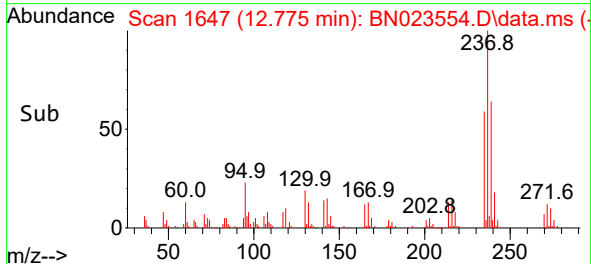
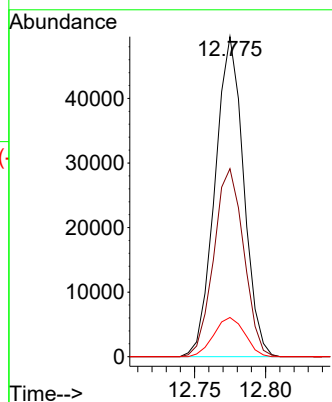
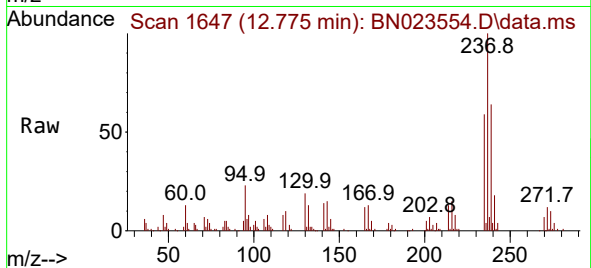
Tgt Ion:237 Resp: 69386

Ion Ratio Lower Upper

237 100

235 58.7 51.0 76.4

272 13.1 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 9.903 ng/ul

RT: 13.040 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

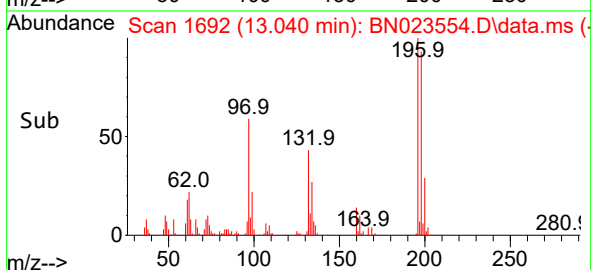
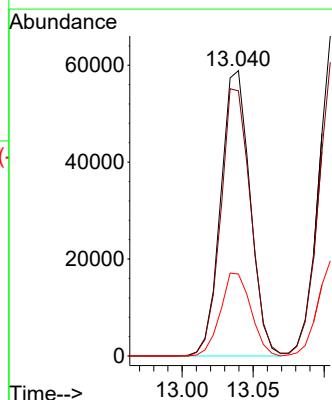
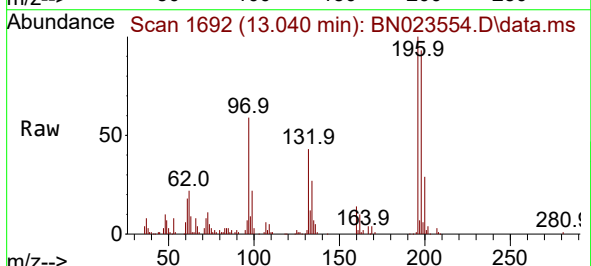
Tgt Ion:196 Resp: 84944

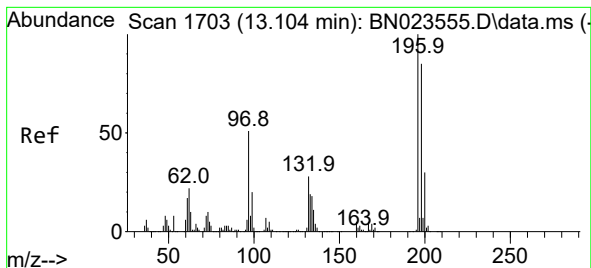
Ion Ratio Lower Upper

196 100

198 92.9 71.4 107.0

200 28.7 22.5 33.7





#42

2,4,5-Trichlorophenol

Concen: 9.710 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

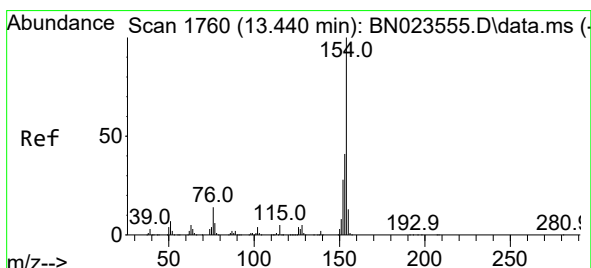
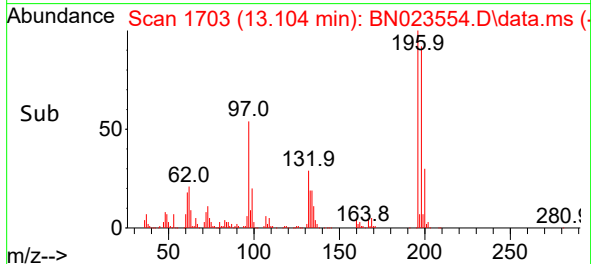
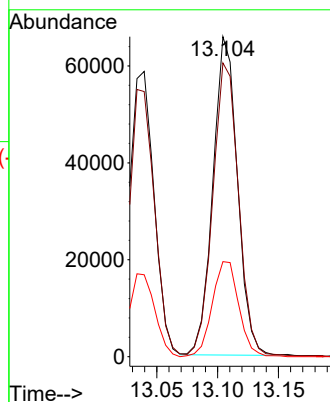
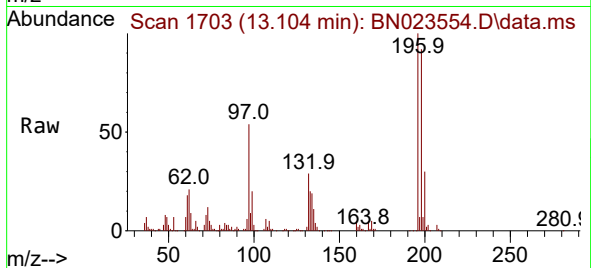
Tgt Ion:196 Resp: 92183

Ion Ratio Lower Upper

196 100

198 91.8 68.1 102.1

200 29.7 24.1 36.1



#43

1,1'-Biphenyl

Concen: 10.687 ng/ul

RT: 13.440 min Scan# 1760

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

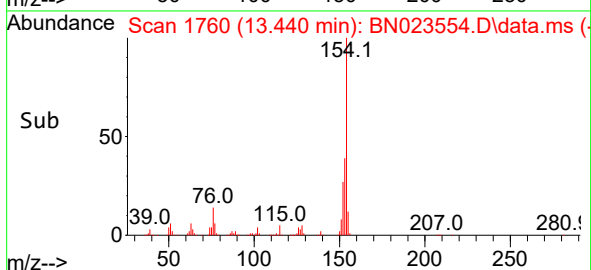
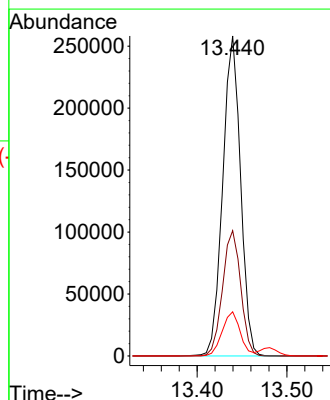
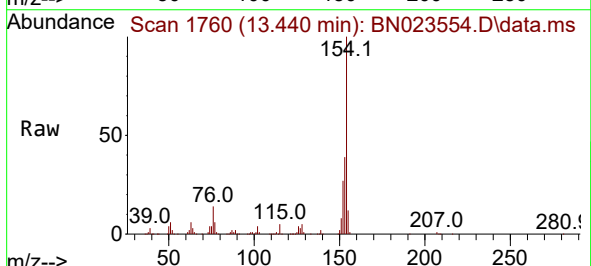
Tgt Ion:154 Resp: 356036

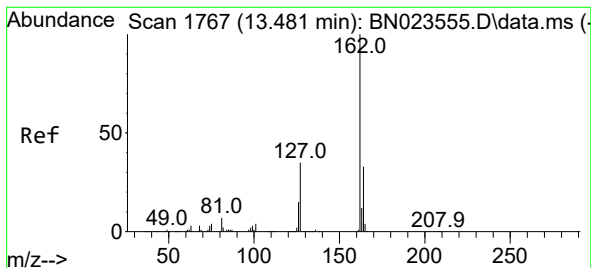
Ion Ratio Lower Upper

154 100

153 39.1 32.5 48.7

76 13.8 11.0 16.6





#44

2-Chloronaphthalene

Concen: 10.628 ng/ul

RT: 13.481 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

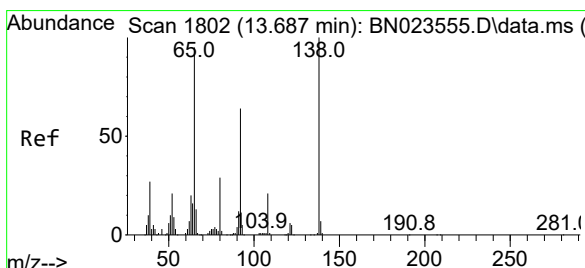
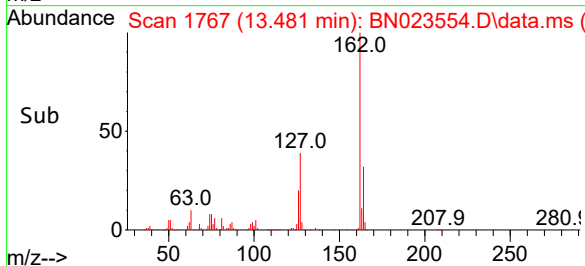
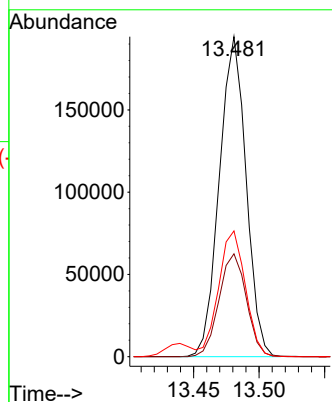
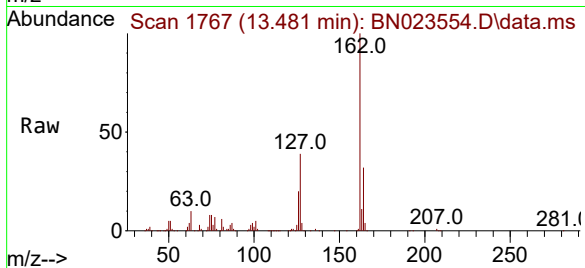
Tgt Ion:162 Resp: 275733

Ion Ratio Lower Upper

162 100

164 32.2 26.2 39.2

127 39.3 31.8 47.8



#45

2-Nitroaniline

Concen: 9.023 ng/ul

RT: 13.687 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

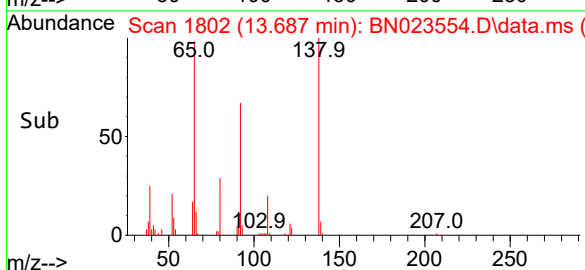
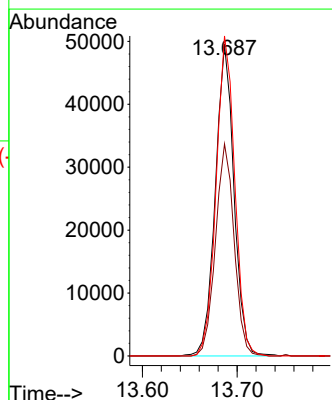
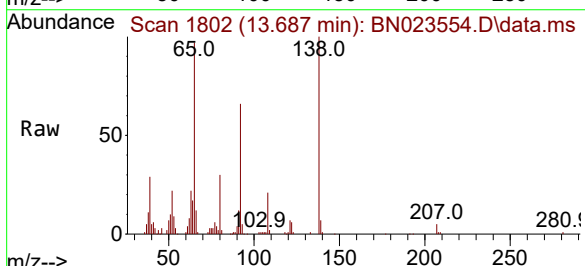
Tgt Ion: 65 Resp: 67833

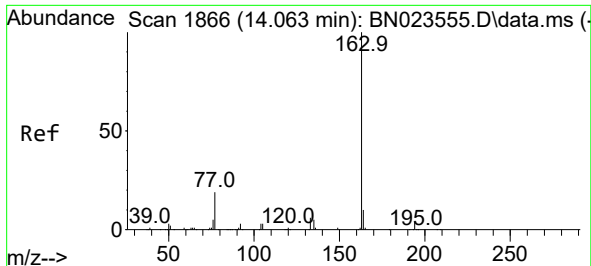
Ion Ratio Lower Upper

65 100

92 68.1 53.5 80.3

138 102.7 84.0 126.0





#47

Dimethylphthalate

Concen: 10.241 ng/ul

RT: 14.057 min Scan# 1865

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

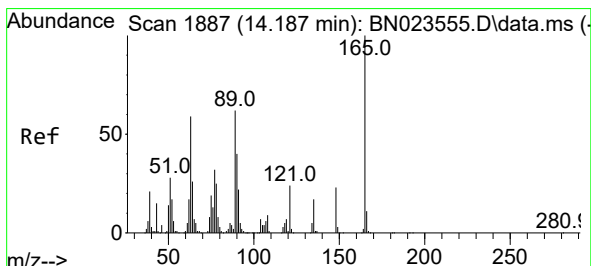
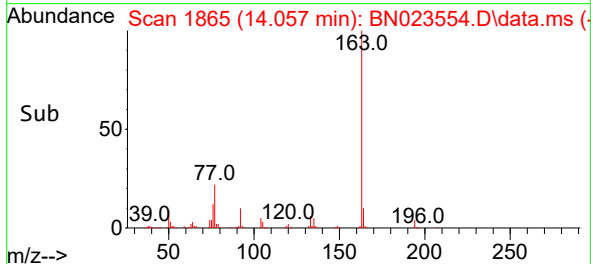
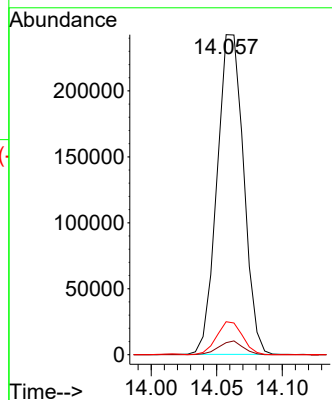
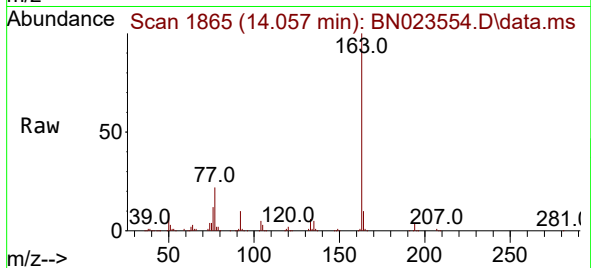
Tgt Ion:163 Resp: 341425

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 8.942 ng/ul

RT: 14.187 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

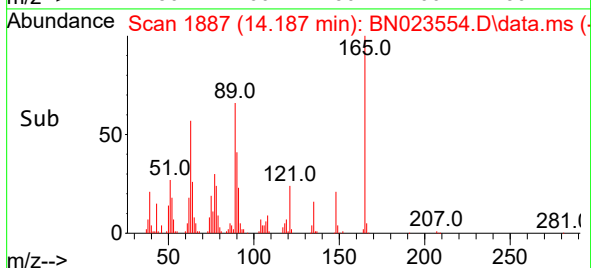
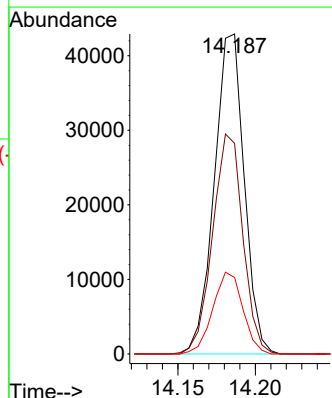
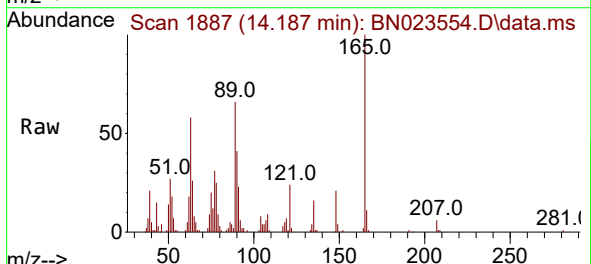
Tgt Ion:165 Resp: 57716

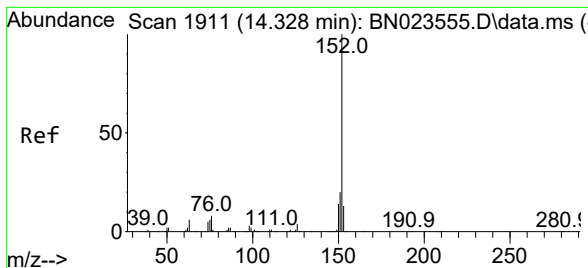
Ion Ratio Lower Upper

165 100

89 65.8 49.9 74.9

121 23.9 19.1 28.7

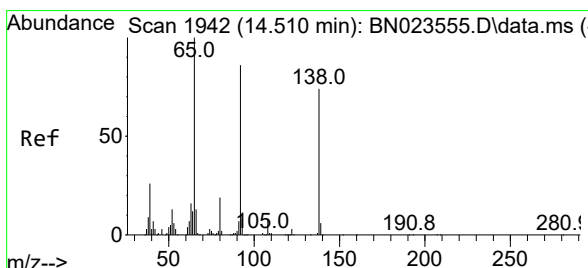
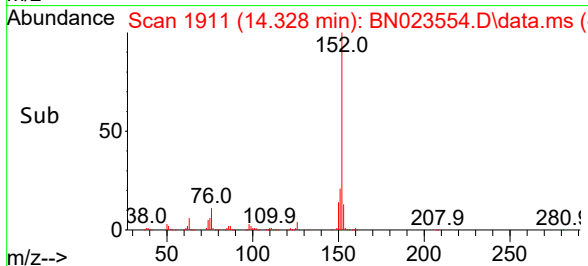
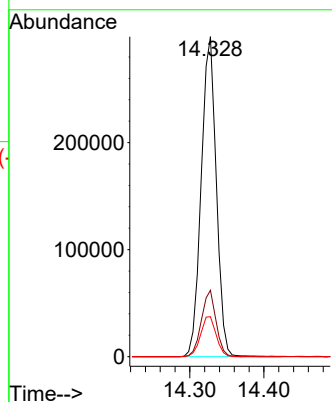
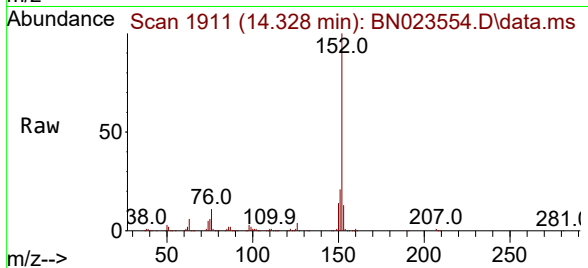




#50
Acenaphthylene
Concen: 10.372 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

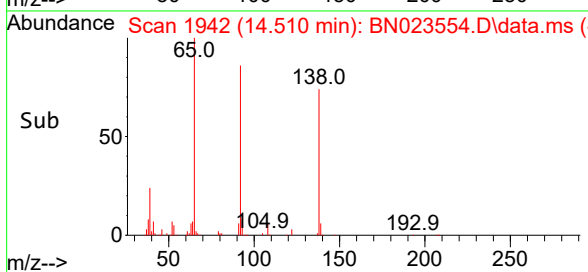
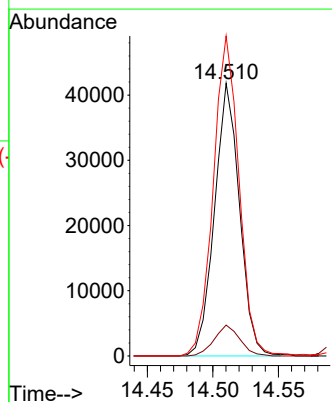
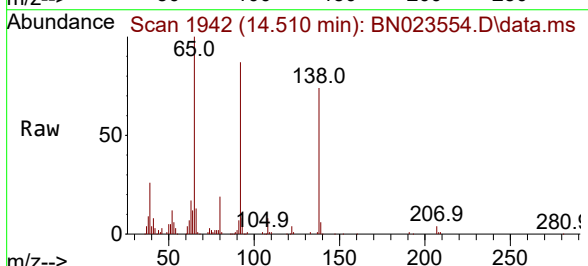
Instrument :
BNA_N
ClientSampleId :
SSTD010218

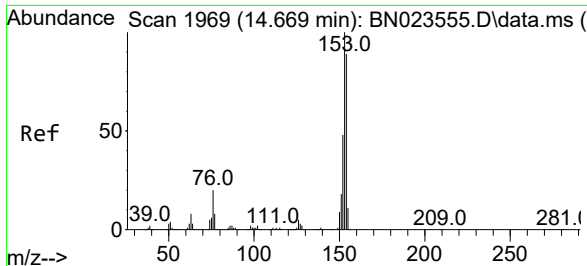
Tgt Ion:152 Resp: 422604
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 12.5 10.2 15.4



#51
3-Nitroaniline
Concen: 8.427 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:138 Resp: 55384
Ion Ratio Lower Upper
138 100
108 11.3 8.1 12.1
92 117.4 93.2 139.8

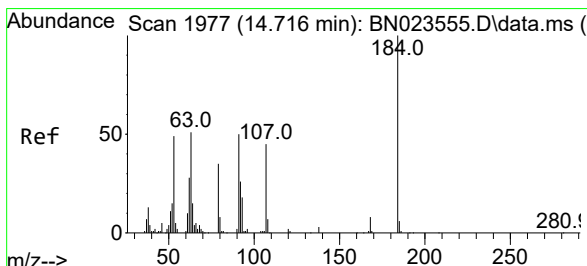
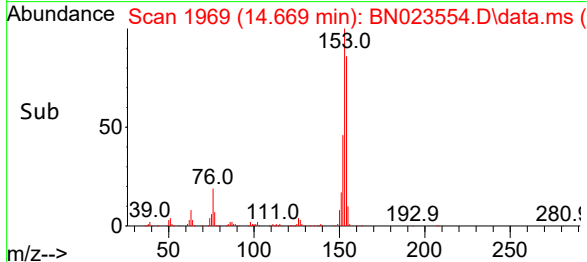
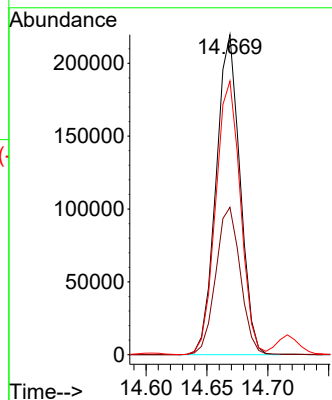
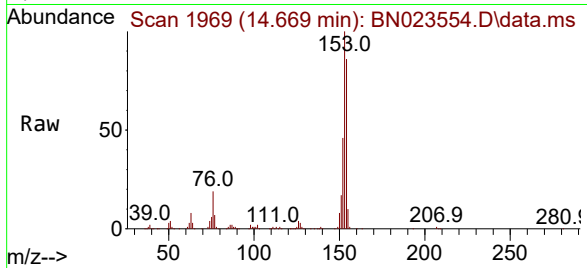




#52
Acenaphthene
Concen: 10.610 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

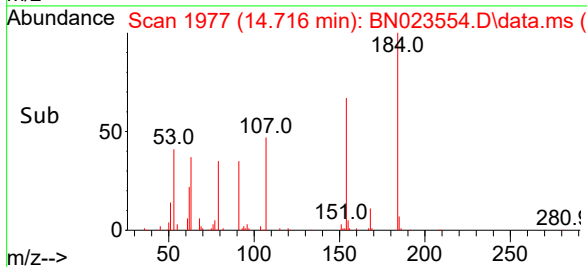
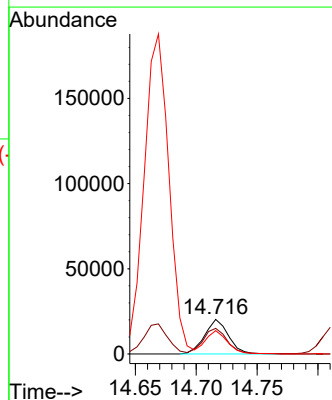
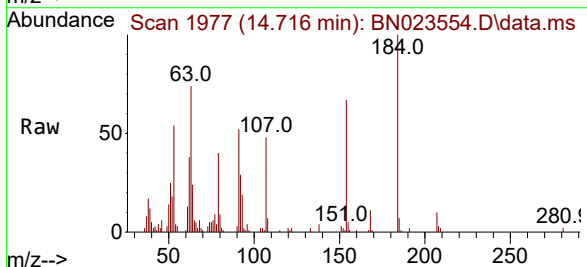
Instrument :
BNA_N
ClientSampleId :
SSTD010218

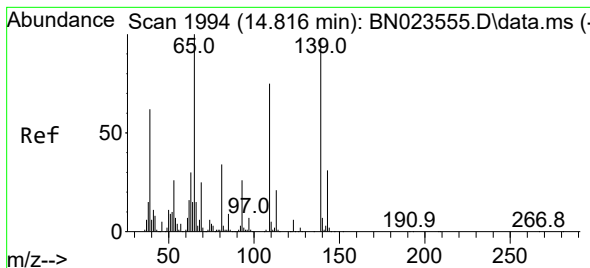
Tgt Ion:153 Resp: 300538
Ion Ratio Lower Upper
153 100
152 46.1 38.5 57.7
154 85.5 71.5 107.3



#53
2,4-Dinitrophenol
Concen: 6.721 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:184 Resp: 27645
Ion Ratio Lower Upper
184 100
63 74.0 58.2 87.4
154 67.3 49.4 74.0

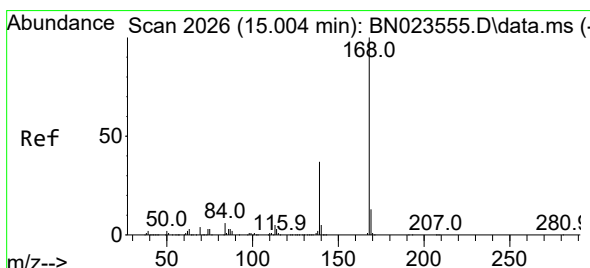
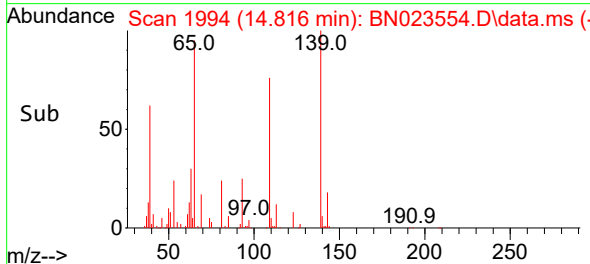
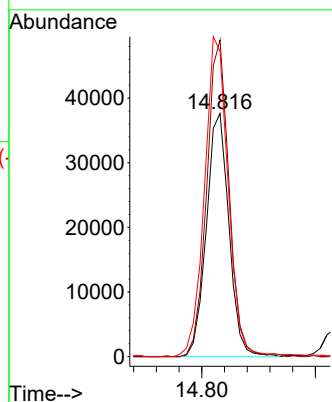
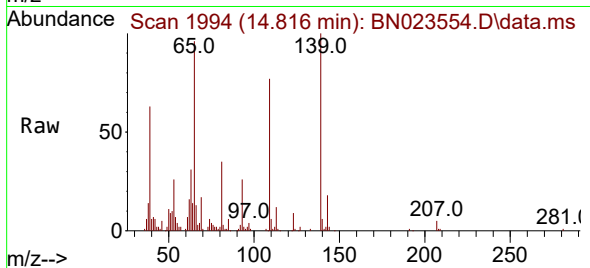




#55
4-Nitrophenol
Concen: 9.493 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

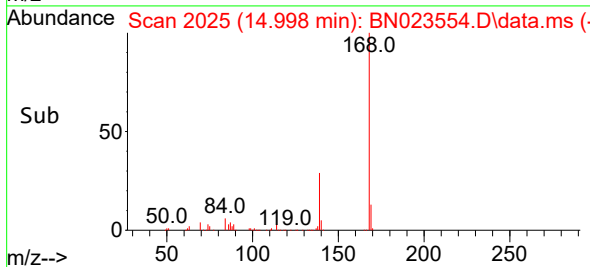
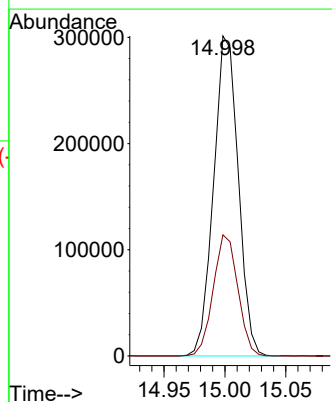
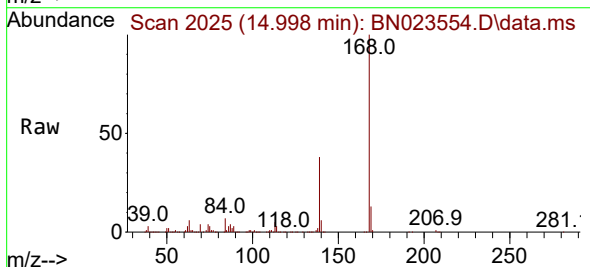
Instrument :
BNA_N
ClientSampleId :
SSTD010218

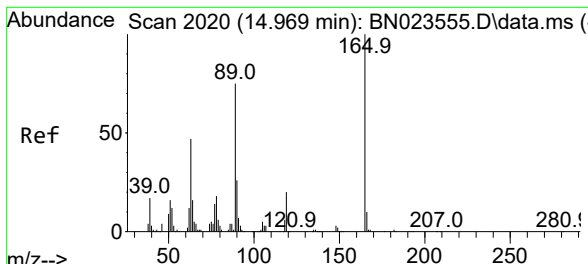
Tgt Ion:109 Resp: 51809
Ion Ratio Lower Upper
109 100
139 130.2 104.8 157.2
65 125.6 107.3 160.9



#56
Dibenzofuran
Concen: 10.756 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:168 Resp: 424222
Ion Ratio Lower Upper
168 100
139 37.9 29.6 44.4

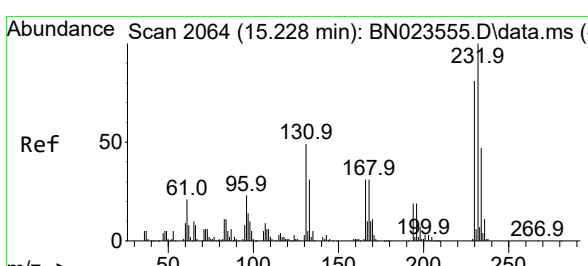
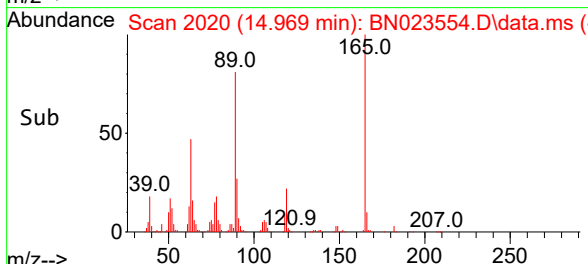
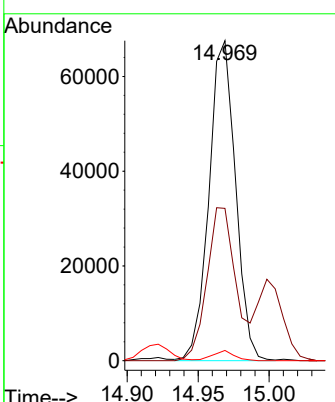
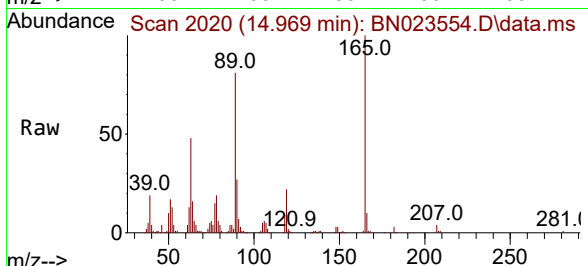




#57
 2,4-Dinitrotoluene
 Concen: 9.213 ng/ul
 RT: 14.969 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: BN023554.D
 Acq: 04 Jan 2023 15:57

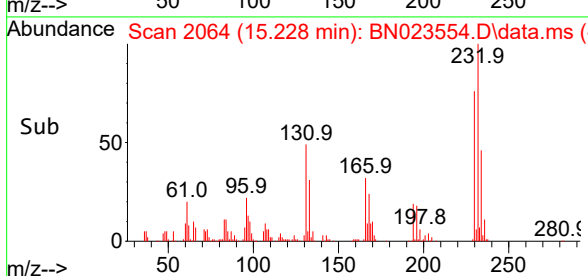
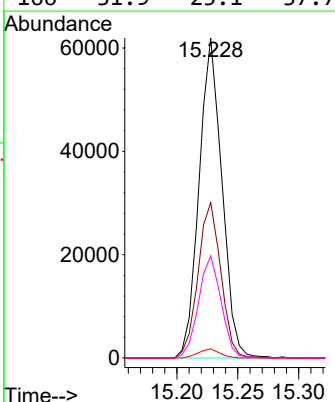
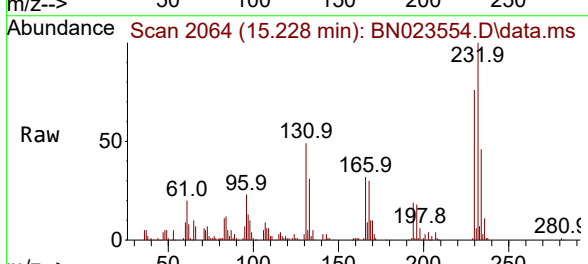
Instrument :
 BNA_N
 ClientSampleId :
 SST010218

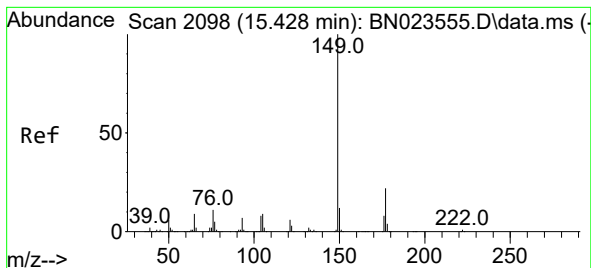
Tgt Ion:	165	Resp:	87786
Ion Ratio	Lower	Upper	
165	100		
63	47.6	37.2	55.8
182	3.2	2.2	3.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.836 ng/ul
 RT: 15.228 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: BN023554.D
 Acq: 04 Jan 2023 15:57

Tgt Ion:	232	Resp:	80843
Ion Ratio	Lower	Upper	
232	100		
131	48.6	39.5	59.3
130	2.9	2.2	3.4
166	31.9	25.1	37.7





#59

Diethylphthalate

Concen: 10.216 ng/ul

RT: 15.422 min Scan# 2098

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

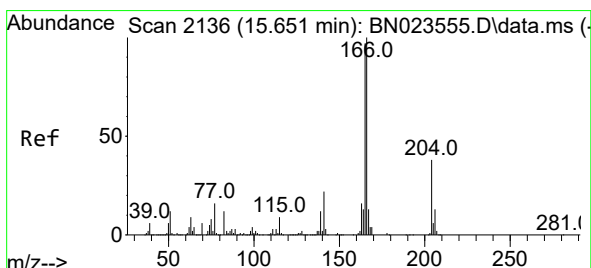
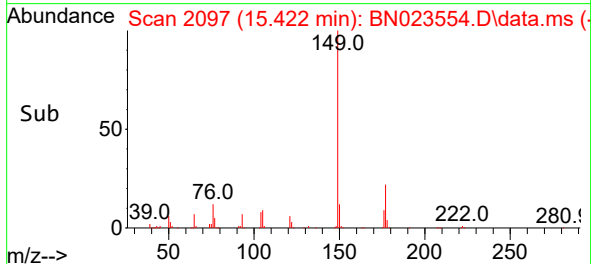
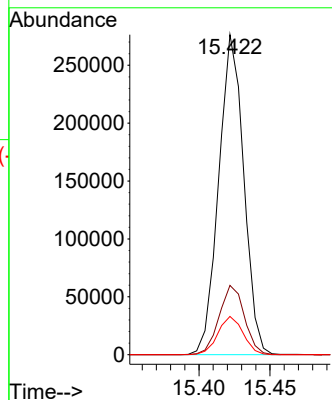
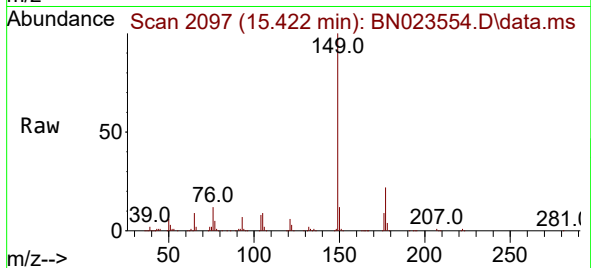
Tgt Ion:149 Resp: 338823

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

150 12.0 9.9 14.9



#61

Fluorene

Concen: 10.917 ng/ul

RT: 15.651 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

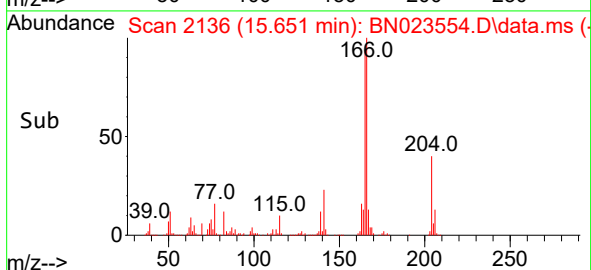
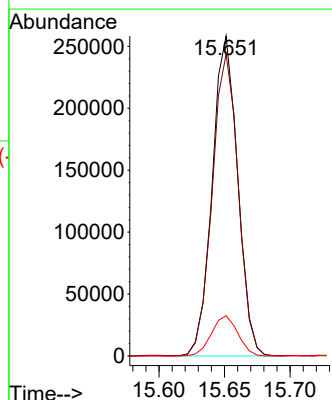
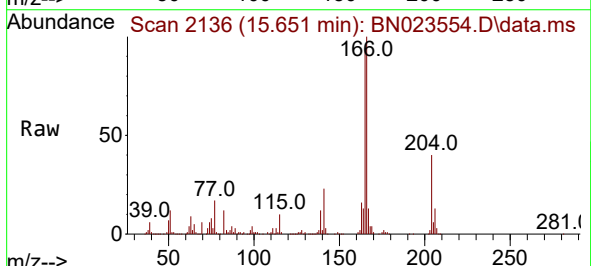
Tgt Ion:166 Resp: 348681

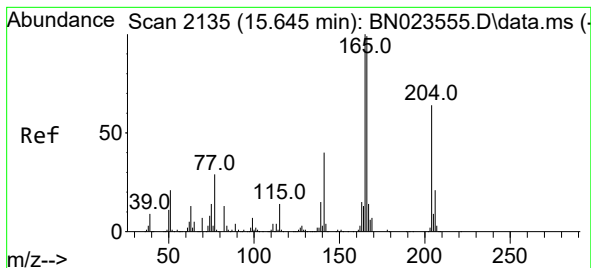
Ion Ratio Lower Upper

166 100

165 94.3 77.8 116.6

167 12.6 10.4 15.6

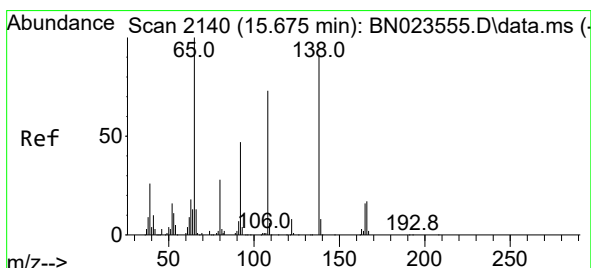
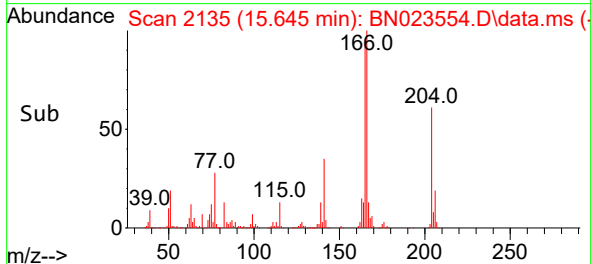
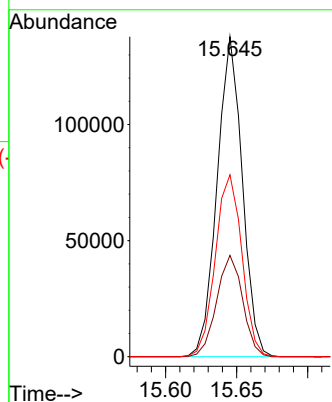
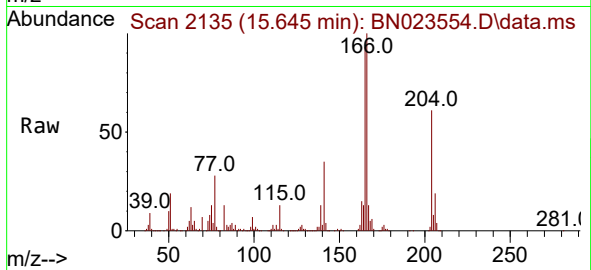




#62
4-Chlorophenyl-phenylether
Concen: 11.103 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

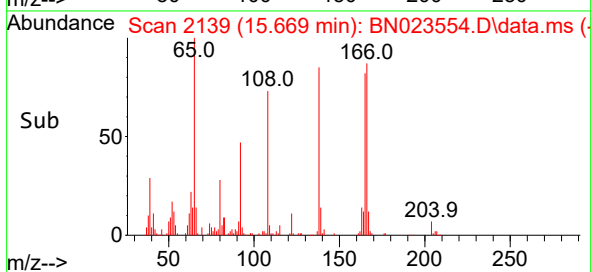
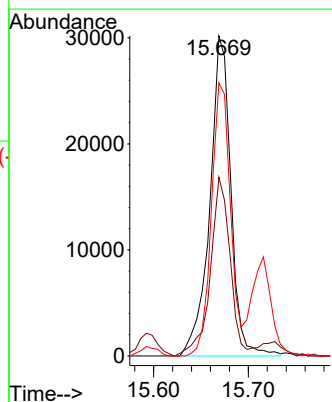
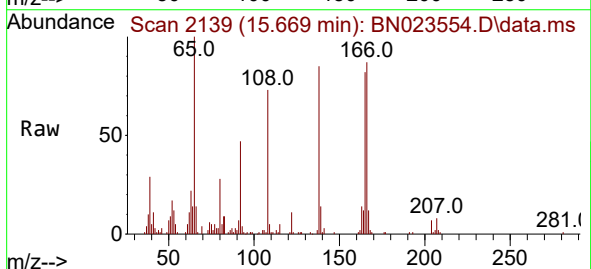
Instrument :
BNA_N
ClientSampleId :
SSTD010218

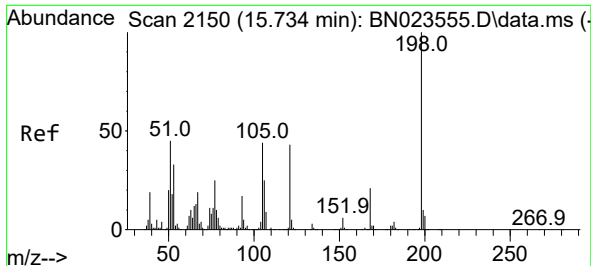
Tgt Ion:204 Resp: 169963
Ion Ratio Lower Upper
204 100
206 31.7 27.0 40.6
141 56.8 51.0 76.4



#63
4-Nitroaniline
Concen: 7.296 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:138 Resp: 46697
Ion Ratio Lower Upper
138 100
92 55.8 41.3 61.9
108 85.4 64.2 96.2

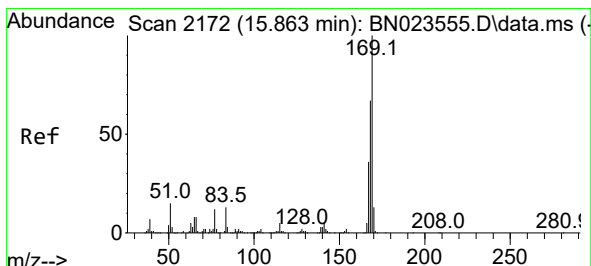
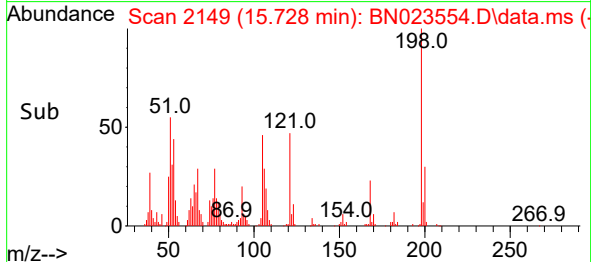
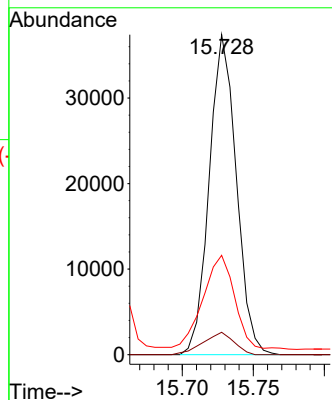
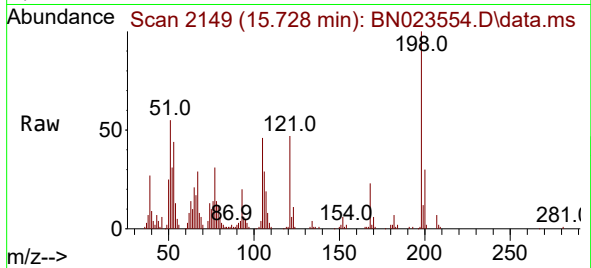




#66
4,6-Dinitro-2-methylphenol
Concen: 8.888 ng/ul
RT: 15.728 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

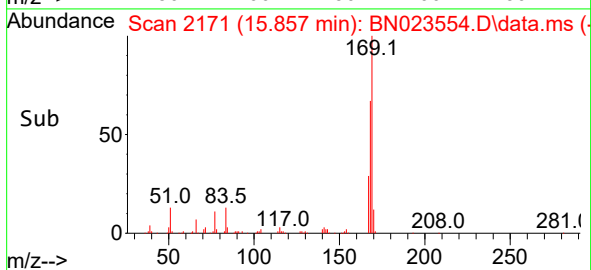
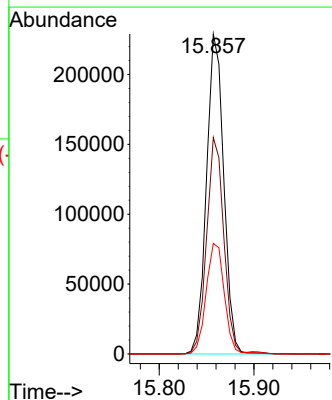
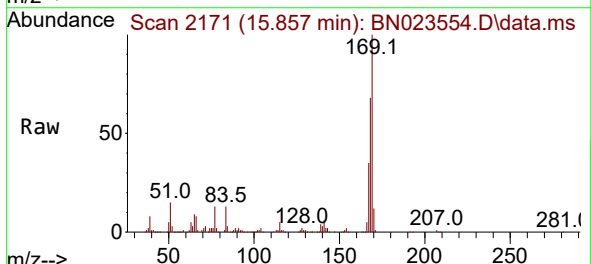
Instrument :
BNA_N
ClientSampleId :
SSTD010218

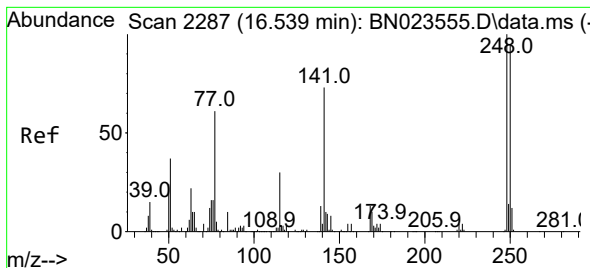
Tgt Ion:198 Resp: 49631
Ion Ratio Lower Upper
198 100
182 7.0 3.6 5.4#
77 31.1 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 10.764 ng/ul
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:169 Resp: 289464
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 34.5 29.0 43.4

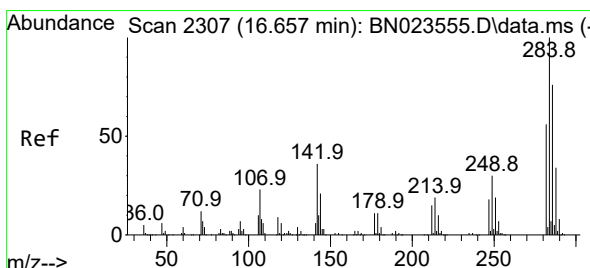
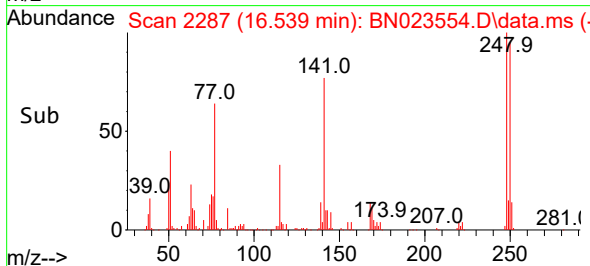
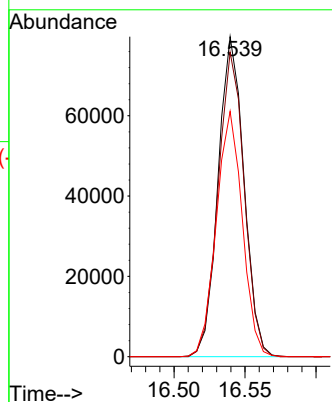
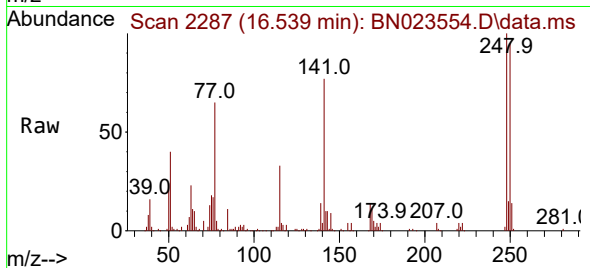




#68
4-Bromophenyl-phenylether
Concen: 10.741 ng/ul
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

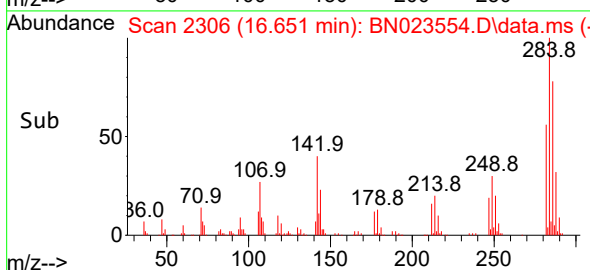
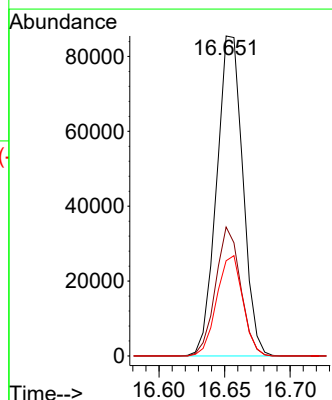
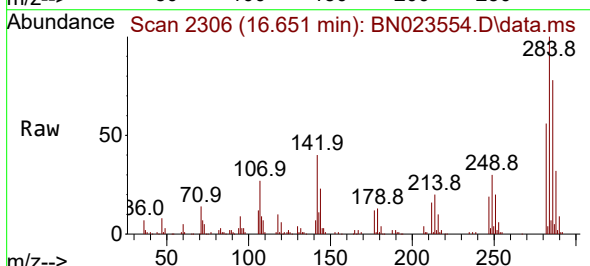
Instrument :
BNA_N
ClientSampleId :
SSTD010218

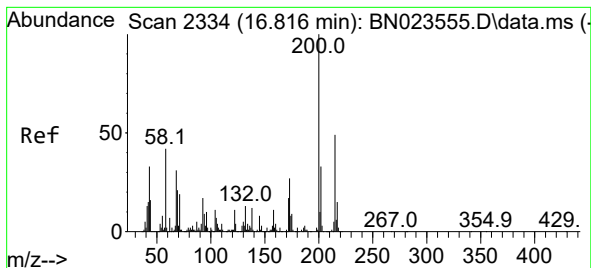
Tgt Ion:248 Resp: 100701
Ion Ratio Lower Upper
248 100
250 95.1 76.4 114.6
141 76.7 58.0 87.0



#69
Hexachlorobenzene
Concen: 10.825 ng/ul
RT: 16.651 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:284 Resp: 118664
Ion Ratio Lower Upper
284 100
142 40.3 28.9 43.3
249 29.7 24.2 36.2





#70

Atrazine

Concen: 10.133 ng/ul

RT: 16.810 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

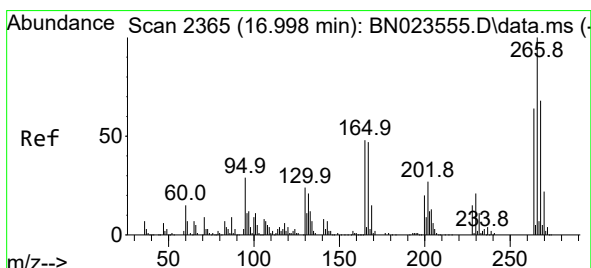
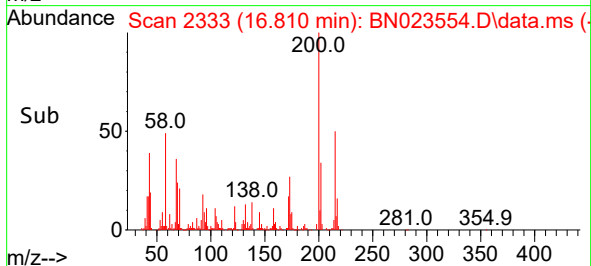
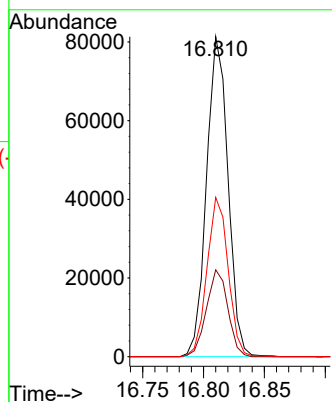
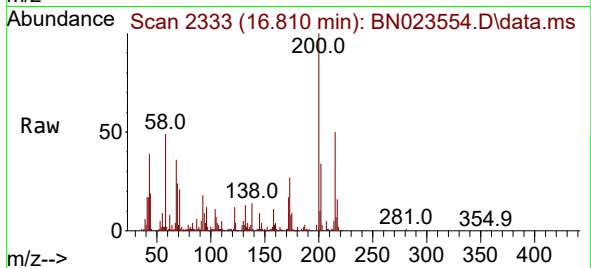
Tgt Ion:200 Resp: 99576

Ion Ratio Lower Upper

200 100

173 27.2 21.4 32.2

215 49.8 39.0 58.6



#71

Pentachlorophenol

Concen: 8.903 ng/ul

RT: 16.998 min Scan# 2365

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

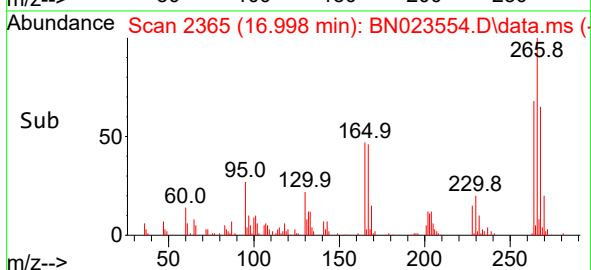
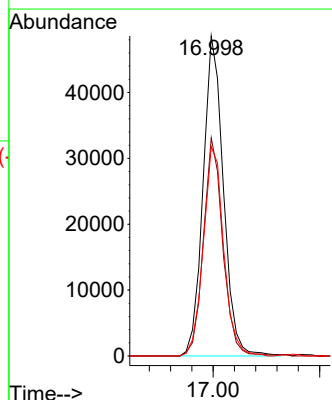
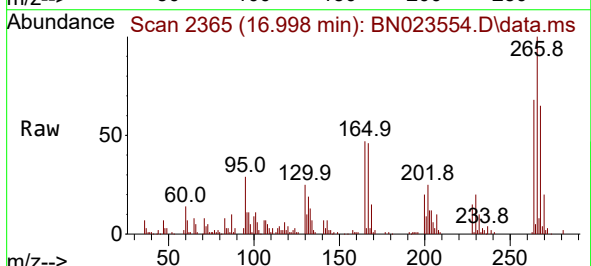
Tgt Ion:266 Resp: 64438

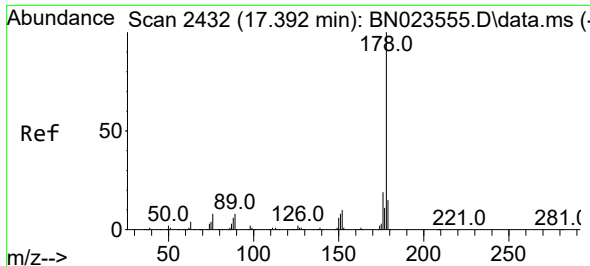
Ion Ratio Lower Upper

266 100

264 68.1 51.4 77.0

268 65.4 54.5 81.7

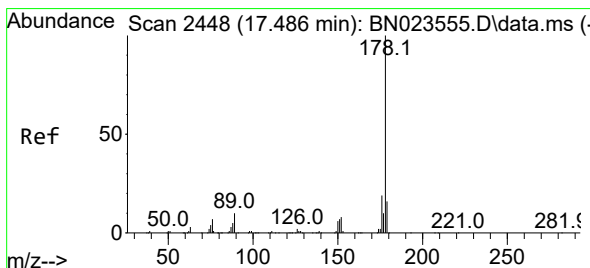
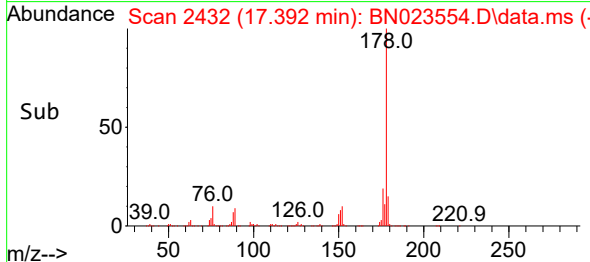
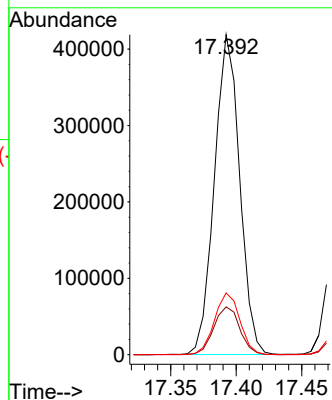
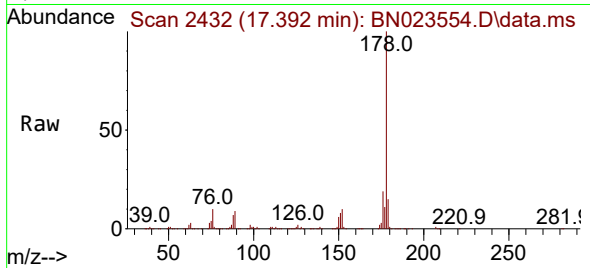




#72
Phenanthrene
Concen: 10.891 ng/ul
RT: 17.392 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

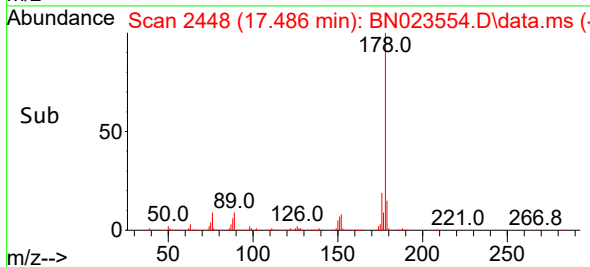
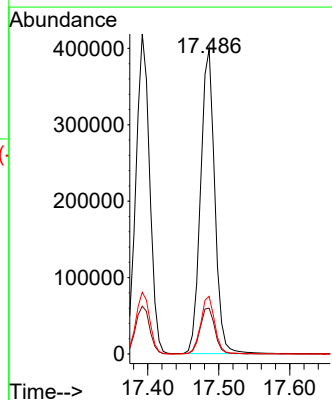
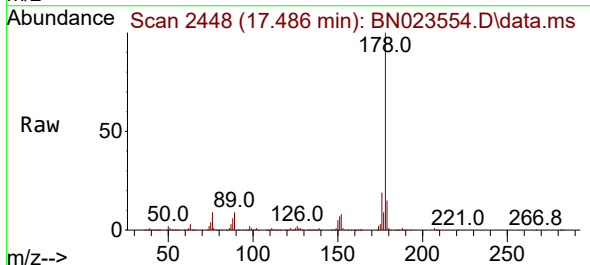
Instrument :
BNA_N
ClientSampleId :
SSTD010218

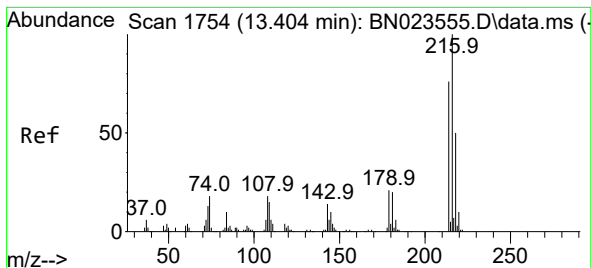
Tgt Ion:178 Resp: 559947
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 19.3 15.2 22.8



#74
Anthracene
Concen: 10.810 ng/ul
RT: 17.486 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN023554.D
Acq: 04 Jan 2023 15:57

Tgt Ion:178 Resp: 554557
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 18.9 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 10.949 ng/uL

RT: 13.404 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

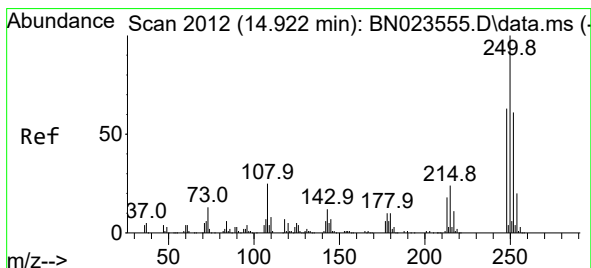
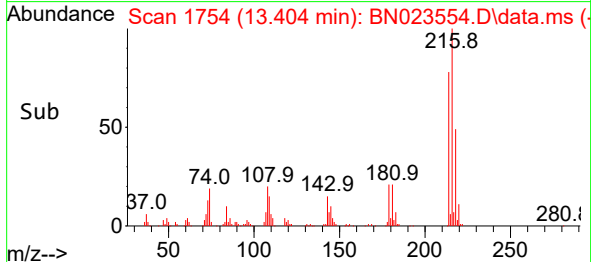
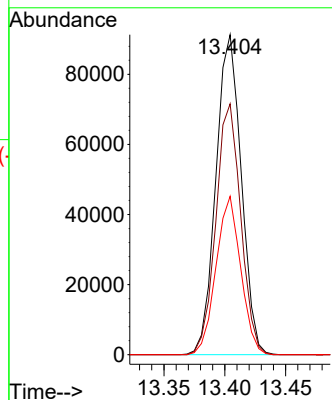
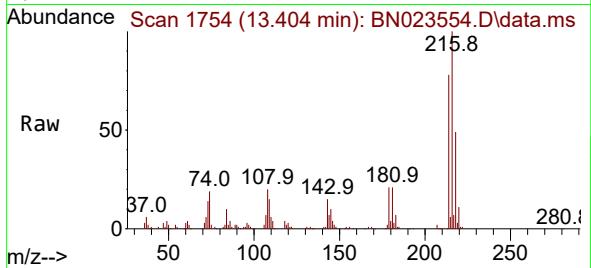
Tgt Ion:216 Resp: 132301

Ion Ratio Lower Upper

216 100

214 78.4 61.0 91.4

218 49.5 39.8 59.8



#76

Pentachlorobenzene

Concen: 11.204 ng/uL

RT: 14.922 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

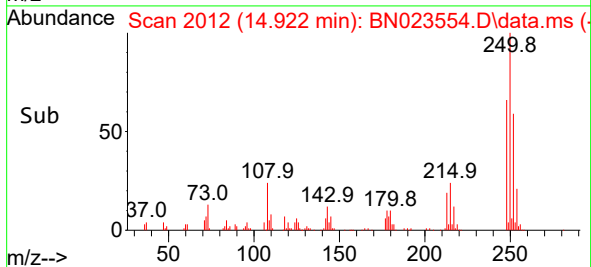
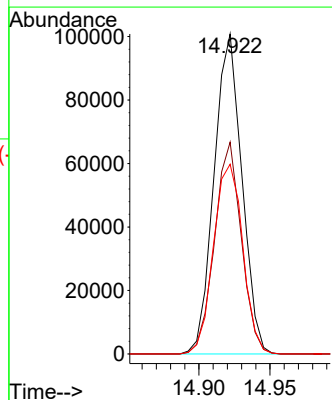
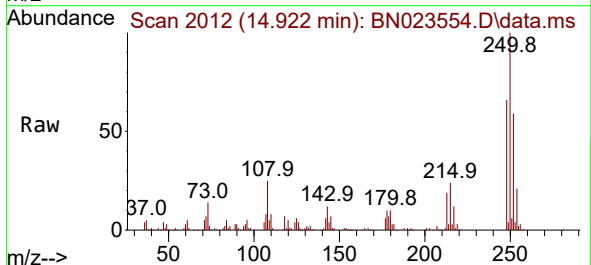
Tgt Ion:250 Resp: 137185

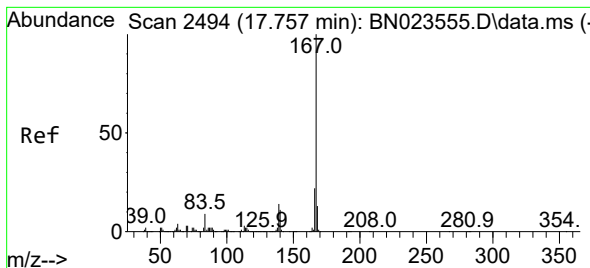
Ion Ratio Lower Upper

250 100

248 66.2 50.3 75.5

252 59.3 48.9 73.3





#77

Carbazole

Concen: 10.579 ng/ul

RT: 17.757 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

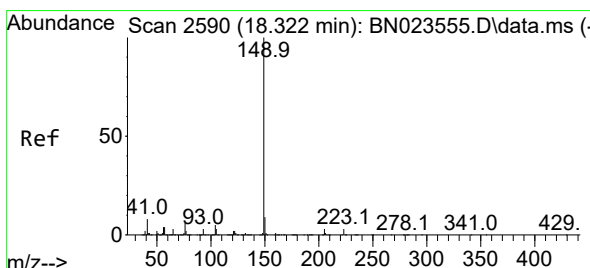
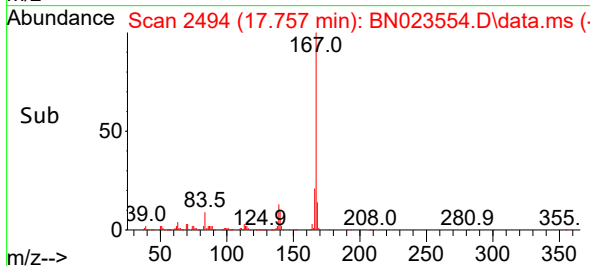
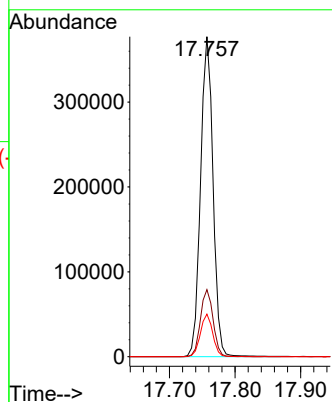
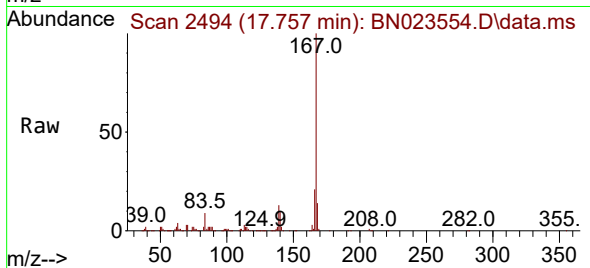
Tgt Ion:167 Resp: 499760

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.2

139 13.3 11.0 16.6



#78

Di-n-butylphthalate

Concen: 10.187 ng/ul

RT: 18.322 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

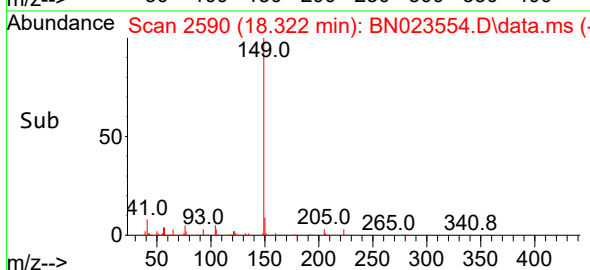
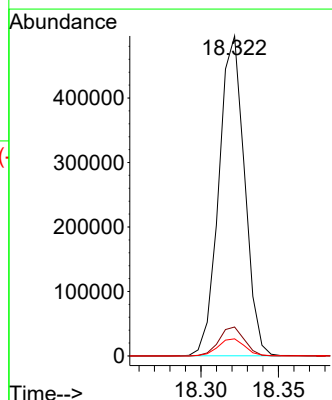
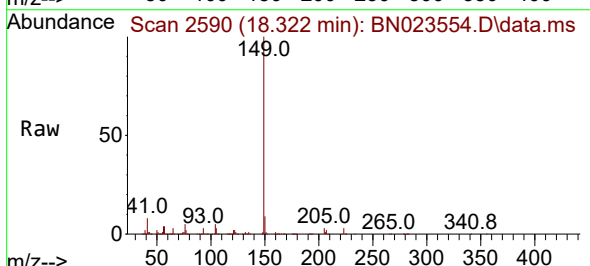
Tgt Ion:149 Resp: 571373

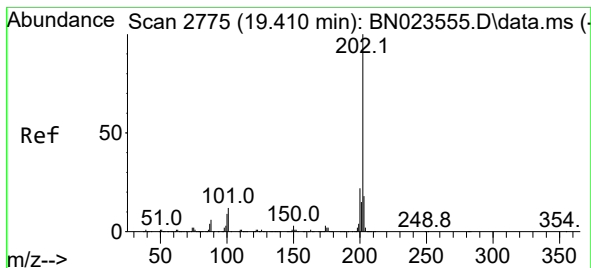
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.4 4.3 6.5





#80

Fluoranthene

Concen: 10.474 ng/ul

RT: 19.410 min Scan# 2775

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

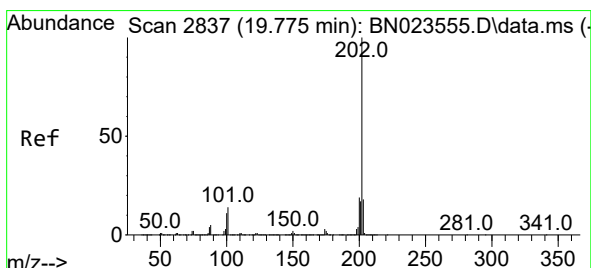
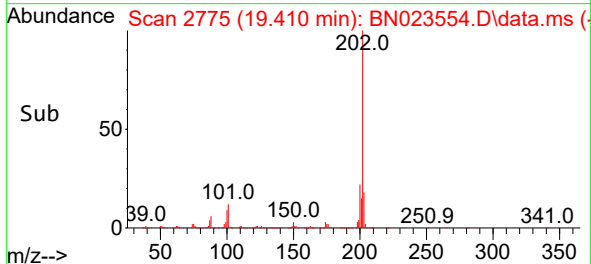
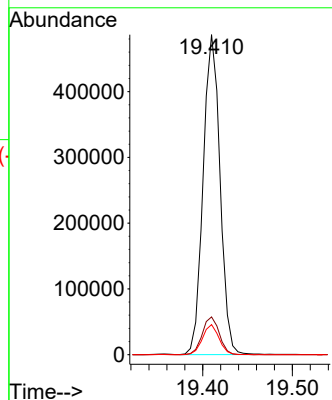
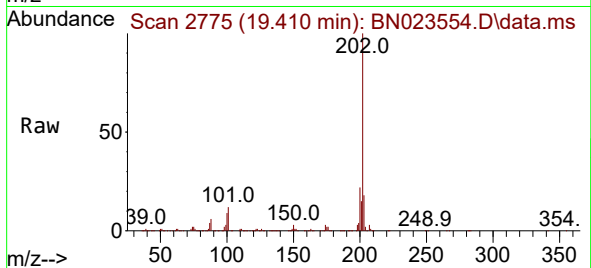
Tgt Ion:202 Resp: 636092

Ion Ratio Lower Upper

202 100

101 11.8 9.5 14.3

100 9.4 7.3 10.9



#82

Pyrene

Concen: 10.905 ng/ul

RT: 19.775 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

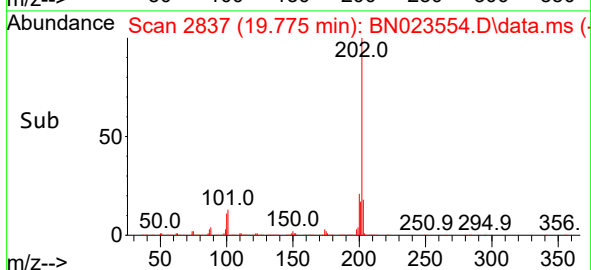
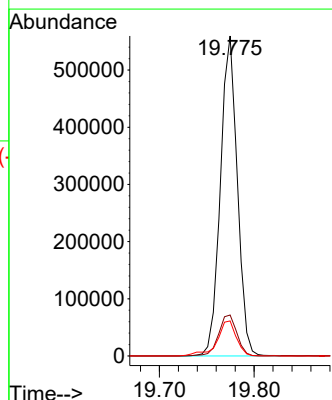
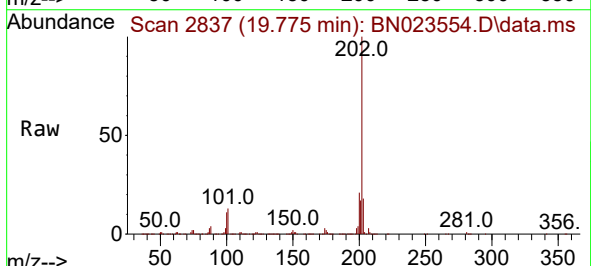
Tgt Ion:202 Resp: 695704

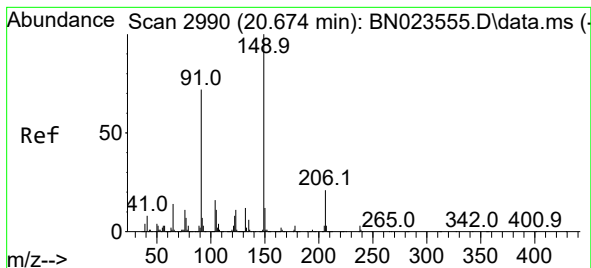
Ion Ratio Lower Upper

202 100

101 12.8 10.9 16.3

100 10.9 8.9 13.3





#83

Butylbenzylphthalate

Concen: 9.296 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

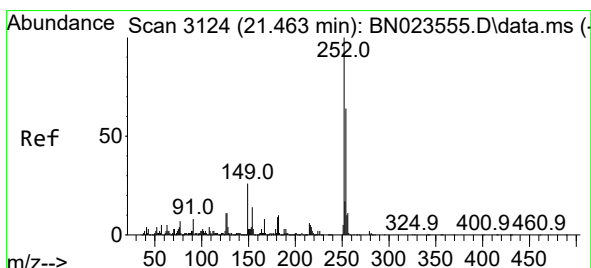
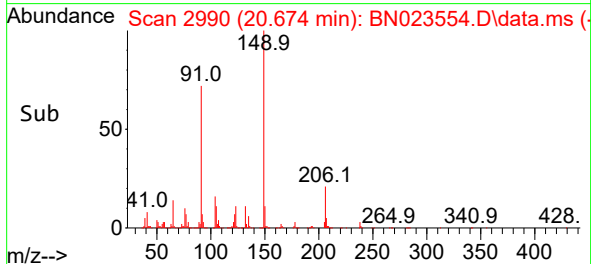
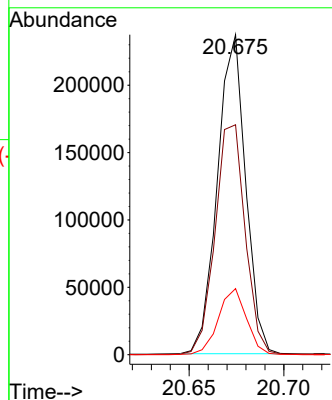
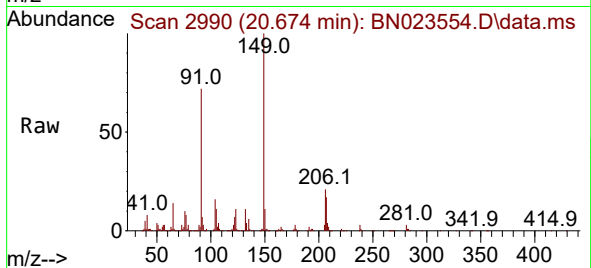
Tgt Ion:149 Resp: 245420

Ion Ratio Lower Upper

149 100

91 71.9 57.9 86.9

206 20.6 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 9.603 ng/ul

RT: 21.457 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

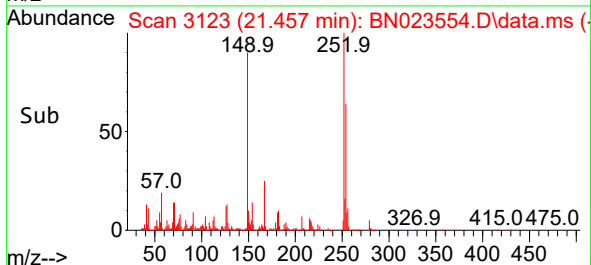
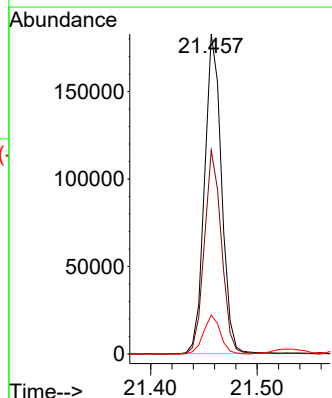
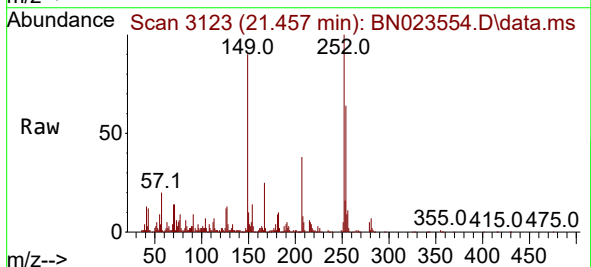
Tgt Ion:252 Resp: 202568

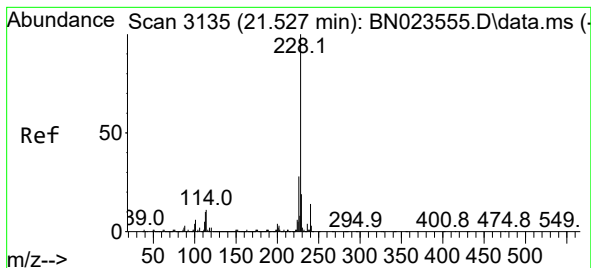
Ion Ratio Lower Upper

252 100

254 63.6 51.2 76.8

126 12.2 8.8 13.2





#85

Benzo(a)anthracene

Concen: 10.303 ng/ul

RT: 21.522 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

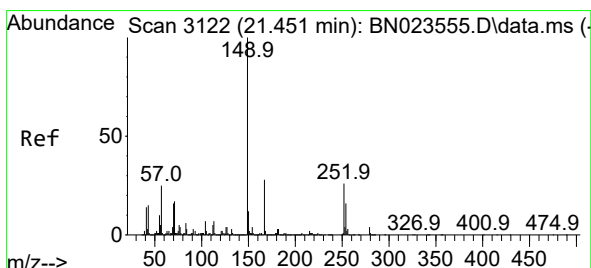
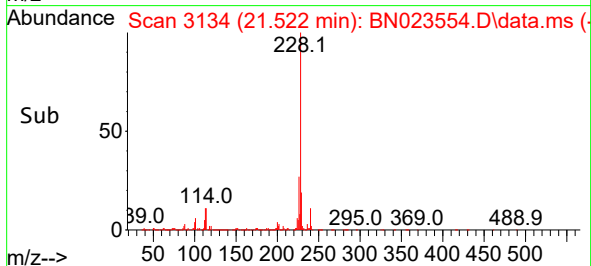
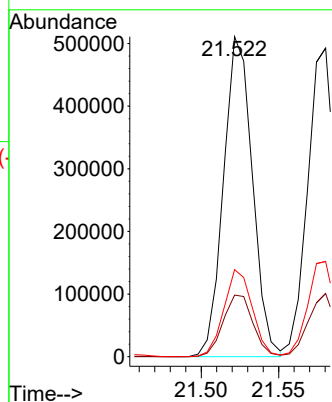
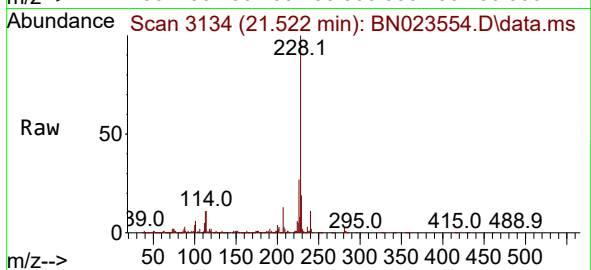
Tgt Ion:228 Resp: 662635

Ion Ratio Lower Upper

228 100

229 19.3 15.0 22.4

226 27.2 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 9.784 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

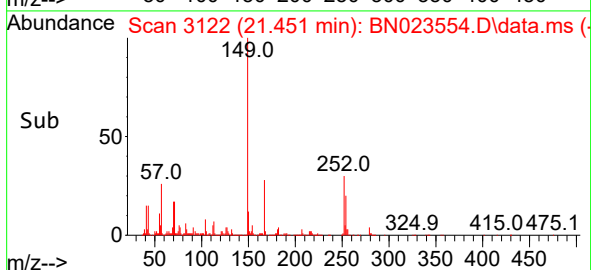
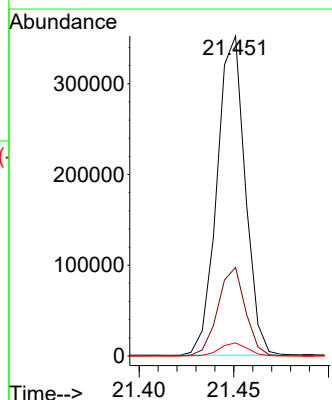
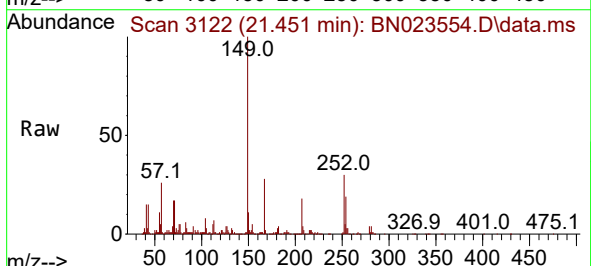
Tgt Ion:149 Resp: 365222

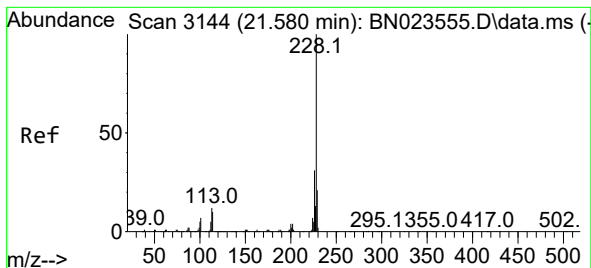
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.1 3.4 5.2





#87

Chrysene

Concen: 10.211 ng/ul

RT: 21.580 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

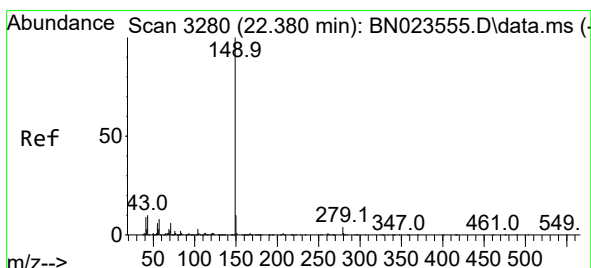
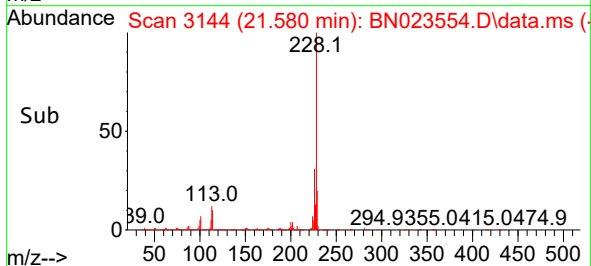
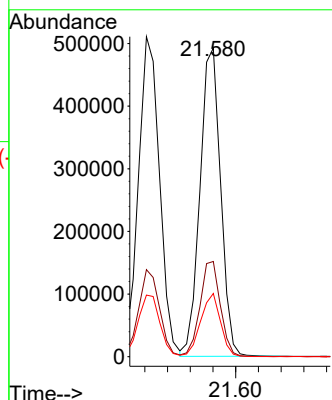
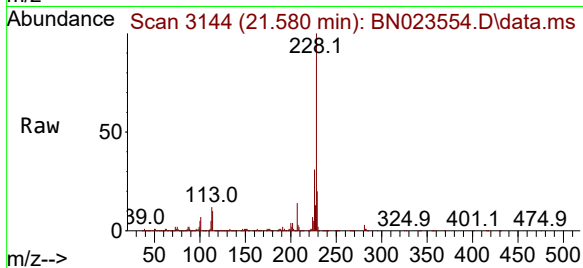
Tgt Ion:228 Resp: 619717

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 20.5 16.8 25.2



#89

Di-n-octyl phthalate

Concen: 10.090 ng/ul

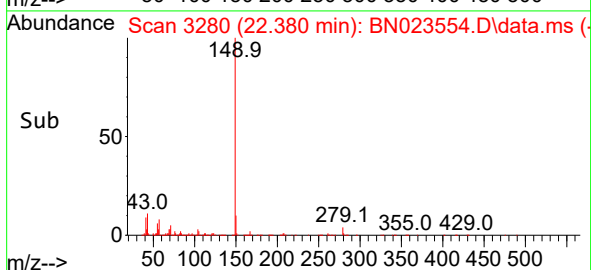
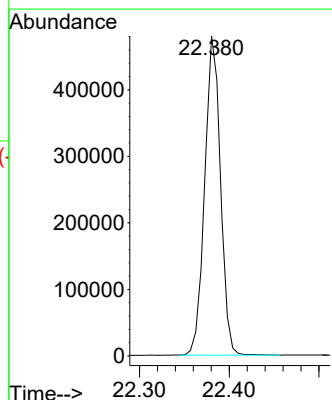
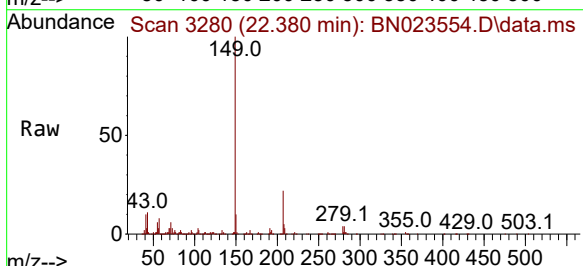
RT: 22.380 min Scan# 3280

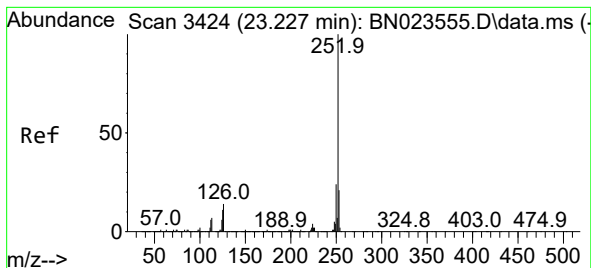
Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Tgt Ion:149 Resp: 585359





#90

Benzo(b)fluoranthene

Concen: 10.712 ng/ul

RT: 23.221 min Scan# 3424

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

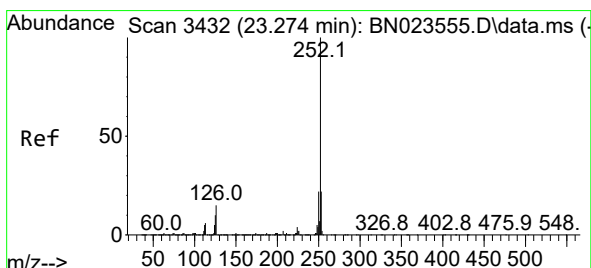
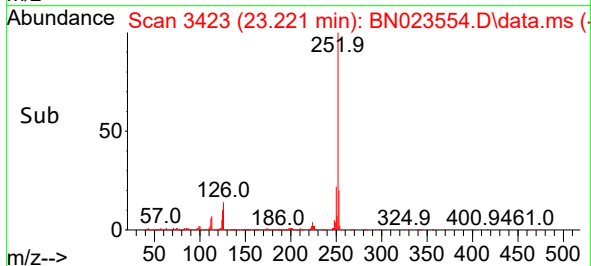
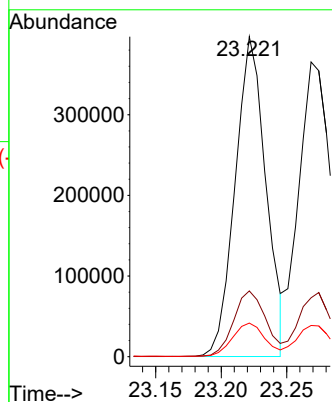
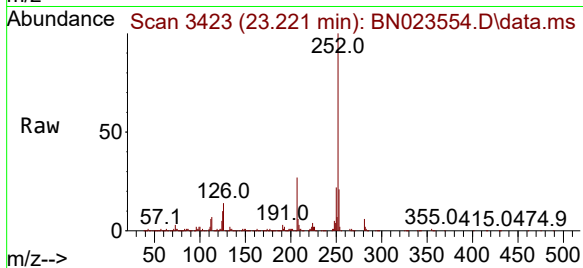
Tgt Ion:252 Resp: 647271

Ion Ratio Lower Upper

252 100

253 20.6 17.2 25.8

125 10.5 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 11.154 ng/ul

RT: 23.268 min Scan# 3431

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

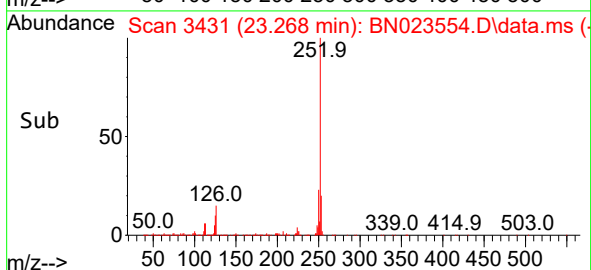
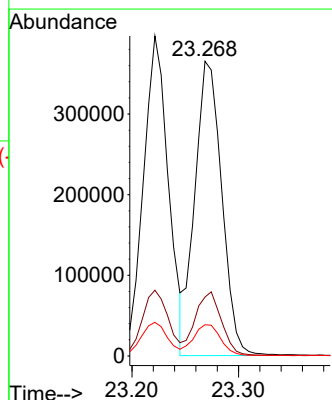
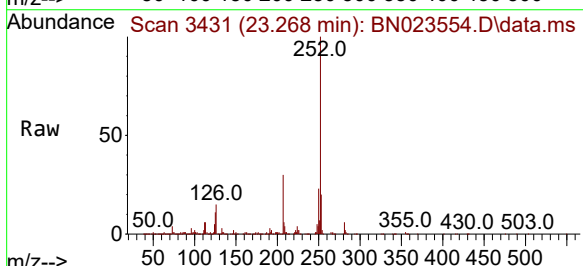
Tgt Ion:252 Resp: 641373

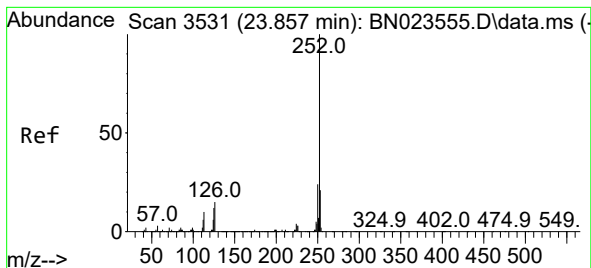
Ion Ratio Lower Upper

252 100

253 20.0 17.8 26.8

125 10.6 8.6 12.8





#93

Benzo(a)pyrene

Concen: 10.672 ng/ul

RT: 23.857 min Scan# 3531

Delta R.T. 0.000 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

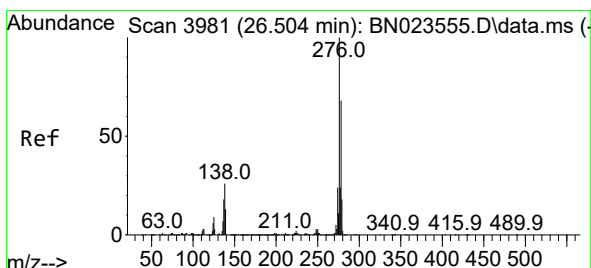
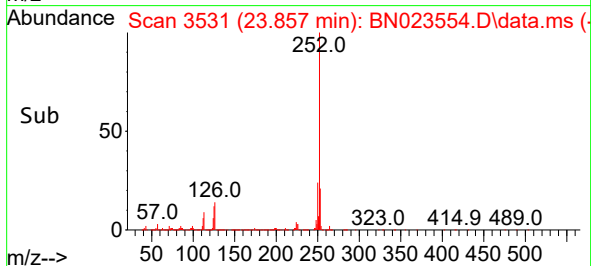
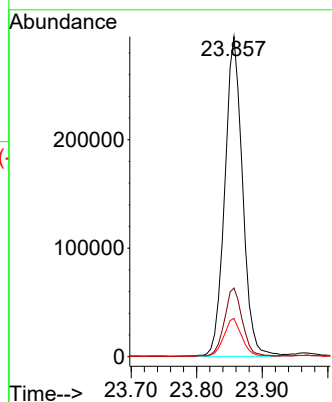
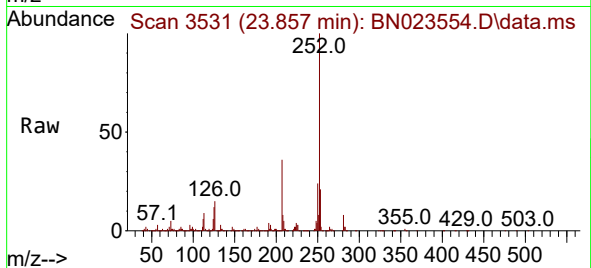
Tgt Ion:252 Resp: 554170

Ion Ratio Lower Upper

252 100

253 21.5 16.6 25.0

125 11.9 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.254 ng/ul

RT: 26.498 min Scan# 3980

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

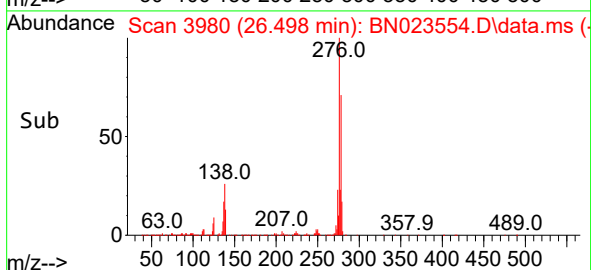
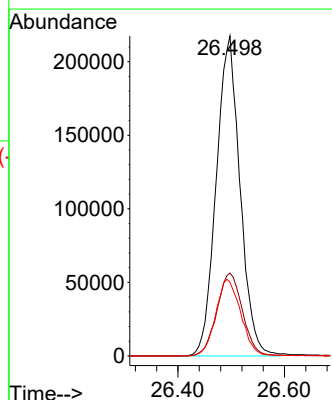
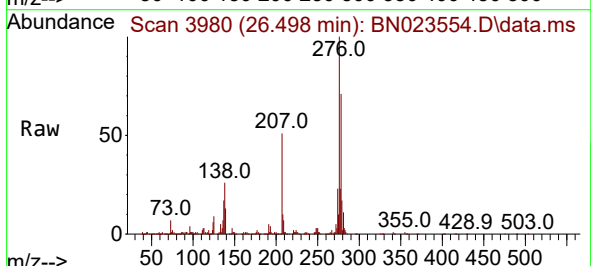
Tgt Ion:276 Resp: 674568

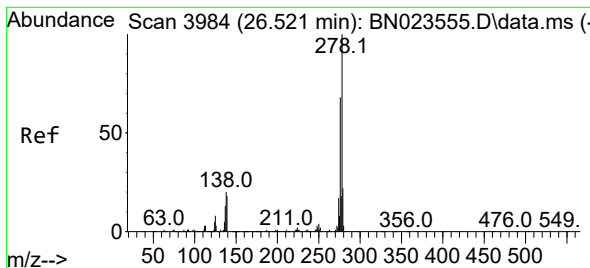
Ion Ratio Lower Upper

276 100

138 25.9 20.6 30.8

277 23.0 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 10.342 ng/ul

RT: 26.515 min Scan# 3983

Delta R.T. -0.006 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Instrument :

BNA_N

ClientSampleId :

SSTD010218

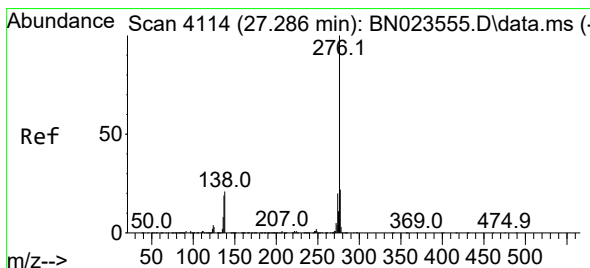
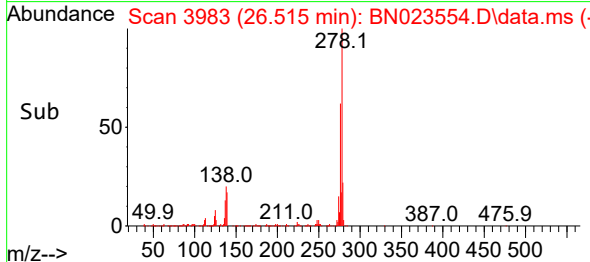
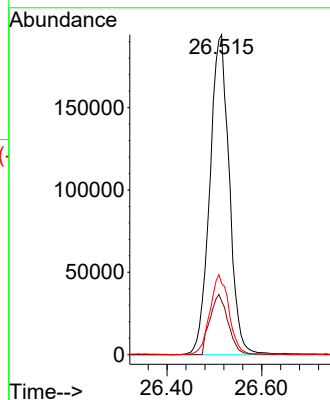
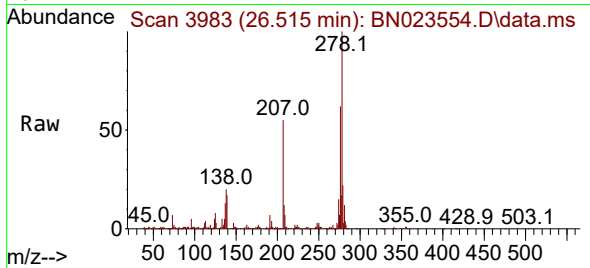
Tgt Ion:278 Resp: 554726

Ion Ratio Lower Upper

278 100

139 16.7 14.1 21.1

279 22.2 18.0 27.0



#96

Benzo(g,h,i)perylene

Concen: 10.428 ng/ul

RT: 27.268 min Scan# 4111

Delta R.T. -0.018 min

Lab File: BN023554.D

Acq: 04 Jan 2023 15:57

Tgt Ion:276 Resp: 542756

Ion Ratio Lower Upper

276 100

138 22.0 17.0 25.6

277 23.2 17.6 26.4

