

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024940.D
 Acq On : 15 Apr 2023 18:18
 Operator : CG/JU
 Sample : PB152119BS
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

Quant Time: Apr 17 03:03:13 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	314567	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1403547	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	872037	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1925850	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1814148	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1982676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	46768	5.658	ng/uL	0.00
4) Pyridine-d5	3.728	84	747484	30.203	ng/u1	0.00
7) Phenol-d5	7.099	99	948563	30.930	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	624304	30.435	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	718438	31.877	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	762268	31.309	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	360707	31.740	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	400997	32.577	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	718173	32.642	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	879527	26.342	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	2166773	32.052	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	2491938	32.168	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	461021	33.269	ng/u1	0.00
60) Fluorene-d10	15.575	176	1820223	31.891	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	405824	32.380	ng/u1	0.00
73) Anthracene-d10	17.428	188	2922715	32.313	ng/u1	0.00
81) Pyrene-d10	19.722	212	3416945	32.436	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	3418721	32.978	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	101457	11.375	ng/uL	95
5) Pyridine	3.752	79	762327	29.814	ng/u1	98
6) Benzaldehyde	7.069	77	247474	16.515	ng/u1	97
8) Phenol	7.122	94	984561	30.826	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.357	93	749564	29.893	ng/u1	100
12) 2-Chlorophenol	7.493	128	729638	30.997	ng/u1	98
13) 2-Methylphenol	8.381	108	719788	30.695	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1439204	29.230	ng/u1	99
16) Acetophenone	8.763	105	1150593	29.888	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.752	70	623241	30.014	ng/u1	99
18) 4-Methylphenol	8.710	108	796931	30.561	ng/u1	94
19) Hexachloroethane	9.016	117	294647	31.015	ng/u1	97
22) Nitrobenzene	9.146	77	932560	30.539	ng/u1	99
23) Isophorone	9.675	82	1710909	30.522	ng/u1	100
25) 2-Nitrophenol	9.863	139	421850	31.770	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	833677	29.820	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.157	93	1048084	30.045	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	698332	31.625	ng/u1	96
30) Naphthalene	10.799	128	2382407	30.393	ng/u1	99
32) 4-Chloroaniline	10.910	127	538923	15.944	ng/u1	100
33) Hexachlorobutadiene	11.081	225	401615	31.205	ng/u1	95
34) Caprolactam	11.693	113	130200	16.823	ng/u1	91
35) 4-Chloro-3-methylphenol	12.034	107	838557	32.389	ng/u1	97
36) 2-Methylnaphthalene	12.410	142	1595937	30.807	ng/u1	98

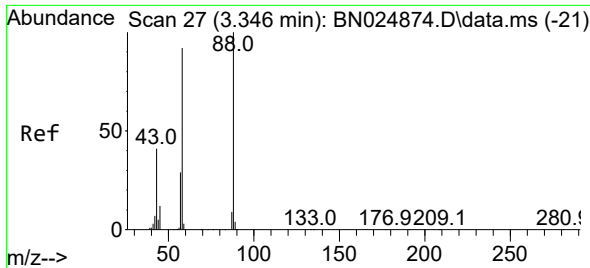
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1632931	31.576	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	794180	31.222	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	451989	29.140	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	540527	31.101	ng/ul	99
42) 2,4,5-Trichlorophenol	13.087	196	608337	31.986	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	2141064	30.816	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	1655913	30.694	ng/ul	100
45) 2-Nitroaniline	13.669	65	621300	32.980	ng/ul	97
47) Dimethylphthalate	14.040	163	2150673	31.619	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	447357	33.695	ng/ul	100
50) Acenaphthylene	14.304	152	2645202	31.088	ng/ul	100
51) 3-Nitroaniline	14.492	138	448954	32.179	ng/ul	98
52) Acenaphthene	14.645	153	1821440	30.964	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	280137	32.817	ng/ul	93
55) 4-Nitrophenol	14.798	109	375910	33.330	ng/ul	94
56) Dibenzofuran	14.981	168	2544108	31.378	ng/ul	97
57) 2,4-Dinitrotoluene	14.945	165	654588	34.060	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	488100	31.166	ng/ul	98
59) Diethylphthalate	15.404	149	2211038	32.350	ng/ul	99
61) Fluorene	15.628	166	2069105	31.727	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.622	204	975215	32.127	ng/ul	98
63) 4-Nitroaniline	15.657	138	514899	37.449	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	403921	32.900	ng/ul	100
67) N-Nitrosodiphenylamine	15.839	169	1783586	30.527	ng/ul	96
68) 4-Bromophenyl-phenylether	16.516	248	610099	31.517	ng/ul	97
69) Hexachlorobenzene	16.633	284	714849	32.616	ng/ul	99
71) Pentachlorophenol	16.975	266	409069	30.028	ng/ul	95
72) Phenanthrene	17.369	178	3408651	31.365	ng/ul	99
74) Anthracene	17.463	178	3429575	31.317	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	814050	29.719	ng/uL	97
76) Pentachlorobenzene	14.898	250	803030	30.641	ng/uL	98
77) Carbazole	17.733	167	3180367	32.164	ng/ul	97
78) Di-n-butylphthalate	18.292	149	3942949	33.595	ng/ul	99
80) Fluoranthene	19.386	202	4077003	32.292	ng/ul	99
82) Pyrene	19.751	202	4201778	31.617	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1872781	33.943	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	1144996	27.508	ng/ul	95
85) Benzo(a)anthracene	21.510	228	4200311	32.237	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.427	149	2805192	34.058	ng/ul	99
87) Chrysene	21.563	228	3993170	32.176	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	4979403	36.545	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	4325001	33.263	ng/ul	96
91) Benzo(k)fluoranthene	23.274	252	4172522	32.612	ng/ul	98
93) Benzo(a)pyrene	23.874	252	3754001	32.976	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.539	276	4317869	31.305	ng/ul	99
95) Dibenzo(a,h)anthracene	26.562	278	3628743	31.867	ng/ul	98
96) Benzo(g,h,i)perylene	27.321	276	3429267	30.639	ng/ul	98

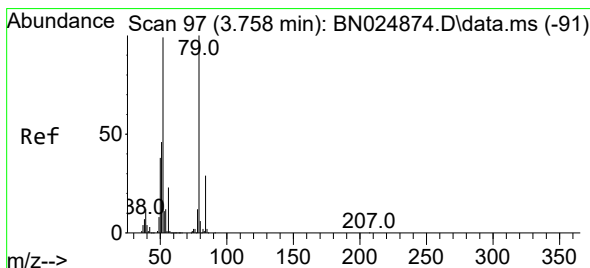
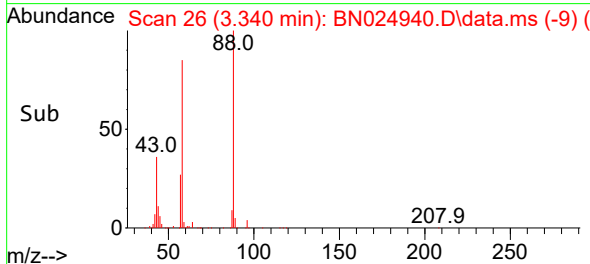
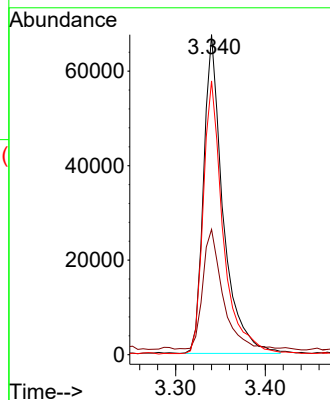
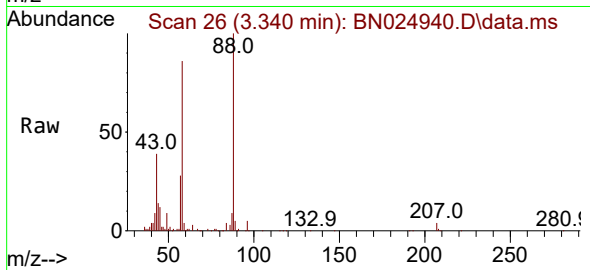
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#2
1,4-Dioxane
Concen: 11.375 ng/uL
RT: 3.340 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN024940.D
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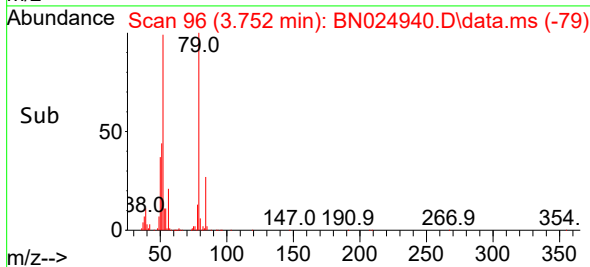
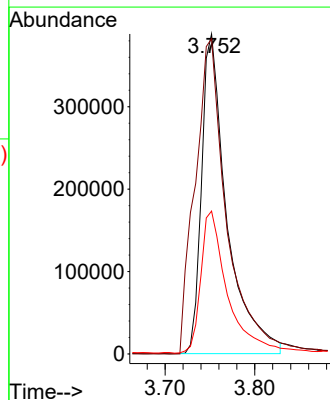
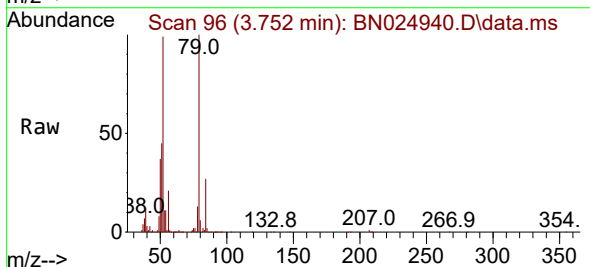
Instrument :
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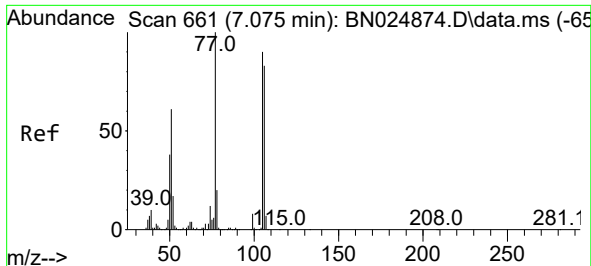
Tgt Ion: 88 Resp: 101457
Ion Ratio Lower Upper
88 100
43 39.1 33.0 49.4
58 85.6 72.3 108.5



#5
Pyridine
Concen: 29.814 ng/uL
RT: 3.752 min Scan# 96
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion: 79 Resp: 762327
Ion Ratio Lower Upper
79 100
52 98.5 76.1 114.1
51 44.7 35.8 53.6

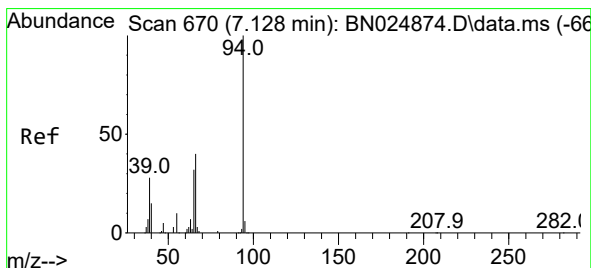
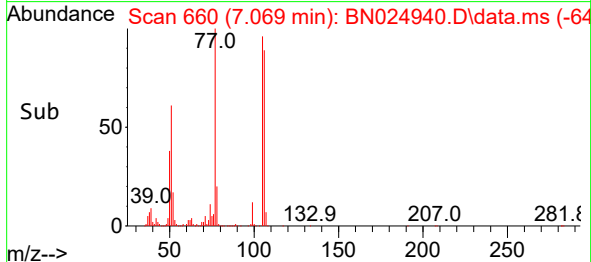
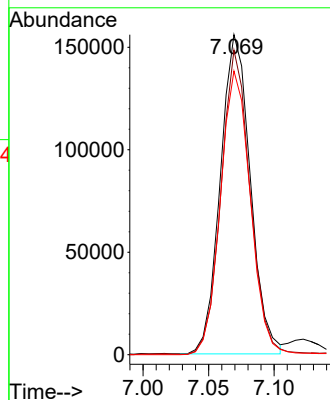
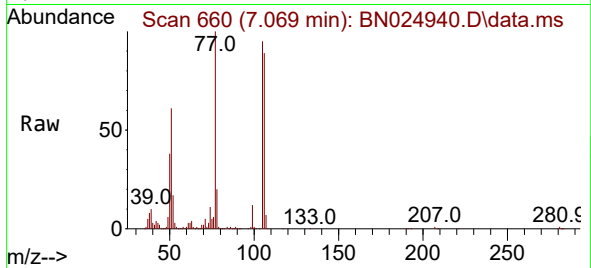




#6
Benzaldehyde
Concen: 16.515 ng/ul
RT: 7.069 min Scan# 660
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

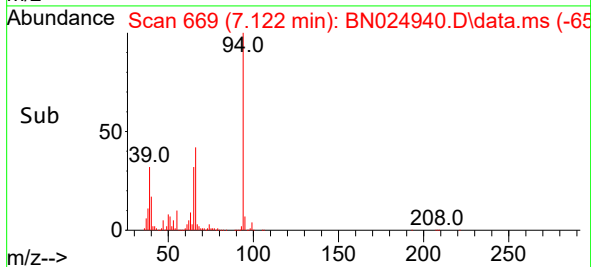
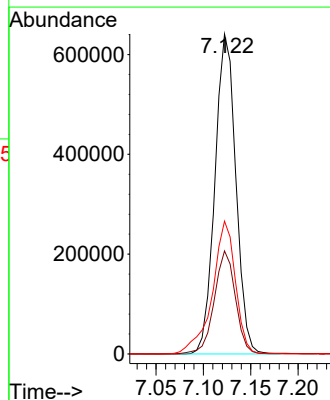
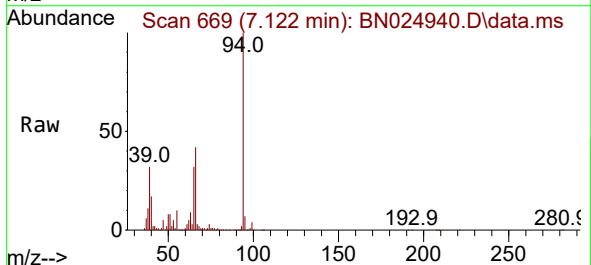
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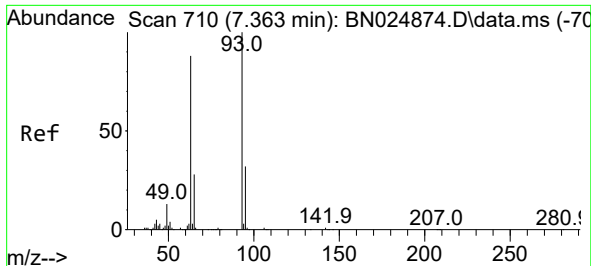
Tgt Ion: 77 Resp: 247474
Ion Ratio Lower Upper
77 100
105 95.2 74.3 111.5
106 88.6 73.3 109.9



#8
Phenol
Concen: 30.826 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion: 94 Resp: 984561
Ion Ratio Lower Upper
94 100
65 32.2 25.1 37.7
66 41.5 31.9 47.9

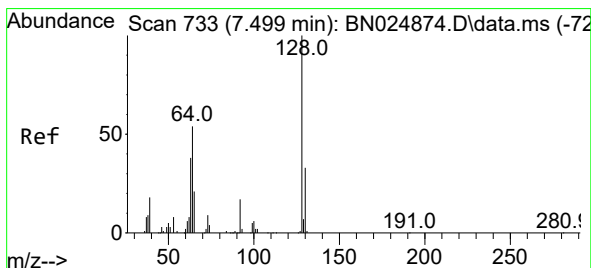
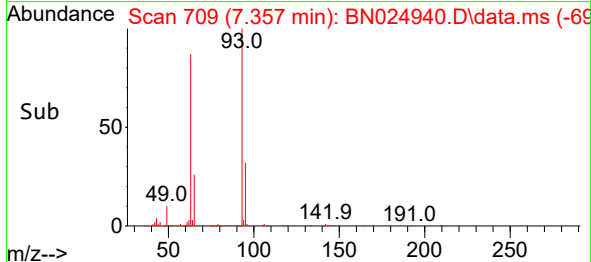
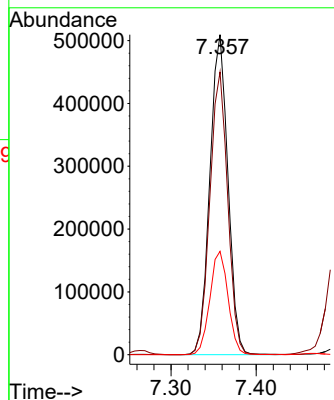
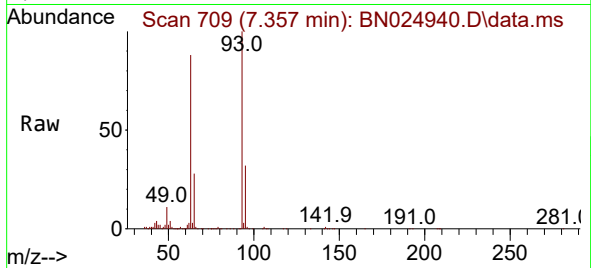




#10
Bis(2-Chloroethyl)ether
Concen: 29.893 ng/ul
RT: 7.357 min Scan# 709
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

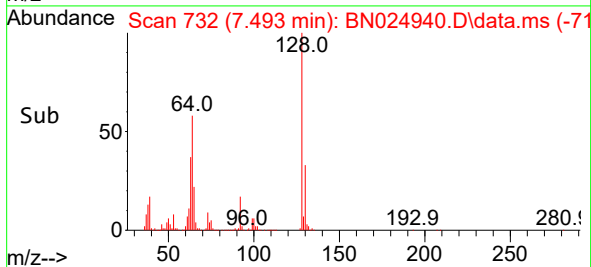
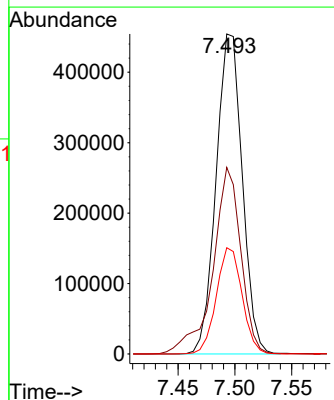
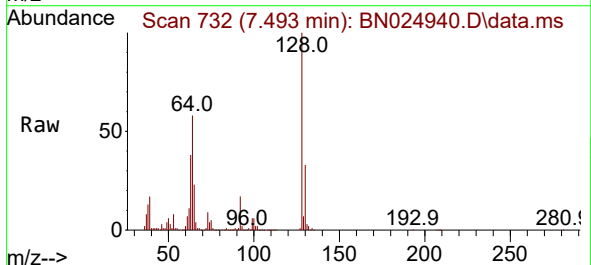
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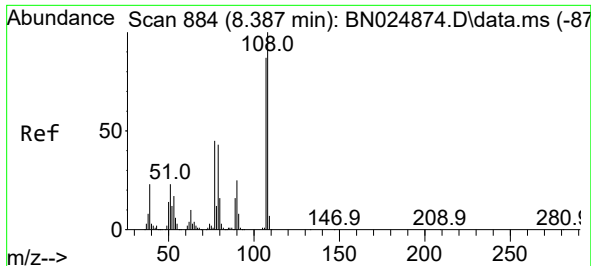
Tgt Ion: 93 Resp: 749564
Ion Ratio Lower Upper
93 100
63 88.3 70.9 106.3
95 32.3 26.0 39.0



#12
2-Chlorophenol
Concen: 30.997 ng/ul
RT: 7.493 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:128 Resp: 729638
Ion Ratio Lower Upper
128 100
64 58.3 44.8 67.2
130 33.2 26.6 39.8





#13

2-Methylphenol

Concen: 30.695 ng/ul

RT: 8.381 min Scan# 884

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

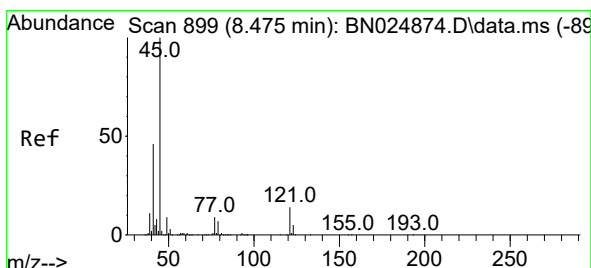
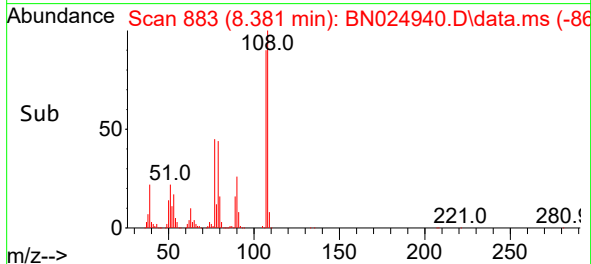
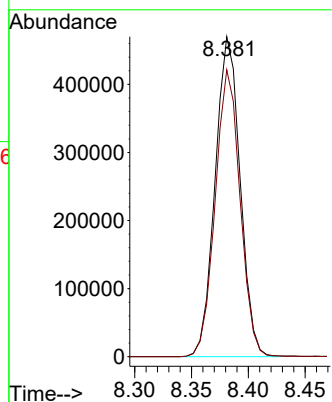
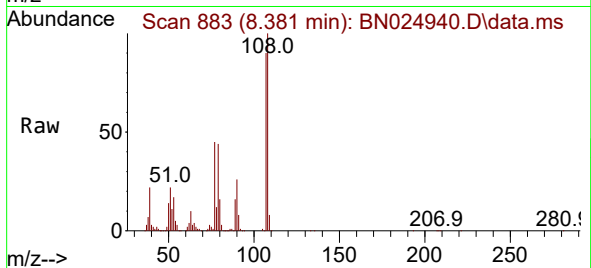
SLCS119

Tgt Ion:108 Resp: 719788

Ion Ratio Lower Upper

108 100

107 89.7 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.230 ng/ul

RT: 8.463 min Scan# 897

Delta R.T. -0.012 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

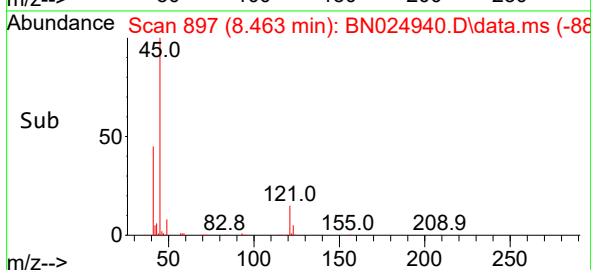
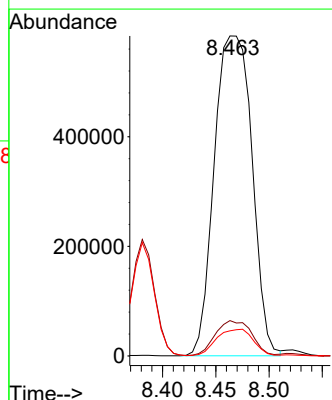
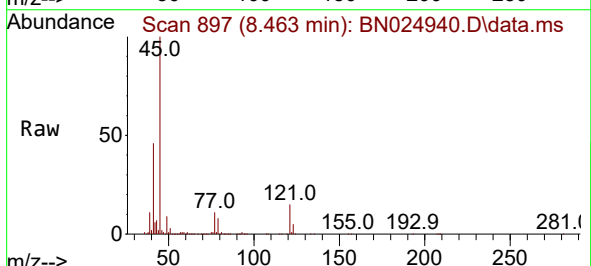
Tgt Ion: 45 Resp: 1439204

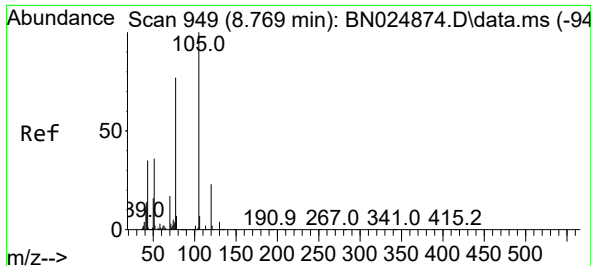
Ion Ratio Lower Upper

45 100

77 11.1 8.4 12.6

79 7.9 6.6 9.8

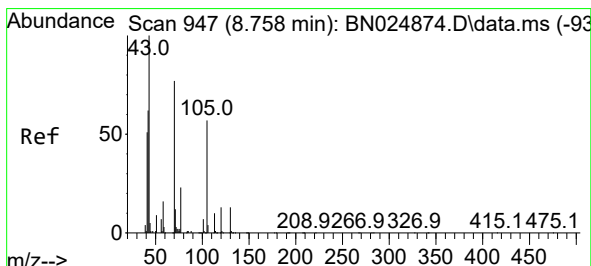
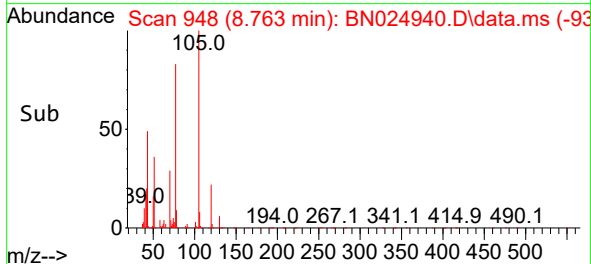
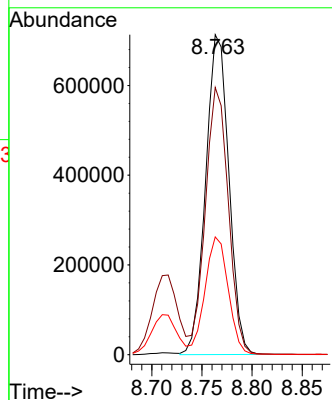
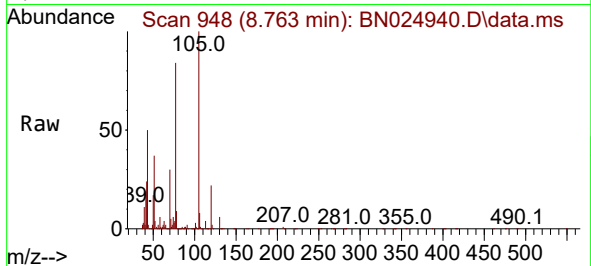




#16
Acetophenone
Concen: 29.888 ng/ul
RT: 8.763 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN024940.D
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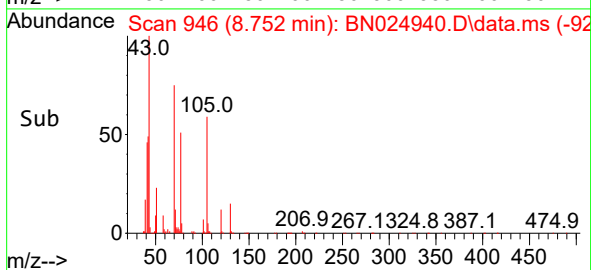
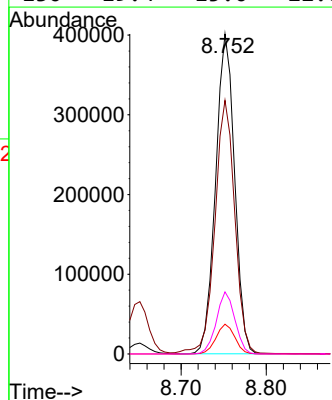
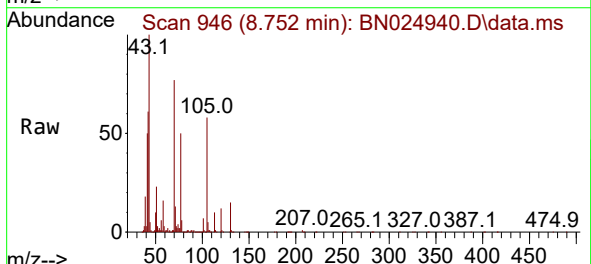
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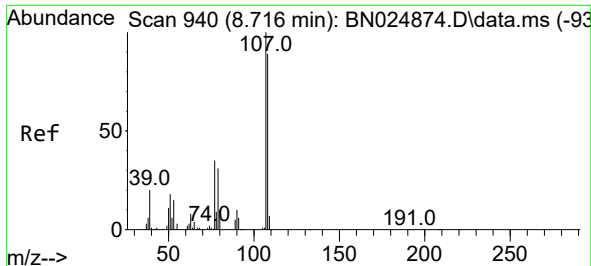
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Ion Ratio Lower Upper
105 100
77 83.5 64.8 97.2
51 36.8 28.7 43.1



#17
N-Nitroso-di-n-propylamine
Concen: 30.014 ng/ul
RT: 8.752 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion: 70 Resp: 623241
Ion Ratio Lower Upper
70 100
42 79.2 64.2 96.2
101 9.3 7.3 10.9
130 19.4 15.0 22.6

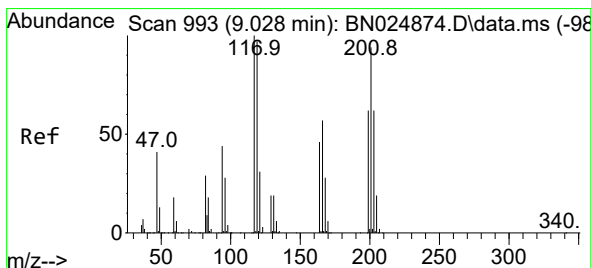
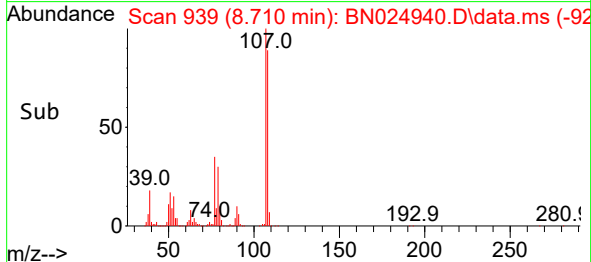
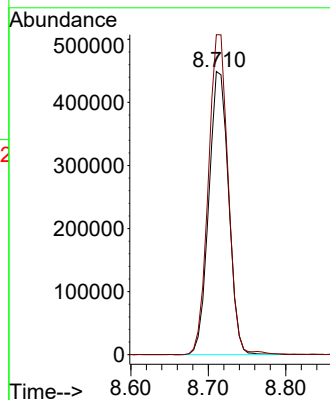
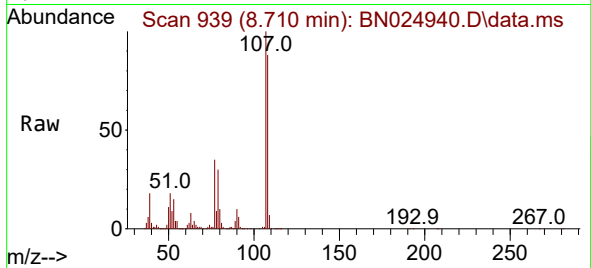




#18
4-Methylphenol
Concen: 30.561 ng/ul
RT: 8.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

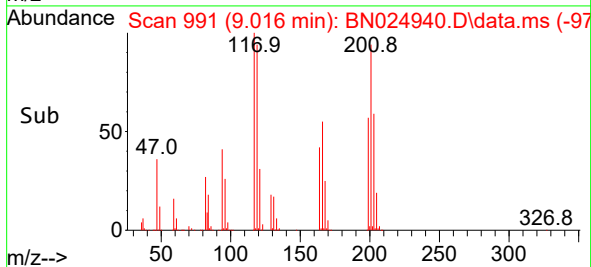
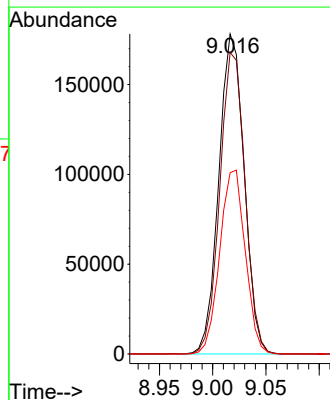
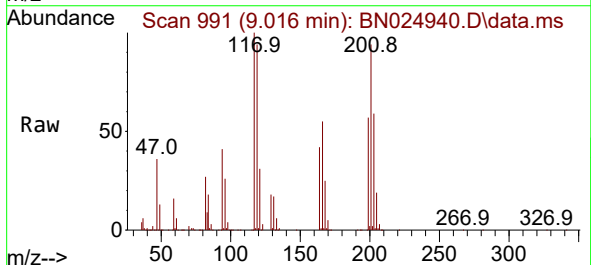
Instrument :
BNA_N
ClientSampleId :
SLCS119

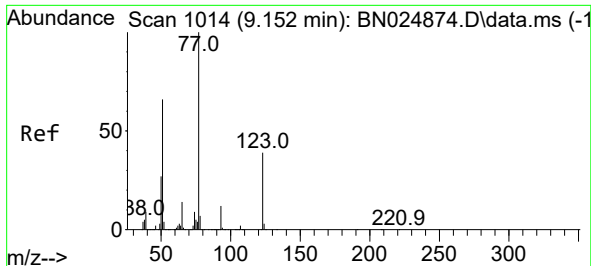
Tgt Ion:108 Resp: 796931
Ion Ratio Lower Upper
108 100
107 113.0 85.8 128.6



#19
Hexachloroethane
Concen: 31.015 ng/ul
RT: 9.016 min Scan# 991
Delta R.T. -0.006 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:117 Resp: 294647
Ion Ratio Lower Upper
117 100
201 94.3 72.2 108.4
199 56.6 46.2 69.4

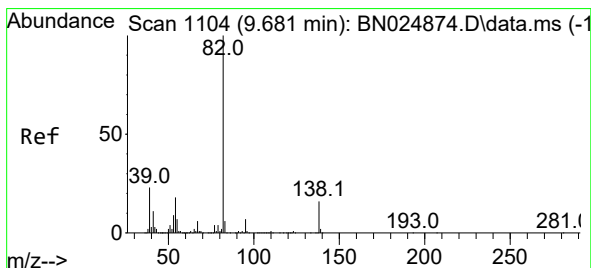
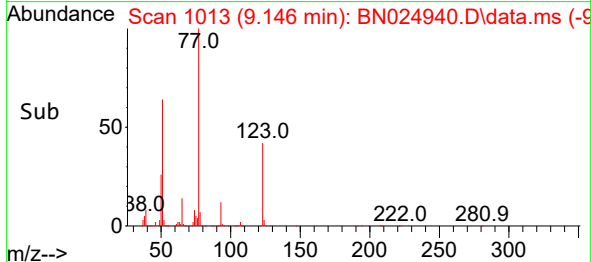
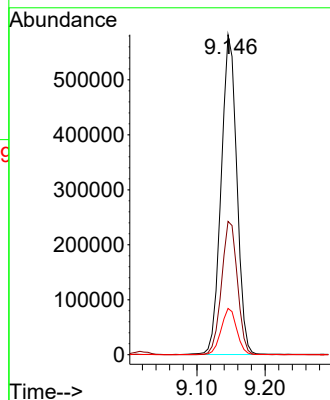
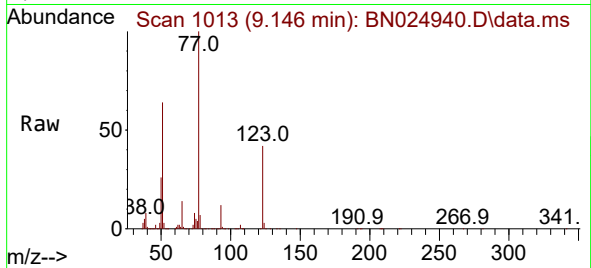




#22
Nitrobenzene
Concen: 30.539 ng/ul
RT: 9.146 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

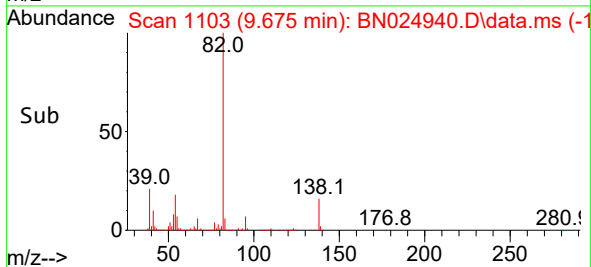
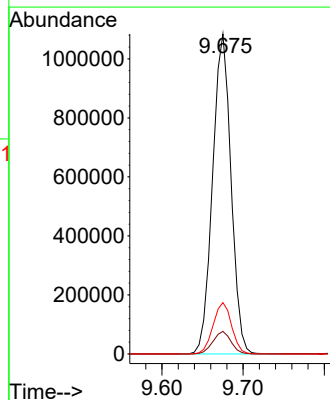
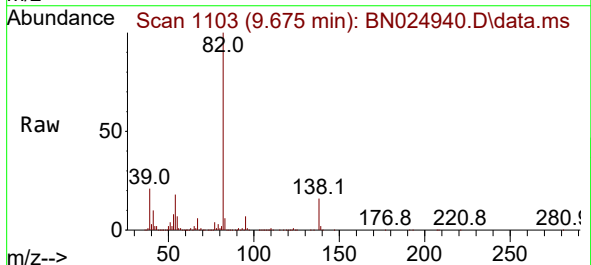
Instrument :
BNA_N
ClientSampleId :
SLCS119

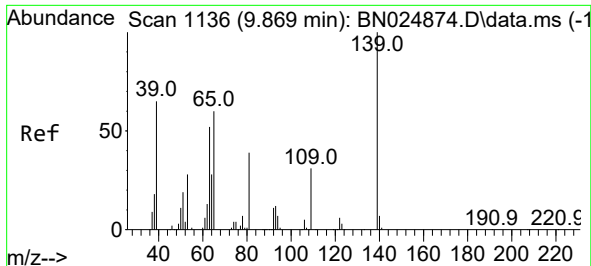
Tgt Ion: 77 Resp: 932560
Ion Ratio Lower Upper
77 100
123 41.7 33.5 50.3
65 14.4 11.8 17.8



#23
Isophorone
Concen: 30.522 ng/ul
RT: 9.675 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion: 82 Resp: 1710909
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 16.1 12.8 19.2

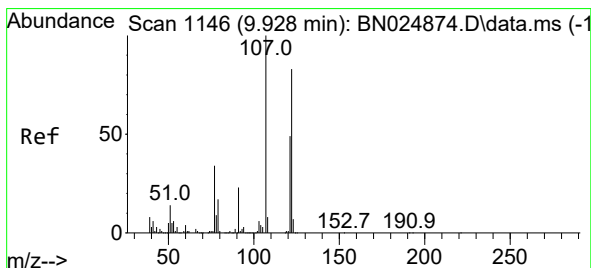
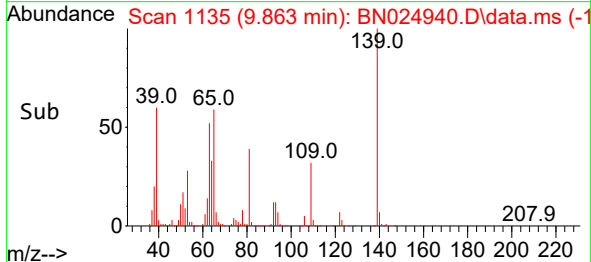
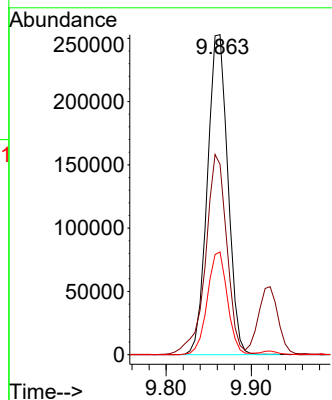
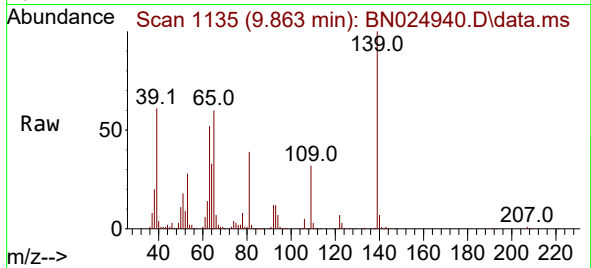




#25
2-Nitrophenol
Concen: 31.770 ng/ul
RT: 9.863 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

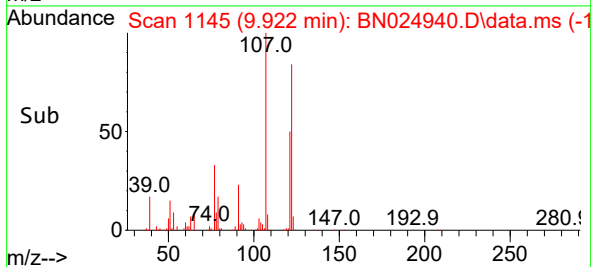
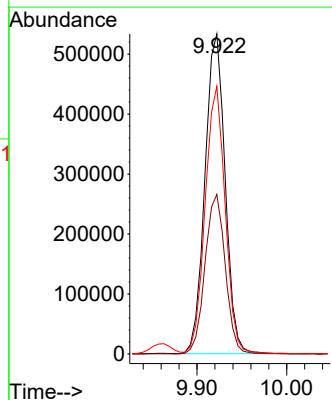
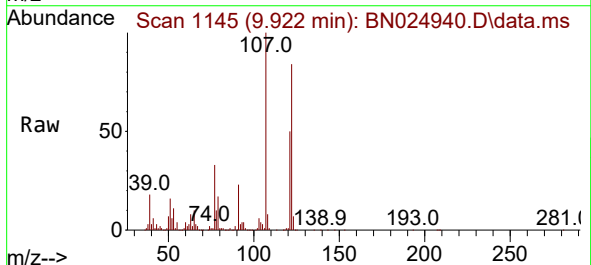
Instrument :
BNA_N
ClientSampleId :
SLCS119

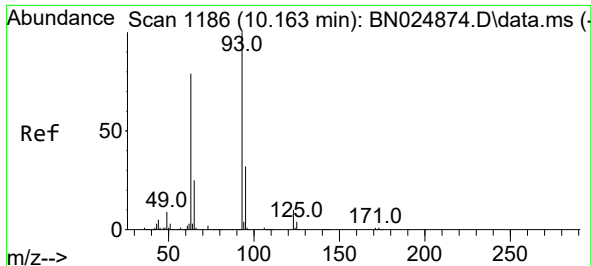
Tgt Ion:139 Resp: 421850
Ion Ratio Lower Upper
139 100
65 59.5 49.8 74.8
109 32.1 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 29.820 ng/ul
RT: 9.922 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:107 Resp: 833677
Ion Ratio Lower Upper
107 100
121 49.9 39.7 59.5
122 83.6 66.1 99.1

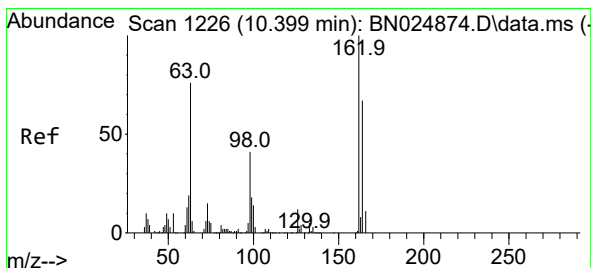
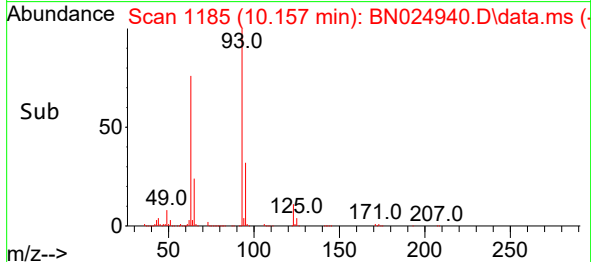
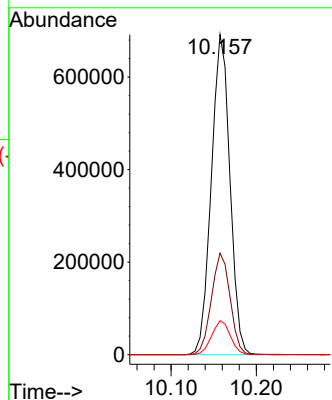
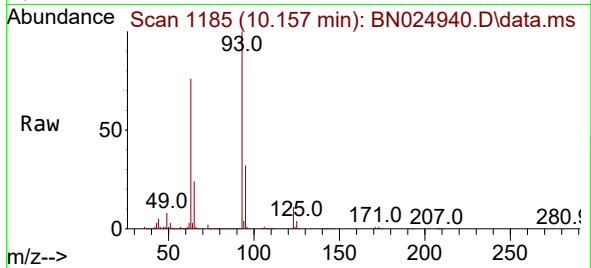




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.045 ng/ul
 RT: 10.157 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

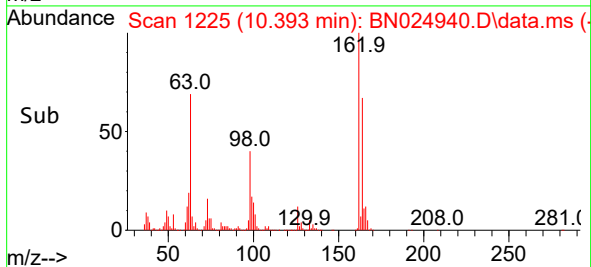
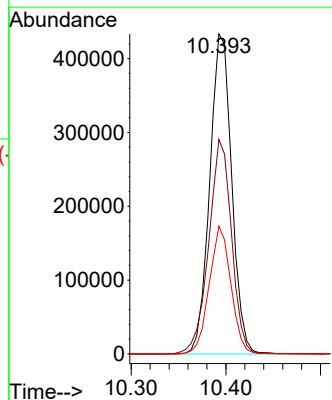
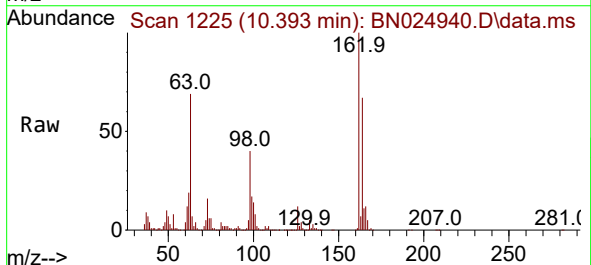
Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

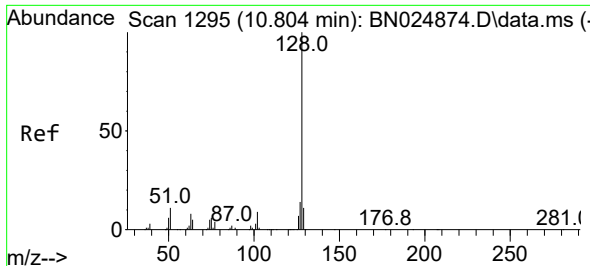
Tgt Ion: 93 Resp: 1048084
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.1 39.1
 123 10.6 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 31.625 ng/ul
 RT: 10.393 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

Tgt Ion:162 Resp: 698332
 Ion Ratio Lower Upper
 162 100
 164 67.0 50.9 76.3
 98 40.0 31.0 46.4

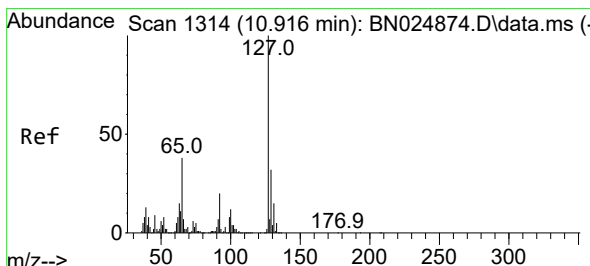
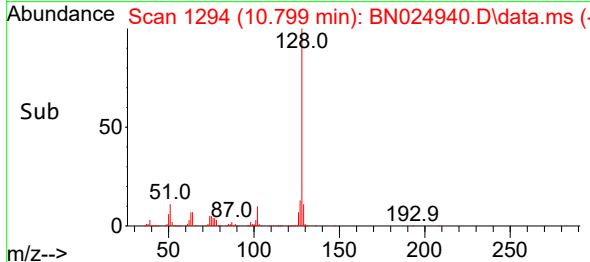
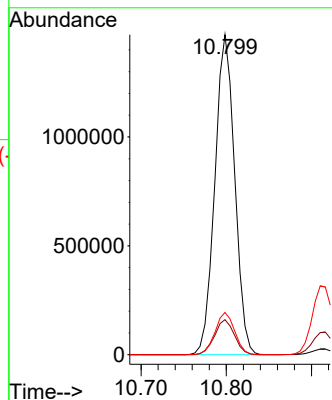
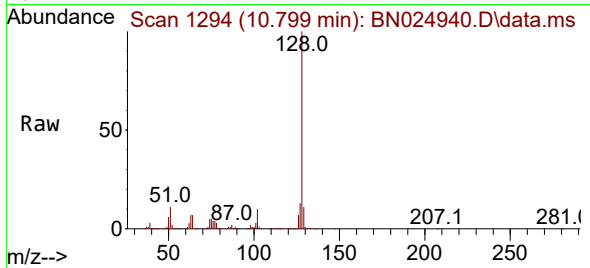




#30
Naphthalene
Concen: 30.393 ng/ul
RT: 10.799 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

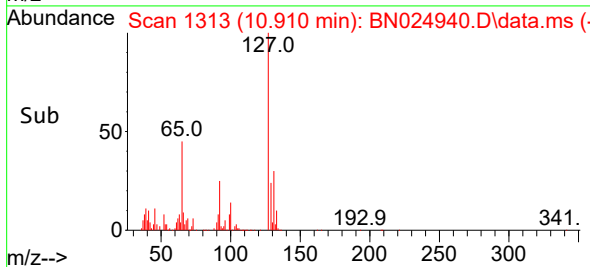
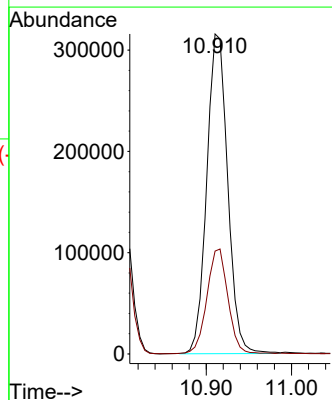
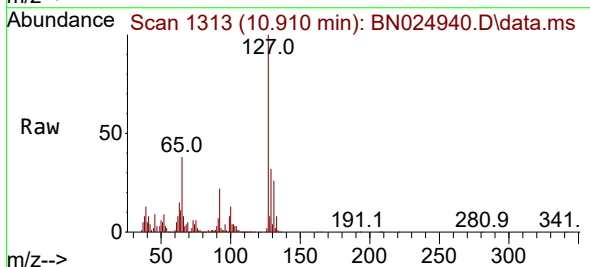
Instrument :
BNA_N
ClientSampleId :
SLCS119

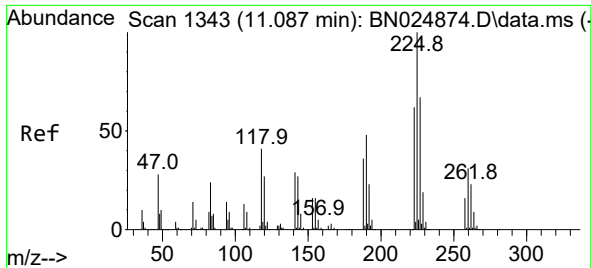
Tgt Ion:128 Resp: 2382407
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.7 16.1



#32
4-Chloroaniline
Concen: 15.944 ng/ul
RT: 10.910 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:127 Resp: 538923
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3

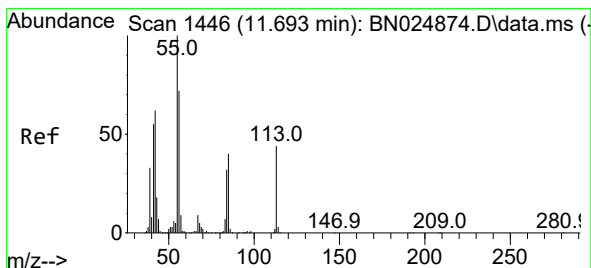
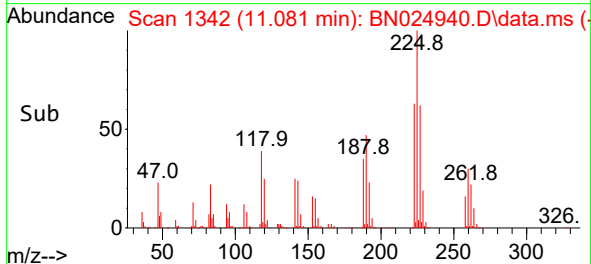
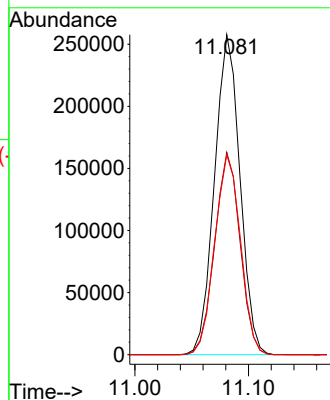
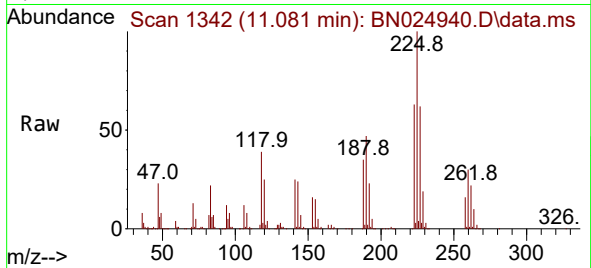




#33
Hexachlorobutadiene
Concen: 31.205 ng/ul
RT: 11.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

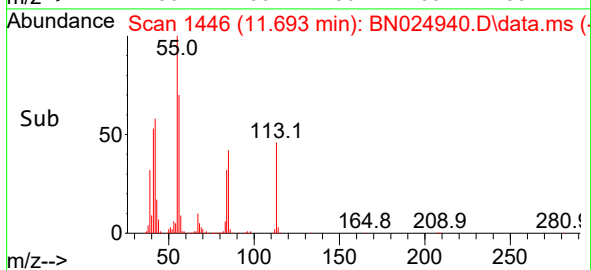
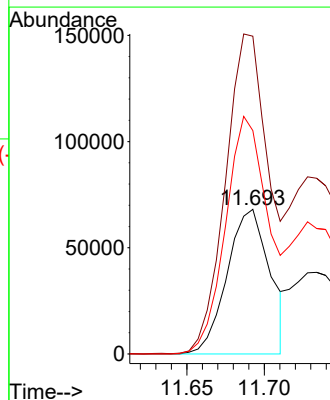
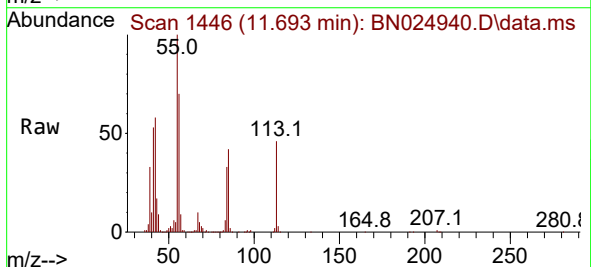
Instrument :
BNA_N
ClientSampleId :
SLCS119

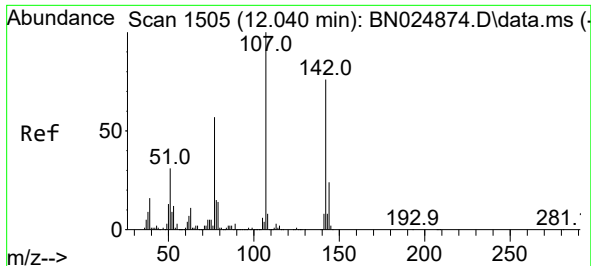
Tgt Ion:225 Resp: 401615
Ion Ratio Lower Upper
225 100
223 63.3 45.9 68.9
227 62.4 51.2 76.8



#34
Caprolactam
Concen: 16.823 ng/ul
RT: 11.693 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:113 Resp: 130200
Ion Ratio Lower Upper
113 100
55 219.8 188.3 282.5
56 154.4 133.5 200.3

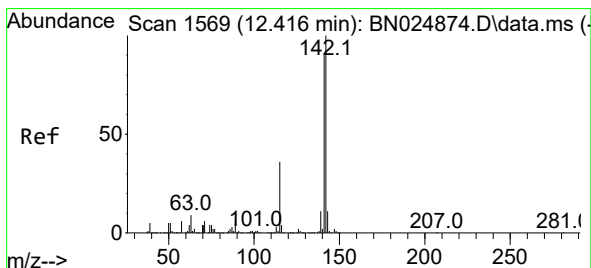
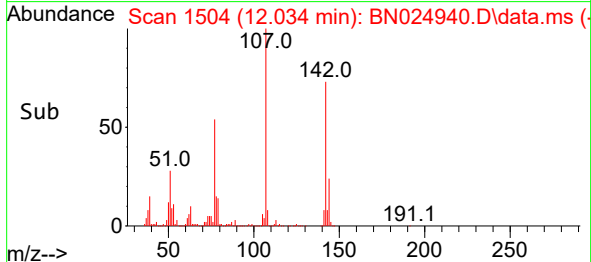
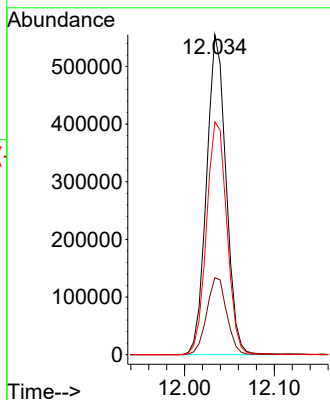
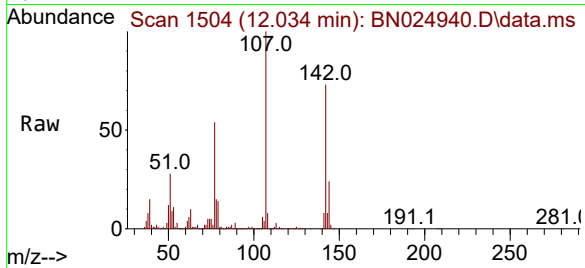




#35
4-Chloro-3-methylphenol
Concen: 32.389 ng/ul
RT: 12.034 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

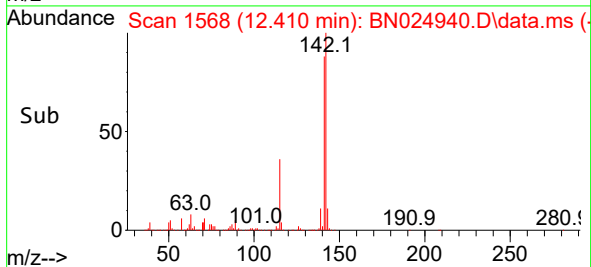
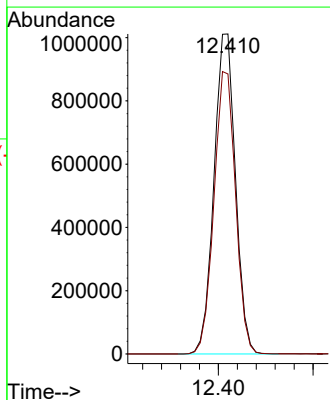
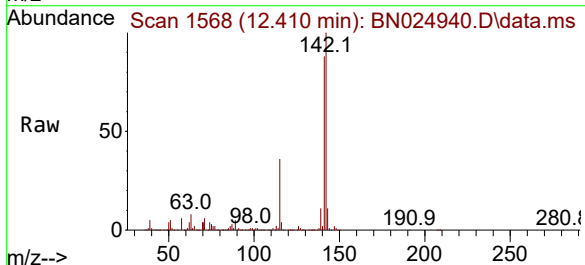
Instrument :
BNA_N
ClientSampleId :
SLCS119

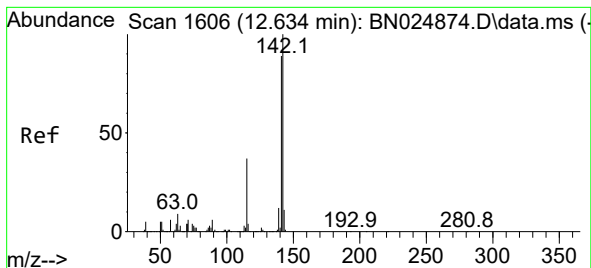
Tgt Ion:107 Resp: 838557
Ion Ratio Lower Upper
107 100
144 24.0 19.6 29.4
142 72.7 60.7 91.1



#36
2-Methylnaphthalene
Concen: 30.807 ng/ul
RT: 12.410 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:142 Resp: 1595937
Ion Ratio Lower Upper
142 100
141 87.5 71.4 107.2





#37

1-Methylnaphthalene

Concen: 31.576 ng/ul

RT: 12.628 min Scan# 1605

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

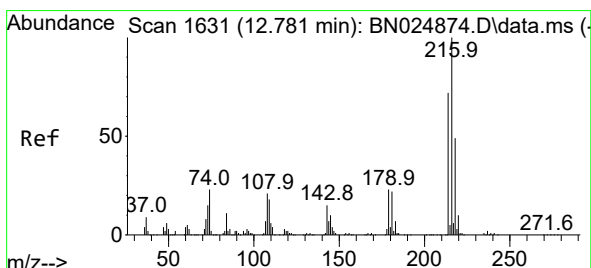
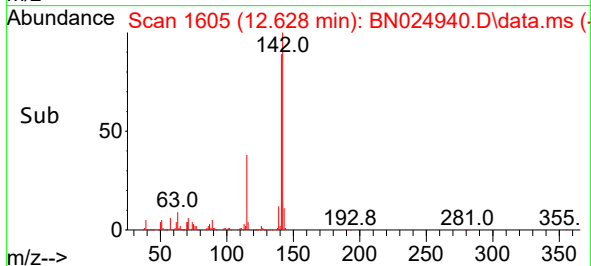
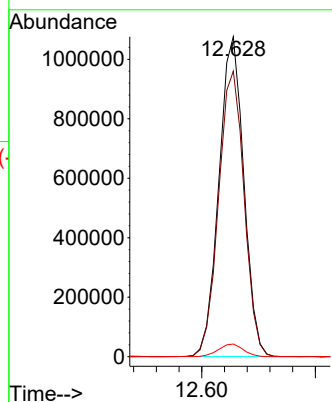
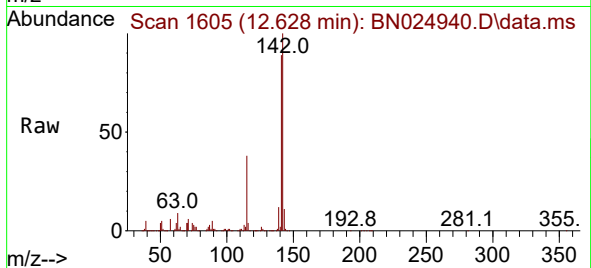
Tgt Ion:142 Resp: 1632931

Ion Ratio Lower Upper

142 100

141 89.3 73.5 110.3

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.222 ng/ul

RT: 12.775 min Scan# 1630

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Tgt Ion:216 Resp: 794180

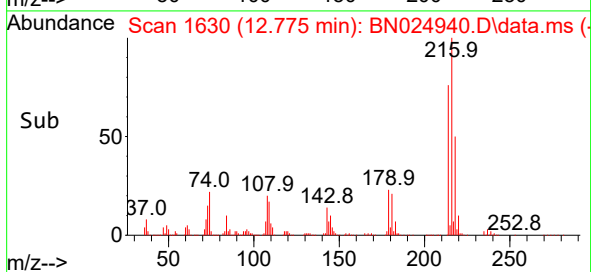
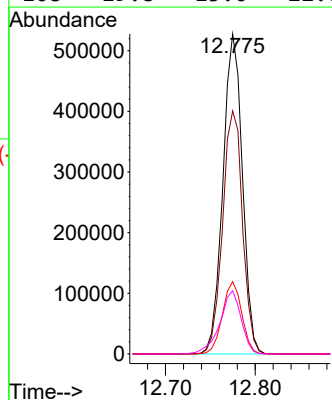
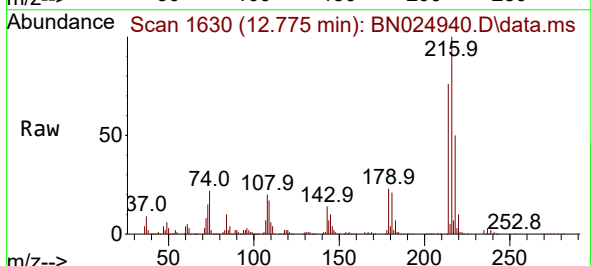
Ion Ratio Lower Upper

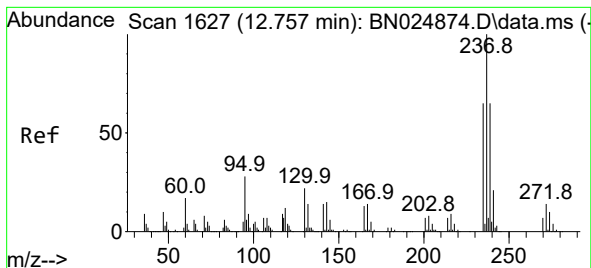
216 100

214 76.0 62.2 93.4

179 22.6 16.8 25.2

108 19.8 15.0 22.6





#40

Hexachlorocyclopentadiene

Concen: 29.140 ng/ul

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

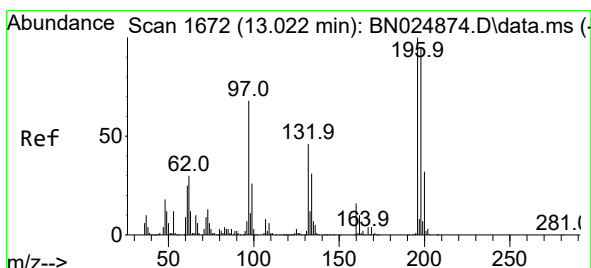
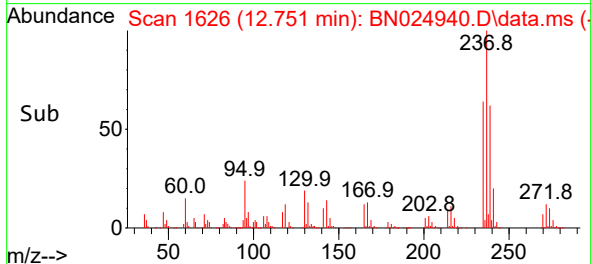
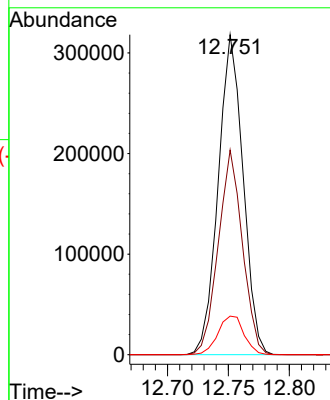
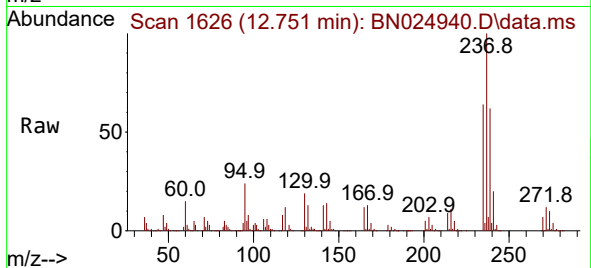
Tgt Ion:237 Resp: 451989

Ion Ratio Lower Upper

237 100

235 64.0 49.9 74.9

272 12.0 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 31.101 ng/ul

RT: 13.016 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

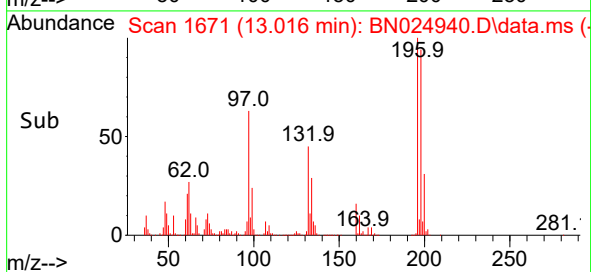
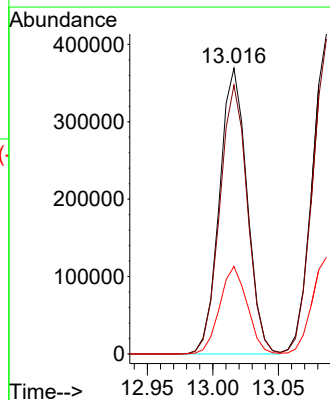
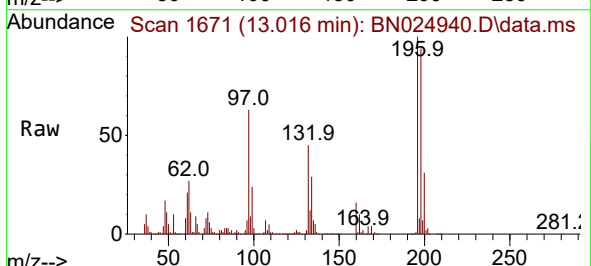
Tgt Ion:196 Resp: 540527

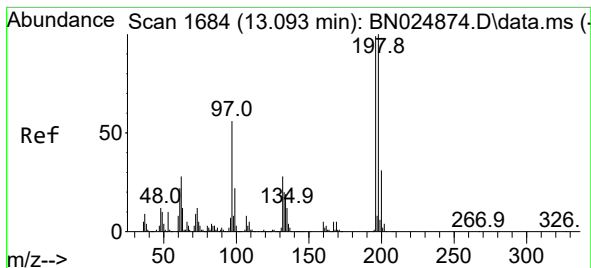
Ion Ratio Lower Upper

196 100

198 94.0 74.5 111.7

200 30.6 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 31.986 ng/ul

RT: 13.087 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

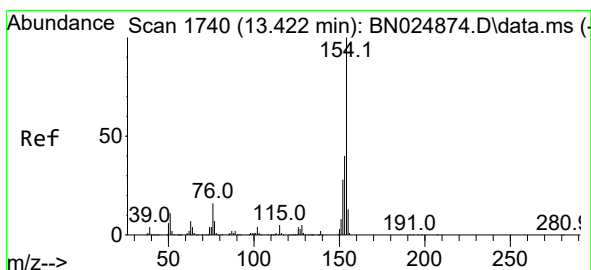
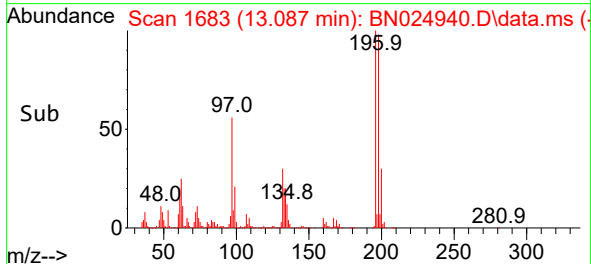
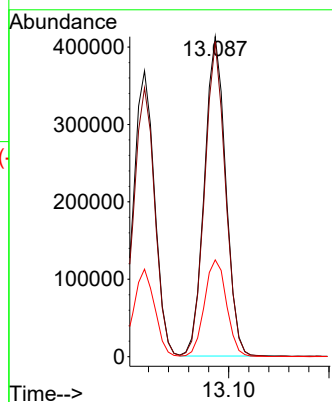
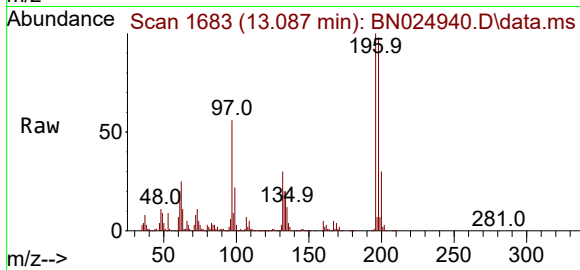
Tgt Ion:196 Resp: 608337

Ion Ratio Lower Upper

196 100

198 98.5 78.2 117.2

200 30.2 24.0 36.0



#43

1,1'-Biphenyl

Concen: 30.816 ng/ul

RT: 13.416 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

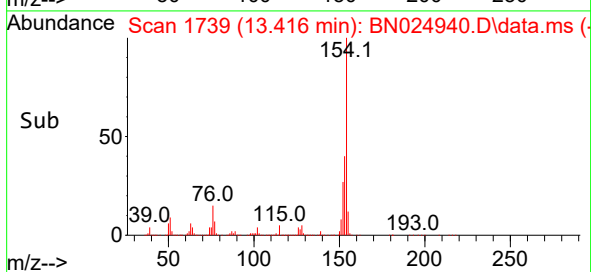
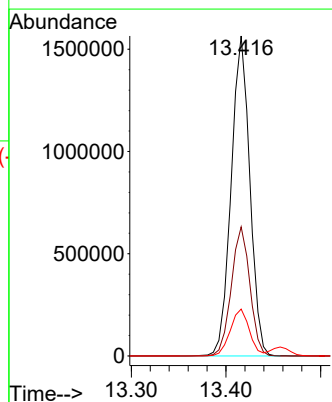
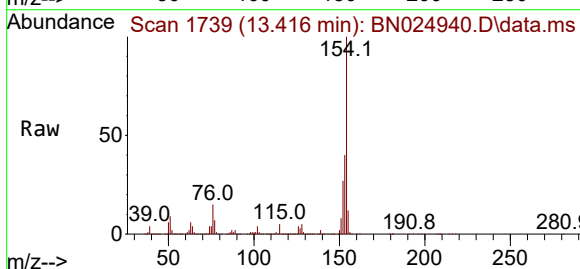
Tgt Ion:154 Resp: 2141064

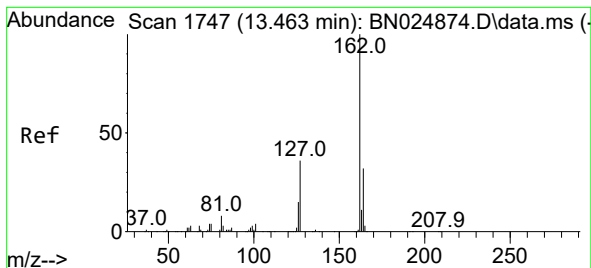
Ion Ratio Lower Upper

154 100

153 40.3 32.2 48.2

76 14.6 12.4 18.6





#44

2-Chloronaphthalene

Concen: 30.694 ng/ul

RT: 13.457 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

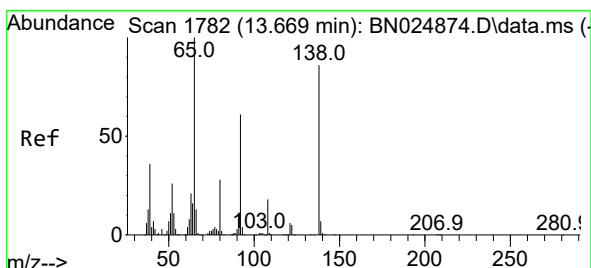
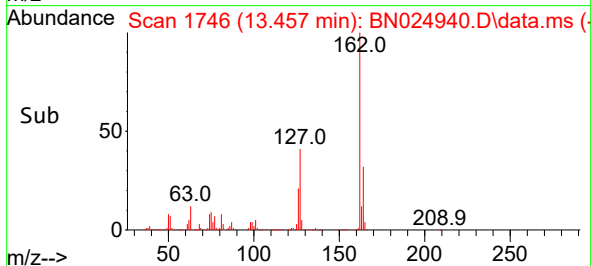
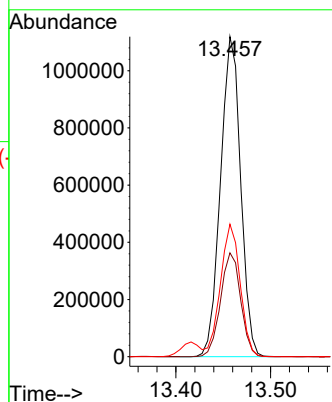
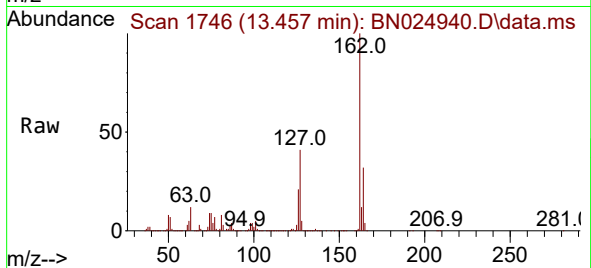
Tgt Ion:162 Resp: 1655913

Ion Ratio Lower Upper

162 100

164 32.4 25.9 38.9

127 41.4 32.9 49.3



#45

2-Nitroaniline

Concen: 32.980 ng/ul

RT: 13.669 min Scan# 1782

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

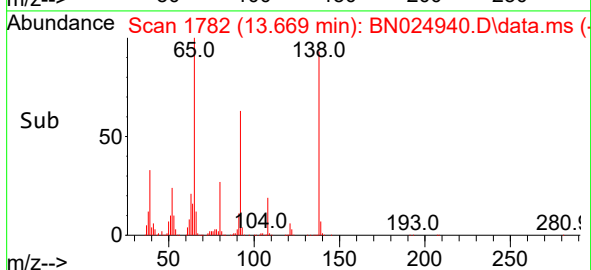
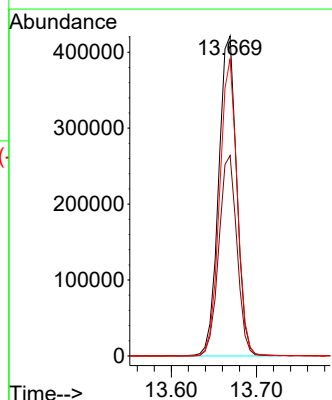
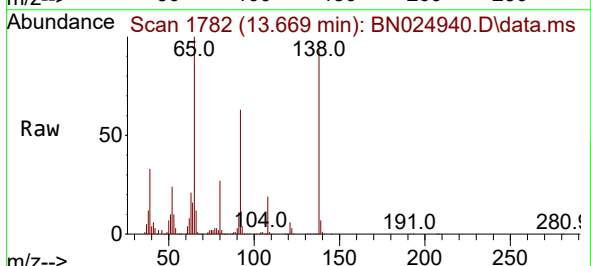
Tgt Ion: 65 Resp: 621300

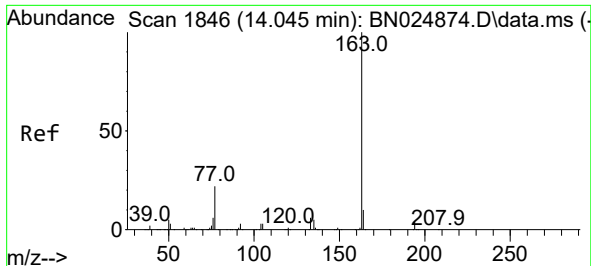
Ion Ratio Lower Upper

65 100

92 62.7 50.7 76.1

138 92.8 71.4 107.2

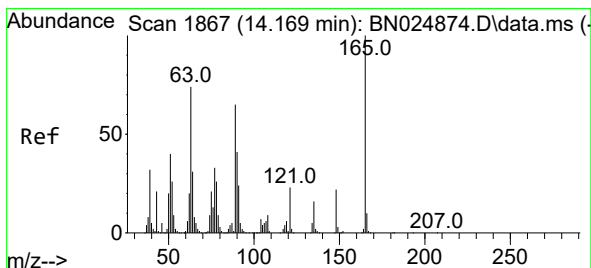
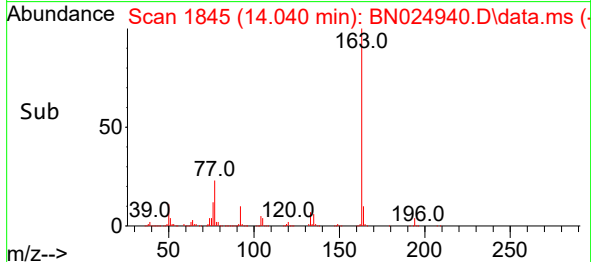
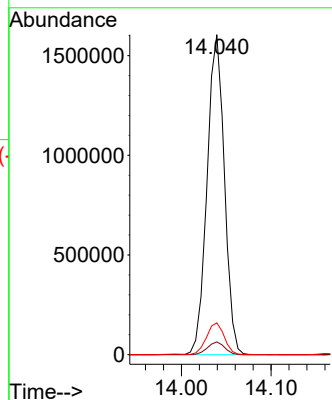
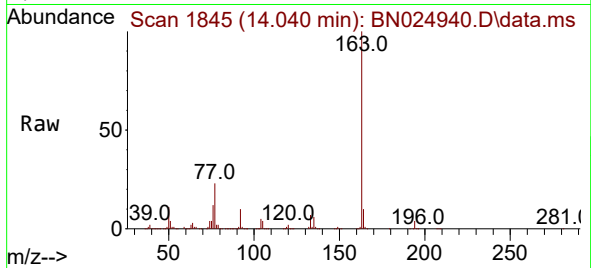




#47
Dimethylphthalate
Concen: 31.619 ng/ul
RT: 14.040 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

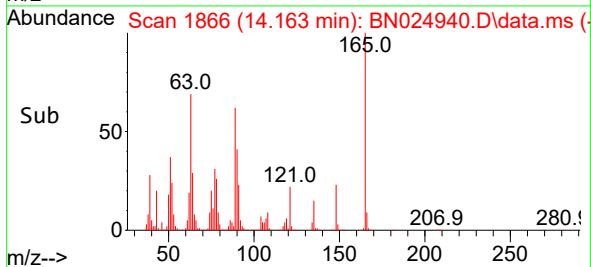
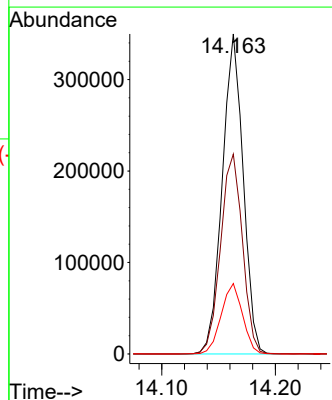
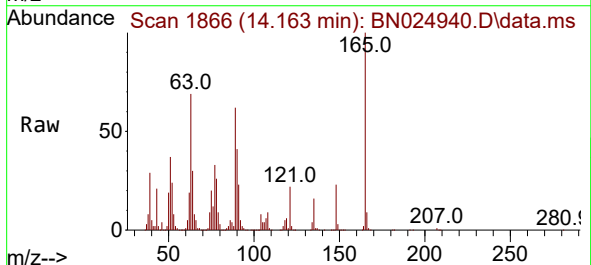
Instrument :
BNA_N
ClientSampleId :
SLCS119

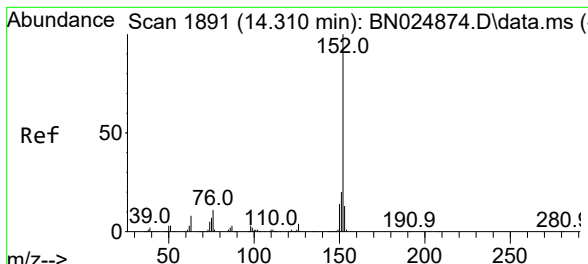
Tgt Ion:163 Resp: 2150673
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 33.695 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:165 Resp: 447357
Ion Ratio Lower Upper
165 100
89 62.4 49.8 74.8
121 22.0 17.2 25.8



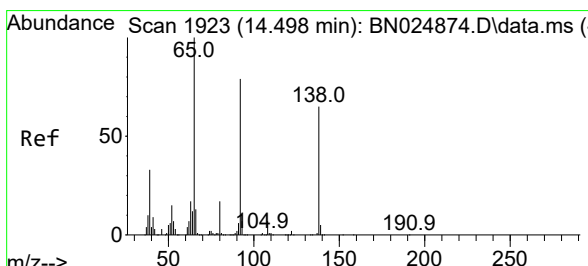
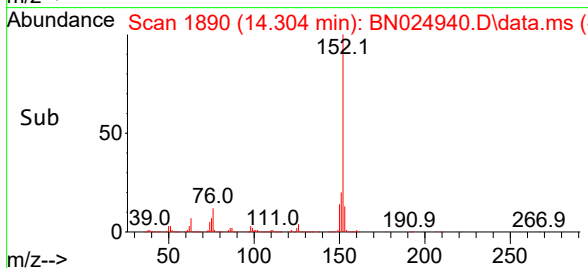
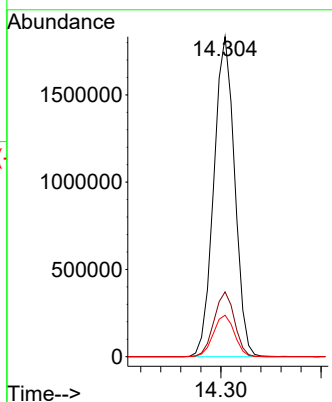
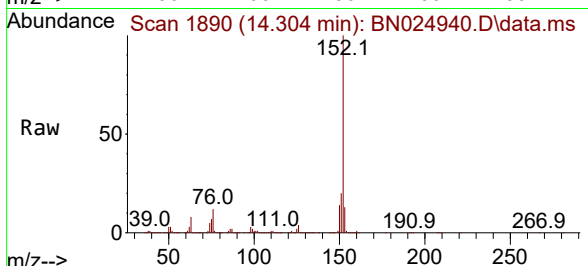


#50
Acenaphthylene
Concen: 31.088 ng/ul
RT: 14.304 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Instrument : BNA_N
ClientSampleId : SLCS119

Tgt Ion:152 Resp: 2645202

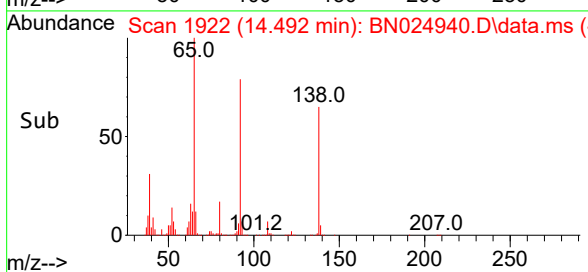
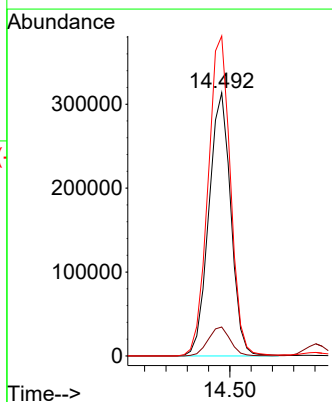
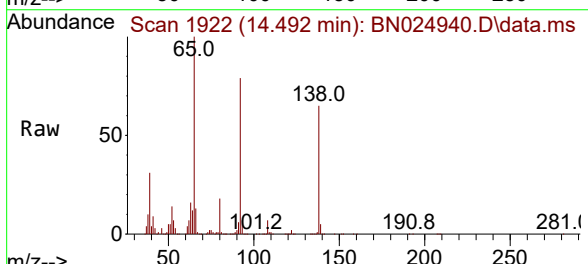
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.0	10.6	16.0

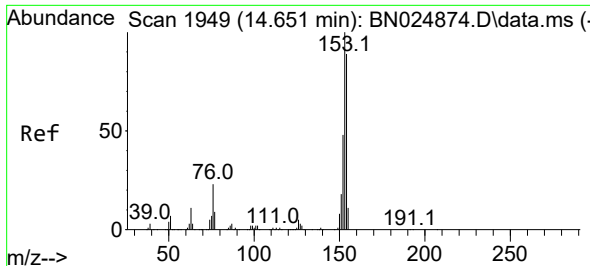


#51
3-Nitroaniline
Concen: 32.179 ng/ul
RT: 14.492 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:138 Resp: 448954

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	12.8
92	121.6	99.5	149.3

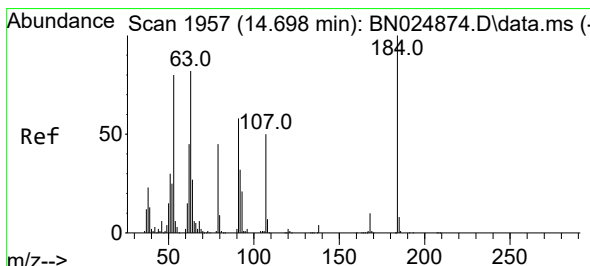
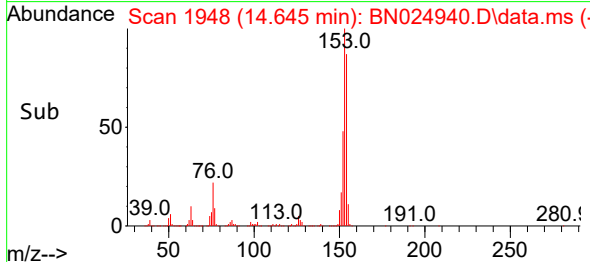
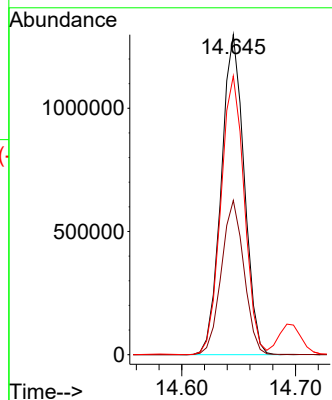
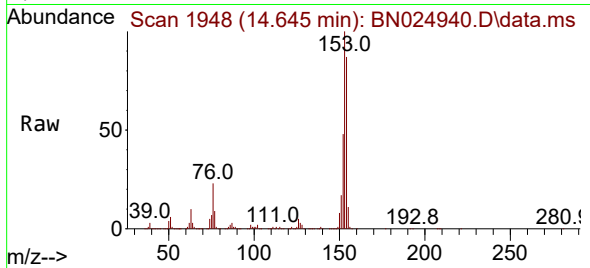




#52
Acenaphthene
Concen: 30.964 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

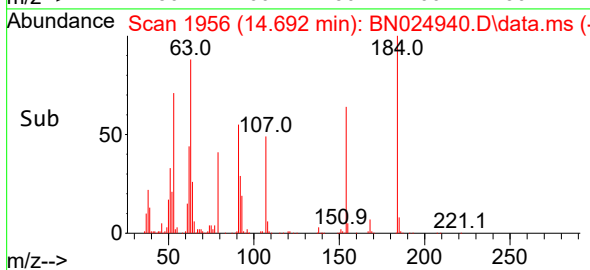
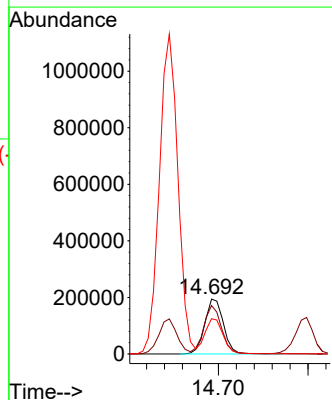
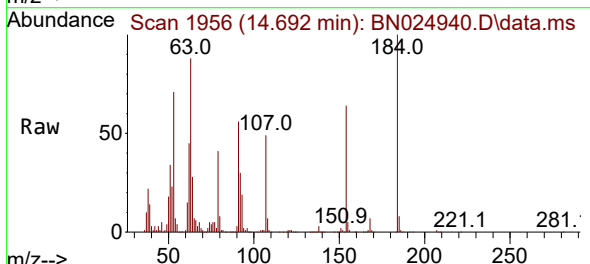
Instrument :
BNA_N
ClientSampleId :
SLCS119

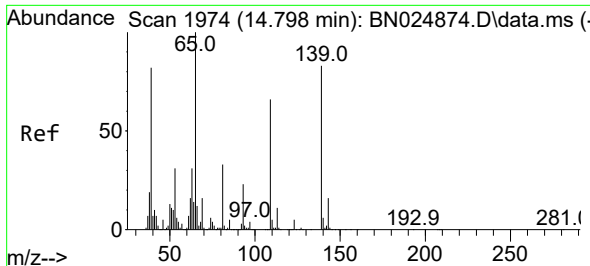
Tgt Ion:153 Resp: 1821440
Ion Ratio Lower Upper
153 100
152 48.2 38.8 58.2
154 87.1 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 32.817 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:184 Resp: 280137
Ion Ratio Lower Upper
184 100
63 88.4 62.6 93.8
154 64.0 50.9 76.3

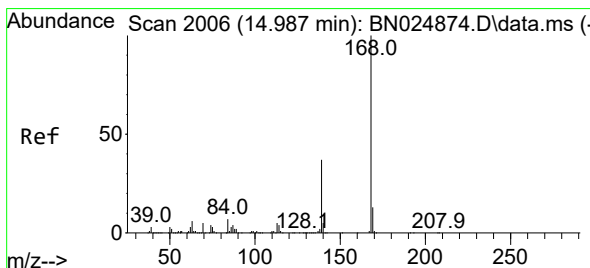
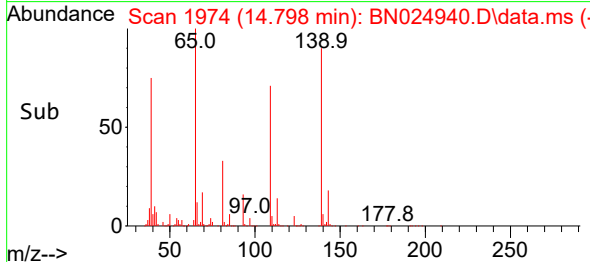
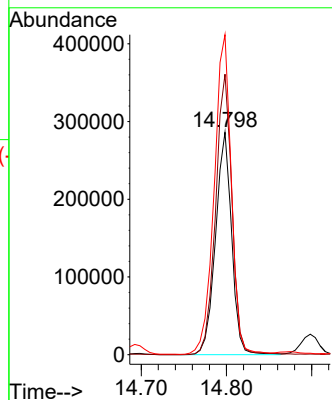
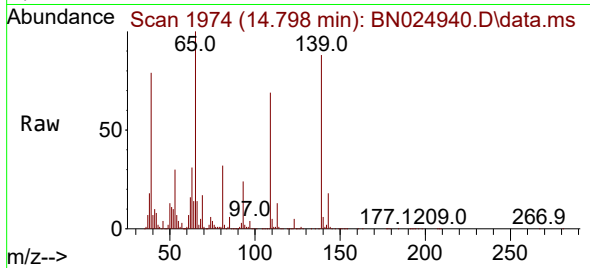




#55
4-Nitrophenol
Concen: 33.330 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

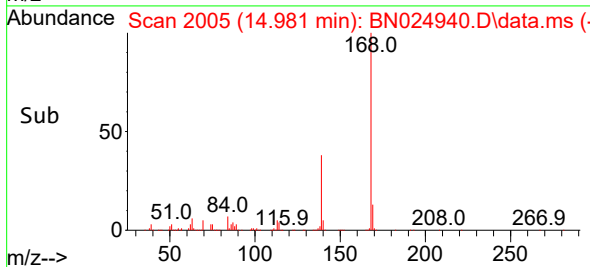
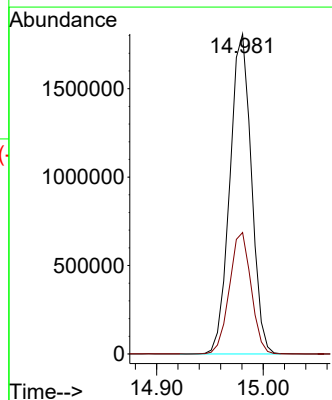
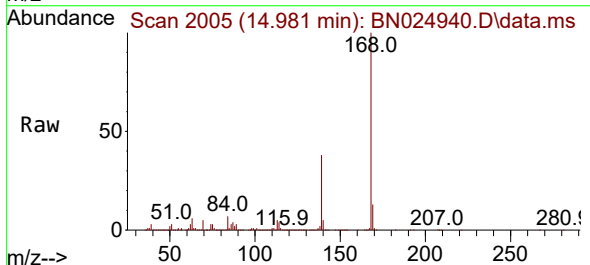
Instrument :
BNA_N
ClientSampleId :
SLCS119

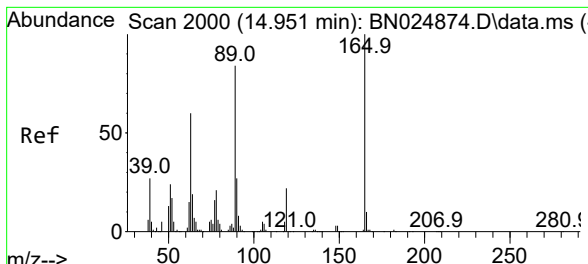
Tgt Ion:109 Resp: 375910
Ion Ratio Lower Upper
109 100
139 126.2 104.3 156.5
65 143.9 124.3 186.5



#56
Dibenzofuran
Concen: 31.378 ng/ul
RT: 14.981 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:168 Resp: 2544108
Ion Ratio Lower Upper
168 100
139 37.9 32.1 48.1



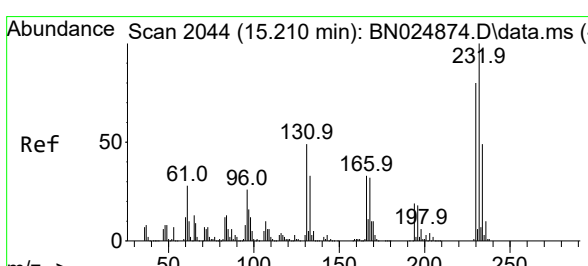
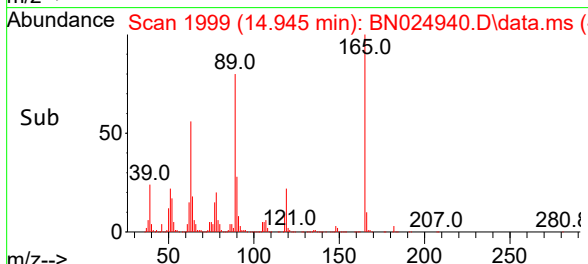
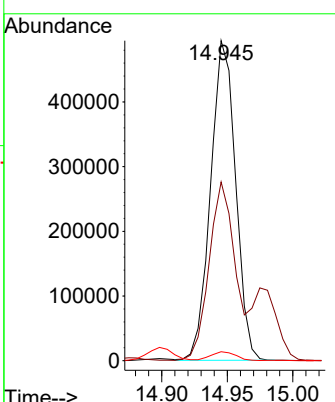
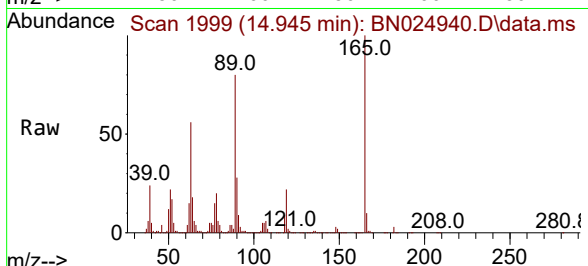


#57
 2,4-Dinitrotoluene
 Concen: 34.060 ng/ul
 RT: 14.945 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

Tgt Ion:165 Resp: 654588

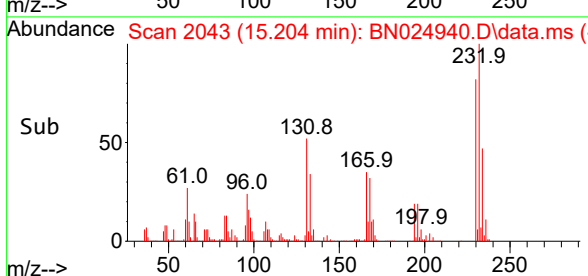
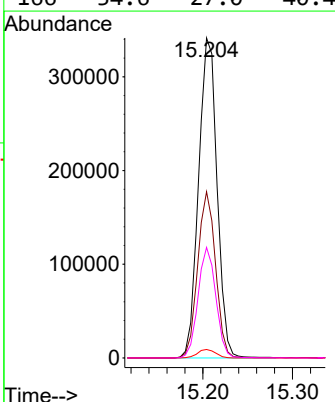
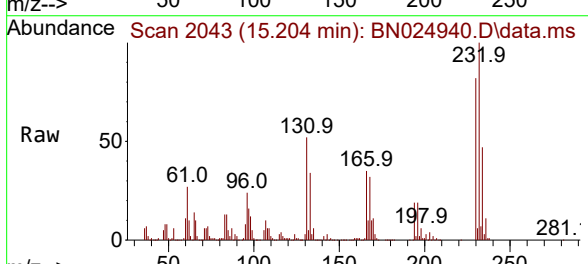
Ion	Ratio	Lower	Upper
165	100		
63	55.8	45.4	68.0
182	2.8	2.2	3.2

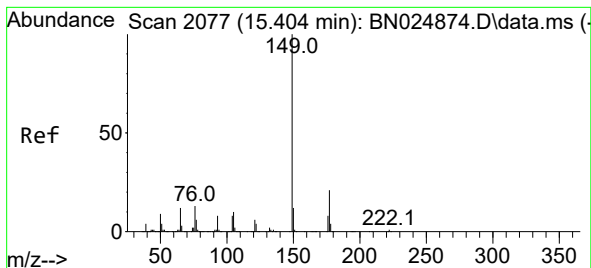


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.166 ng/ul
 RT: 15.204 min Scan# 2043
 Delta R.T. -0.006 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

Tgt Ion:232 Resp: 488100

Ion	Ratio	Lower	Upper
232	100		
131	52.0	40.6	61.0
130	2.6	2.2	3.2
166	34.6	27.0	40.4





#59

Diethylphthalate

Concen: 32.350 ng/ul

RT: 15.404 min Scan# 2077

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

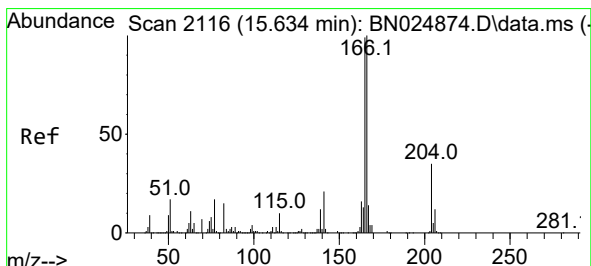
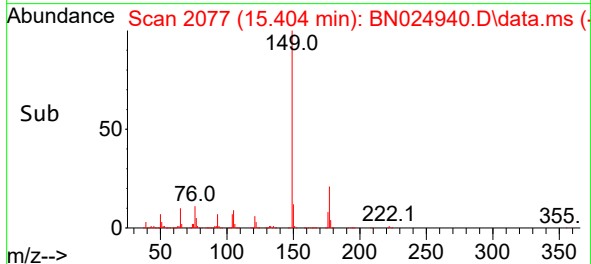
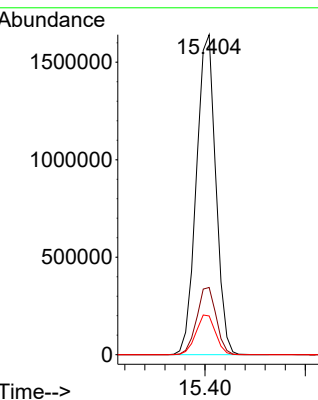
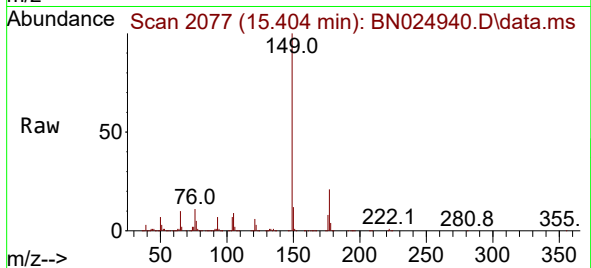
Tgt Ion:149 Resp: 2211038

Ion Ratio Lower Upper

149 100

177 21.0 16.6 24.8

150 12.1 10.1 15.1



#61

Fluorene

Concen: 31.727 ng/ul

RT: 15.628 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

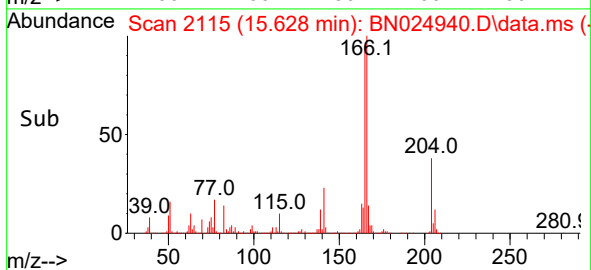
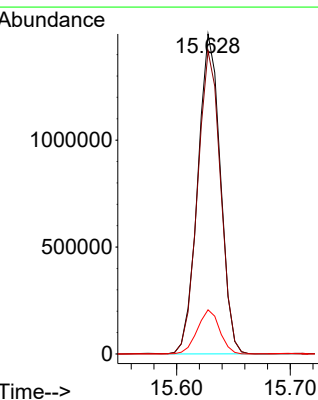
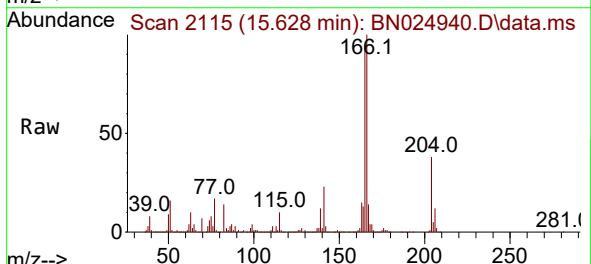
Tgt Ion:166 Resp: 2069105

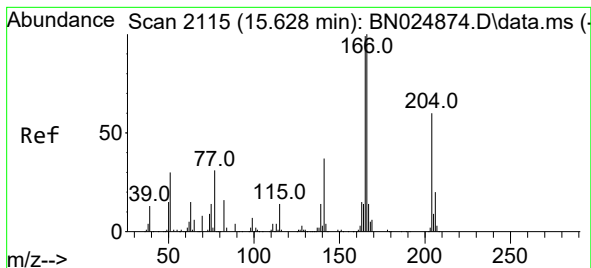
Ion Ratio Lower Upper

166 100

165 94.7 79.1 118.7

167 13.8 10.8 16.2

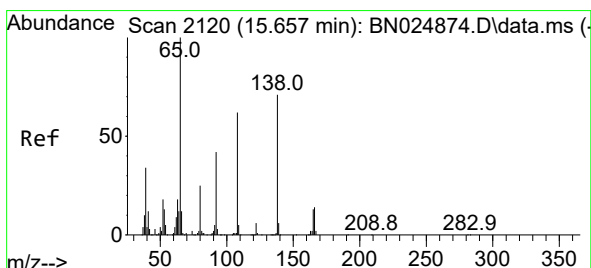
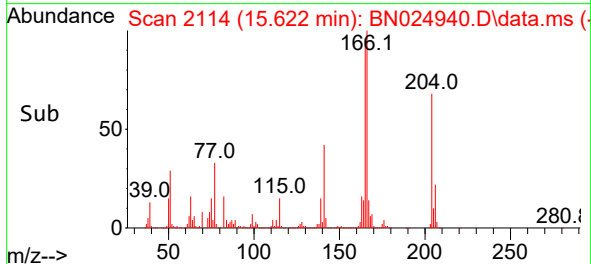
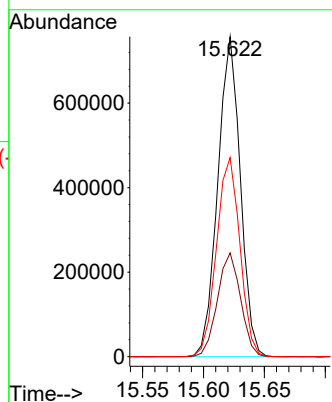
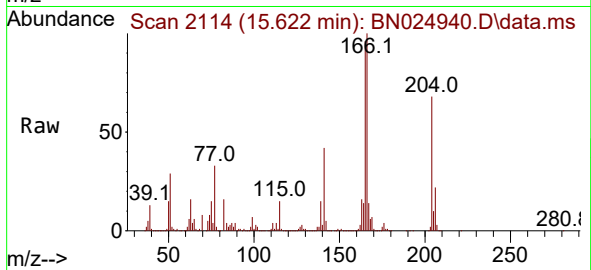




#62
4-Chlorophenyl-phenylether
Concen: 32.127 ng/ul
RT: 15.622 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

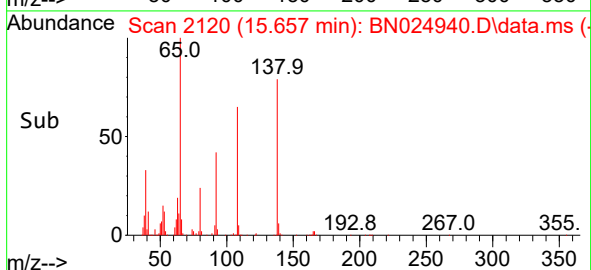
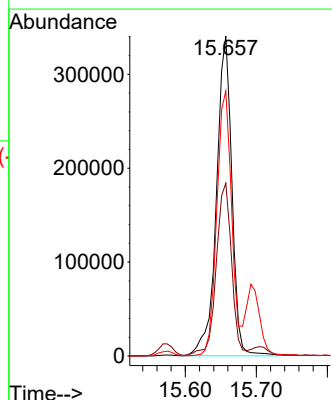
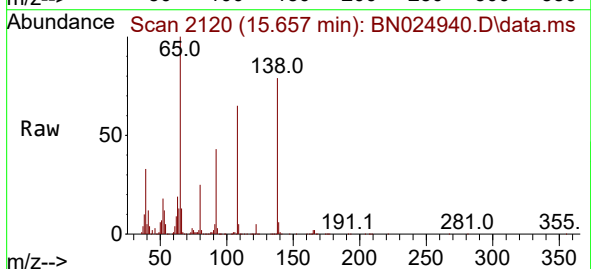
Instrument :
BNA_N
ClientSampleId :
SLCS119

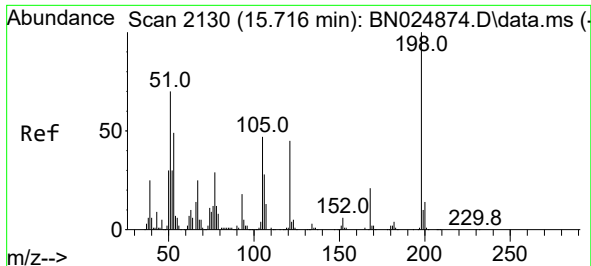
Tgt Ion:204 Resp: 975215
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 62.2 51.8 77.8



#63
4-Nitroaniline
Concen: 37.449 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:138 Resp: 514899
Ion Ratio Lower Upper
138 100
92 54.0 43.3 64.9
108 82.8 64.2 96.4

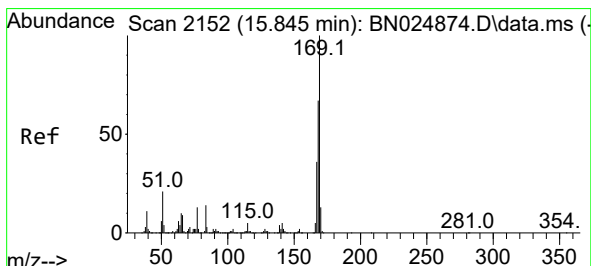
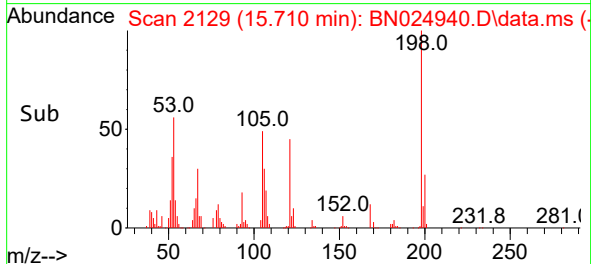
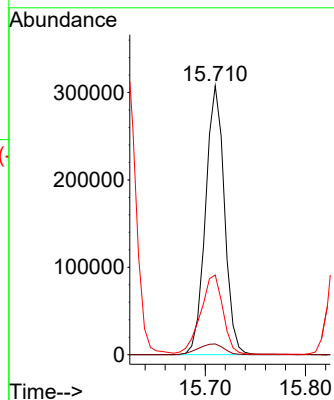
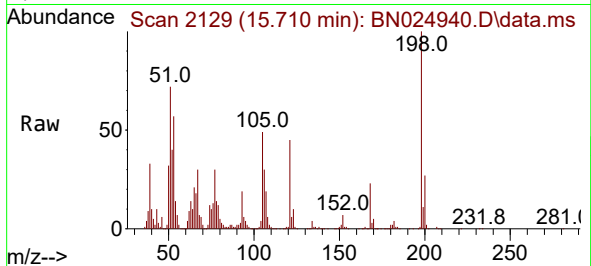




#66
 4,6-Dinitro-2-methylphenol
 Concen: 32.900 ng/ul
 RT: 15.710 min Scan# 2129
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

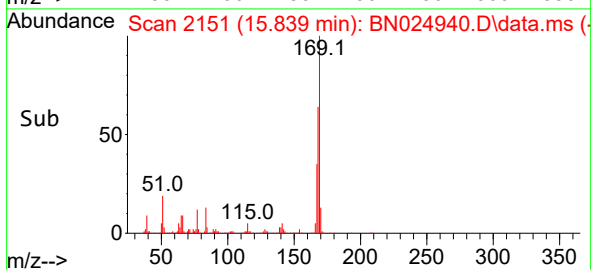
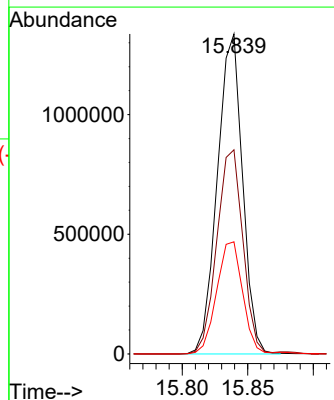
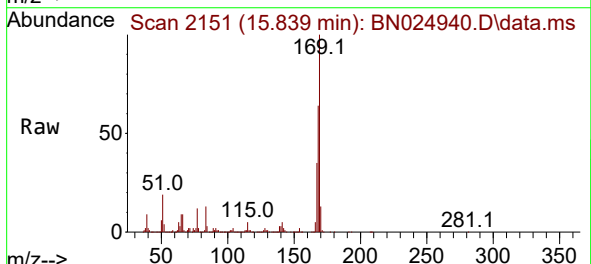
Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

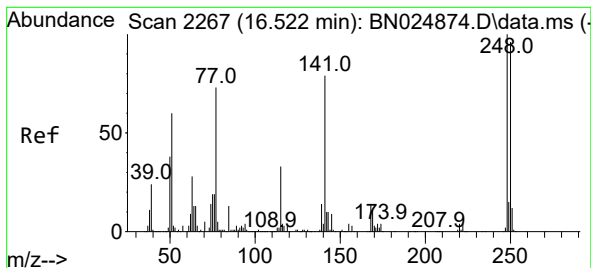
Tgt Ion:198 Resp: 403921
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.4 5.0
 77 29.6 23.7 35.5



#67
 N-Nitrosodiphenylamine
 Concen: 30.527 ng/ul
 RT: 15.839 min Scan# 2151
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

Tgt Ion:169 Resp: 1783586
 Ion Ratio Lower Upper
 169 100
 168 63.8 54.3 81.5
 167 35.1 27.6 41.4

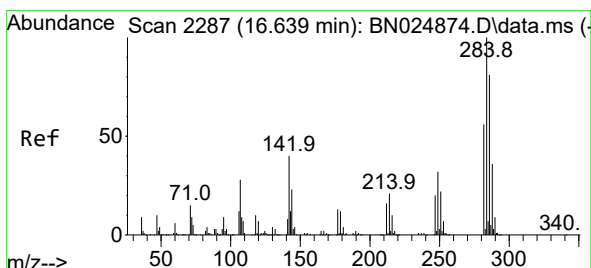
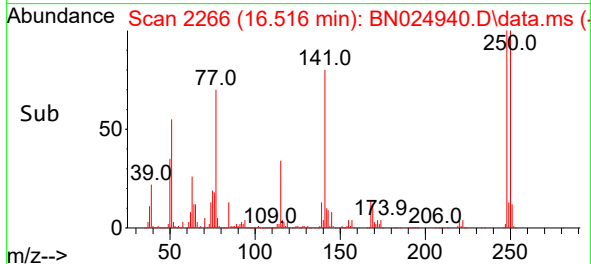
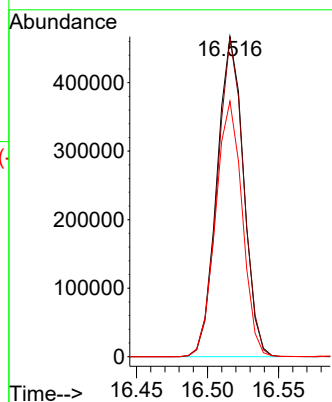
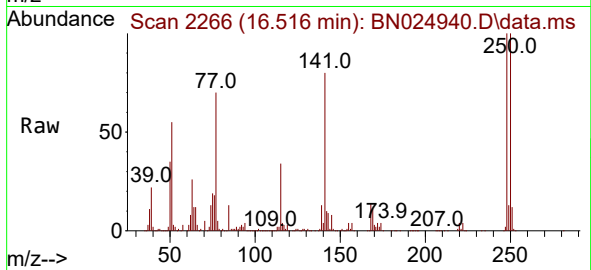




#68
4-Bromophenyl-phenylether
Concen: 31.517 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

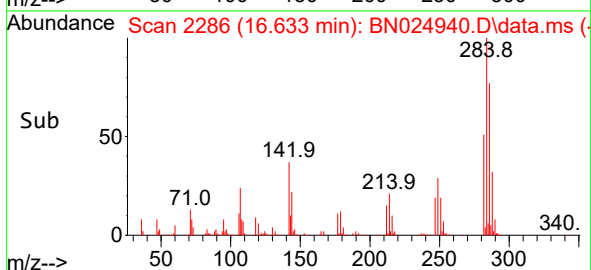
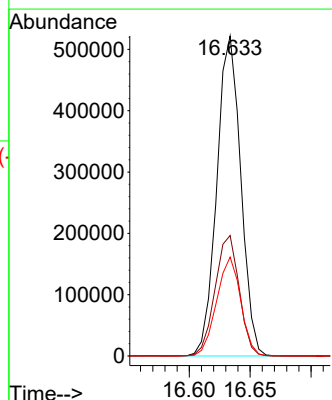
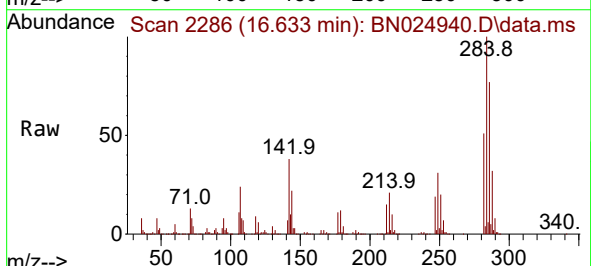
Instrument :
BNA_N
ClientSampleId :
SLCS119

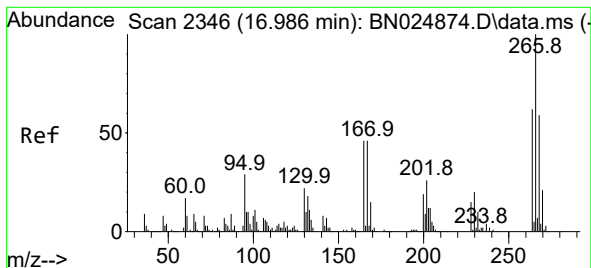
Tgt Ion:248 Resp: 610099
Ion Ratio Lower Upper
248 100
250 99.6 77.1 115.7
141 79.8 62.3 93.5



#69
Hexachlorobenzene
Concen: 32.616 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:284 Resp: 714849
Ion Ratio Lower Upper
284 100
142 37.7 31.0 46.6
249 30.9 25.1 37.7





#71

Pentachlorophenol

Concen: 30.028 ng/ul

RT: 16.975 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

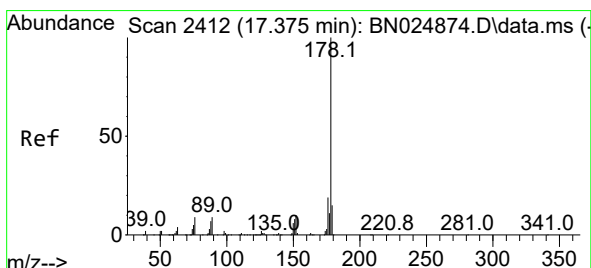
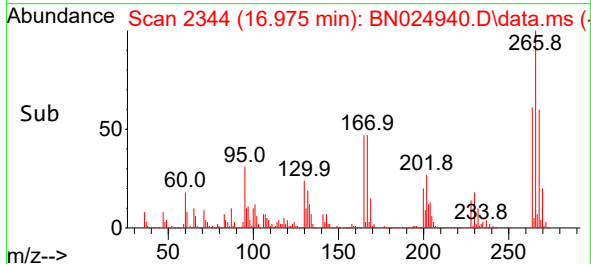
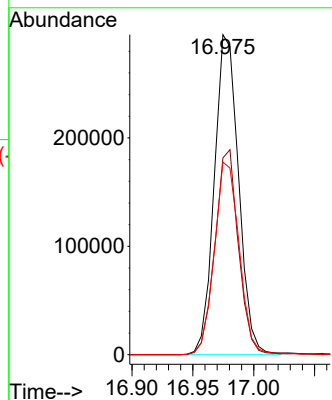
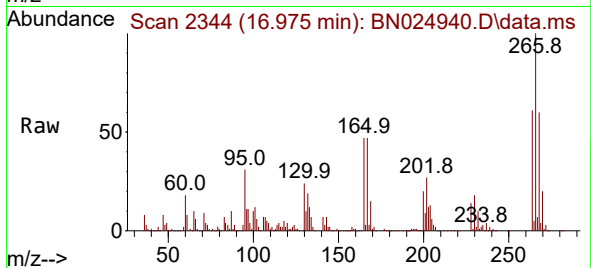
Tgt Ion:266 Resp: 409069

Ion Ratio Lower Upper

266 100

264 61.5 52.7 79.1

268 60.2 51.4 77.0



#72

Phenanthrene

Concen: 31.365 ng/ul

RT: 17.369 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

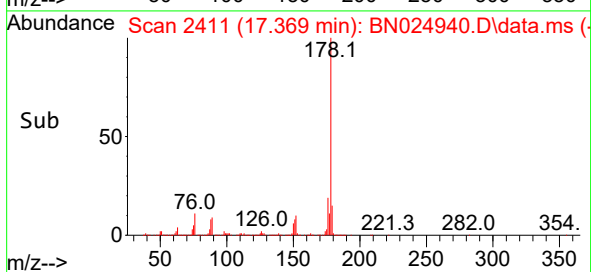
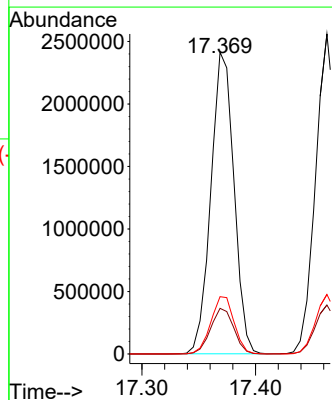
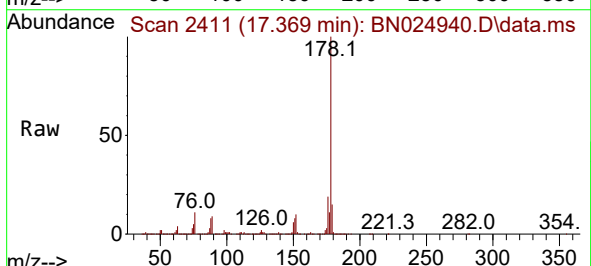
Tgt Ion:178 Resp: 3408651

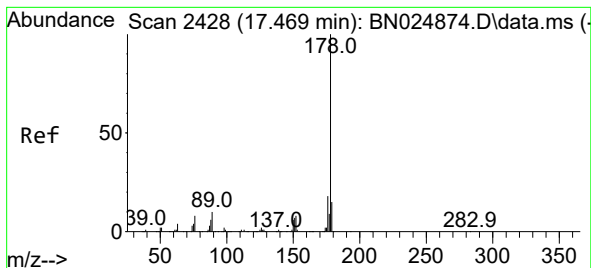
Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

176 19.0 15.2 22.8





#74

Anthracene

Concen: 31.317 ng/uI

RT: 17.463 min Scan# 2428

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

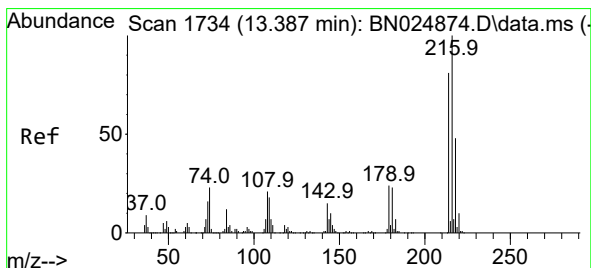
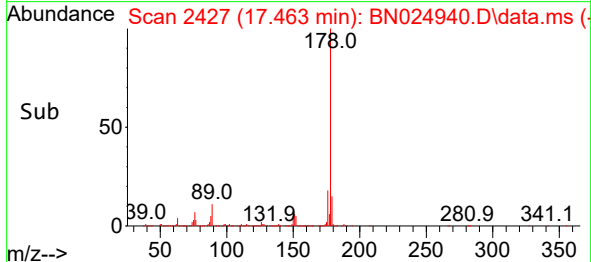
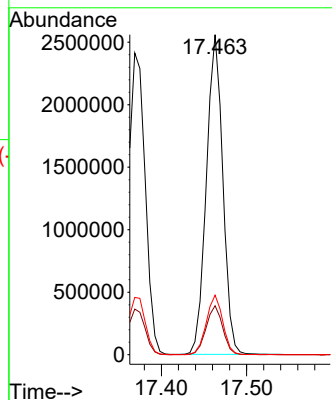
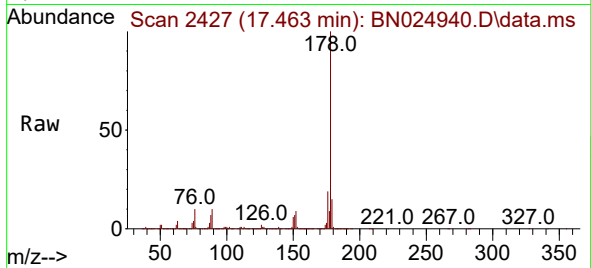
Tgt Ion:178 Resp: 3429575

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.6 14.6 21.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.719 ng/uI

RT: 13.381 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

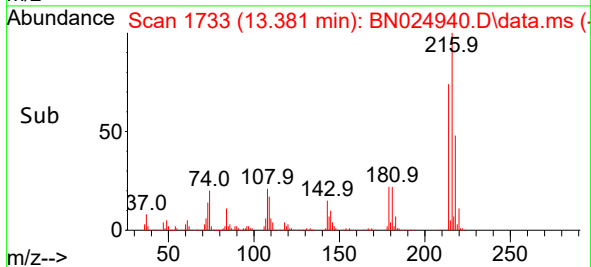
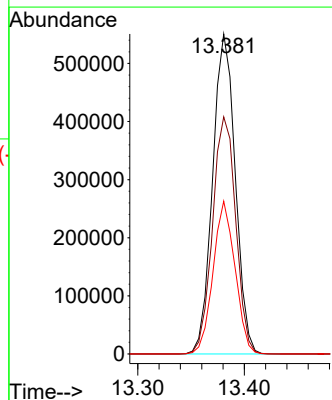
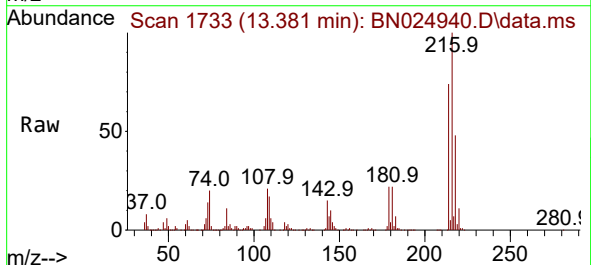
Tgt Ion:216 Resp: 814050

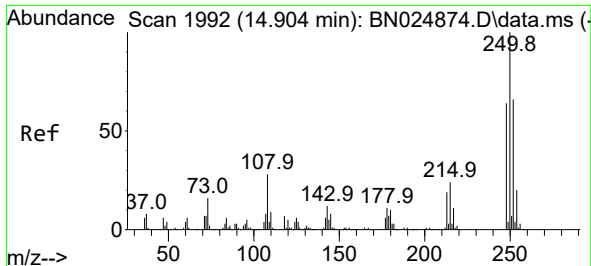
Ion Ratio Lower Upper

216 100

214 74.1 62.5 93.7

218 47.7 37.7 56.5

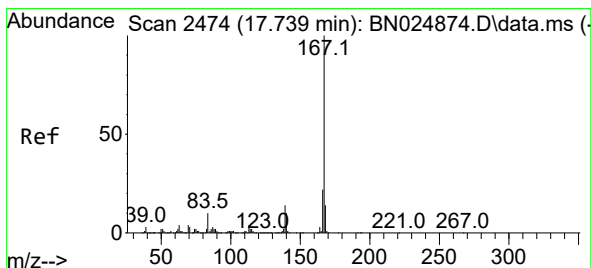
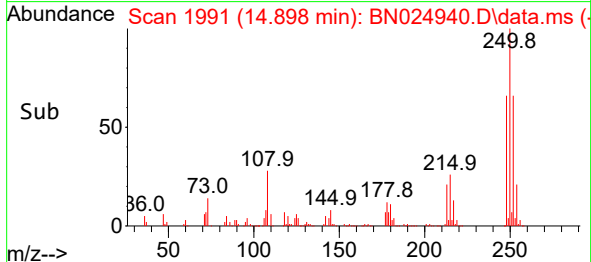
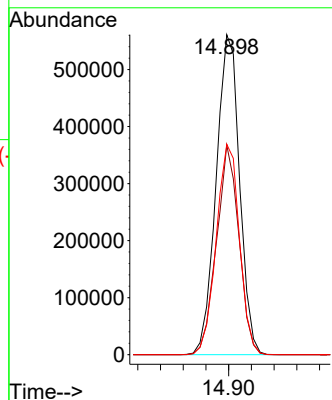
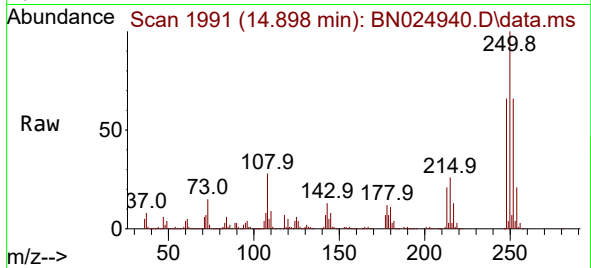




#76
 Pentachlorobenzene
 Concen: 30.641 ng/uL
 RT: 14.898 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

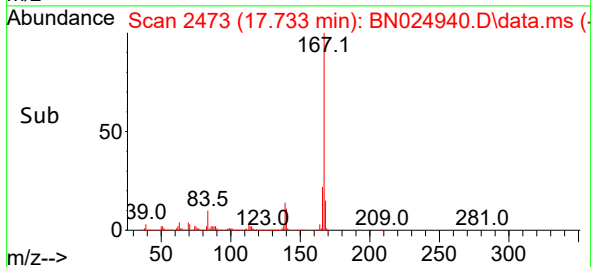
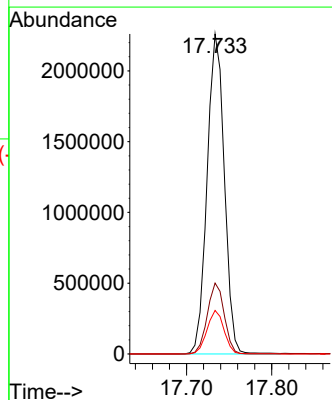
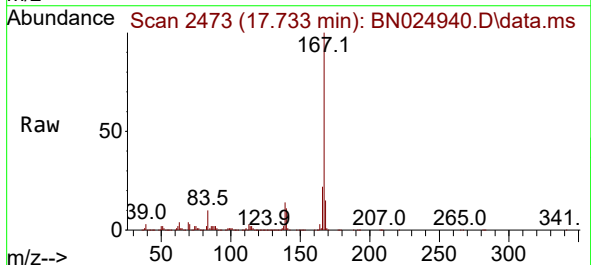
Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

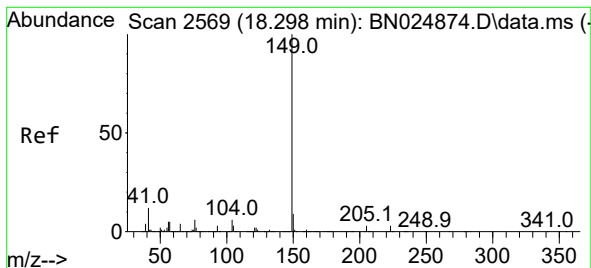
Tgt Ion:250 Resp: 803030
 Ion Ratio Lower Upper
 250 100
 248 65.5 50.8 76.2
 252 65.7 51.8 77.6



#77
 Carbazole
 Concen: 32.164 ng/uL
 RT: 17.733 min Scan# 2473
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

Tgt Ion:167 Resp: 3180367
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.6 24.8
 139 13.6 10.2 15.4





#78

Di-n-butylphthalate

Concen: 33.595 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

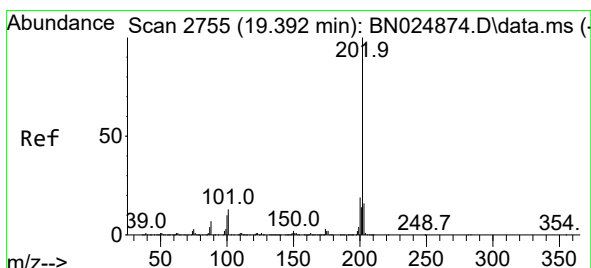
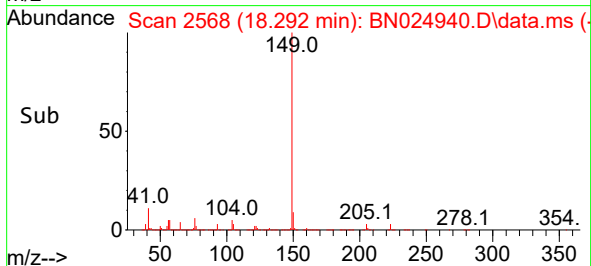
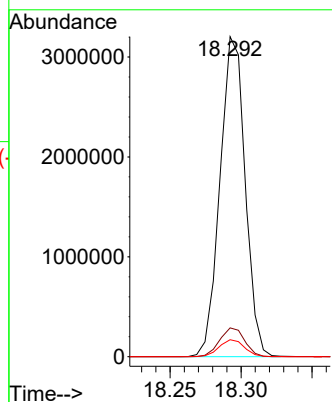
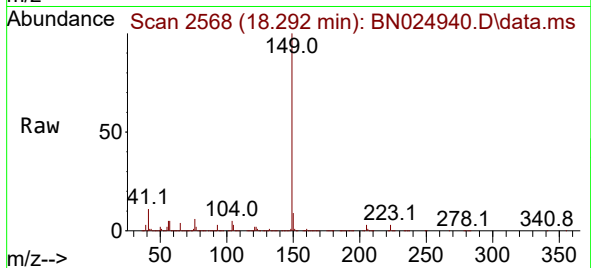
Tgt Ion:149 Resp: 3942949

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.3 4.2 6.4



#80

Fluoranthene

Concen: 32.292 ng/ul

RT: 19.386 min Scan# 2754

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

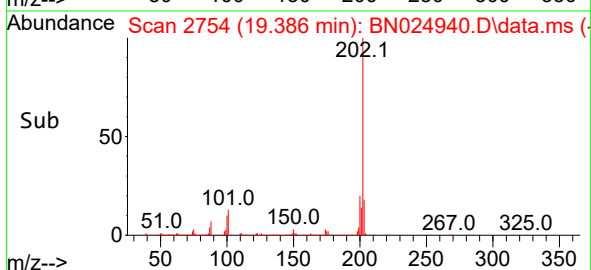
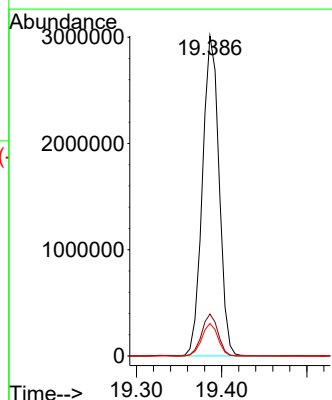
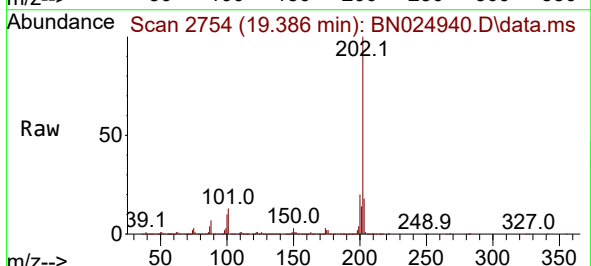
Tgt Ion:202 Resp: 4077003

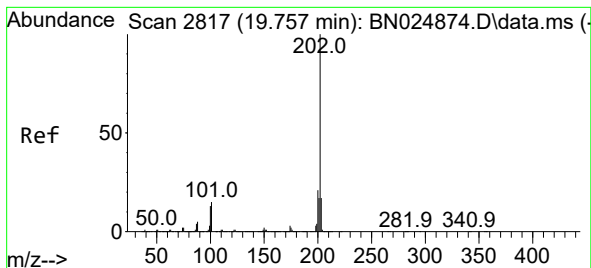
Ion Ratio Lower Upper

202 100

101 13.1 10.7 16.1

100 10.2 7.9 11.9





#82

Pyrene

Concen: 31.617 ng/ul

RT: 19.751 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

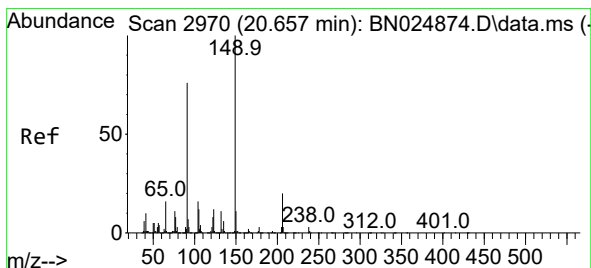
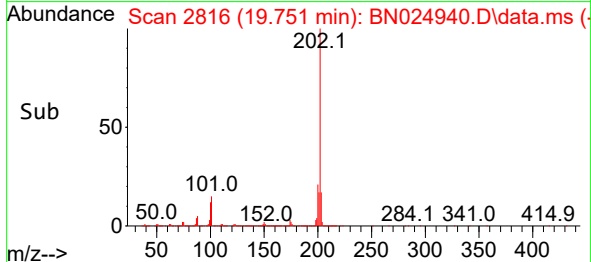
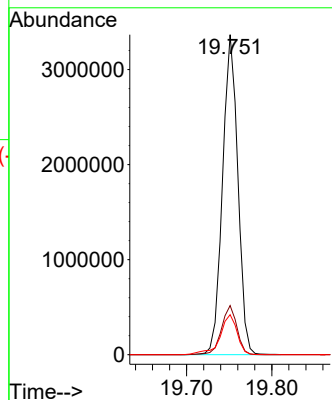
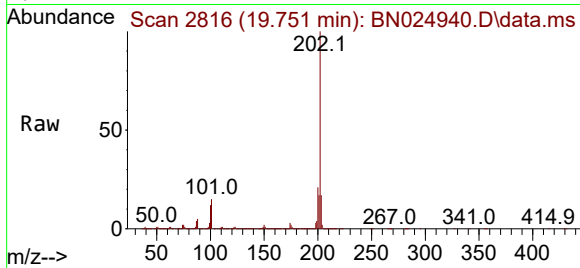
Tgt Ion:202 Resp: 4201778

Ion Ratio Lower Upper

202 100

101 15.3 13.0 19.6

100 12.5 11.0 16.6



#83

Butylbenzylphthalate

Concen: 33.943 ng/ul

RT: 20.651 min Scan# 2969

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

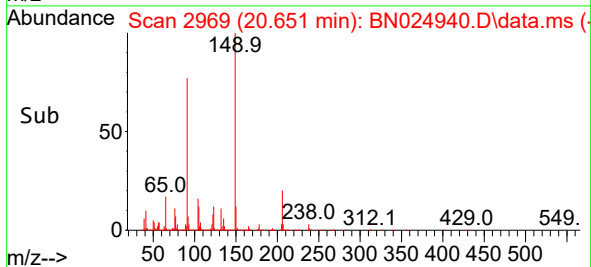
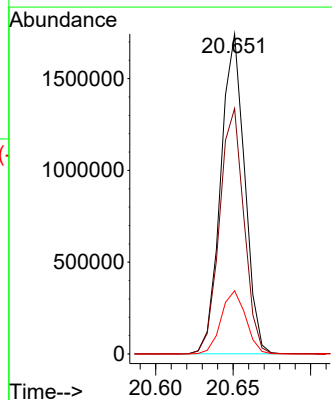
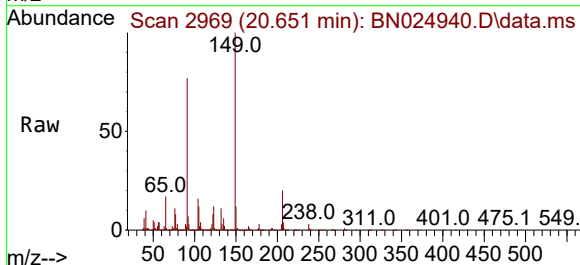
Tgt Ion:149 Resp: 1872781

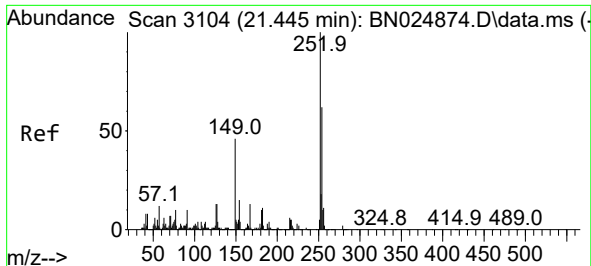
Ion Ratio Lower Upper

149 100

91 76.7 62.6 93.8

206 19.7 16.2 24.2

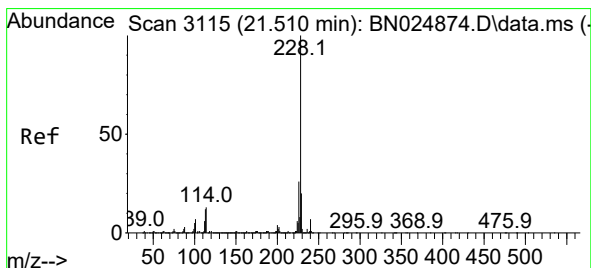
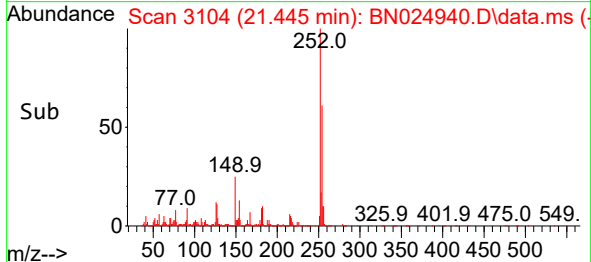
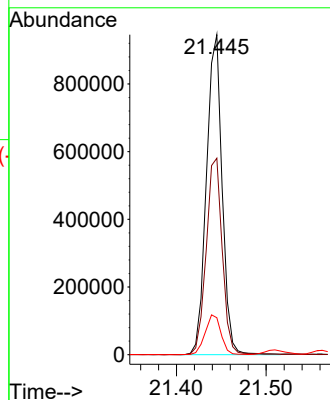
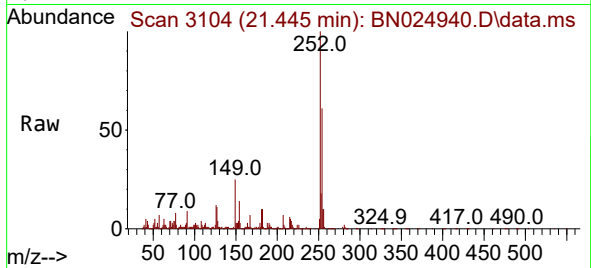




#84
3,3'-Dichlorobenzidine
Concen: 27.508 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

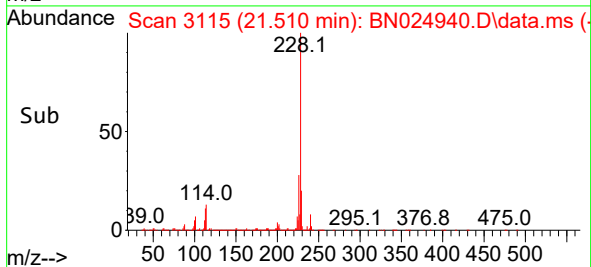
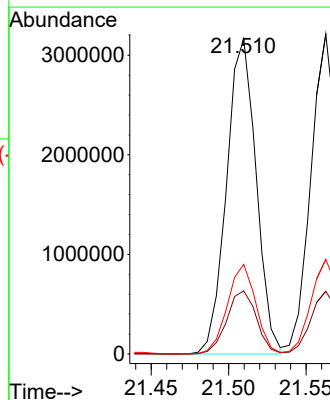
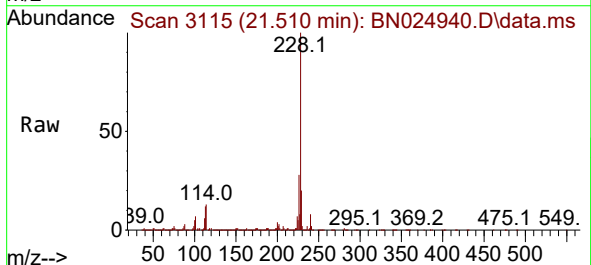
Instrument :
BNA_N
ClientSampleId :
SLCS119

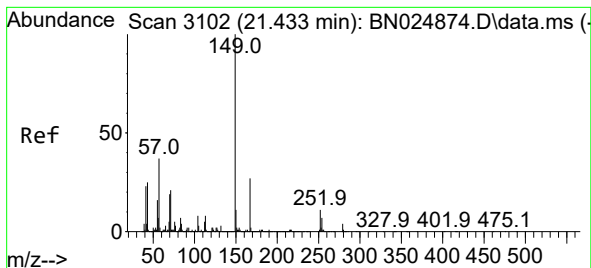
Tgt Ion:252 Resp: 1144996
Ion Ratio Lower Upper
252 100
254 61.4 52.2 78.2
126 11.6 11.4 17.2



#85
Benzo(a)anthracene
Concen: 32.237 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN024940.D
Acq: 15 Apr 2023 18:18

Tgt Ion:228 Resp: 4200311
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.5 20.7 31.1

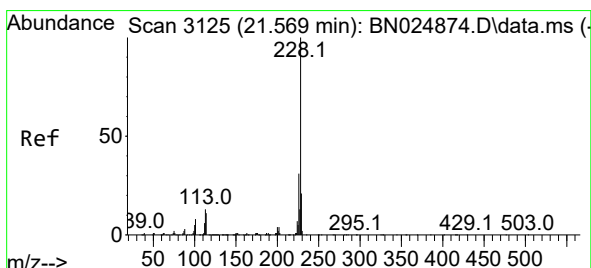
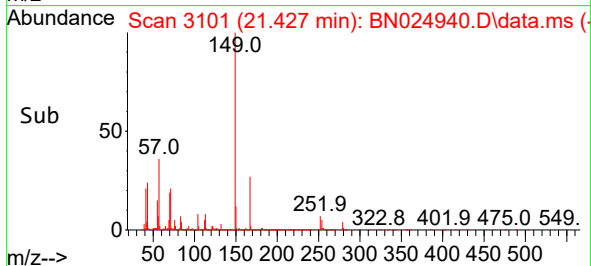
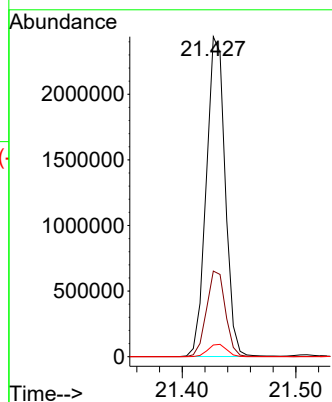
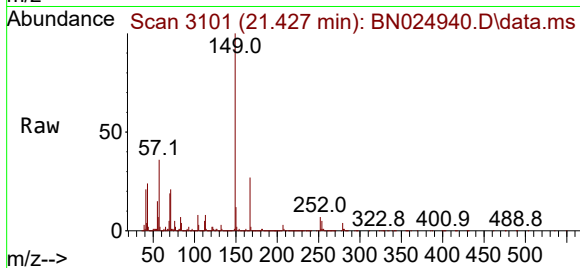




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 34.058 ng/ul
 RT: 21.427 min Scan# 3102
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

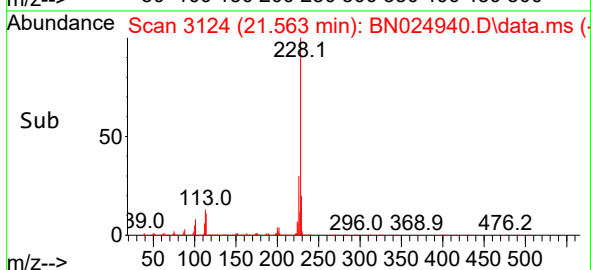
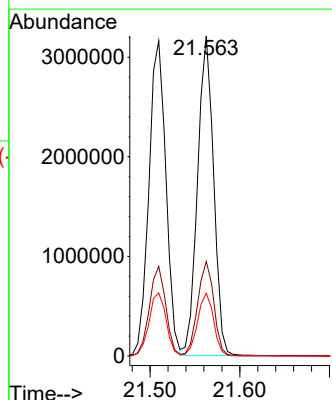
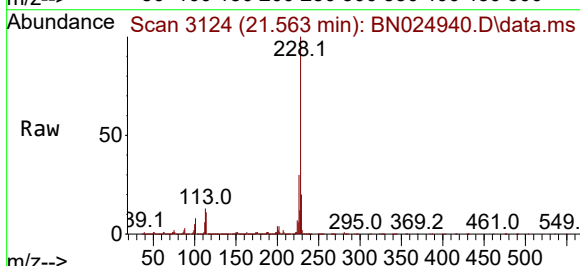
Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

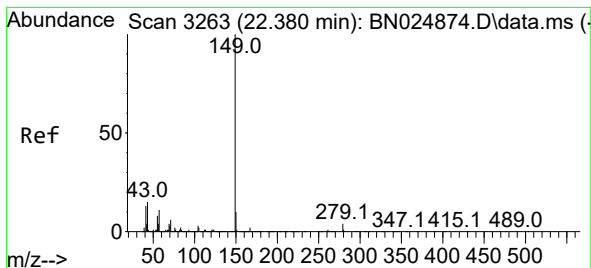
Tgt Ion:149 Resp: 2805192
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.6 2.9 4.3



#87
 Chrysene
 Concen: 32.176 ng/ul
 RT: 21.563 min Scan# 3124
 Delta R.T. -0.000 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

Tgt Ion:228 Resp: 3993170
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.4 33.6
 229 19.6 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 36.545 ng/ul

RT: 22.374 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

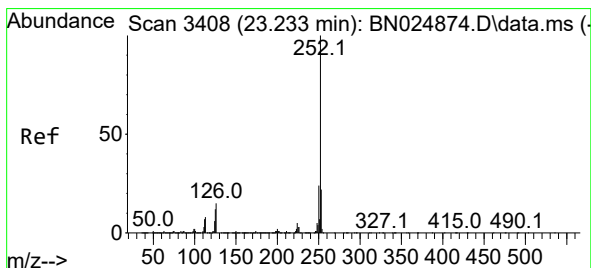
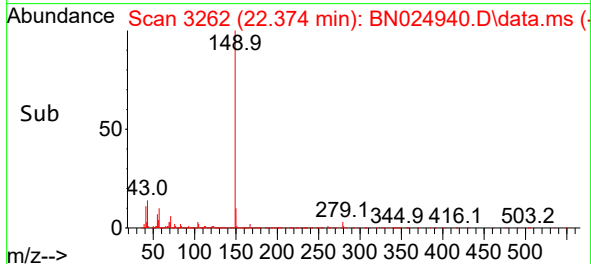
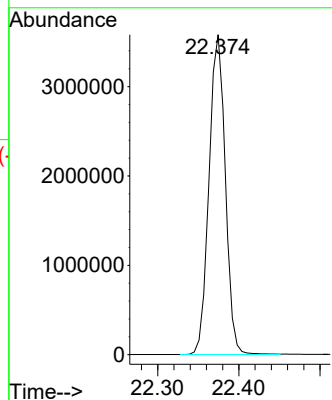
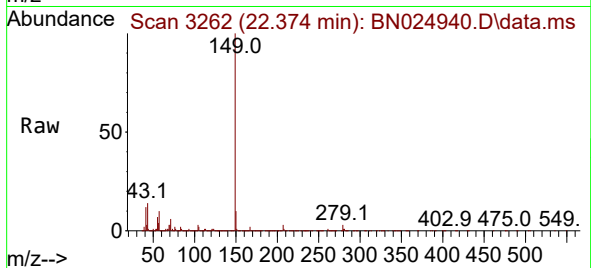
Instrument :

BNA_N

ClientSampleId :

SLCS119

Tgt Ion:149 Resp: 4979403



#90

Benzo(b)fluoranthene

Concen: 33.263 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. 0.006 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

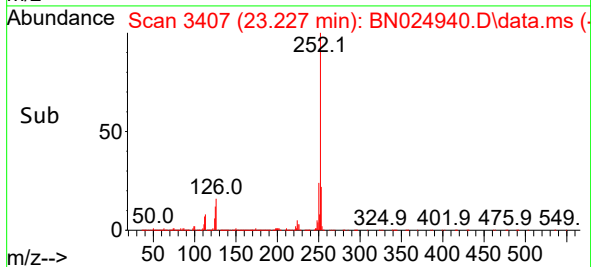
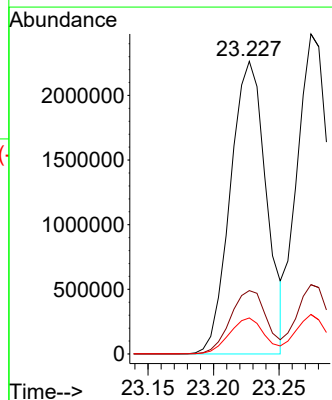
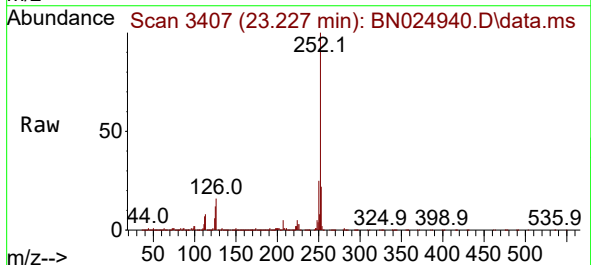
Tgt Ion:252 Resp: 4325001

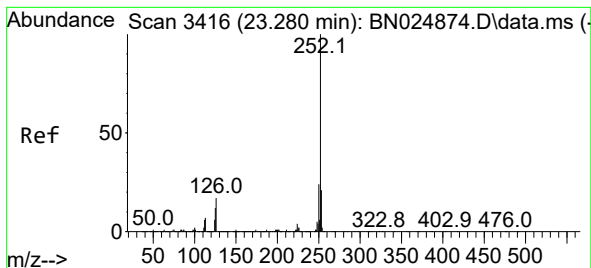
Ion Ratio Lower Upper

252 100

253 21.7 19.2 28.8

125 12.3 10.4 15.6





#91

Benzo(k)fluoranthene

Concen: 32.612 ng/ul

RT: 23.274 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

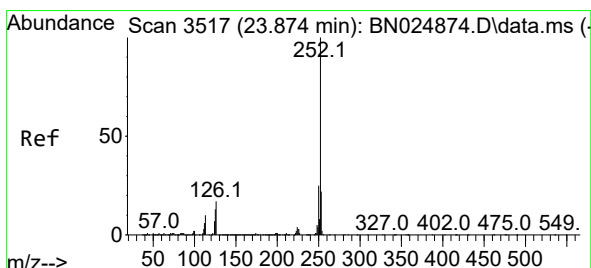
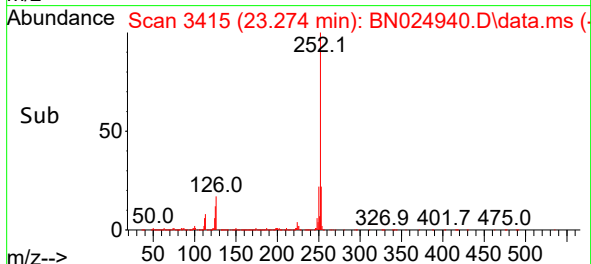
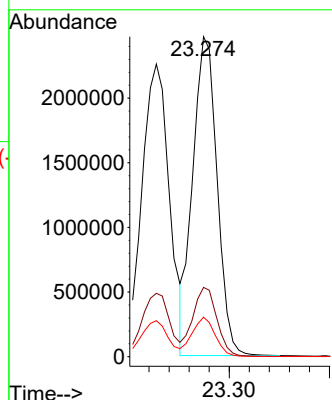
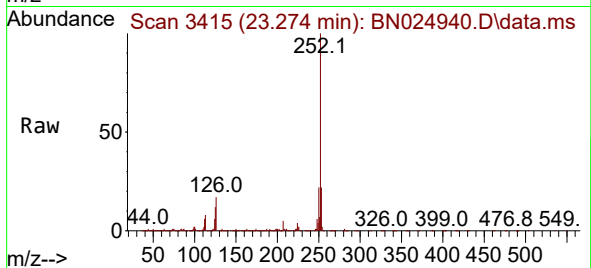
Tgt Ion:252 Resp: 4172522

Ion Ratio Lower Upper

252 100

253 21.7 16.7 25.1

125 12.3 9.3 13.9



#93

Benzo(a)pyrene

Concen: 32.976 ng/ul

RT: 23.874 min Scan# 3517

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

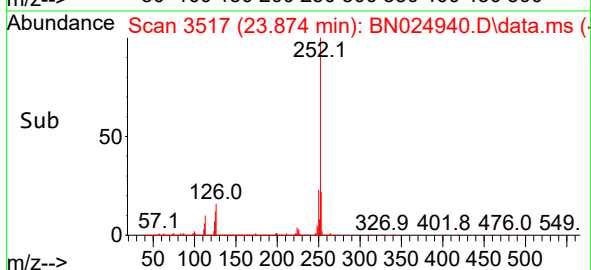
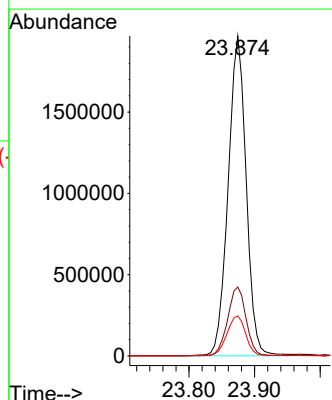
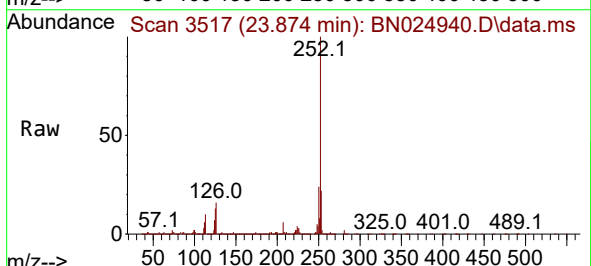
Tgt Ion:252 Resp: 3754001

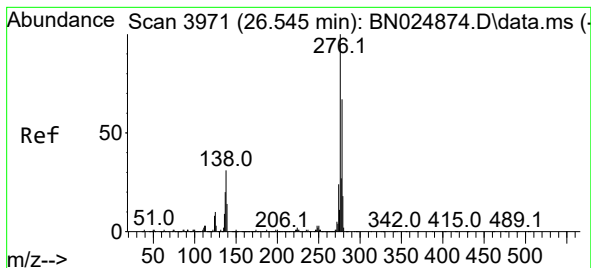
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 12.5 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 31.305 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. -0.000 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

Instrument :

BNA_N

ClientSampleId :

SLCS119

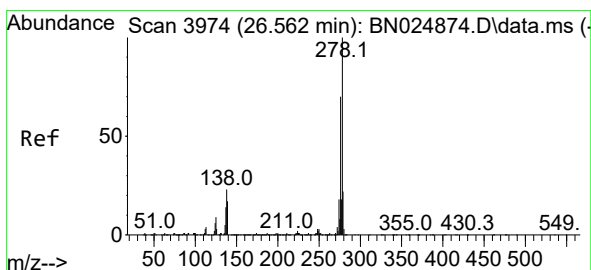
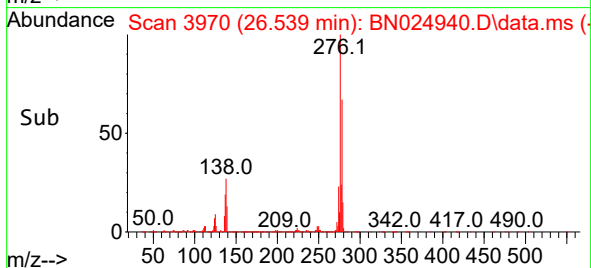
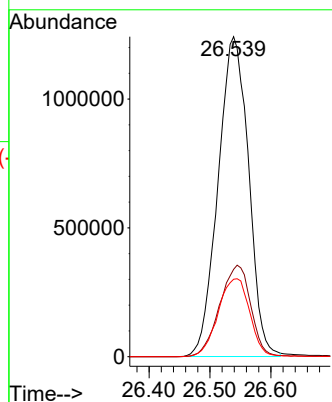
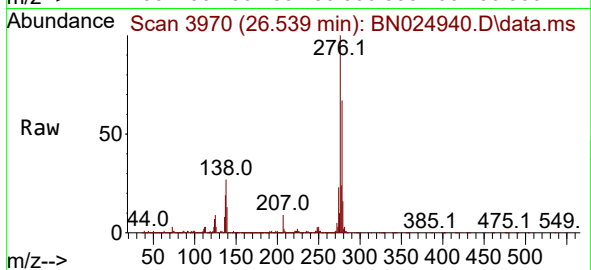
Tgt Ion:276 Resp: 4317869

Ion Ratio Lower Upper

276 100

138 27.3 21.9 32.9

277 24.2 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 31.867 ng/ul

RT: 26.562 min Scan# 3974

Delta R.T. 0.006 min

Lab File: BN024940.D

Acq: 15 Apr 2023 18:18

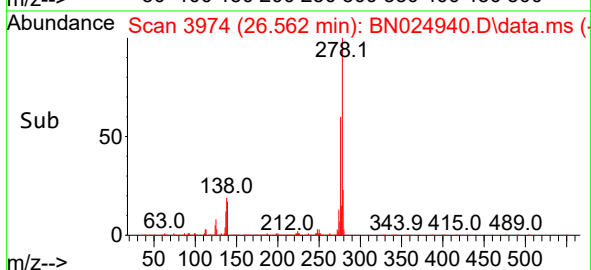
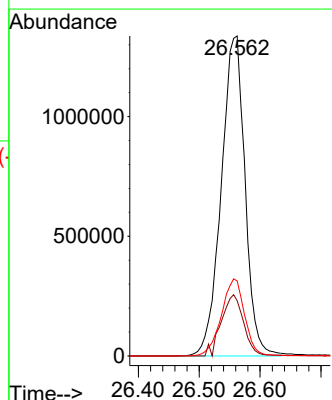
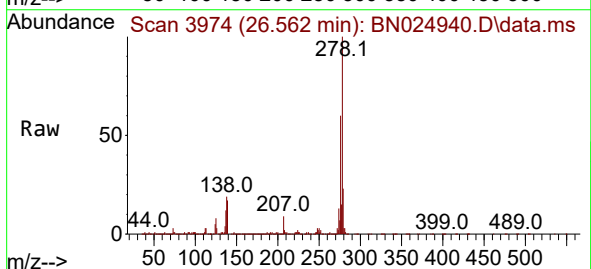
Tgt Ion:278 Resp: 3628743

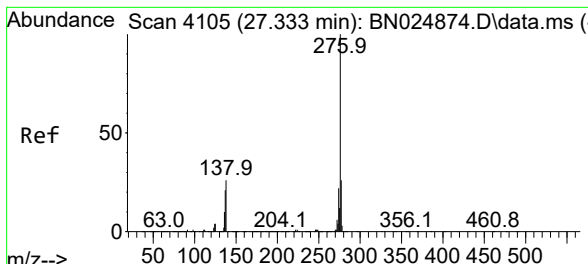
Ion Ratio Lower Upper

278 100

139 17.2 14.6 21.8

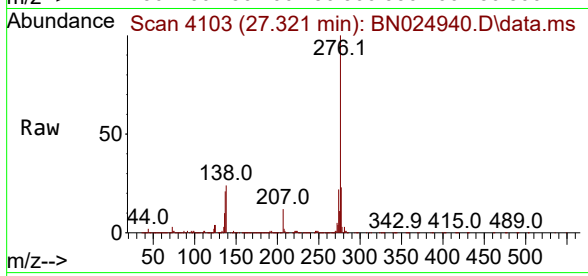
279 23.5 18.2 27.4





#96
 Benzo(g,h,i)perylene
 Concen: 30.639 ng/ul
 RT: 27.321 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BN024940.D
 Acq: 15 Apr 2023 18:18

Instrument :
 BNA_N
 ClientSampleId :
 SLCS119



Tgt Ion:276 Resp: 3429267

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	23.4	17.6	26.4

