

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024941.D
 Acq On : 15 Apr 2023 19:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020273

Quant Time: Apr 17 04:04:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 17 02:58:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	355282	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1581834	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	973237	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	2158284	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	2090687	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	2332533	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	75288	8.065	ng/uL	0.00
4) Pyridine-d5	3.728	84	574891	20.567	ng/u1	0.00
7) Phenol-d5	7.093	99	717559	20.716	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	480069	20.722	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	548504	21.548	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	579517	21.075	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	280115	21.871	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	310950	22.414	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	551057	22.223	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	814967	21.657	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1640941	21.750	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	1922204	22.233	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	334993	21.660	ng/u1	0.00
60) Fluorene-d10	15.575	176	1405074	22.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	295534	21.040	ng/u1	0.00
73) Anthracene-d10	17.428	188	2217155	21.873	ng/u1	0.00
81) Pyrene-d10	19.722	212	2584237	21.286	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	2599493	21.314	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	82794	8.219	ng/uL	93
5) Pyridine	3.752	79	589399	20.409	ng/u1	99
6) Benzaldehyde	7.069	77	422654	24.974	ng/u1	98
8) Phenol	7.122	94	760095	21.071	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.358	93	597755	21.107	ng/u1	99
12) 2-Chlorophenol	7.493	128	567754	21.355	ng/u1	99
13) 2-Methylphenol	8.381	108	558824	21.100	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1135399	20.417	ng/u1	99
16) Acetophenone	8.763	105	929068	21.368	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.752	70	494539	21.087	ng/u1	99
18) 4-Methylphenol	8.710	108	613838	20.842	ng/u1	98
19) Hexachloroethane	9.016	117	227027	21.159	ng/u1	98
22) Nitrobenzene	9.146	77	744952	21.646	ng/u1	98
23) Isophorone	9.669	82	1350108	21.371	ng/u1	99
25) 2-Nitrophenol	9.863	139	334882	22.378	ng/u1	94
26) 2,4-Dimethylphenol	9.916	107	682187	21.651	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.157	93	828453	21.072	ng/u1	98
29) 2,4-Dichlorophenol	10.393	162	541719	21.768	ng/u1	99
30) Naphthalene	10.799	128	1896951	21.473	ng/u1	100
32) 4-Chloroaniline	10.910	127	828400	21.746	ng/u1	100
33) Hexachlorobutadiene	11.081	225	316453	21.816	ng/u1	97
34) Caprolactam	11.687	113	106740	12.237	ng/u1	89
35) 4-Chloro-3-methylphenol	12.034	107	642078	22.005	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	1261944	21.614	ng/u1	100

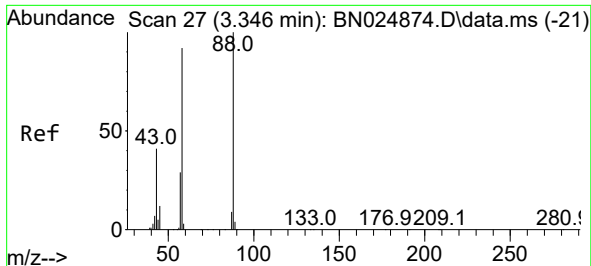
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1246312	21.384	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	625229	22.024	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	372810	21.536	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	432246	22.285	ng/ul	96
42) 2,4,5-Trichlorophenol	13.087	196	478966	22.565	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	1673601	21.583	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1322202	21.960	ng/ul	99
45) 2-Nitroaniline	13.663	65	465499	22.140	ng/ul	98
47) Dimethylphthalate	14.040	163	1648711	21.719	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	342583	23.121	ng/ul	98
50) Acenaphthylene	14.304	152	2104653	22.163	ng/ul	99
51) 3-Nitroaniline	14.487	138	354726	22.781	ng/ul	99
52) Acenaphthene	14.645	153	1433009	21.828	ng/ul	98
53) 2,4-Dinitrophenol	14.693	184	200476	21.043	ng/ul	95
55) 4-Nitrophenol	14.793	109	279959	22.241	ng/ul	94
56) Dibenzofuran	14.981	168	1968273	21.751	ng/ul	96
57) 2,4-Dinitrotoluene	14.945	165	493792	23.022	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	398658	22.808	ng/ul	97
59) Diethylphthalate	15.398	149	1705123	22.354	ng/ul	98
61) Fluorene	15.628	166	1633764	22.447	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.622	204	777775	22.958	ng/ul	98
63) 4-Nitroaniline	15.651	138	371358	24.201	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	298517	21.696	ng/ul	99
67) N-Nitrosodiphenylamine	15.834	169	1364025	20.832	ng/ul	97
68) 4-Bromophenyl-phenylether	16.516	248	470844	21.704	ng/ul	95
69) Hexachlorobenzene	16.634	284	523156	21.299	ng/ul	98
70) Atrazine	16.787	200	500217	22.451	ng/ul	100
71) Pentachlorophenol	16.975	266	332573	21.784	ng/ul	93
72) Phenanthrene	17.369	178	2591762	21.280	ng/ul	99
74) Anthracene	17.463	178	2620484	21.352	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	642301	20.923	ng/ul	97
76) Pentachlorobenzene	14.898	250	633801	21.580	ng/ul	98
77) Carbazole	17.734	167	2471469	22.303	ng/ul	98
78) Di-n-butylphthalate	18.292	149	2903798	22.077	ng/ul	99
80) Fluoranthene	19.386	202	3043251	20.916	ng/ul	99
82) Pyrene	19.751	202	3221947	21.038	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1391101	21.878	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	1093053	22.787	ng/ul	98
85) Benzo(a)anthracene	21.510	228	3203212	21.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	2051029	21.608	ng/ul	99
87) Chrysene	21.563	228	2972743	20.785	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3571833	22.283	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3441816	22.500	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	3071142	20.403	ng/ul	97
93) Benzo(a)pyrene	23.869	252	2899488	21.650	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.533	276	3371540	20.778	ng/ul	99
95) Dibenzo(a,h)anthracene	26.557	278	2745976	20.498	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	2606877	19.798	ng/ul	99

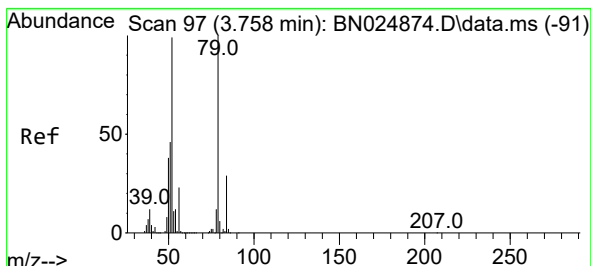
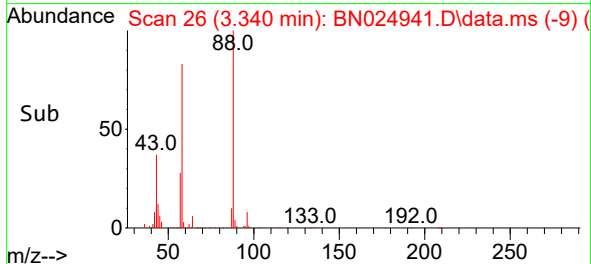
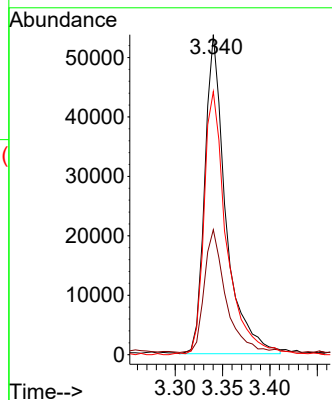
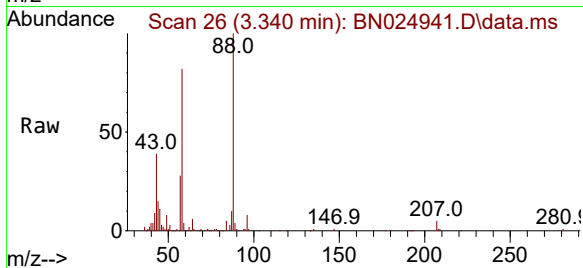
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#2
1,4-Dioxane
Concen: 8.219 ng/uL
RT: 3.340 min Scan# 20
Delta R.T. 0.000 min
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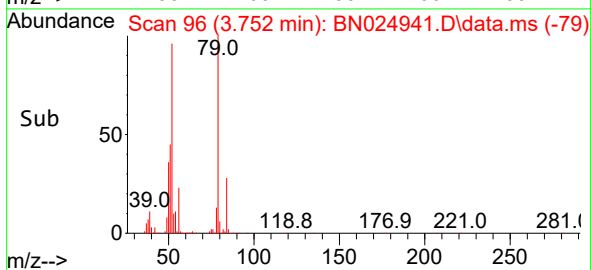
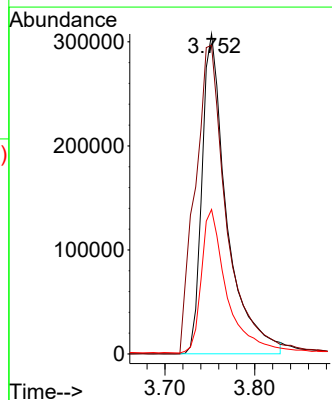
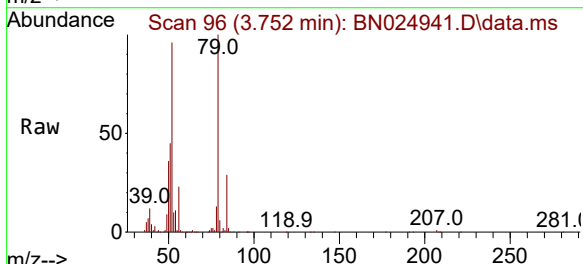
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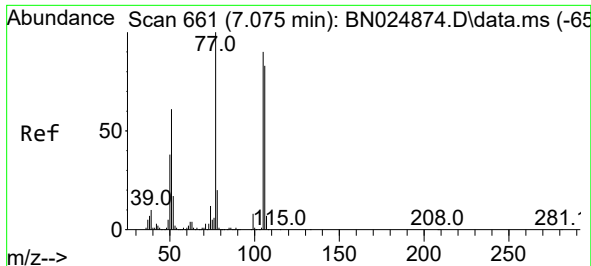
Tgt Ion: 88 Resp: 82794
Ion Ratio Lower Upper
88 100
43 39.1 33.0 49.4
58 82.2 72.3 108.5



#5
Pyridine
Concen: 20.409 ng/uL
RT: 3.752 min Scan# 96
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion: 79 Resp: 589399
Ion Ratio Lower Upper
79 100
52 96.4 76.1 114.1
51 45.1 35.8 53.6

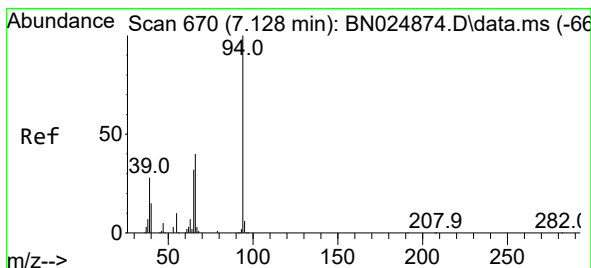
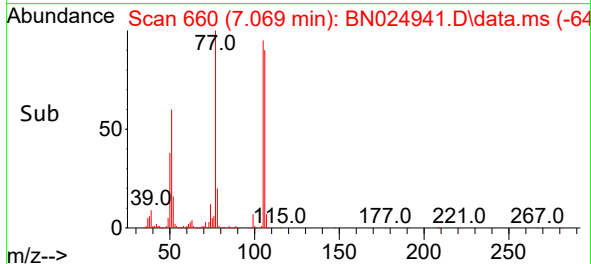
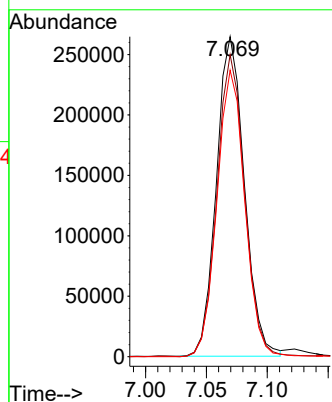
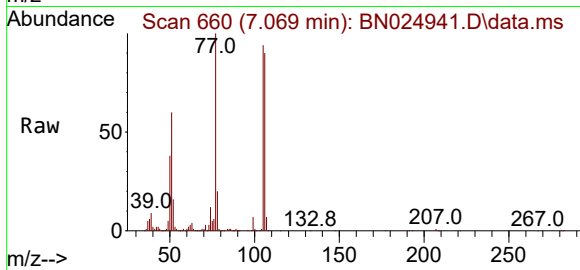




#6
Benzaldehyde
Concen: 24.974 ng/ul
RT: 7.069 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

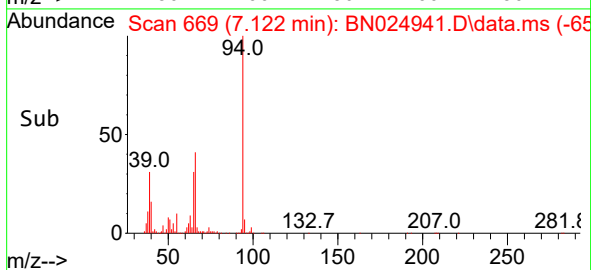
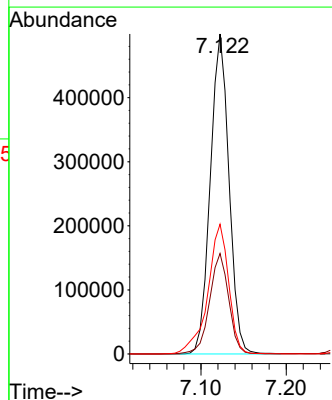
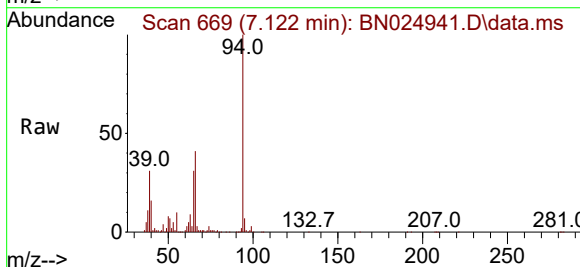
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ClientSampleId :
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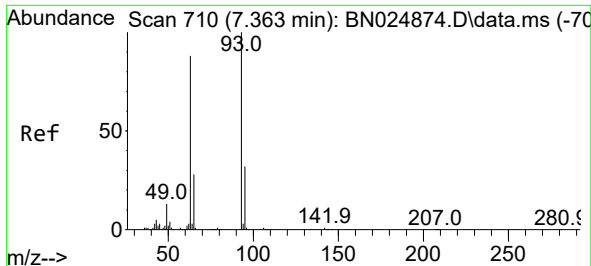
Tgt Ion: 77 Resp: 422654
Ion Ratio Lower Upper
77 100
105 94.4 74.3 111.5
106 89.5 73.3 109.9



#8
Phenol
Concen: 21.071 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion: 94 Resp: 760095
Ion Ratio Lower Upper
94 100
65 31.4 25.1 37.7
66 40.5 31.9 47.9

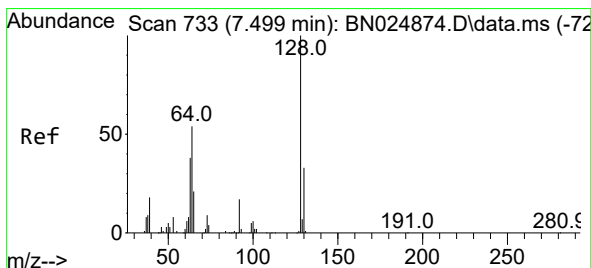
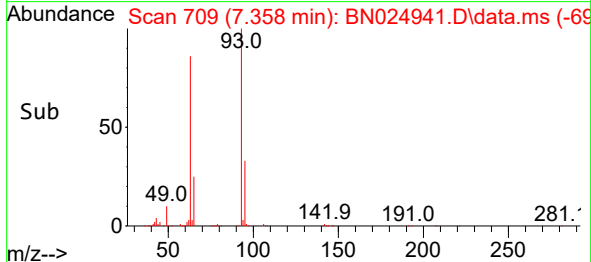
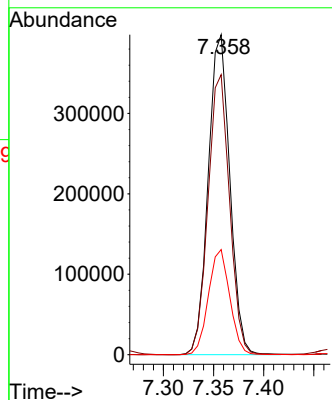
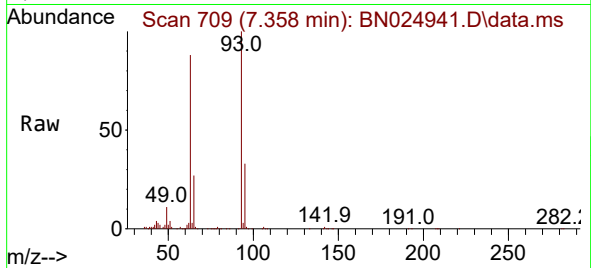




#10
Bis(2-Chloroethyl)ether
Concen: 21.107 ng/ul
RT: 7.358 min Scan# 709
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

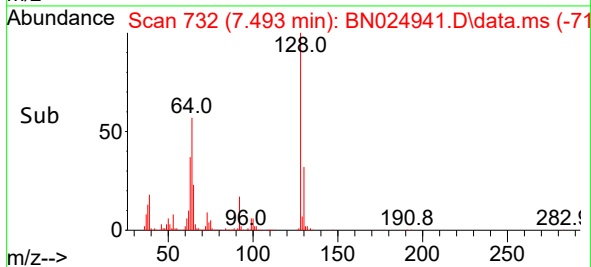
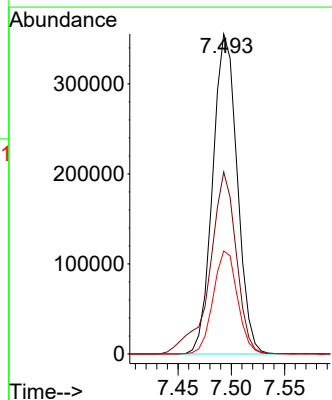
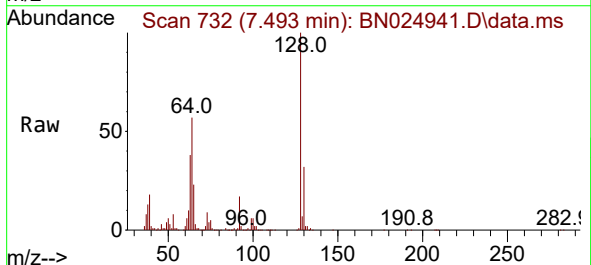
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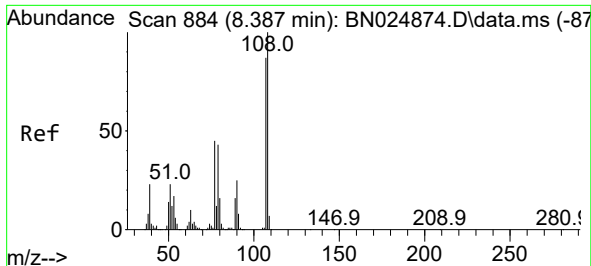
Tgt Ion: 93 Resp: 597755
Ion Ratio Lower Upper
93 100
63 87.5 70.9 106.3
95 32.8 26.0 39.0



#12
2-Chlorophenol
Concen: 21.355 ng/ul
RT: 7.493 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:128 Resp: 567754
Ion Ratio Lower Upper
128 100
64 56.9 44.8 67.2
130 32.2 26.6 39.8





#13

2-Methylphenol

Concen: 21.100 ng/ul

RT: 8.381 min Scan# 884

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

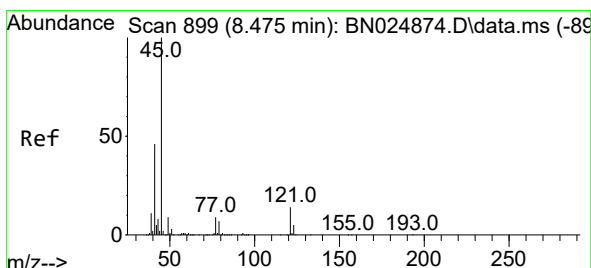
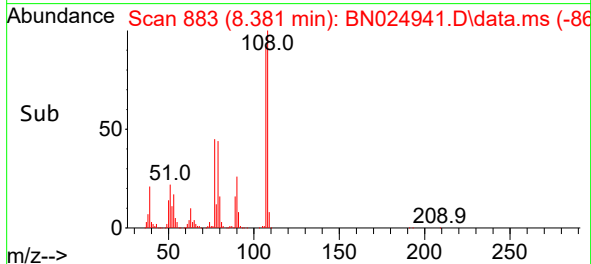
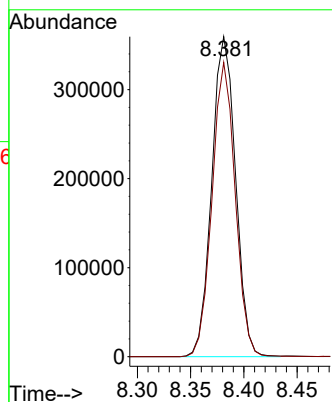
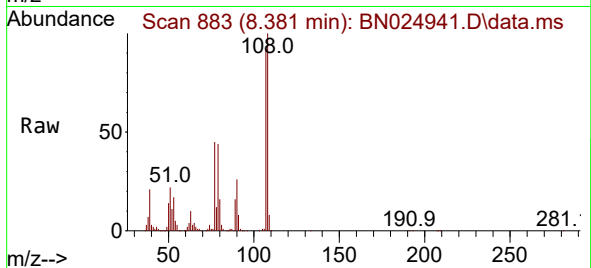
SSTD020273

Tgt Ion:108 Resp: 558824

Ion Ratio Lower Upper

108 100

107 92.0 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.417 ng/ul

RT: 8.469 min Scan# 898

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

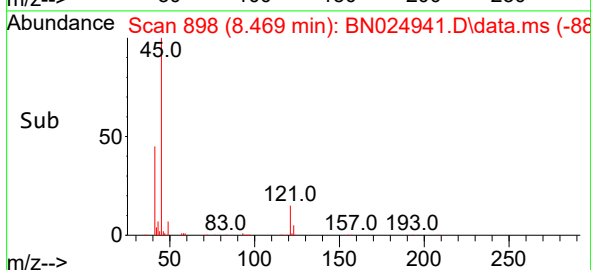
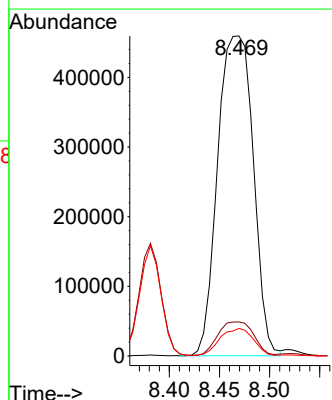
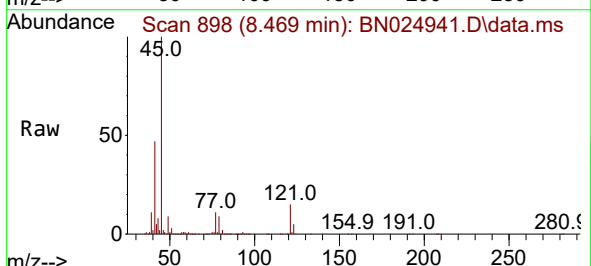
Tgt Ion: 45 Resp: 1135399

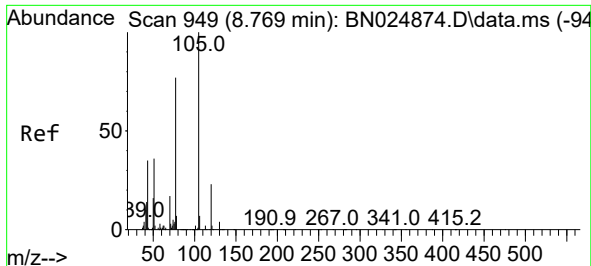
Ion Ratio Lower Upper

45 100

77 10.7 8.4 12.6

79 8.6 6.6 9.8

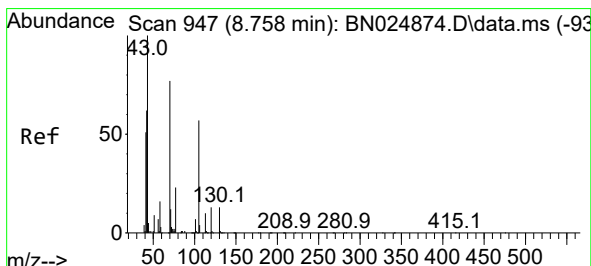
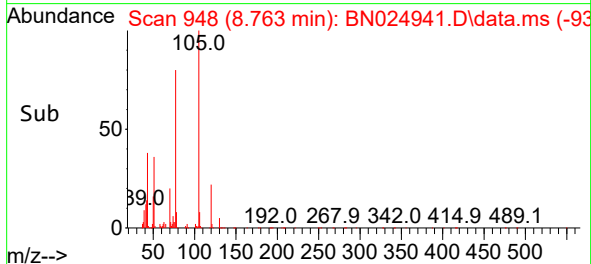
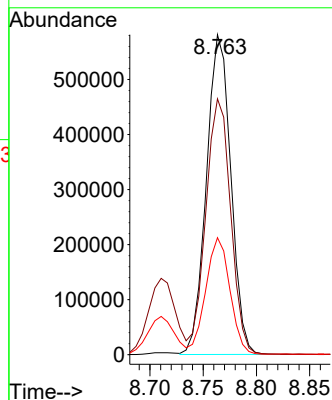
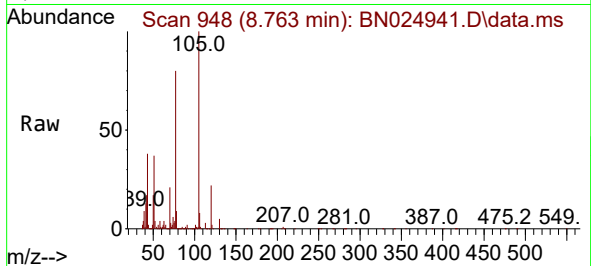




#16
Acetophenone
Concen: 21.368 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

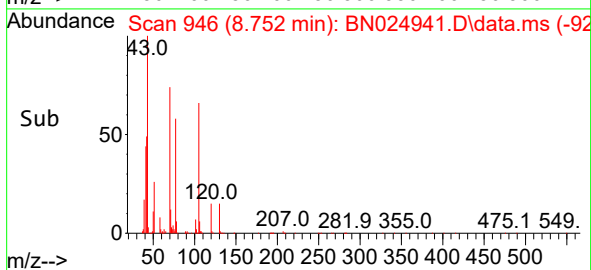
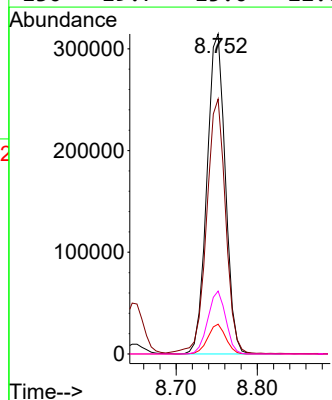
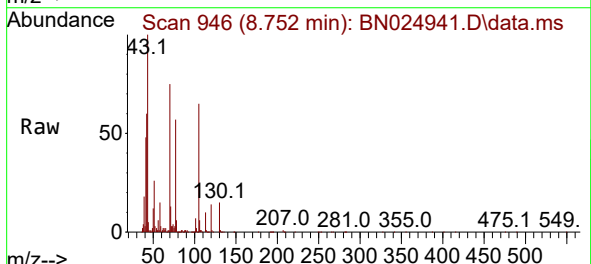
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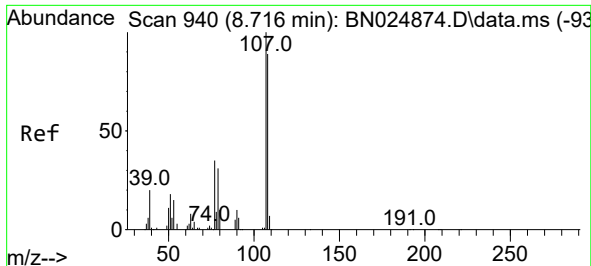
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Ion Ratio Lower Upper
105 100
77 80.0 64.8 97.2
51 36.5 28.7 43.1



#17
N-Nitroso-di-n-propylamine
Concen: 21.087 ng/ul
RT: 8.752 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion: 70 Resp: 494539
Ion Ratio Lower Upper
70 100
42 79.7 64.2 96.2
101 9.3 7.3 10.9
130 19.7 15.0 22.6





#18

4-Methylphenol

Concen: 20.842 ng/ul

RT: 8.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

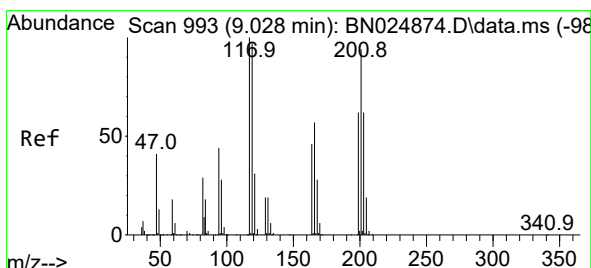
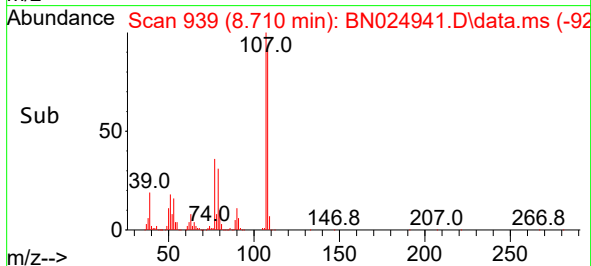
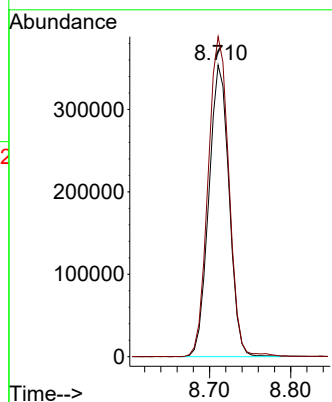
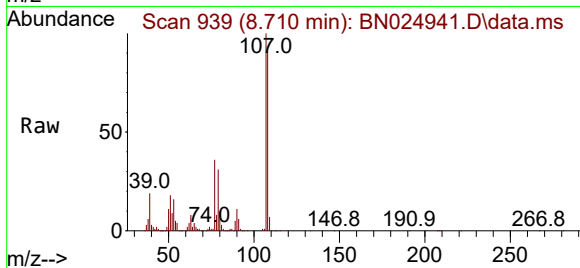
SSTD020273

Tgt Ion:108 Resp: 613838

Ion Ratio Lower Upper

108 100

107 109.7 85.8 128.6



#19

Hexachloroethane

Concen: 21.159 ng/ul

RT: 9.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

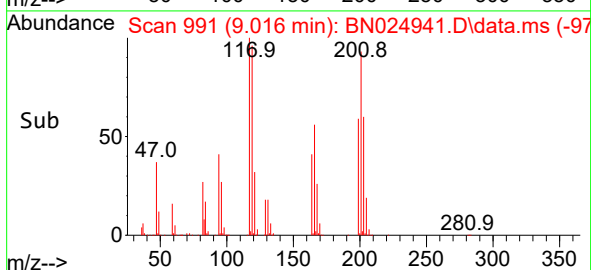
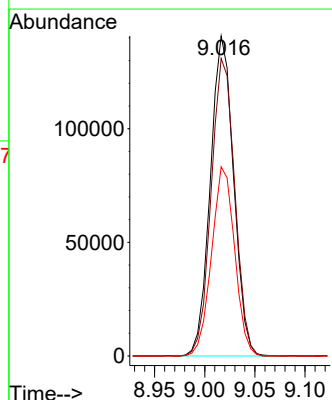
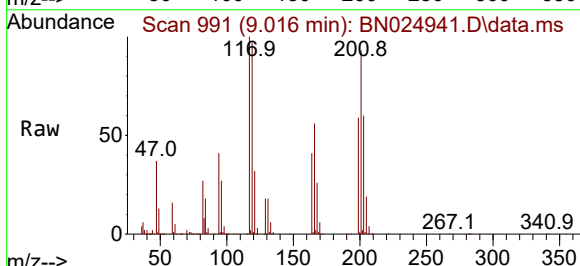
Tgt Ion:117 Resp: 227027

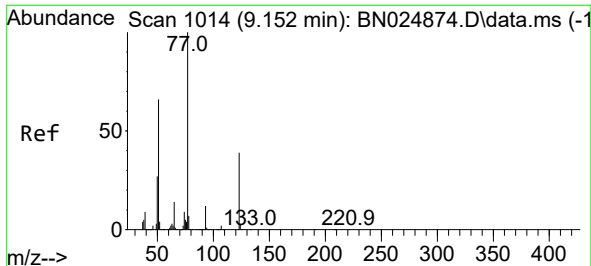
Ion Ratio Lower Upper

117 100

201 93.0 72.2 108.4

199 59.1 46.2 69.4

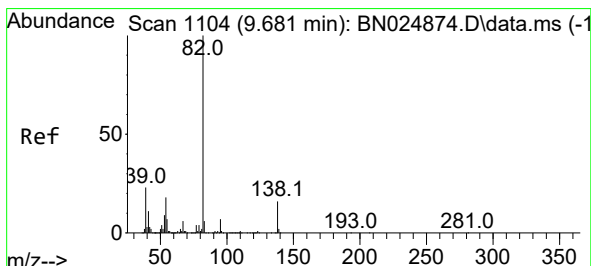
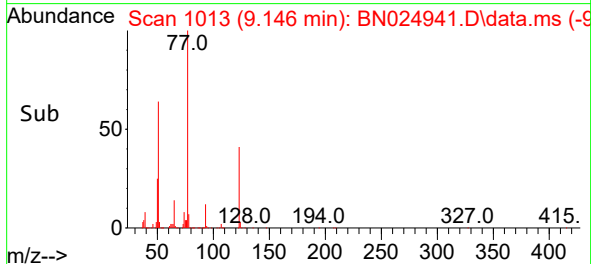
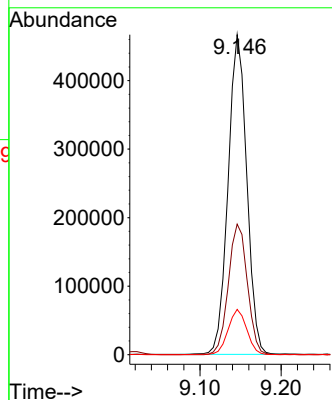
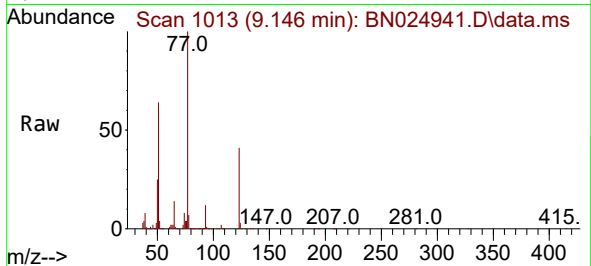




#22
Nitrobenzene
Concen: 21.646 ng/ul
RT: 9.146 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

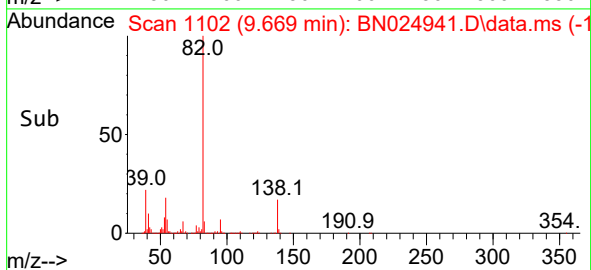
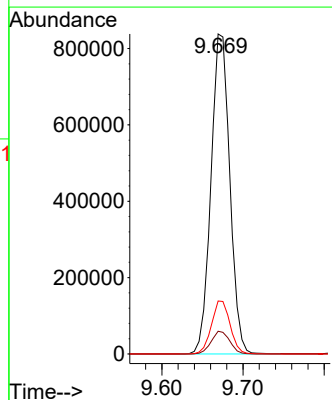
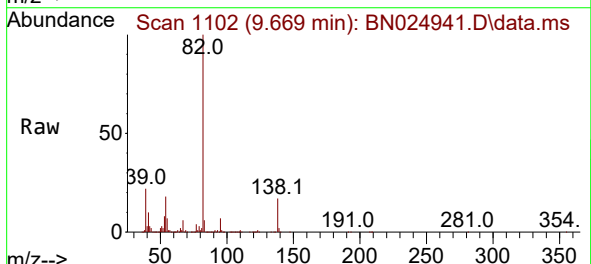
Instrument :
BNA_N
ClientSampleId :
SSTD020273

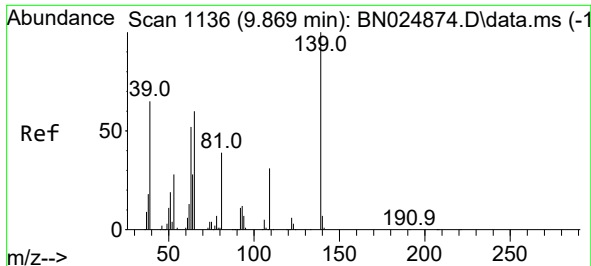
Tgt Ion: 77 Resp: 744952
Ion Ratio Lower Upper
77 100
123 40.8 33.5 50.3
65 14.1 11.8 17.8



#23
Isophorone
Concen: 21.371 ng/ul
RT: 9.669 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion: 82 Resp: 1350108
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 16.5 12.8 19.2

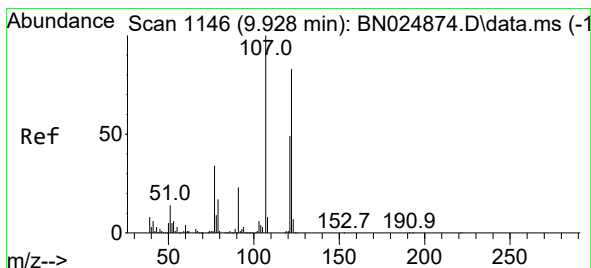
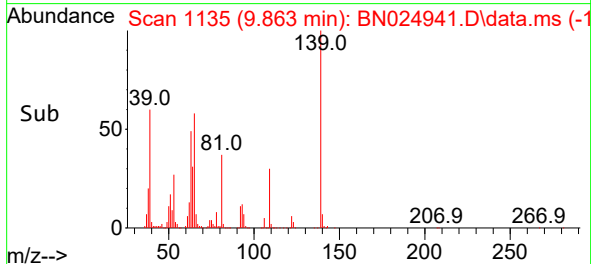
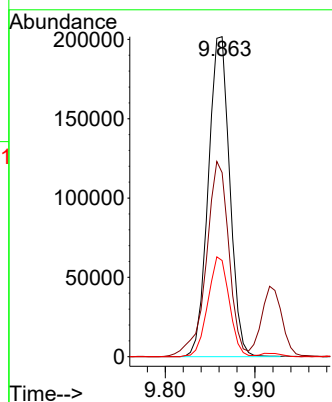
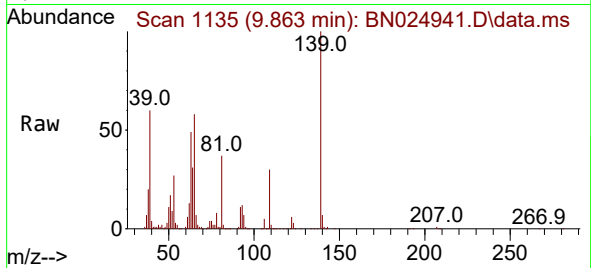




#25
2-Nitrophenol
Concen: 22.378 ng/ul
RT: 9.863 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

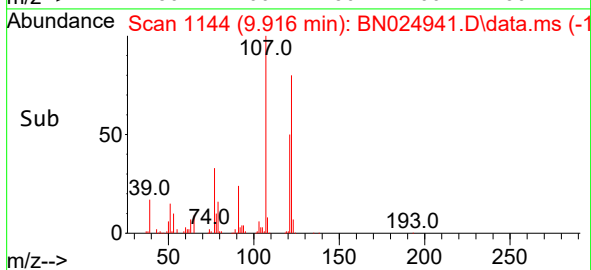
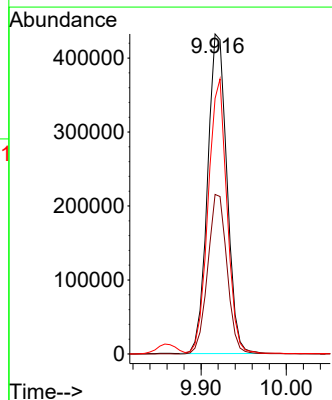
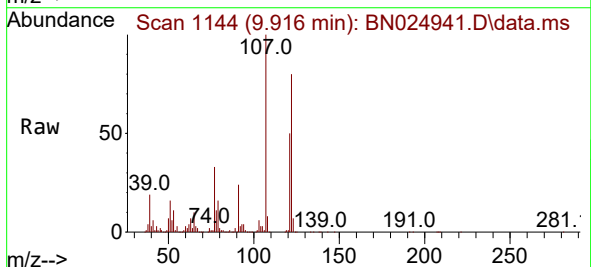
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ClientSampleId :
SSTD020273

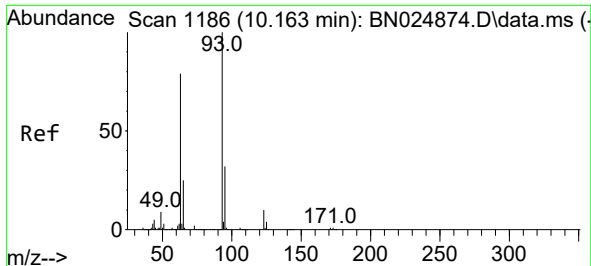
Tgt Ion:139 Resp: 334882
Ion Ratio Lower Upper
139 100
65 57.5 49.8 74.8
109 30.1 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 21.651 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:107 Resp: 682187
Ion Ratio Lower Upper
107 100
121 49.8 39.7 59.5
122 79.8 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 21.072 ng/ul

RT: 10.157 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

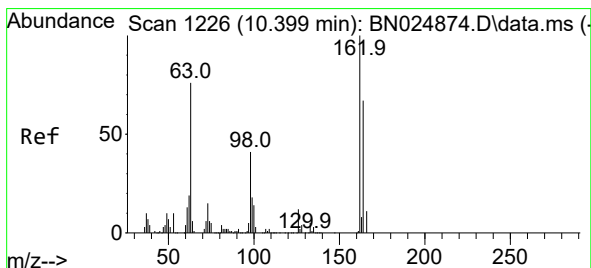
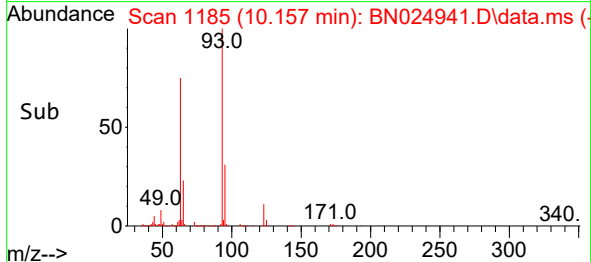
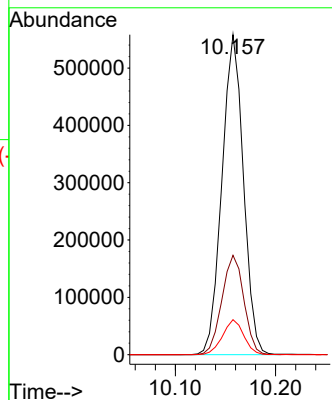
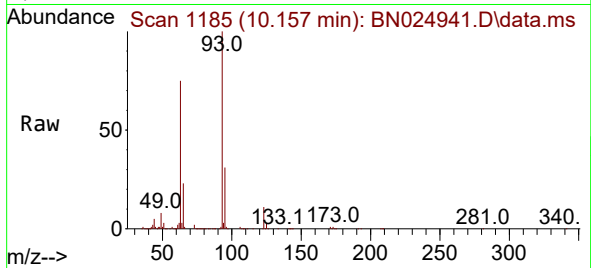
Tgt Ion: 93 Resp: 828453

Ion Ratio Lower Upper

93 100

95 31.1 26.1 39.1

123 11.0 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 21.768 ng/ul

RT: 10.393 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

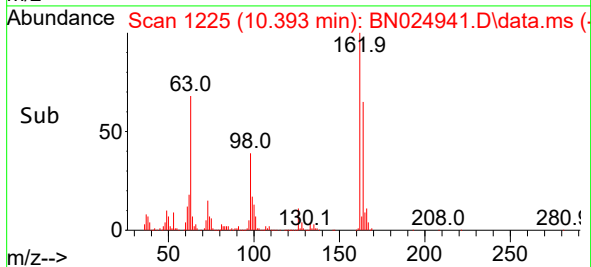
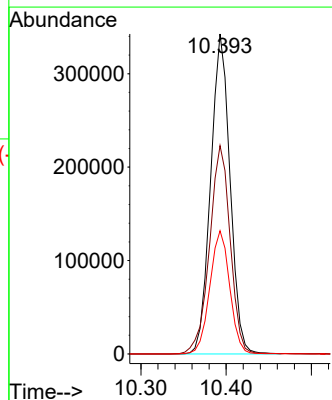
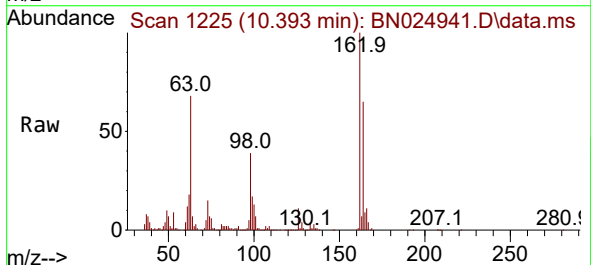
Tgt Ion:162 Resp: 541719

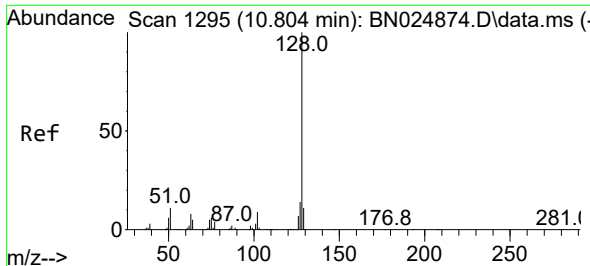
Ion Ratio Lower Upper

162 100

164 65.1 50.9 76.3

98 38.5 31.0 46.4

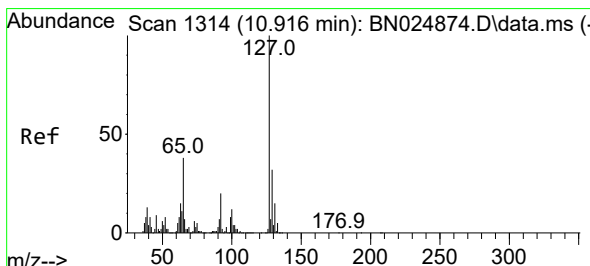
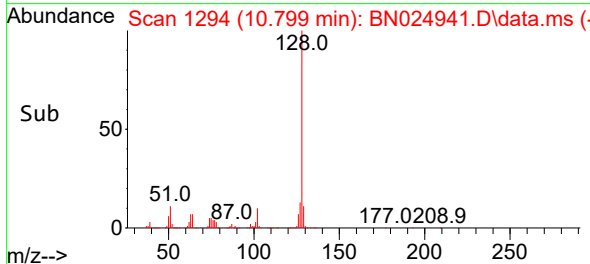
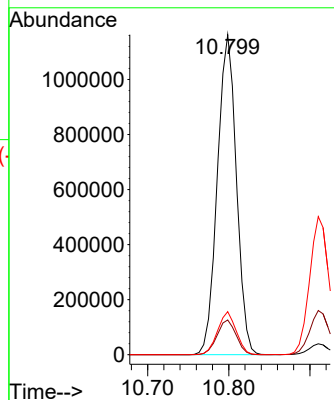
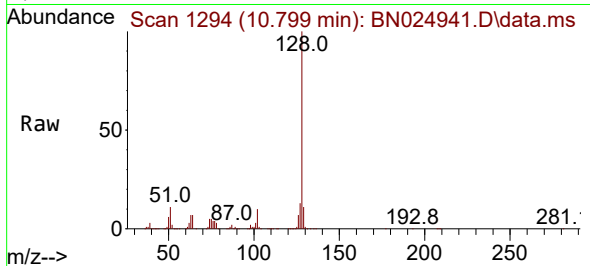




#30
Naphthalene
Concen: 21.473 ng/ul
RT: 10.799 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

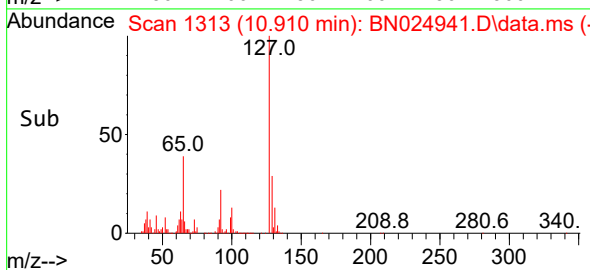
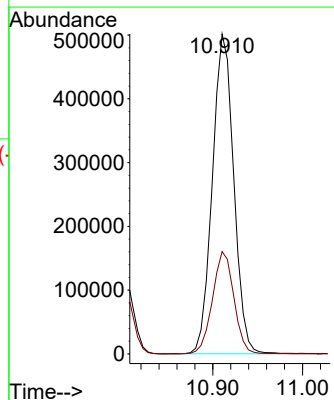
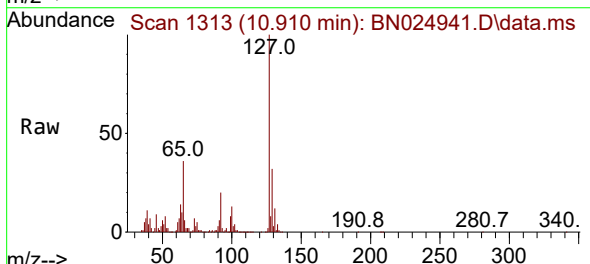
Instrument :
BNA_N
ClientSampleId :
SSTD020273

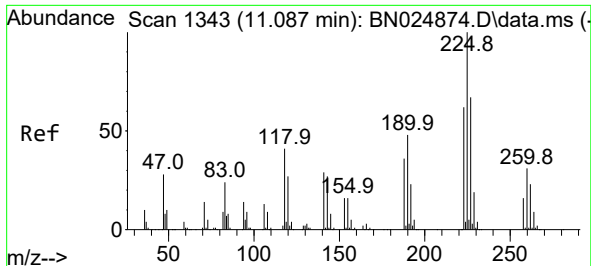
Tgt Ion:128 Resp: 1896951
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.4 10.7 16.1



#32
4-Chloroaniline
Concen: 21.746 ng/ul
RT: 10.910 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:127 Resp: 828400
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3

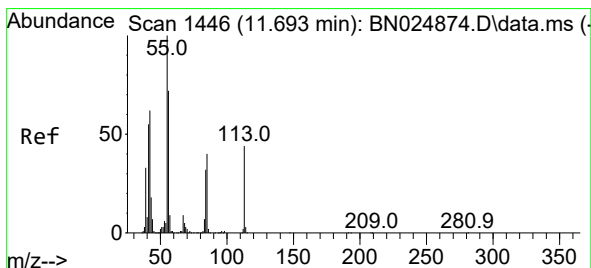
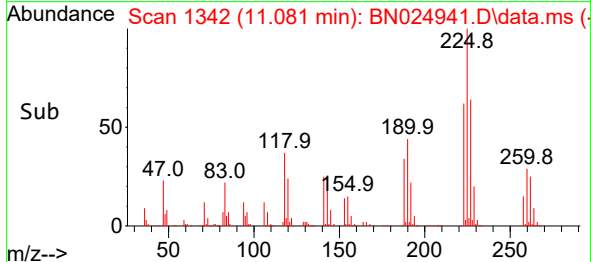
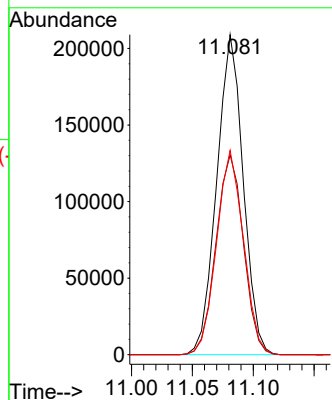
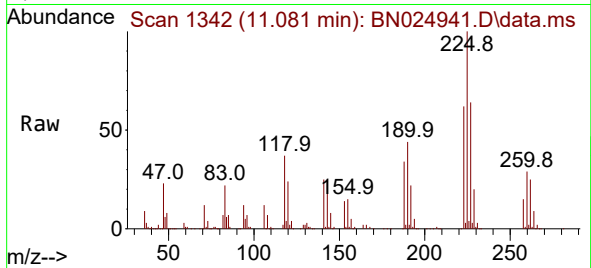




#33
Hexachlorobutadiene
Concen: 21.816 ng/ul
RT: 11.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

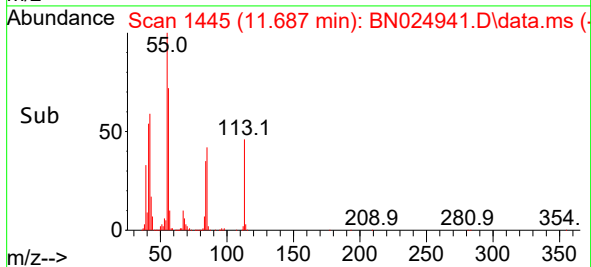
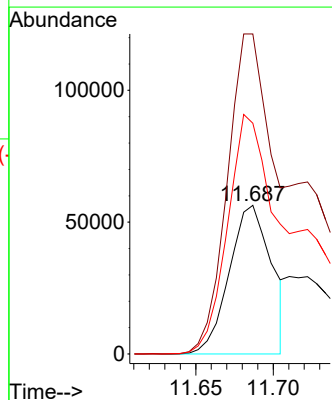
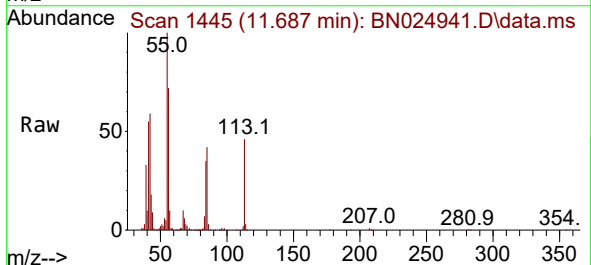
Instrument :
BNA_N
ClientSampleId :
SSTD020273

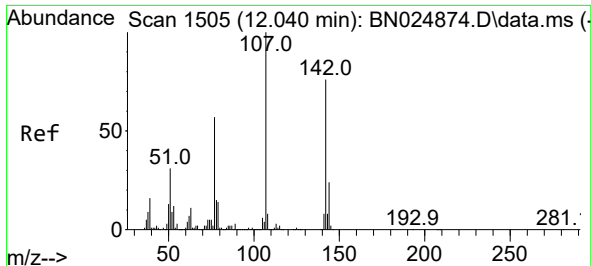
Tgt Ion:225 Resp: 316453
Ion Ratio Lower Upper
225 100
223 62.4 45.9 68.9
227 63.9 51.2 76.8



#34
Caprolactam
Concen: 12.237 ng/ul
RT: 11.687 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:113 Resp: 106740
Ion Ratio Lower Upper
113 100
55 215.4 188.3 282.5
56 155.3 133.5 200.3

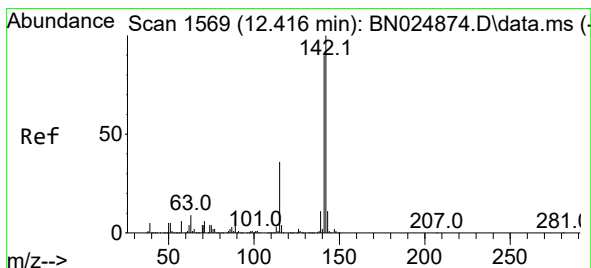
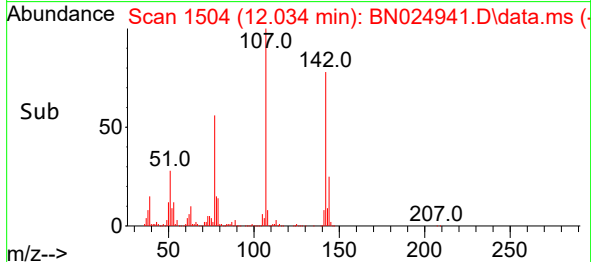
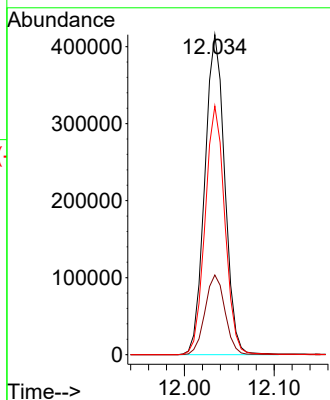
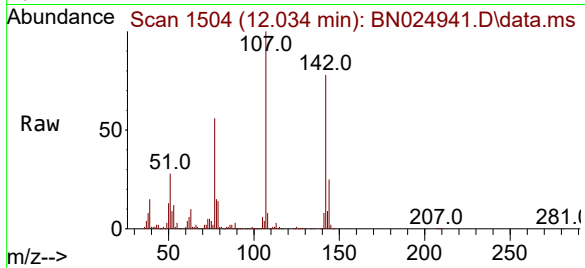




#35
4-Chloro-3-methylphenol
Concen: 22.005 ng/ul
RT: 12.034 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

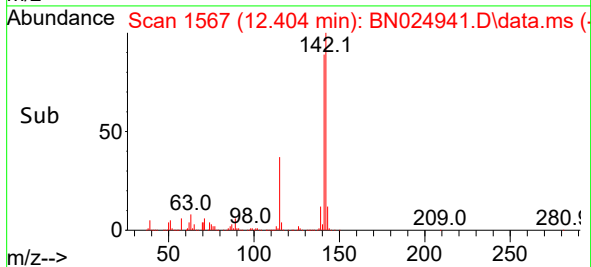
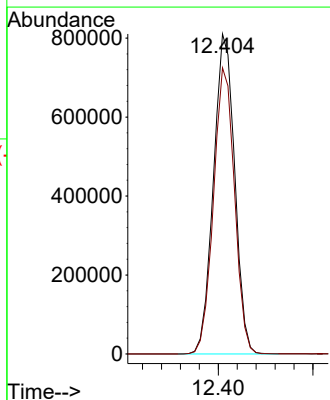
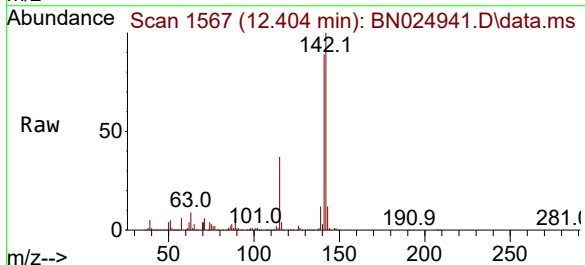
Instrument :
BNA_N
ClientSampleId :
SSTD020273

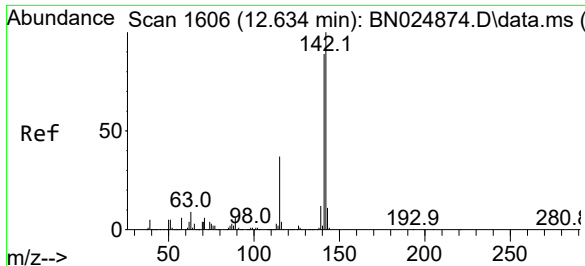
Tgt Ion:107 Resp: 642078
Ion Ratio Lower Upper
107 100
144 24.9 19.6 29.4
142 77.7 60.7 91.1



#36
2-Methylnaphthalene
Concen: 21.614 ng/ul
RT: 12.404 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:142 Resp: 1261944
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2

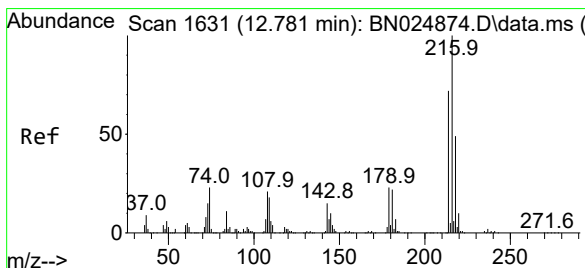
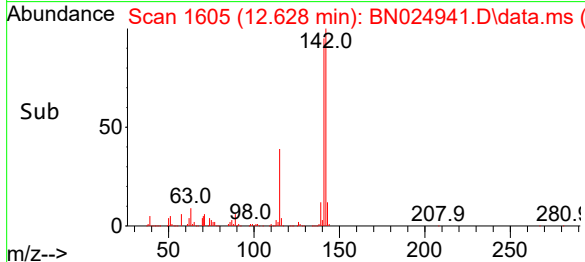
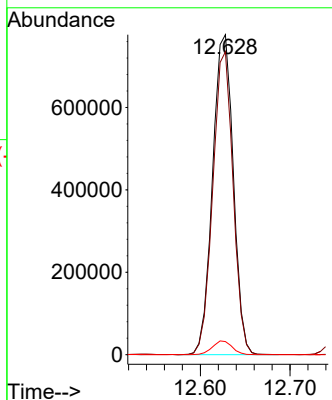
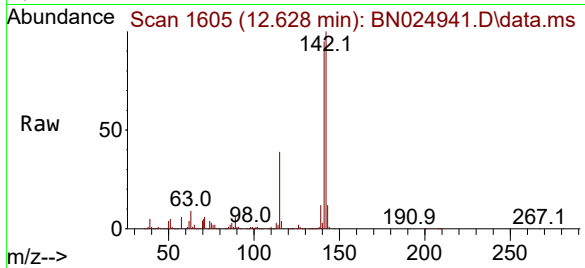




#37
1-Methylnaphthalene
Concen: 21.384 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

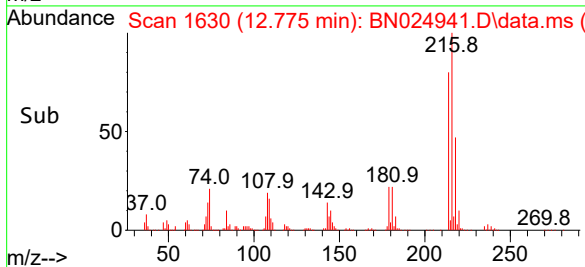
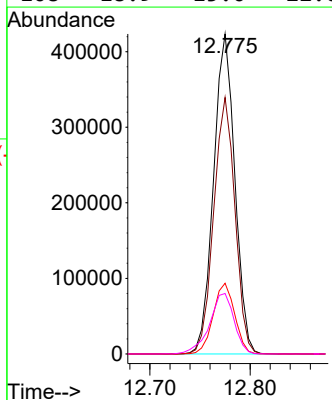
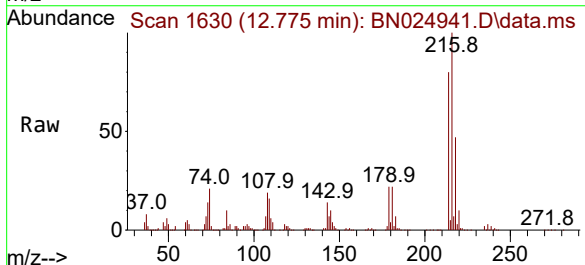
Instrument :
BNA_N
ClientSampleId :
SSTD020273

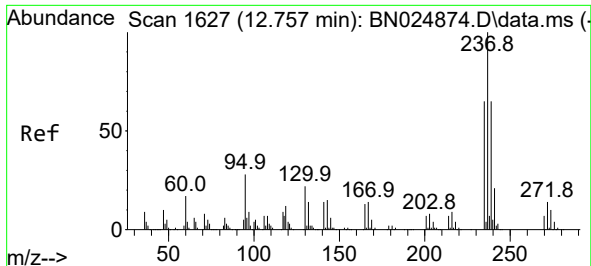
Tgt Ion:142 Resp: 1246312
Ion Ratio Lower Upper
142 100
141 94.7 73.5 110.3
116 4.1 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.024 ng/ul
RT: 12.775 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:216 Resp: 625229
Ion Ratio Lower Upper
216 100
214 80.2 62.2 93.4
179 22.1 16.8 25.2
108 18.9 15.0 22.6

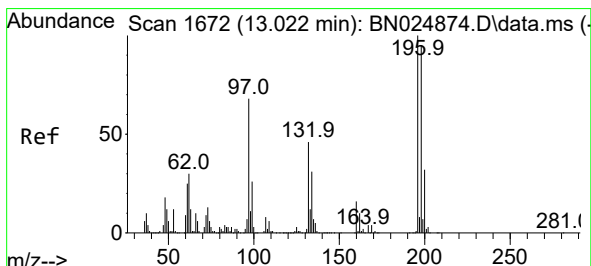
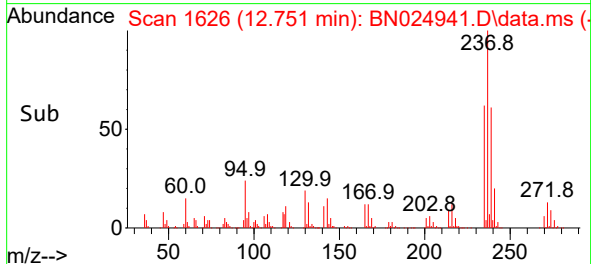
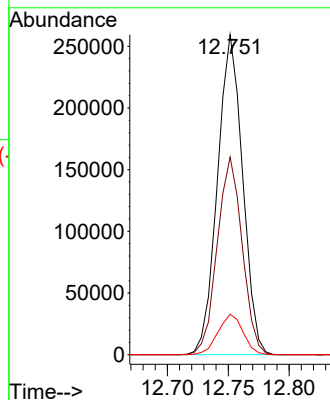
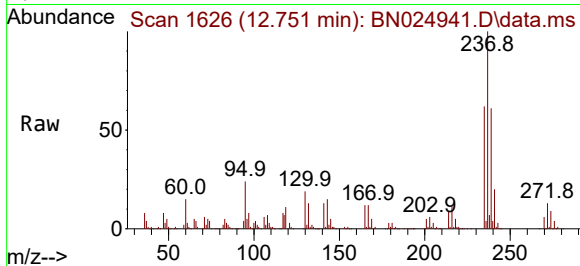




#40
Hexachlorocyclopentadiene
Concen: 21.536 ng/ul
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

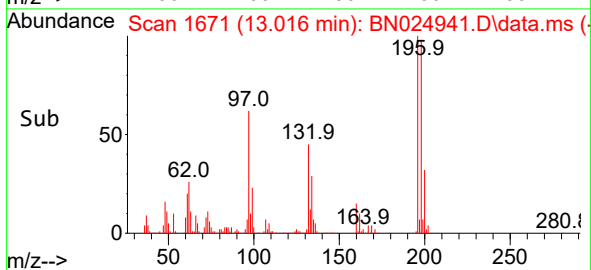
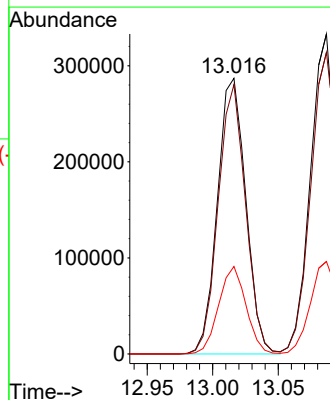
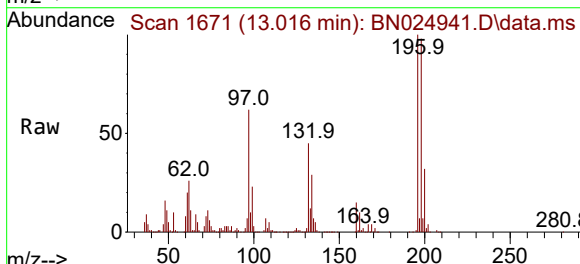
Instrument :
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ClientSampleId :
SSTD020273

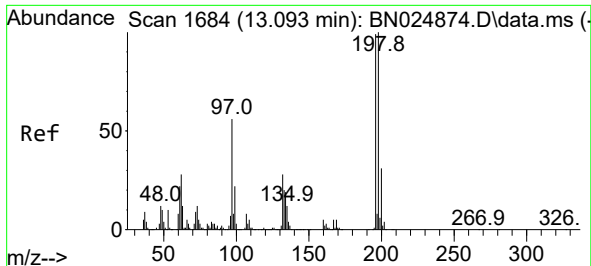
Tgt Ion:237 Resp: 372810
Ion Ratio Lower Upper
237 100
235 61.7 49.9 74.9
272 12.6 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 22.285 ng/ul
RT: 13.016 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:196 Resp: 432246
Ion Ratio Lower Upper
196 100
198 97.7 74.5 111.7
200 31.7 24.3 36.5

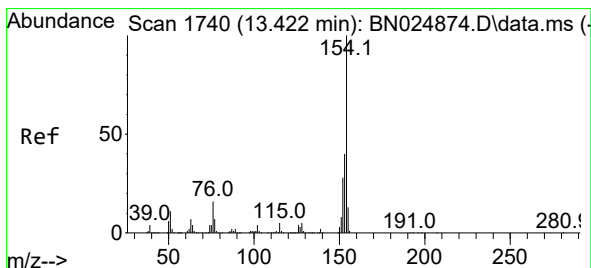
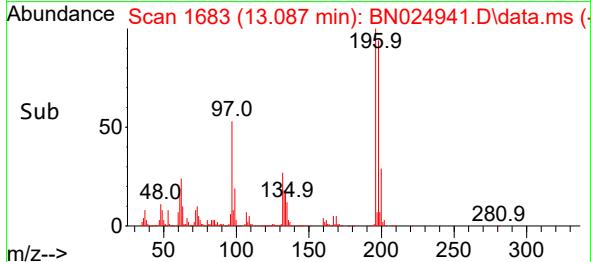
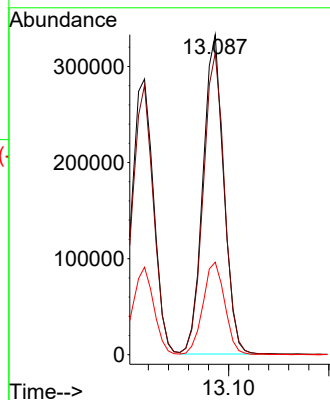
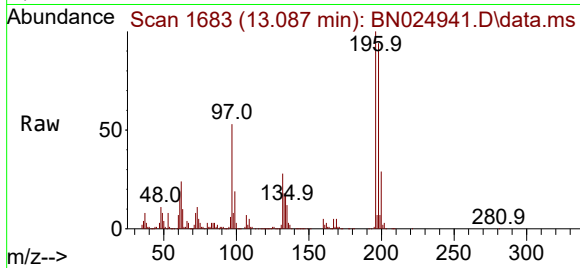




#42
2,4,5-Trichlorophenol
Concen: 22.565 ng/ul
RT: 13.087 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

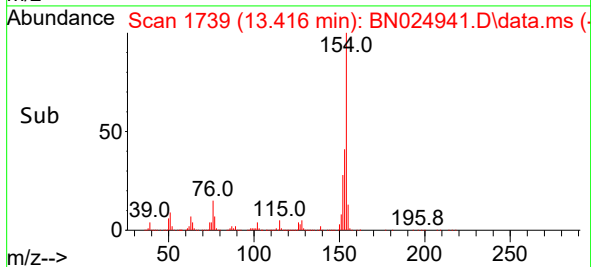
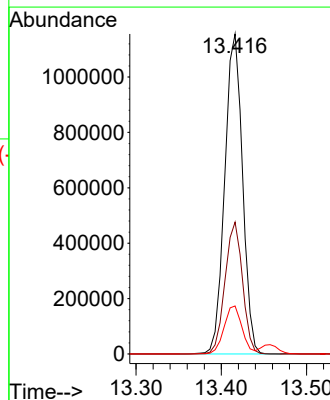
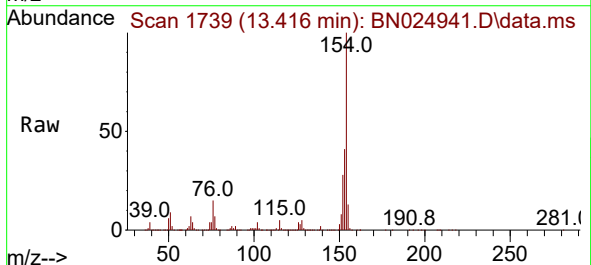
Instrument :
BNA_N
ClientSampleId :
SSTD020273

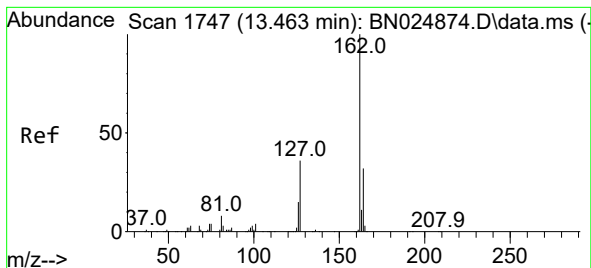
Tgt Ion:196 Resp: 478966
Ion Ratio Lower Upper
196 100
198 94.3 78.2 117.2
200 28.9 24.0 36.0



#43
1,1'-Biphenyl
Concen: 21.583 ng/ul
RT: 13.416 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:154 Resp: 1673601
Ion Ratio Lower Upper
154 100
153 41.2 32.2 48.2
76 15.0 12.4 18.6





#44

2-Chloronaphthalene

Concen: 21.960 ng/ul

RT: 13.457 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

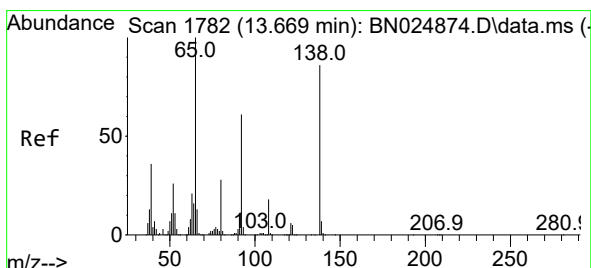
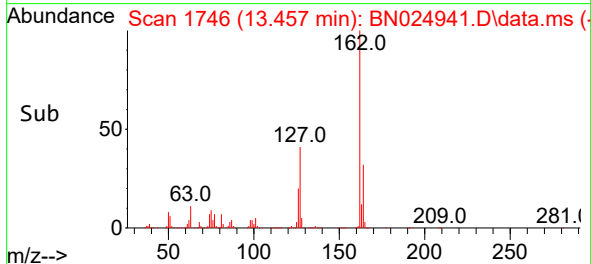
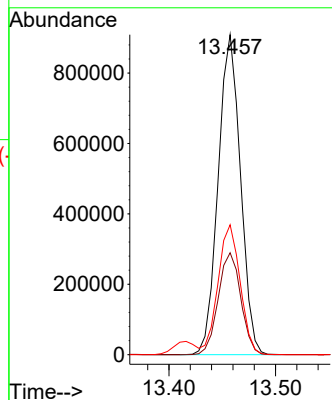
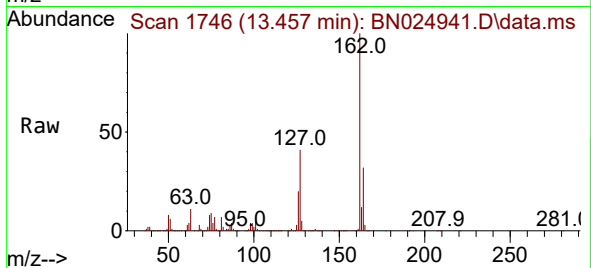
Tgt Ion:162 Resp: 1322202

Ion Ratio Lower Upper

162 100

164 31.8 25.9 38.9

127 40.6 32.9 49.3



#45

2-Nitroaniline

Concen: 22.140 ng/ul

RT: 13.663 min Scan# 1781

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

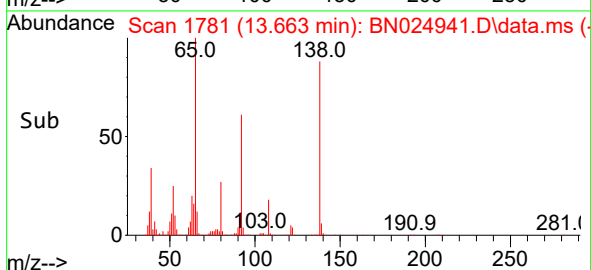
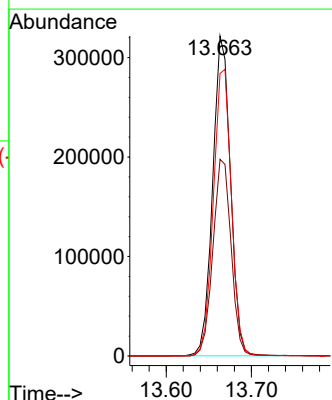
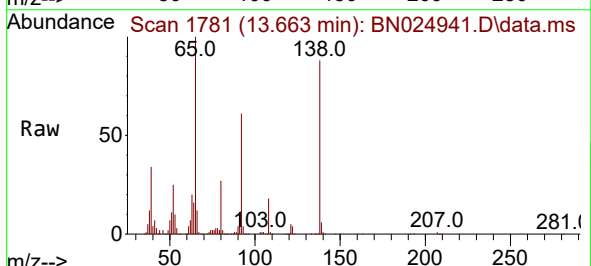
Tgt Ion: 65 Resp: 465499

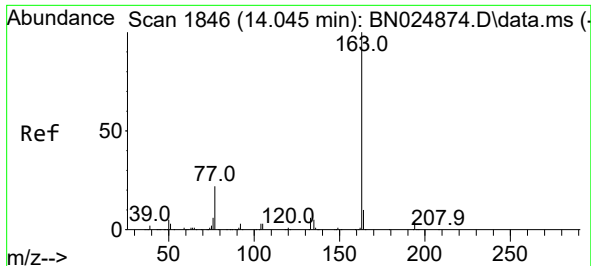
Ion Ratio Lower Upper

65 100

92 61.5 50.7 76.1

138 88.2 71.4 107.2

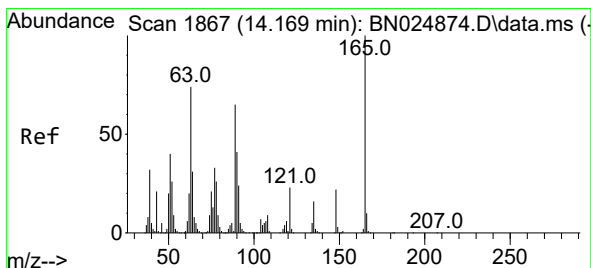
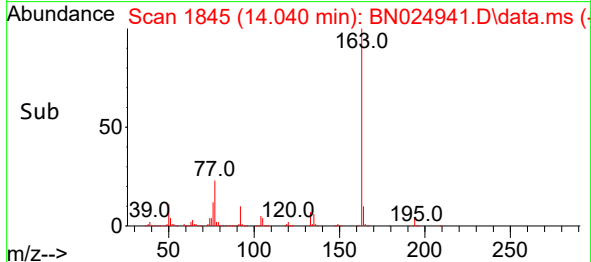
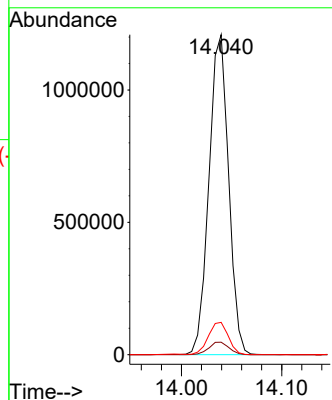
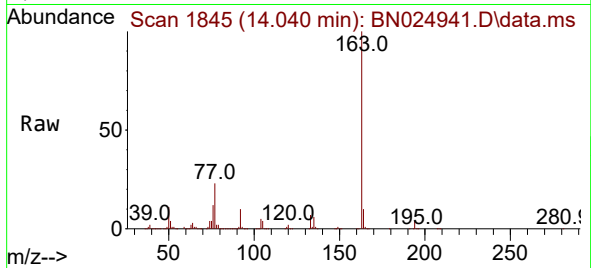




#47
Dimethylphthalate
Concen: 21.719 ng/ul
RT: 14.040 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

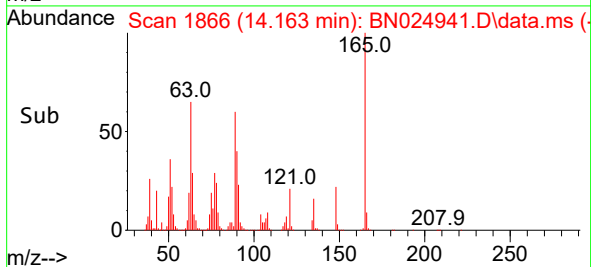
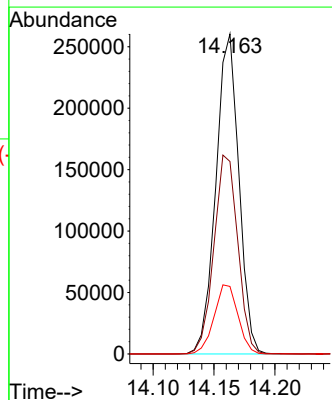
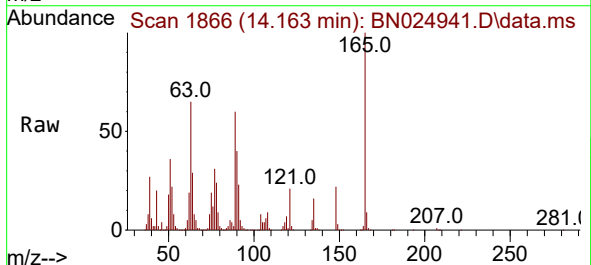
Instrument :
BNA_N
ClientSampleId :
SSTD020273

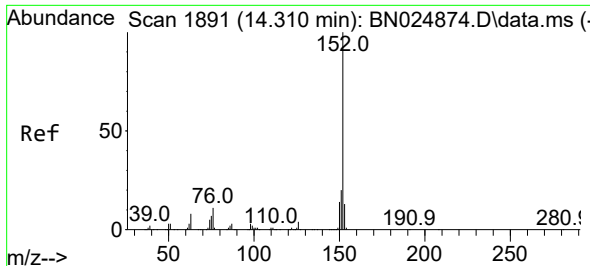
Tgt Ion:163 Resp: 1648711
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 23.121 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:165 Resp: 342583
Ion Ratio Lower Upper
165 100
89 60.2 49.8 74.8
121 21.1 17.2 25.8

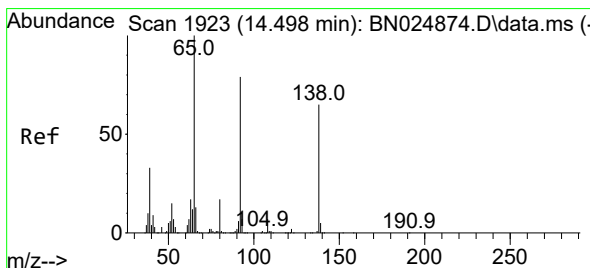
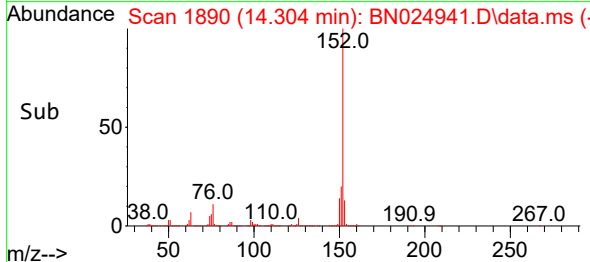
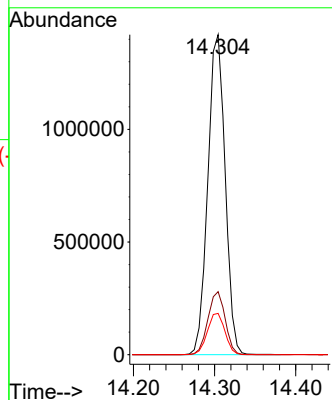
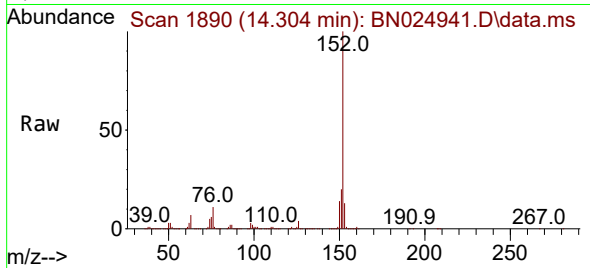




#50
Acenaphthylene
Concen: 22.163 ng/ul
RT: 14.304 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

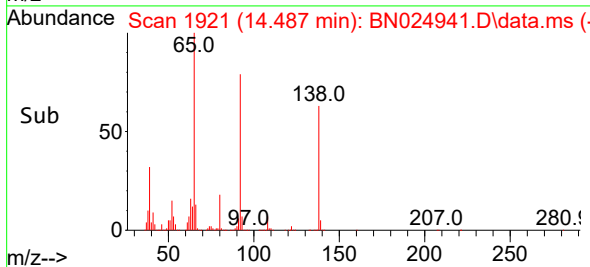
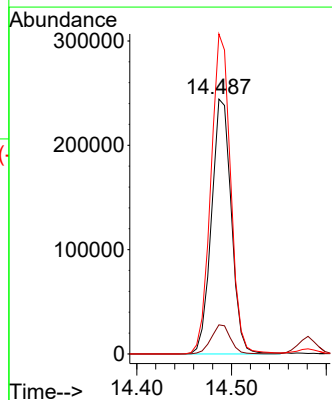
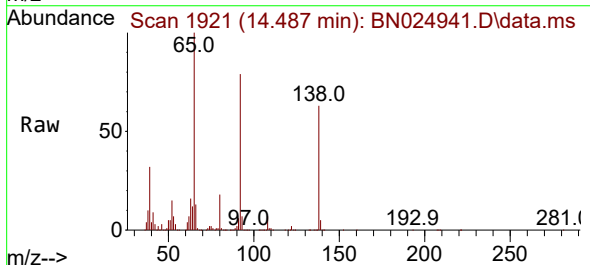
Instrument :
BNA_N
ClientSampleId :
SSTD020273

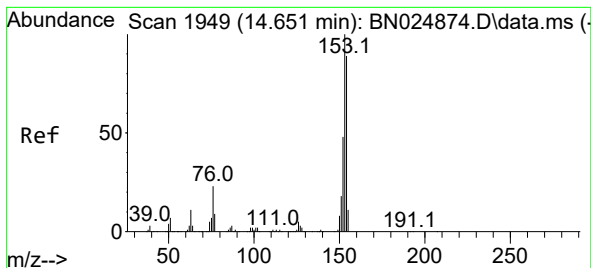
Tgt Ion:152 Resp: 2104653
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 12.9 10.6 16.0



#51
3-Nitroaniline
Concen: 22.781 ng/ul
RT: 14.487 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:138 Resp: 354726
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 125.5 99.5 149.3





#52

Acenaphthene

Concen: 21.828 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

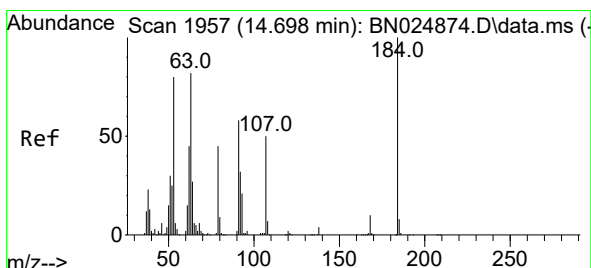
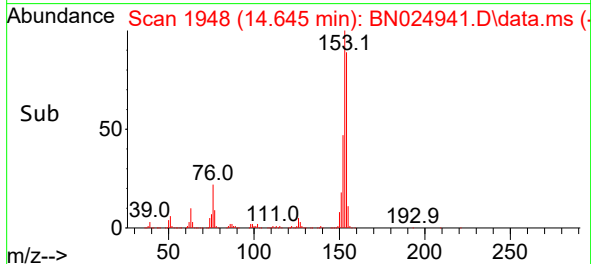
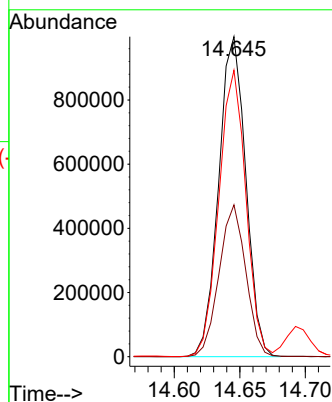
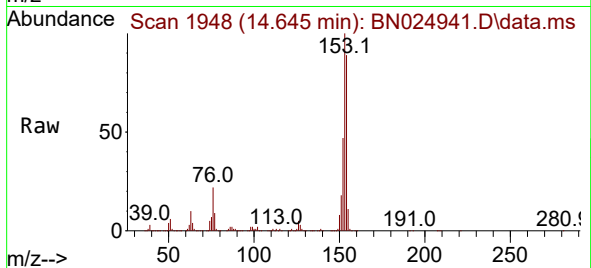
Tgt Ion:153 Resp: 1433009

Ion Ratio Lower Upper

153 100

152 47.4 38.8 58.2

154 89.5 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 21.043 ng/ul

RT: 14.693 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

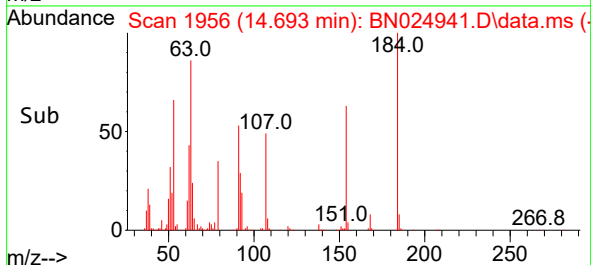
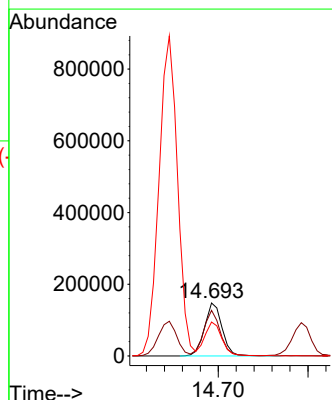
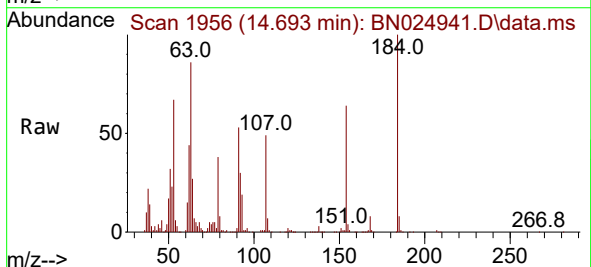
Tgt Ion:184 Resp: 200476

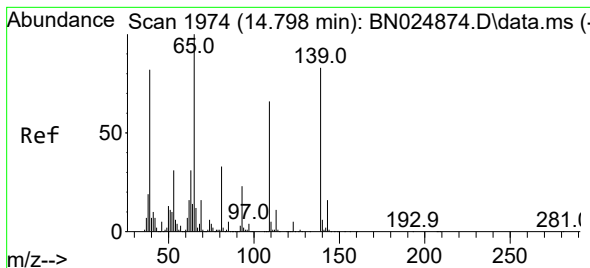
Ion Ratio Lower Upper

184 100

63 86.0 62.6 93.8

154 63.9 50.9 76.3

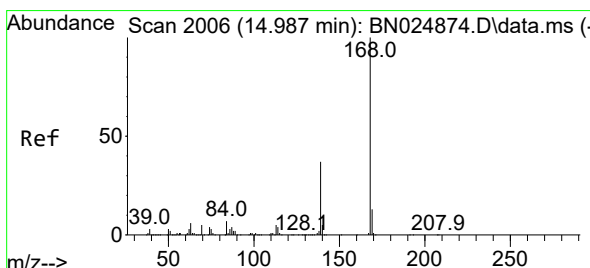
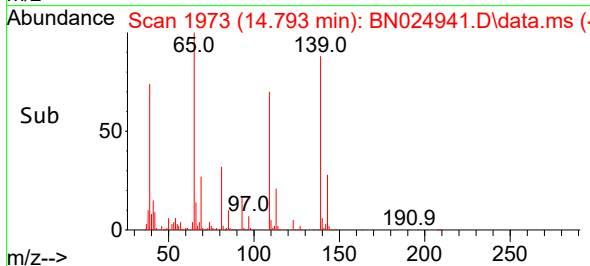
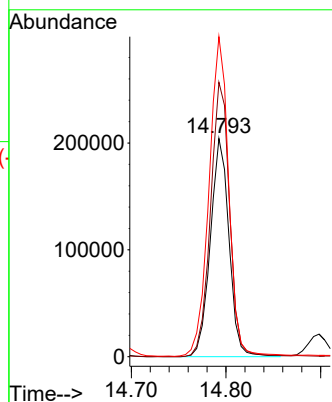
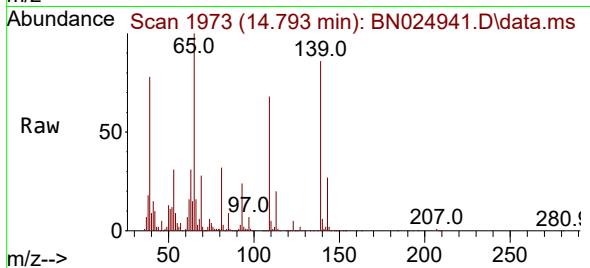




#55
4-Nitrophenol
Concen: 22.241 ng/ul
RT: 14.793 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

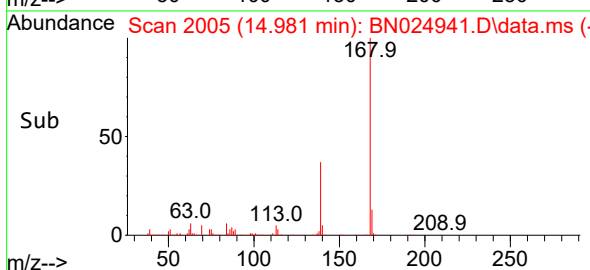
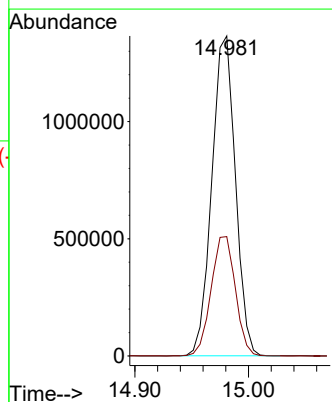
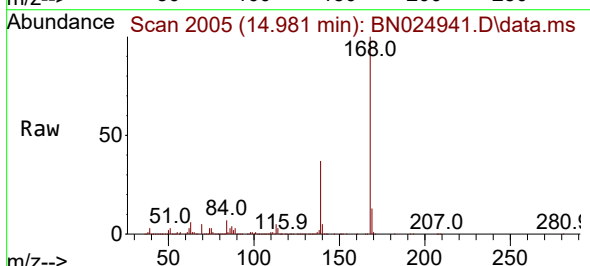
Instrument :
BNA_N
ClientSampleId :
SSTD020273

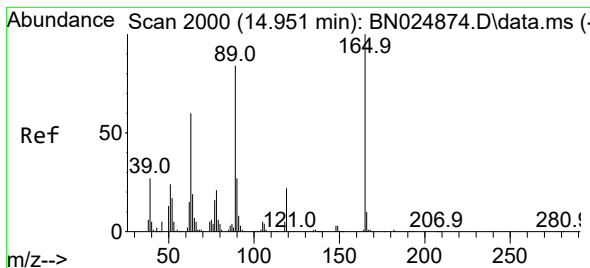
Tgt Ion:109 Resp: 279959
Ion Ratio Lower Upper
109 100
139 125.7 104.3 156.5
65 146.6 124.3 186.5



#56
Dibenzofuran
Concen: 21.751 ng/ul
RT: 14.981 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:168 Resp: 1968273
Ion Ratio Lower Upper
168 100
139 37.3 32.1 48.1

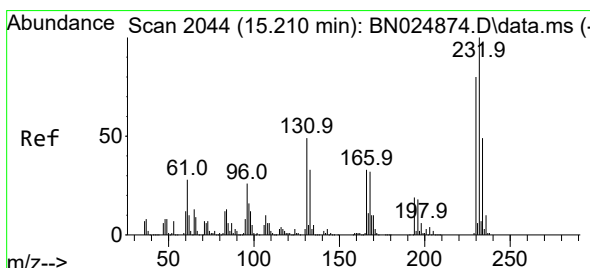
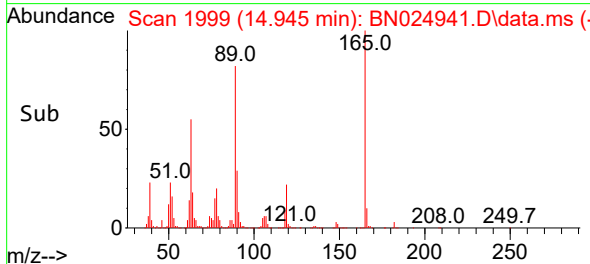
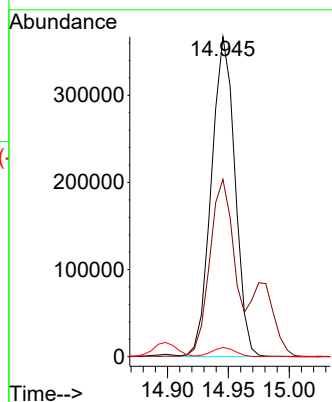
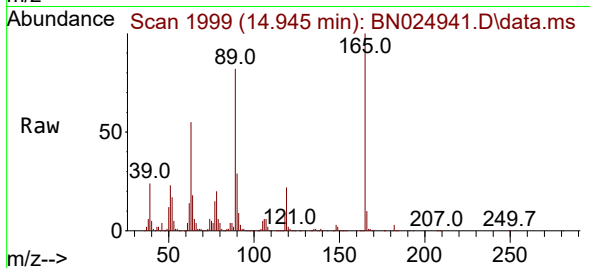




#57
2,4-Dinitrotoluene
Concen: 23.022 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

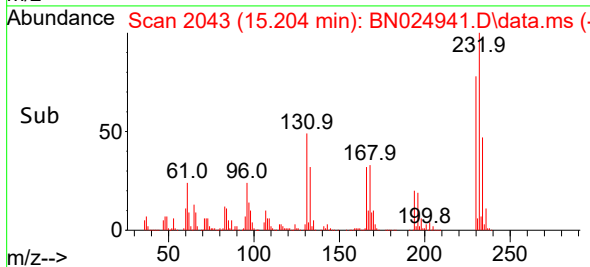
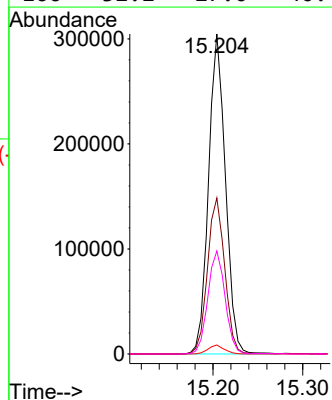
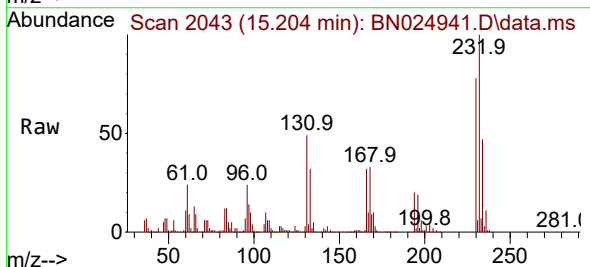
Instrument :
BNA_N
ClientSampleId :
SSTD020273

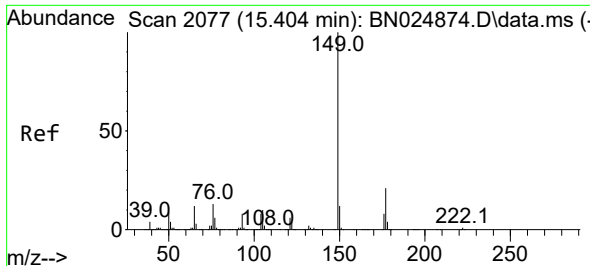
Tgt Ion:165 Resp: 493792
Ion Ratio Lower Upper
165 100
63 55.4 45.4 68.0
182 2.9 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.808 ng/ul
RT: 15.204 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:232 Resp: 398658
Ion Ratio Lower Upper
232 100
131 48.8 40.6 61.0
130 2.8 2.2 3.2
166 32.2 27.0 40.4

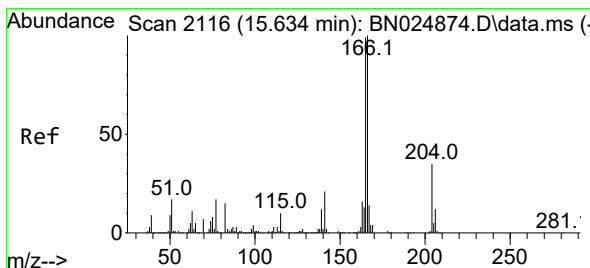
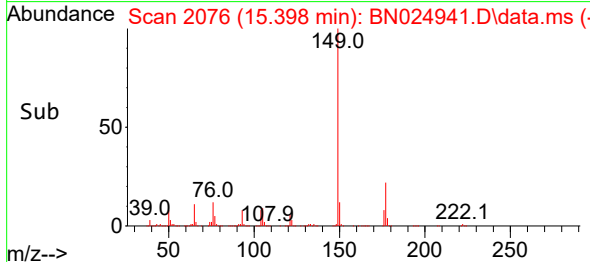
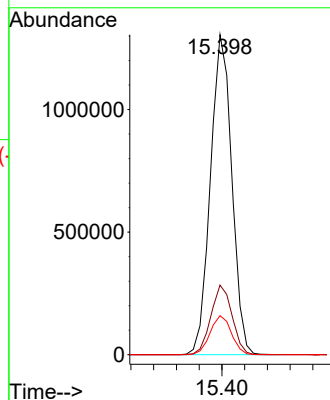
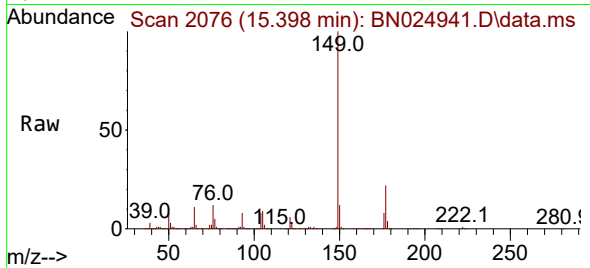




#59
Diethylphthalate
Concen: 22.354 ng/ul
RT: 15.398 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

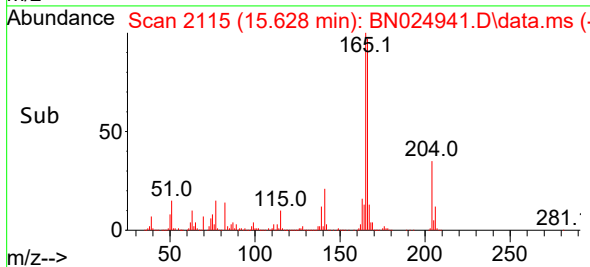
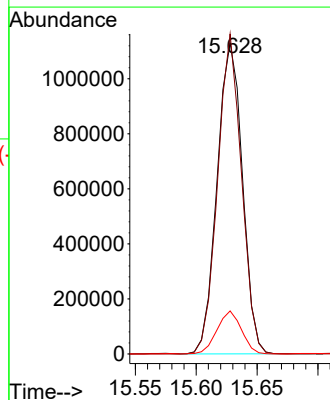
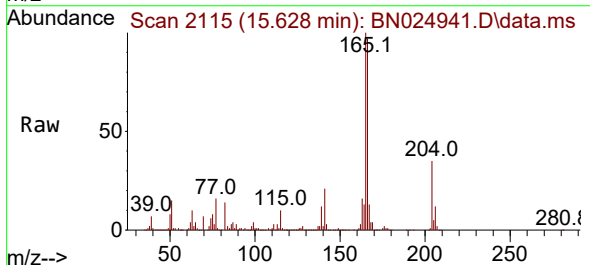
Instrument :
BNA_N
ClientSampleId :
SSTD020273

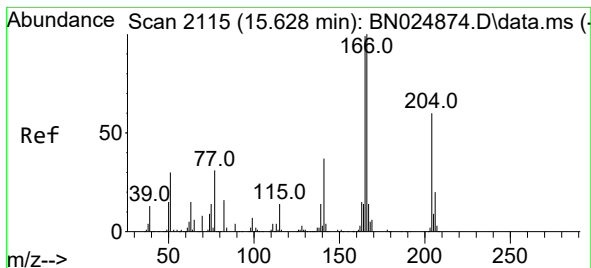
Tgt Ion:149 Resp: 1705123
Ion Ratio Lower Upper
149 100
177 21.7 16.6 24.8
150 12.2 10.1 15.1



#61
Fluorene
Concen: 22.447 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:166 Resp: 1633764
Ion Ratio Lower Upper
166 100
165 102.8 79.1 118.7
167 13.9 10.8 16.2

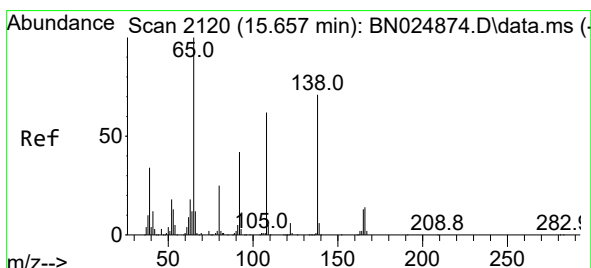
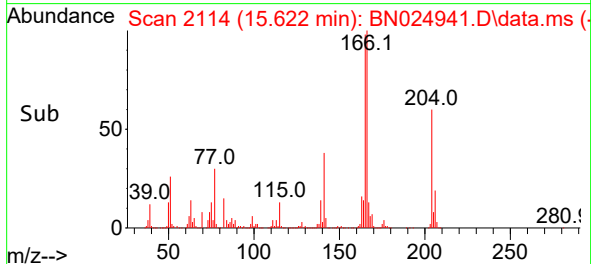
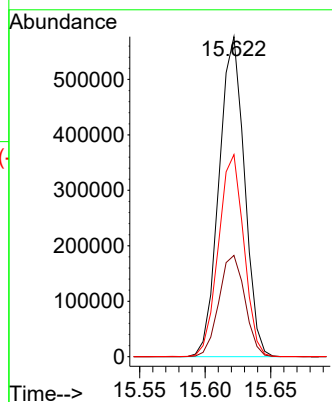
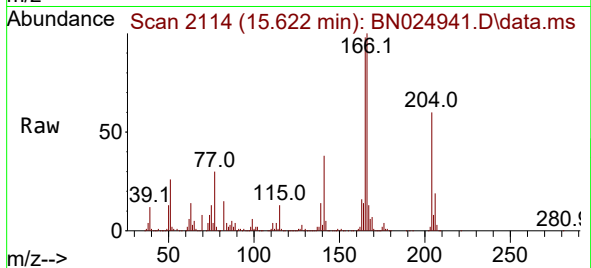




#62
4-Chlorophenyl-phenylether
Concen: 22.958 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

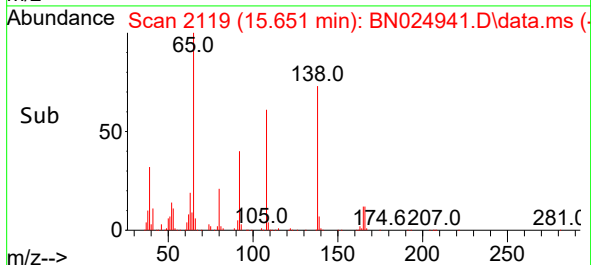
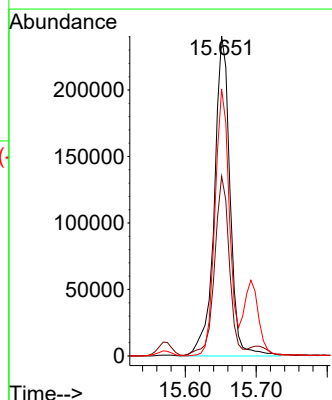
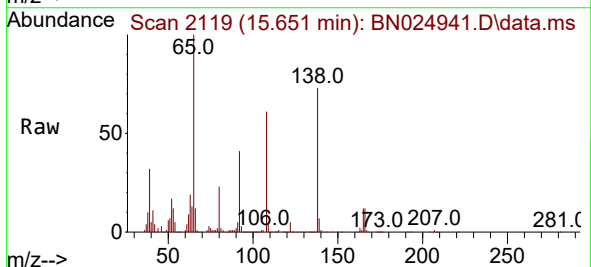
Instrument :
BNA_N
ClientSampleId :
SSTD020273

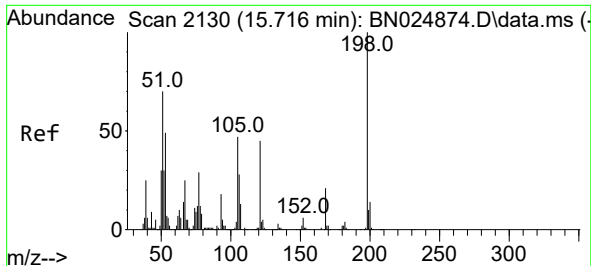
Tgt Ion:204 Resp: 777775
Ion Ratio Lower Upper
204 100
206 31.6 26.0 39.0
141 63.1 51.8 77.8



#63
4-Nitroaniline
Concen: 24.201 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:138 Resp: 371358
Ion Ratio Lower Upper
138 100
92 56.2 43.3 64.9
108 83.5 64.2 96.4

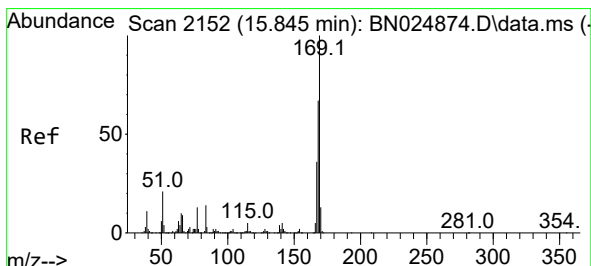
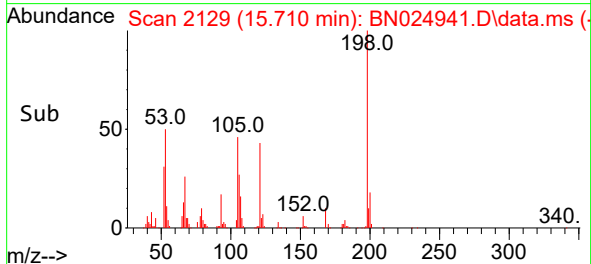
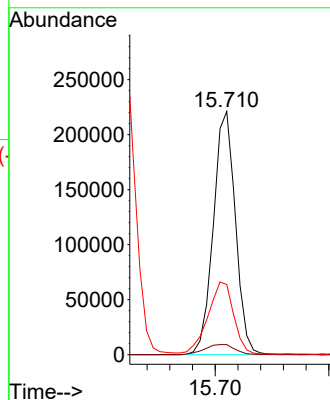
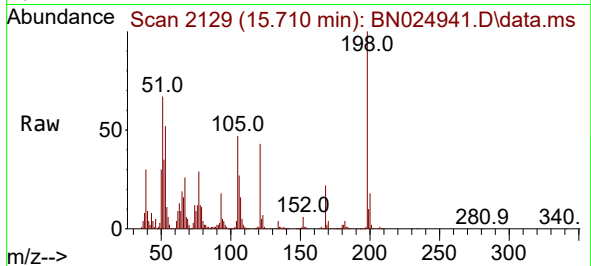




#66
4,6-Dinitro-2-methylphenol
Concen: 21.696 ng/ul
RT: 15.710 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

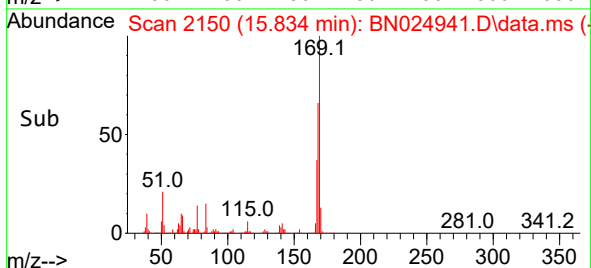
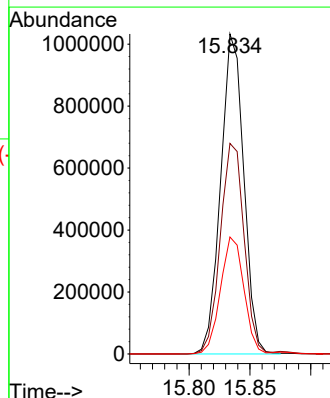
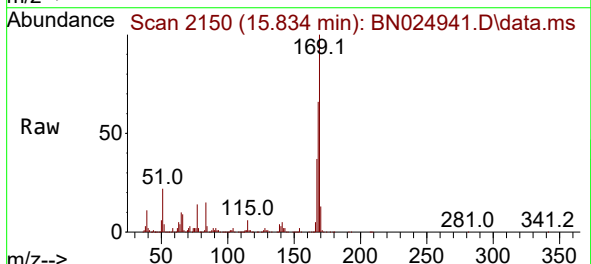
Instrument :
BNA_N
ClientSampleId :
SSTD020273

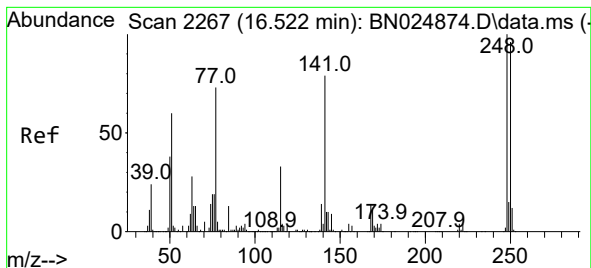
Tgt Ion:198 Resp: 298517
Ion Ratio Lower Upper
198 100
182 4.2 3.4 5.0
77 28.9 23.7 35.5



#67
N-Nitrosodiphenylamine
Concen: 20.832 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:169 Resp: 1364025
Ion Ratio Lower Upper
169 100
168 65.8 54.3 81.5
167 36.6 27.6 41.4

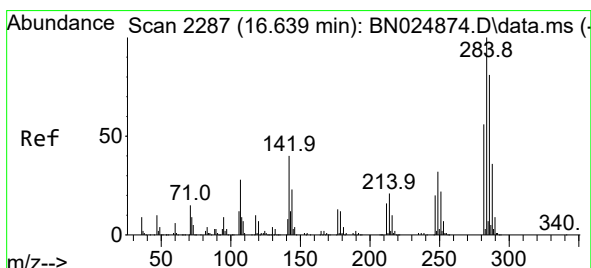
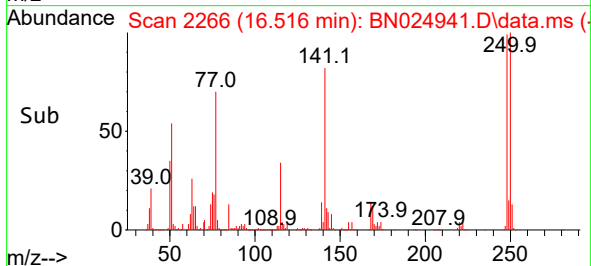
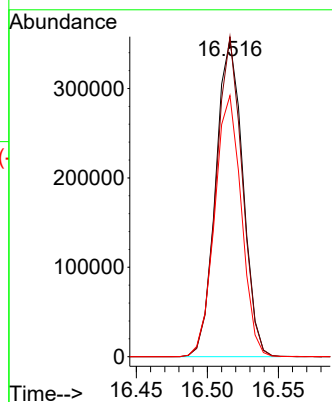
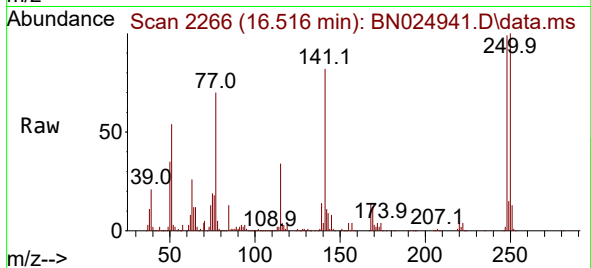




#68
4-Bromophenyl-phenylether
Concen: 21.704 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

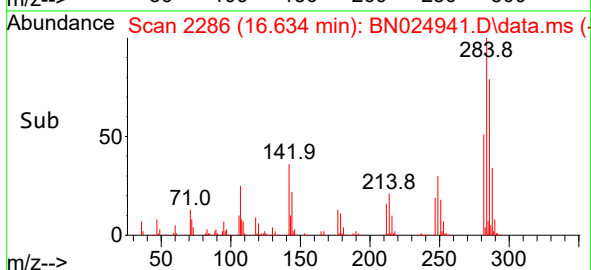
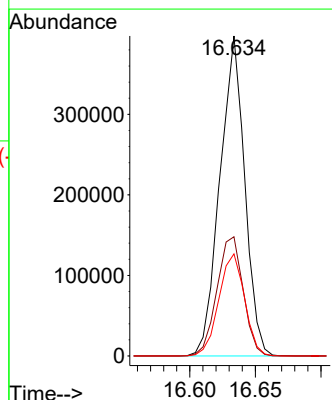
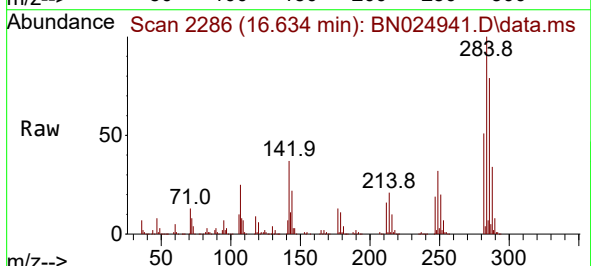
Instrument :
BNA_N
ClientSampleId :
SSTD020273

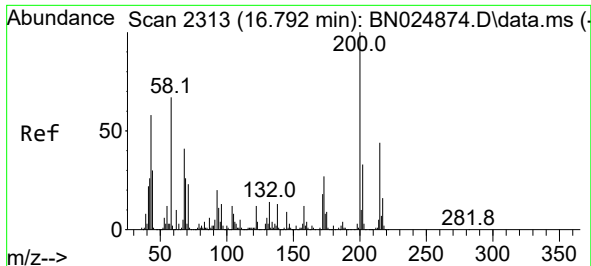
Tgt Ion:248 Resp: 470844
Ion Ratio Lower Upper
248 100
250 100.9 77.1 115.7
141 82.3 62.3 93.5



#69
Hexachlorobenzene
Concen: 21.299 ng/ul
RT: 16.634 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:284 Resp: 523156
Ion Ratio Lower Upper
284 100
142 37.3 31.0 46.6
249 31.9 25.1 37.7

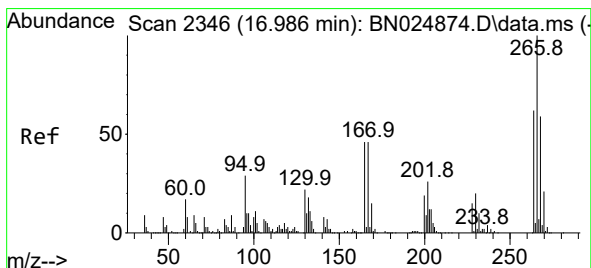
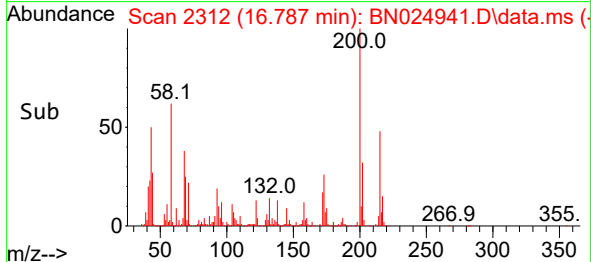
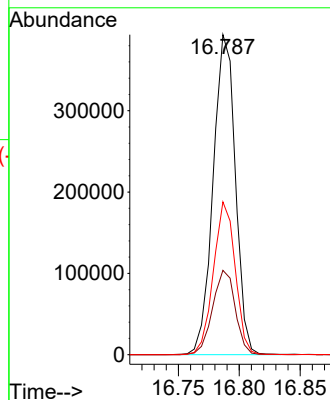
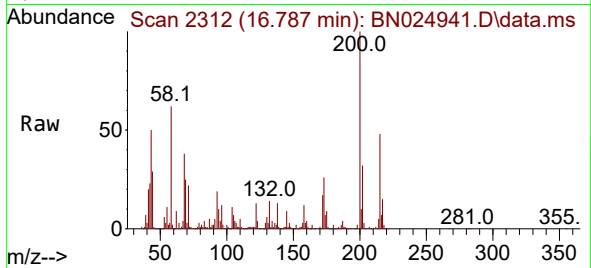




#70
Atrazine
Concen: 22.451 ng/ul
RT: 16.787 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

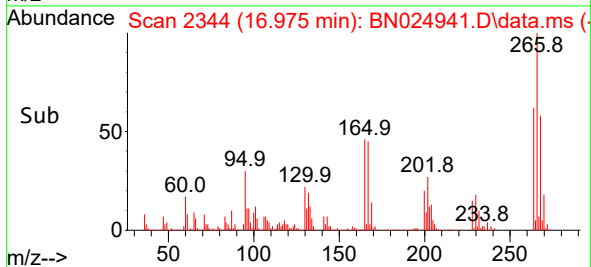
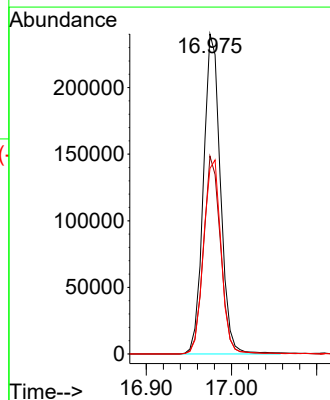
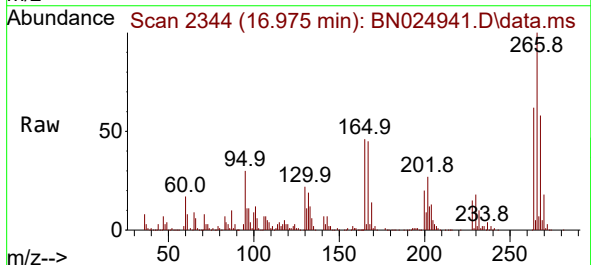
Instrument :
BNA_N
ClientSampleId :
SSTD020273

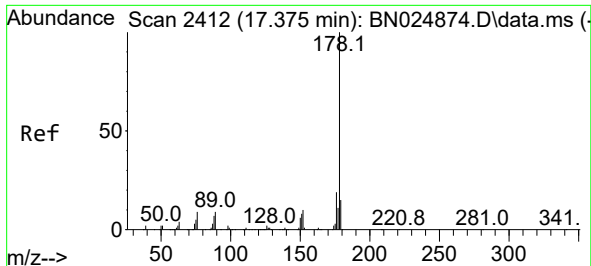
Tgt Ion:200 Resp: 500217
Ion Ratio Lower Upper
200 100
173 26.3 21.4 32.2
215 47.7 38.2 57.2



#71
Pentachlorophenol
Concen: 21.784 ng/ul
RT: 16.975 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:266 Resp: 332573
Ion Ratio Lower Upper
266 100
264 61.8 52.7 79.1
268 57.9 51.4 77.0

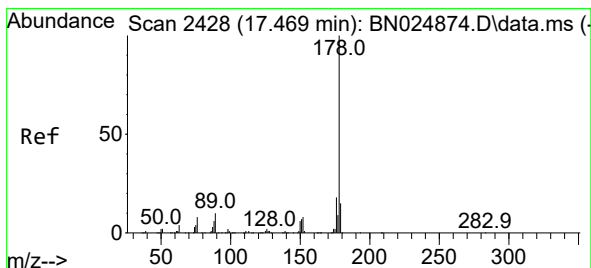
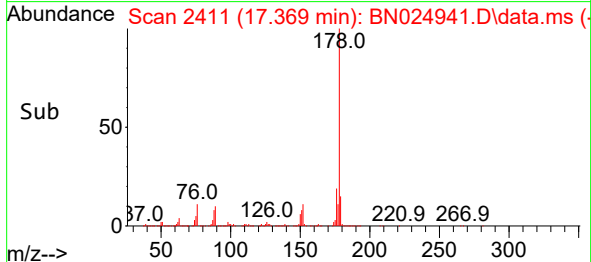
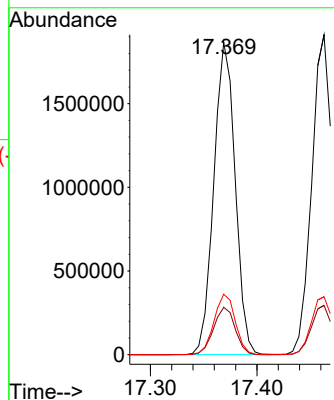
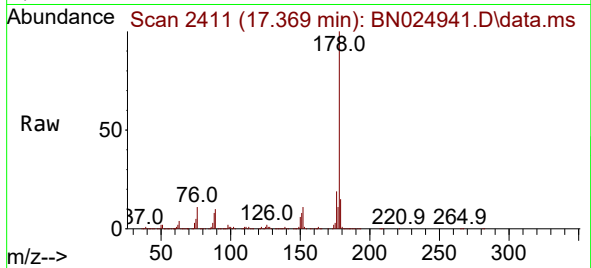




#72
Phenanthrene
Concen: 21.280 ng/ul
RT: 17.369 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

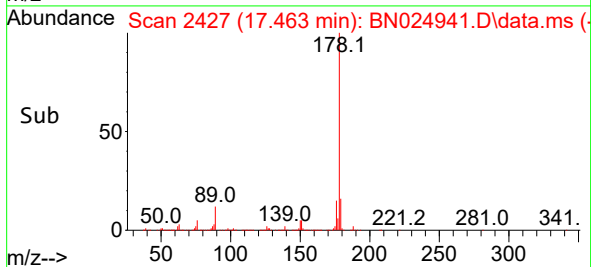
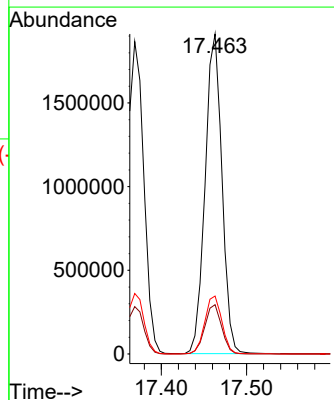
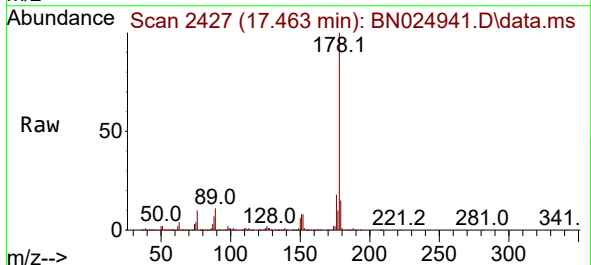
Instrument :
BNA_N
ClientSampleId :
SSTD020273

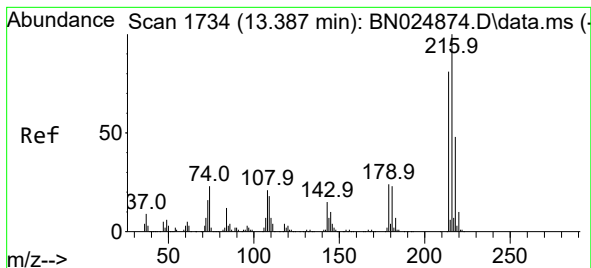
Tgt Ion:178 Resp: 2591762
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.4 15.2 22.8



#74
Anthracene
Concen: 21.352 ng/ul
RT: 17.463 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:178 Resp: 2620484
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.1 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.923 ng/uL

RT: 13.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

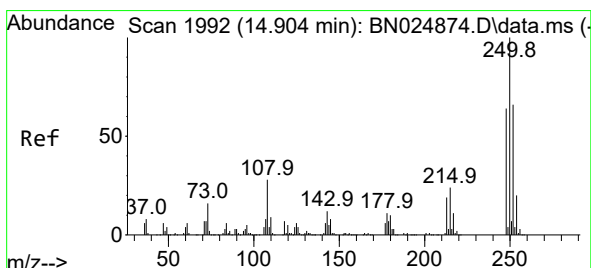
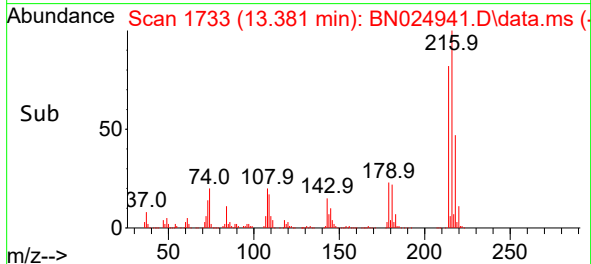
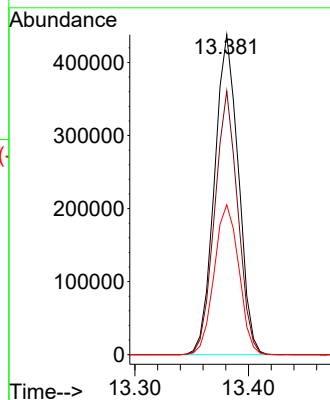
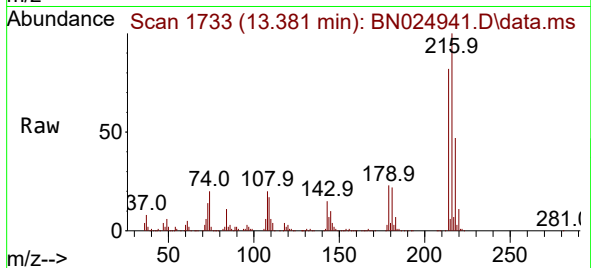
Tgt Ion:216 Resp: 642301

Ion Ratio Lower Upper

216 100

214 82.4 62.5 93.7

218 46.9 37.7 56.5



#76

Pentachlorobenzene

Concen: 21.580 ng/uL

RT: 14.898 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

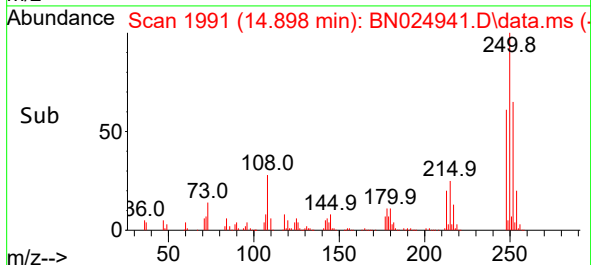
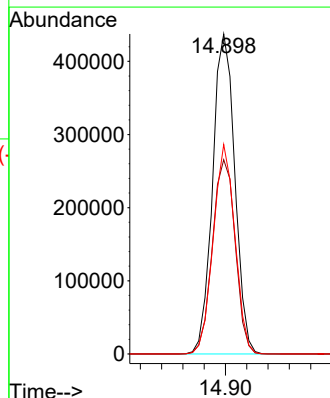
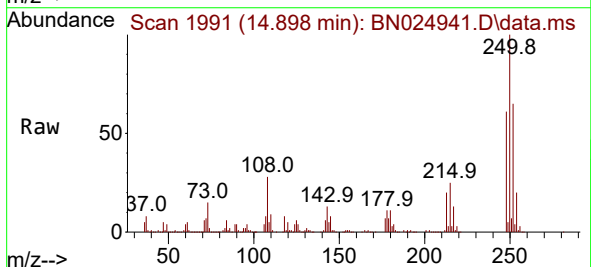
Tgt Ion:250 Resp: 633801

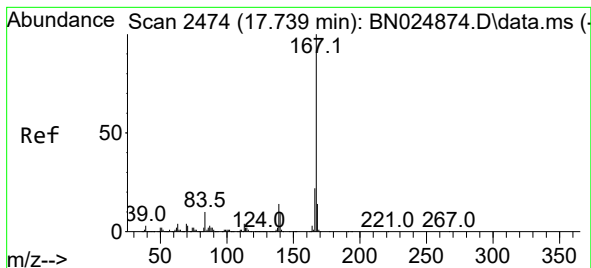
Ion Ratio Lower Upper

250 100

248 60.7 50.8 76.2

252 65.4 51.8 77.6





#77

Carbazole

Concen: 22.303 ng/ul

RT: 17.734 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

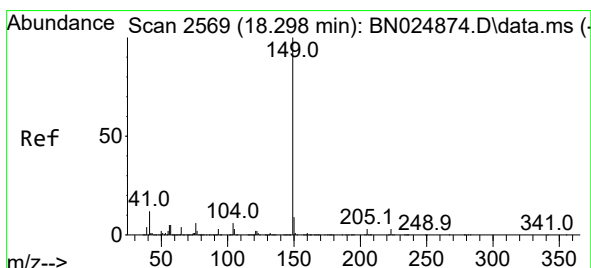
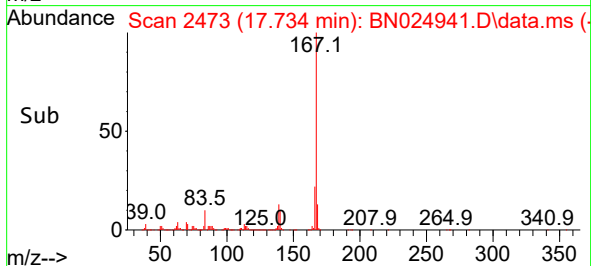
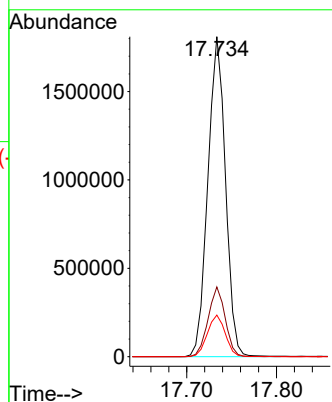
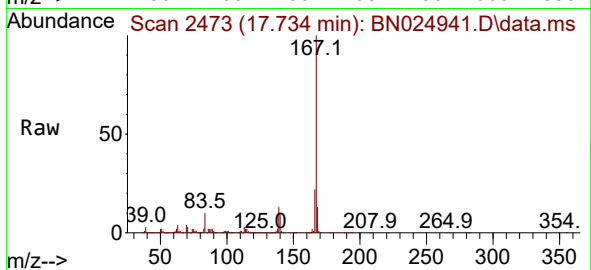
Tgt Ion:167 Resp: 2471469

Ion Ratio Lower Upper

167 100

166 21.8 16.6 24.8

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 22.077 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

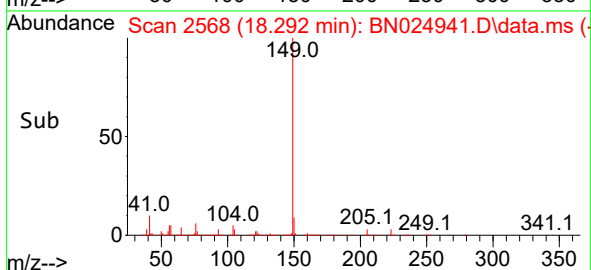
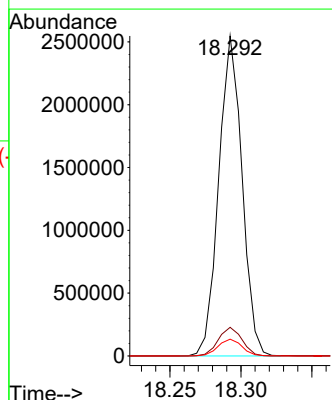
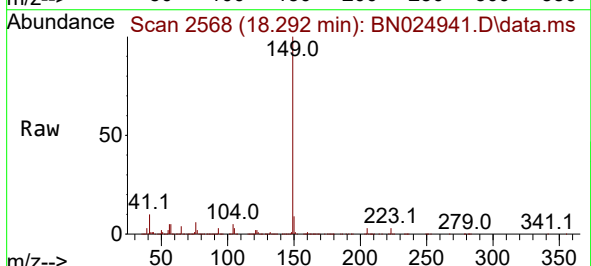
Tgt Ion:149 Resp: 2903798

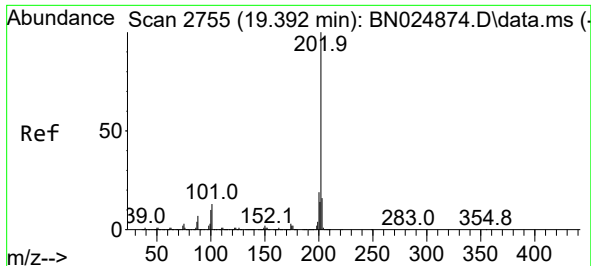
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.2 4.2 6.4

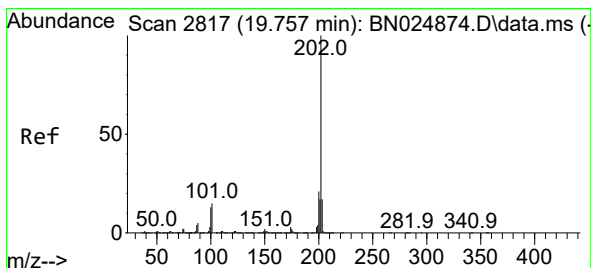
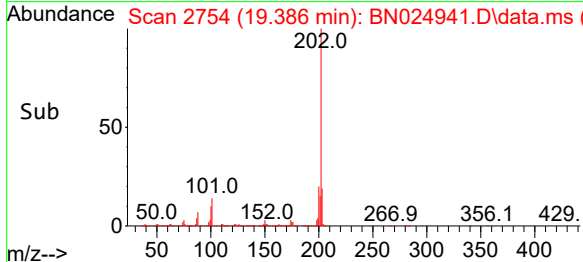
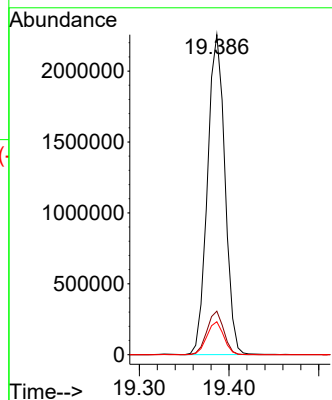
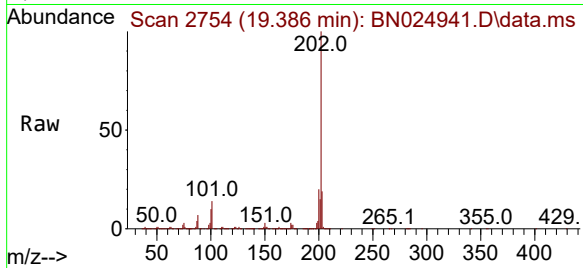




#80
Fluoranthene
Concen: 20.916 ng/ul
RT: 19.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

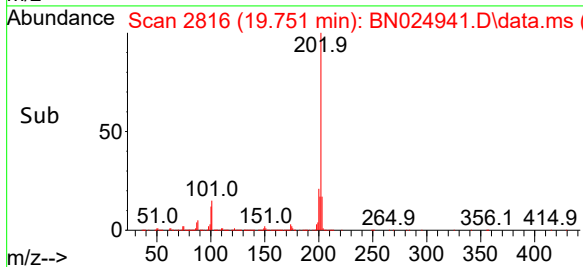
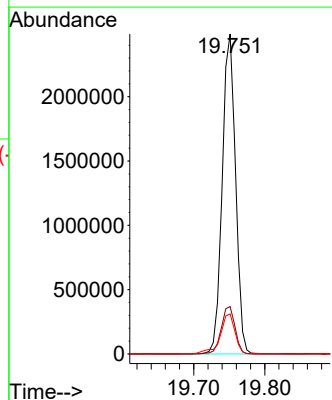
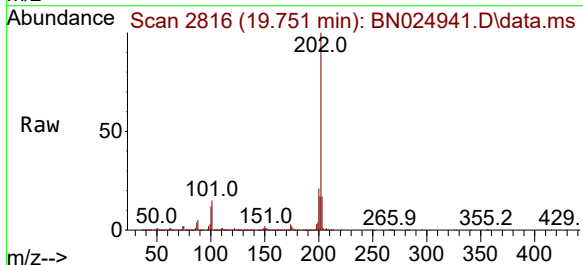
Instrument :
BNA_N
ClientSampleId :
SSTD020273

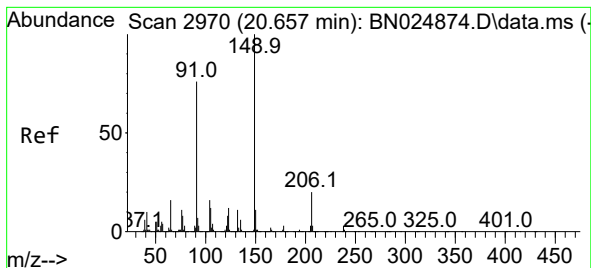
Tgt Ion:202 Resp: 3043251
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 10.3 7.9 11.9



#82
Pyrene
Concen: 21.038 ng/ul
RT: 19.751 min Scan# 2816
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:202 Resp: 3221947
Ion Ratio Lower Upper
202 100
101 14.8 13.0 19.6
100 12.5 11.0 16.6





#83

Butylbenzylphthalate

Concen: 21.878 ng/ul

RT: 20.651 min Scan# 2969

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

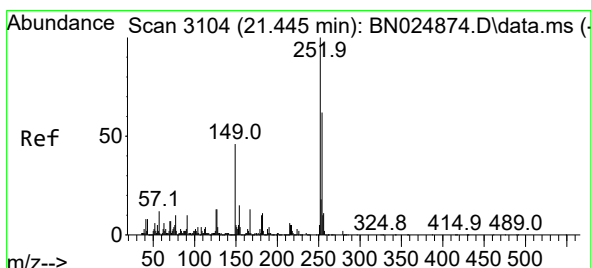
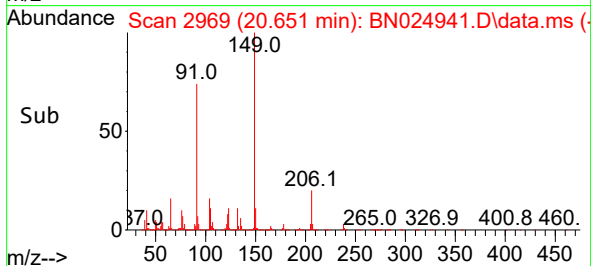
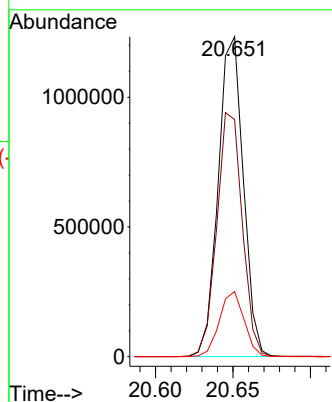
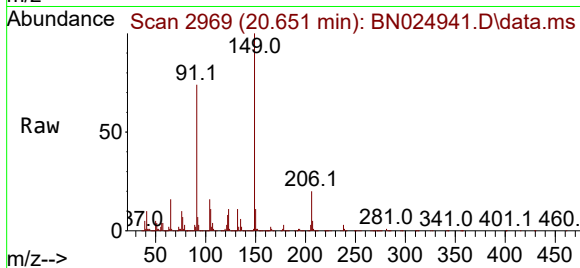
Tgt Ion:149 Resp: 1391101

Ion Ratio Lower Upper

149 100

91 74.1 62.6 93.8

206 20.4 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 22.787 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

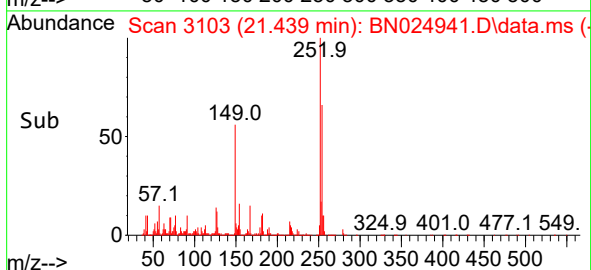
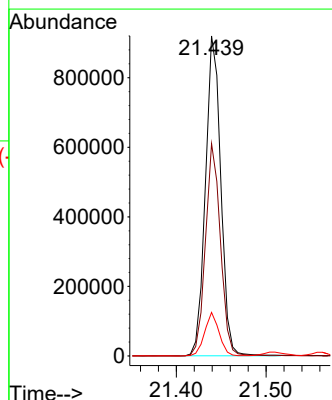
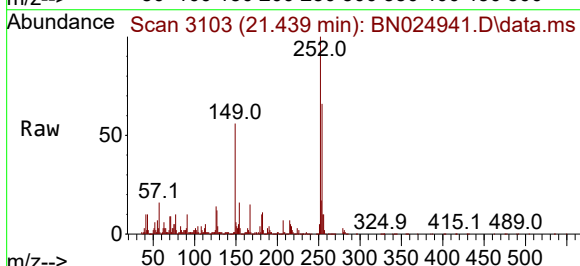
Tgt Ion:252 Resp: 1093053

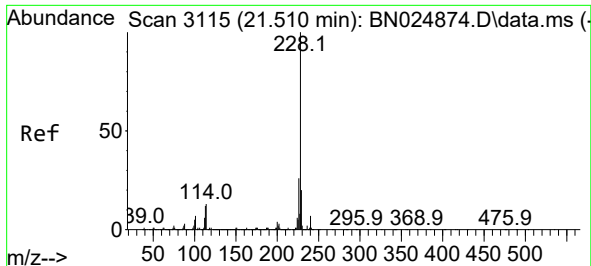
Ion Ratio Lower Upper

252 100

254 66.4 52.2 78.2

126 13.6 11.4 17.2

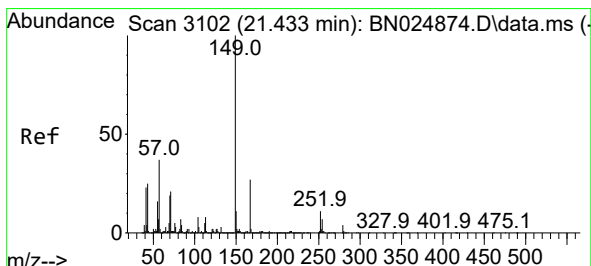
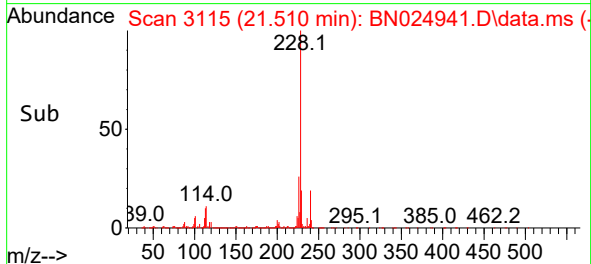
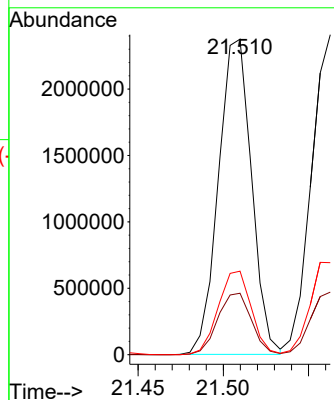
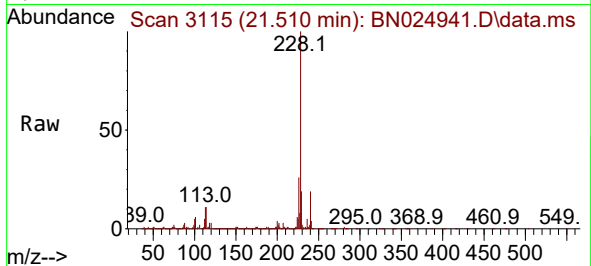




#85
Benzo(a)anthracene
Concen: 21.333 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

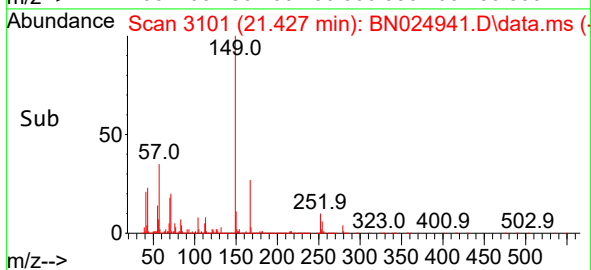
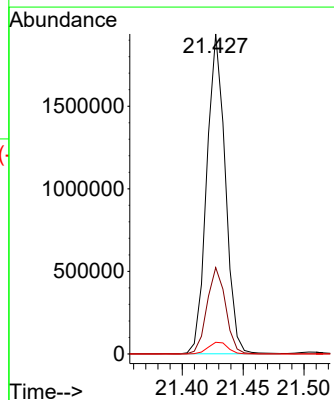
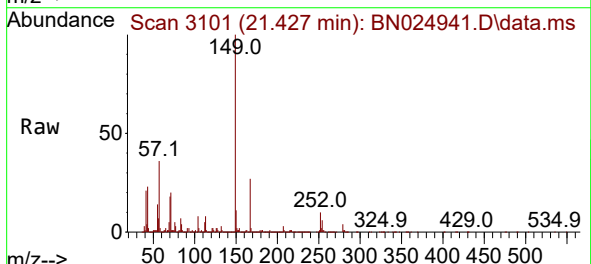
Instrument :
BNA_N
ClientSampleId :
SSTD020273

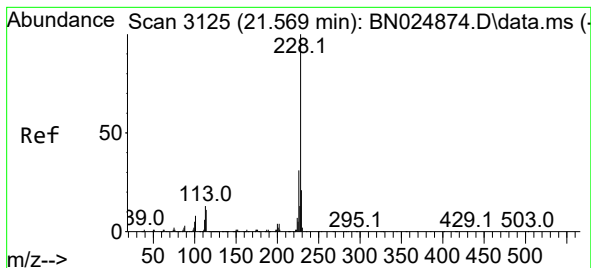
Tgt Ion:228 Resp: 3203212
Ion Ratio Lower Upper
228 100
229 19.5 16.2 24.2
226 26.5 20.7 31.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 21.608 ng/ul
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BN024941.D
Acq: 15 Apr 2023 19:31

Tgt Ion:149 Resp: 2051029
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 3.7 2.9 4.3





#87

Chrysene

Concen: 20.785 ng/ul

RT: 21.563 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

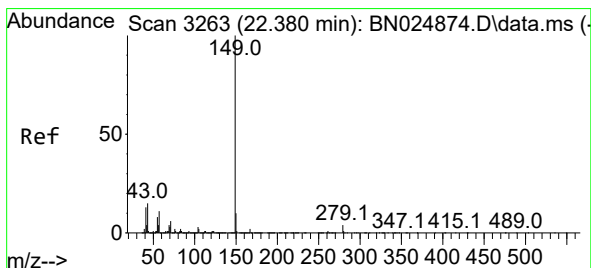
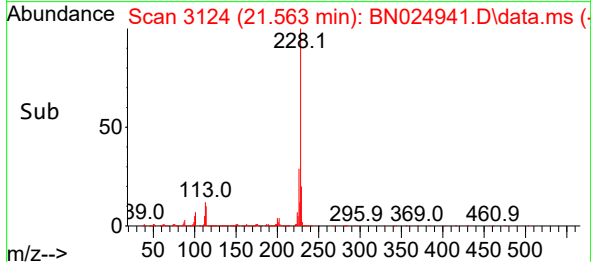
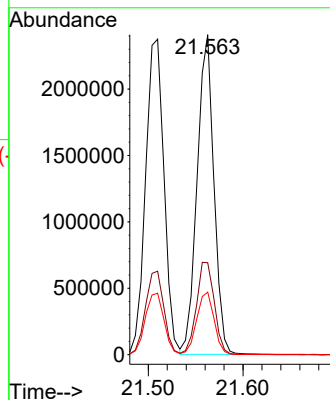
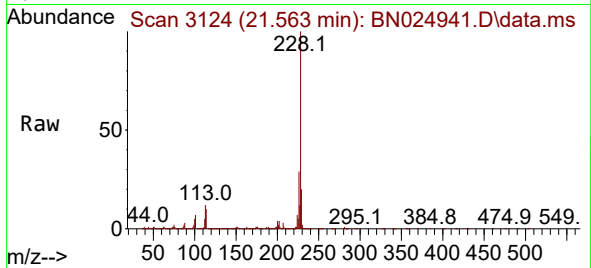
Tgt Ion:228 Resp: 2972743

Ion Ratio Lower Upper

228 100

226 28.8 22.4 33.6

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 22.283 ng/ul

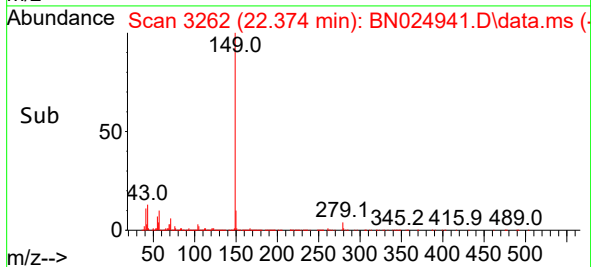
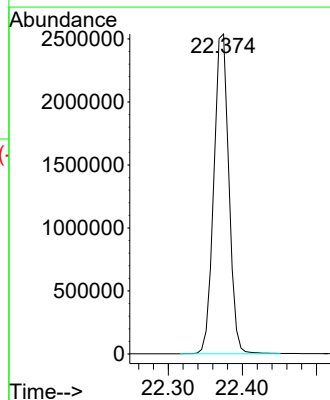
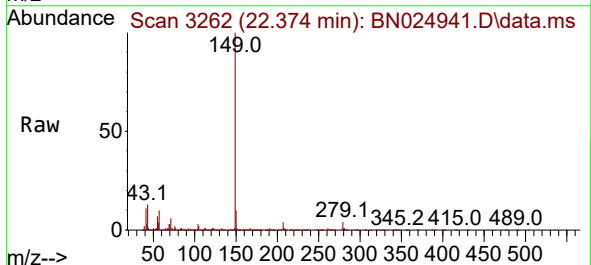
RT: 22.374 min Scan# 3262

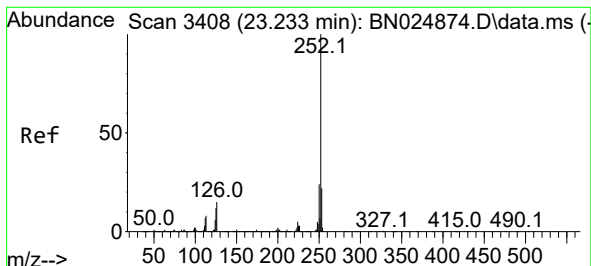
Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Tgt Ion:149 Resp: 3571833





#90

Benzo(b)fluoranthene

Concen: 22.500 ng/ul

RT: 23.221 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

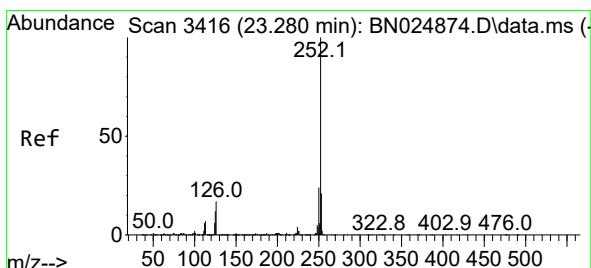
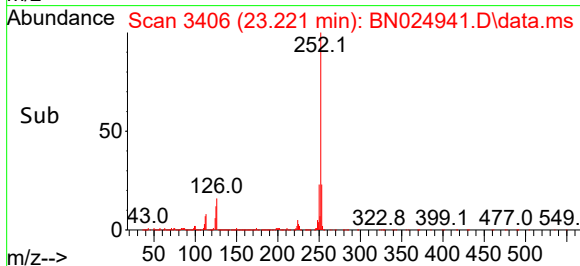
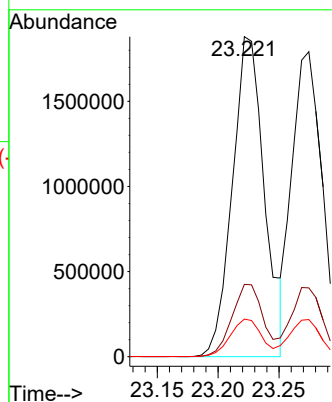
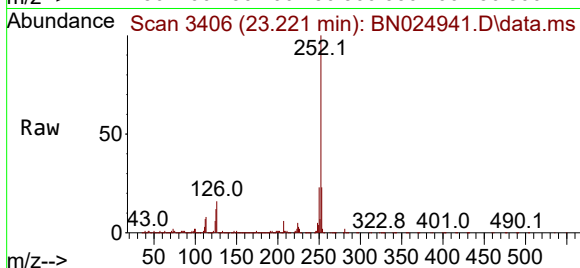
Tgt Ion:252 Resp: 3441816

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

125 11.8 10.4 15.6



#91

Benzo(k)fluoranthene

Concen: 20.403 ng/ul

RT: 23.274 min Scan# 3415

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

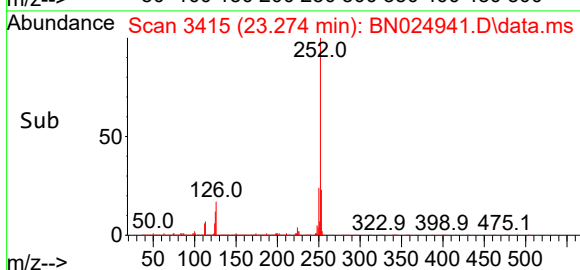
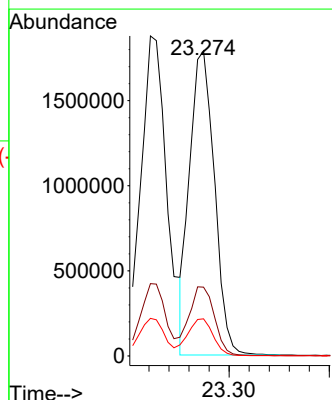
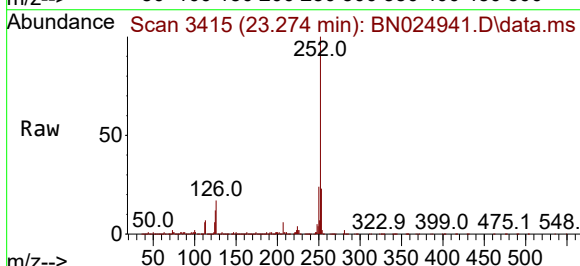
Tgt Ion:252 Resp: 3071142

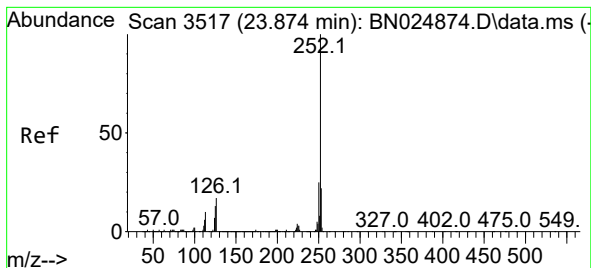
Ion Ratio Lower Upper

252 100

253 22.6 16.7 25.1

125 12.2 9.3 13.9





#93

Benzo(a)pyrene

Concen: 21.650 ng/ul

RT: 23.869 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

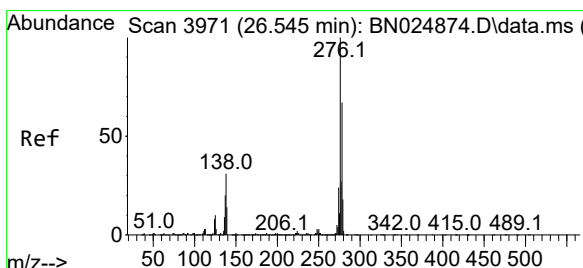
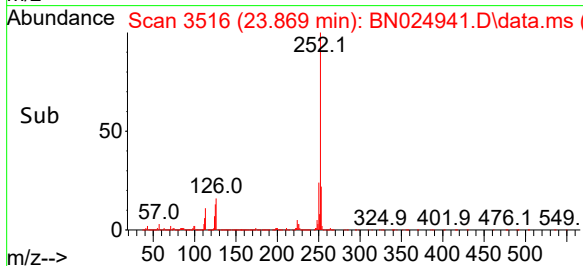
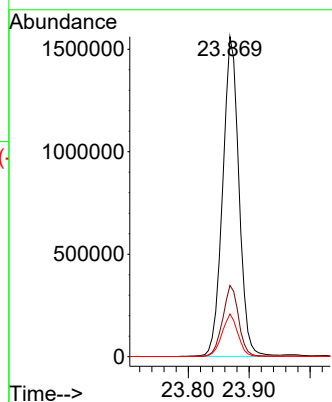
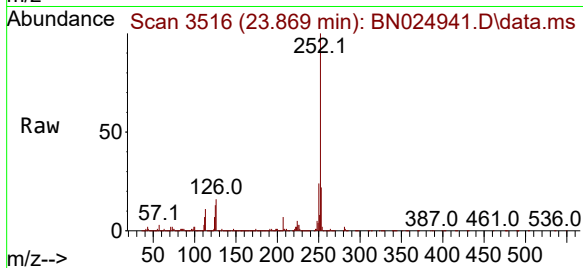
Tgt Ion:252 Resp: 2899488

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 13.4 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.778 ng/ul

RT: 26.533 min Scan# 3969

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

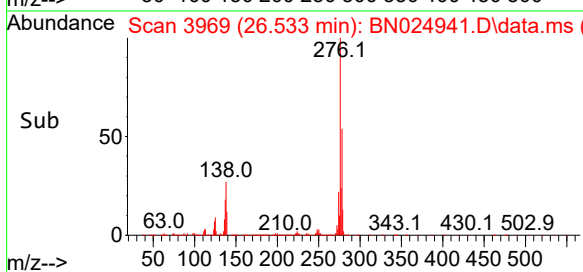
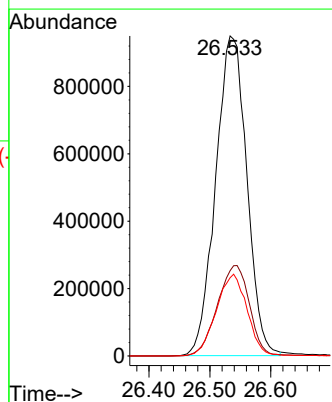
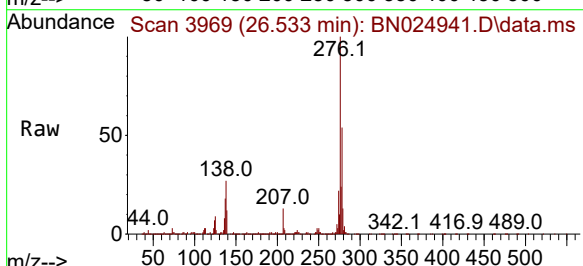
Tgt Ion:276 Resp: 3371540

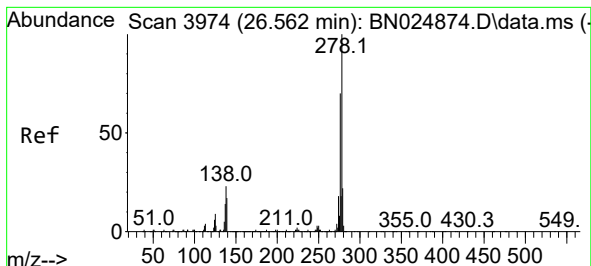
Ion Ratio Lower Upper

276 100

138 26.7 21.9 32.9

277 24.4 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 20.498 ng/ul

RT: 26.557 min Scan# 3974

Delta R.T. 0.000 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Instrument :

BNA_N

ClientSampleId :

SSTD020273

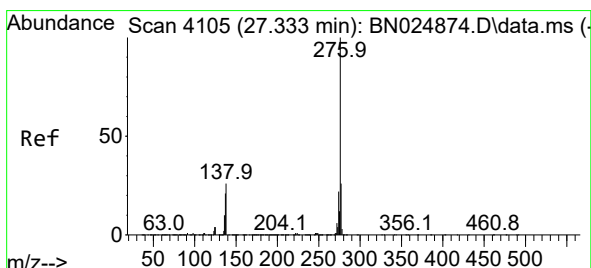
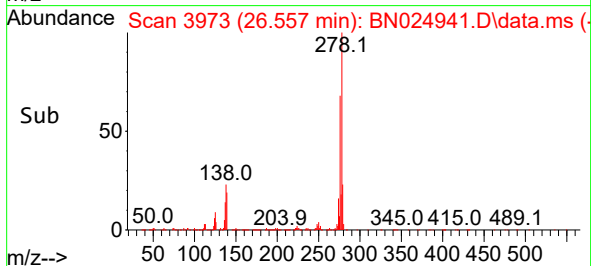
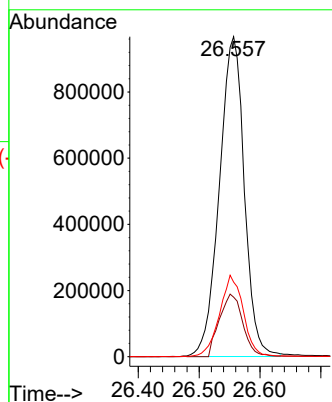
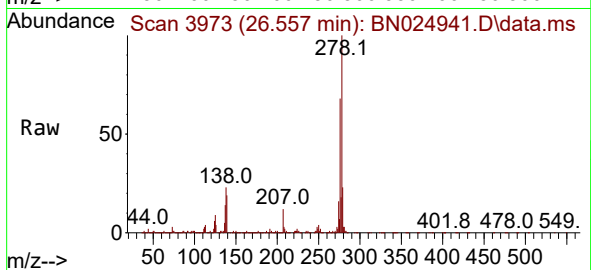
Tgt Ion:278 Resp: 2745976

Ion Ratio Lower Upper

278 100

139 18.6 14.6 21.8

279 23.3 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 19.798 ng/ul

RT: 27.321 min Scan# 4103

Delta R.T. -0.006 min

Lab File: BN024941.D

Acq: 15 Apr 2023 19:31

Tgt Ion:276 Resp: 2606877

Ion Ratio Lower Upper

276 100

138 24.4 19.8 29.8

277 23.0 17.6 26.4

