

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031633.D
 Acq On : 23 May 2024 15:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020259

Quant Time: May 23 22:51:34 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	7.693	152	465754	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2062328	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1256296	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2451156	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1602441	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1353202	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	94220	8.018	ng/uL	0.00
4) Pyridine-d5	3.599	84	677309	20.655	ng/u1	0.00
7) Phenol-d5	6.857	99	805919	21.020	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	486733	21.167	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	600525	20.327	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	640136	21.567	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	300198	19.233	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	279981	18.785	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	586569	20.128	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	874620	20.820	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	1659875	20.965	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2016110	20.317	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	317059	21.165	ng/u1	0.00
60) Fluorene-d10	15.322	176	1458298	21.254	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	182525	17.224	ng/u1	0.00
73) Anthracene-d10	17.169	188	2089788	20.140	ng/u1	0.00
81) Pyrene-d10	19.463	212	2151746	21.408	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1319071	20.709	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	99707	8.052	ng/uL	97
5) Pyridine	3.622	79	694173	21.509	ng/u1	96
6) Benzaldehyde	6.840	77	461148	23.482	ng/u1	98
8) Phenol	6.881	94	842409	21.379	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	687399	21.022	ng/u1	100
12) 2-Chlorophenol	7.252	128	623637	20.128	ng/u1	98
13) 2-Methylphenol	8.128	108	622747	21.098	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	810583	21.460	ng/u1	98
16) Acetophenone	8.510	105	1028436	22.214	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	510198	21.451	ng/u1	100
18) 4-Methylphenol	8.451	108	672047	21.423	ng/u1	96
19) Hexachloroethane	8.763	117	269024	20.322	ng/u1	98
22) Nitrobenzene	8.887	77	754781	19.741	ng/u1	97
23) Isophorone	9.410	82	1461420	20.093	ng/u1	99
25) 2-Nitrophenol	9.593	139	322247	19.398	ng/u1	97
26) 2,4-Dimethylphenol	9.651	107	673027	19.833	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	918090	19.801	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	576614	19.959	ng/u1	96
30) Naphthalene	10.522	128	2133029	20.097	ng/u1	100
32) 4-Chloroaniline	10.634	127	868438	21.187	ng/u1	100
33) Hexachlorobutadiene	10.804	225	342326	19.363	ng/u1	97
34) Caprolactam	11.393	113	200092	21.385	ng/u1	98
35) 4-Chloro-3-methylphenol	11.757	107	658337	20.983	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	1420031	20.445	ng/u1	96

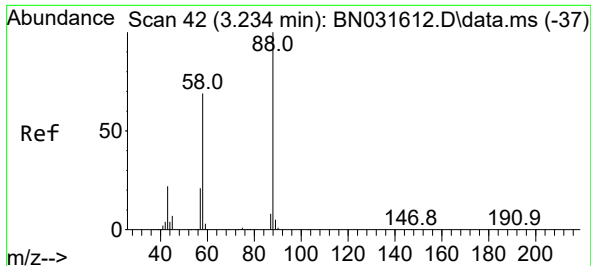
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1407587	20.473	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.504	216	688229	19.357	ng/ul	100
40) Hexachlorocyclopentadiene	12.487	237	349207	16.385	ng/ul	93
41) 2,4,6-Trichlorophenol	12.751	196	439295	19.995	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	465262	19.562	ng/ul	84
43) 1,1'-Biphenyl	13.163	154	1820657	20.102	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	1427501	19.905	ng/ul	98
45) 2-Nitroaniline	13.410	65	389867	20.766	ng/ul	97
47) Dimethylphthalate	13.792	163	1720543	21.297	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	328859	21.359	ng/ul	97
50) Acenaphthylene	14.051	152	2364789	20.644	ng/ul	99
51) 3-Nitroaniline	14.234	138	368678	21.096	ng/ul	98
52) Acenaphthene	14.392	153	1518834	20.465	ng/ul	94
53) 2,4-Dinitrophenol	14.439	184	114127	16.142	ng/ul	96
55) 4-Nitrophenol	14.539	109	241600	21.405	ng/ul	96
56) Dibenzofuran	14.728	168	2029340	20.482	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	470086	22.790	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	361422	20.919	ng/ul	99
59) Diethylphthalate	15.163	149	1674264	21.994	ng/ul	97
61) Fluorene	15.375	166	1671432	21.536	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	780269	20.883	ng/ul	95
63) 4-Nitroaniline	15.398	138	365749	23.336	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.451	198	202487	17.423	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	1414040	19.597	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	473190	19.173	ng/ul	96
69) Hexachlorobenzene	16.375	284	527904	19.819	ng/ul	94
70) Atrazine	16.545	200	391514	20.161	ng/ul	98
71) Pentachlorophenol	16.716	266	280713	18.477	ng/ul	87
72) Phenanthrene	17.116	178	2521438	20.269	ng/ul	99
74) Anthracene	17.204	178	2528909	20.263	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.116	216	684920	17.577	ng/ul	97
76) Pentachlorobenzene	14.639	250	627584	17.786	ng/ul	95
77) Carbazole	17.475	167	2312637	21.714	ng/ul	98
78) Di-n-butylphthalate	18.051	149	2657178	21.729	ng/ul	100
80) Fluoranthene	19.127	202	2635222	21.211	ng/ul	99
82) Pyrene	19.492	202	2679210	21.028	ng/ul	98
83) Butylbenzylphthalate	20.410	149	961726	22.241	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.215	252	550699	17.873	ng/ul	94
85) Benzo(a)anthracene	21.286	228	2144335	19.900	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	1308854	22.106	ng/ul	98
87) Chrysene	21.345	228	1981079	19.903	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	1770215	22.888	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1652461	20.926	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1733828	21.539	ng/ul	100
93) Benzo(a)pyrene	24.098	252	1586813	20.919	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.527	276	1812718	19.911	ng/ul	99
95) Dibenzo(a,h)anthracene	27.592	278	1502688	20.044	ng/ul	97
96) Benzo(g,h,i)perylene	28.562	276	1523917	20.260	ng/ul	100

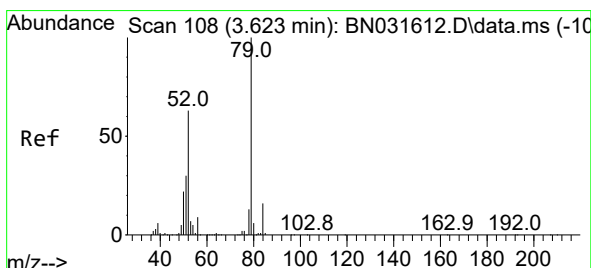
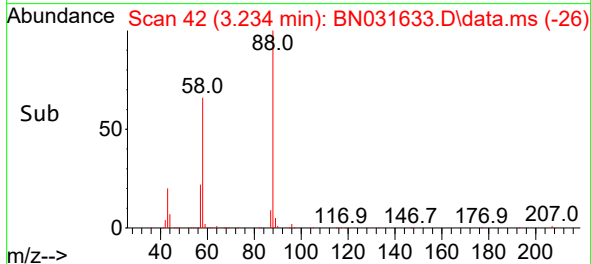
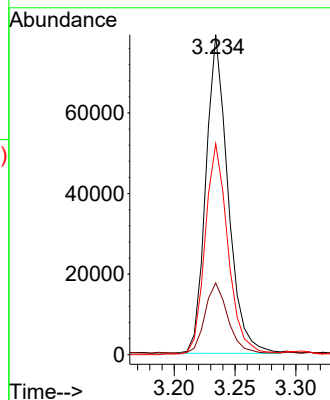
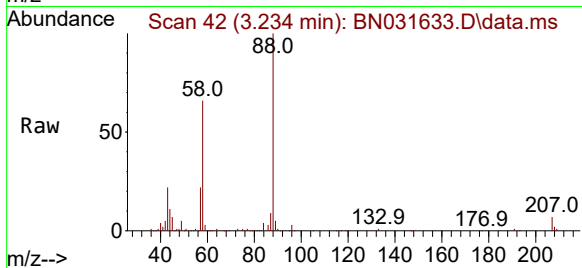
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#2
 1,4-Dioxane
 Concen: 8.052 ng/uL
 RT: 3.234 min Scan# 41
 Delta R.T. -0.006 min
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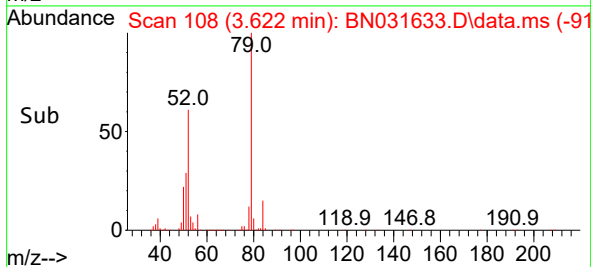
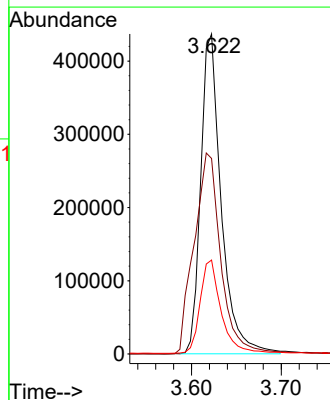
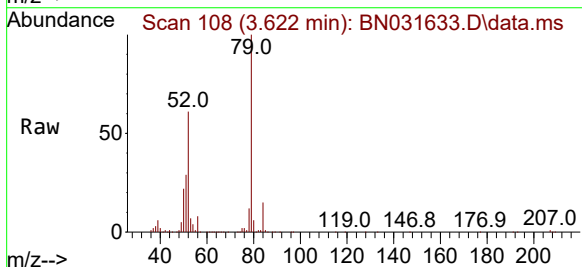
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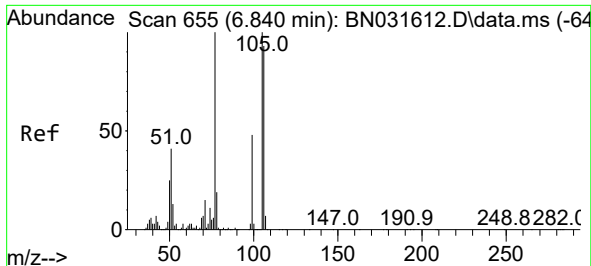
Tgt Ion:	88	Resp:	99707
Ion	Ratio	Lower	Upper
88	100		
43	22.4	18.3	27.5
58	65.9	55.5	83.3



#5
 Pyridine
 Concen: 21.509 ng/uL
 RT: 3.622 min Scan# 108
 Delta R.T. -0.000 min
 Lab File: BN031633.D
 Acq: 23 May 2024 15:37

Tgt Ion:	79	Resp:	694173
Ion	Ratio	Lower	Upper
79	100		
52	61.1	52.3	78.5
51	29.3	24.4	36.6

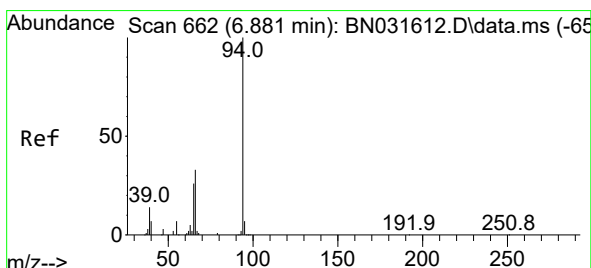
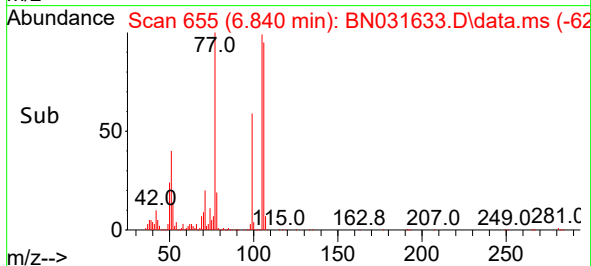
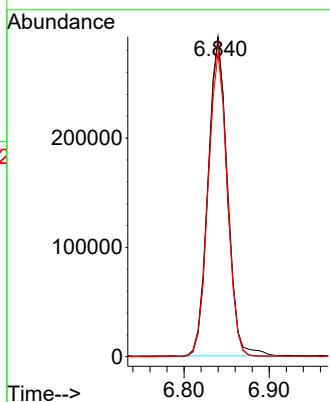
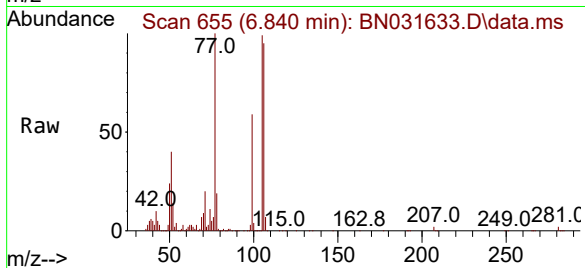




#6
Benzaldehyde
Concen: 23.482 ng/ul
RT: 6.840 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

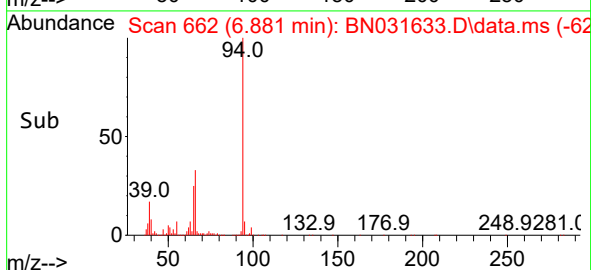
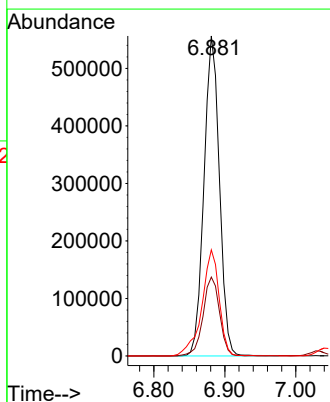
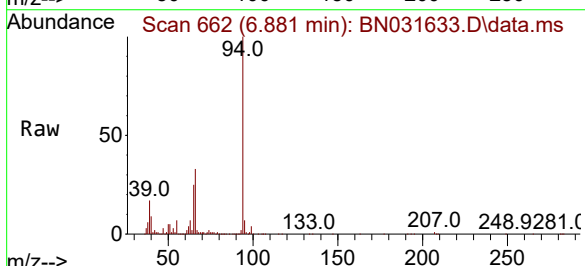
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ClientSampleId :
SSTD020259

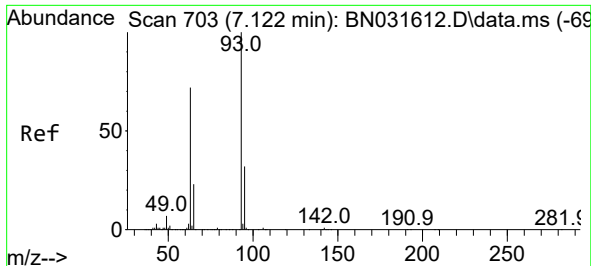
Tgt Ion: 77 Resp: 461148
Ion Ratio Lower Upper
77 100
105 98.5 82.1 123.1
106 94.8 75.5 113.3



#8
Phenol
Concen: 21.379 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion: 94 Resp: 842409
Ion Ratio Lower Upper
94 100
65 24.6 20.8 31.2
66 33.2 26.7 40.1

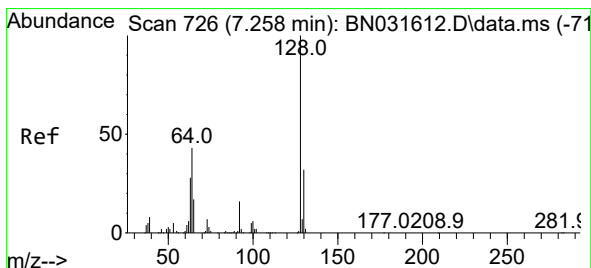
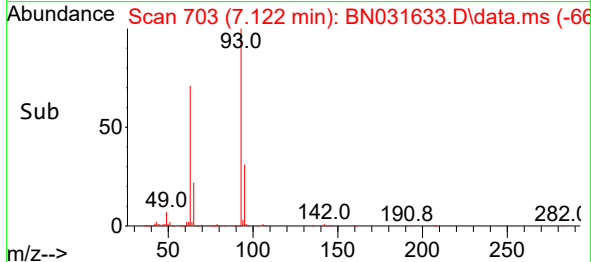
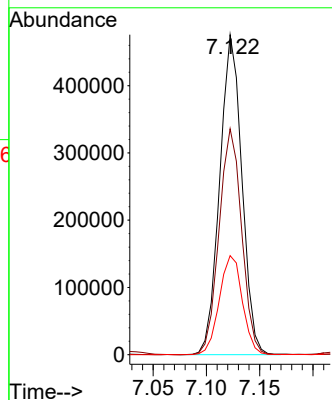
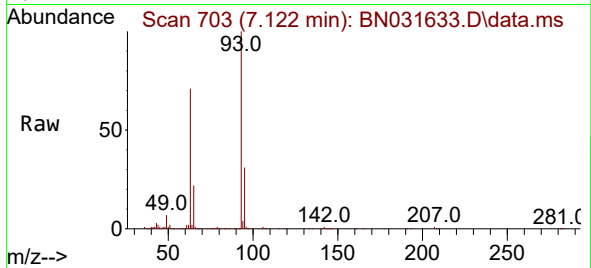




#10
Bis(2-Chloroethyl)ether
Concen: 21.022 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

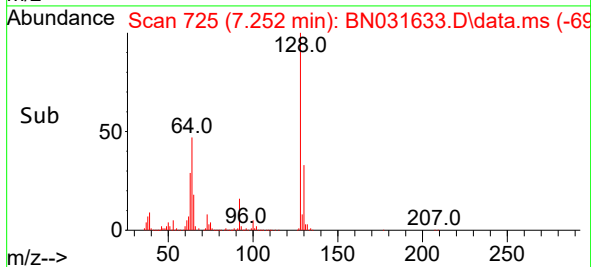
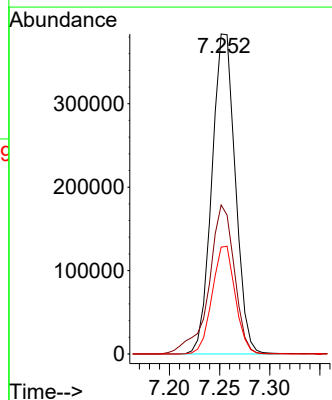
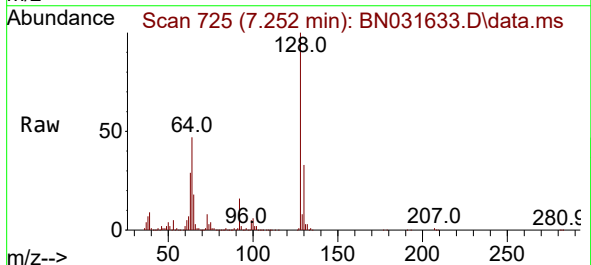
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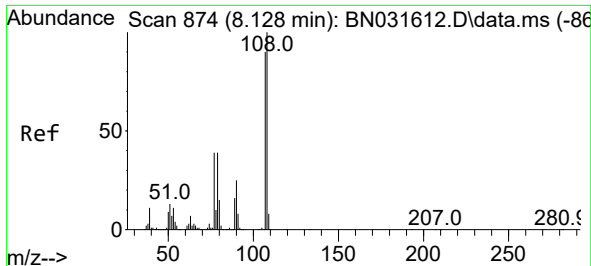
Tgt Ion: 93 Resp: 687399
Ion Ratio Lower Upper
93 100
63 70.6 56.3 84.5
95 30.9 25.2 37.8



#12
2-Chlorophenol
Concen: 20.128 ng/ul
RT: 7.252 min Scan# 725
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:128 Resp: 623637
Ion Ratio Lower Upper
128 100
64 46.5 36.1 54.1
130 33.4 26.0 39.0

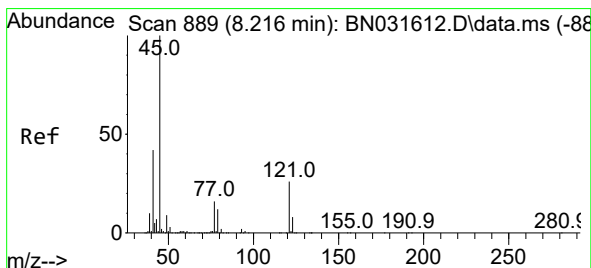
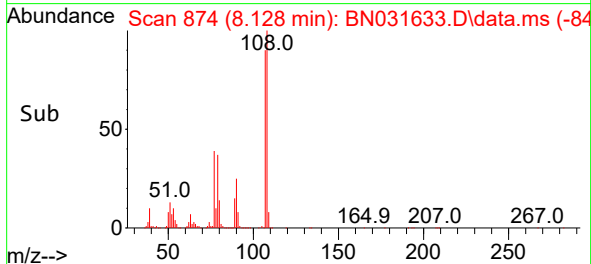
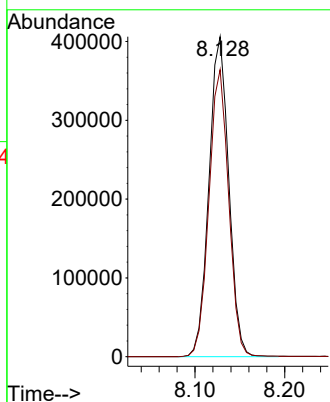
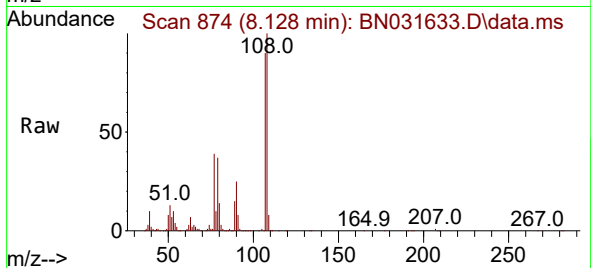




#13
2-Methylphenol
Concen: 21.098 ng/ul
RT: 8.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

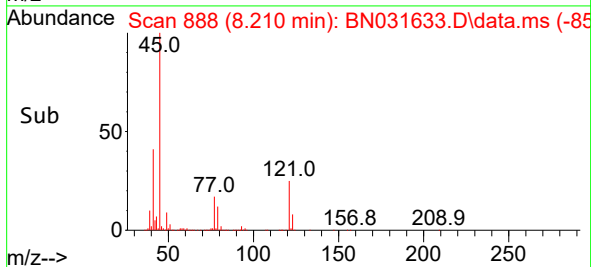
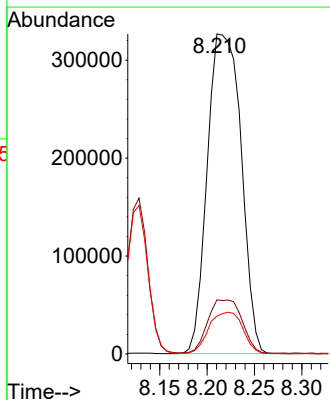
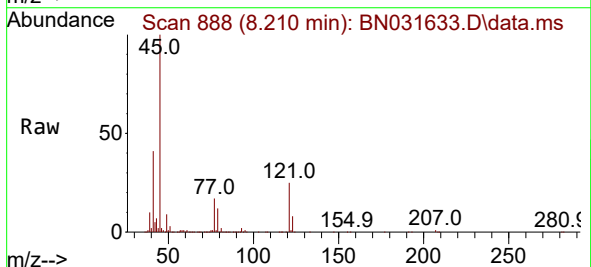
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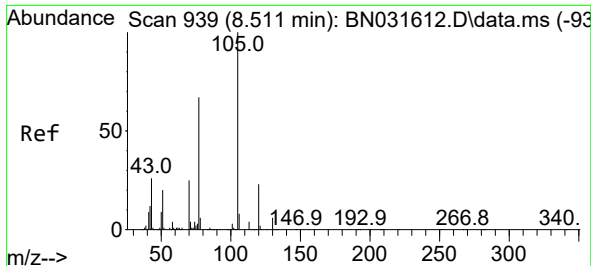
Tgt Ion:108 Resp: 622747
Ion Ratio Lower Upper
108 100
107 89.7 71.0 106.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.460 ng/ul
RT: 8.210 min Scan# 888
Delta R.T. -0.012 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion: 45 Resp: 810583
Ion Ratio Lower Upper
45 100
77 16.9 13.2 19.8
79 11.8 10.6 16.0

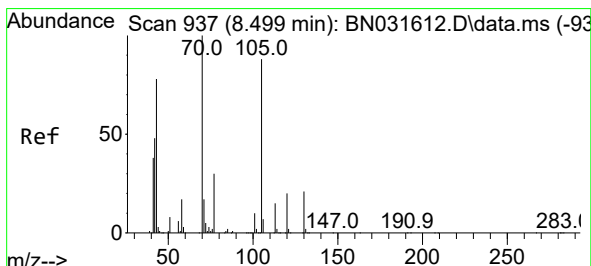
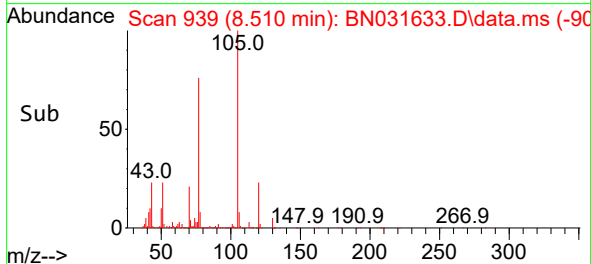
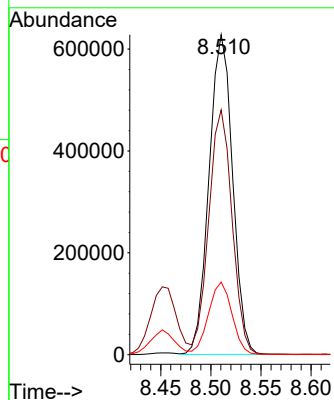
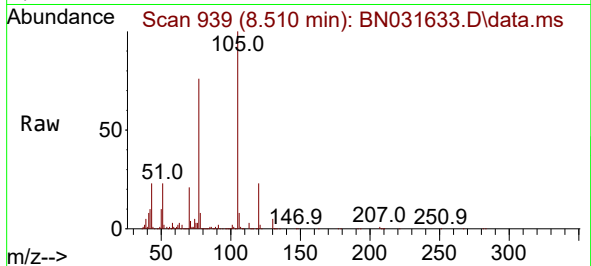




#16
Acetophenone
Concen: 22.214 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031633.D
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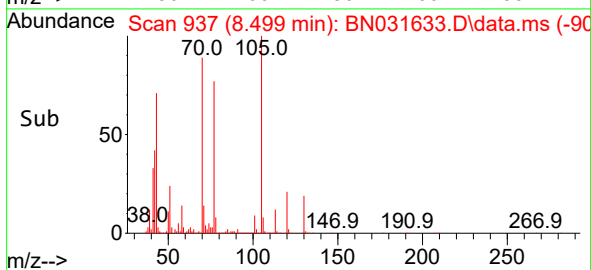
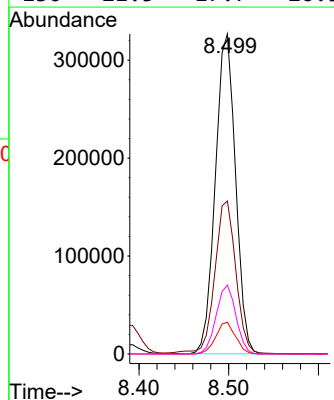
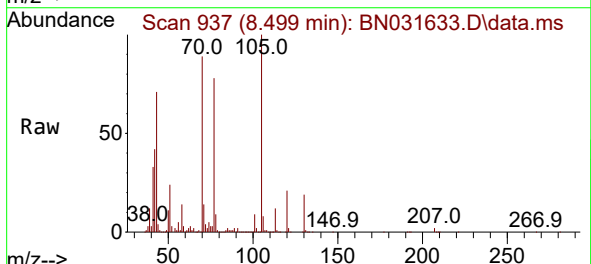
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ClientSampleId :
SSTD020259

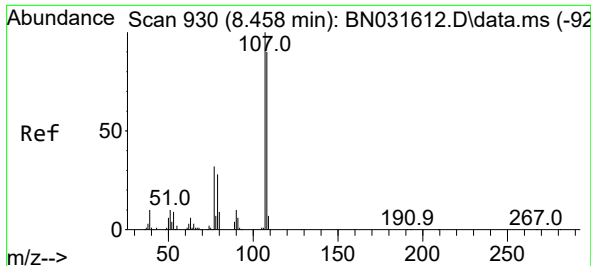
Tgt Ion:105 Resp: 1028436
Ion Ratio Lower Upper
105 100
77 76.5 60.7 91.1
51 22.7 18.6 28.0



#17
N-Nitroso-di-n-propylamine
Concen: 21.451 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion: 70 Resp: 510198
Ion Ratio Lower Upper
70 100
42 47.8 38.2 57.4
101 9.9 8.1 12.1
130 21.5 17.7 26.5

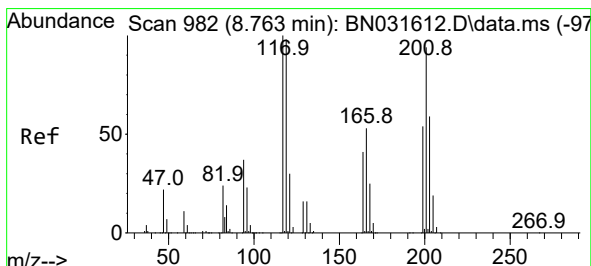
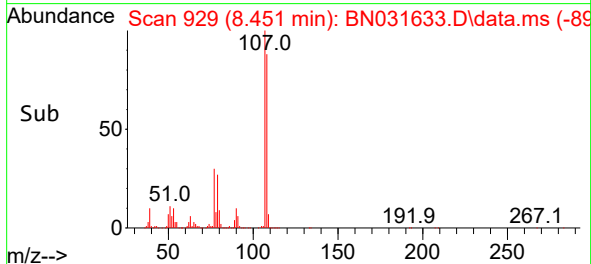
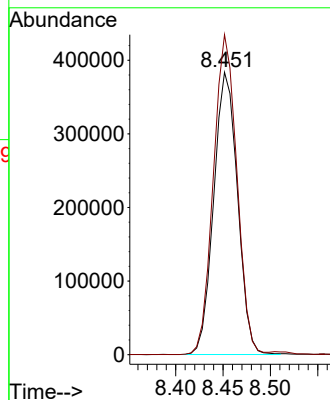
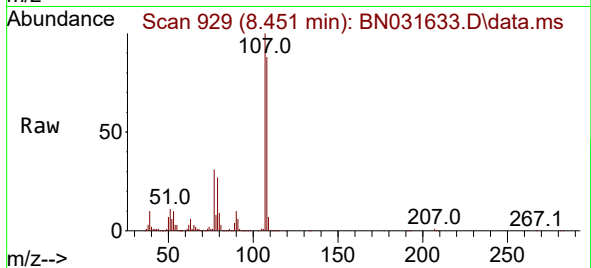




#18
4-Methylphenol
Concen: 21.423 ng/ul
RT: 8.451 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

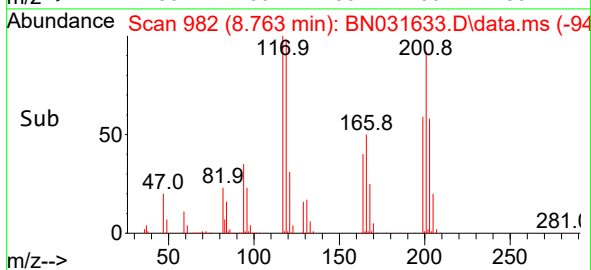
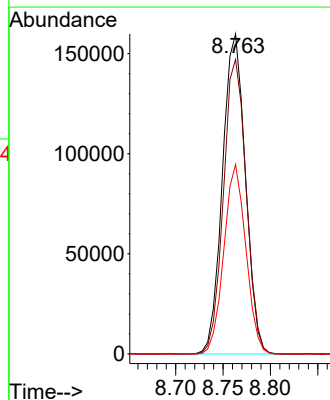
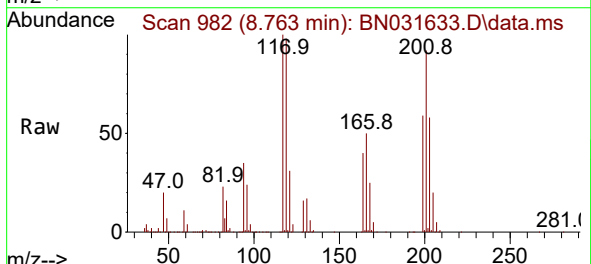
Instrument :
BNA_N
ClientSampleId :
SSTD020259

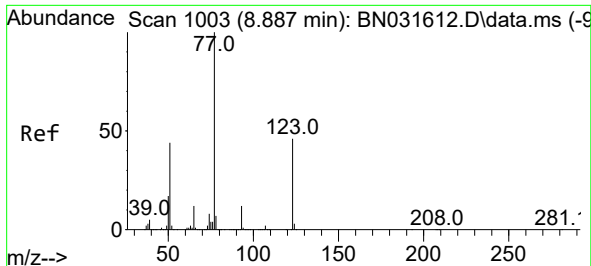
Tgt Ion:108 Resp: 672047
Ion Ratio Lower Upper
108 100
107 113.3 87.6 131.4



#19
Hexachloroethane
Concen: 20.322 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:117 Resp: 269024
Ion Ratio Lower Upper
117 100
201 92.1 72.6 109.0
199 59.2 45.6 68.4

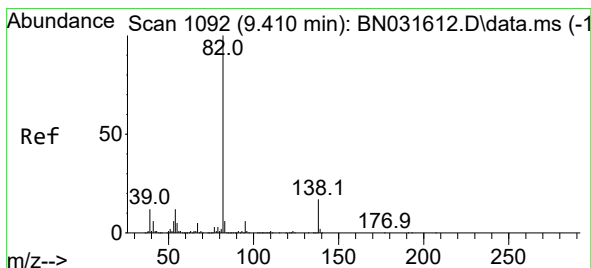
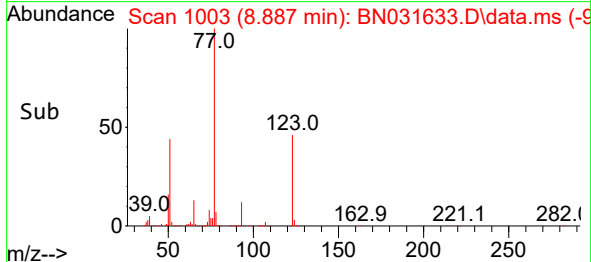
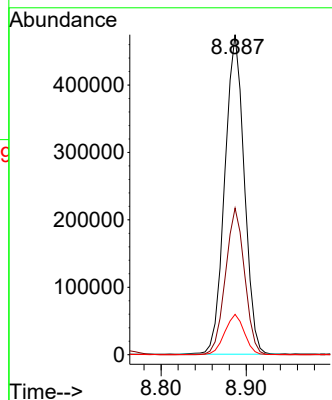
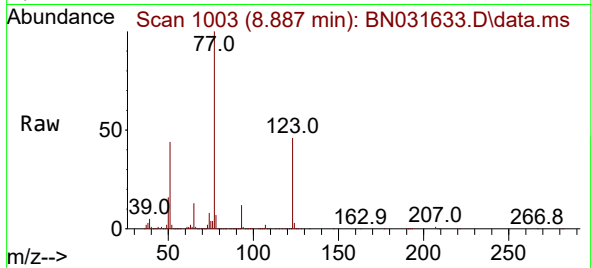




#22
Nitrobenzene
Concen: 19.741 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

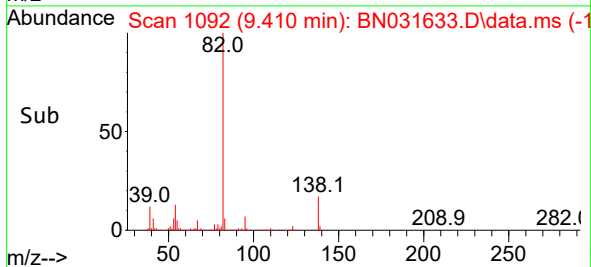
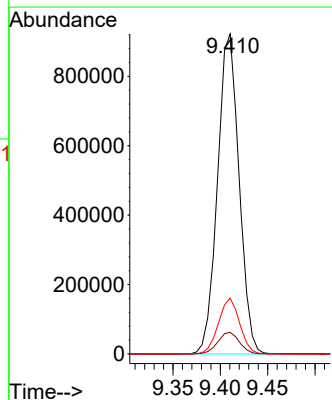
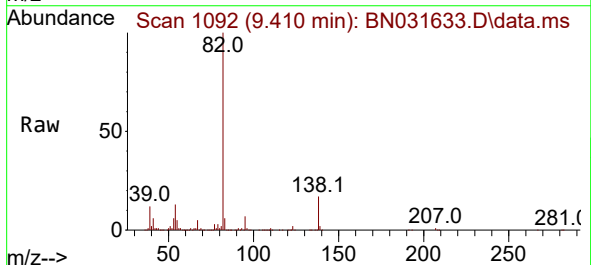
Instrument :
BNA_N
ClientSampleId :
SSTD020259

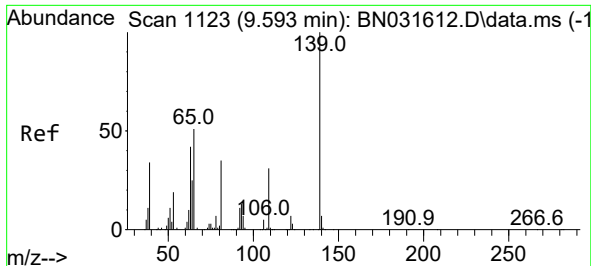
Tgt Ion: 77 Resp: 754781
Ion Ratio Lower Upper
77 100
123 45.8 34.7 52.1
65 12.6 10.1 15.1



#23
Isophorone
Concen: 20.093 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion: 82 Resp: 1461420
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.4 13.4 20.2

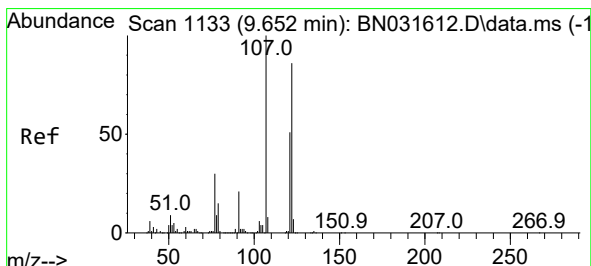
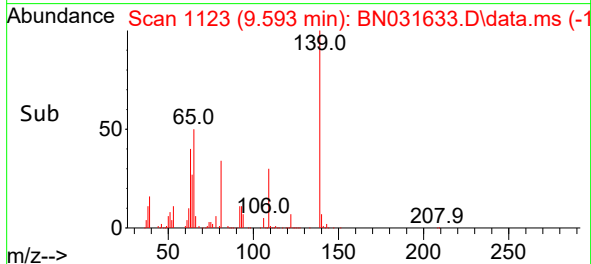
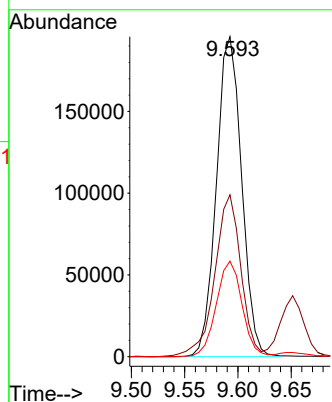
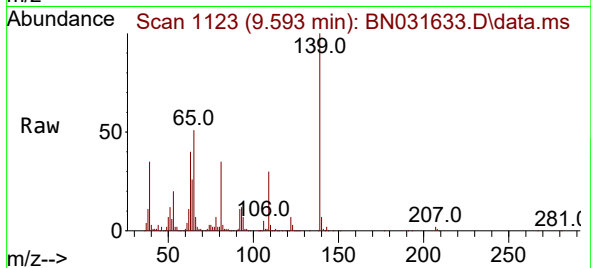




#25
2-Nitrophenol
Concen: 19.398 ng/ul
RT: 9.593 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

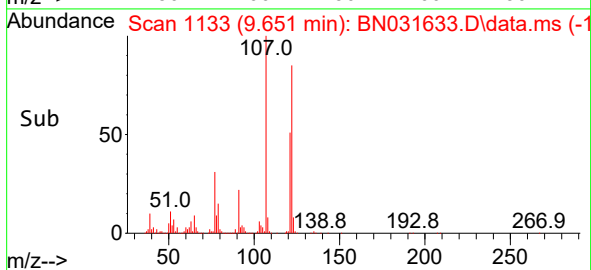
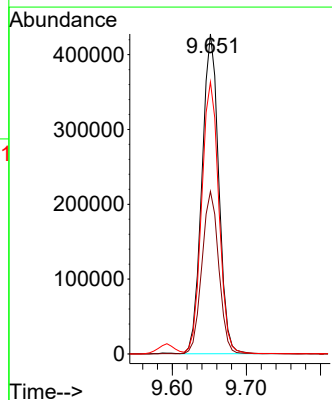
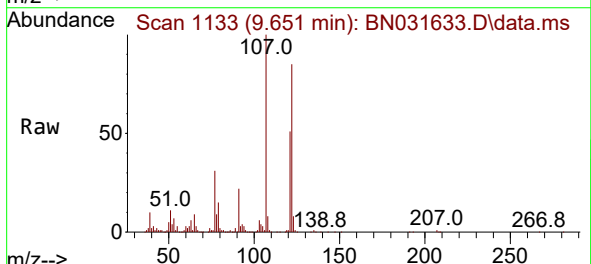
Instrument :
BNA_N
ClientSampleId :
SSTD020259

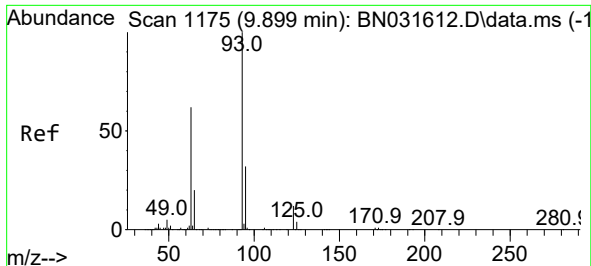
Tgt Ion:139 Resp: 322247
Ion Ratio Lower Upper
139 100
65 50.6 38.6 58.0
109 29.9 23.2 34.8



#26
2,4-Dimethylphenol
Concen: 19.833 ng/ul
RT: 9.651 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:107 Resp: 673027
Ion Ratio Lower Upper
107 100
121 50.8 40.9 61.3
122 85.0 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 19.801 ng/ul

RT: 9.893 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

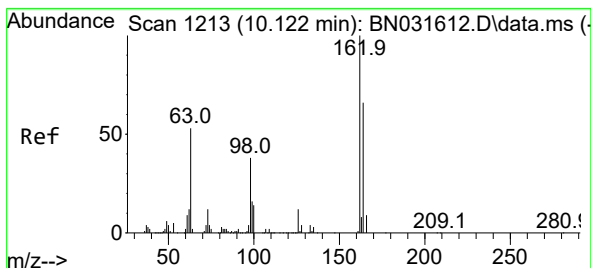
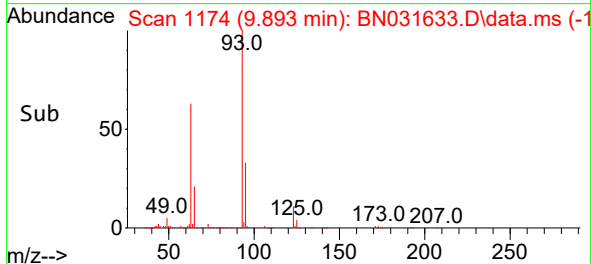
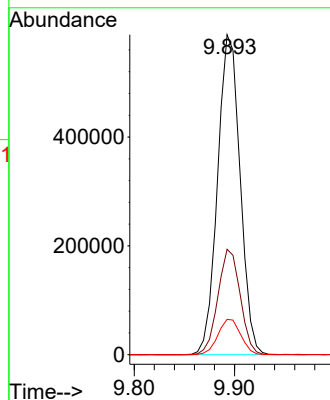
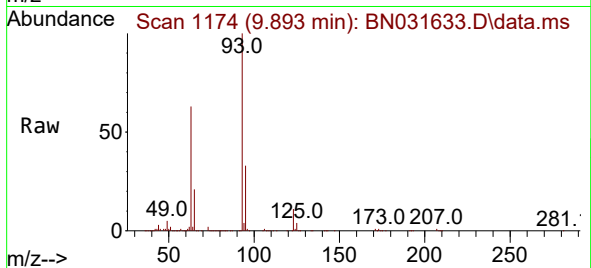
Tgt Ion: 93 Resp: 918090

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.1 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 19.959 ng/ul

RT: 10.116 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

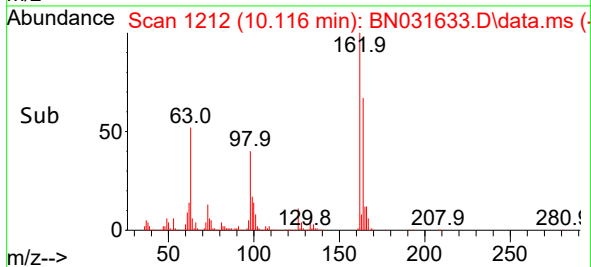
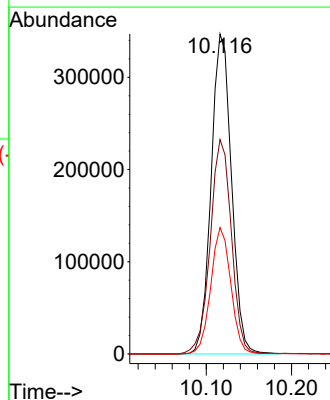
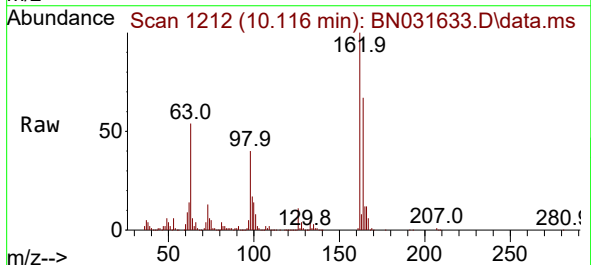
Tgt Ion: 162 Resp: 576614

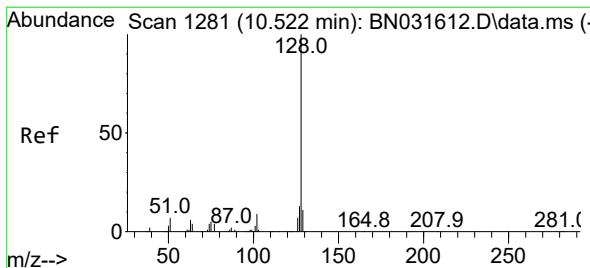
Ion Ratio Lower Upper

162 100

164 67.0 51.2 76.8

98 39.5 29.0 43.4

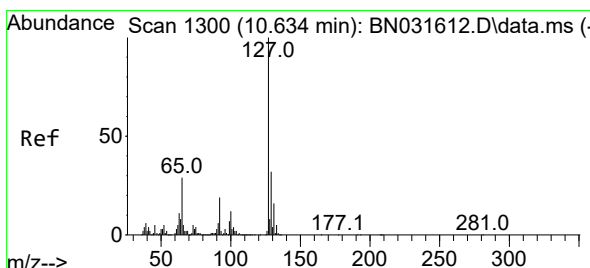
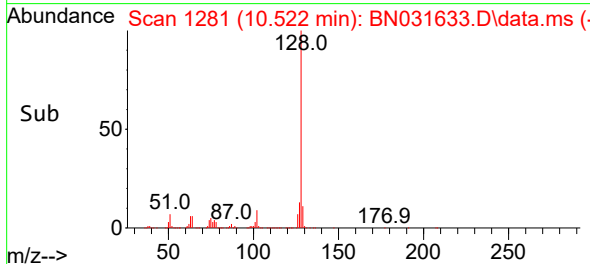
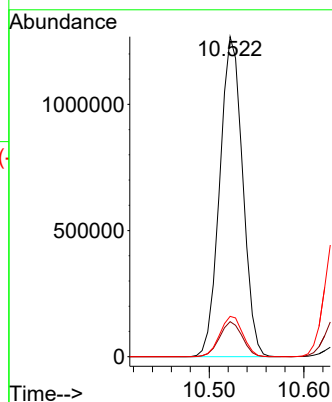
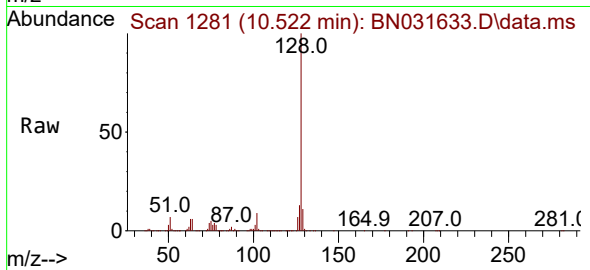




#30
Naphthalene
Concen: 20.097 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

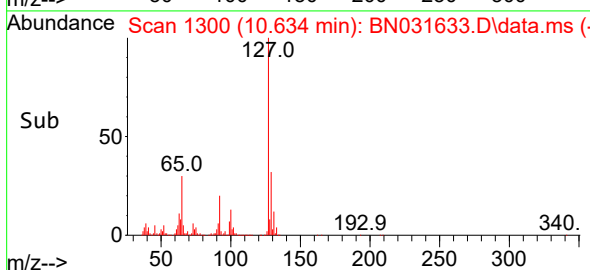
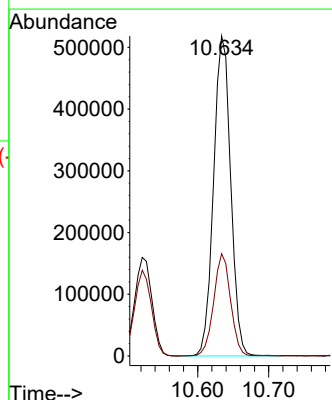
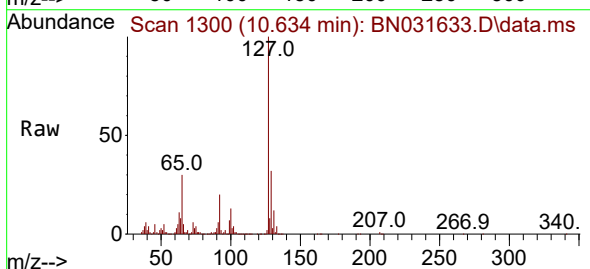
Instrument :
BNA_N
ClientSampleId :
SSTD020259

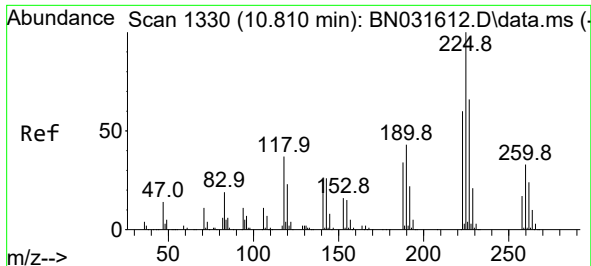
Tgt Ion:128 Resp: 2133029
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.6 10.2 15.2



#32
4-Chloroaniline
Concen: 21.187 ng/ul
RT: 10.634 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:127 Resp: 868438
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6

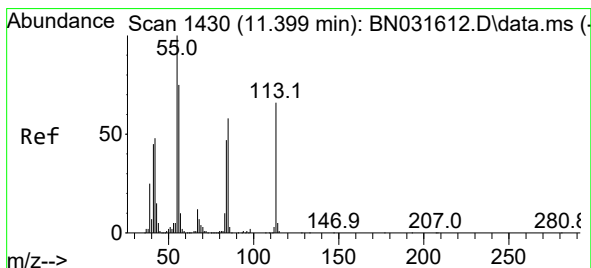
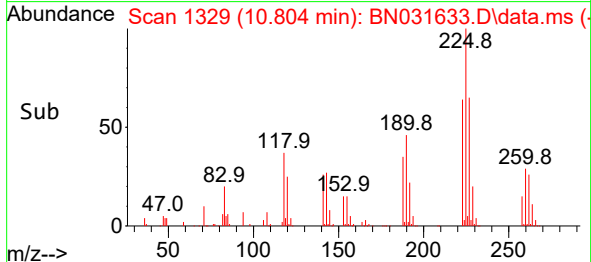
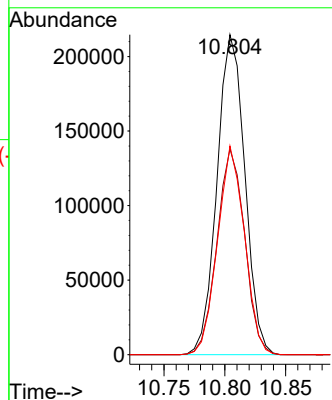
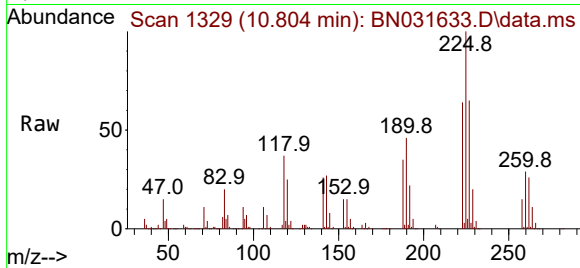




#33
Hexachlorobutadiene
Concen: 19.363 ng/ul
RT: 10.804 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

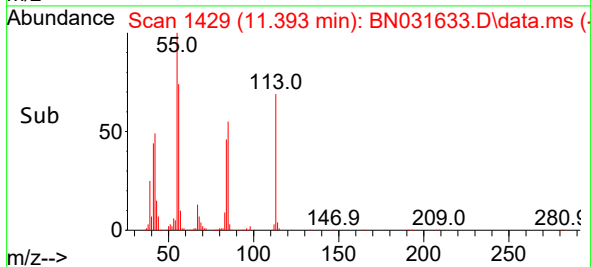
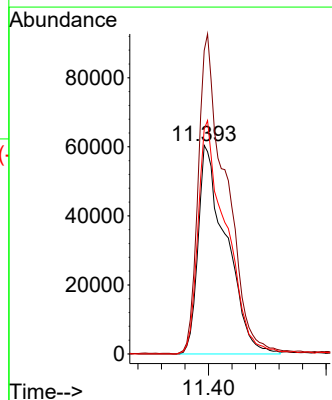
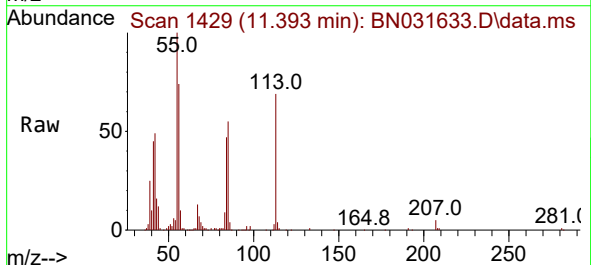
Instrument :
BNA_N
ClientSampleId :
SSTD020259

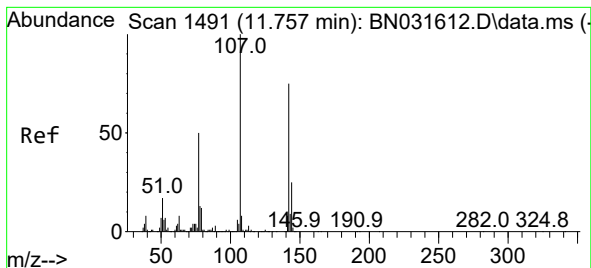
Tgt Ion:225 Resp: 342326
Ion Ratio Lower Upper
225 100
223 64.3 49.5 74.3
227 65.2 50.2 75.2



#34
Caprolactam
Concen: 21.385 ng/ul
RT: 11.393 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:113 Resp: 200092
Ion Ratio Lower Upper
113 100
55 145.4 114.6 172.0
56 107.8 84.3 126.5

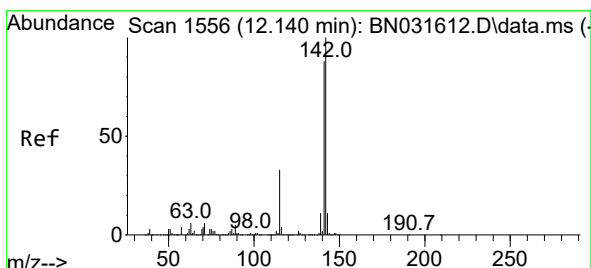
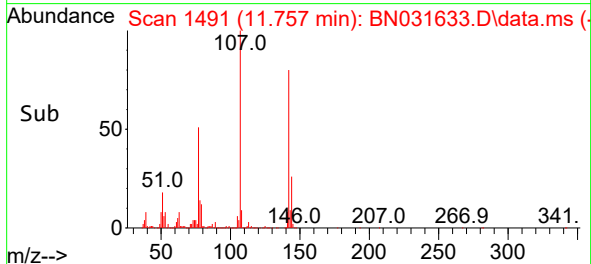
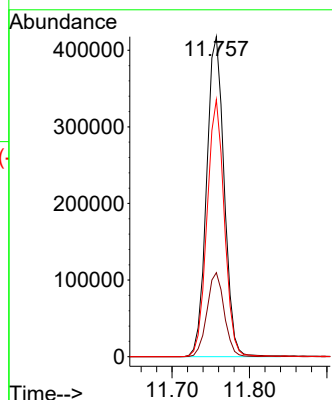
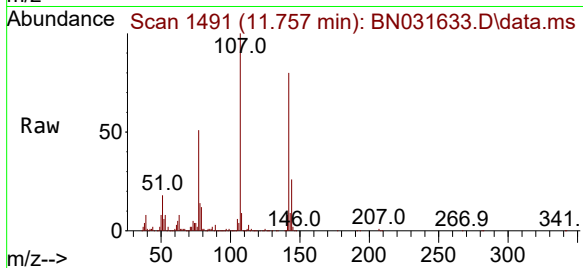




#35
4-Chloro-3-methylphenol
Concen: 20.983 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

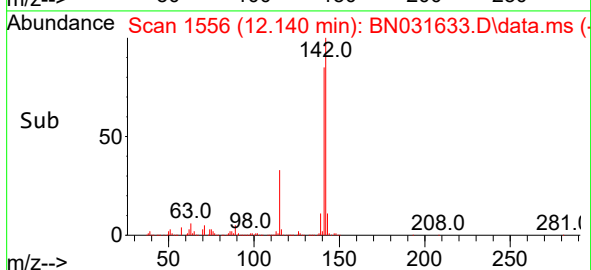
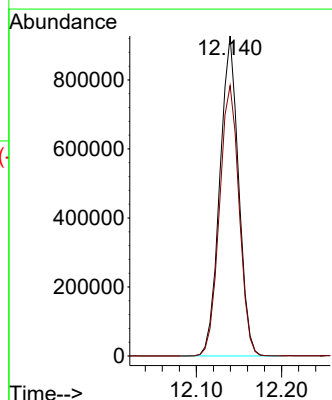
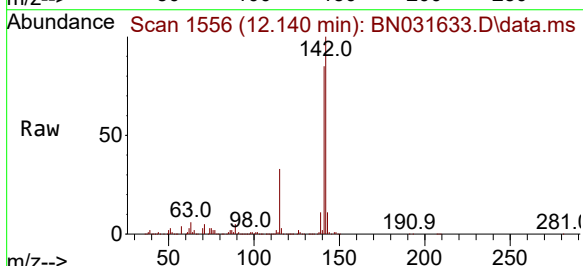
Instrument :
BNA_N
ClientSampleId :
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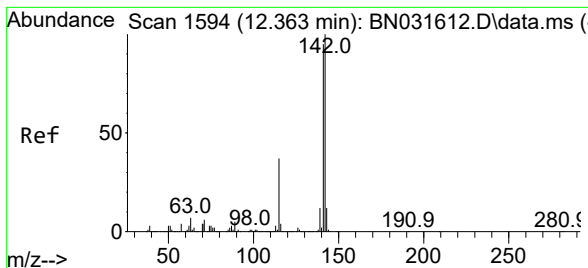
Tgt Ion:107 Resp: 658337
Ion Ratio Lower Upper
107 100
144 26.3 21.4 32.0
142 80.3 65.0 97.6



#36
2-Methylnaphthalene
Concen: 20.445 ng/ul
RT: 12.140 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:142 Resp: 1420031
Ion Ratio Lower Upper
142 100
141 84.5 70.5 105.7





#37

1-Methylnaphthalene

Concen: 20.473 ng/ul

RT: 12.363 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

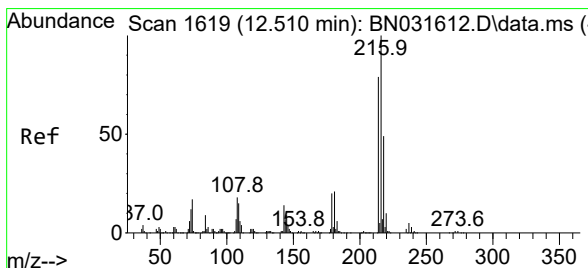
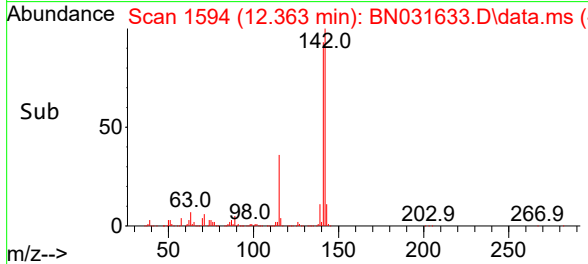
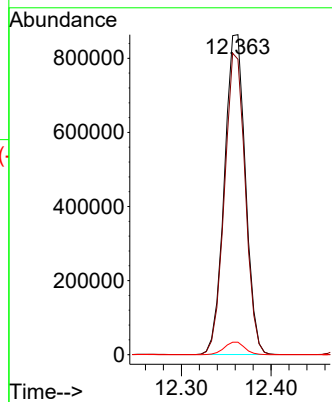
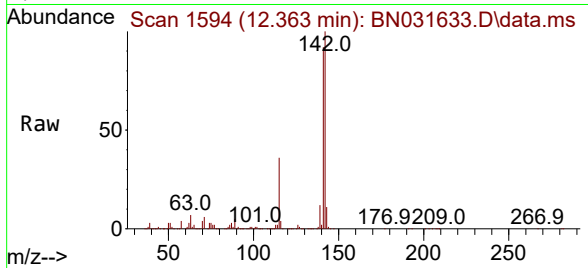
Tgt Ion:142 Resp: 1407587

Ion Ratio Lower Upper

142 100

141 92.3 77.0 115.6

116 3.9 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.357 ng/ul

RT: 12.504 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Tgt Ion:216 Resp: 688229

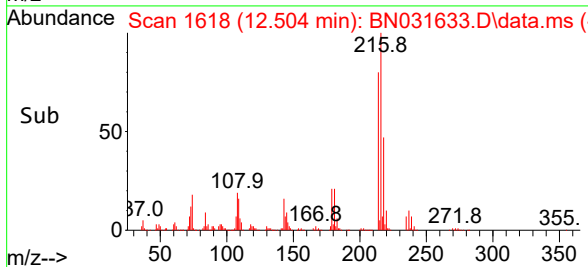
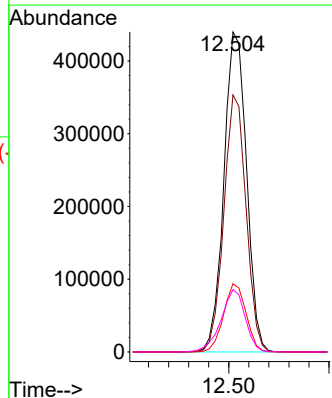
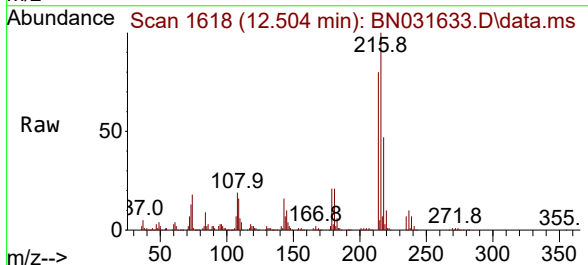
Ion Ratio Lower Upper

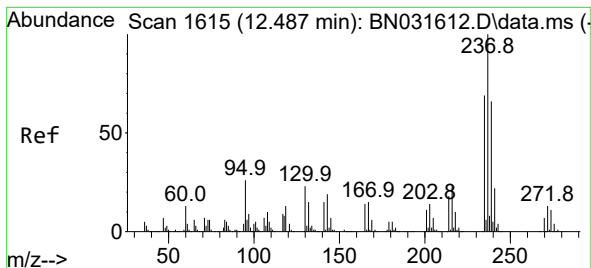
216 100

214 80.3 64.0 96.0

179 21.4 16.8 25.2

108 19.5 15.5 23.3

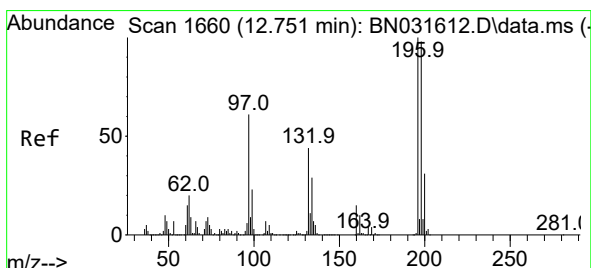
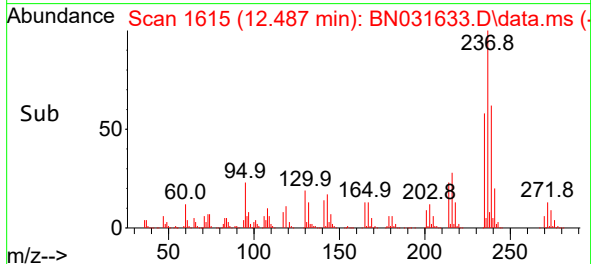
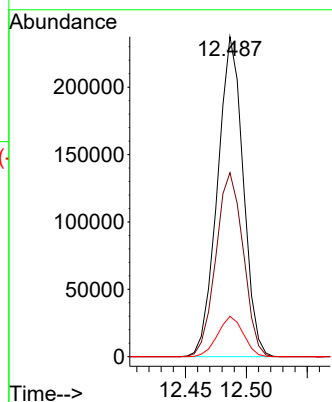
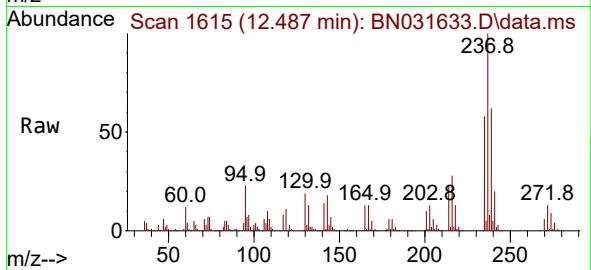




#40
Hexachlorocyclopentadiene
Concen: 16.385 ng/ul
RT: 12.487 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

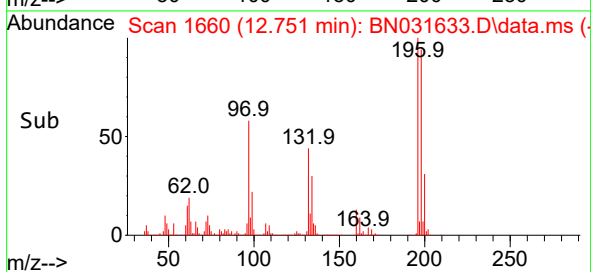
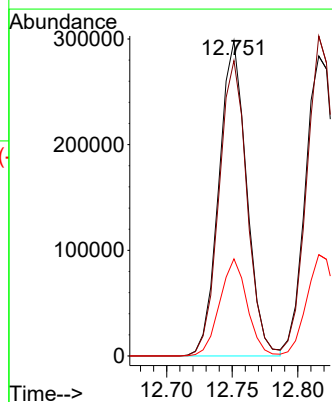
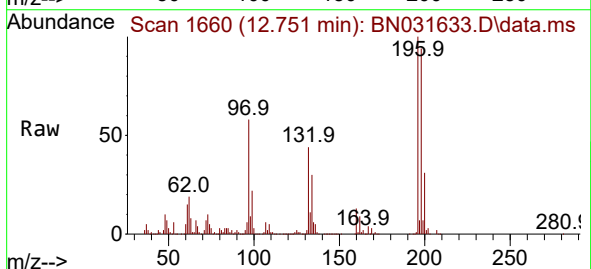
Instrument :
BNA_N
ClientSampleId :
SSTD020259

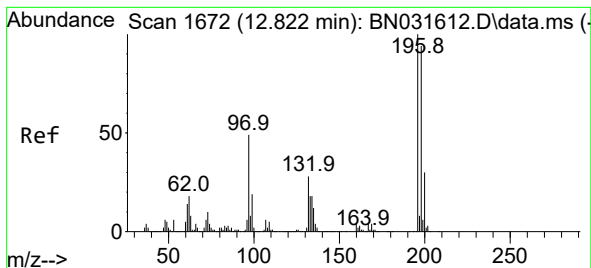
Tgt Ion:237 Resp: 349207
Ion Ratio Lower Upper
237 100
235 57.5 51.3 76.9
272 12.6 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 19.995 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:196 Resp: 439295
Ion Ratio Lower Upper
196 100
198 93.7 79.4 119.2
200 30.8 24.0 36.0





#42

2,4,5-Trichlorophenol

Concen: 19.562 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

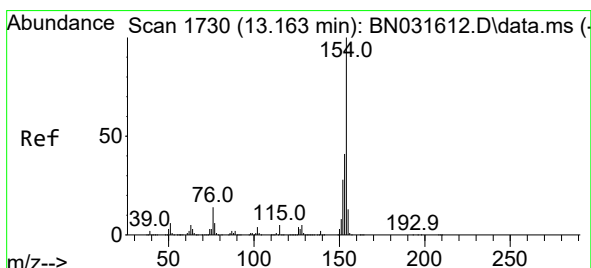
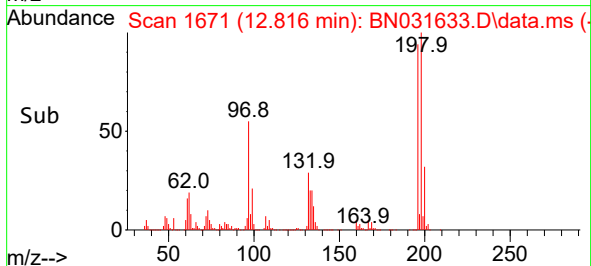
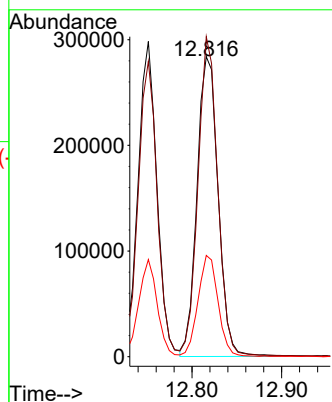
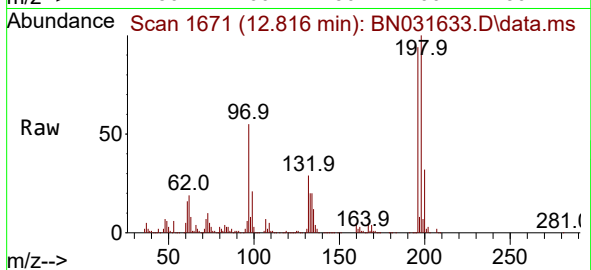
Tgt Ion:196 Resp: 465262

Ion Ratio Lower Upper

196 100

198 106.6 71.9 107.9

200 33.7 23.2 34.8



#43

1,1'-Biphenyl

Concen: 20.102 ng/ul

RT: 13.163 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

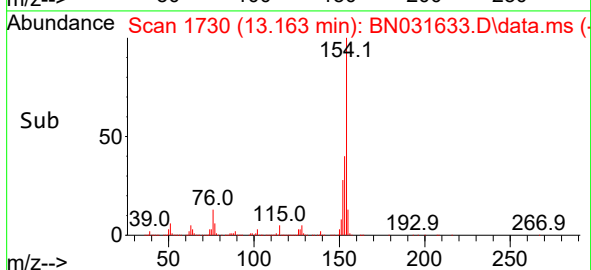
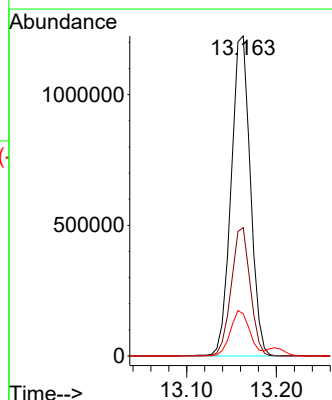
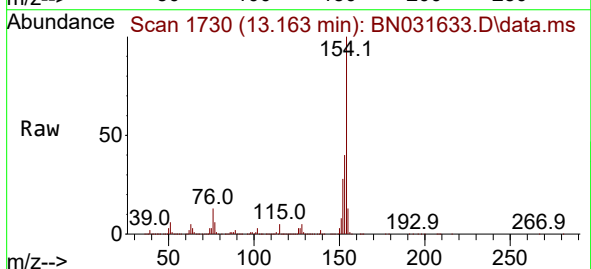
Tgt Ion:154 Resp: 1820657

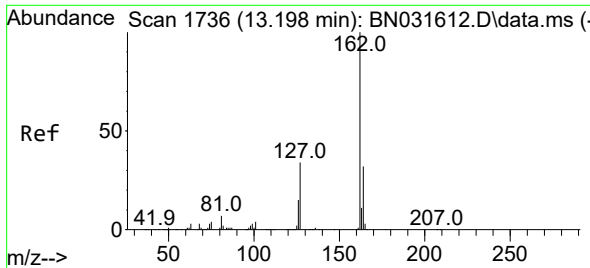
Ion Ratio Lower Upper

154 100

153 40.1 32.6 48.8

76 13.2 11.3 16.9

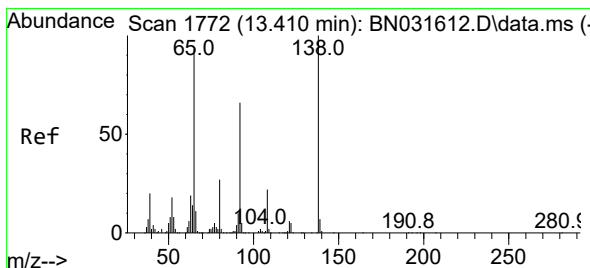
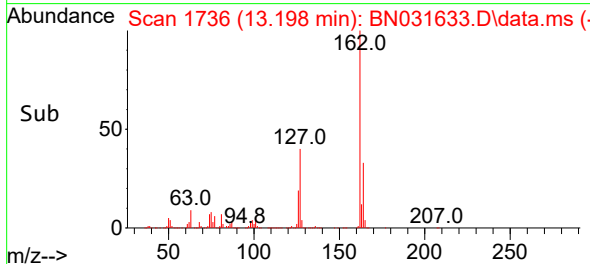
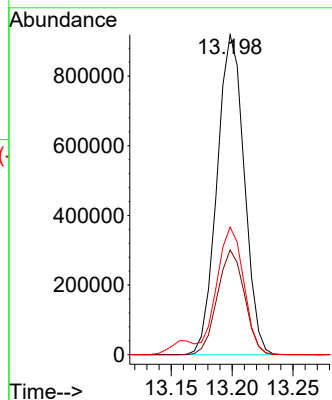
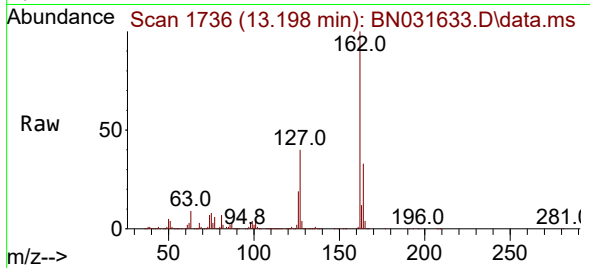




#44
2-Chloronaphthalene
Concen: 19.905 ng/ul
RT: 13.198 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

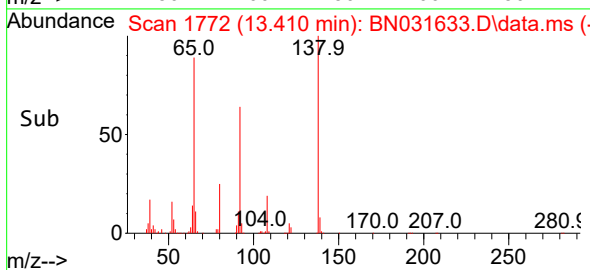
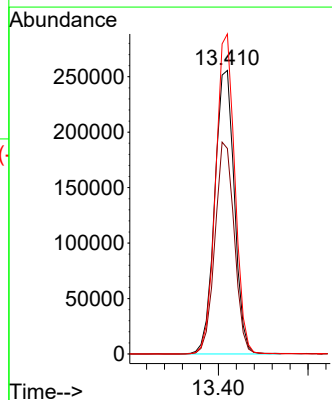
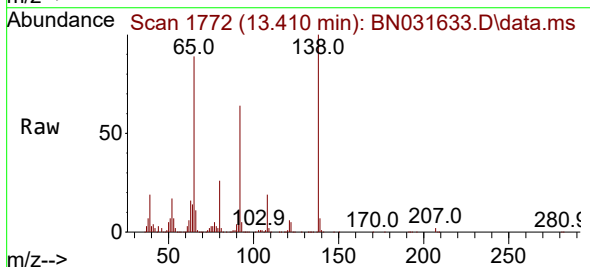
Instrument :
BNA_N
ClientSampleId :
SSTD020259

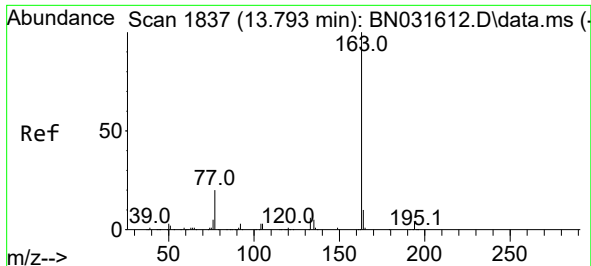
Tgt Ion:162 Resp: 1427501
Ion Ratio Lower Upper
162 100
164 32.8 26.6 39.8
127 39.9 30.8 46.2



#45
2-Nitroaniline
Concen: 20.766 ng/ul
RT: 13.410 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion: 65 Resp: 389867
Ion Ratio Lower Upper
65 100
92 72.5 60.2 90.4
138 112.9 88.6 132.8

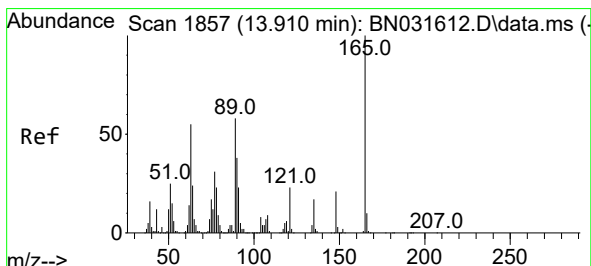
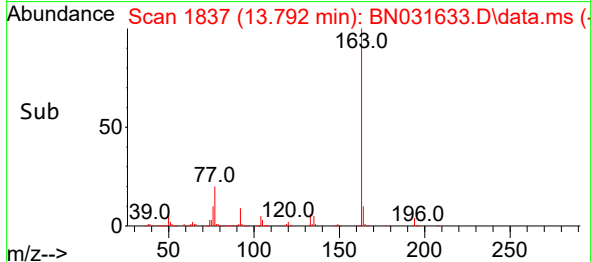
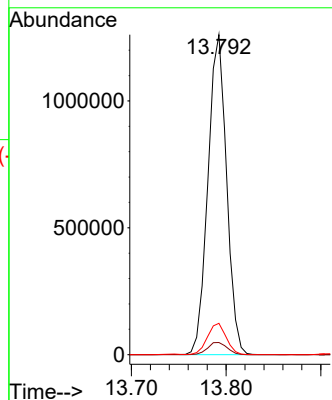
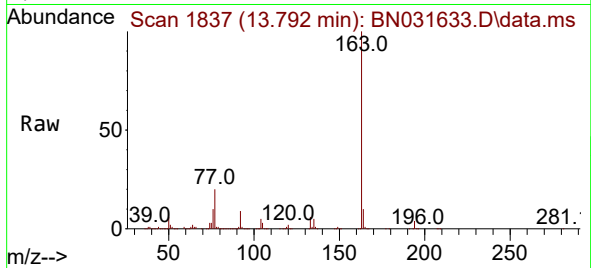




#47
Dimethylphthalate
Concen: 21.297 ng/ul
RT: 13.792 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

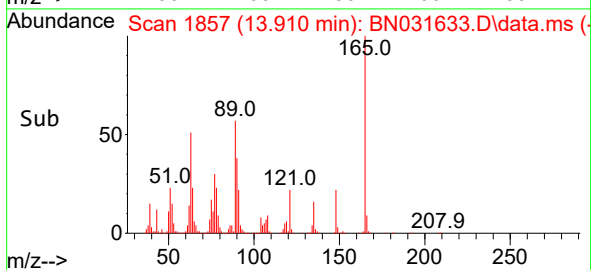
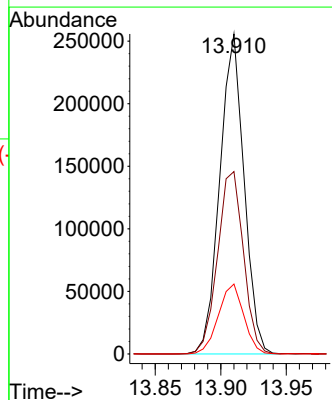
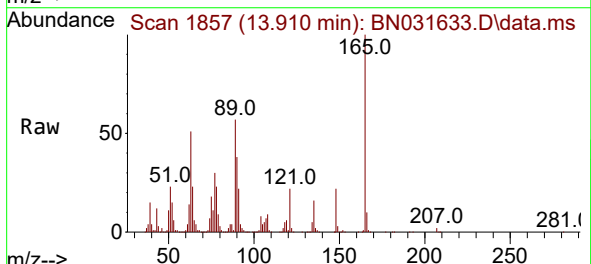
Instrument :
BNA_N
ClientSampleId :
SSTD020259

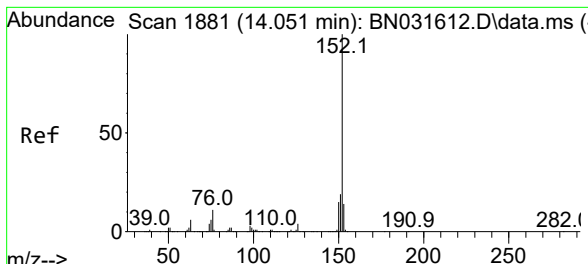
Tgt Ion:163 Resp: 1720543
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 7.8 11.6



#48
2,6-Dinitrotoluene
Concen: 21.359 ng/ul
RT: 13.910 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:165 Resp: 328859
Ion Ratio Lower Upper
165 100
89 57.0 47.0 70.6
121 21.9 18.7 28.1



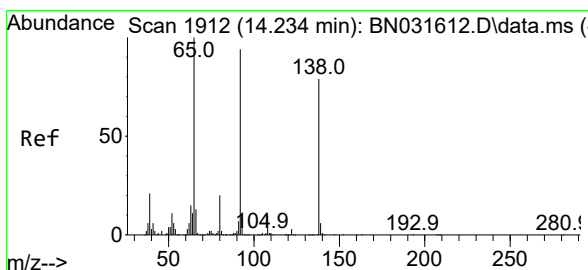
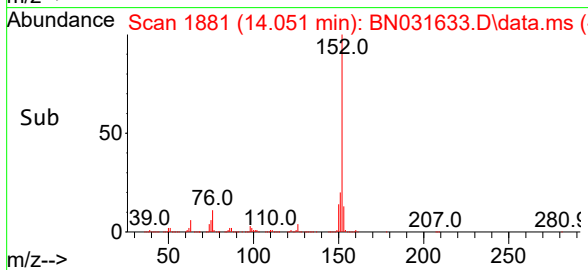
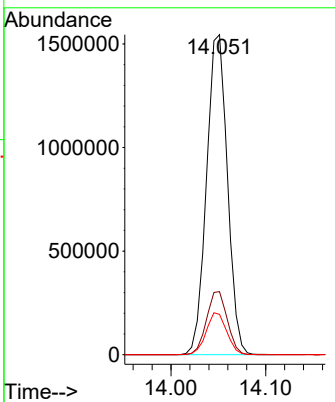
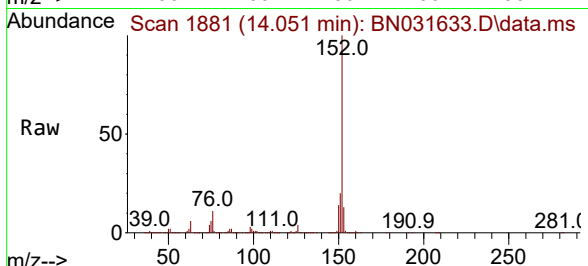


#50
Acenaphthylene
Concen: 20.644 ng/ul
RT: 14.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Instrument : BNA_N
ClientSampleId : SSTD020259

Tgt Ion:152 Resp: 2364789

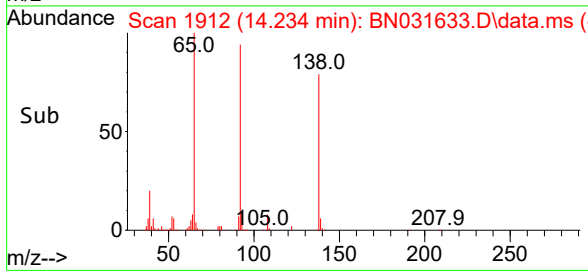
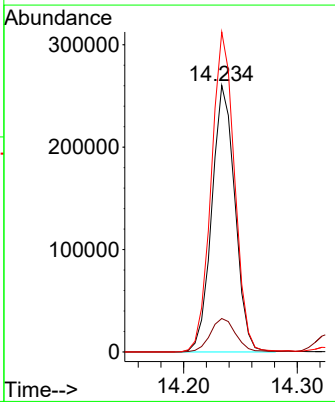
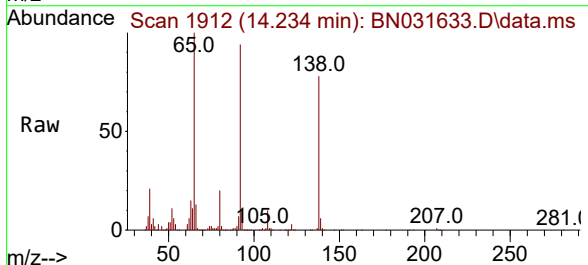
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	12.6	10.8	16.2

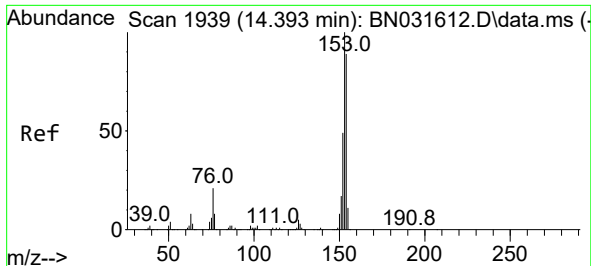


#51
3-Nitroaniline
Concen: 21.096 ng/ul
RT: 14.234 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:138 Resp: 368678

Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.7	16.1
92	120.1	94.6	141.8

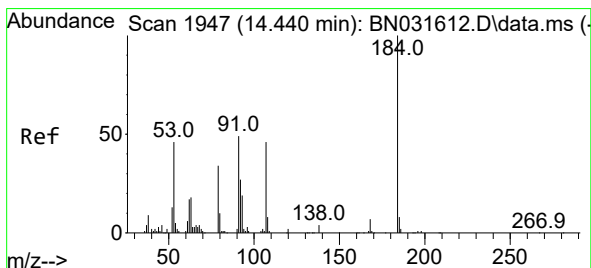
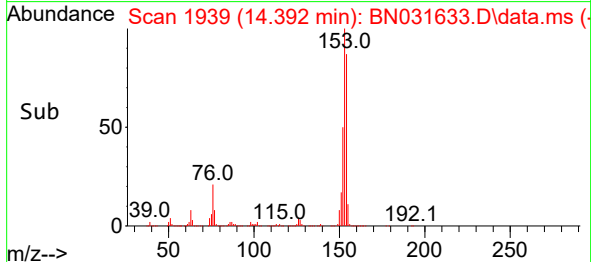
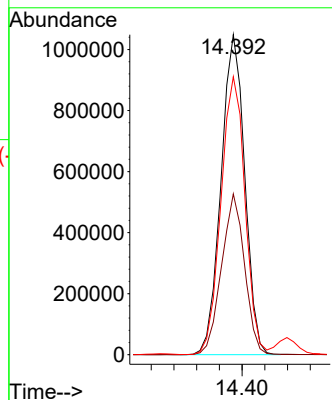
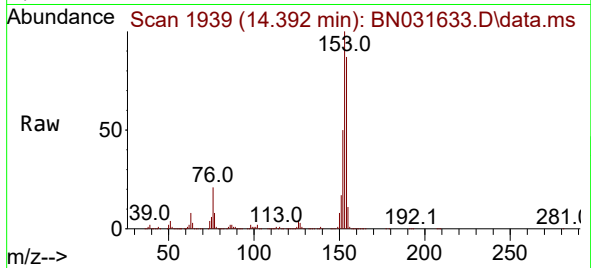




#52
Acenaphthene
Concen: 20.465 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

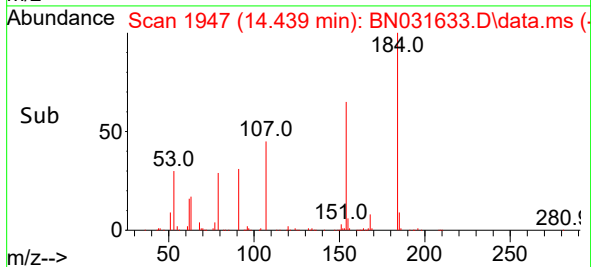
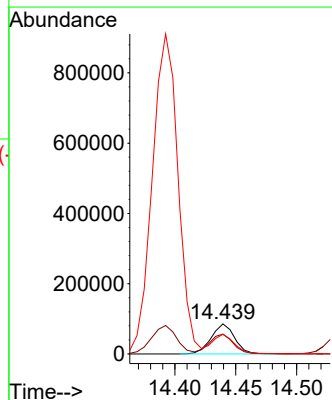
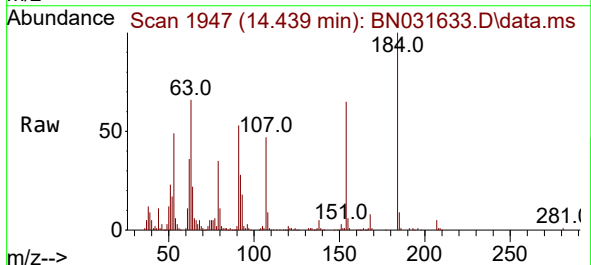
Instrument :
BNA_N
ClientSampleId :
SSTD020259

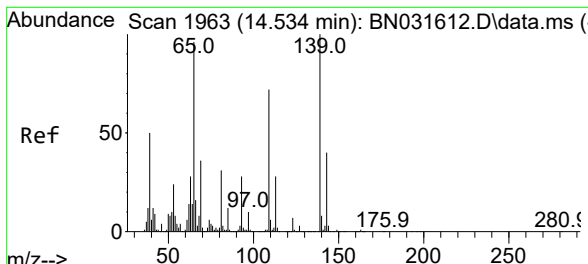
Tgt Ion:153 Resp: 1518834
Ion Ratio Lower Upper
153 100
152 50.3 40.5 60.7
154 86.9 76.6 114.8



#53
2,4-Dinitrophenol
Concen: 16.142 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:184 Resp: 114127
Ion Ratio Lower Upper
184 100
63 66.1 50.7 76.1
154 65.4 49.1 73.7

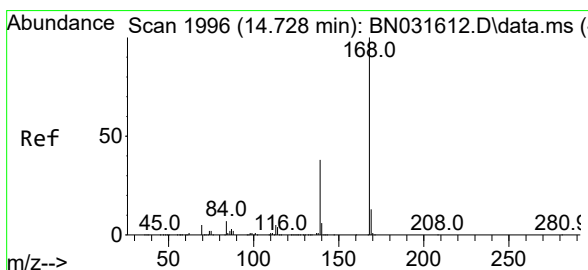
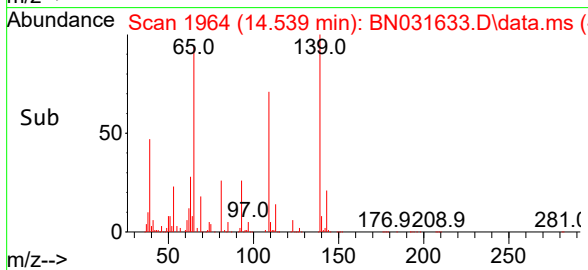
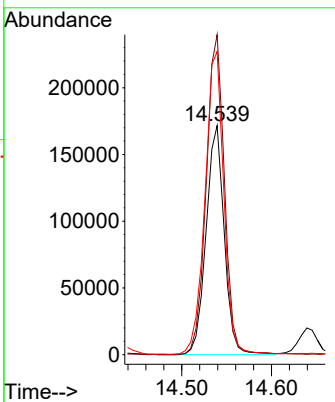
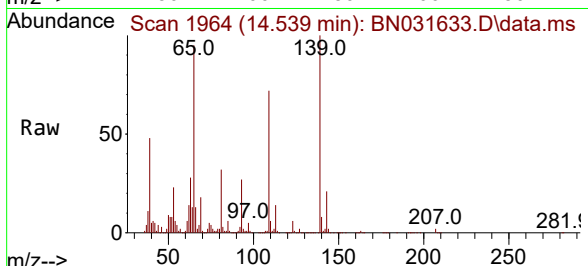




#55
 4-Nitrophenol
 Concen: 21.405 ng/ul
 RT: 14.539 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: BN031633.D
 Acq: 23 May 2024 15:37

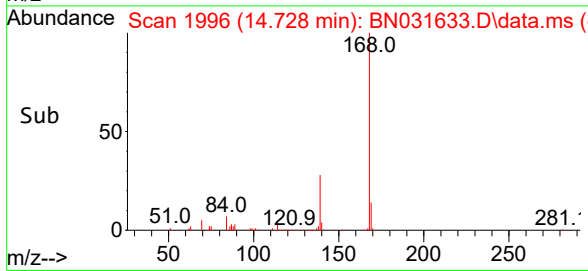
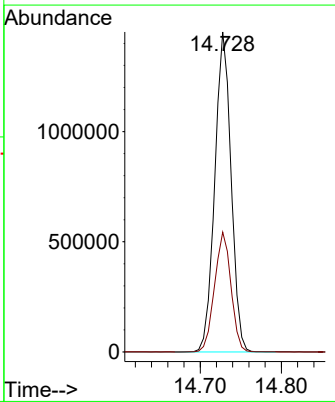
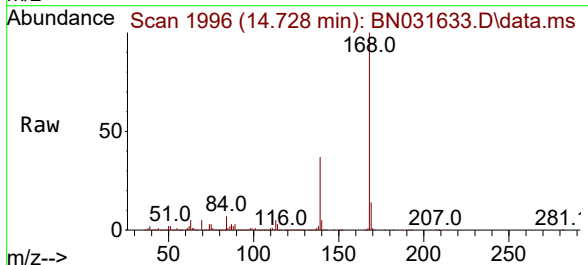
Instrument :
 BNA_N
 ClientSampleId :
 SSTD020259

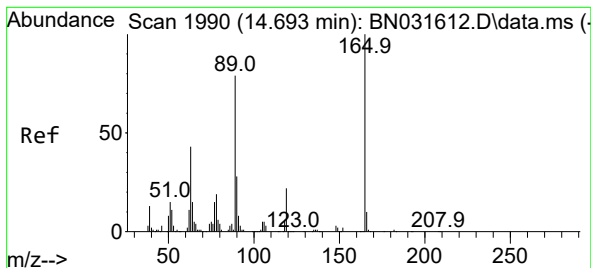
Tgt Ion:	109	Resp:	241600
Ion	Ratio	Lower	Upper
109	100		
139	139.6	113.8	170.6
65	132.3	101.1	151.7



#56
 Dibenzofuran
 Concen: 20.482 ng/ul
 RT: 14.728 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: BN031633.D
 Acq: 23 May 2024 15:37

Tgt Ion:	168	Resp:	2029340
Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.2	43.8





#57

2,4-Dinitrotoluene

Concen: 22.790 ng/ul

RT: 14.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

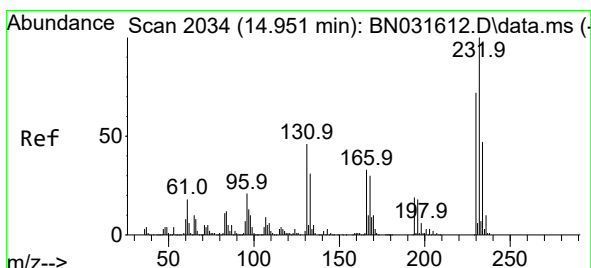
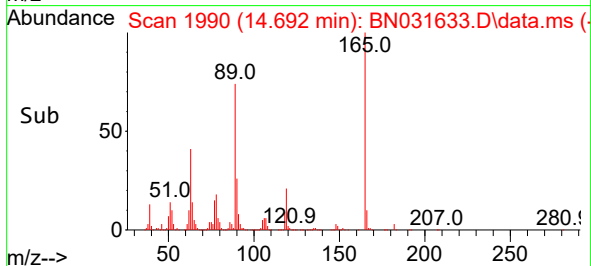
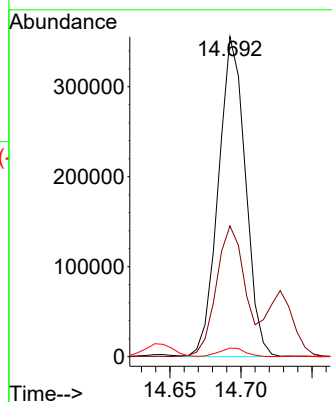
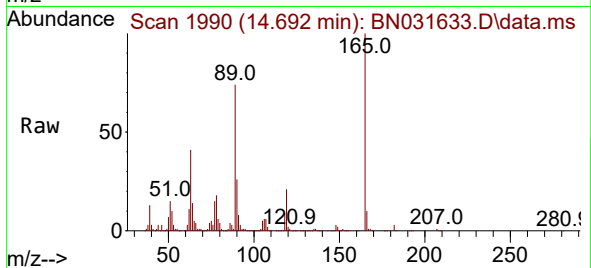
Tgt Ion:165 Resp: 470086

Ion Ratio Lower Upper

165 100

63 40.9 35.1 52.7

182 2.7 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.919 ng/ul

RT: 14.951 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Tgt Ion:232 Resp: 361422

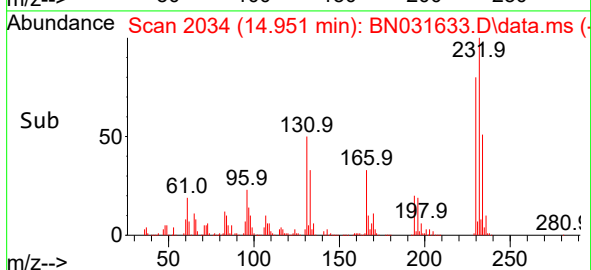
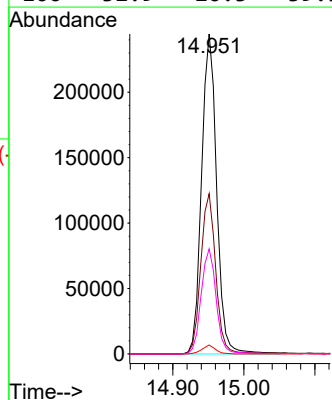
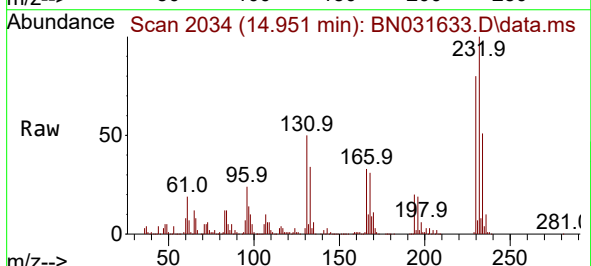
Ion Ratio Lower Upper

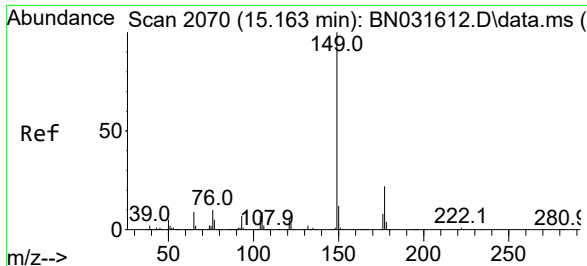
232 100

131 50.1 39.2 58.8

130 2.8 2.1 3.1

166 32.9 26.3 39.5

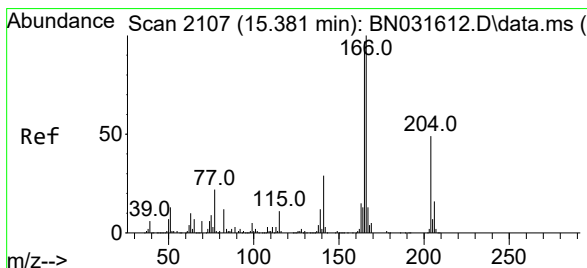
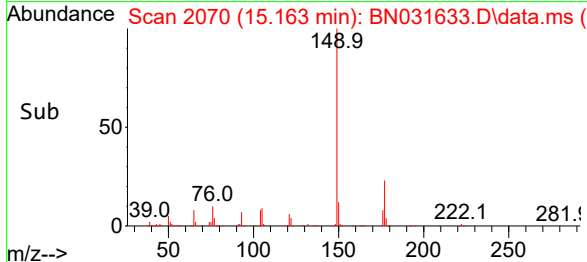
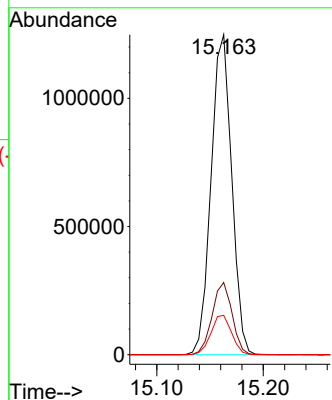
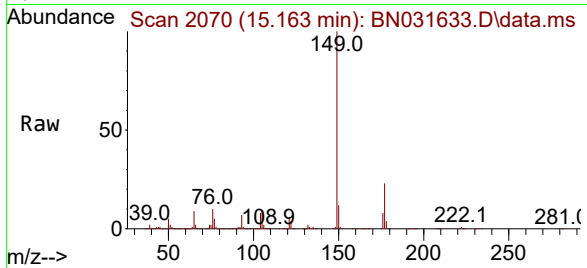




#59
Diethylphthalate
Concen: 21.994 ng/ul
RT: 15.163 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

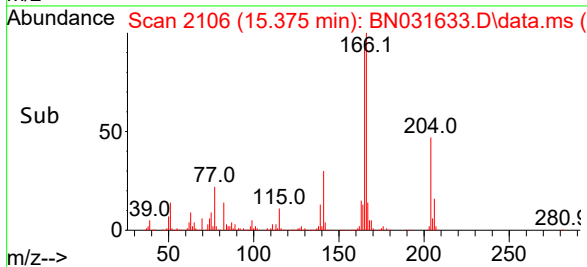
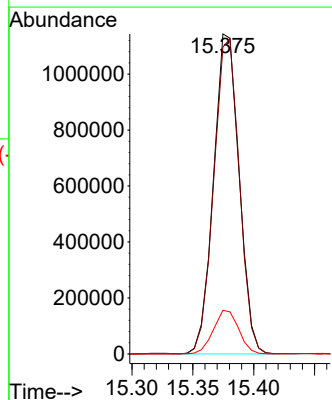
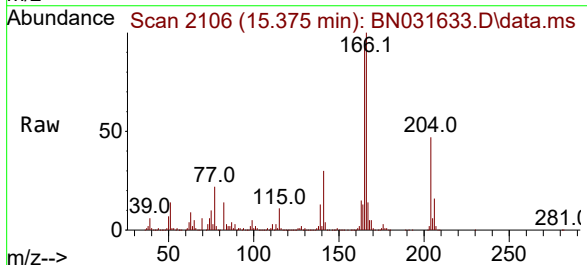
Instrument :
BNA_N
ClientSampleId :
SSTD020259

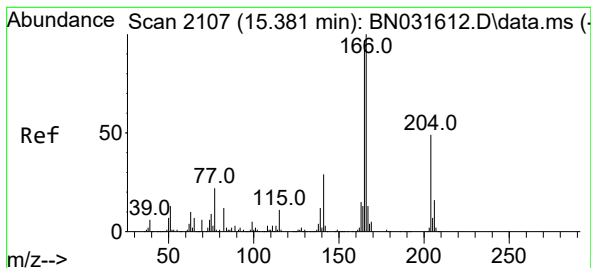
Tgt Ion:149 Resp: 1674264
Ion Ratio Lower Upper
149 100
177 22.6 16.3 24.5
150 12.3 10.0 15.0



#61
Fluorene
Concen: 21.536 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:166 Resp: 1671432
Ion Ratio Lower Upper
166 100
165 95.9 77.0 115.6
167 13.6 10.9 16.3

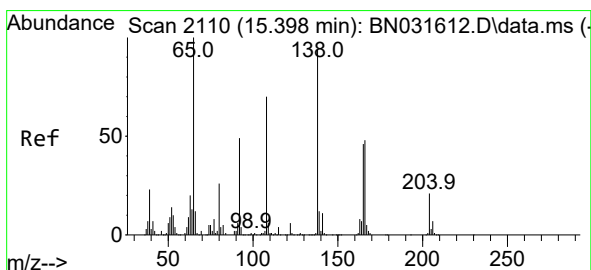
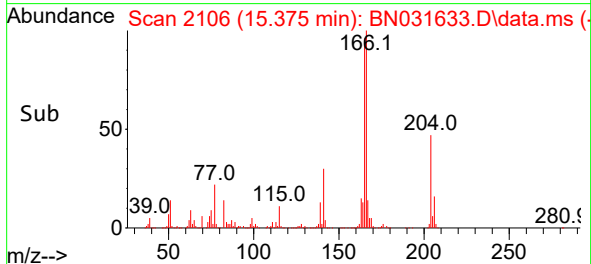
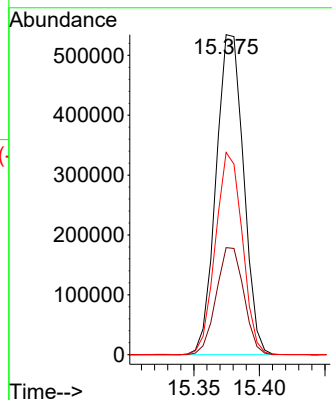
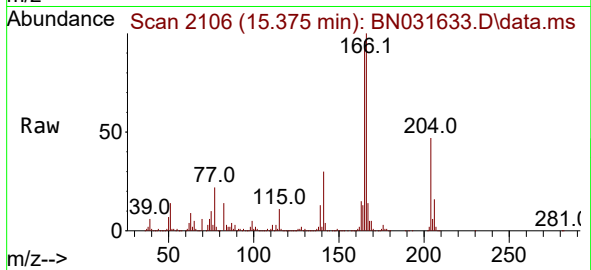




#62
4-Chlorophenyl-phenylether
Concen: 20.883 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

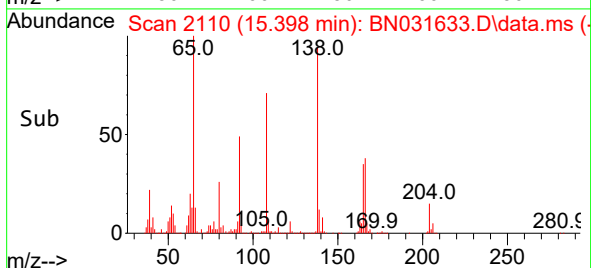
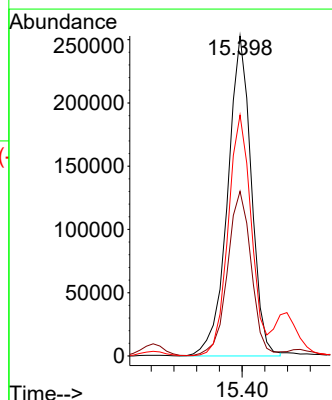
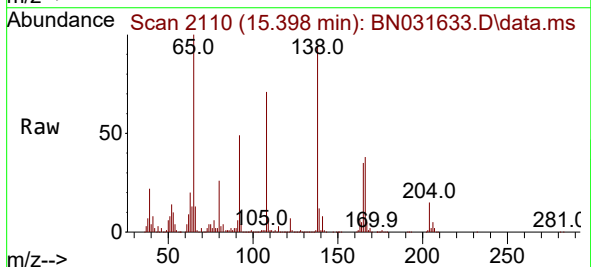
Instrument :
BNA_N
ClientSampleId :
SSTD020259

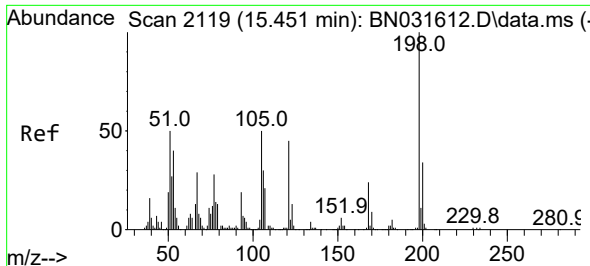
Tgt Ion:204 Resp: 780269
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.8
141 63.2 46.5 69.7



#63
4-Nitroaniline
Concen: 23.336 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:138 Resp: 365749
Ion Ratio Lower Upper
138 100
92 51.4 40.7 61.1
108 75.3 57.1 85.7

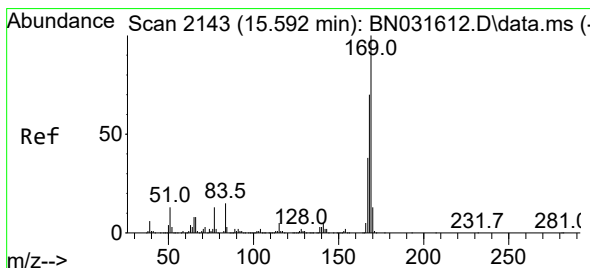
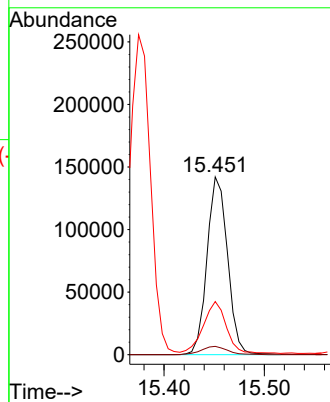
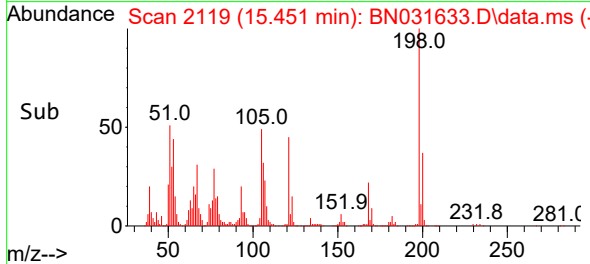
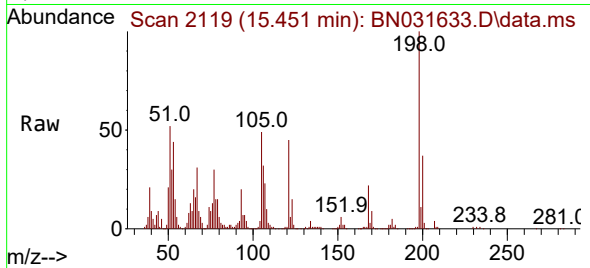




#66
4,6-Dinitro-2-methylphenol
Concen: 17.423 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

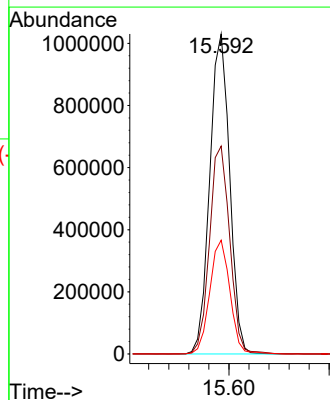
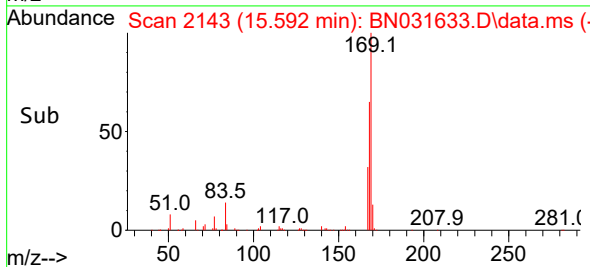
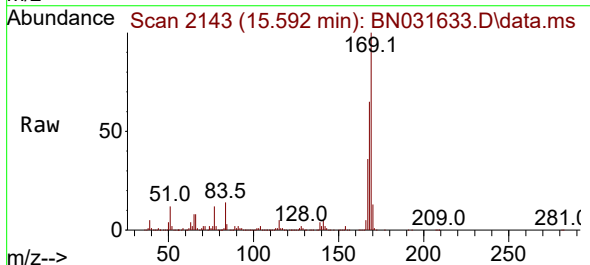
Instrument :
BNA_N
ClientSampleId :
SSTD020259

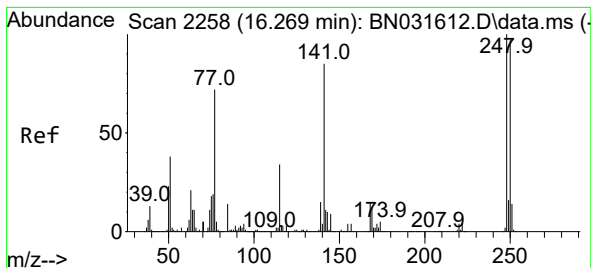
Tgt Ion:198 Resp: 202487
Ion Ratio Lower Upper
198 100
182 4.6 3.9 5.9
77 29.9 24.2 36.2



#67
N-Nitrosodiphenylamine
Concen: 19.597 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:169 Resp: 1414040
Ion Ratio Lower Upper
169 100
168 64.9 52.5 78.7
167 35.5 29.8 44.8

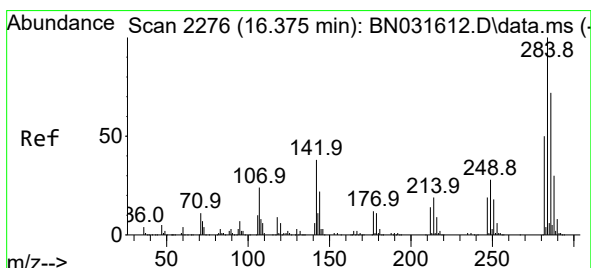
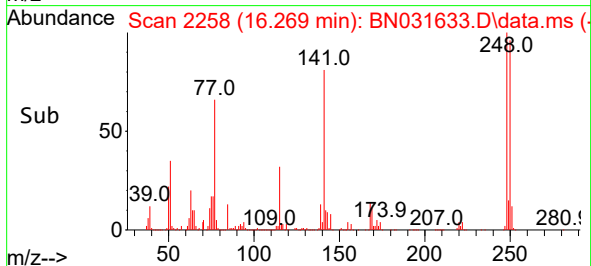
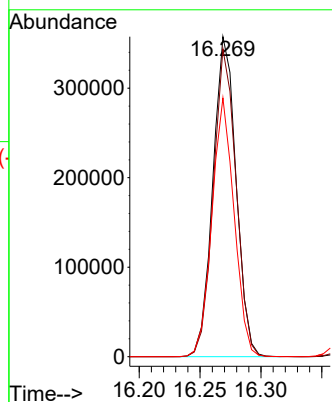
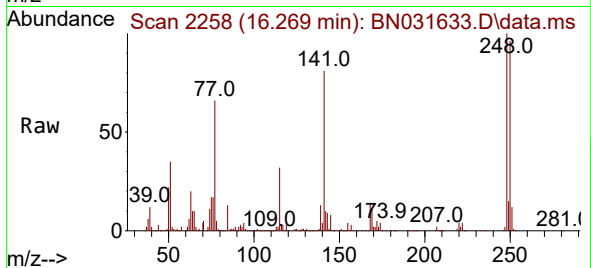




#68
4-Bromophenyl-phenylether
Concen: 19.173 ng/ul
RT: 16.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

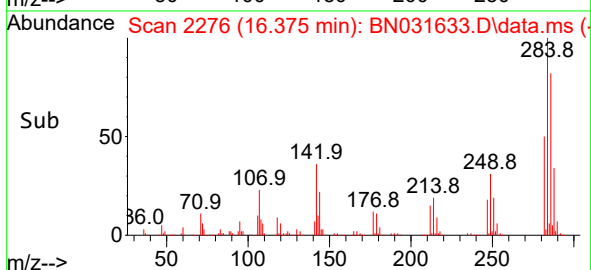
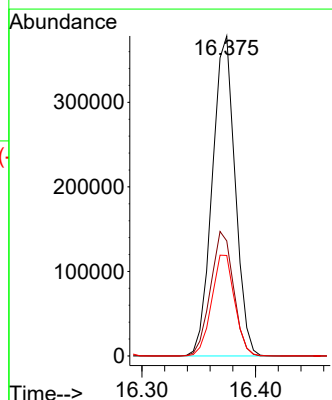
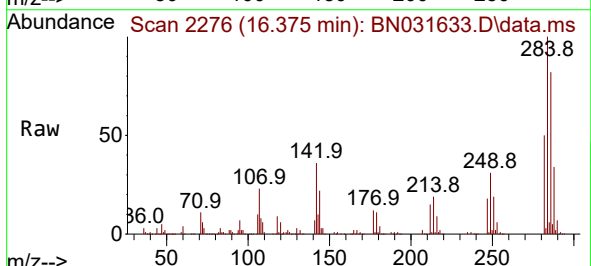
Instrument :
BNA_N
ClientSampleId :
SSTD020259

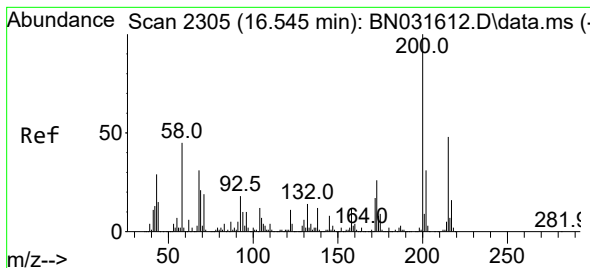
Tgt Ion:248 Resp: 473190
Ion Ratio Lower Upper
248 100
250 96.2 79.6 119.4
141 80.9 61.4 92.0



#69
Hexachlorobenzene
Concen: 19.819 ng/ul
RT: 16.375 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:284 Resp: 527904
Ion Ratio Lower Upper
284 100
142 35.9 33.0 49.4
249 31.4 26.4 39.6





#70

Atrazine

Concen: 20.161 ng/ul

RT: 16.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

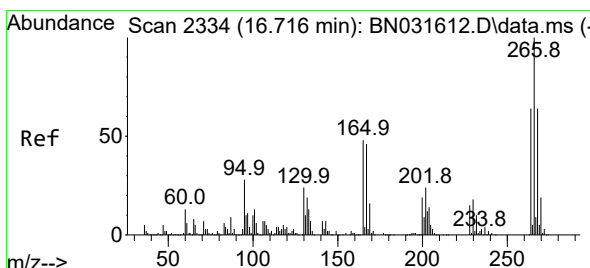
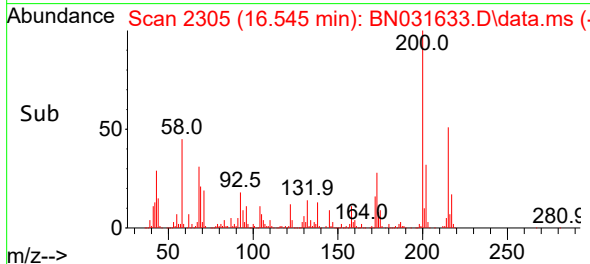
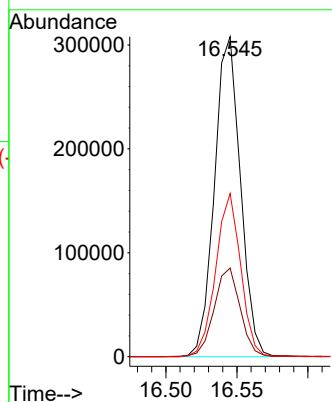
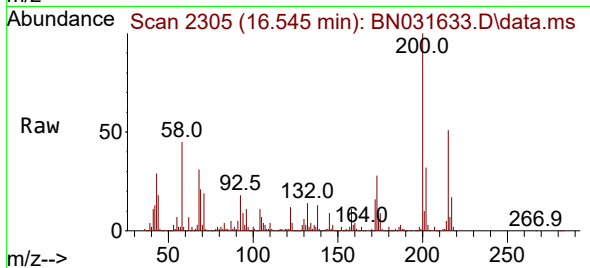
Tgt Ion:200 Resp: 391514

Ion Ratio Lower Upper

200 100

173 27.7 22.1 33.1

215 51.0 39.4 59.0



#71

Pentachlorophenol

Concen: 18.477 ng/ul

RT: 16.716 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

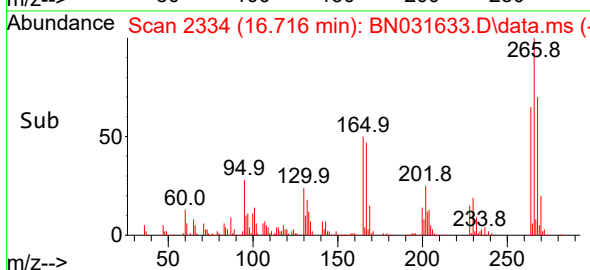
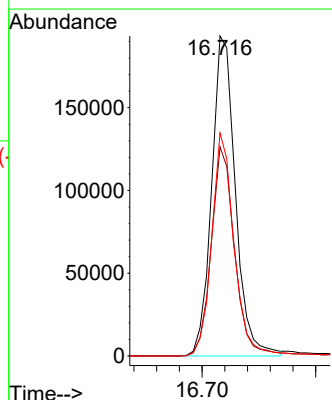
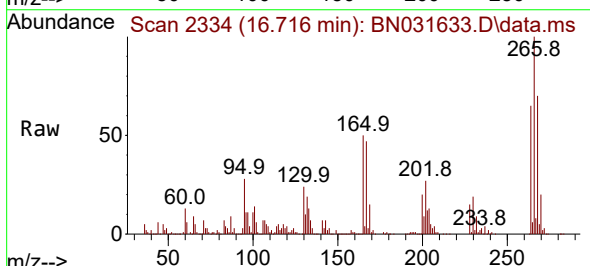
Tgt Ion:266 Resp: 280713

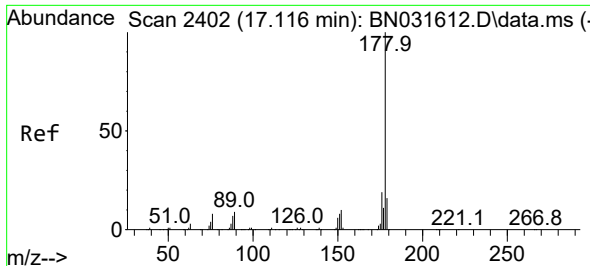
Ion Ratio Lower Upper

266 100

264 65.3 45.8 68.6

268 69.6 47.4 71.0

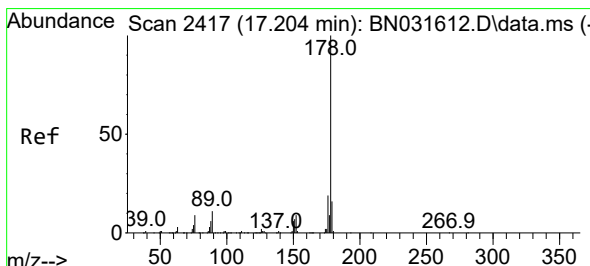
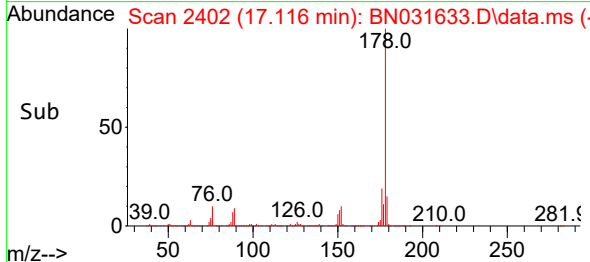
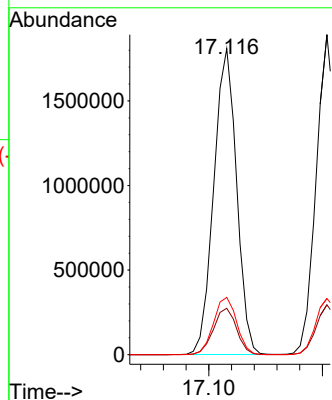
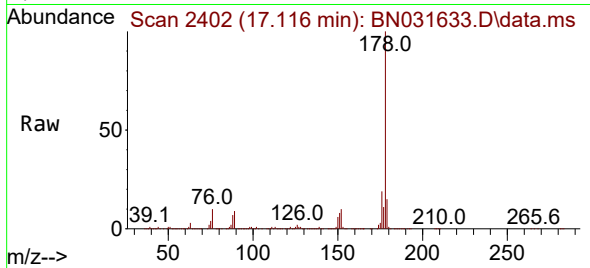




#72
Phenanthrene
Concen: 20.269 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

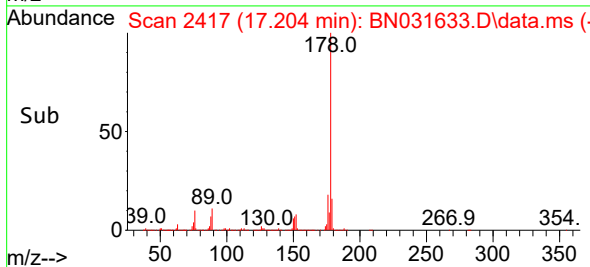
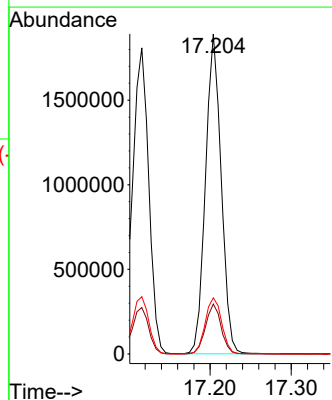
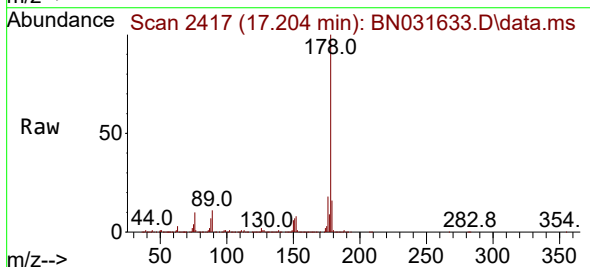
Instrument :
BNA_N
ClientSampleId :
SSTD020259

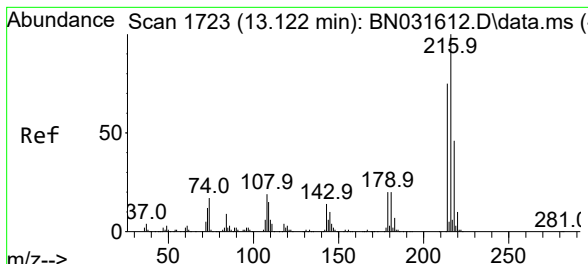
Tgt Ion:178 Resp: 2521438
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 18.7 15.2 22.8



#74
Anthracene
Concen: 20.263 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:178 Resp: 2528909
Ion Ratio Lower Upper
178 100
179 15.6 11.9 17.9
176 17.6 15.4 23.2



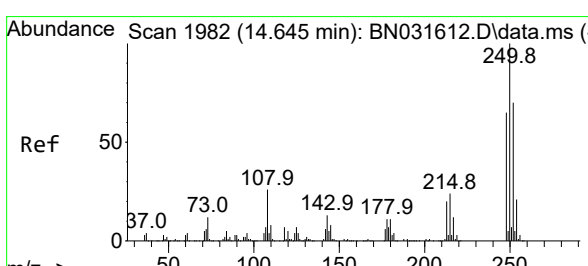
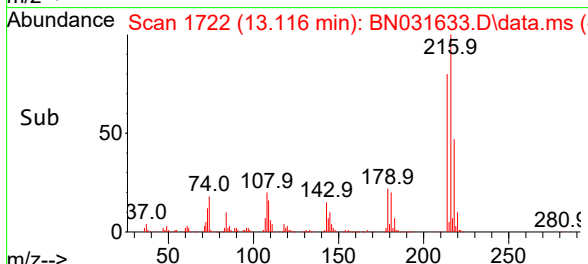
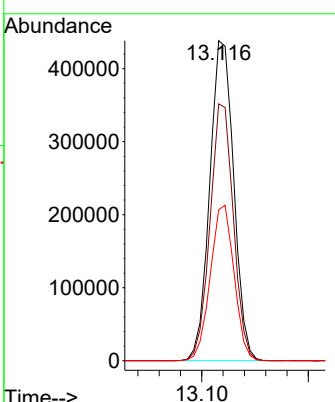
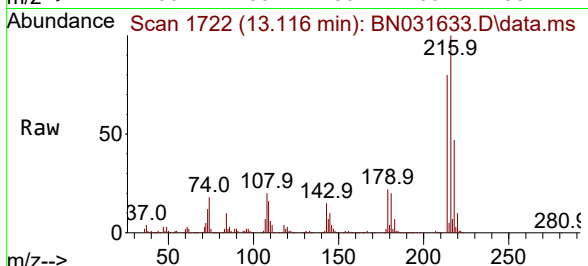


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 17.577 ng/uL
 RT: 13.116 min Scan# 1722
 Delta R.T. -0.006 min
 Lab File: BN031633.D
 Acq: 23 May 2024 15:37

Instrument :
 BNA_N
 ClientSampleId :
 SST020259

Tgt Ion:216 Resp: 684920

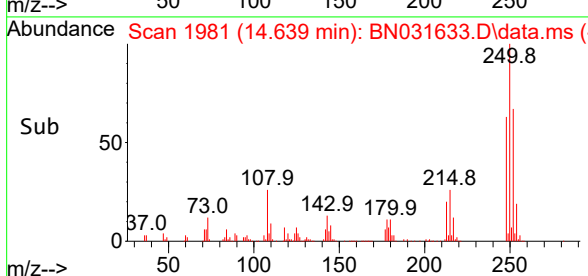
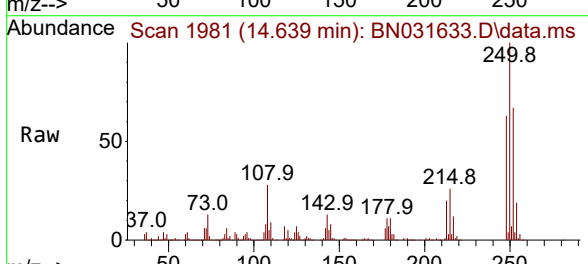
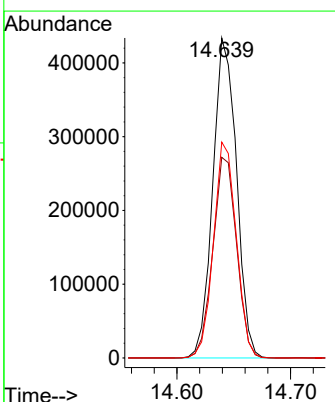
Ion	Ratio	Lower	Upper
216	100		
214	80.3	61.7	92.5
218	47.2	39.0	58.6

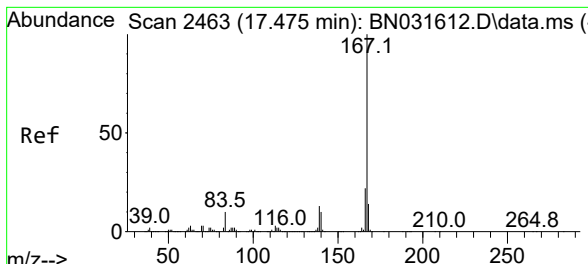


#76
 Pentachlorobenzene
 Concen: 17.786 ng/uL
 RT: 14.639 min Scan# 1981
 Delta R.T. -0.006 min
 Lab File: BN031633.D
 Acq: 23 May 2024 15:37

Tgt Ion:250 Resp: 627584

Ion	Ratio	Lower	Upper
250	100		
248	62.7	47.3	70.9
252	67.5	51.0	76.4



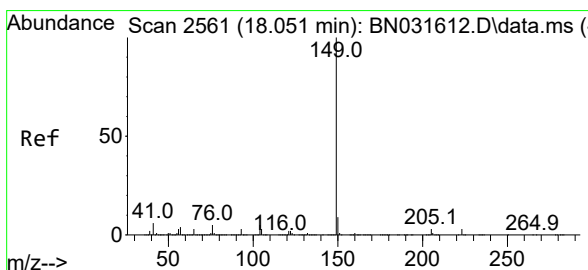
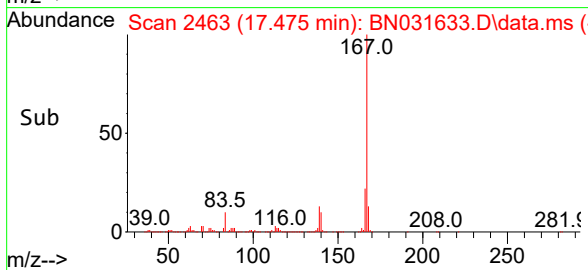
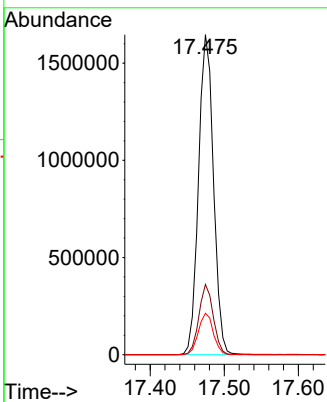
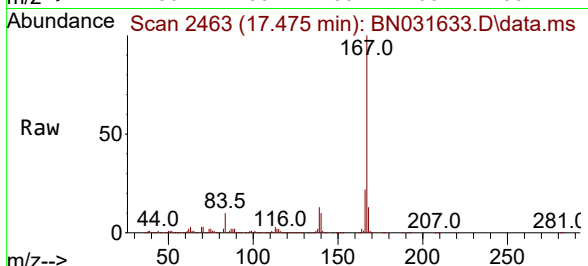


#77
 Carbazole
 Concen: 21.714 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031633.D
 Acq: 23 May 2024 15:37

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020259

Tgt Ion:167 Resp: 2312637

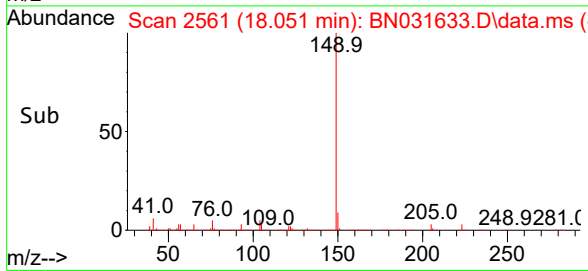
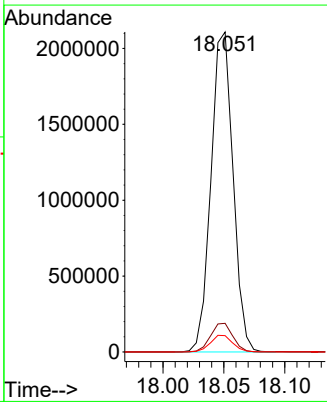
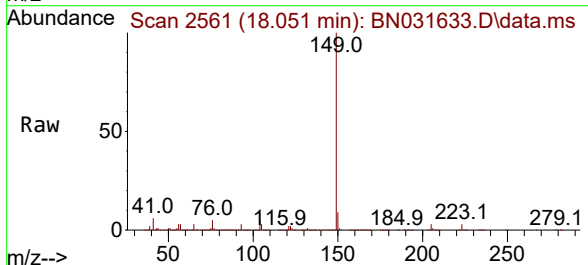
Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.7	25.1
139	12.9	10.5	15.7

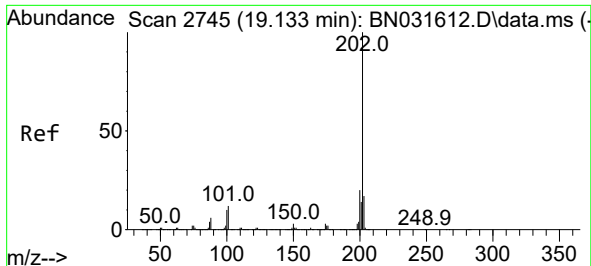


#78
 Di-n-butylphthalate
 Concen: 21.729 ng/ul
 RT: 18.051 min Scan# 2561
 Delta R.T. -0.000 min
 Lab File: BN031633.D
 Acq: 23 May 2024 15:37

Tgt Ion:149 Resp: 2657178

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.0	10.6
104	5.1	4.2	6.2

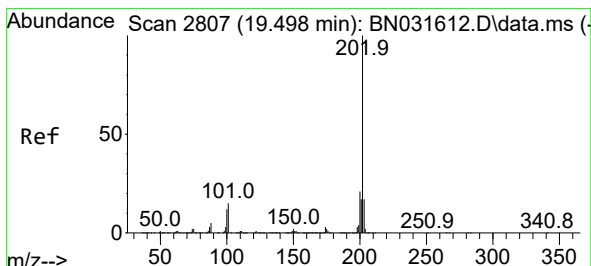
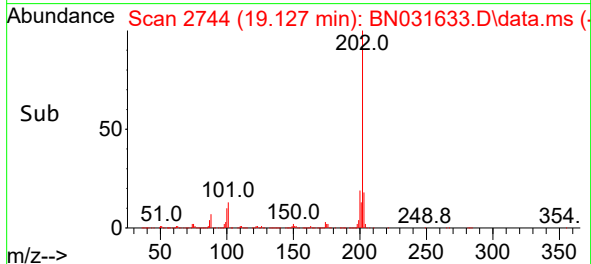
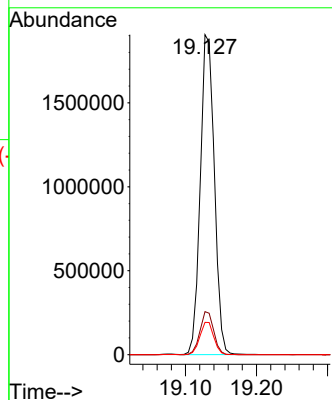
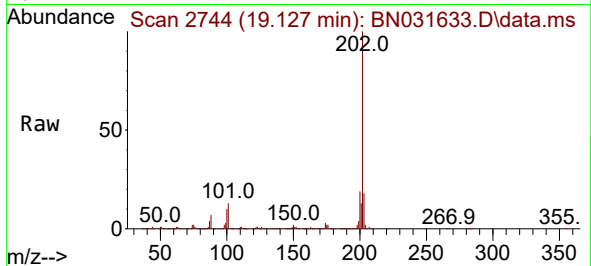




#80
Fluoranthene
Concen: 21.211 ng/ul
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

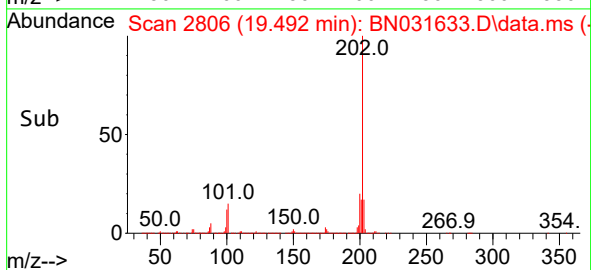
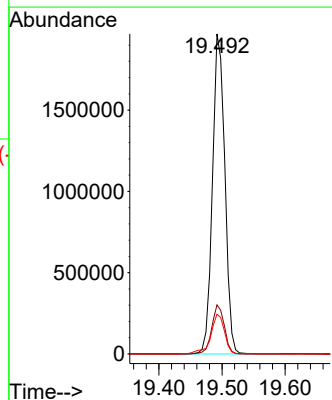
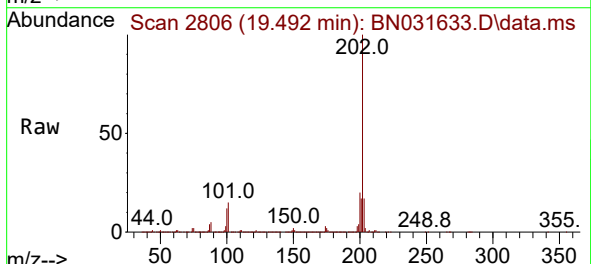
Instrument :
BNA_N
ClientSampleId :
SSTD020259

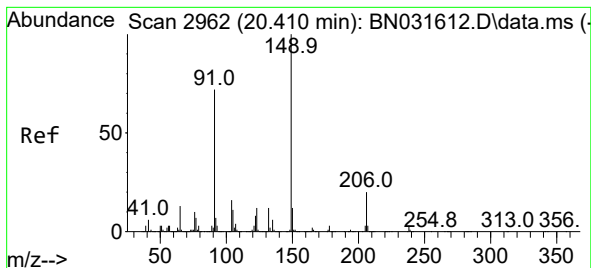
Tgt Ion:202 Resp: 2635222
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 10.1 8.0 12.0



#82
Pyrene
Concen: 21.028 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:202 Resp: 2679210
Ion Ratio Lower Upper
202 100
101 15.4 11.4 17.2
100 12.4 9.3 13.9





#83

Butylbenzylphthalate

Concen: 22.241 ng/ul

RT: 20.410 min Scan# 2962

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

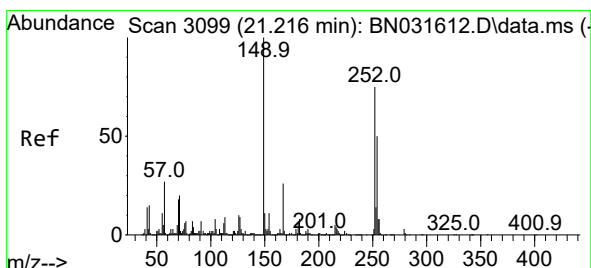
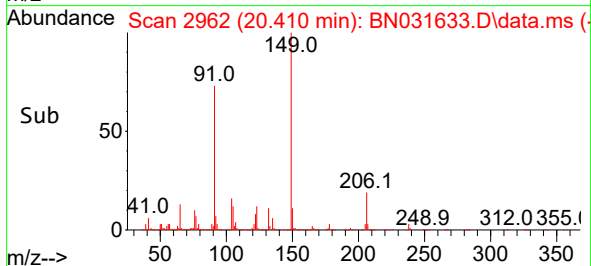
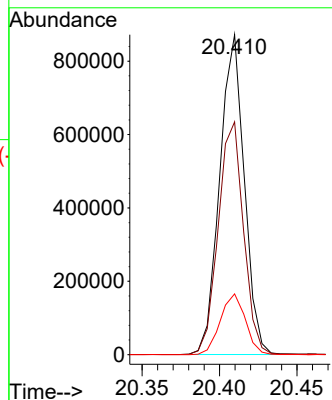
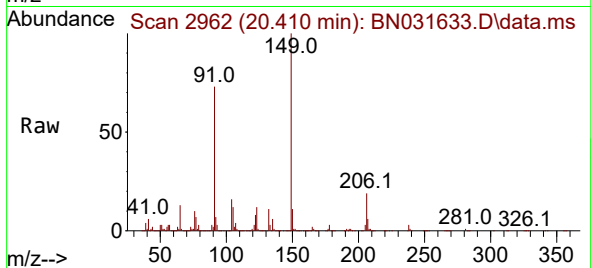
Tgt Ion:149 Resp: 961726

Ion Ratio Lower Upper

149 100

91 72.8 60.8 91.2

206 19.0 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 17.873 ng/ul

RT: 21.215 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

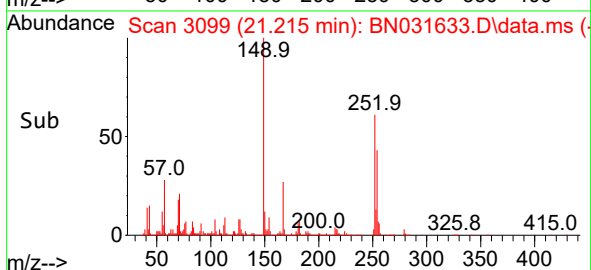
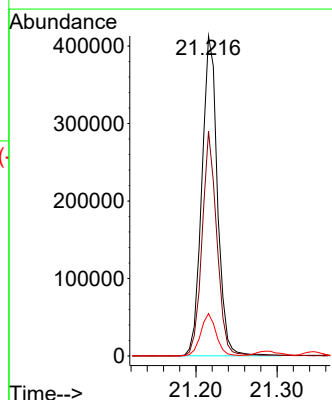
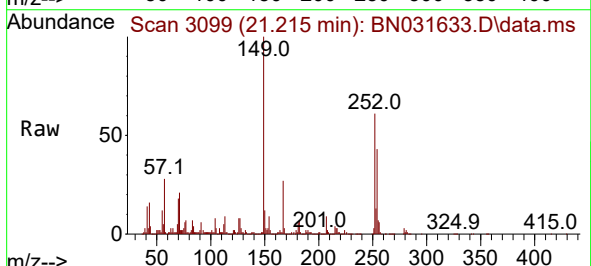
Tgt Ion:252 Resp: 550699

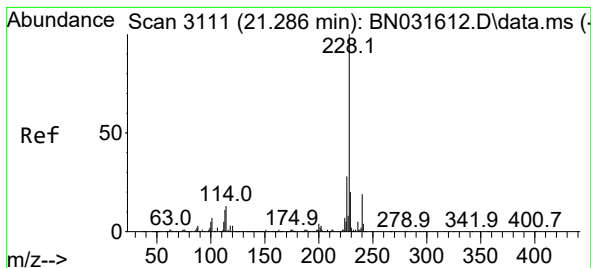
Ion Ratio Lower Upper

252 100

254 70.2 51.4 77.0

126 13.3 10.6 15.8





#85

Benzo(a)anthracene

Concen: 19.900 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

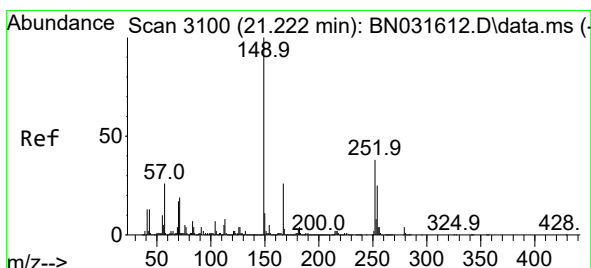
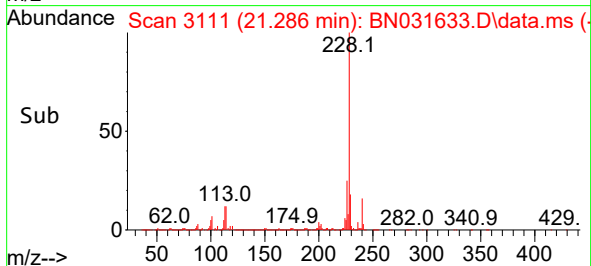
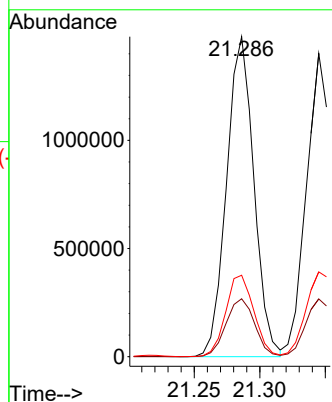
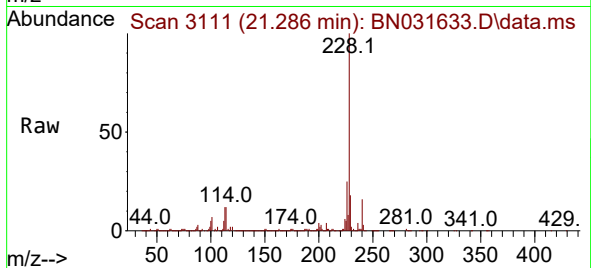
Tgt Ion:228 Resp: 2144335

Ion Ratio Lower Upper

228 100

229 18.1 15.7 23.5

226 25.5 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.106 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

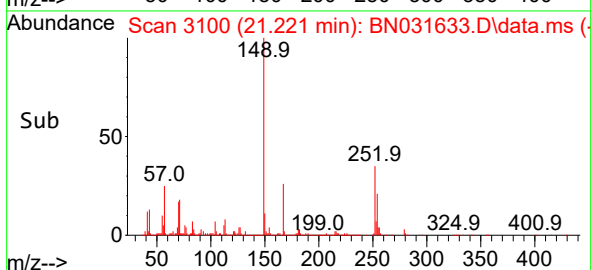
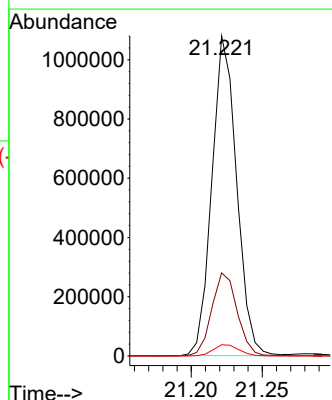
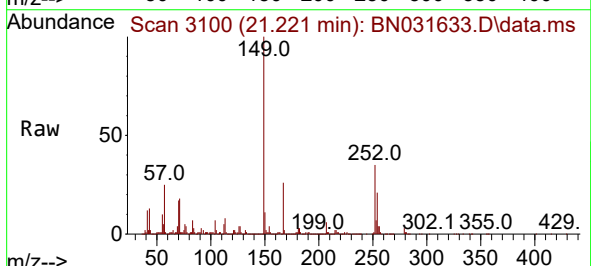
Tgt Ion:149 Resp: 1308854

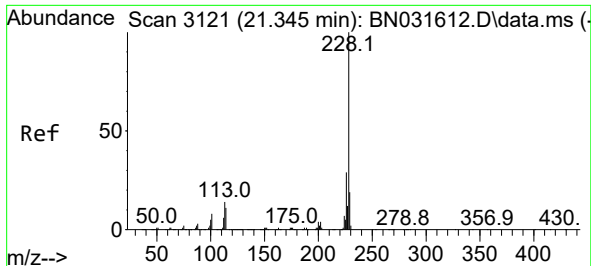
Ion Ratio Lower Upper

149 100

167 26.0 21.6 32.4

279 3.5 2.8 4.2

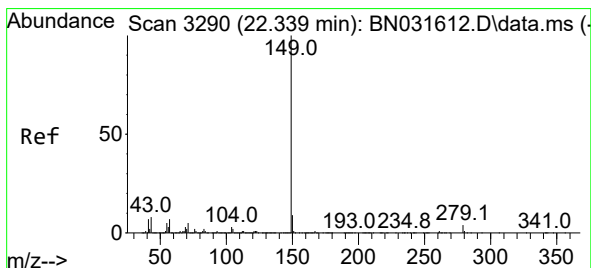
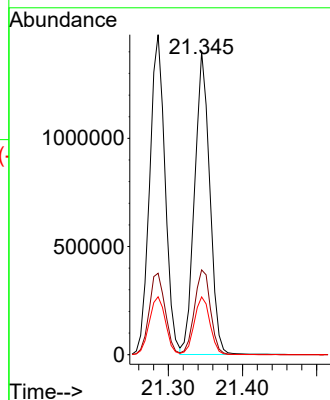
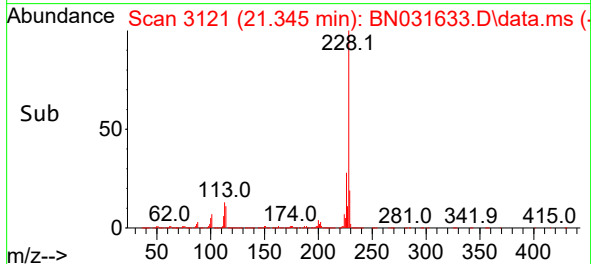
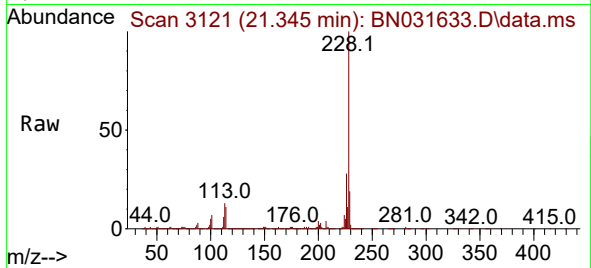




#87
Chrysene
Concen: 19.903 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

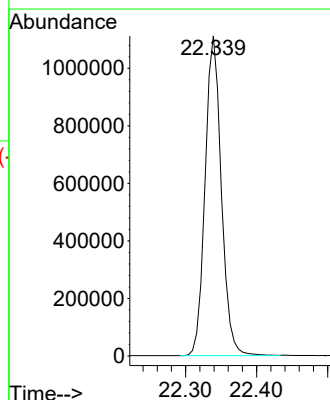
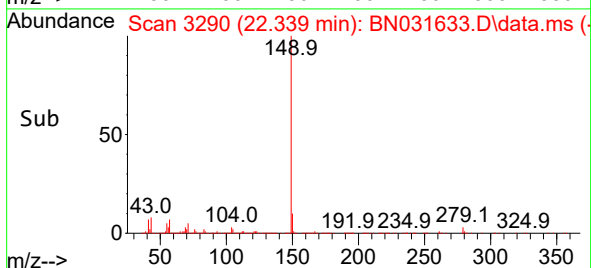
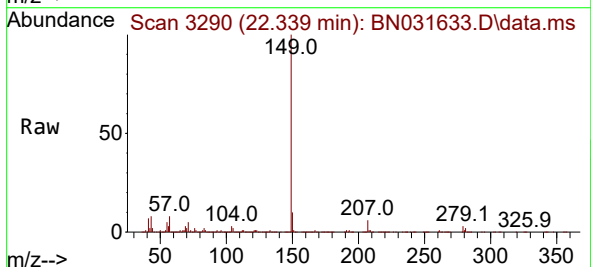
Instrument :
BNA_N
ClientSampleId :
SSTD020259

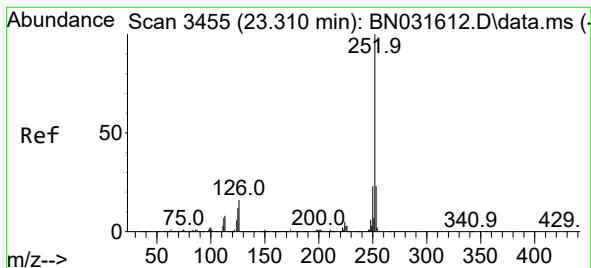
Tgt Ion:228 Resp: 1981079
Ion Ratio Lower Upper
228 100
226 28.0 22.9 34.3
229 19.1 15.2 22.8



#89
Di-n-octyl phthalate
Concen: 22.888 ng/ul
RT: 22.339 min Scan# 3290
Delta R.T. -0.000 min
Lab File: BN031633.D
Acq: 23 May 2024 15:37

Tgt Ion:149 Resp: 1770215





#90

Benzo(b)fluoranthene

Concen: 20.926 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

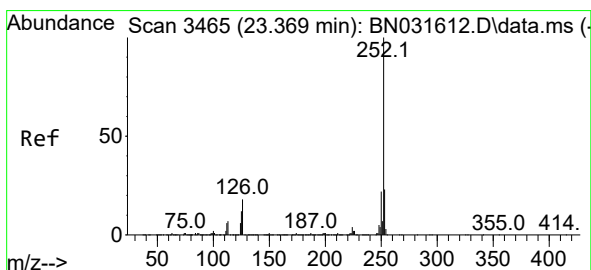
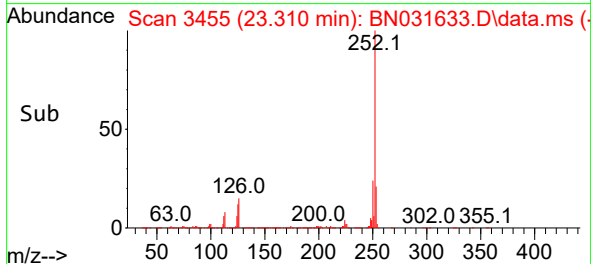
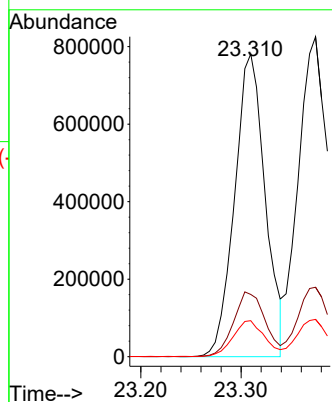
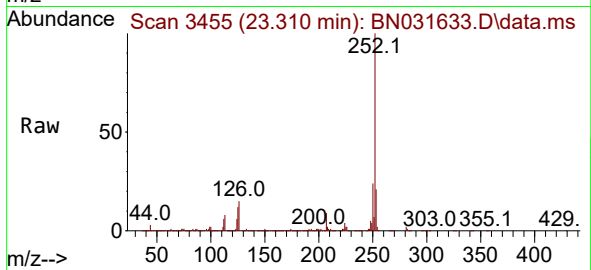
Tgt Ion:252 Resp: 1652461

Ion Ratio Lower Upper

252 100

253 20.5 16.8 25.2

125 11.9 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 21.539 ng/ul

RT: 23.374 min Scan# 3466

Delta R.T. 0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

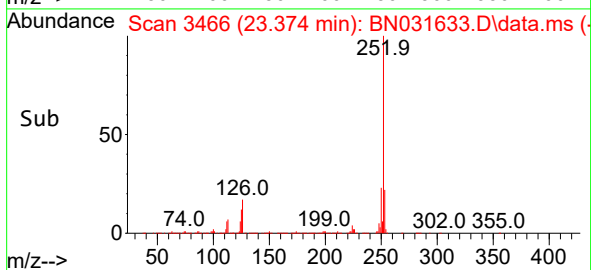
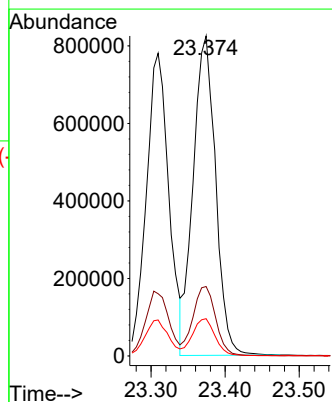
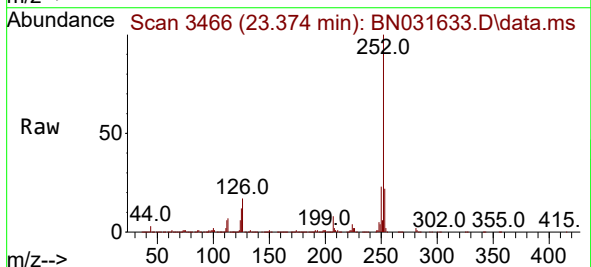
Tgt Ion:252 Resp: 1733828

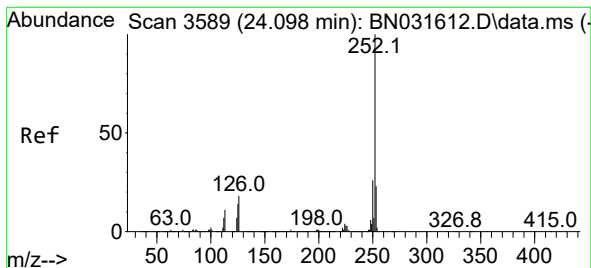
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.7 9.3 13.9





#93

Benzo(a)pyrene

Concen: 20.919 ng/ul

RT: 24.098 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

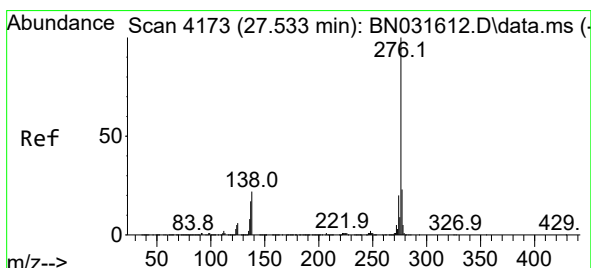
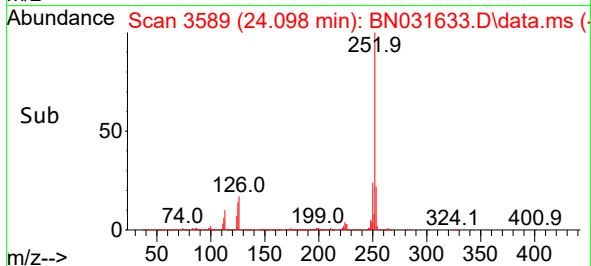
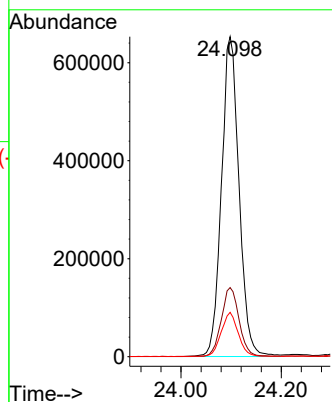
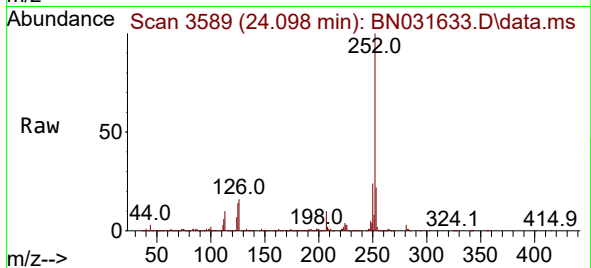
Tgt Ion:252 Resp: 1586813

Ion Ratio Lower Upper

252 100

253 21.6 16.6 24.8

125 13.9 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.911 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

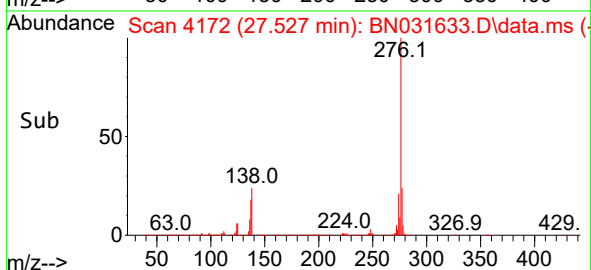
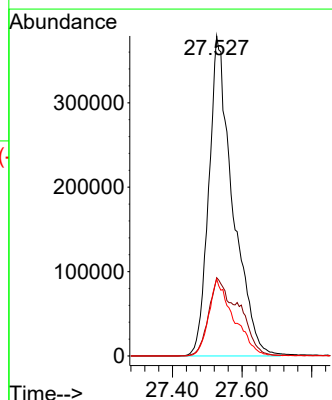
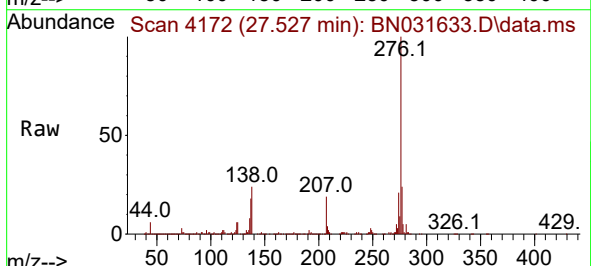
Tgt Ion:276 Resp: 1812718

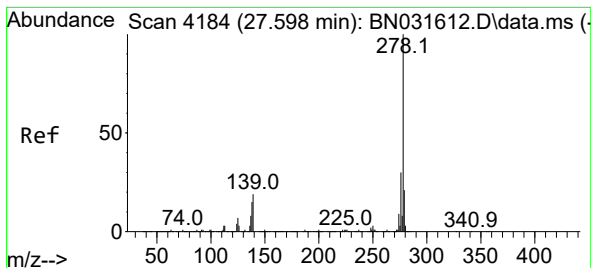
Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.6

277 24.0 18.2 27.4





#95

Dibenzo(a,h)anthracene

Concen: 20.044 ng/ul

RT: 27.592 min Scan# 4184

Delta R.T. -0.000 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD020259

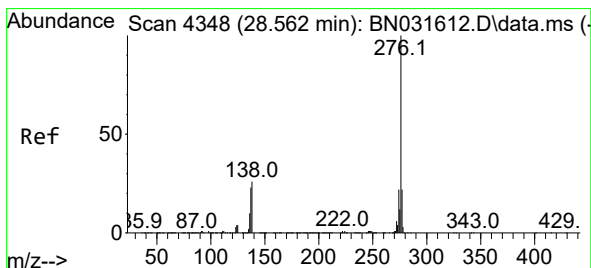
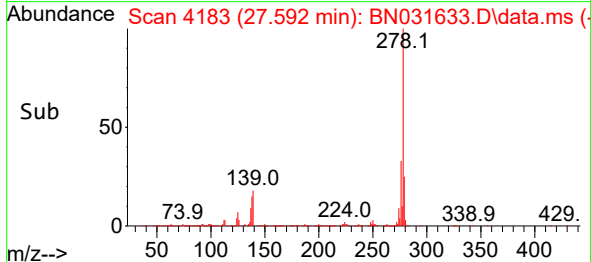
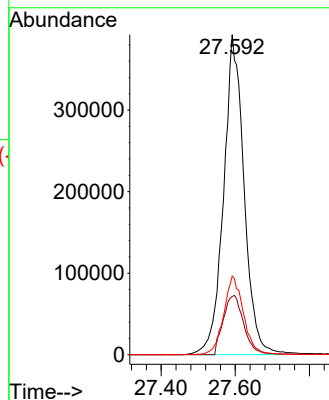
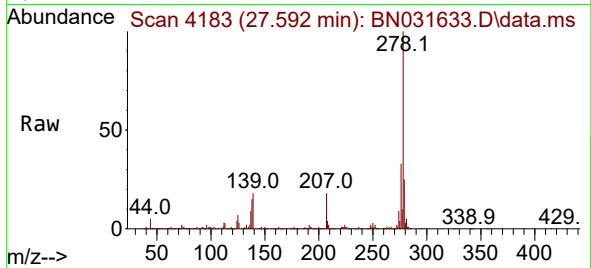
Tgt Ion:278 Resp: 1502688

Ion Ratio Lower Upper

278 100

139 18.2 15.2 22.8

279 24.6 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 20.260 ng/ul

RT: 28.562 min Scan# 4348

Delta R.T. 0.006 min

Lab File: BN031633.D

Acq: 23 May 2024 15:37

Tgt Ion:276 Resp: 1523917

Ion Ratio Lower Upper

276 100

138 24.1 19.5 29.3

277 22.1 17.6 26.4

