

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031651.D
 Acq On : 24 May 2024 08:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020261

Quant Time: May 24 22:40:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	585093	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2383641	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1278021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2093777	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1734439	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	2152114	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	115682	7.837	ng/uL	0.00
4) Pyridine-d5	3.599	84	826984	20.076	ng/u1	0.00
7) Phenol-d5	6.852	99	981404	20.376	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	587527	20.339	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	756657	20.388	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	754777	20.243	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	363989	20.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	348255	20.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	678845	20.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	952995	19.628	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1670509	20.741	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2093888	20.743	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	277328	18.198	ng/u1	0.00
60) Fluorene-d10	15.322	176	1390929	19.928	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	153541	16.962	ng/u1	0.00
73) Anthracene-d10	17.169	188	1837826	20.735	ng/u1	0.00
81) Pyrene-d10	19.463	212	1900760	17.471	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2056974	20.305	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	123874	7.964	ng/uL	97
5) Pyridine	3.622	79	824225	20.330	ng/u1	97
6) Benzaldehyde	6.840	77	557320	22.591	ng/u1	97
8) Phenol	6.881	94	995882	20.119	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.122	93	843051	20.523	ng/u1	97
12) 2-Chlorophenol	7.252	128	778793	20.009	ng/u1	98
13) 2-Methylphenol	8.122	108	748575	20.188	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	959572	20.223	ng/u1	99
16) Acetophenone	8.510	105	1183843	20.355	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	574140	19.216	ng/u1	99
18) 4-Methylphenol	8.452	108	793647	20.139	ng/u1	97
19) Hexachloroethane	8.757	117	330501	19.874	ng/u1	99
22) Nitrobenzene	8.887	77	903665	20.449	ng/u1	96
23) Isophorone	9.410	82	1631630	19.410	ng/u1	99
25) 2-Nitrophenol	9.593	139	391240	20.377	ng/u1	98
26) 2,4-Dimethylphenol	9.651	107	780146	19.891	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.893	93	1045056	19.502	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	666303	19.954	ng/u1	96
30) Naphthalene	10.522	128	2452384	19.991	ng/u1	99
32) 4-Chloroaniline	10.634	127	937184	19.782	ng/u1	97
33) Hexachlorobutadiene	10.804	225	418185	20.466	ng/u1	100
34) Caprolactam	11.398	113	196932	18.210	ng/u1	97
35) 4-Chloro-3-methylphenol	11.757	107	702239	19.365	ng/u1	94
36) 2-Methylnaphthalene	12.140	142	1585362	19.748	ng/u1	98

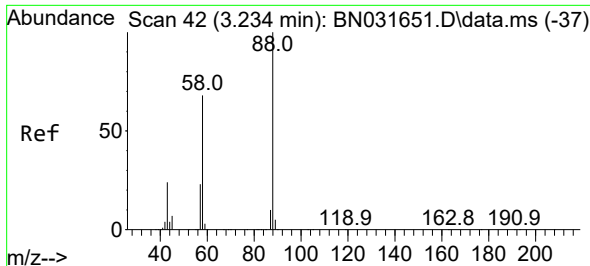
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1566428	19.712	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	761255	21.047	ng/ul	97
40) Hexachlorocyclopentadiene	12.487	237	357504	16.489	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	456650	20.431	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	498968	20.623	ng/ul	93
43) 1,1'-Biphenyl	13.157	154	1931095	20.959	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	1520679	20.844	ng/ul	98
45) 2-Nitroaniline	13.404	65	388875	20.361	ng/ul	98
47) Dimethylphthalate	13.787	163	1686138	20.516	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	320332	20.452	ng/ul	97
50) Acenaphthylene	14.045	152	2398273	20.581	ng/ul	99
51) 3-Nitroaniline	14.234	138	357301	20.098	ng/ul	98
52) Acenaphthene	14.392	153	1541658	20.419	ng/ul	95
53) 2,4-Dinitrophenol	14.439	184	103113	14.336	ng/ul	98
55) 4-Nitrophenol	14.534	109	213458	18.590	ng/ul	96
56) Dibenzofuran	14.728	168	2022823	20.069	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	425594	20.282	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	340143	19.353	ng/ul	100
59) Diethylphthalate	15.157	149	1592096	20.559	ng/ul	99
61) Fluorene	15.375	166	1600080	20.266	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	764434	20.112	ng/ul	96
63) 4-Nitroaniline	15.398	138	334652	20.989	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.451	198	174220	17.549	ng/ul	98
67) N-Nitrosodiphenylamine	15.586	169	1266819	20.553	ng/ul	96
68) 4-Bromophenyl-phenylether	16.269	248	446780	21.193	ng/ul	96
69) Hexachlorobenzene	16.375	284	483357	21.244	ng/ul	93
70) Atrazine	16.539	200	339056	20.439	ng/ul	99
71) Pentachlorophenol	16.716	266	259938	20.030	ng/ul	96
72) Phenanthrene	17.110	178	2191882	20.628	ng/ul	100
74) Anthracene	17.204	178	2262086	21.218	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	724270	21.759	ng/ul	97
76) Pentachlorobenzene	14.639	250	640226	21.242	ng/ul	97
77) Carbazole	17.475	167	1941591	21.342	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2274753	21.776	ng/ul	100
80) Fluoranthene	19.127	202	2249902	16.731	ng/ul	98
82) Pyrene	19.492	202	2343487	16.993	ng/ul	96
83) Butylbenzylphthalate	20.404	149	879675	18.795	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	659543	19.776	ng/ul	97
85) Benzo(a)anthracene	21.280	228	2402128	20.595	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1286948	20.082	ng/ul	98
87) Chrysene	21.345	228	2180361	20.238	ng/ul	97
89) Di-n-octyl phthalate	22.333	149	2123119	17.261	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2425511	19.313	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	2462851	19.238	ng/ul	98
93) Benzo(a)pyrene	24.098	252	2390846	19.818	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	2992281	20.667	ng/ul	97
95) Dibenzo(a,h)anthracene	27.598	278	2466085	20.683	ng/ul	98
96) Benzo(g,h,i)perylene	28.562	276	2406148	20.114	ng/ul	98

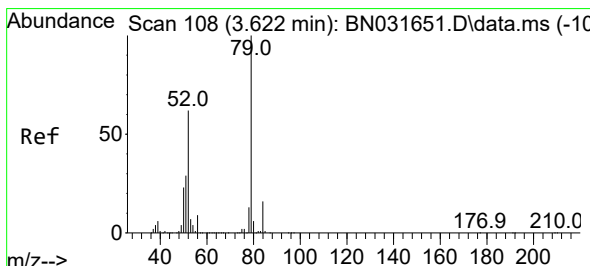
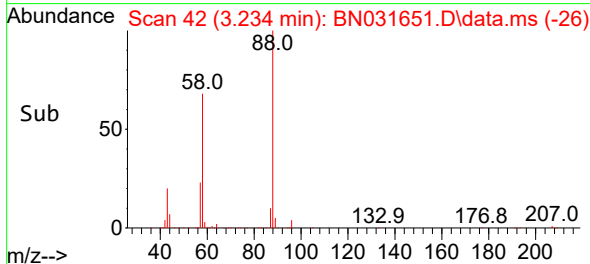
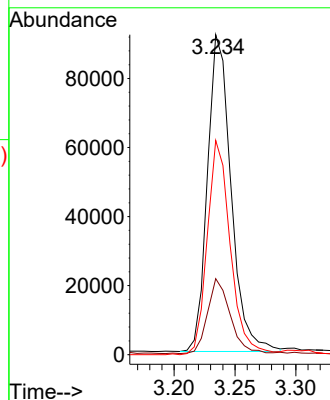
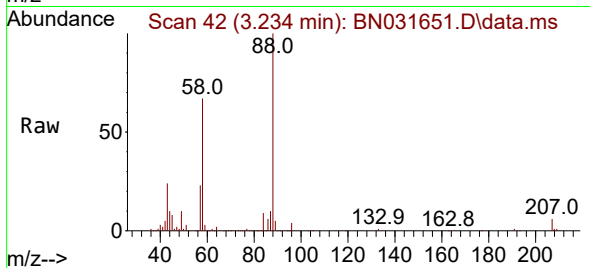
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#2
1,4-Dioxane
Concen: 7.964 ng/uL
RT: 3.234 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

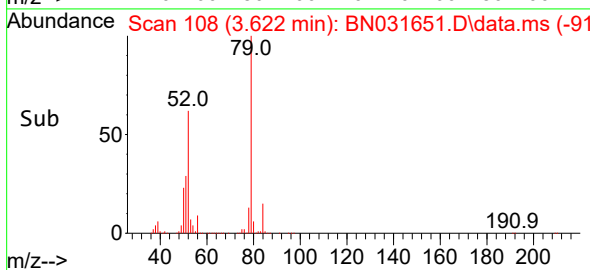
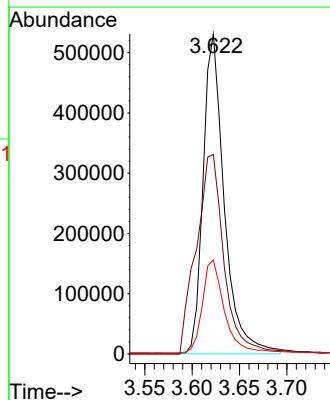
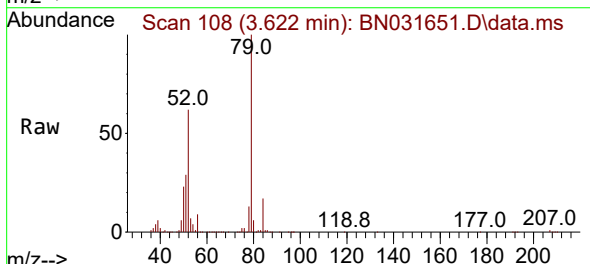
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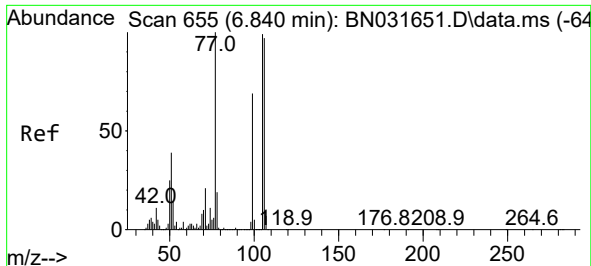
Tgt Ion: 88 Resp: 123874
Ion Ratio Lower Upper
88 100
43 23.7 18.3 27.5
58 66.9 55.5 83.3



#5
Pyridine
Concen: 20.330 ng/uL
RT: 3.622 min Scan# 108
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion: 79 Resp: 824225
Ion Ratio Lower Upper
79 100
52 62.3 52.3 78.5
51 29.4 24.4 36.6

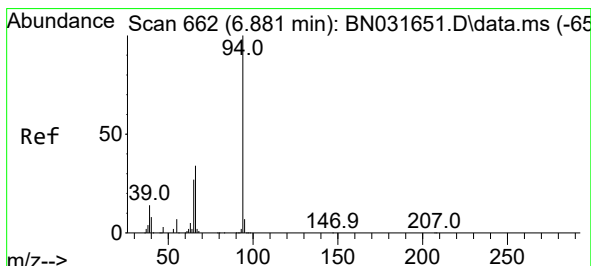
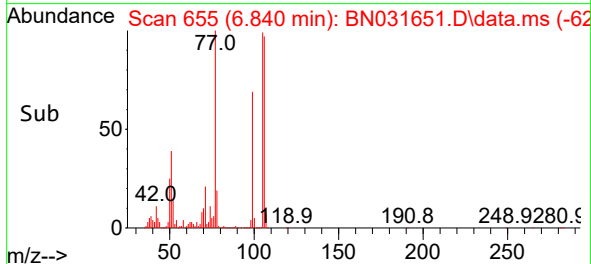
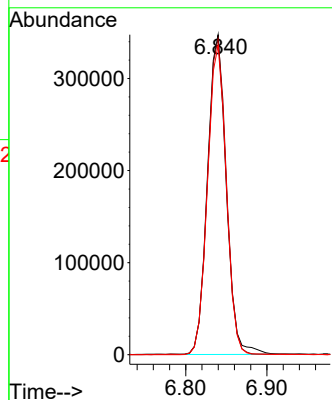
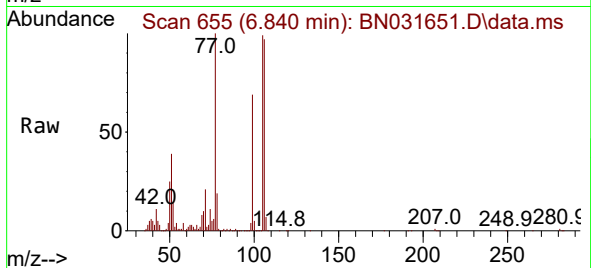




#6
Benzaldehyde
Concen: 22.591 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. 0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

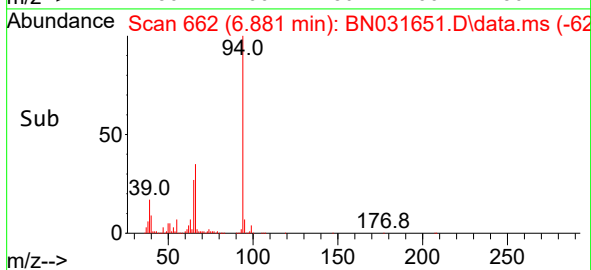
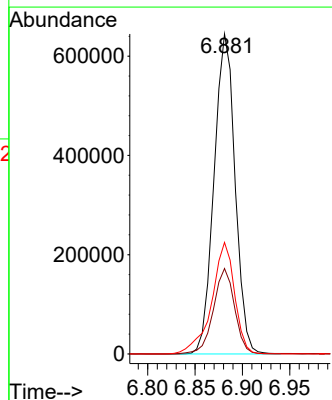
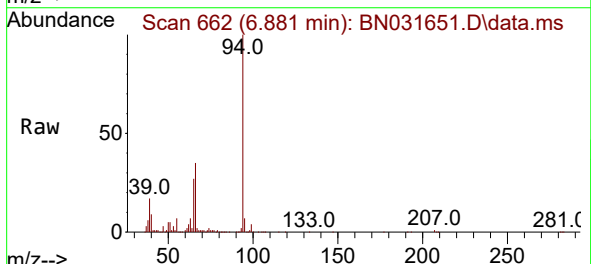
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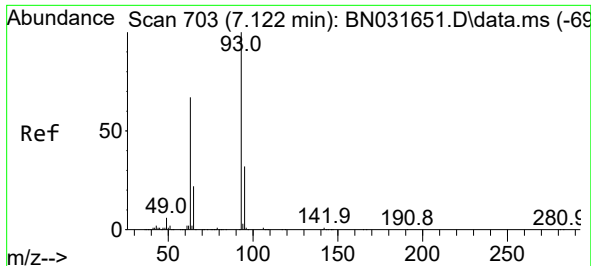
Tgt Ion: 77 Resp: 557320
Ion Ratio Lower Upper
77 100
105 98.8 82.1 123.1
106 96.6 75.5 113.3



#8
Phenol
Concen: 20.119 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion: 94 Resp: 995882
Ion Ratio Lower Upper
94 100
65 26.7 20.8 31.2
66 34.9 26.7 40.1

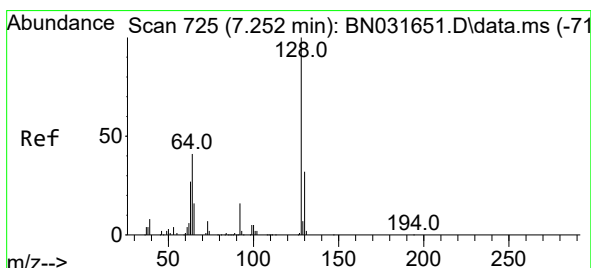
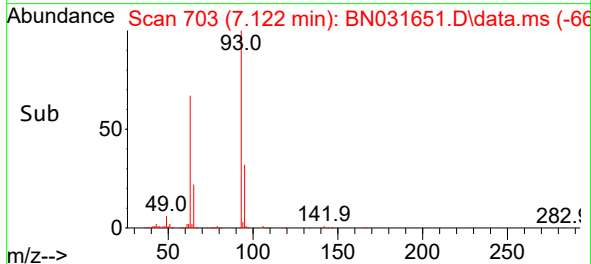
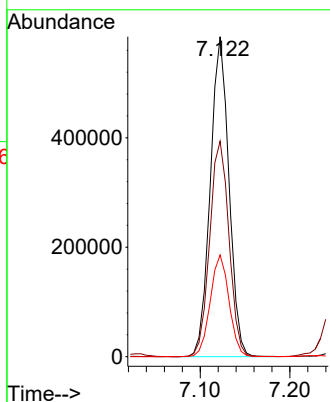
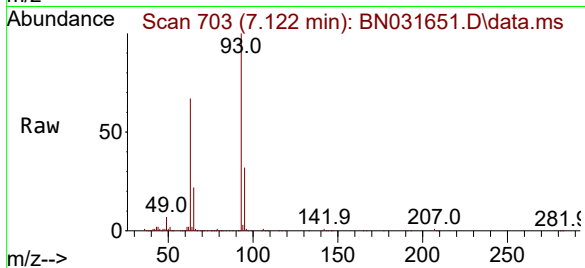




#10
Bis(2-Chloroethyl)ether
Concen: 20.523 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

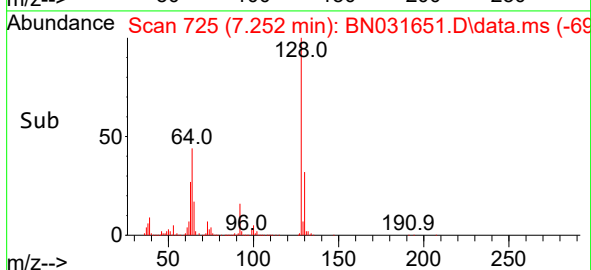
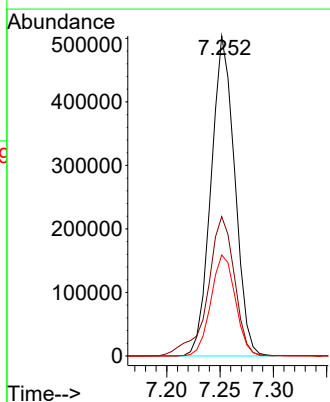
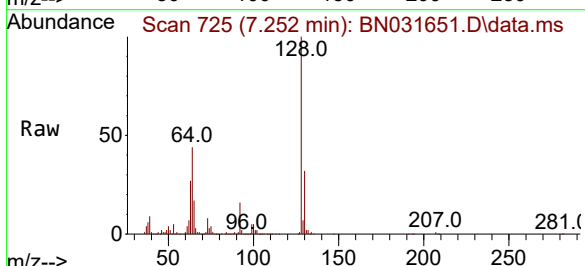
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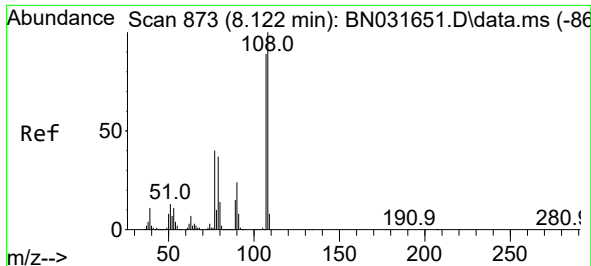
Tgt Ion: 93 Resp: 843051
Ion Ratio Lower Upper
93 100
63 67.4 56.3 84.5
95 31.8 25.2 37.8



#12
2-Chlorophenol
Concen: 20.009 ng/ul
RT: 7.252 min Scan# 725
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:128 Resp: 778793
Ion Ratio Lower Upper
128 100
64 43.6 36.1 54.1
130 31.6 26.0 39.0

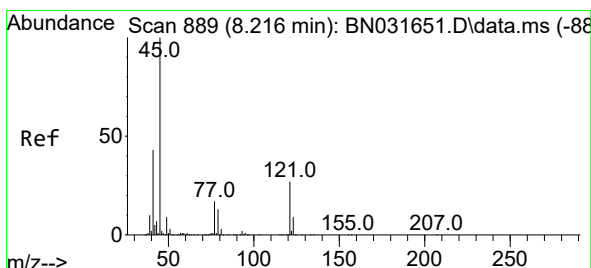
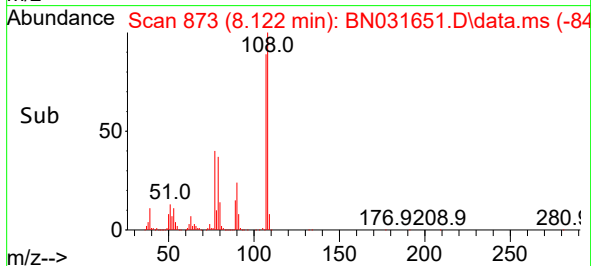
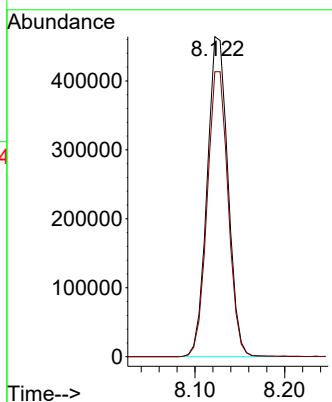
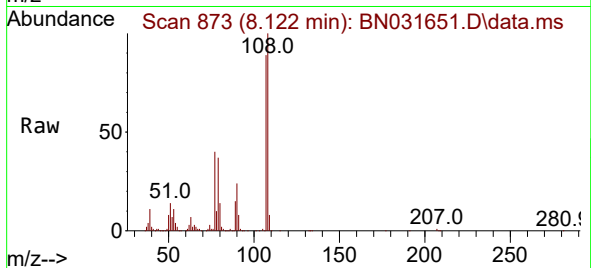




#13
2-Methylphenol
Concen: 20.188 ng/ul
RT: 8.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BN031651.D
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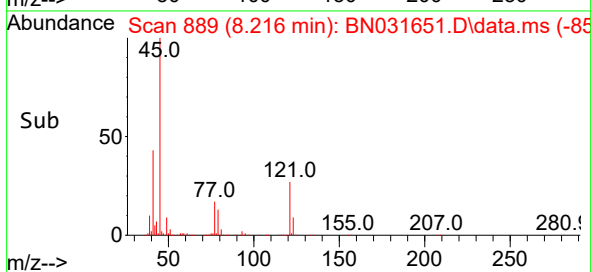
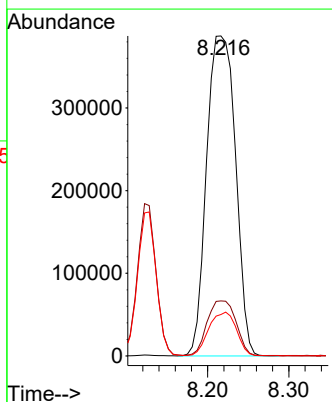
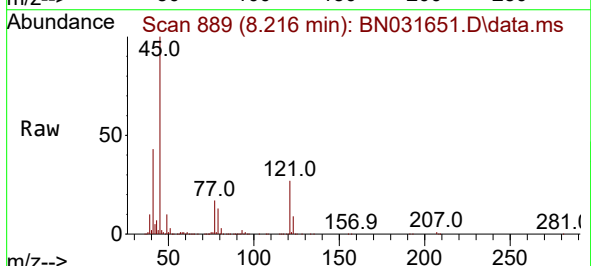
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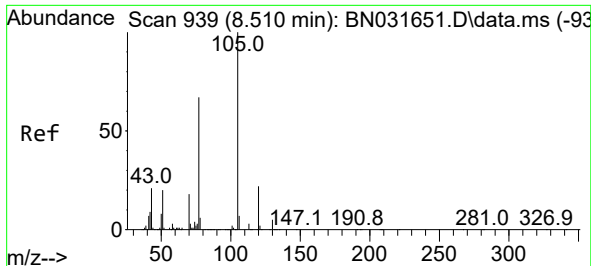
Tgt Ion:108 Resp: 748575
Ion Ratio Lower Upper
108 100
107 89.0 71.0 106.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.223 ng/ul
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion: 45 Resp: 959572
Ion Ratio Lower Upper
45 100
77 17.2 13.2 19.8
79 13.0 10.6 16.0

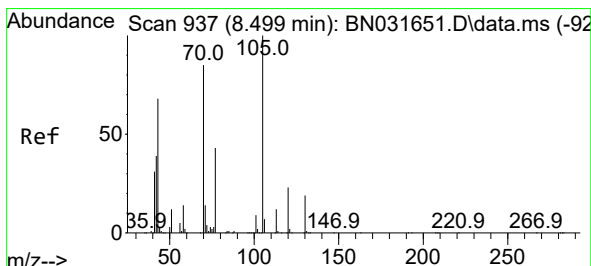
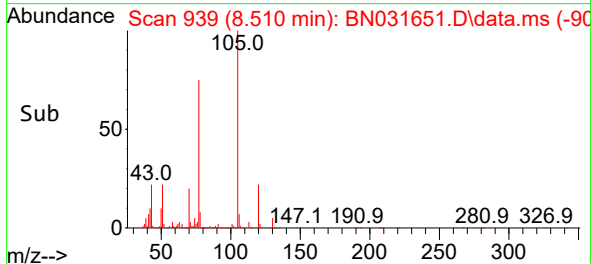
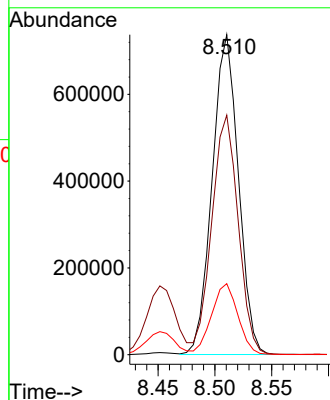
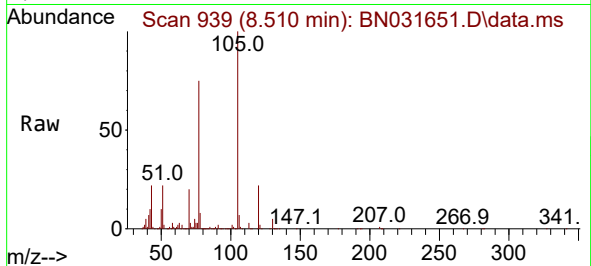




#16
Acetophenone
Concen: 20.355 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

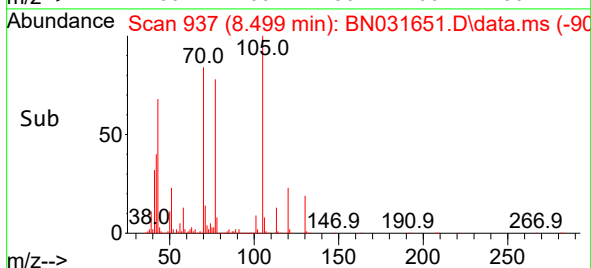
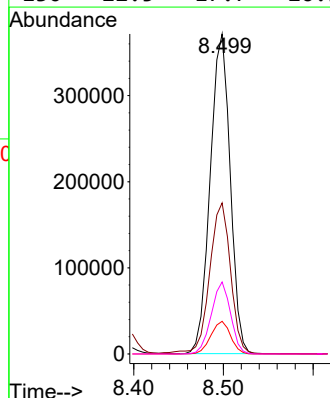
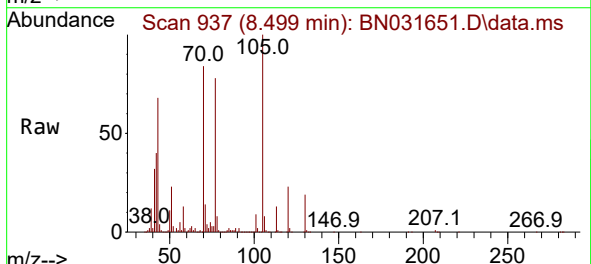
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ClientSampleId :
SSTD020261

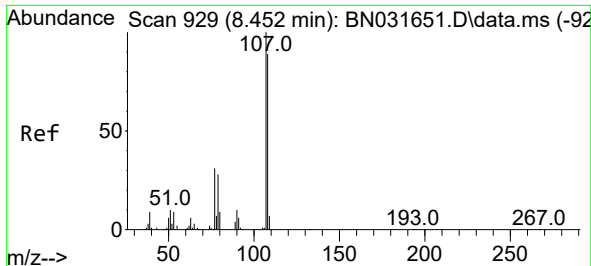
Tgt Ion:105 Resp: 1183843
Ion Ratio Lower Upper
105 100
77 74.8 60.7 91.1
51 22.2 18.6 28.0



#17
N-Nitroso-di-n-propylamine
Concen: 19.216 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion: 70 Resp: 574140
Ion Ratio Lower Upper
70 100
42 47.2 38.2 57.4
101 10.2 8.1 12.1
130 22.5 17.7 26.5

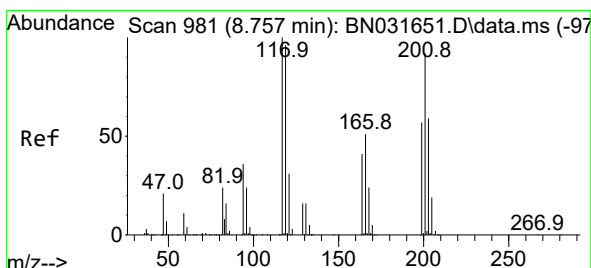
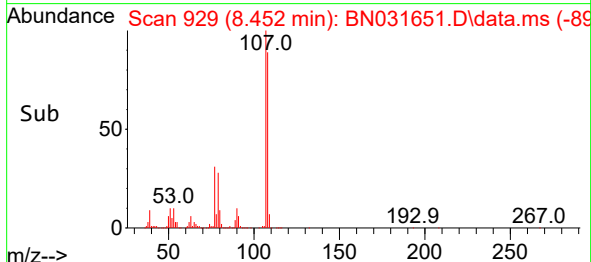
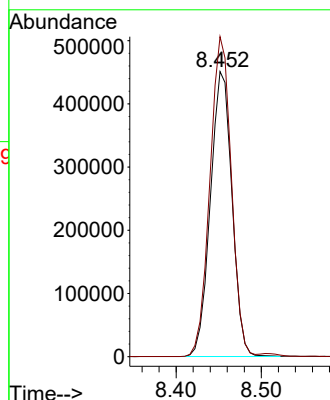
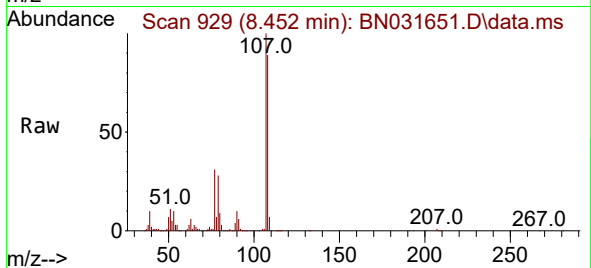




#18
4-Methylphenol
Concen: 20.139 ng/ul
RT: 8.452 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

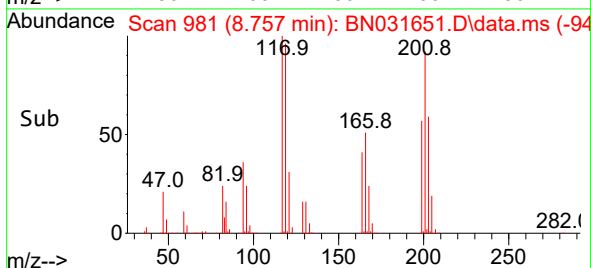
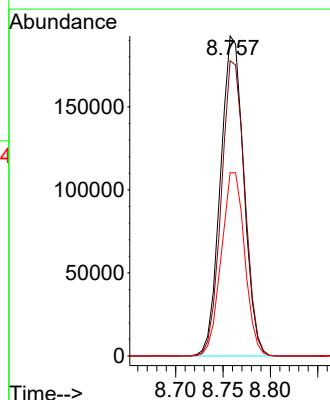
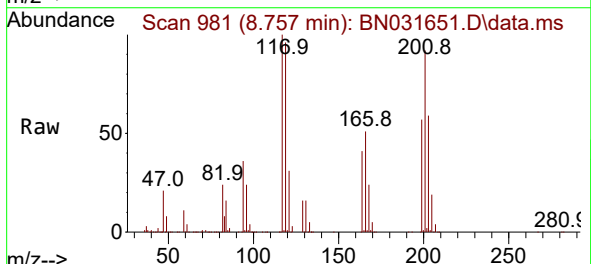
Instrument :
BNA_N
ClientSampleId :
SSTD020261

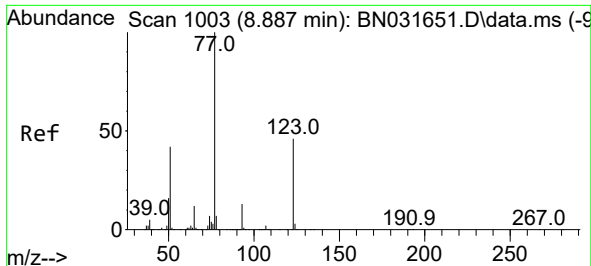
Tgt Ion:108 Resp: 793647
Ion Ratio Lower Upper
108 100
107 112.3 87.6 131.4



#19
Hexachloroethane
Concen: 19.874 ng/ul
RT: 8.757 min Scan# 981
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:117 Resp: 330501
Ion Ratio Lower Upper
117 100
201 92.2 72.6 109.0
199 57.2 45.6 68.4

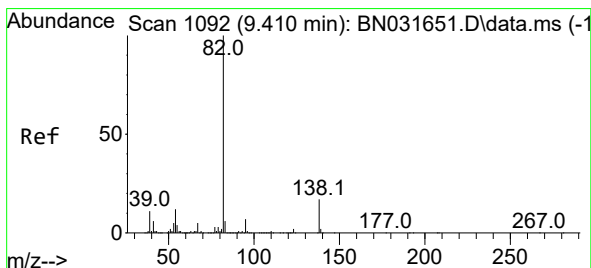
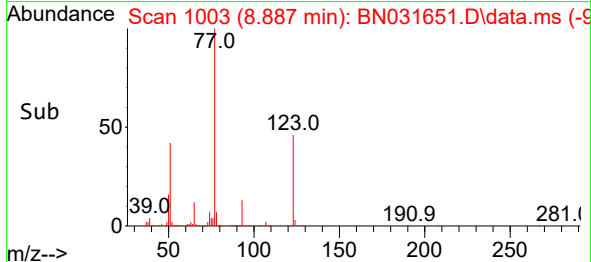
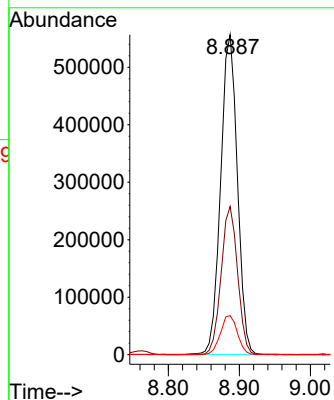
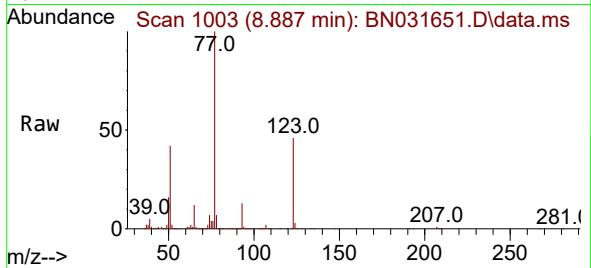




#22
Nitrobenzene
Concen: 20.449 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

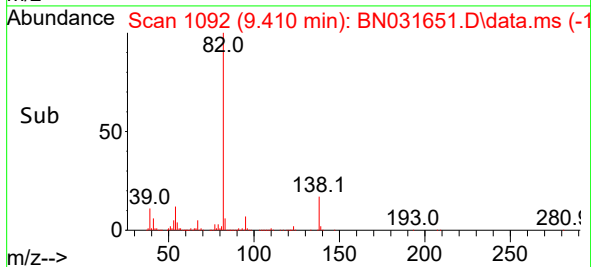
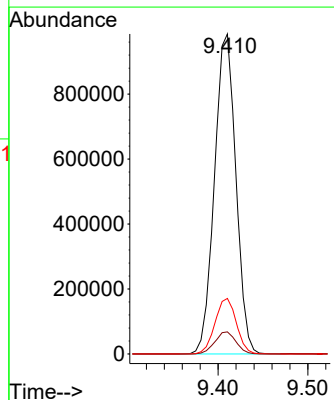
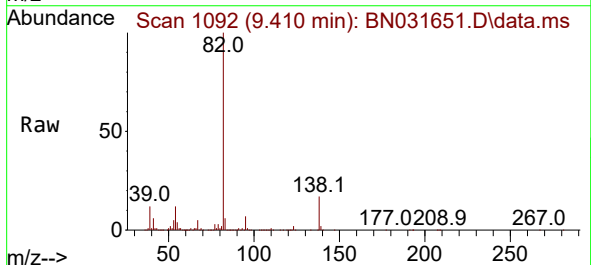
Instrument :
BNA_N
ClientSampleId :
SSTD020261

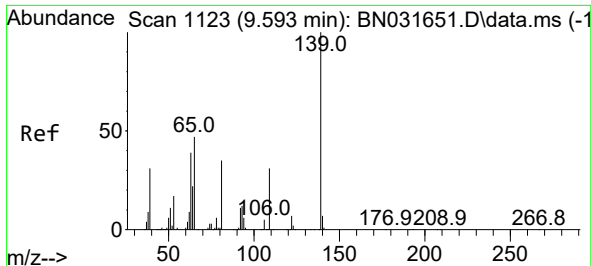
Tgt Ion: 77 Resp: 903665
Ion Ratio Lower Upper
77 100
123 46.3 34.7 52.1
65 12.2 10.1 15.1



#23
Isophorone
Concen: 19.410 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion: 82 Resp: 1631630
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.3 13.4 20.2

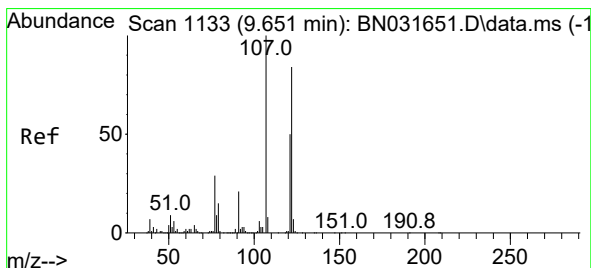
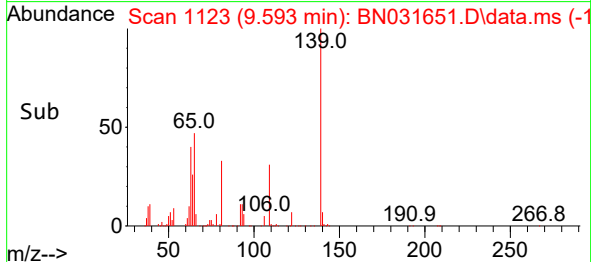
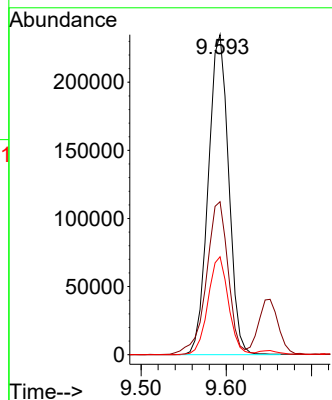
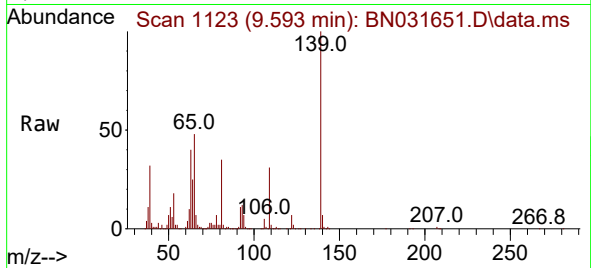




#25
2-Nitrophenol
Concen: 20.377 ng/ul
RT: 9.593 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

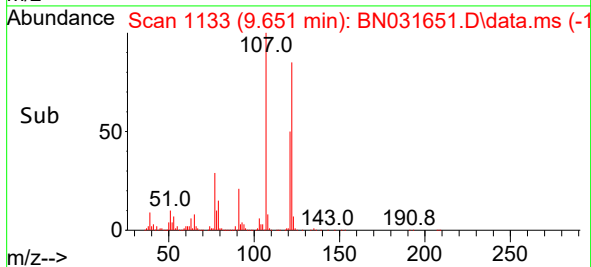
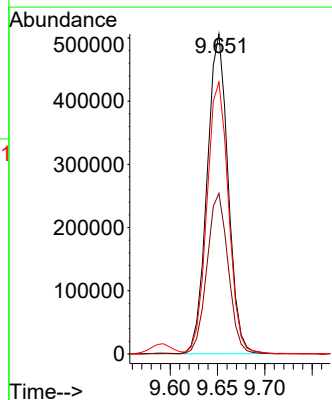
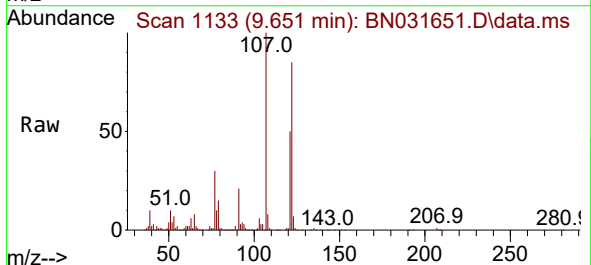
Instrument :
BNA_N
ClientSampleId :
SSTD020261

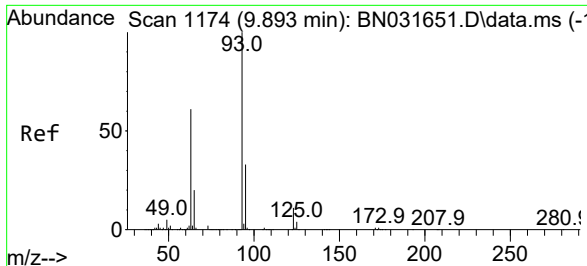
Tgt Ion:139 Resp: 391240
Ion Ratio Lower Upper
139 100
65 47.8 38.6 58.0
109 30.6 23.2 34.8



#26
2,4-Dimethylphenol
Concen: 19.891 ng/ul
RT: 9.651 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:107 Resp: 780146
Ion Ratio Lower Upper
107 100
121 50.2 40.9 61.3
122 85.0 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 19.502 ng/ul

RT: 9.893 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

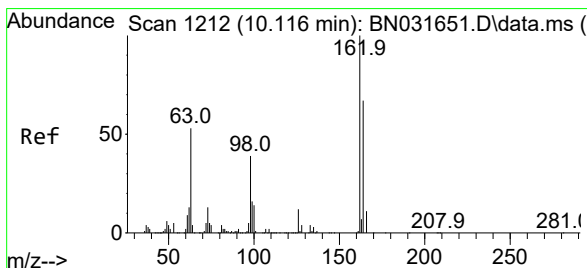
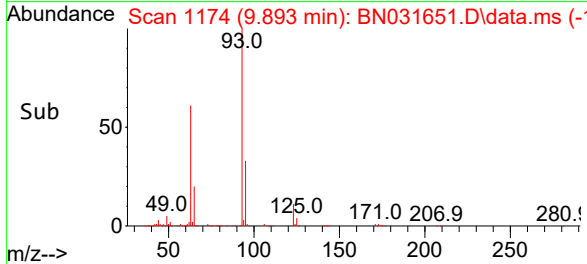
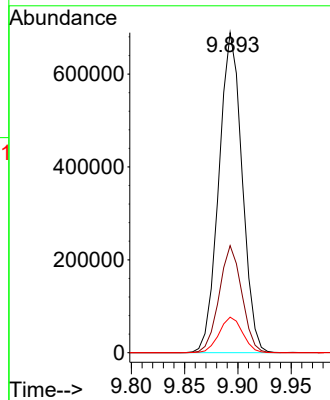
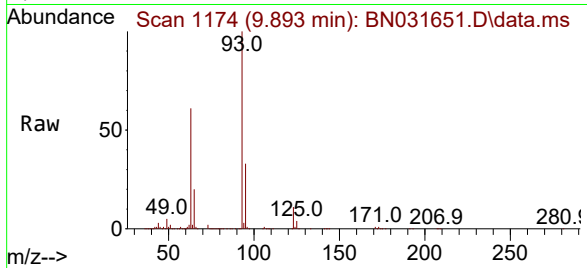
Tgt Ion: 93 Resp: 1045056

Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

123 11.1 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 19.954 ng/ul

RT: 10.116 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

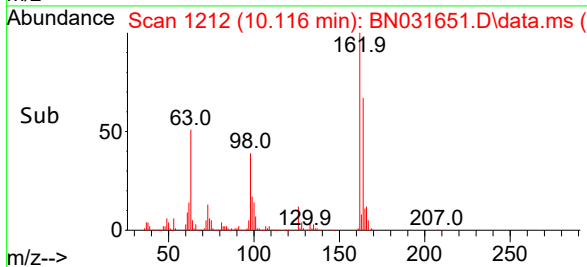
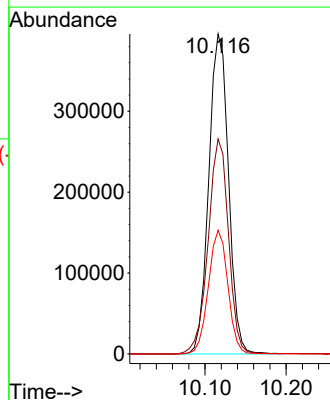
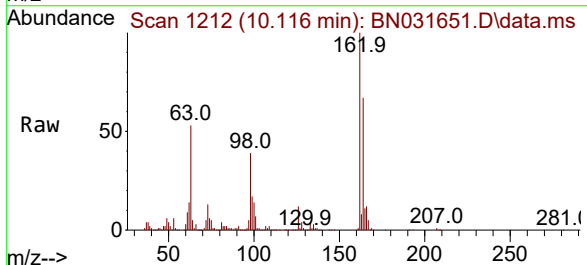
Tgt Ion:162 Resp: 666303

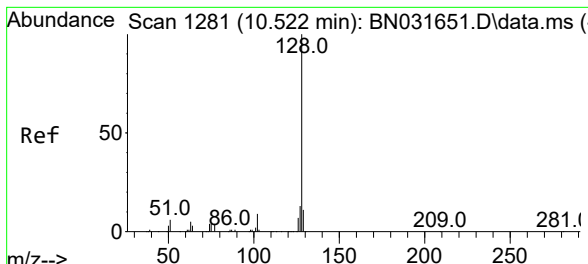
Ion Ratio Lower Upper

162 100

164 67.2 51.2 76.8

98 38.7 29.0 43.4



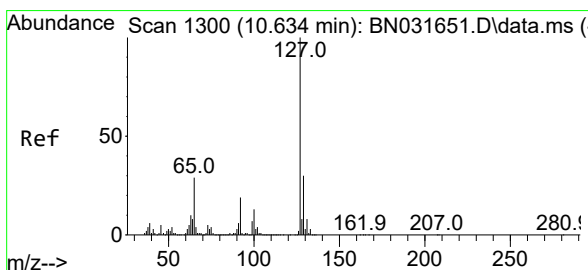
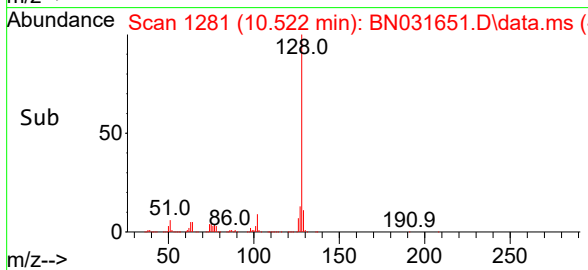
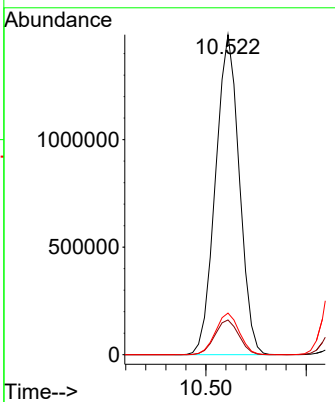
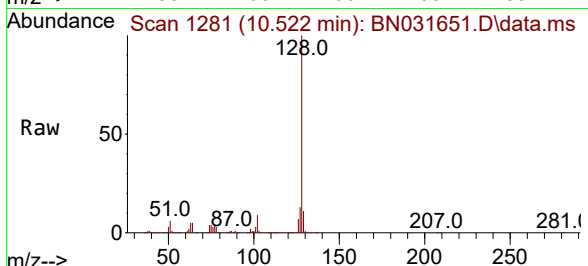


#30
Naphthalene
Concen: 19.991 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Instrument : BNA_N
ClientSampleId : SSTD020261

Tgt Ion:128 Resp: 2452384

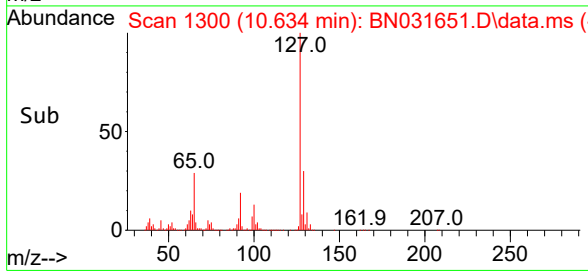
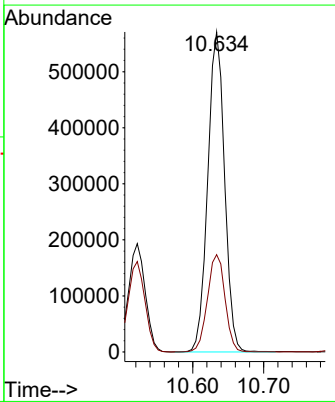
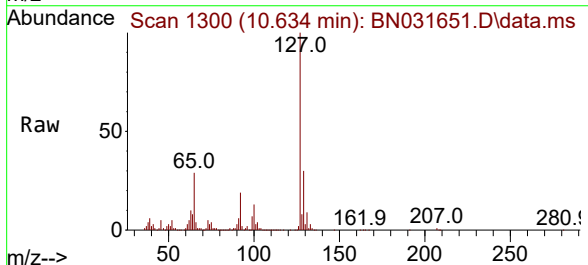
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.2	15.2

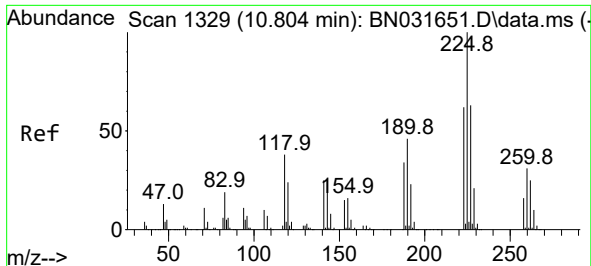


#32
4-Chloroaniline
Concen: 19.782 ng/ul
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:127 Resp: 937184

Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.8	38.6

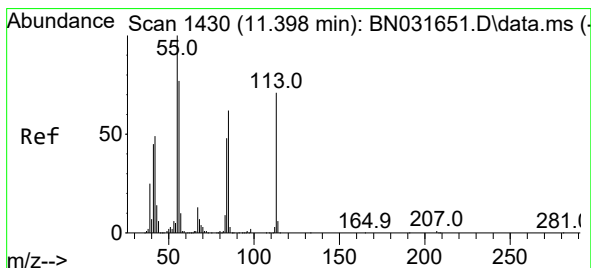
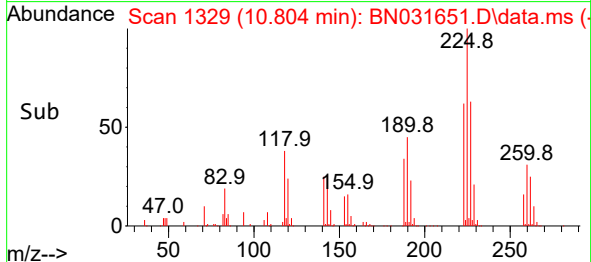
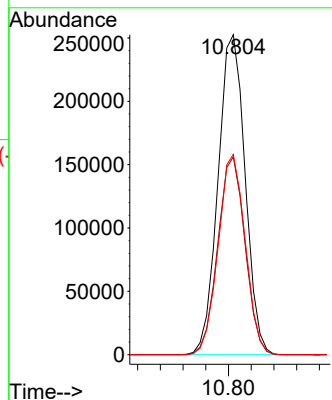
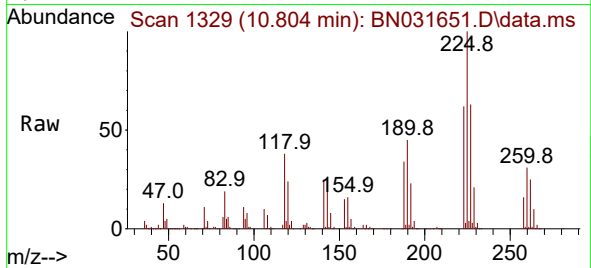




#33
Hexachlorobutadiene
Concen: 20.466 ng/ul
RT: 10.804 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

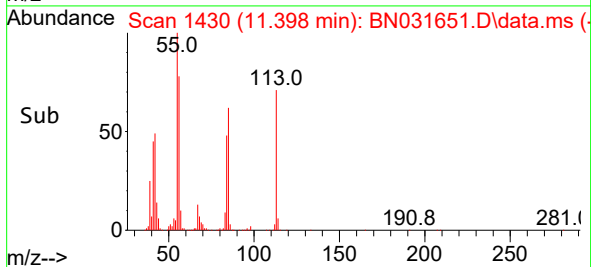
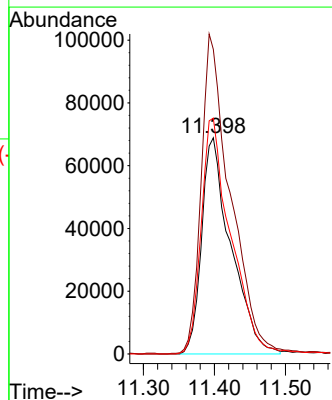
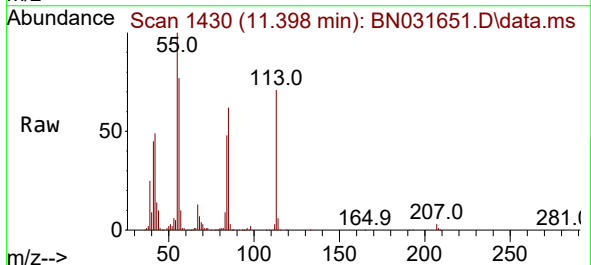
Instrument :
BNA_N
ClientSampleId :
SSTD020261

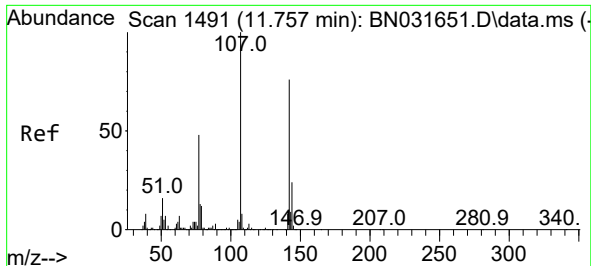
Tgt Ion:225 Resp: 418185
Ion Ratio Lower Upper
225 100
223 61.8 49.5 74.3
227 62.6 50.2 75.2



#34
Caprolactam
Concen: 18.210 ng/ul
RT: 11.398 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:113 Resp: 196932
Ion Ratio Lower Upper
113 100
55 140.9 114.6 172.0
56 109.0 84.3 126.5

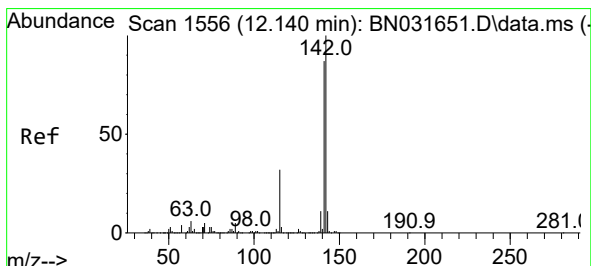
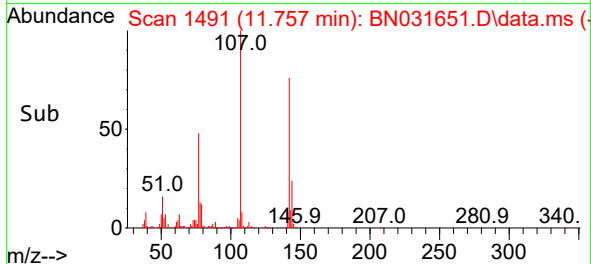
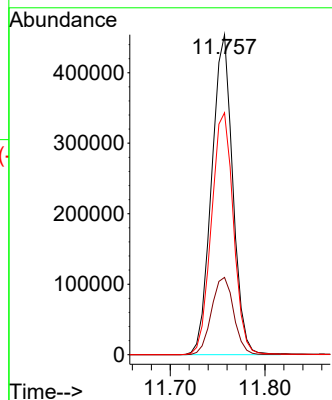
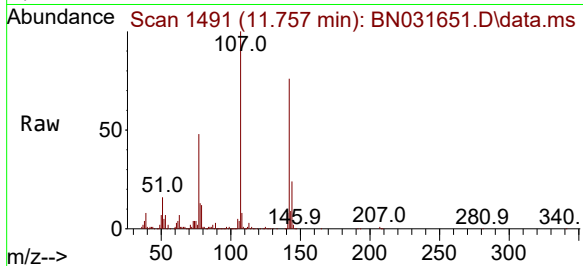




#35
4-Chloro-3-methylphenol
Concen: 19.365 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

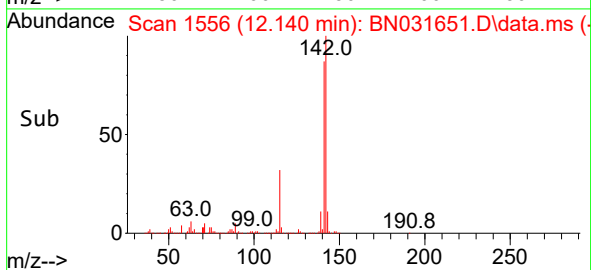
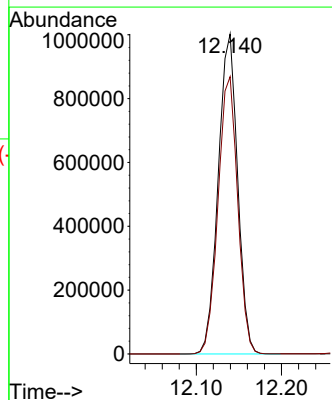
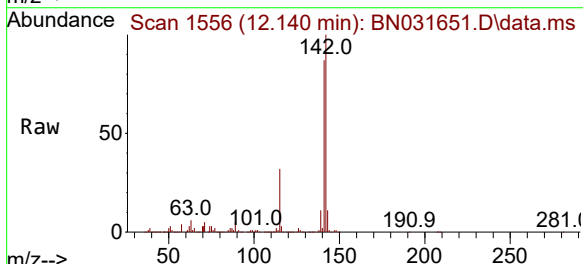
Instrument :
BNA_N
ClientSampleId :
SSTD020261

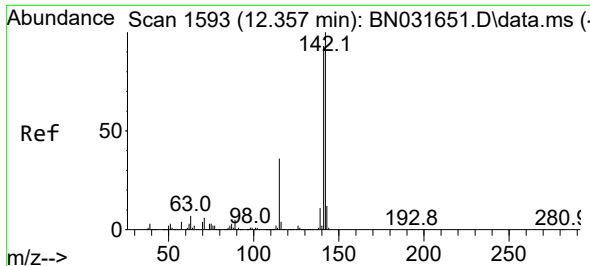
Tgt Ion:107 Resp: 702239
Ion Ratio Lower Upper
107 100
144 24.1 21.4 32.0
142 75.6 65.0 97.6



#36
2-Methylnaphthalene
Concen: 19.748 ng/ul
RT: 12.140 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:142 Resp: 1585362
Ion Ratio Lower Upper
142 100
141 86.6 70.5 105.7

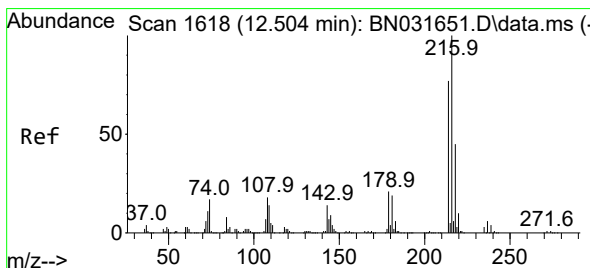
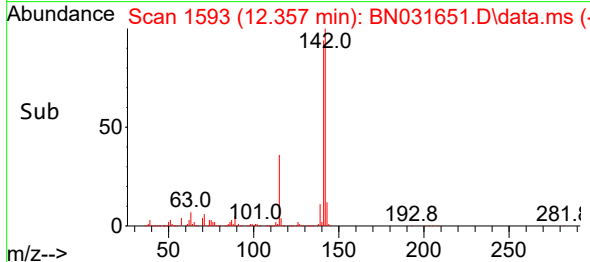
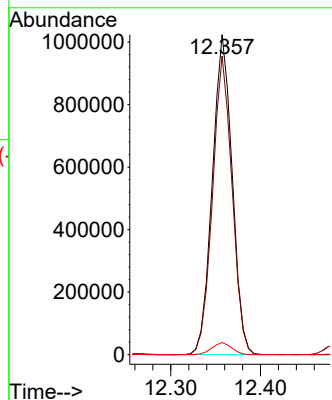
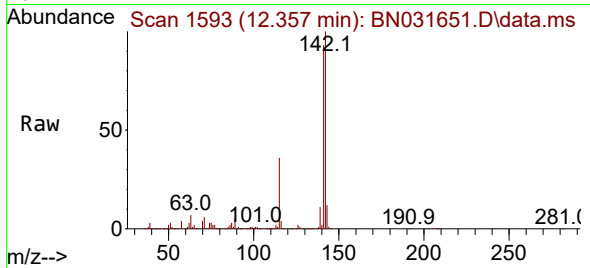




#37
1-Methylnaphthalene
Concen: 19.712 ng/ul
RT: 12.357 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

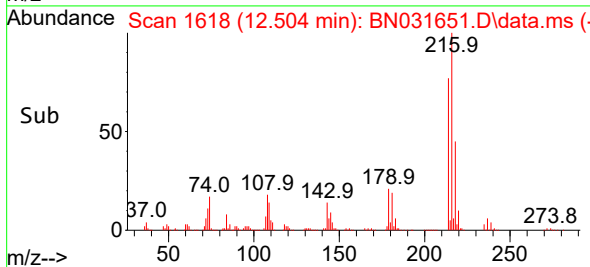
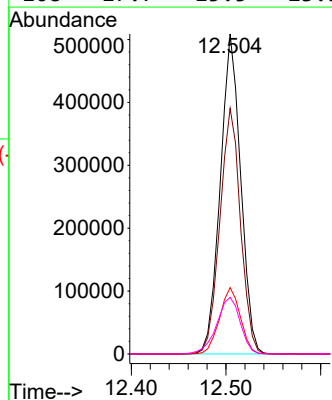
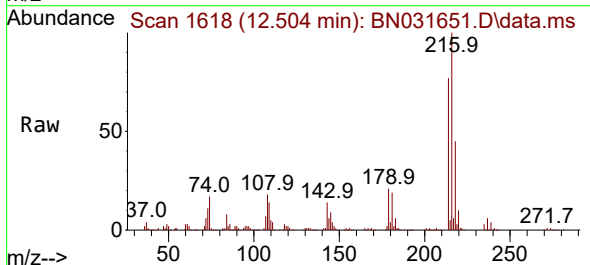
Instrument :
BNA_N
ClientSampleId :
SSTD020261

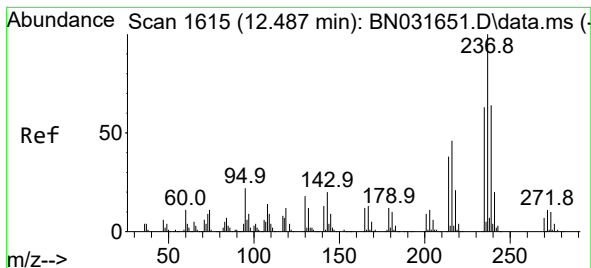
Tgt Ion:142 Resp: 1566428
Ion Ratio Lower Upper
142 100
141 93.3 77.0 115.6
116 3.8 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.047 ng/ul
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:216 Resp: 761255
Ion Ratio Lower Upper
216 100
214 76.7 64.0 96.0
179 20.8 16.8 25.2
108 17.7 15.5 23.3

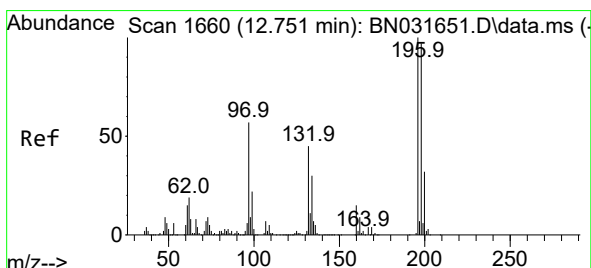
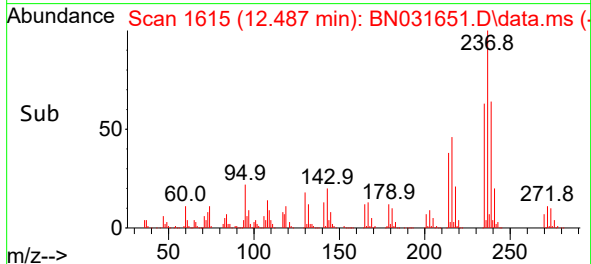
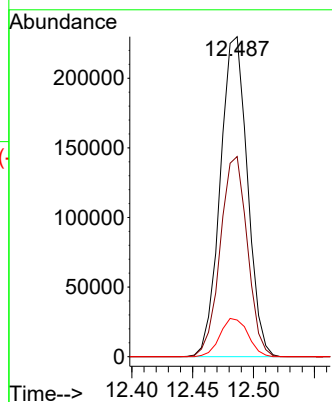
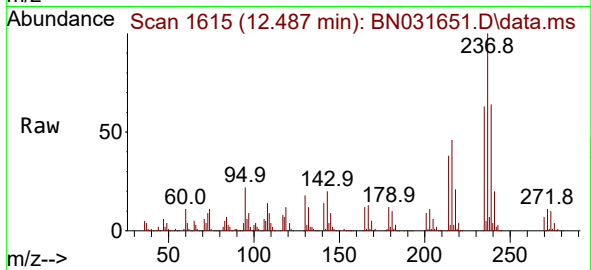




#40
Hexachlorocyclopentadiene
Concen: 16.489 ng/ul
RT: 12.487 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

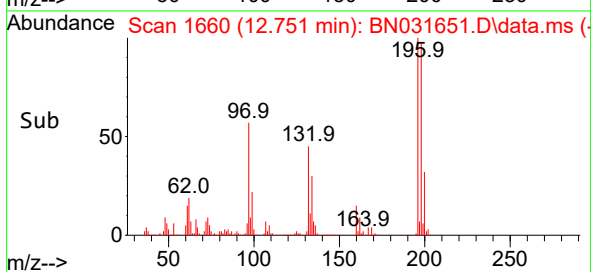
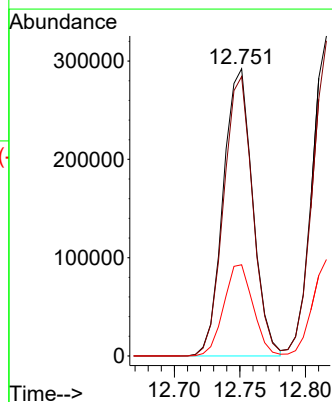
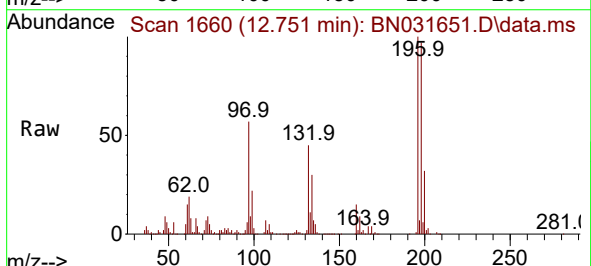
Instrument :
BNA_N
ClientSampleId :
SSTD020261

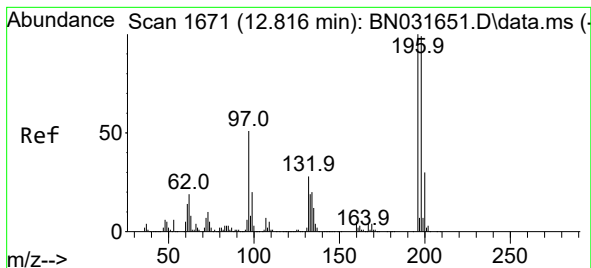
Tgt Ion:237 Resp: 357504
Ion Ratio Lower Upper
237 100
235 62.5 51.3 76.9
272 11.4 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 20.431 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:196 Resp: 456650
Ion Ratio Lower Upper
196 100
198 97.3 79.4 119.2
200 31.8 24.0 36.0





#42

2,4,5-Trichlorophenol

Concen: 20.623 ng/ul

RT: 12.816 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BN031651.D

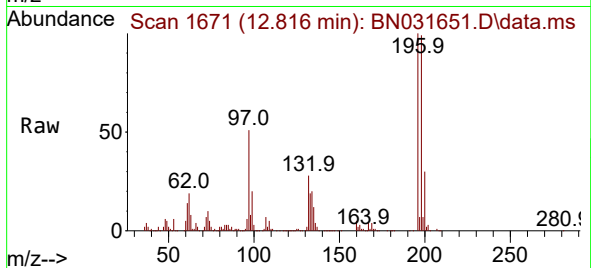
Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261



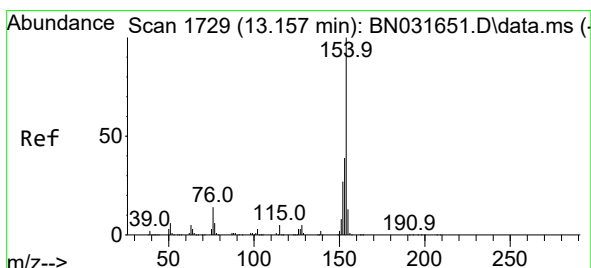
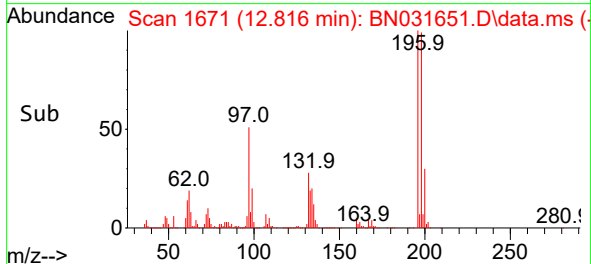
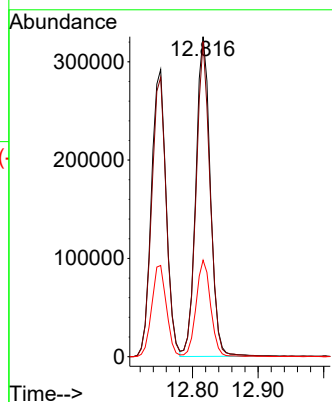
Tgt Ion:196 Resp: 498968

Ion Ratio Lower Upper

196 100

198 98.5 71.9 107.9

200 30.1 23.2 34.8



#43

1,1'-Biphenyl

Concen: 20.959 ng/ul

RT: 13.157 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

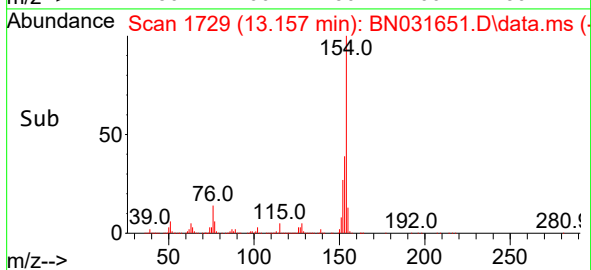
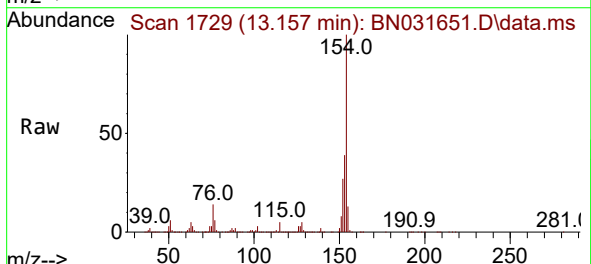
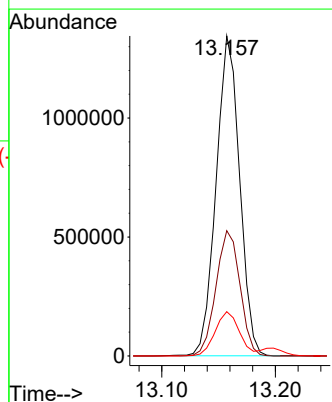
Tgt Ion:154 Resp: 1931095

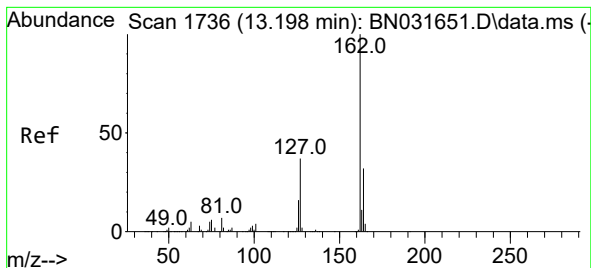
Ion Ratio Lower Upper

154 100

153 39.2 32.6 48.8

76 13.9 11.3 16.9





#44

2-Chloronaphthalene

Concen: 20.844 ng/ul

RT: 13.198 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

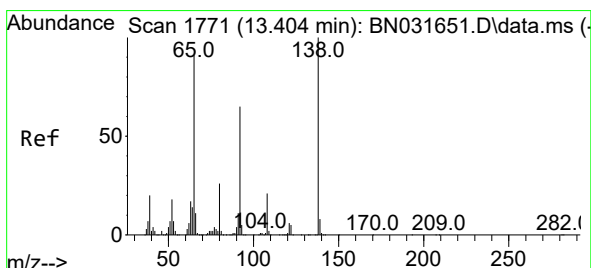
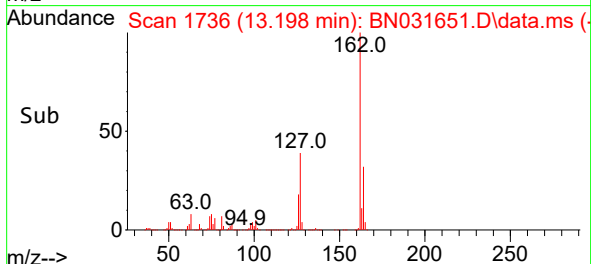
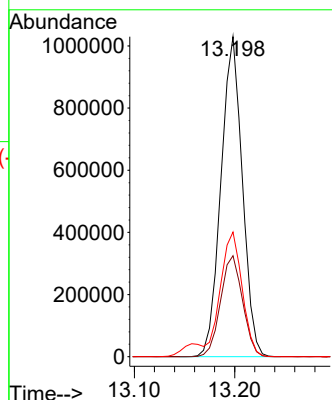
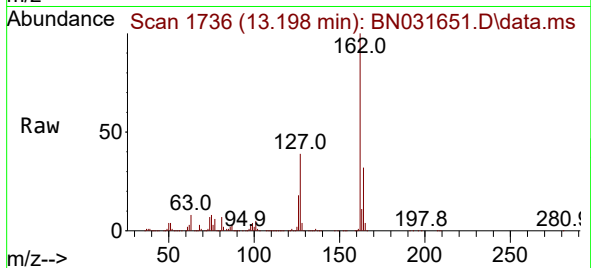
Tgt Ion:162 Resp: 1520679

Ion Ratio Lower Upper

162 100

164 31.6 26.6 39.8

127 39.0 30.8 46.2



#45

2-Nitroaniline

Concen: 20.361 ng/ul

RT: 13.404 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

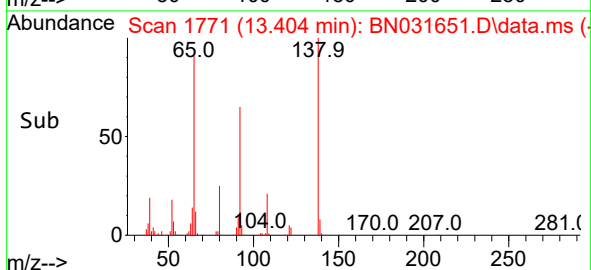
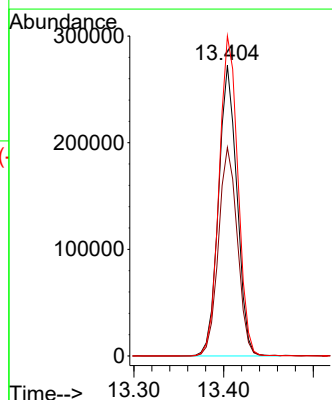
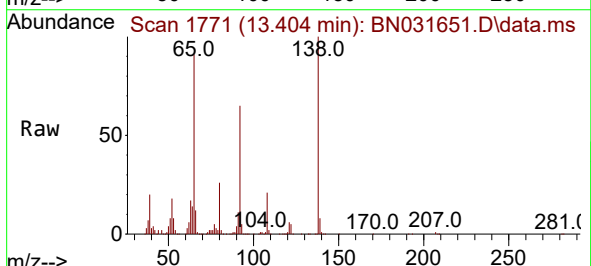
Tgt Ion: 65 Resp: 388875

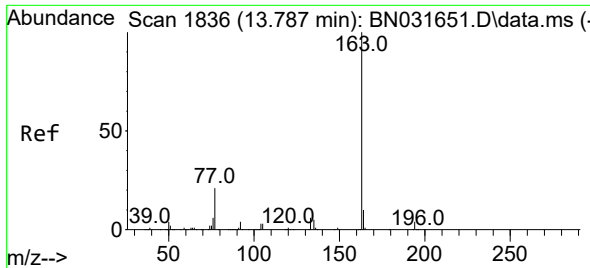
Ion Ratio Lower Upper

65 100

92 71.7 60.2 90.4

138 110.1 88.6 132.8

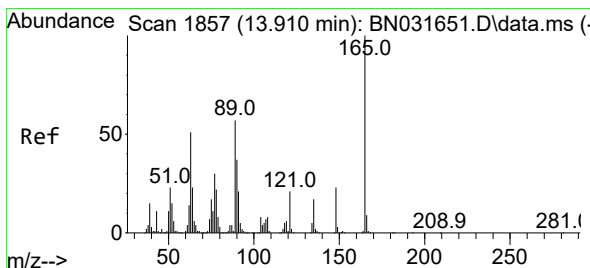
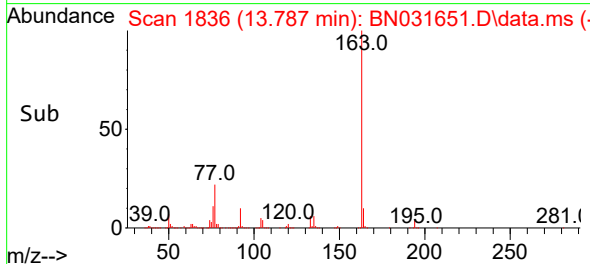
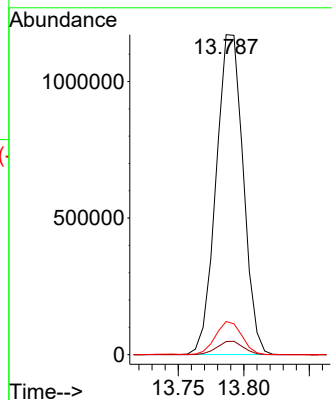
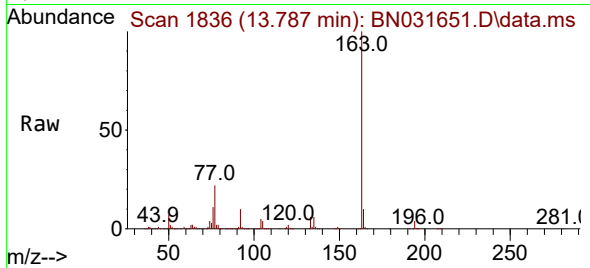




#47
Dimethylphthalate
Concen: 20.516 ng/ul
RT: 13.787 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

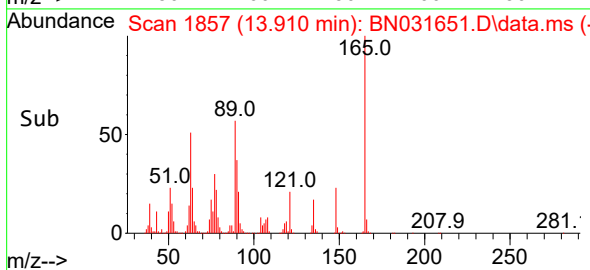
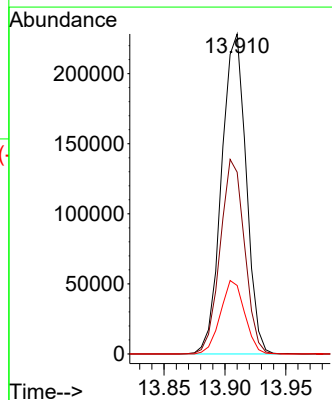
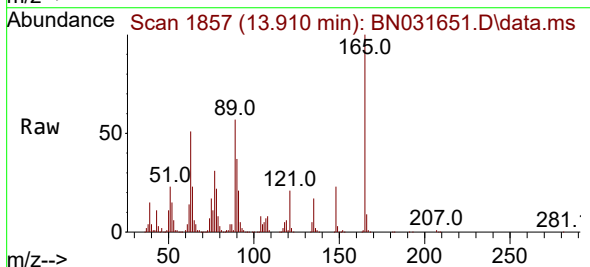
Instrument :
BNA_N
ClientSampleId :
SSTD020261

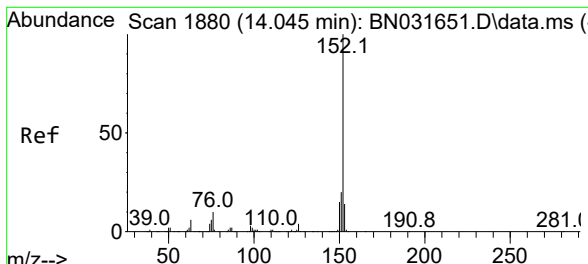
Tgt Ion:163 Resp: 1686138
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 7.8 11.6



#48
2,6-Dinitrotoluene
Concen: 20.452 ng/ul
RT: 13.910 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:165 Resp: 320332
Ion Ratio Lower Upper
165 100
89 56.8 47.0 70.6
121 21.4 18.7 28.1



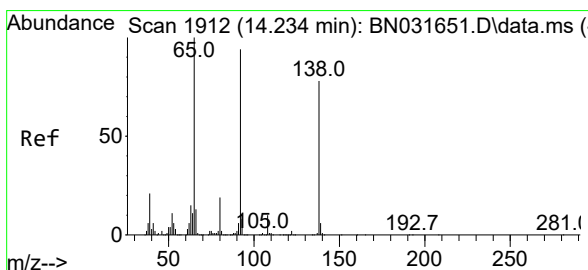
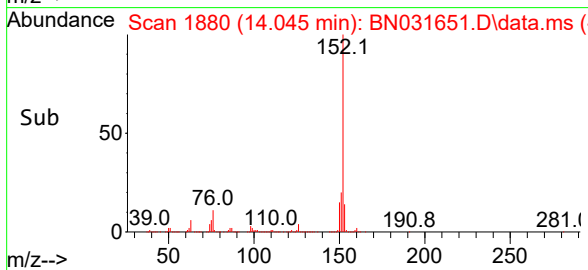
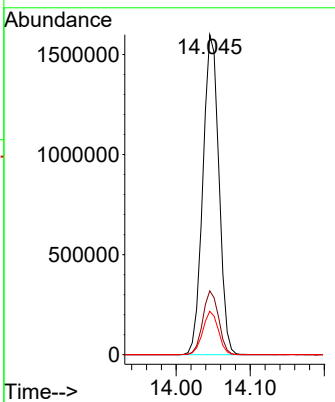
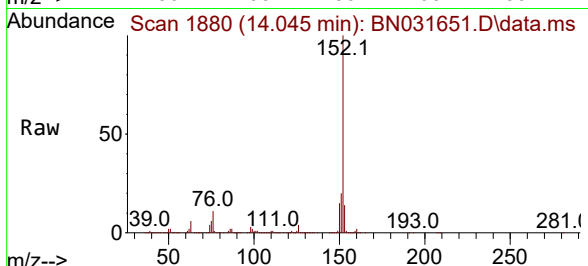


#50
Acenaphthylene
Concen: 20.581 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Instrument : BNA_N
ClientSampleId : SSTD020261

Tgt Ion:152 Resp: 2398273

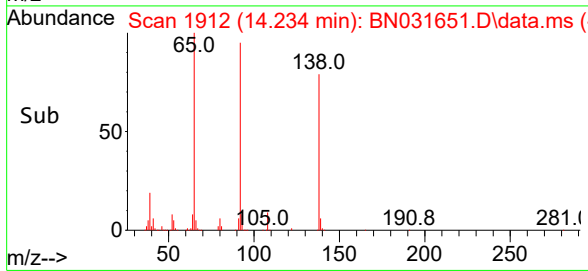
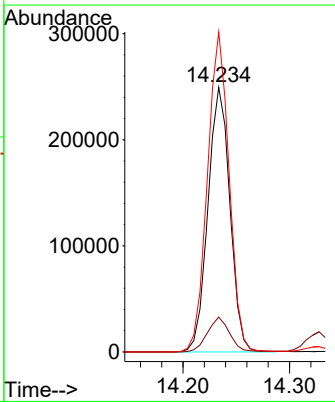
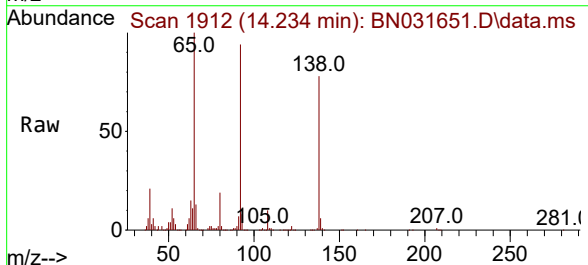
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.6	23.4
153	13.5	10.8	16.2

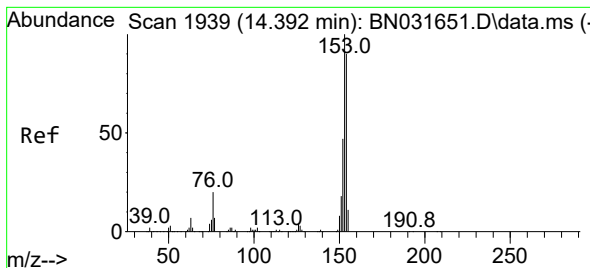


#51
3-Nitroaniline
Concen: 20.098 ng/ul
RT: 14.234 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:138 Resp: 357301

Ion	Ratio	Lower	Upper
138	100		
108	13.2	10.7	16.1
92	120.9	94.6	141.8





#52

Acenaphthene

Concen: 20.419 ng/ul

RT: 14.392 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

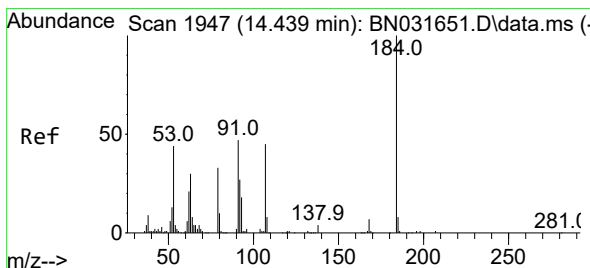
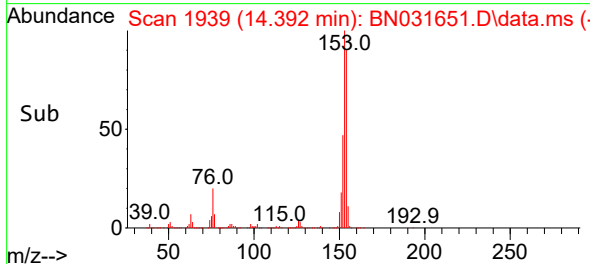
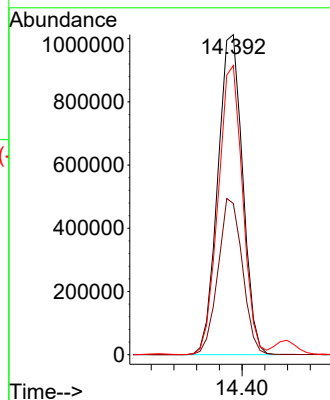
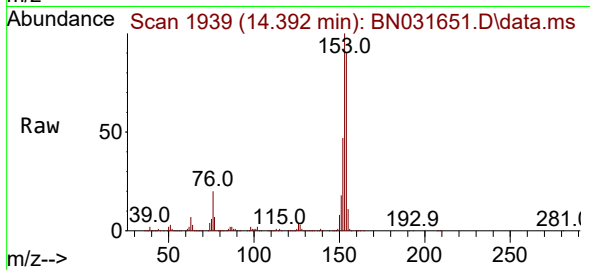
Tgt Ion:153 Resp: 1541658

Ion Ratio Lower Upper

153 100

152 47.2 40.5 60.7

154 90.4 76.6 114.8



#53

2,4-Dinitrophenol

Concen: 14.336 ng/ul

RT: 14.439 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

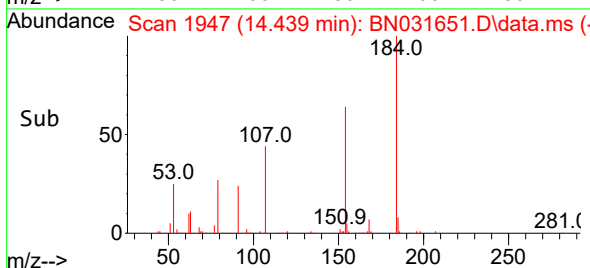
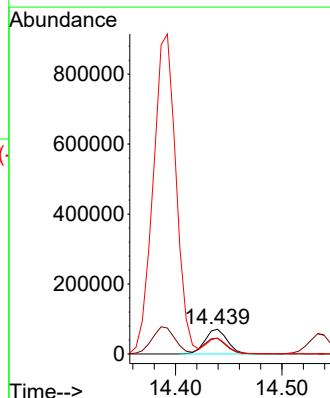
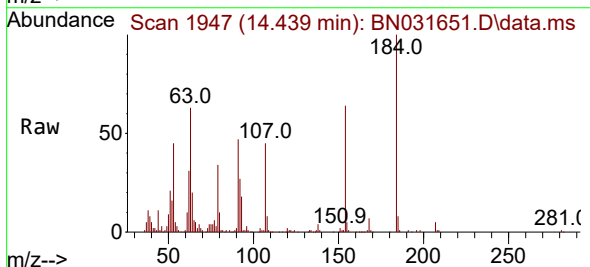
Tgt Ion:184 Resp: 103113

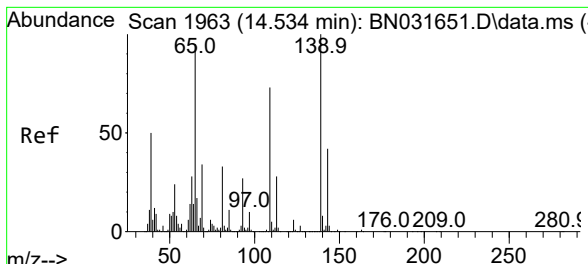
Ion Ratio Lower Upper

184 100

63 63.0 50.7 76.1

154 63.9 49.1 73.7

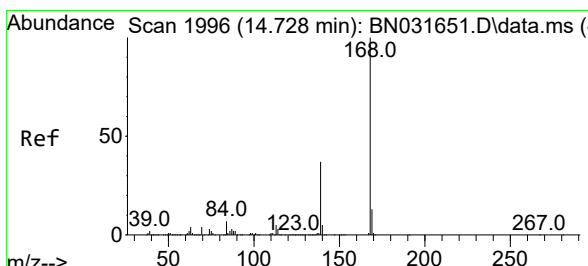
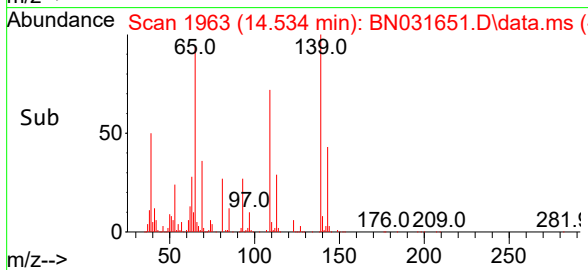
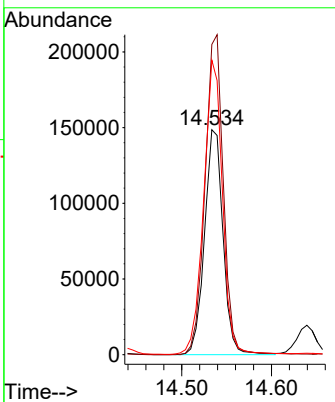
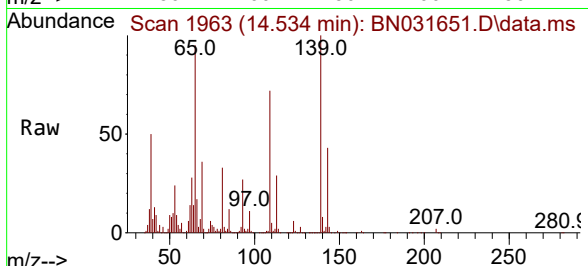




#55
 4-Nitrophenol
 Concen: 18.590 ng/ul
 RT: 14.534 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: BN031651.D
 Acq: 24 May 2024 08:25

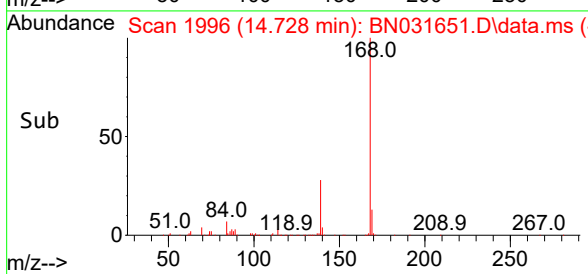
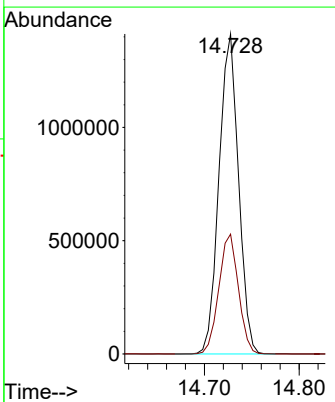
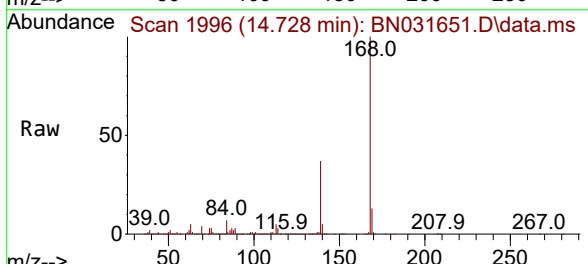
Instrument :
 BNA_N
 ClientSampleId :
 SSTD020261

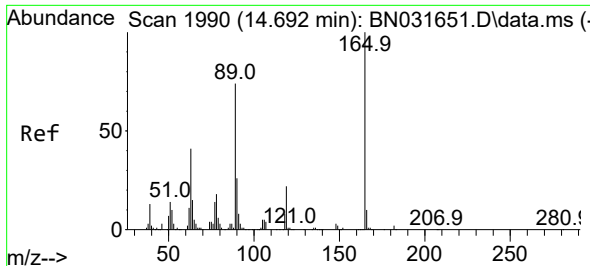
Tgt Ion:	109	Resp:	213458
Ion	Ratio	Lower	Upper
109	100		
139	137.9	113.8	170.6
65	131.0	101.1	151.7



#56
 Dibenzofuran
 Concen: 20.069 ng/ul
 RT: 14.728 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: BN031651.D
 Acq: 24 May 2024 08:25

Tgt Ion:	168	Resp:	2022823
Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.2	43.8

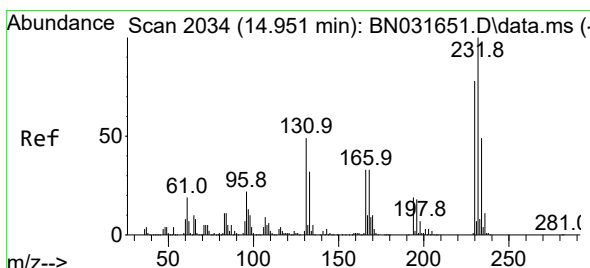
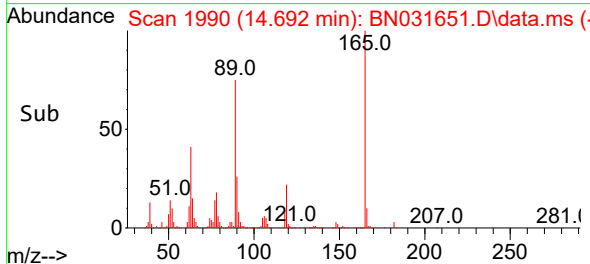
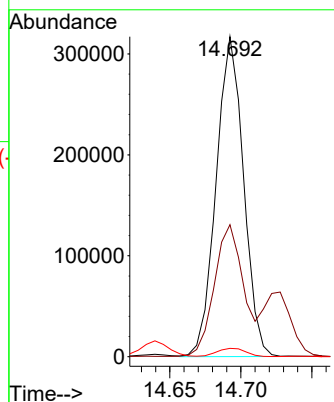
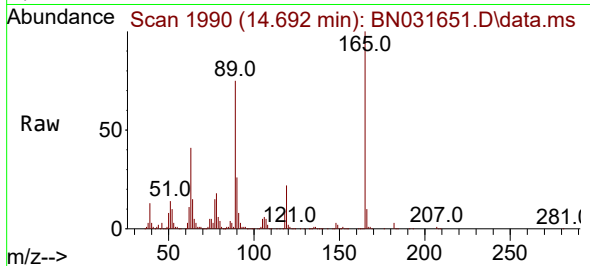




#57
2,4-Dinitrotoluene
Concen: 20.282 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

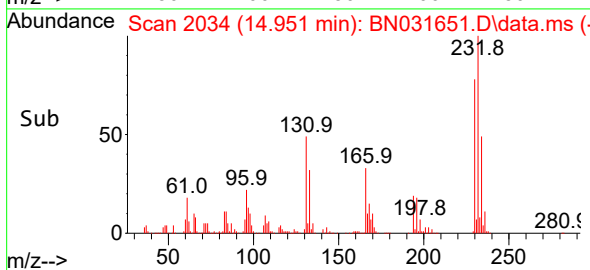
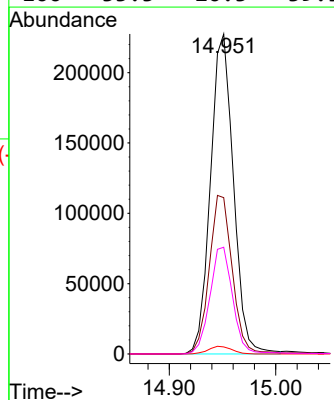
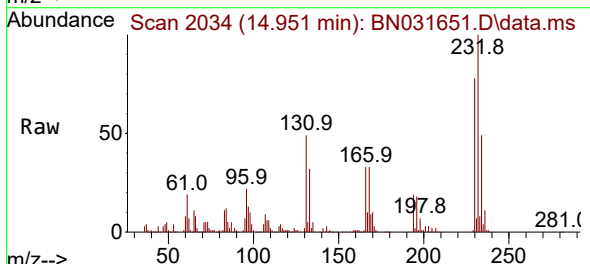
Instrument :
BNA_N
ClientSampleId :
SSTD020261

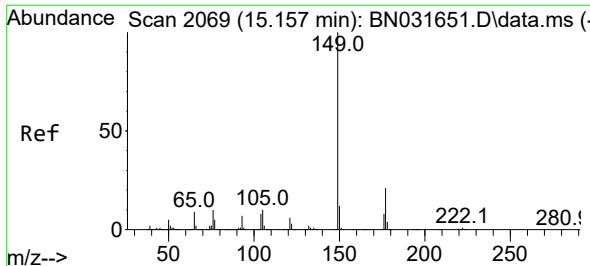
Tgt Ion:165 Resp: 425594
Ion Ratio Lower Upper
165 100
63 41.3 35.1 52.7
182 2.6 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.353 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:232 Resp: 340143
Ion Ratio Lower Upper
232 100
131 48.9 39.2 58.8
130 2.2 2.1 3.1
166 33.3 26.3 39.5

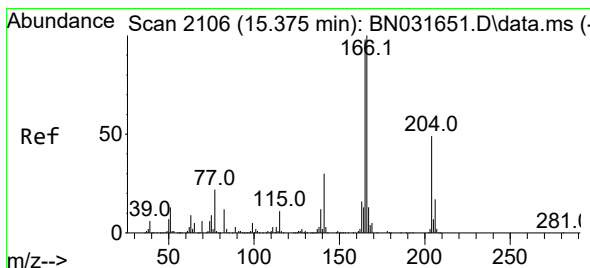
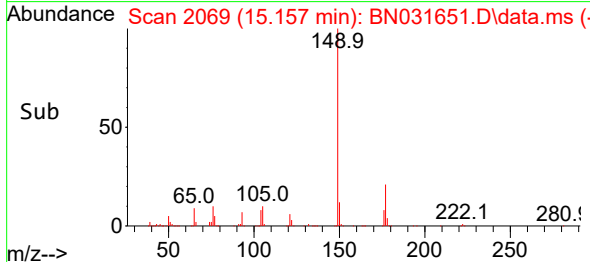
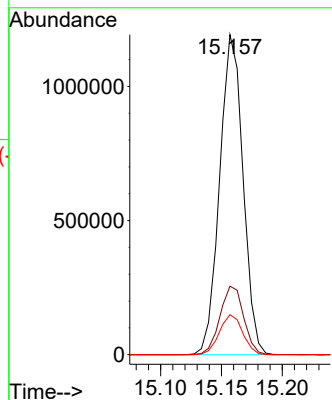
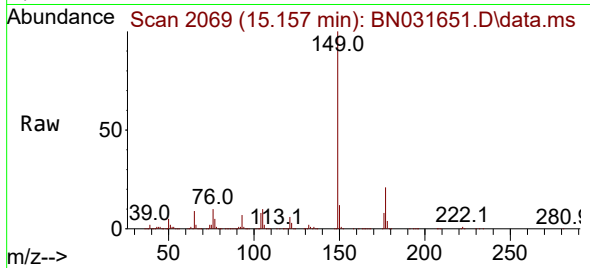




#59
Diethylphthalate
Concen: 20.559 ng/ul
RT: 15.157 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

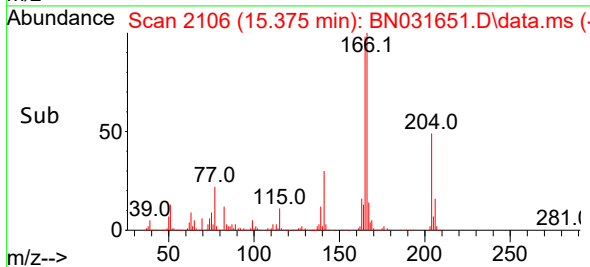
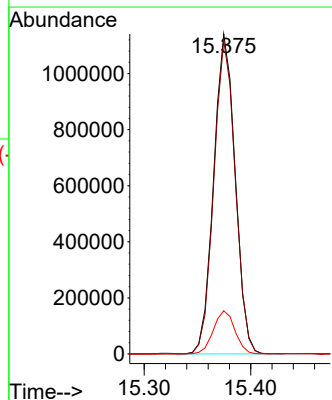
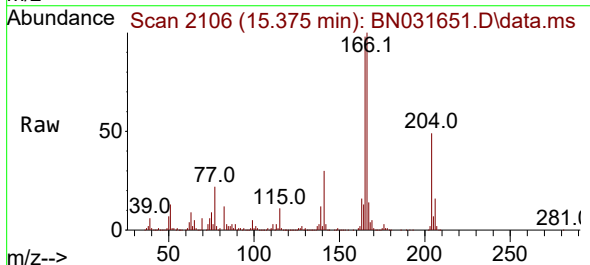
Instrument :
BNA_N
ClientSampleId :
SSTD020261

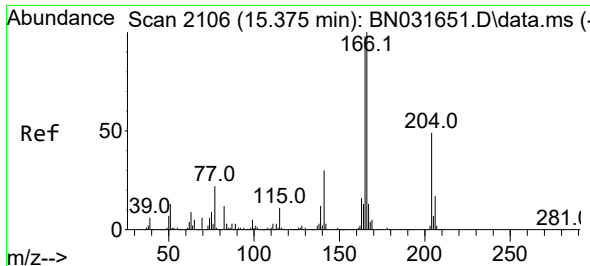
Tgt Ion:149 Resp: 1592096
Ion Ratio Lower Upper
149 100
177 21.4 16.3 24.5
150 12.5 10.0 15.0



#61
Fluorene
Concen: 20.266 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:166 Resp: 1600080
Ion Ratio Lower Upper
166 100
165 98.0 77.0 115.6
167 13.5 10.9 16.3

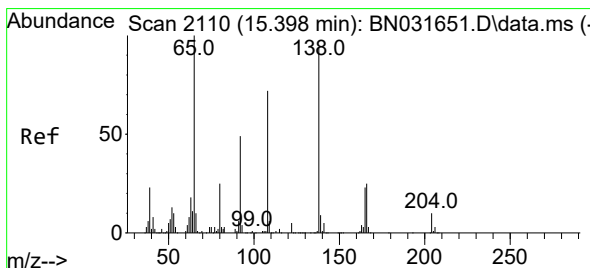
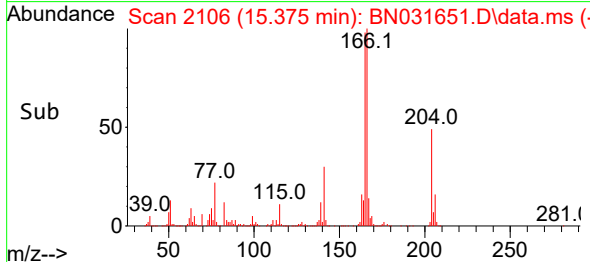
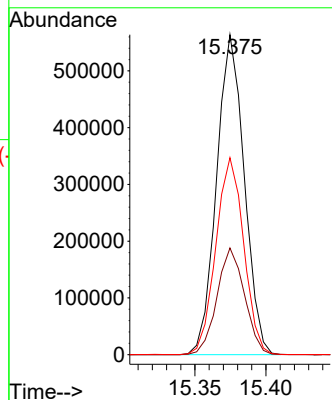
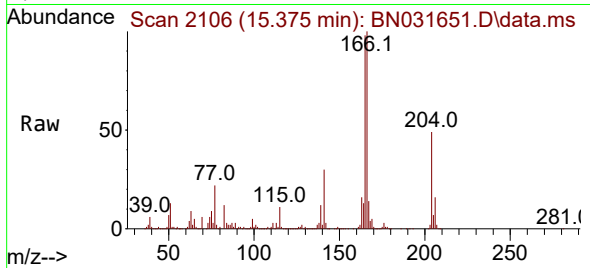




#62
4-Chlorophenyl-phenylether
Concen: 20.112 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

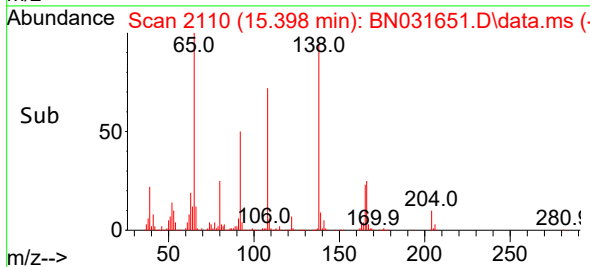
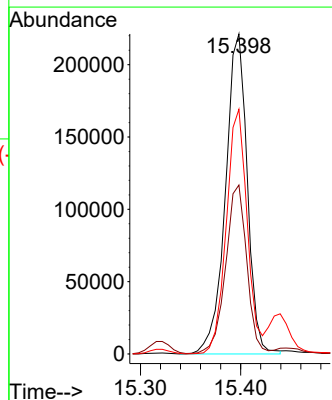
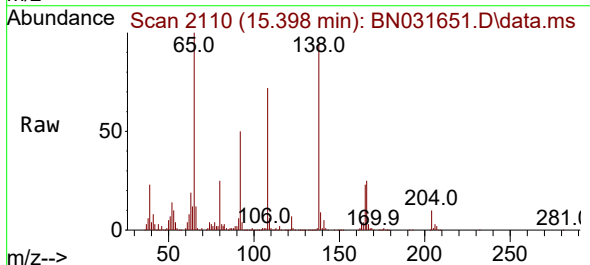
Instrument :
BNA_N
ClientSampleId :
SSTD020261

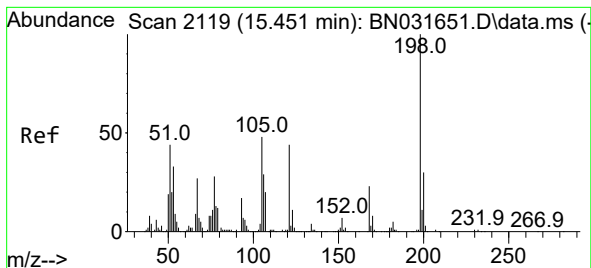
Tgt Ion:204 Resp: 764434
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 61.5 46.5 69.7



#63
4-Nitroaniline
Concen: 20.989 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:138 Resp: 334652
Ion Ratio Lower Upper
138 100
92 52.8 40.7 61.1
108 76.5 57.1 85.7

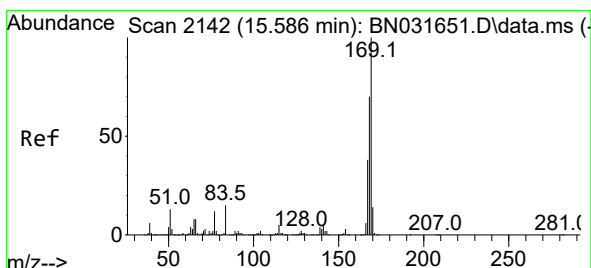
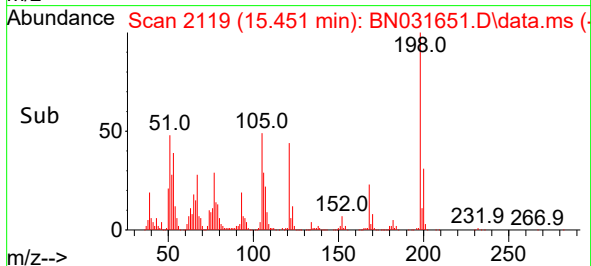
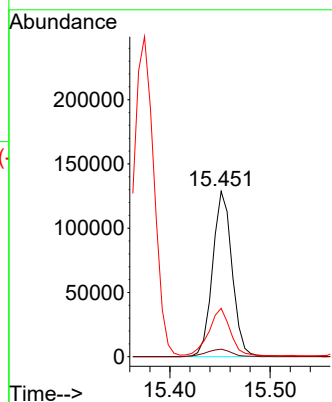
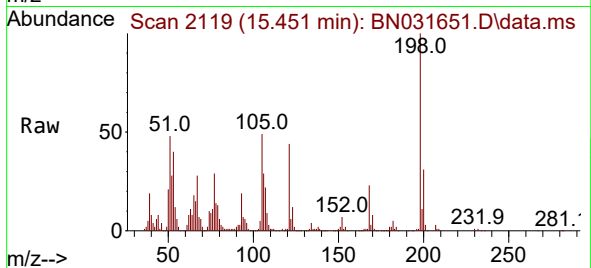




#66
4,6-Dinitro-2-methylphenol
Concen: 17.549 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

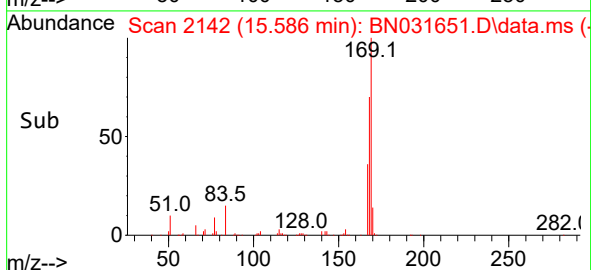
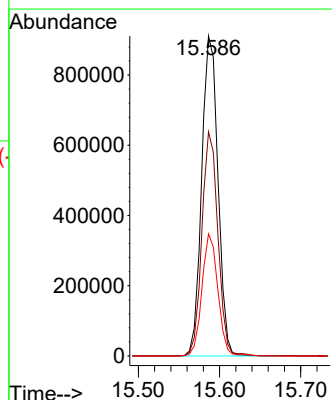
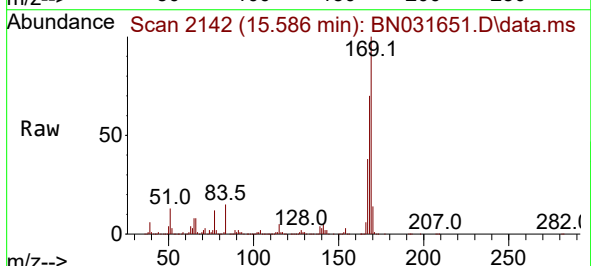
Instrument :
BNA_N
ClientSampleId :
SSTD020261

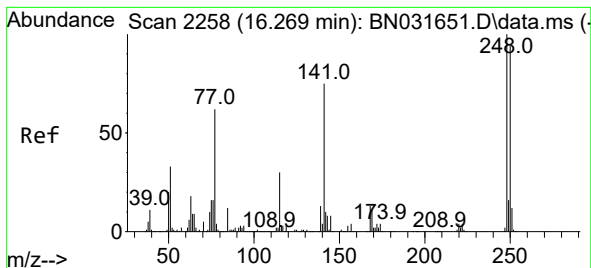
Tgt Ion:198 Resp: 174220
Ion Ratio Lower Upper
198 100
182 4.6 3.9 5.9
77 29.2 24.2 36.2



#67
N-Nitrosodiphenylamine
Concen: 20.553 ng/ul
RT: 15.586 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:169 Resp: 1266819
Ion Ratio Lower Upper
169 100
168 70.0 52.5 78.7
167 38.2 29.8 44.8

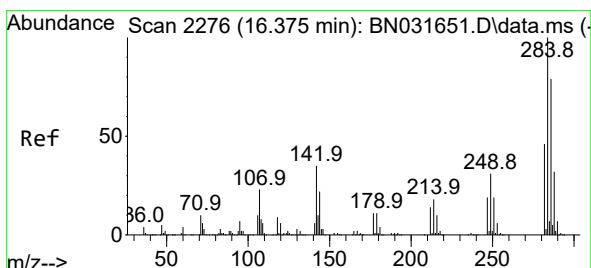
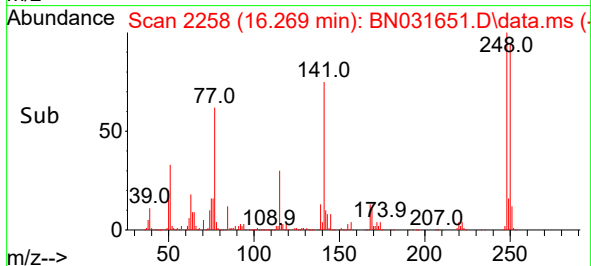
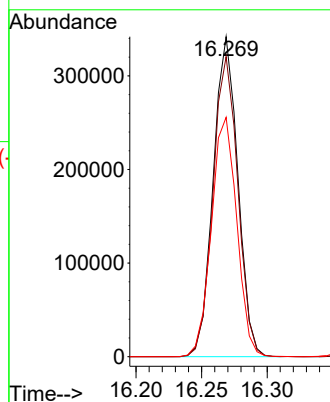
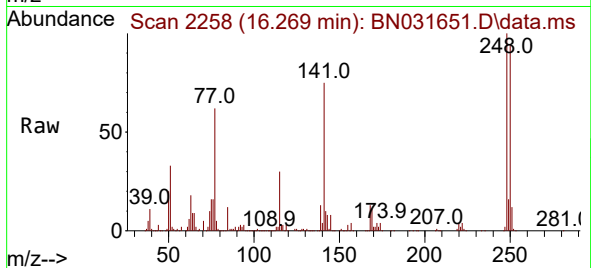




#68
4-Bromophenyl-phenylether
Concen: 21.193 ng/ul
RT: 16.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

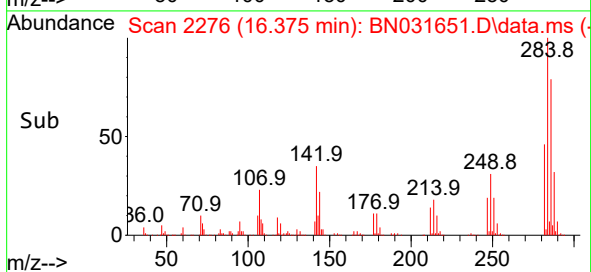
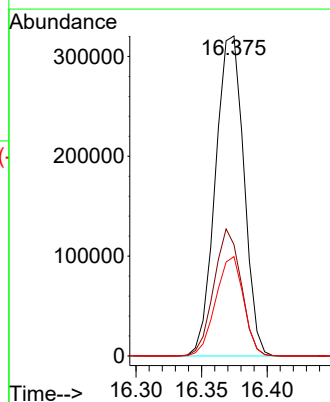
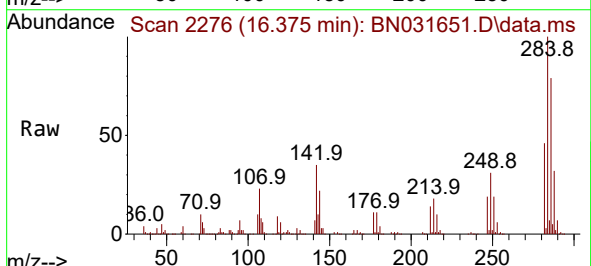
Instrument :
BNA_N
ClientSampleId :
SSTD020261

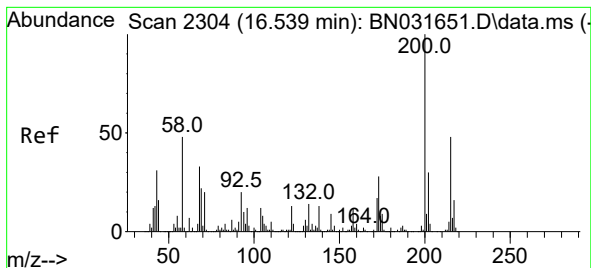
Tgt Ion:248 Resp: 446780
Ion Ratio Lower Upper
248 100
250 93.7 79.6 119.4
141 74.8 61.4 92.0



#69
Hexachlorobenzene
Concen: 21.244 ng/ul
RT: 16.375 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:284 Resp: 483357
Ion Ratio Lower Upper
284 100
142 34.8 33.0 49.4
249 31.1 26.4 39.6





#70

Atrazine

Concen: 20.439 ng/ul

RT: 16.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

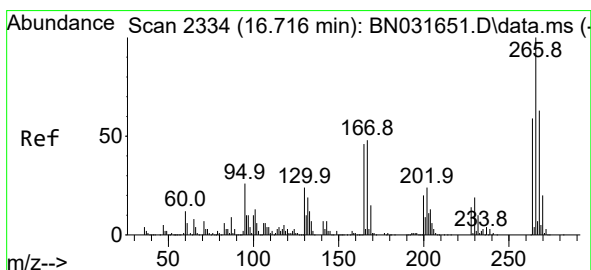
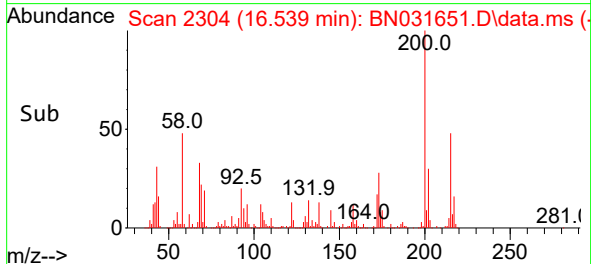
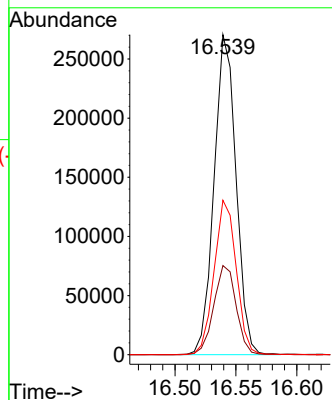
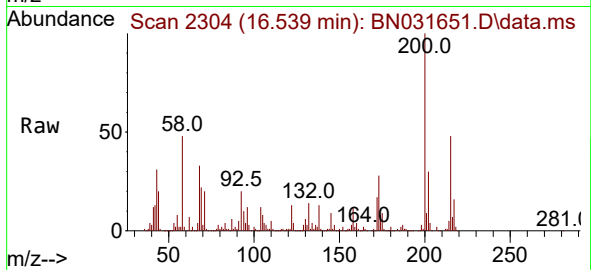
Tgt Ion:200 Resp: 339056

Ion Ratio Lower Upper

200 100

173 27.9 22.1 33.1

215 48.2 39.4 59.0



#71

Pentachlorophenol

Concen: 20.030 ng/ul

RT: 16.716 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

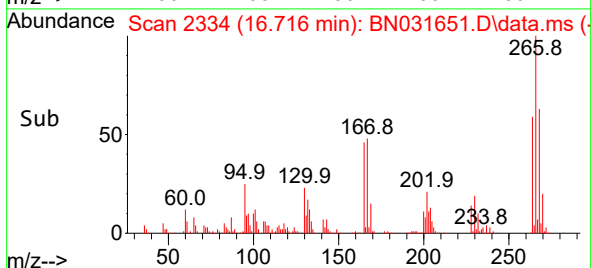
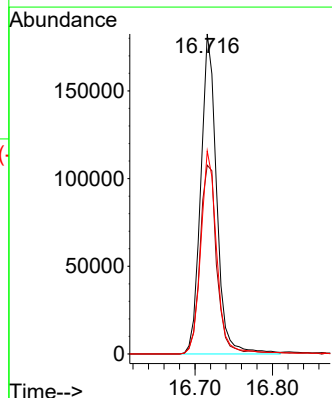
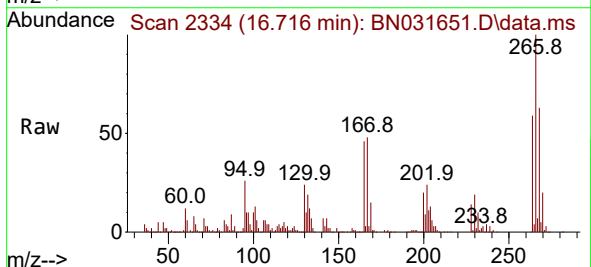
Tgt Ion:266 Resp: 259938

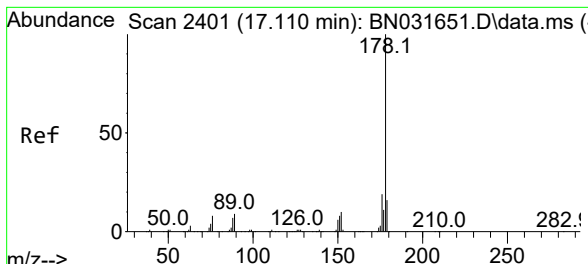
Ion Ratio Lower Upper

266 100

264 59.0 45.8 68.6

268 63.5 47.4 71.0



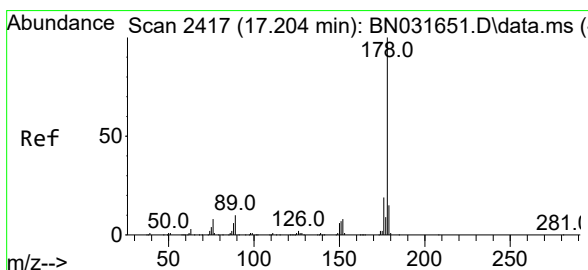
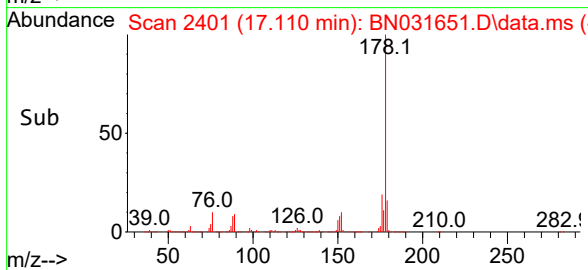
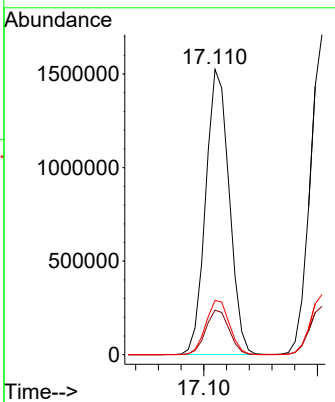
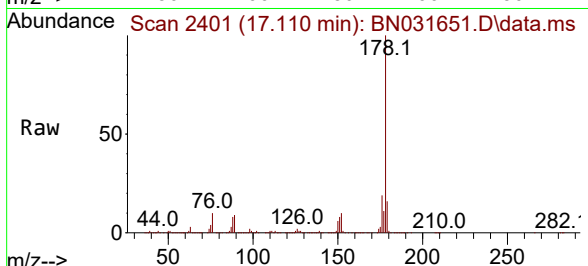


#72
 Phenanthrene
 Concen: 20.628 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031651.D
 Acq: 24 May 2024 08:25

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020261

Tgt Ion:178 Resp: 2191882

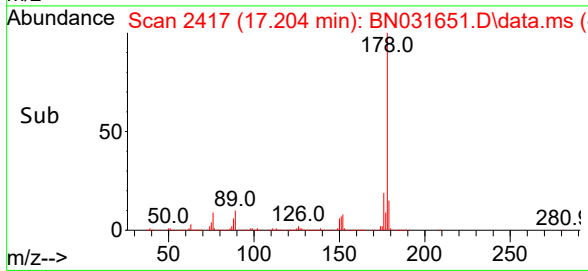
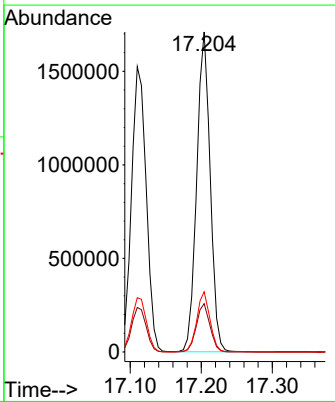
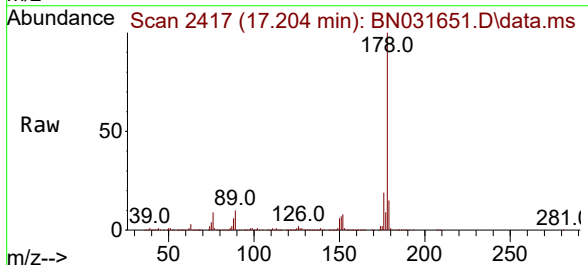
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.0	15.2	22.8

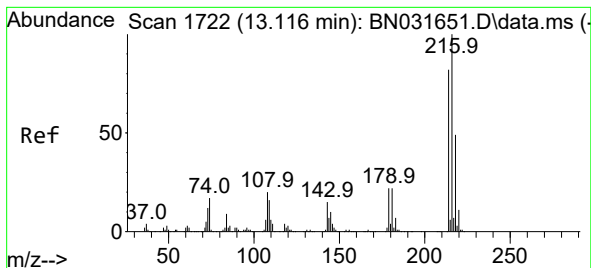


#74
 Anthracene
 Concen: 21.218 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031651.D
 Acq: 24 May 2024 08:25

Tgt Ion:178 Resp: 2262086

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	18.8	15.4	23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.759 ng/uL

RT: 13.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

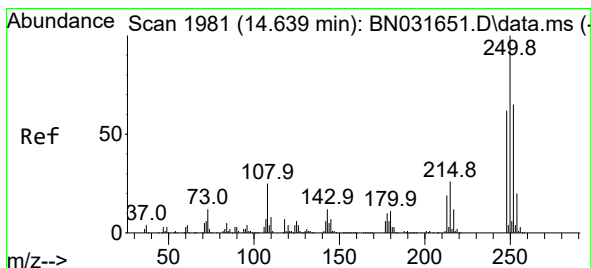
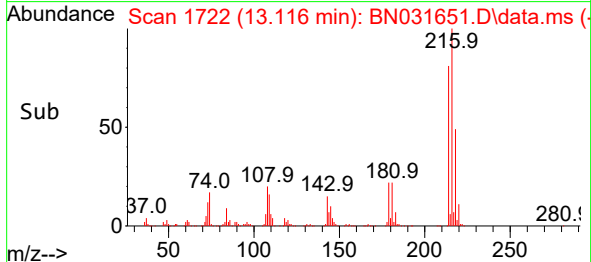
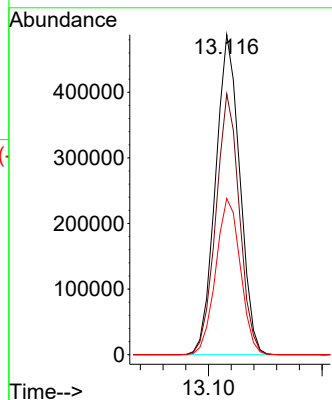
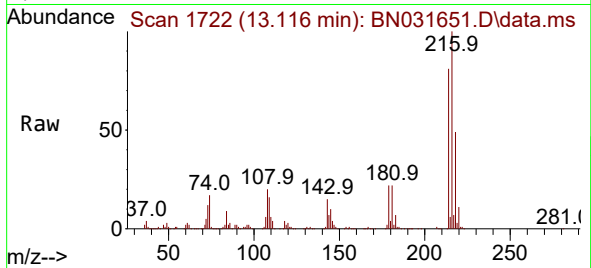
Tgt Ion:216 Resp: 724270

Ion Ratio Lower Upper

216 100

214 81.5 61.7 92.5

218 48.8 39.0 58.6



#76

Pentachlorobenzene

Concen: 21.242 ng/uL

RT: 14.639 min Scan# 1981

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

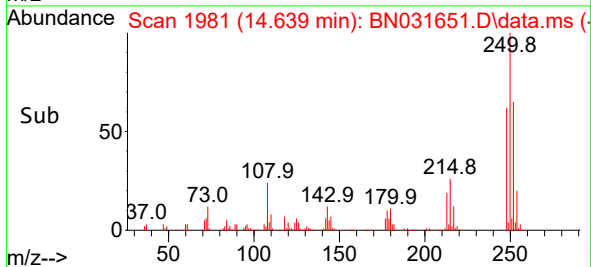
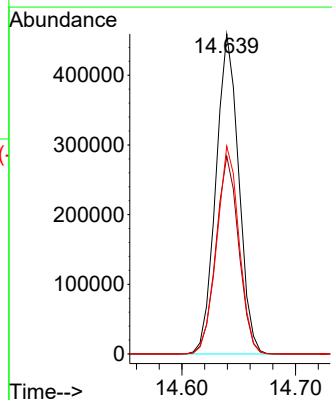
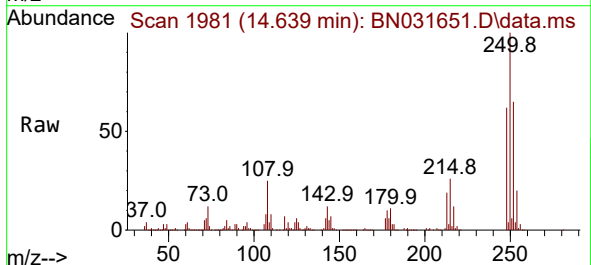
Tgt Ion:250 Resp: 640226

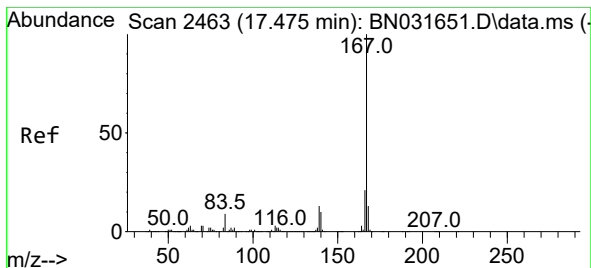
Ion Ratio Lower Upper

250 100

248 61.8 47.3 70.9

252 65.0 51.0 76.4





#77

Carbazole

Concen: 21.342 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

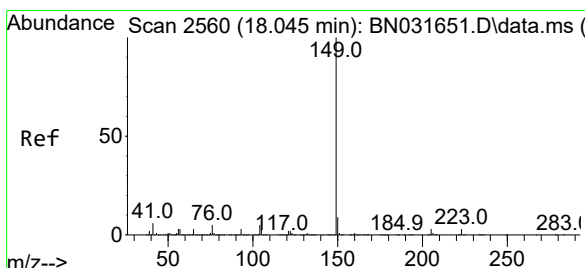
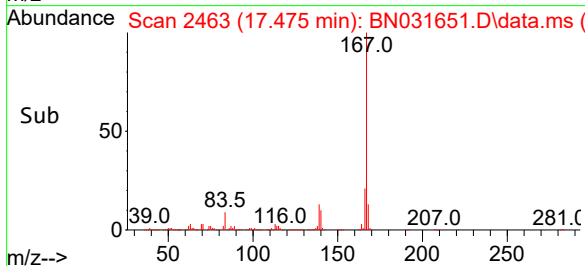
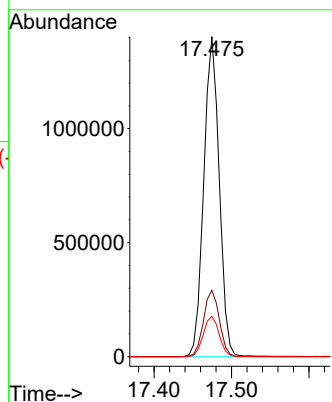
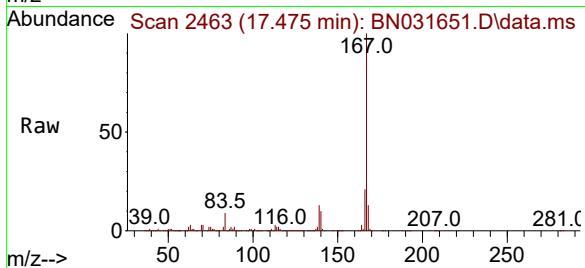
Tgt Ion:167 Resp: 1941591

Ion Ratio Lower Upper

167 100

166 20.7 16.7 25.1

139 12.6 10.5 15.7



#78

Di-n-butylphthalate

Concen: 21.776 ng/ul

RT: 18.045 min Scan# 2560

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

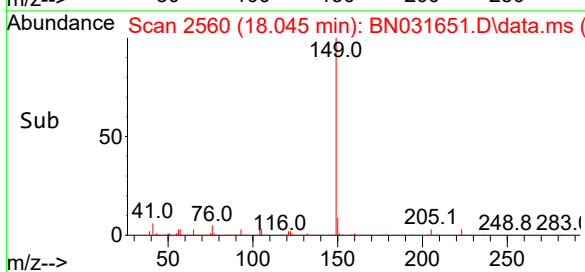
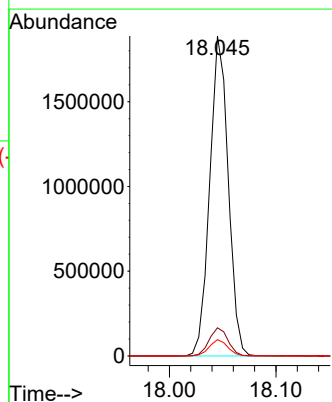
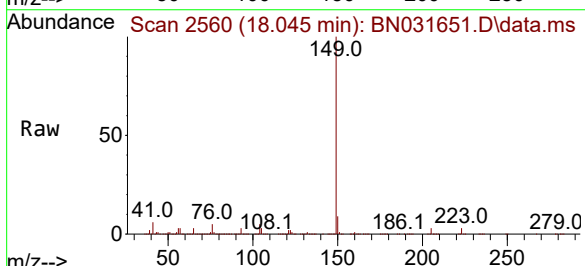
Tgt Ion:149 Resp: 2274753

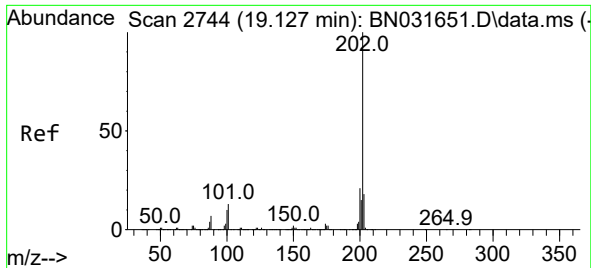
Ion Ratio Lower Upper

149 100

150 8.8 7.0 10.6

104 5.1 4.2 6.2

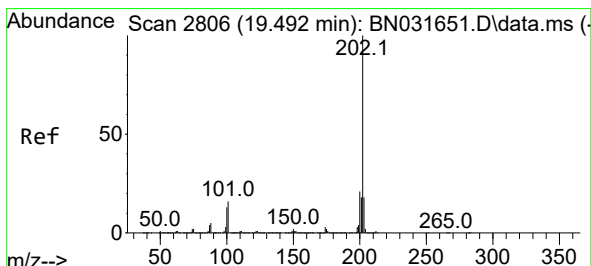
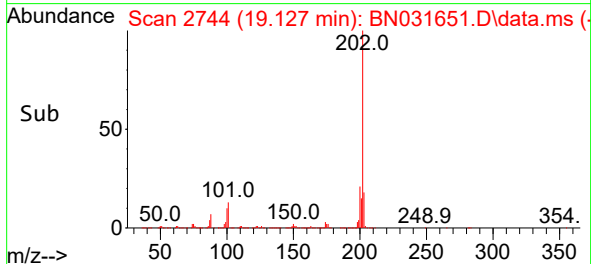
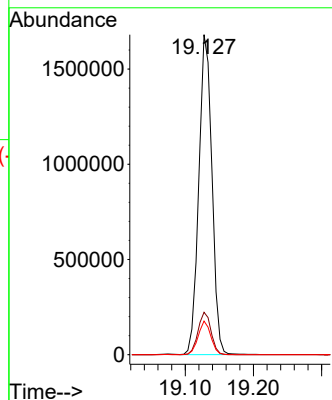
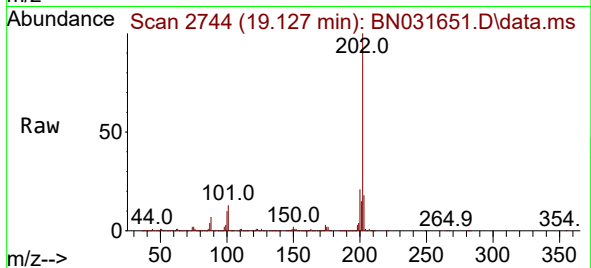




#80
Fluoranthene
Concen: 16.731 ng/ul
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

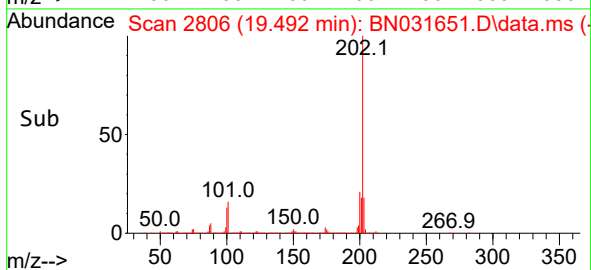
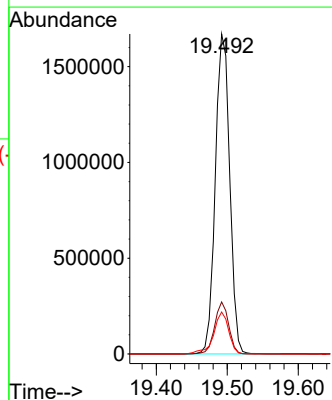
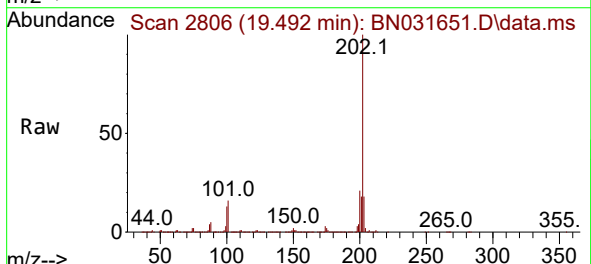
Instrument :
BNA_N
ClientSampleId :
SSTD020261

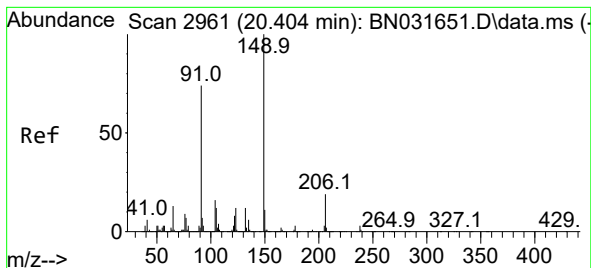
Tgt Ion:202 Resp: 2249902
Ion Ratio Lower Upper
202 100
101 13.3 10.1 15.1
100 10.5 8.0 12.0



#82
Pyrene
Concen: 16.993 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031651.D
Acq: 24 May 2024 08:25

Tgt Ion:202 Resp: 2343487
Ion Ratio Lower Upper
202 100
101 16.2 11.4 17.2
100 13.1 9.3 13.9





#83

Butylbenzylphthalate

Concen: 18.795 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

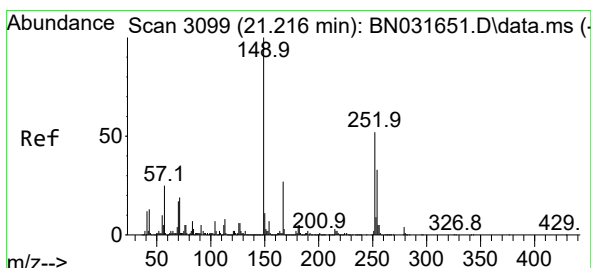
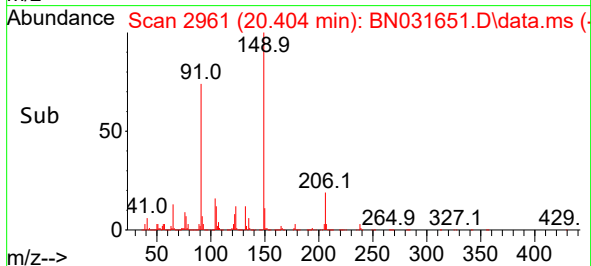
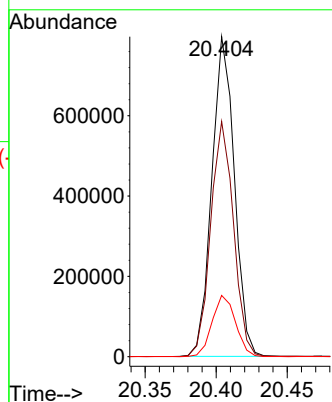
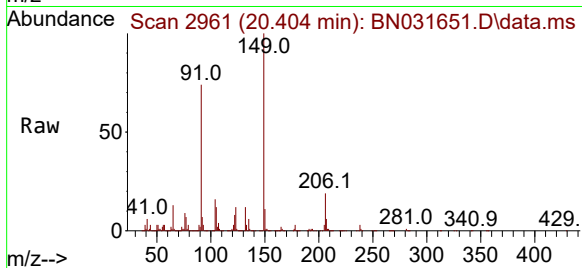
Tgt Ion:149 Resp: 879675

Ion Ratio Lower Upper

149 100

91 73.5 60.8 91.2

206 19.1 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 19.776 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

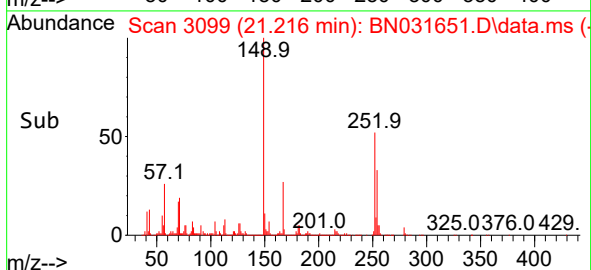
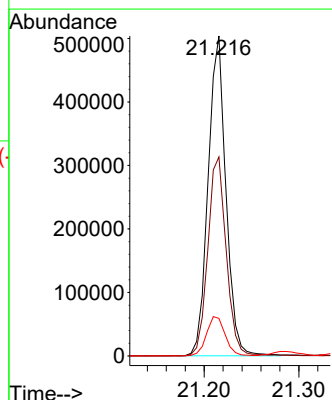
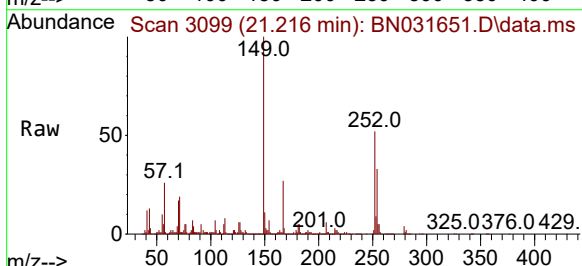
Tgt Ion:252 Resp: 659543

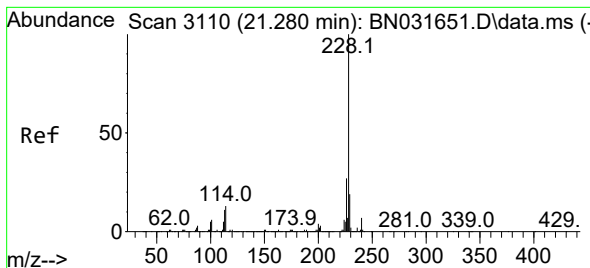
Ion Ratio Lower Upper

252 100

254 62.2 51.4 77.0

126 11.7 10.6 15.8





#85

Benzo(a)anthracene

Concen: 20.595 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

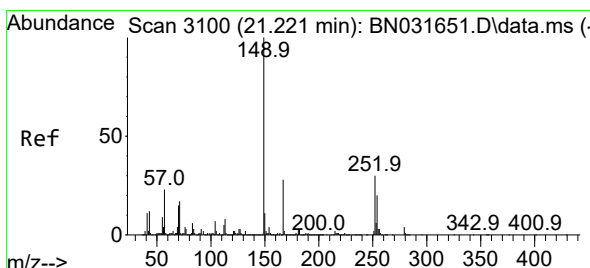
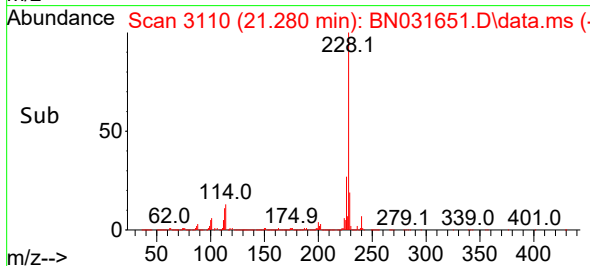
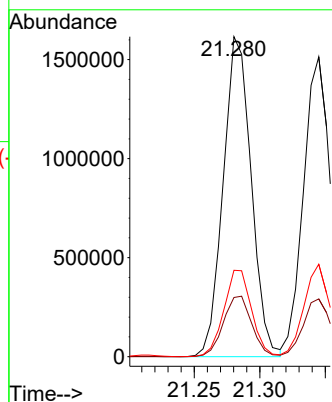
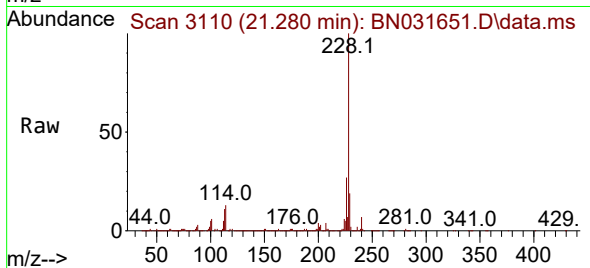
Tgt Ion:228 Resp: 2402128

Ion Ratio Lower Upper

228 100

229 18.5 15.7 23.5

226 27.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.082 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

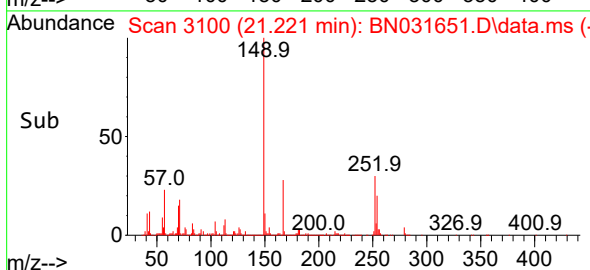
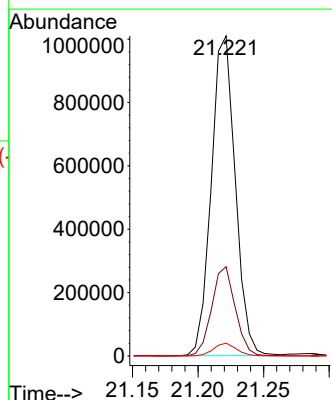
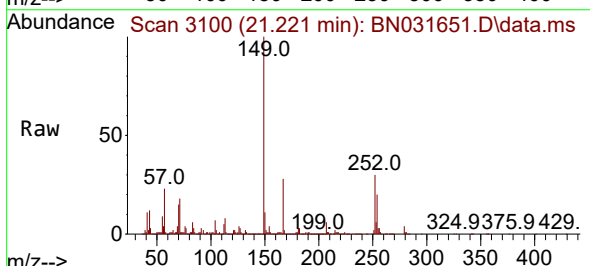
Tgt Ion:149 Resp: 1286948

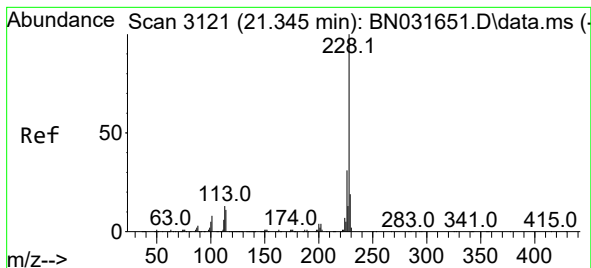
Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

279 4.0 2.8 4.2





#87

Chrysene

Concen: 20.238 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

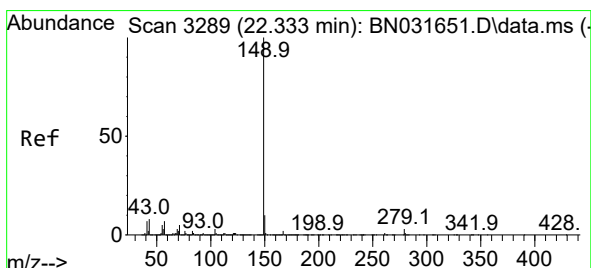
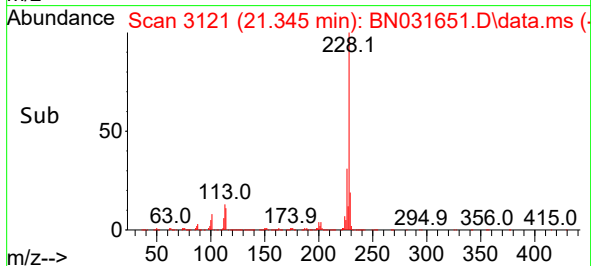
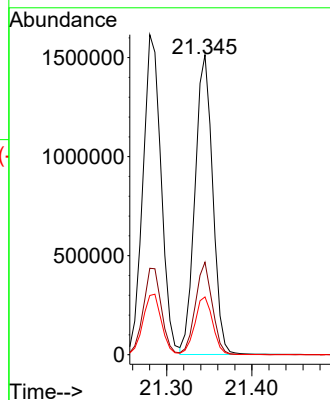
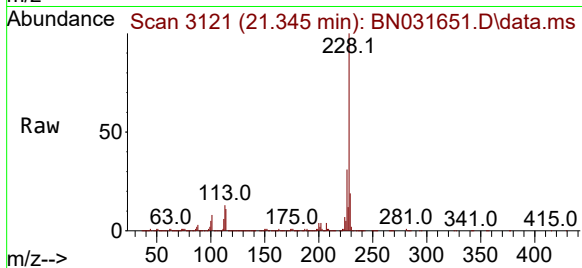
Tgt Ion:228 Resp: 2180361

Ion Ratio Lower Upper

228 100

226 30.8 22.9 34.3

229 19.3 15.2 22.8



#89

Di-n-octyl phthalate

Concen: 17.261 ng/ul

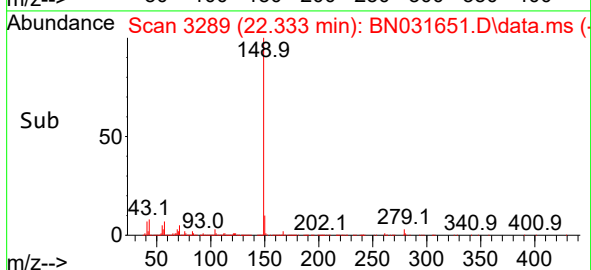
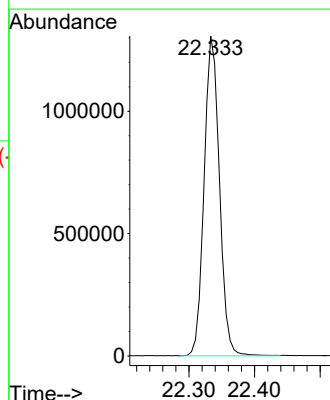
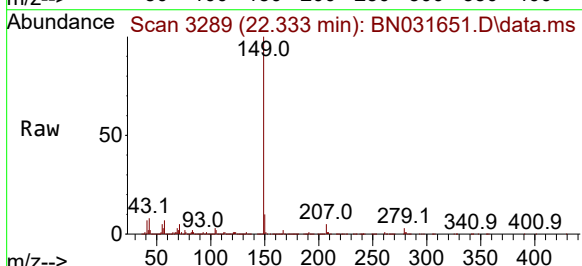
RT: 22.333 min Scan# 3289

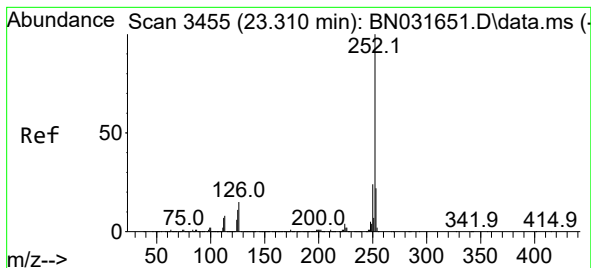
Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Tgt Ion:149 Resp: 2123119





#90

Benzo(b)fluoranthene

Concen: 19.313 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

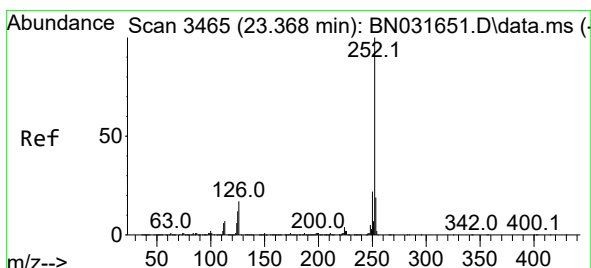
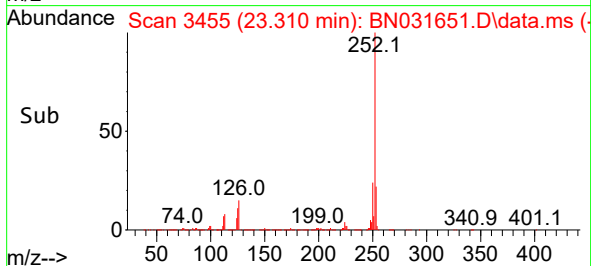
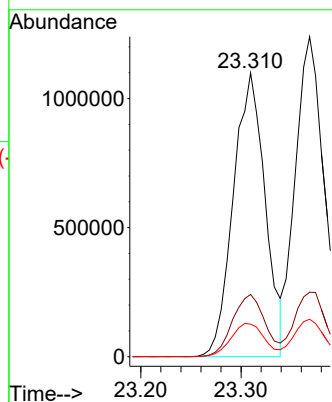
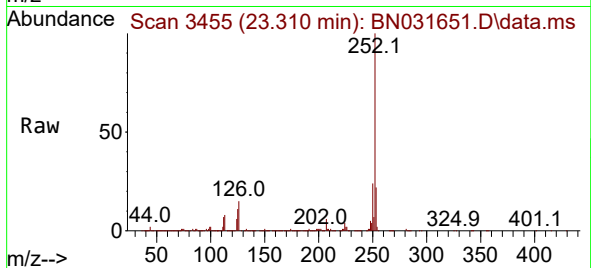
Tgt Ion:252 Resp: 2425511

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

125 11.5 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 19.238 ng/ul

RT: 23.368 min Scan# 3465

Delta R.T. -0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

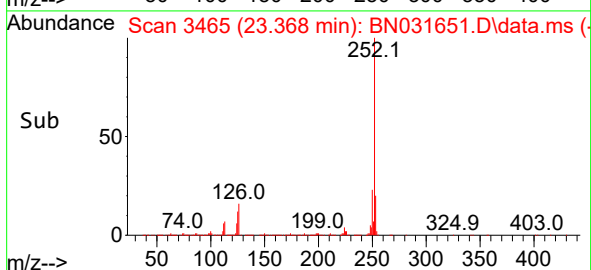
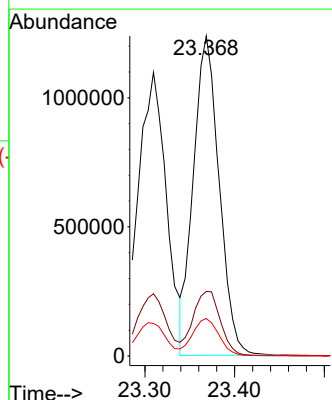
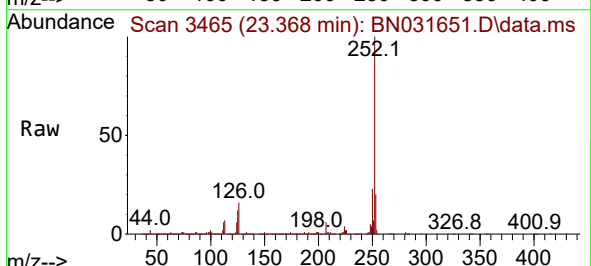
Tgt Ion:252 Resp: 2462851

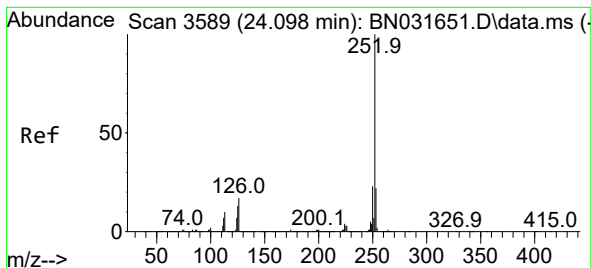
Ion Ratio Lower Upper

252 100

253 20.1 17.4 26.0

125 11.7 9.3 13.9





#93

Benzo(a)pyrene

Concen: 19.818 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

Instrument :

BNA_N

ClientSampleId :

SSTD020261

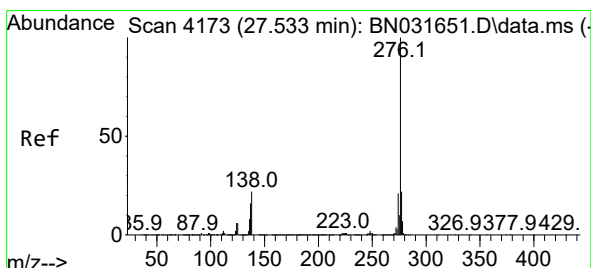
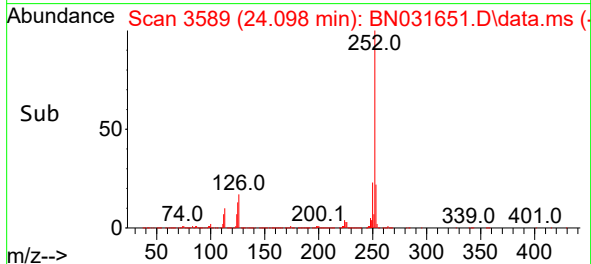
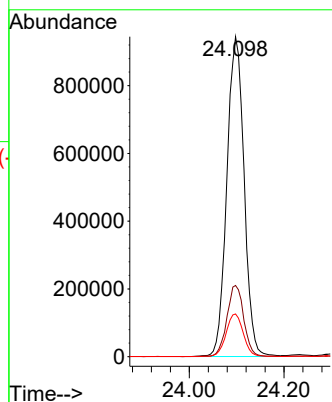
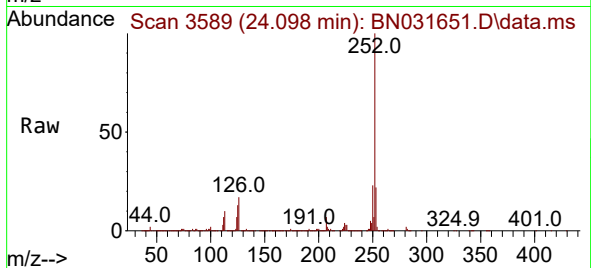
Tgt Ion:252 Resp: 2390846

Ion Ratio Lower Upper

252 100

253 22.3 16.6 24.8

125 13.3 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.667 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. -0.000 min

Lab File: BN031651.D

Acq: 24 May 2024 08:25

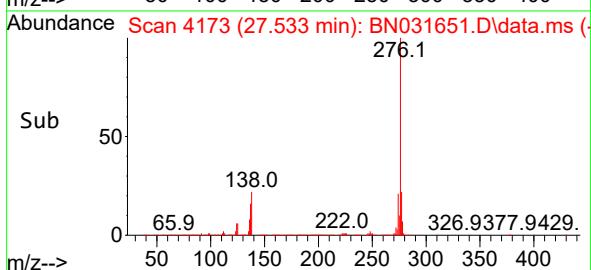
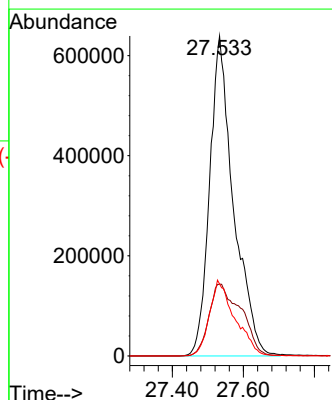
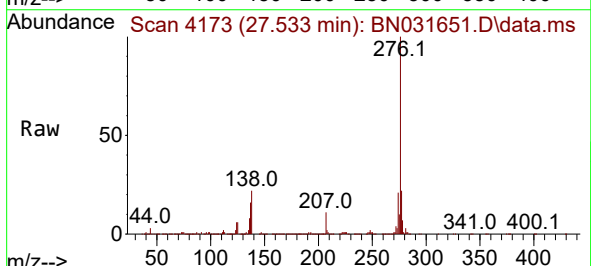
Tgt Ion:276 Resp: 2992281

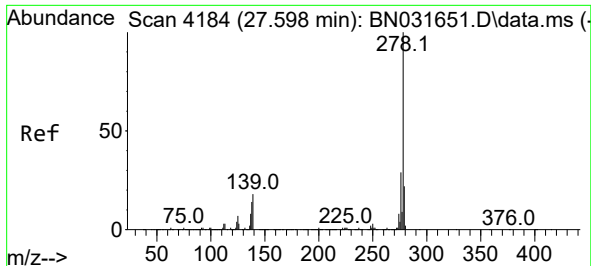
Ion Ratio Lower Upper

276 100

138 22.5 19.8 29.6

277 22.5 18.2 27.4

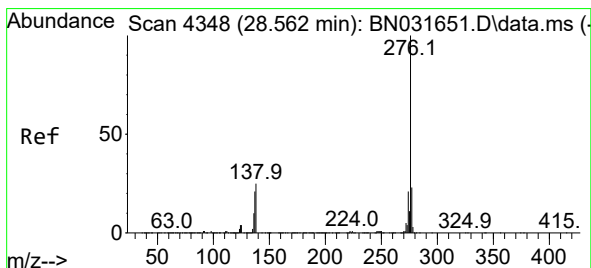
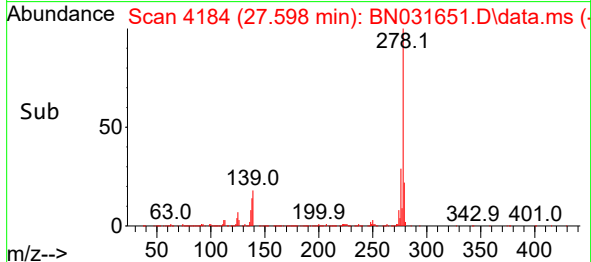
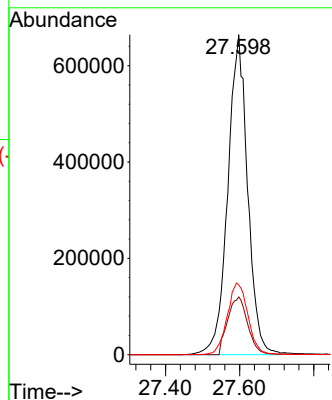
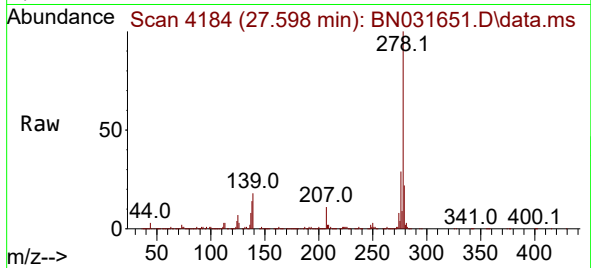




#95
 Dibenzo(a,h)anthracene
 Concen: 20.683 ng/ul
 RT: 27.598 min Scan# 4184
 Delta R.T. 0.006 min
 Lab File: BN031651.D
 Acq: 24 May 2024 08:25

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020261

Tgt Ion:278 Resp: 2466085
 Ion Ratio Lower Upper
 278 100
 139 18.0 15.2 22.8
 279 21.8 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 20.114 ng/ul
 RT: 28.562 min Scan# 4348
 Delta R.T. 0.006 min
 Lab File: BN031651.D
 Acq: 24 May 2024 08:25

Tgt Ion:276 Resp: 2406148
 Ion Ratio Lower Upper
 276 100
 138 25.4 19.5 29.3
 277 23.1 17.6 26.4

