

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024946.D
 Acq On : 15 Apr 2023 22:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020274

Quant Time: Apr 17 04:05:39 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	34812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	129237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	68390	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.327	188	138678	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	160076	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	194809	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	5936	6.490	ng/uL	0.00
4) Pyridine-d5	3.763	84	36389	13.286	ng/u1	0.03
7) Phenol-d5	7.099	99	62217	18.332	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	45964	20.248	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	49094	19.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	43002	15.960	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	19680	18.807	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	18744	16.537	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	39384	19.440	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	48030	15.622	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	109509	20.655	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	119967	19.746	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	10576	9.731	ng/u1	0.00
60) Fluorene-d10	15.569	176	98693	22.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	10579	11.722	ng/u1	-0.01
73) Anthracene-d10	17.422	188	139442	21.409	ng/u1	0.00
81) Pyrene-d10	19.716	212	172468	18.554	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	218363	21.438	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	7741	7.842	ng/uL#	73
6) Benzaldehyde	7.075	77	38599	23.277	ng/u1	90
8) Phenol	7.122	94	68805	19.466	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.357	93	56058	20.202	ng/u1	99
12) 2-Chlorophenol	7.499	128	53491	20.534	ng/u1	97
13) 2-Methylphenol	8.381	108	44255	17.053	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	105538	19.369	ng/u1	99
16) Acetophenone	8.763	105	73271	17.198	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.746	70	33222	14.457	ng/u1	97
18) 4-Methylphenol	8.710	108	49413	17.123	ng/u1	100
19) Hexachloroethane	9.016	117	22457	21.360	ng/u1	97
22) Nitrobenzene	9.146	77	56811	20.205	ng/u1	99
23) Isophorone	9.669	82	89237	17.289	ng/u1	99
25) 2-Nitrophenol	9.863	139	20899	17.093	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	52472	20.384	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.157	93	64388	20.045	ng/u1	95
29) 2,4-Dichlorophenol	10.393	162	41626	20.473	ng/u1	97
30) Naphthalene	10.798	128	163618	22.669	ng/u1	99
32) 4-Chloroaniline	10.910	127	48123	15.462	ng/u1	98
33) Hexachlorobutadiene	11.081	225	28662	24.185	ng/u1	97
34) Caprolactam	11.681	113	8385	11.766	ng/u1	81
35) 4-Chloro-3-methylphenol	12.034	107	38260	16.049	ng/u1	94
36) 2-Methylnaphthalene	12.404	142	98206	20.588	ng/u1	95
37) 1-Methylnaphthalene	12.622	142	99872	20.974	ng/u1	98

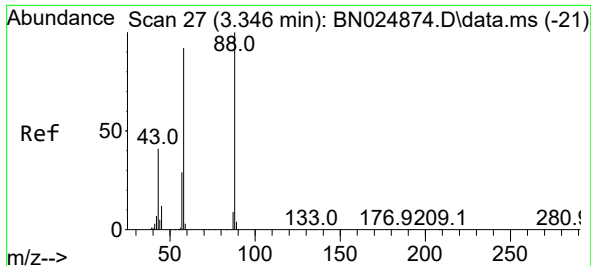
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.775	216	51338	25.735	ng/ul	93
40) Hexachlorocyclopentadiene	12.751	237	23023	18.926	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	26006	19.080	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	28809	19.314	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	129261	23.722	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	101862	24.075	ng/ul	99
45) 2-Nitroaniline	13.663	65	22807	15.437	ng/ul	96
47) Dimethylphthalate	14.034	163	113701	21.315	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	16211	15.569	ng/ul#	90
50) Acenaphthylene	14.298	152	137143	20.552	ng/ul	98
51) 3-Nitroaniline	14.492	138	15212	13.903	ng/ul	91
52) Acenaphthene	14.639	153	102434	22.204	ng/ul	96
53) 2,4-Dinitrophenol	14.692	184	5067	7.569	ng/ul	89
55) 4-Nitrophenol	14.798	109	9457	10.692	ng/ul	90
56) Dibenzofuran	14.975	168	148890	23.415	ng/ul	97
57) 2,4-Dinitrotoluene	14.945	165	21652	14.366	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	21986	17.901	ng/ul	93
59) Diethylphthalate	15.392	149	101923	19.015	ng/ul	98
61) Fluorene	15.628	166	116442	22.767	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.616	204	57316	24.076	ng/ul	96
63) 4-Nitroaniline	15.651	138	14995	13.906	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.704	198	10011	11.324	ng/ul#	79
67) N-Nitrosodiphenylamine	15.833	169	89013	21.157	ng/ul	96
68) 4-Bromophenyl-phenylether	16.516	248	31948	22.919	ng/ul	95
69) Hexachlorobenzene	16.628	284	37238	23.595	ng/ul	99
70) Atrazine	16.780	200	25100	17.533	ng/ul	98
71) Pentachlorophenol	16.975	266	13073	13.327	ng/ul	94
72) Phenanthrene	17.369	178	184161	23.533	ng/ul	100
74) Anthracene	17.457	178	174545	22.134	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	51435	26.077	ng/uL	90
76) Pentachlorobenzene	14.898	250	48602	25.754	ng/uL	98
77) Carbazole	17.733	167	148051	20.793	ng/ul	97
78) Di-n-butylphthalate	18.292	149	139754	16.536	ng/ul	99
80) Fluoranthene	19.386	202	202221	18.152	ng/ul	98
82) Pyrene	19.745	202	219414	18.711	ng/ul	100
83) Butylbenzylphthalate	20.645	149	60394	12.405	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.439	252	65273	17.772	ng/ul#	87
85) Benzo(a)anthracene	21.504	228	236206	20.545	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.427	149	92520	12.730	ng/ul	100
87) Chrysene	21.557	228	246120	22.475	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	163475	12.211	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	280692	21.971	ng/ul	95
91) Benzo(k)fluoranthene	23.268	252	285597	22.718	ng/ul	98
93) Benzo(a)pyrene	23.862	252	255388	22.832	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	346034	25.533	ng/ul	98
95) Dibenzo(a,h)anthracene	26.539	278	293609	26.242	ng/ul	100
96) Benzo(g,h,i)perylene	27.309	276	288551	26.239	ng/ul	98

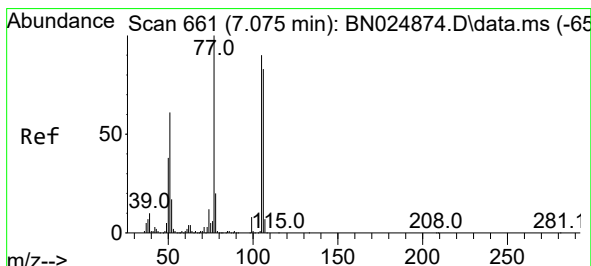
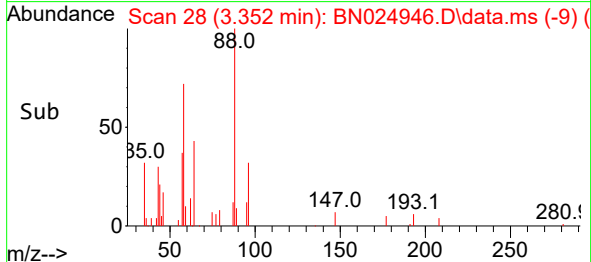
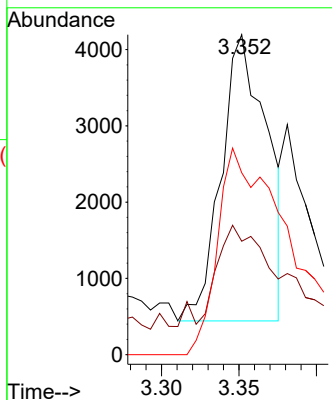
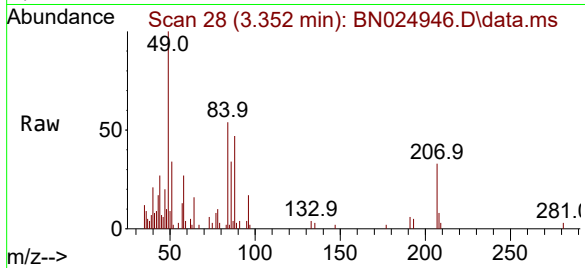
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#2
1,4-Dioxane
Concen: 7.842 ng/uL
RT: 3.352 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

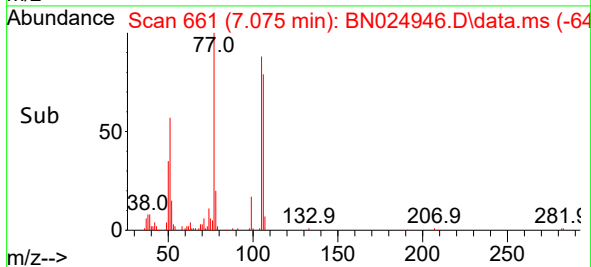
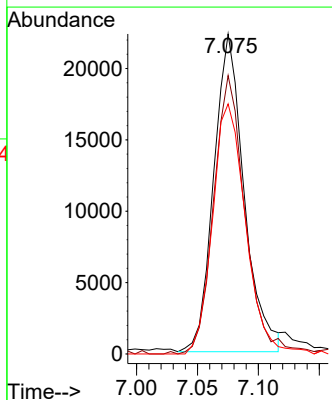
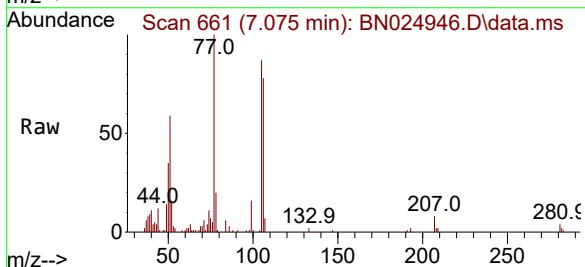
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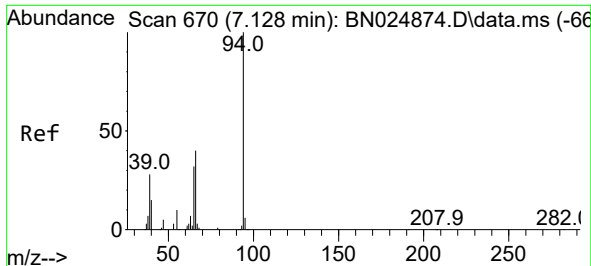
Tgt Ion: 88 Resp: 7741
Ion Ratio Lower Upper
88 100
43 35.4 33.0 49.4
58 56.9 72.3 108.5#



#6
Benzaldehyde
Concen: 23.277 ng/uL
RT: 7.075 min Scan# 661
Delta R.T. 0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion: 77 Resp: 38599
Ion Ratio Lower Upper
77 100
105 87.0 74.3 111.5
106 78.1 73.3 109.9

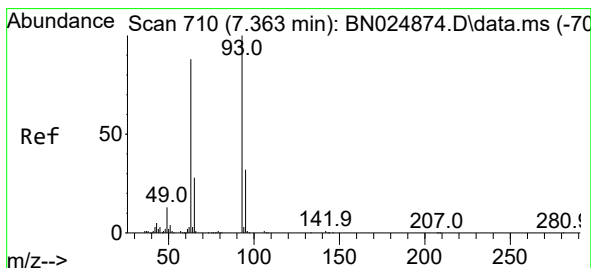
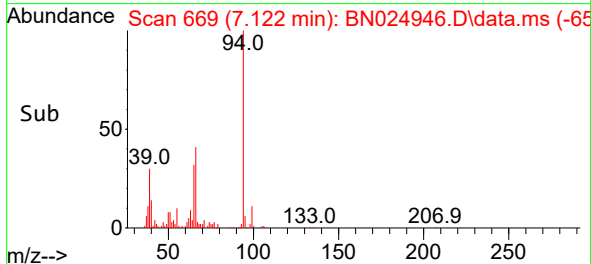
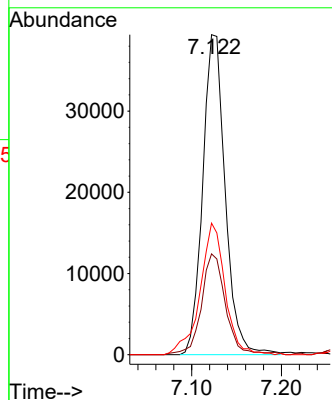
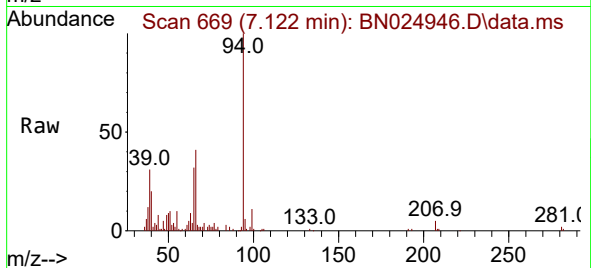




#8
Phenol
Concen: 19.466 ng/ul
RT: 7.122 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

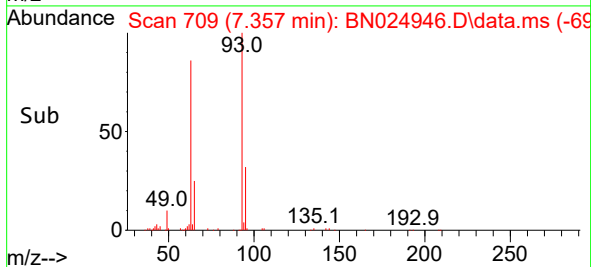
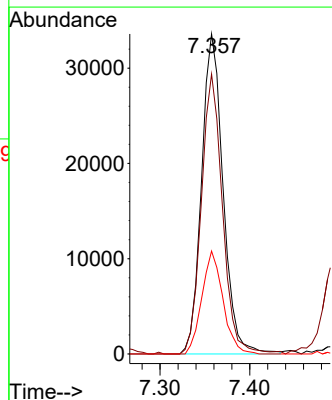
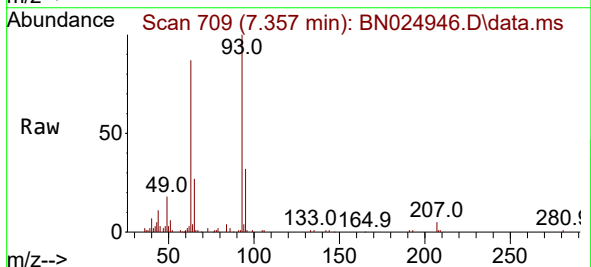
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ClientSampleId :
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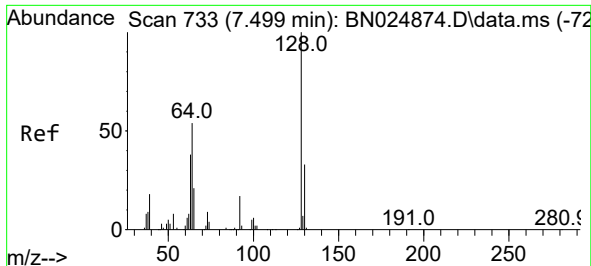
Tgt Ion: 94 Resp: 68805
Ion Ratio Lower Upper
94 100
65 31.5 25.1 37.7
66 41.1 31.9 47.9



#10
Bis(2-Chloroethyl)ether
Concen: 20.202 ng/ul
RT: 7.357 min Scan# 709
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion: 93 Resp: 56058
Ion Ratio Lower Upper
93 100
63 87.5 70.9 106.3
95 32.2 26.0 39.0

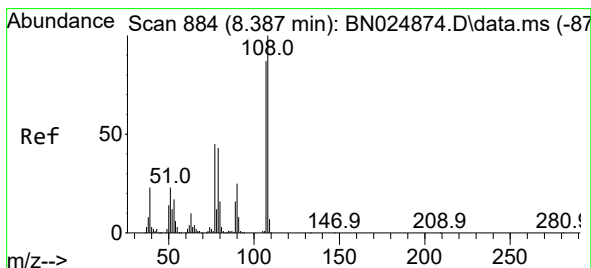
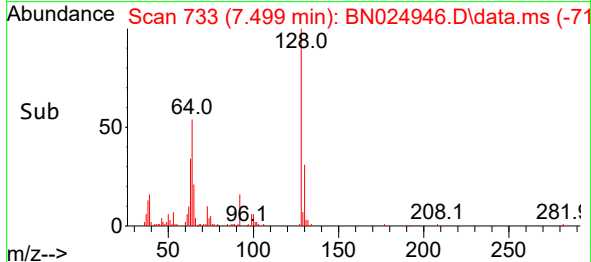
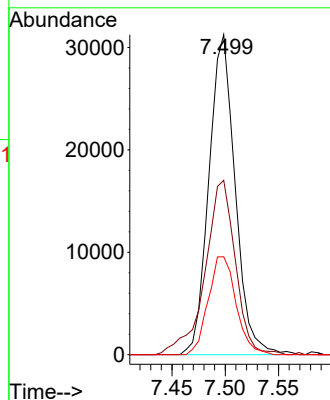
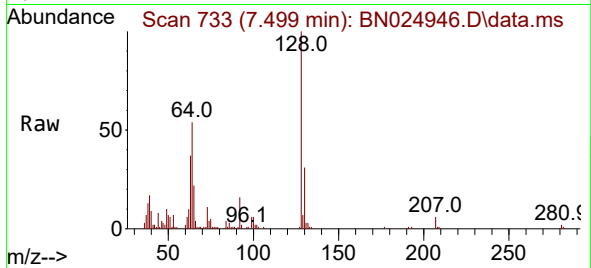




#12
2-Chlorophenol
Concen: 20.534 ng/ul
RT: 7.499 min Scan# 71
Delta R.T. 0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

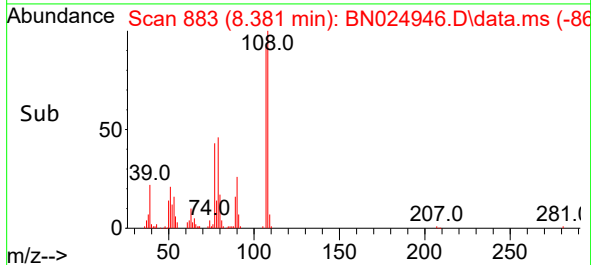
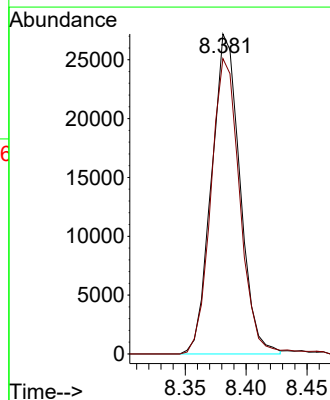
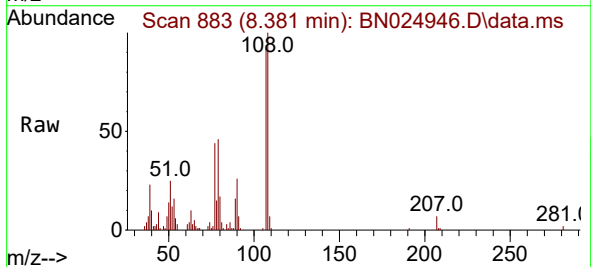
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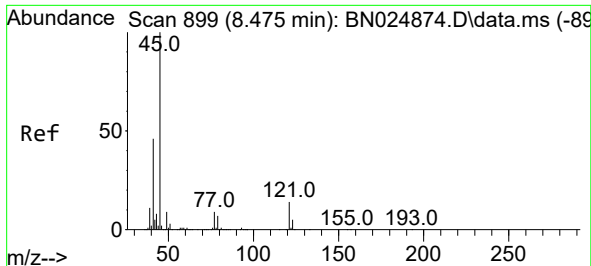
Tgt Ion:128 Resp: 53491
Ion Ratio Lower Upper
128 100
64 54.5 44.8 67.2
130 30.6 26.6 39.8



#13
2-Methylphenol
Concen: 17.053 ng/ul
RT: 8.381 min Scan# 883
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:108 Resp: 44255
Ion Ratio Lower Upper
108 100
107 92.3 71.5 107.3

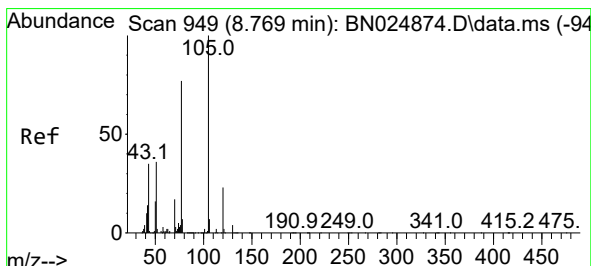
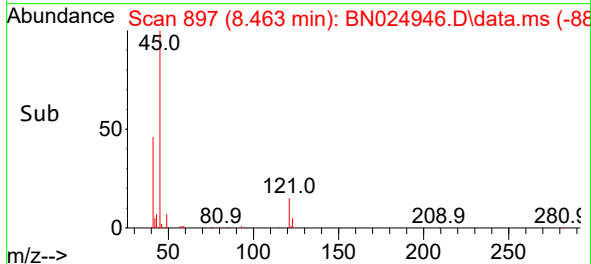
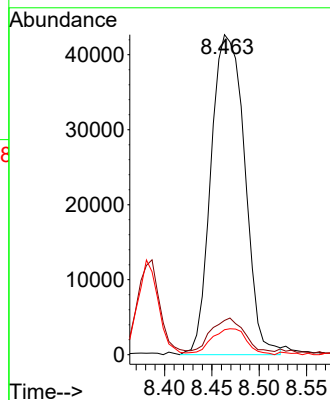
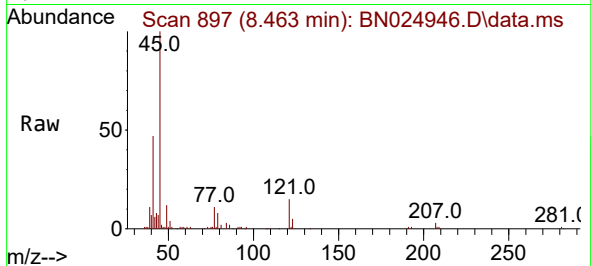




#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.369 ng/ul
RT: 8.463 min Scan# 899
Delta R.T. -0.012 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

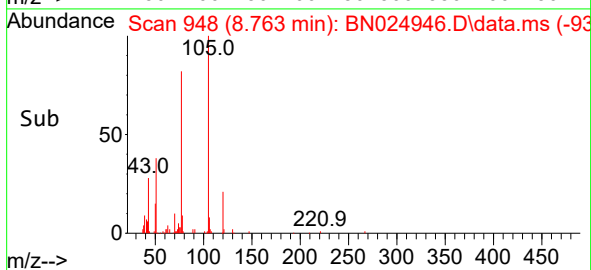
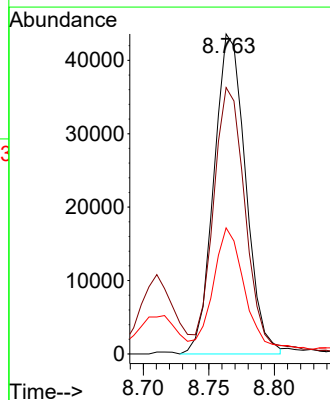
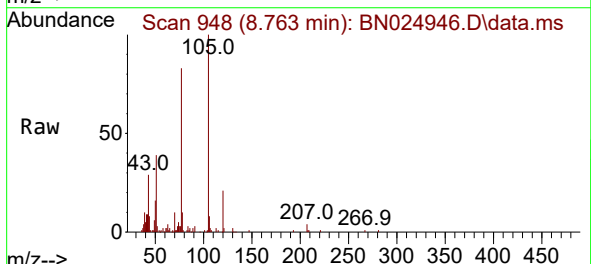
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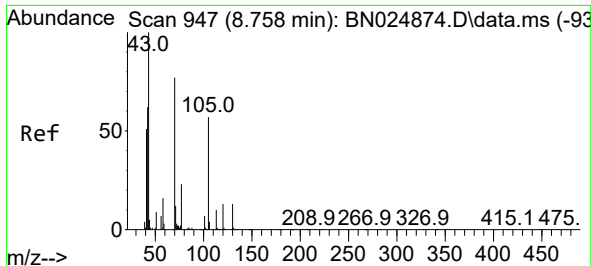
Tgt Ion: 45 Resp: 105538
Ion Ratio Lower Upper
45 100
77 10.7 8.4 12.6
79 7.8 6.6 9.8



#16
Acetophenone
Concen: 17.198 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion: 105 Resp: 73271
Ion Ratio Lower Upper
105 100
77 83.3 64.8 97.2
51 39.4 28.7 43.1

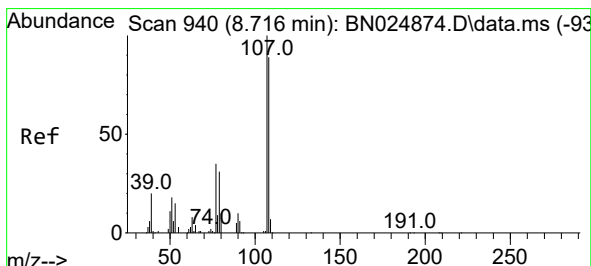
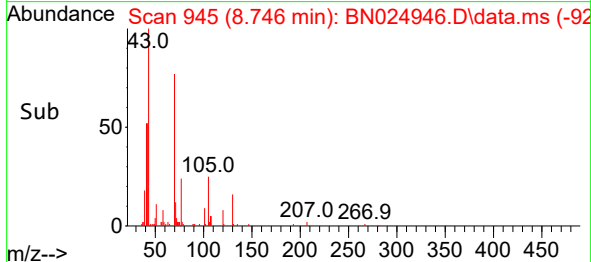
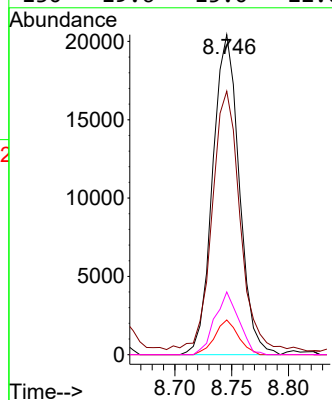
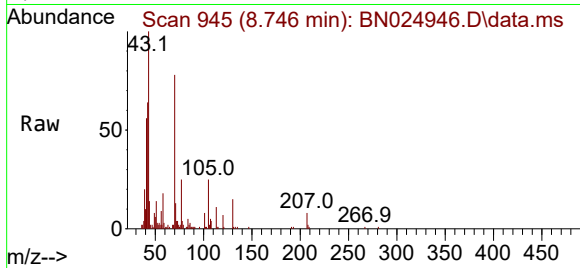




#17
N-Nitroso-di-n-propylamine
Concen: 14.457 ng/ul
RT: 8.746 min Scan# 947
Delta R.T. -0.006 min
Lab File: BN024946.D
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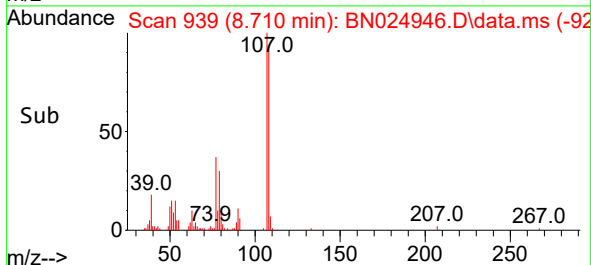
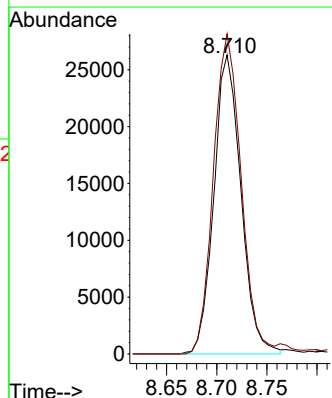
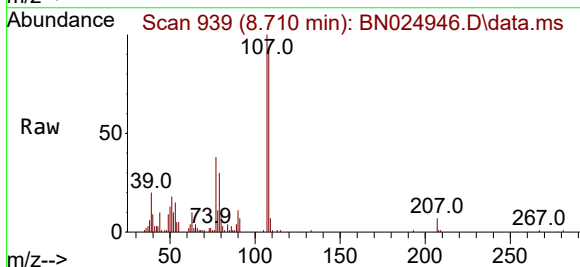
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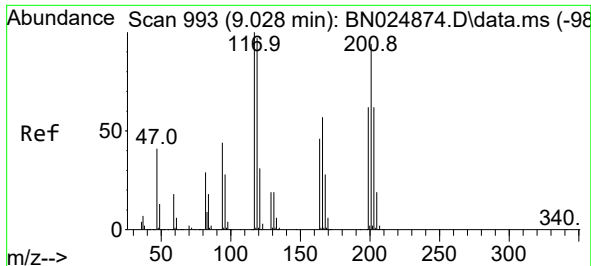
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Ion Ratio Lower Upper
70 100
42 82.3 64.2 96.2
101 10.8 7.3 10.9
130 19.6 15.0 22.6



#18
4-Methylphenol
Concen: 17.123 ng/ul
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion: 108 Resp: 49413
Ion Ratio Lower Upper
108 100
107 107.0 85.8 128.6





#19

Hexachloroethane

Concen: 21.360 ng/ul

RT: 9.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

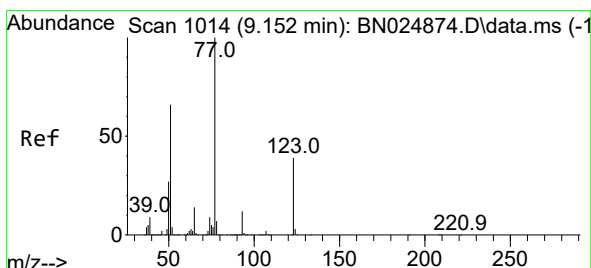
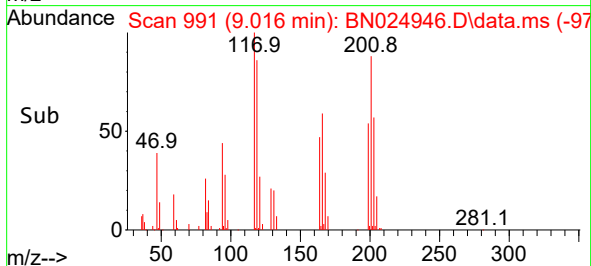
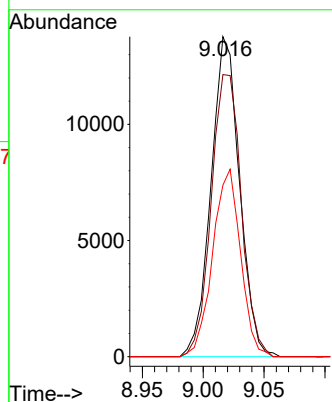
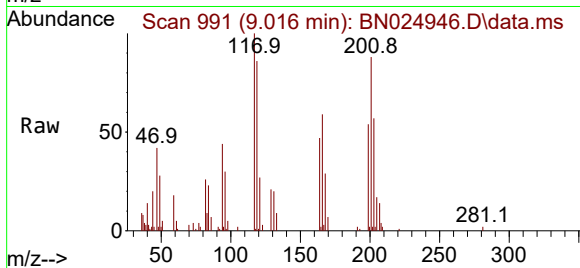
Tgt Ion:117 Resp: 22457

Ion Ratio Lower Upper

117 100

201 88.1 72.2 108.4

199 55.1 46.2 69.4



#22

Nitrobenzene

Concen: 20.205 ng/ul

RT: 9.146 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

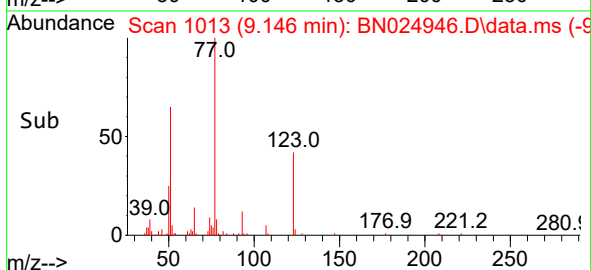
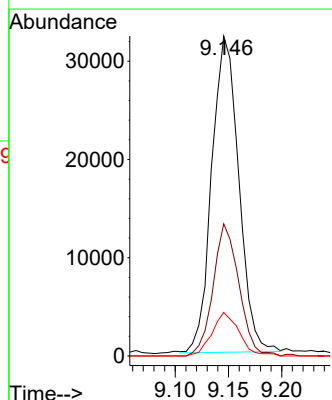
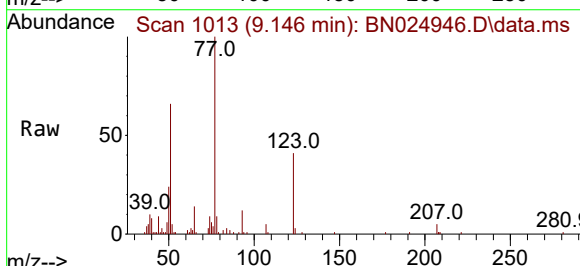
Tgt Ion: 77 Resp: 56811

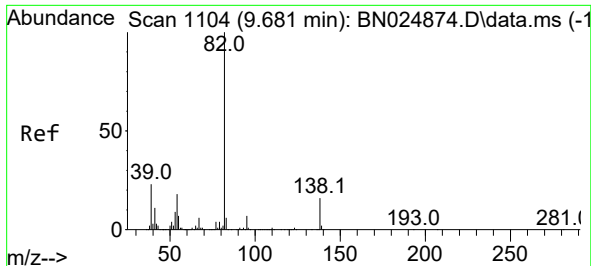
Ion Ratio Lower Upper

77 100

123 41.3 33.5 50.3

65 13.6 11.8 17.8

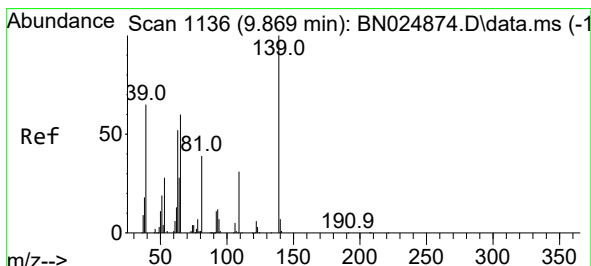
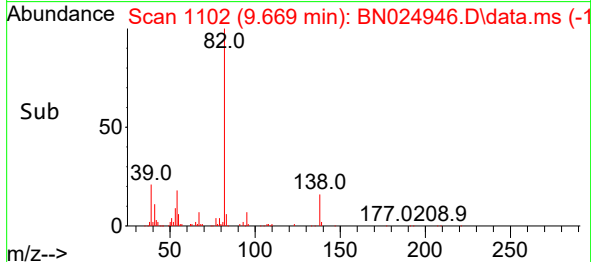
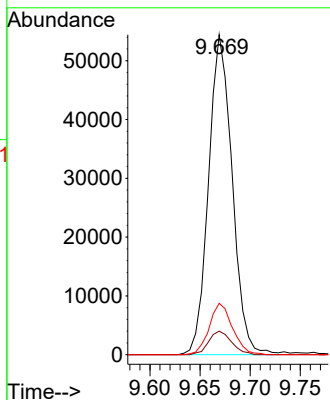
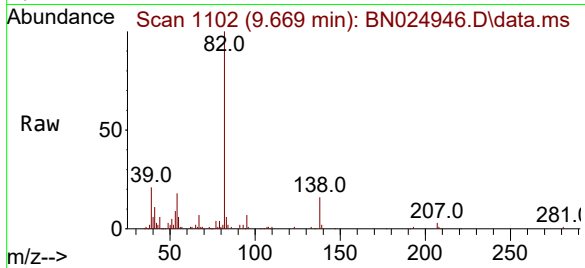




#23
Isophorone
Concen: 17.289 ng/ul
RT: 9.669 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

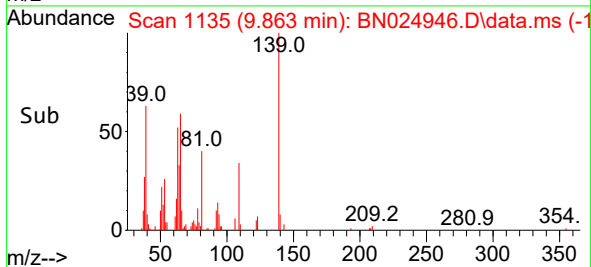
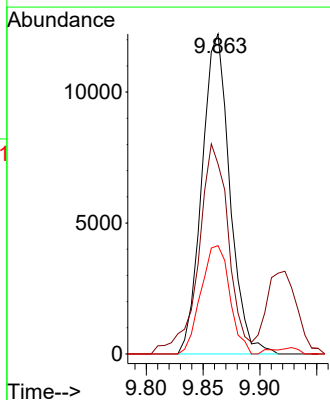
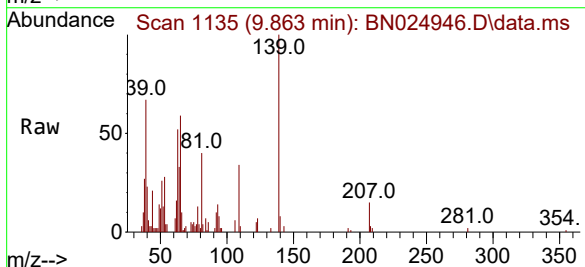
Instrument :
BNA_N
ClientSampleId :
SSTD020274

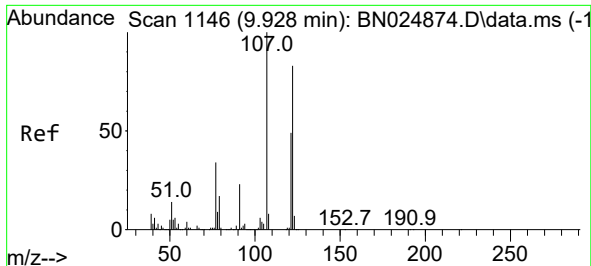
Tgt Ion: 82 Resp: 89237
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 16.1 12.8 19.2



#25
2-Nitrophenol
Concen: 17.093 ng/ul
RT: 9.863 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion: 139 Resp: 20899
Ion Ratio Lower Upper
139 100
65 59.3 49.8 74.8
109 33.9 26.2 39.2

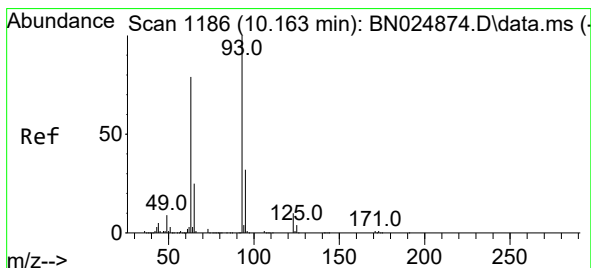
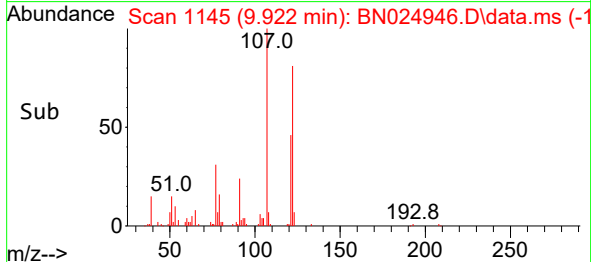
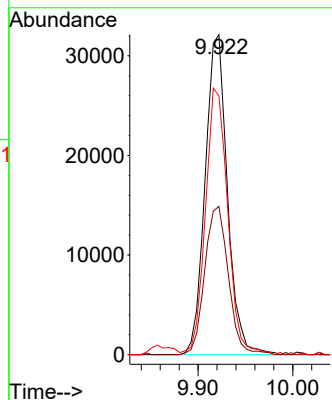
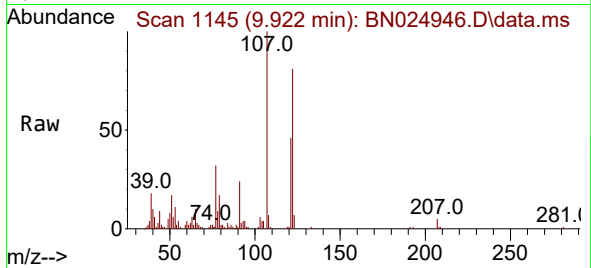




#26
2,4-Dimethylphenol
Concen: 20.384 ng/ul
RT: 9.922 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

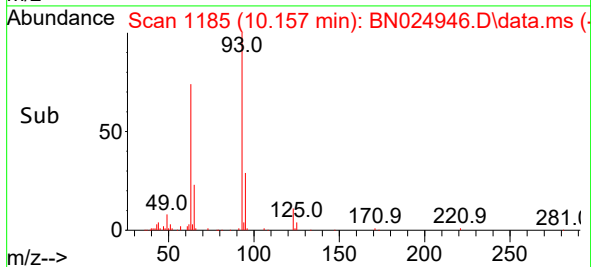
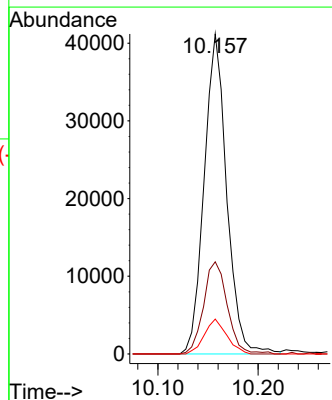
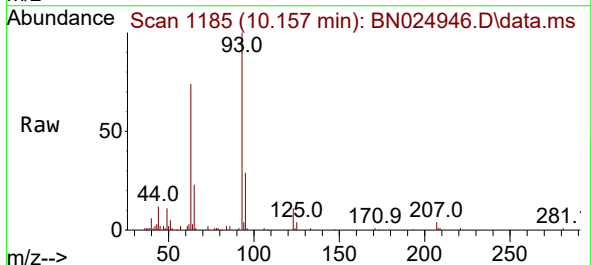
Instrument :
BNA_N
ClientSampleId :
SSTD020274

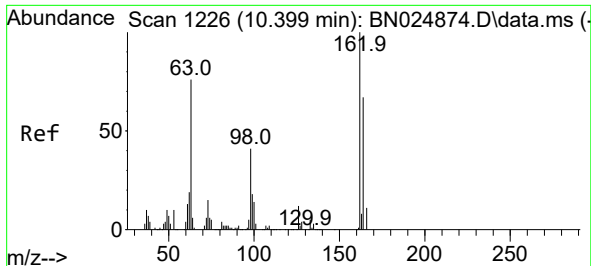
Tgt Ion:107 Resp: 52472
Ion Ratio Lower Upper
107 100
121 46.4 39.7 59.5
122 80.9 66.1 99.1



#27
Bis(2-Chloroethoxy)methane
Concen: 20.045 ng/ul
RT: 10.157 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion: 93 Resp: 64388
Ion Ratio Lower Upper
93 100
95 28.8 26.1 39.1
123 10.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 20.473 ng/ul

RT: 10.393 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

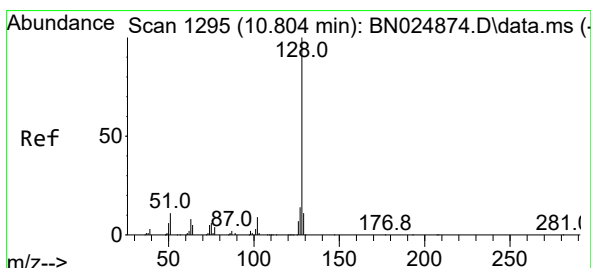
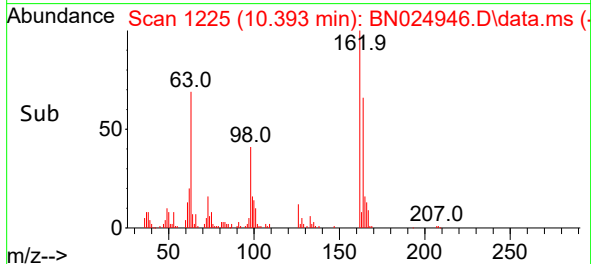
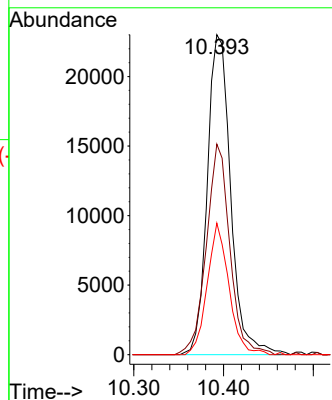
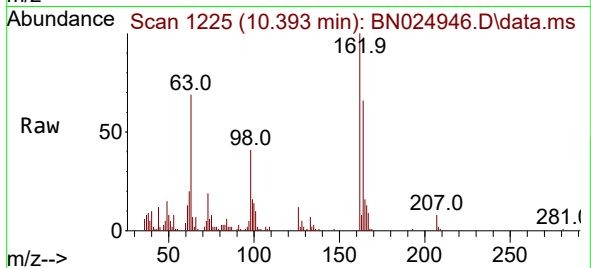
Tgt Ion:162 Resp: 41626

Ion Ratio Lower Upper

162 100

164 65.8 50.9 76.3

98 41.1 31.0 46.4



#30

Naphthalene

Concen: 22.669 ng/ul

RT: 10.798 min Scan# 1294

Delta R.T. -0.000 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

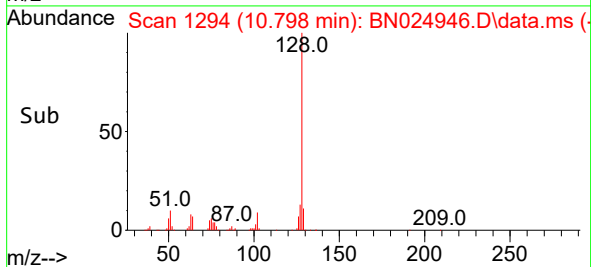
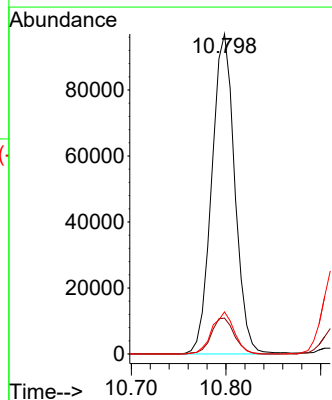
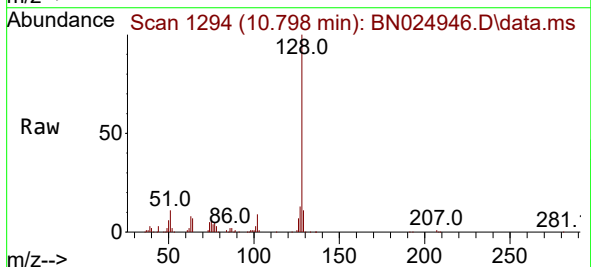
Tgt Ion:128 Resp: 163618

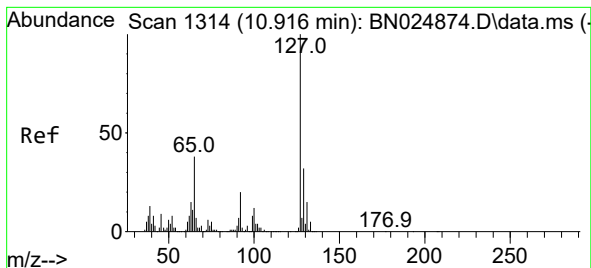
Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

127 13.1 10.7 16.1

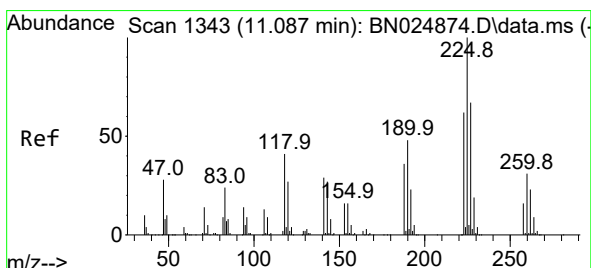
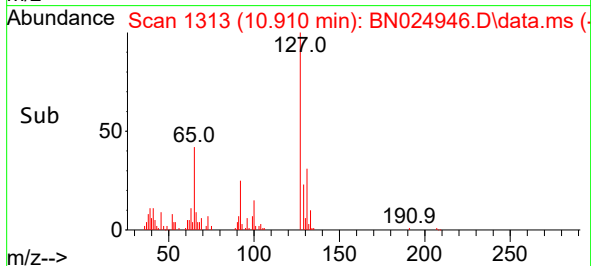
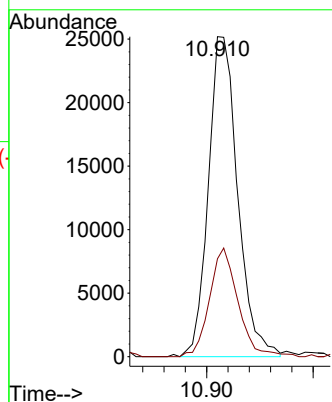
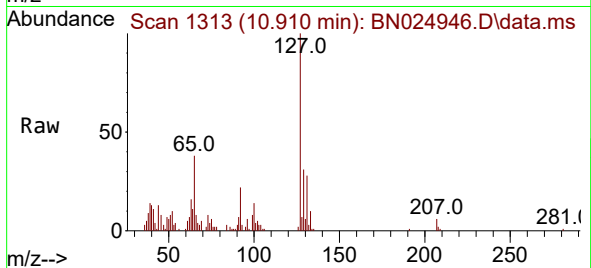




#32
4-Chloroaniline
Concen: 15.462 ng/ul
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

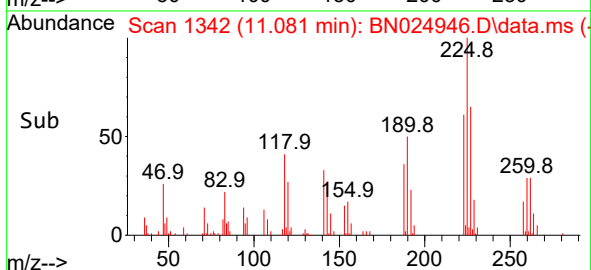
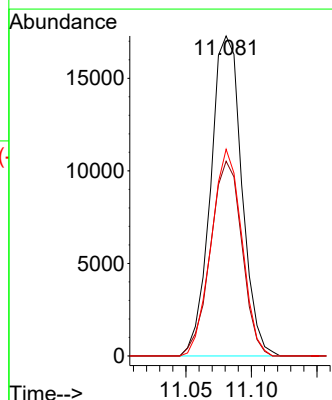
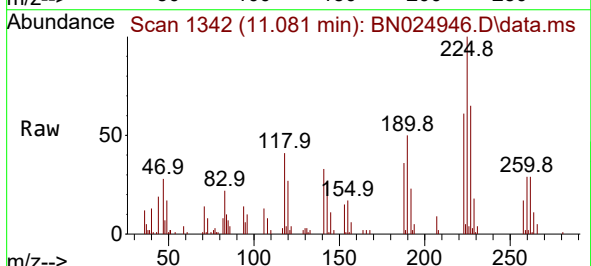
Instrument :
BNA_N
ClientSampleId :
SSTD020274

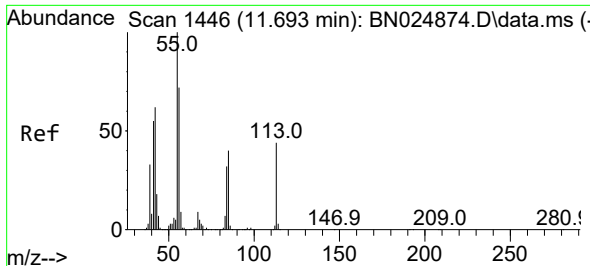
Tgt Ion:127 Resp: 48123
Ion Ratio Lower Upper
127 100
129 30.6 25.5 38.3



#33
Hexachlorobutadiene
Concen: 24.185 ng/ul
RT: 11.081 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:225 Resp: 28662
Ion Ratio Lower Upper
225 100
223 60.8 45.9 68.9
227 64.6 51.2 76.8

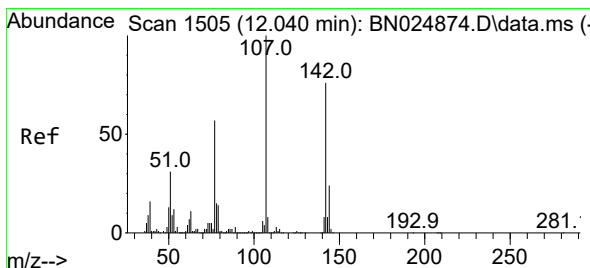
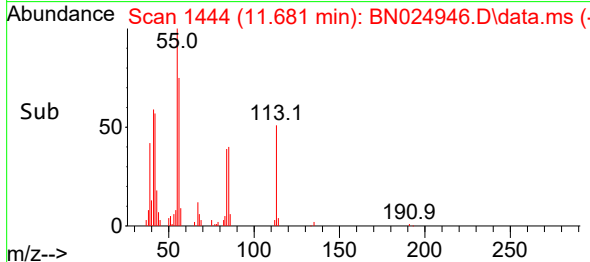
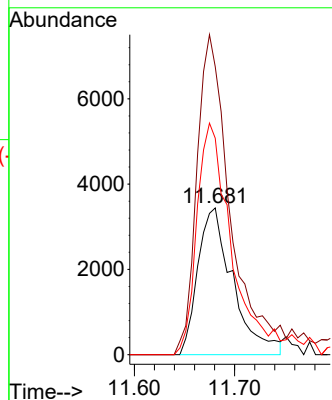
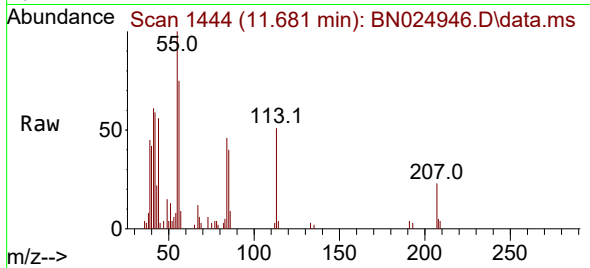




#34
Caprolactam
Concen: 11.766 ng/ul
RT: 11.681 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

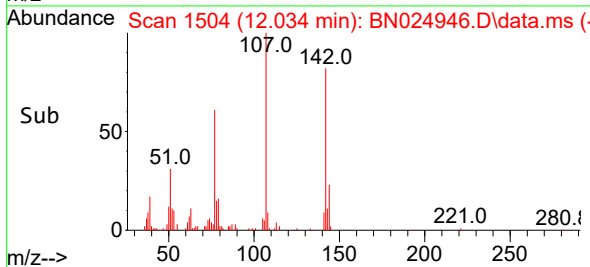
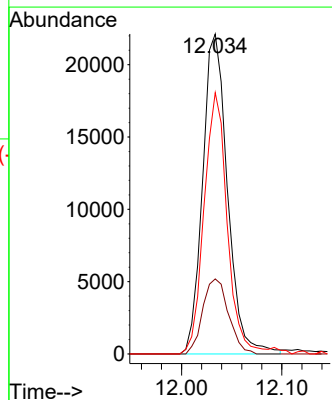
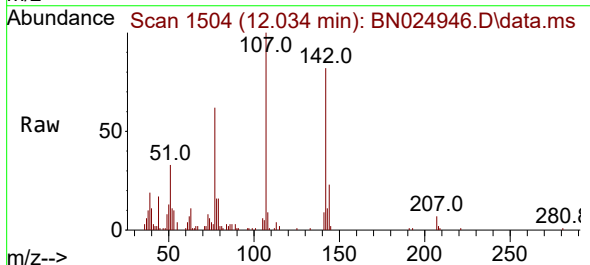
Instrument :
BNA_N
ClientSampleId :
SSTD020274

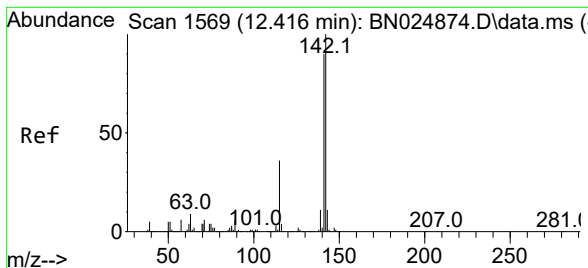
Tgt Ion:113 Resp: 8385
Ion Ratio Lower Upper
113 100
55 196.4 188.3 282.5
56 147.7 133.5 200.3



#35
4-Chloro-3-methylphenol
Concen: 16.049 ng/ul
RT: 12.034 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:107 Resp: 38260
Ion Ratio Lower Upper
107 100
144 23.4 19.6 29.4
142 81.7 60.7 91.1

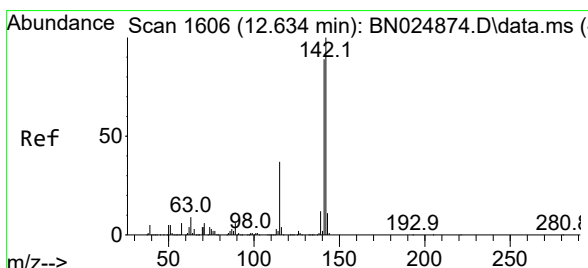
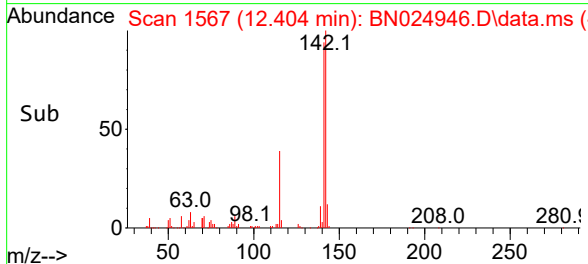
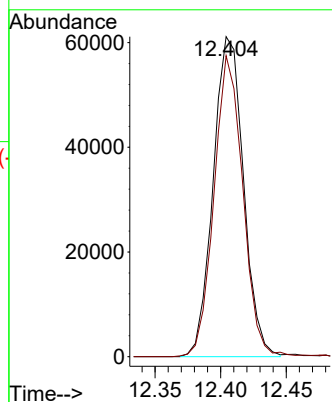
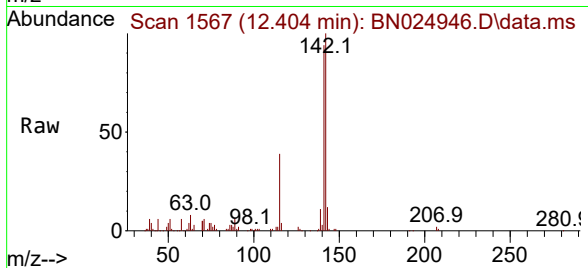




#36
2-Methylnaphthalene
Concen: 20.588 ng/ul
RT: 12.404 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

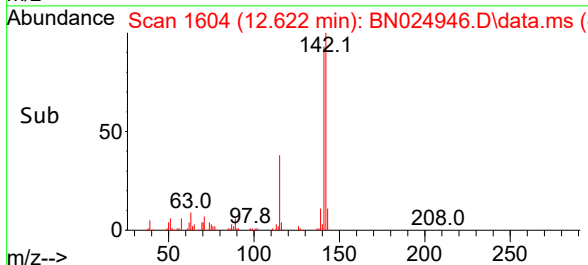
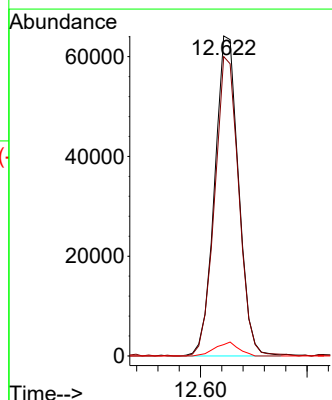
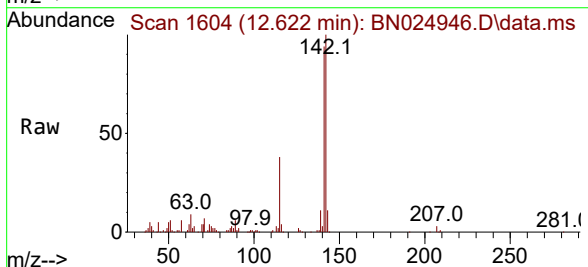
Instrument :
BNA_N
ClientSampleId :
SSTD020274

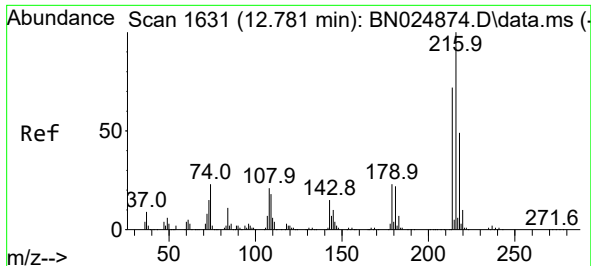
Tgt Ion:142 Resp: 98206
Ion Ratio Lower Upper
142 100
141 94.1 71.4 107.2



#37
1-Methylnaphthalene
Concen: 20.974 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:142 Resp: 99872
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3
116 3.5 3.1 4.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.735 ng/ul

RT: 12.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

Tgt Ion:216 Resp: 51338

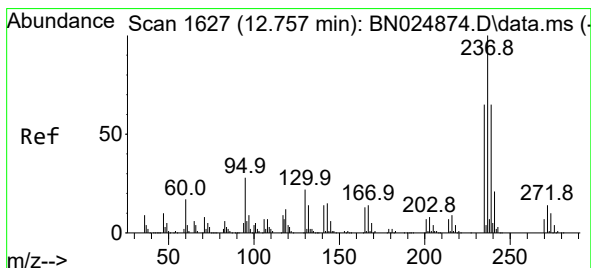
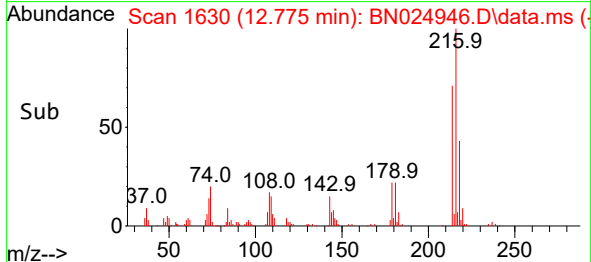
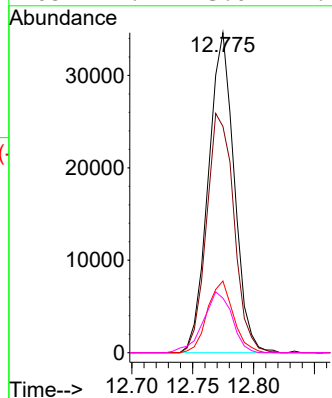
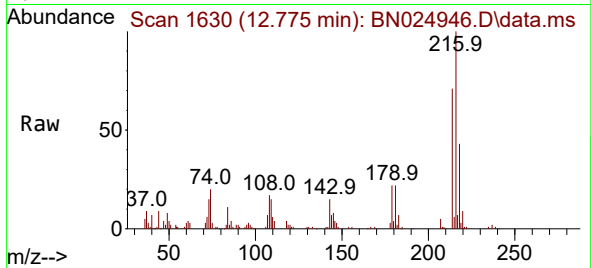
Ion Ratio Lower Upper

216 100

214 70.7 62.2 93.4

179 22.4 16.8 25.2

108 17.1 15.0 22.6



#40

Hexachlorocyclopentadiene

Concen: 18.926 ng/ul

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

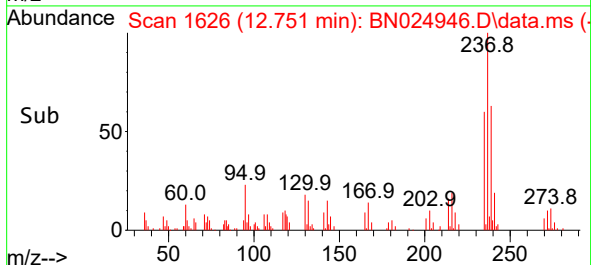
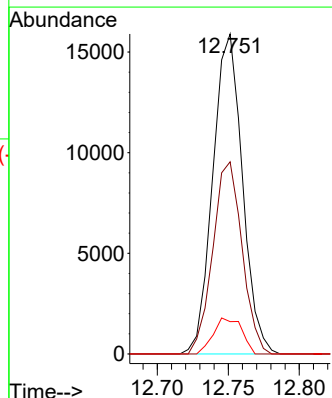
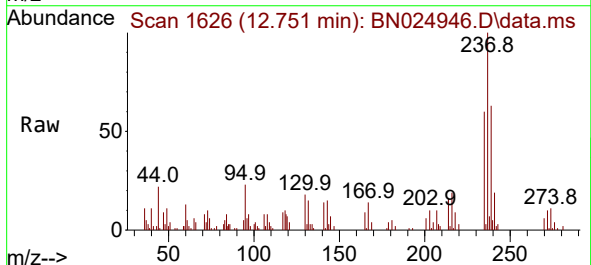
Tgt Ion:237 Resp: 23023

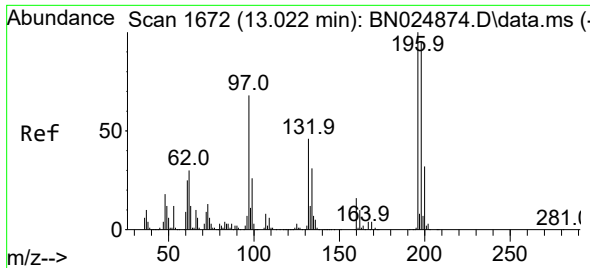
Ion Ratio Lower Upper

237 100

235 63.2 49.9 74.9

272 11.3 10.2 15.4

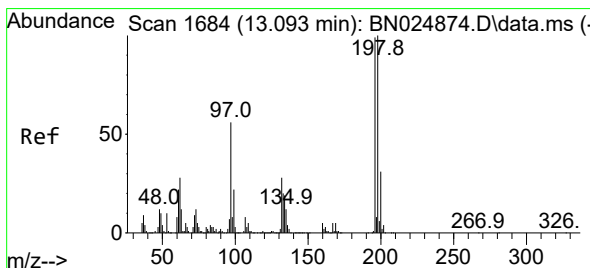
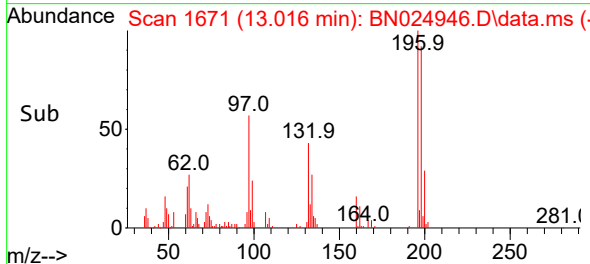
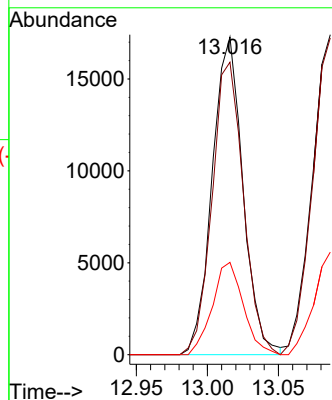
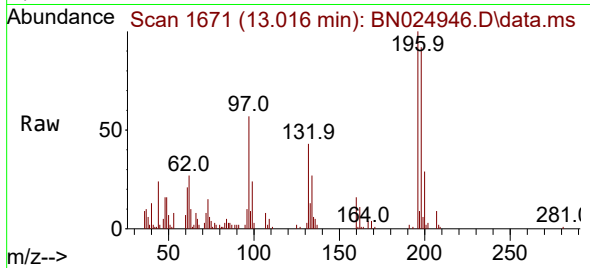




#41
2,4,6-Trichlorophenol
Concen: 19.080 ng/ul
RT: 13.016 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

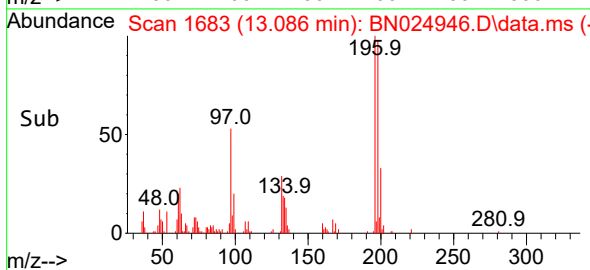
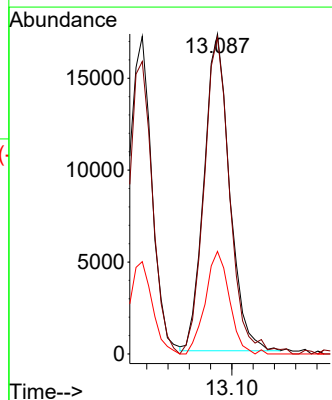
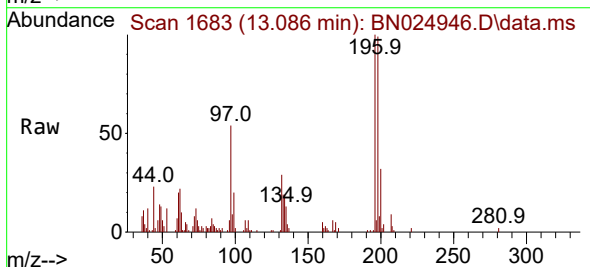
Instrument :
BNA_N
ClientSampleId :
SSTD020274

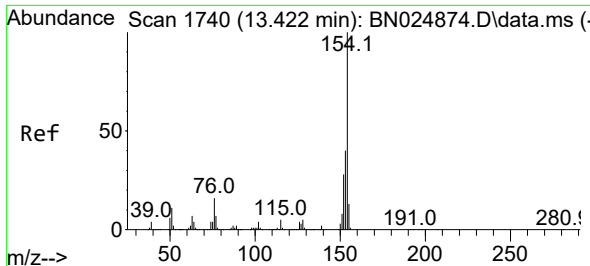
Tgt Ion:196 Resp: 26006
Ion Ratio Lower Upper
196 100
198 92.1 74.5 111.7
200 31.3 24.3 36.5



#42
2,4,5-Trichlorophenol
Concen: 19.314 ng/ul
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:196 Resp: 28809
Ion Ratio Lower Upper
196 100
198 99.0 78.2 117.2
200 32.1 24.0 36.0

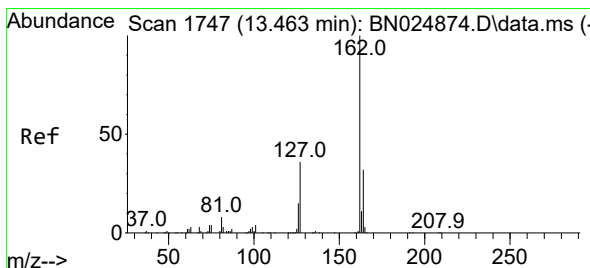
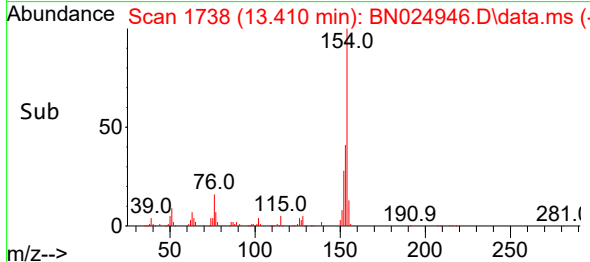
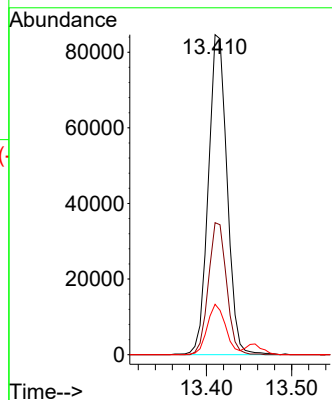
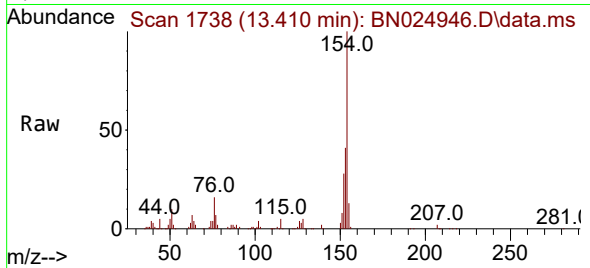




#43
1,1'-Biphenyl
Concen: 23.722 ng/ul
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

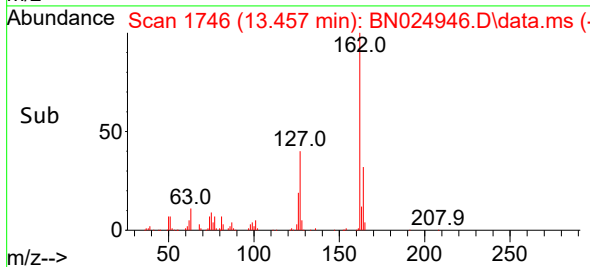
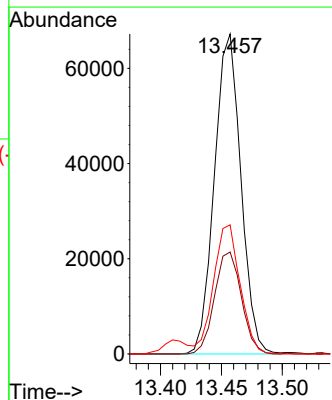
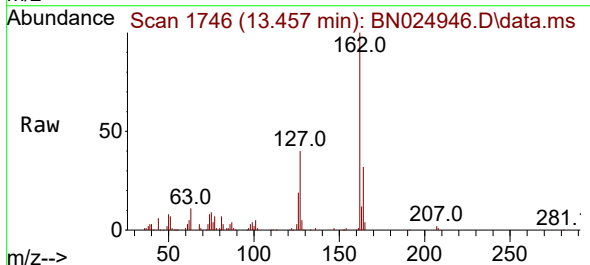
Instrument :
BNA_N
ClientSampleId :
SSTD020274

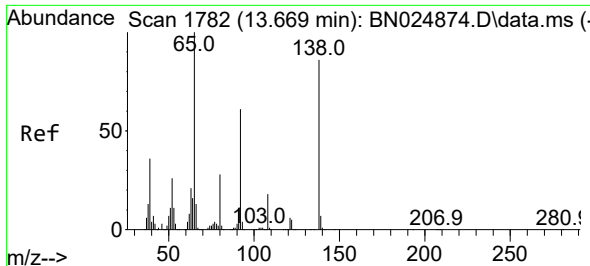
Tgt Ion:154 Resp: 129261
Ion Ratio Lower Upper
154 100
153 41.3 32.2 48.2
76 15.7 12.4 18.6



#44
2-Chloronaphthalene
Concen: 24.075 ng/ul
RT: 13.457 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:162 Resp: 101862
Ion Ratio Lower Upper
162 100
164 31.9 25.9 38.9
127 40.4 32.9 49.3

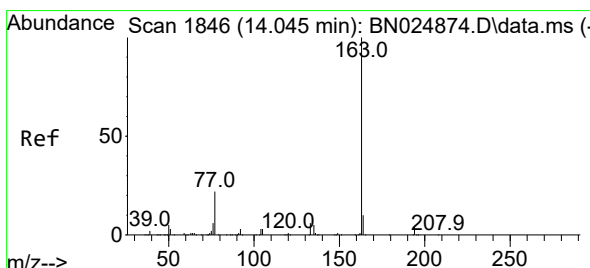
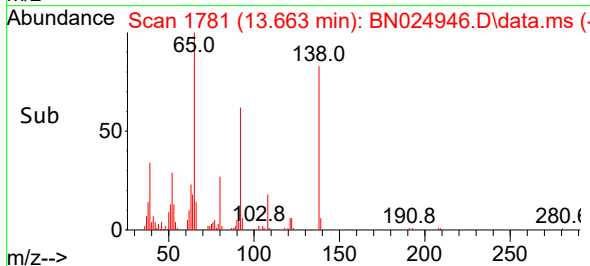
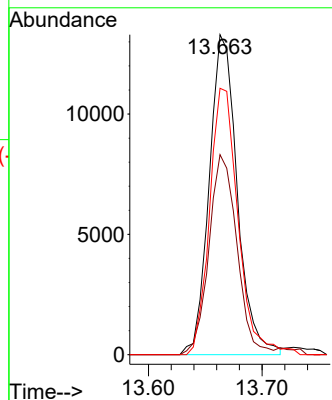
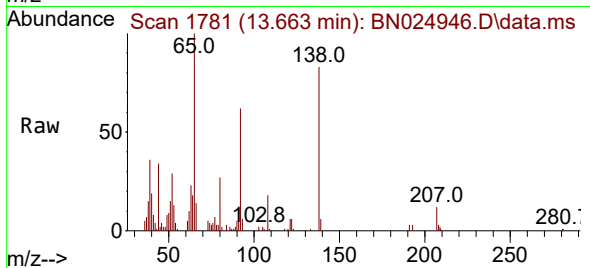




#45
2-Nitroaniline
Concen: 15.437 ng/ul
RT: 13.663 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

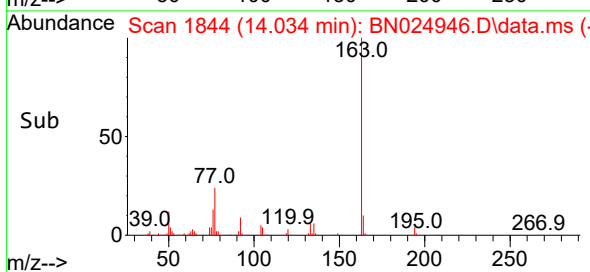
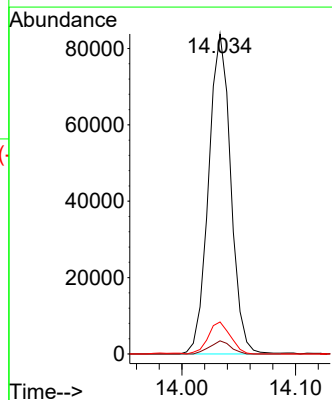
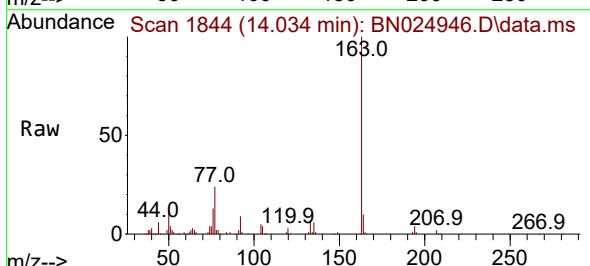
Instrument :
BNA_N
ClientSampleId :
SSTD020274

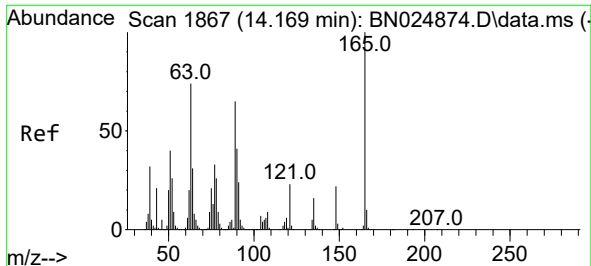
Tgt Ion: 65 Resp: 22807
Ion Ratio Lower Upper
65 100
92 62.5 50.7 76.1
138 83.2 71.4 107.2



#47
Dimethylphthalate
Concen: 21.315 ng/ul
RT: 14.034 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion: 163 Resp: 113701
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2

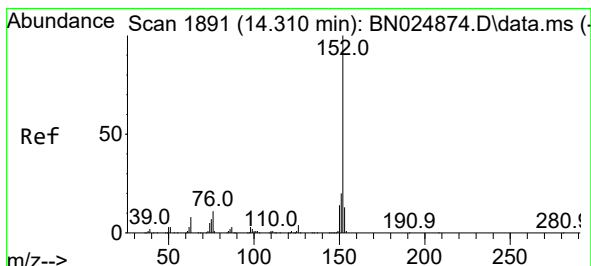
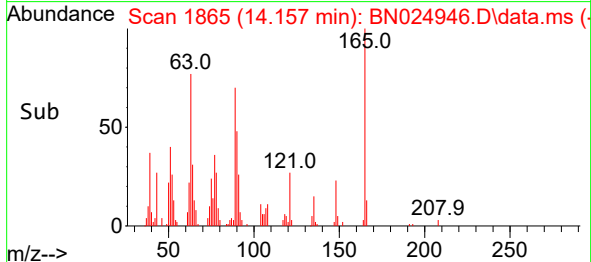
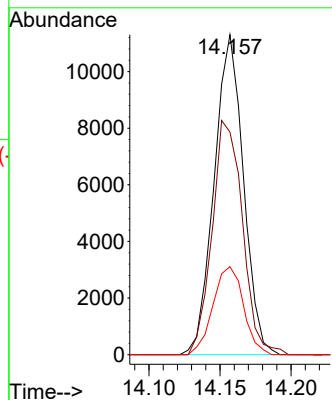
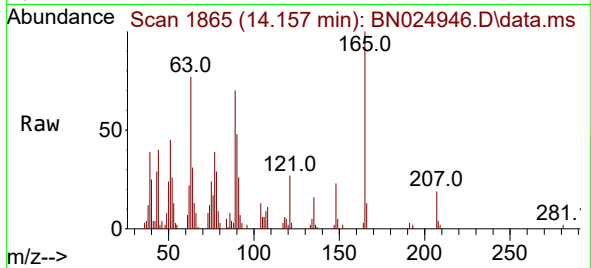




#48
2,6-Dinitrotoluene
Concen: 15.569 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

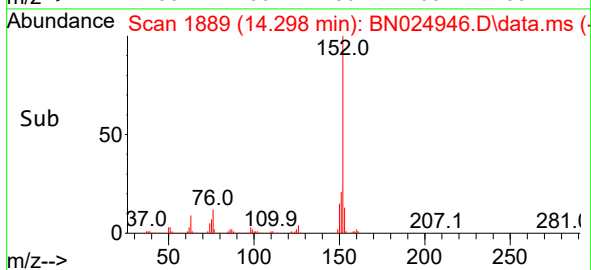
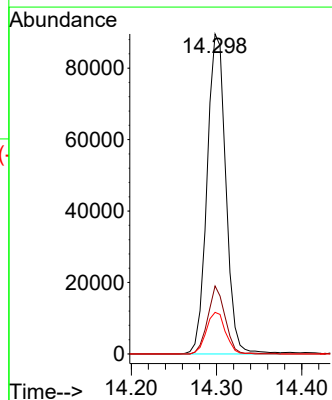
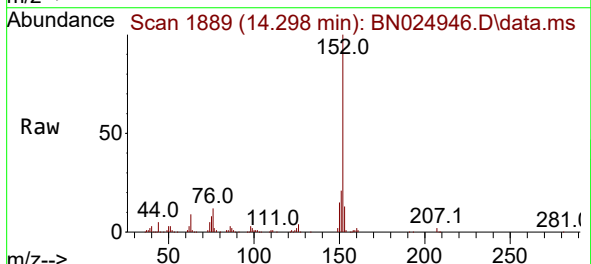
Instrument :
BNA_N
ClientSampleId :
SSTD020274

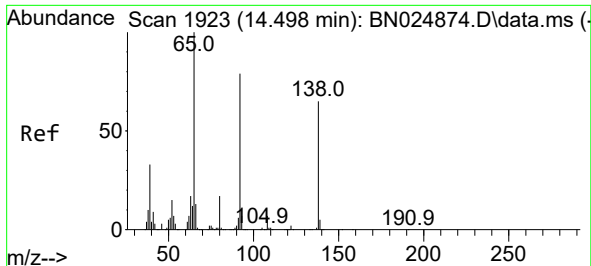
Tgt Ion:165 Resp: 16211
Ion Ratio Lower Upper
165 100
89 69.5 49.8 74.8
121 27.5 17.2 25.8#



#50
Acenaphthylene
Concen: 20.552 ng/ul
RT: 14.298 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:152 Resp: 137143
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 13.0 10.6 16.0

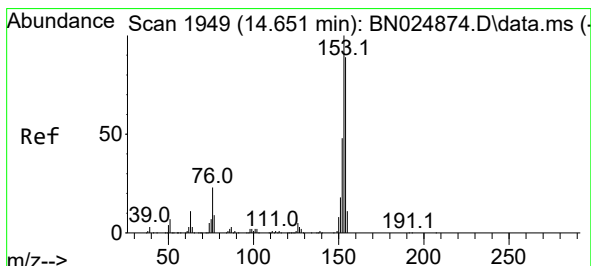
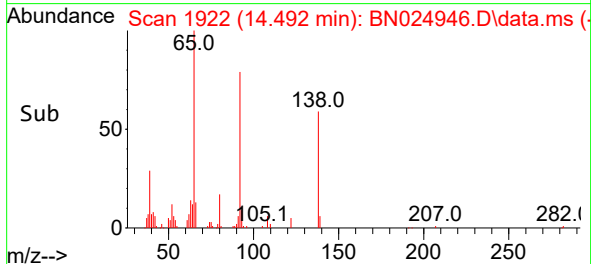
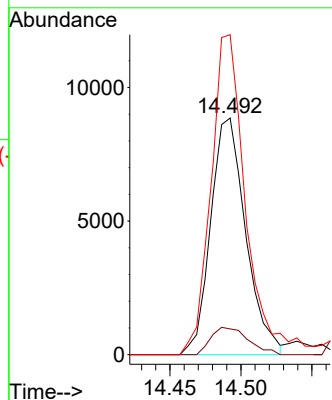
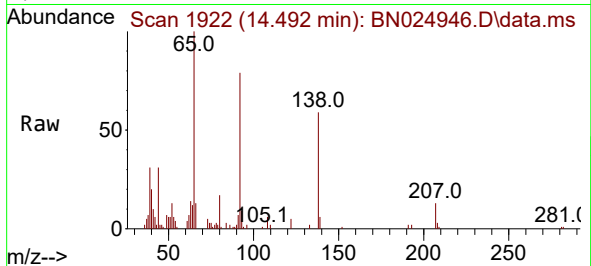




#51
3-Nitroaniline
Concen: 13.903 ng/ul
RT: 14.492 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

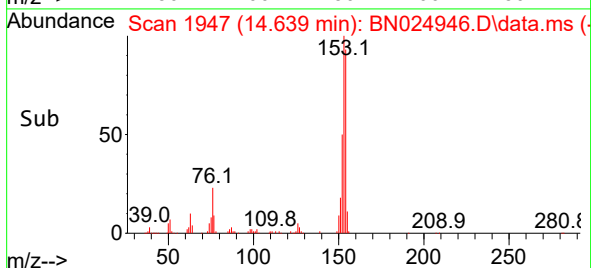
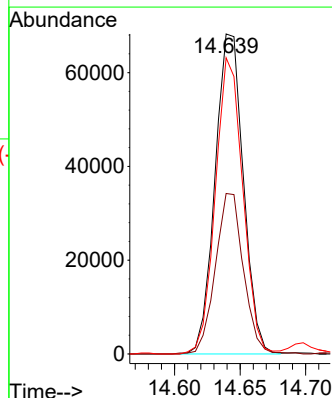
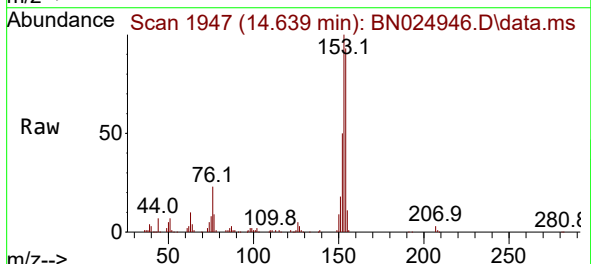
Instrument :
BNA_N
ClientSampleId :
SSTD020274

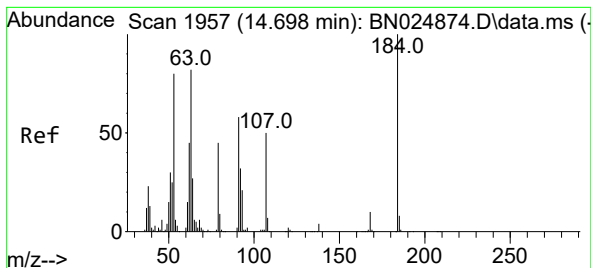
Tgt Ion:138 Resp: 15212
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 135.2 99.5 149.3



#52
Acenaphthene
Concen: 22.204 ng/ul
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:153 Resp: 102434
Ion Ratio Lower Upper
153 100
152 50.2 38.8 58.2
154 92.5 70.3 105.5

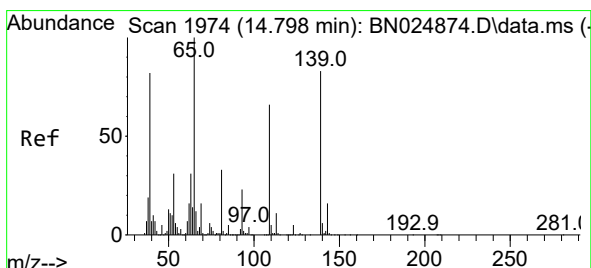
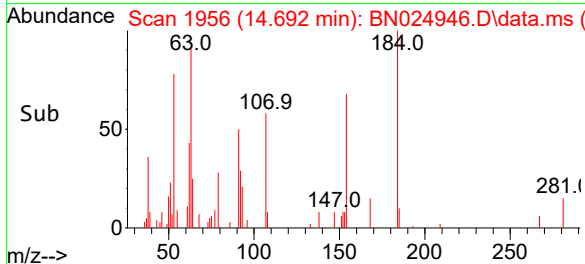
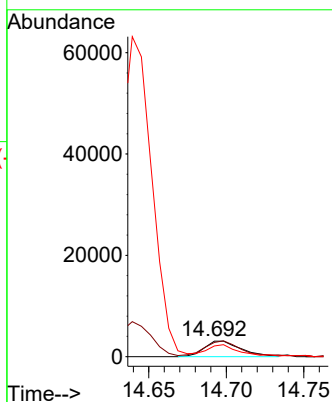
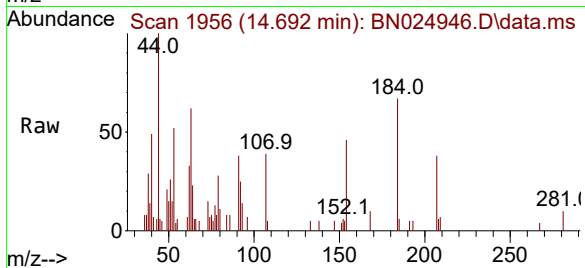




#53
2,4-Dinitrophenol
Concen: 7.569 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

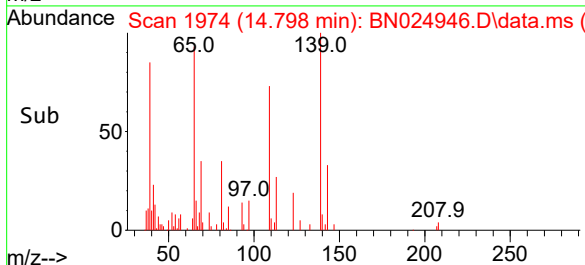
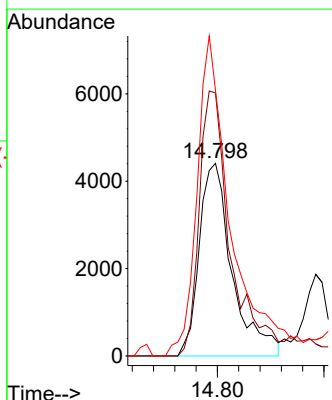
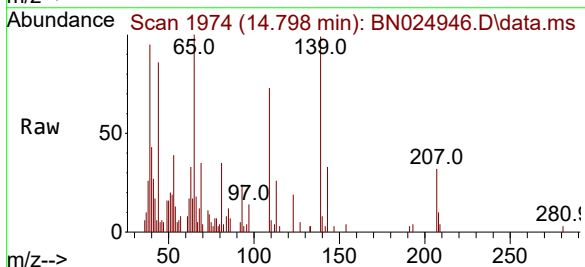
Instrument :
BNA_N
ClientSampleId :
SSTD020274

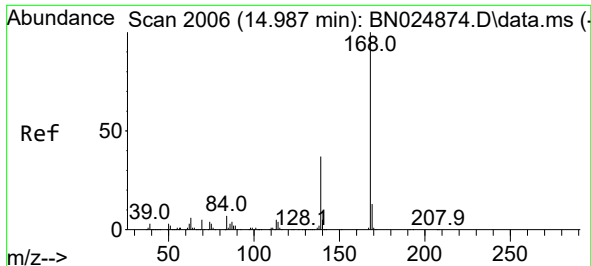
Tgt Ion:184 Resp: 5067
Ion Ratio Lower Upper
184 100
63 91.3 62.6 93.8
154 68.4 50.9 76.3



#55
4-Nitrophenol
Concen: 10.692 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:109 Resp: 9457
Ion Ratio Lower Upper
109 100
139 136.5 104.3 156.5
65 137.9 124.3 186.5

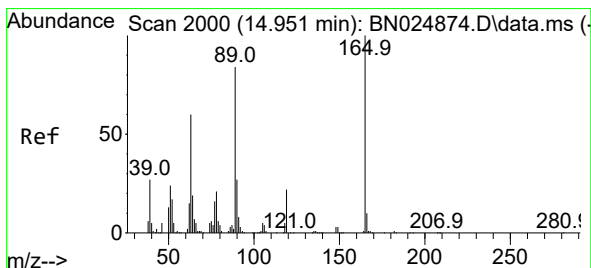
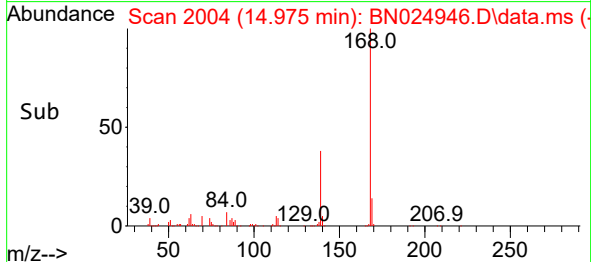
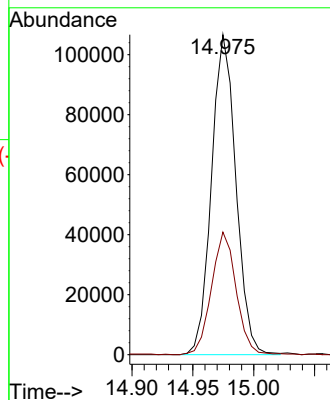
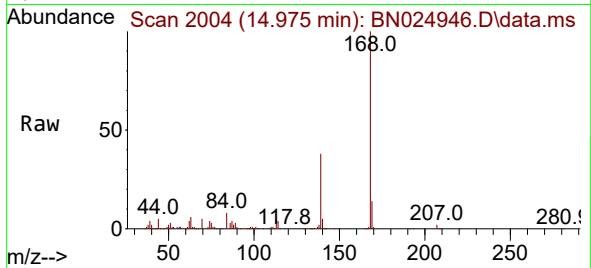




#56
Dibenzofuran
Concen: 23.415 ng/ul
RT: 14.975 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

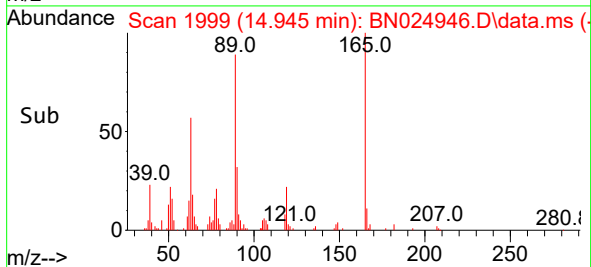
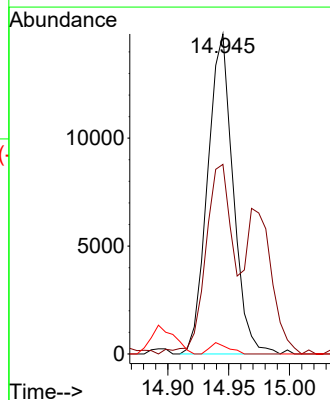
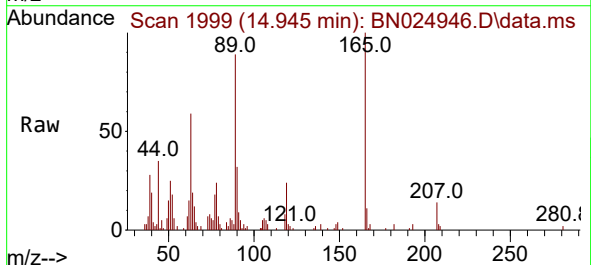
Instrument :
BNA_N
ClientSampleId :
SSTD020274

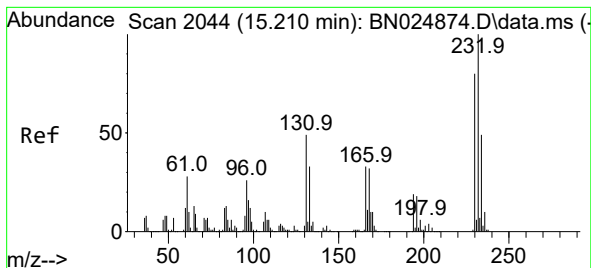
Tgt Ion:168 Resp: 148890
Ion Ratio Lower Upper
168 100
139 38.3 32.1 48.1



#57
2,4-Dinitrotoluene
Concen: 14.366 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:165 Resp: 21652
Ion Ratio Lower Upper
165 100
63 59.2 45.4 68.0
182 2.6 2.2 3.2

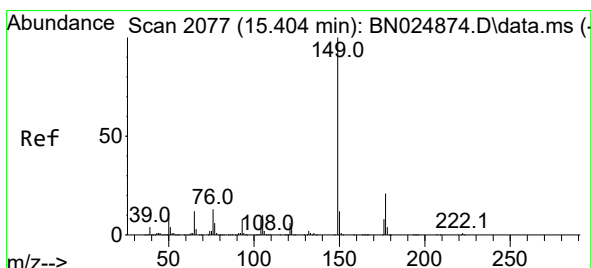
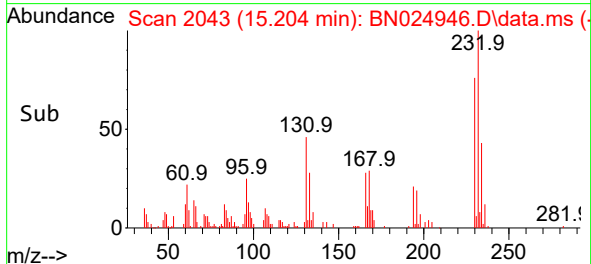
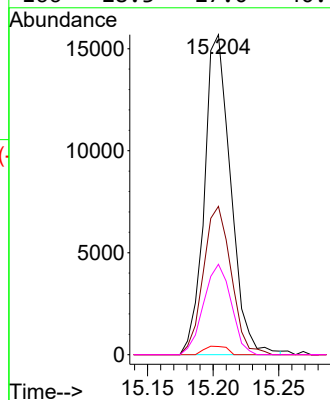
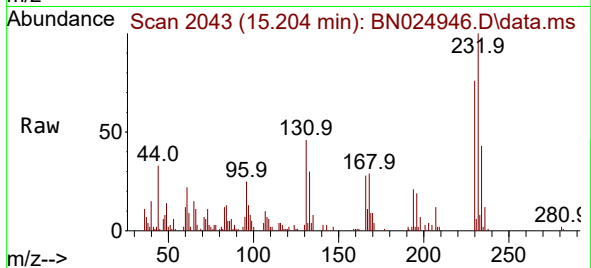




#58
2,3,4,6-Tetrachlorophenol
Concen: 17.901 ng/ul
RT: 15.204 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

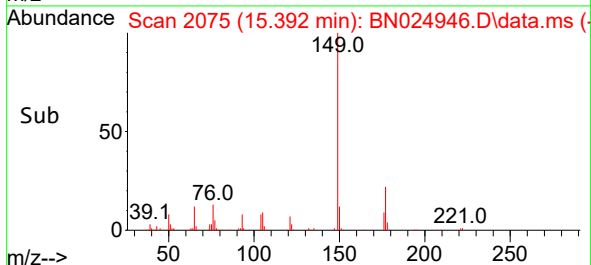
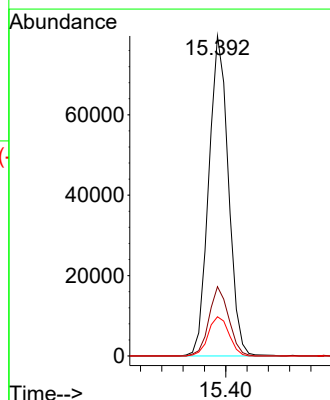
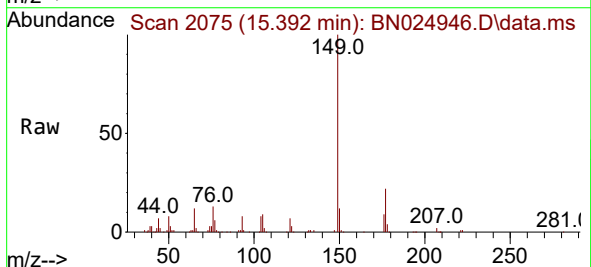
Instrument :
BNA_N
ClientSampleId :
SSTD020274

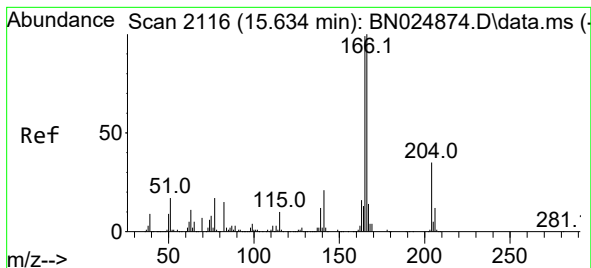
Tgt Ion:232 Resp: 21986
Ion Ratio Lower Upper
232 100
131 46.4 40.6 61.0
130 2.6 2.2 3.2
166 28.3 27.0 40.4



#59
Diethylphthalate
Concen: 19.015 ng/ul
RT: 15.392 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:149 Resp: 101923
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.3 10.1 15.1





#61

Fluorene

Concen: 22.767 ng/ul

RT: 15.628 min Scan# 2113

Delta R.T. -0.000 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

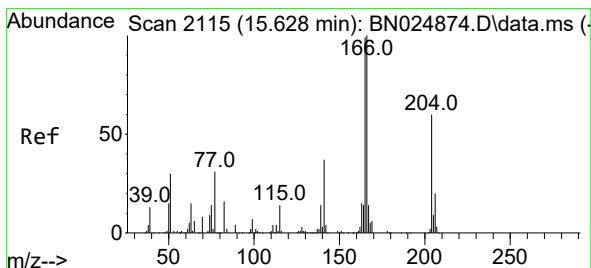
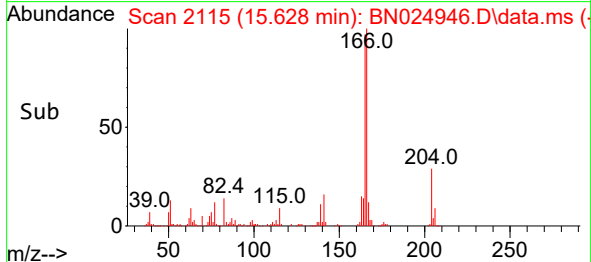
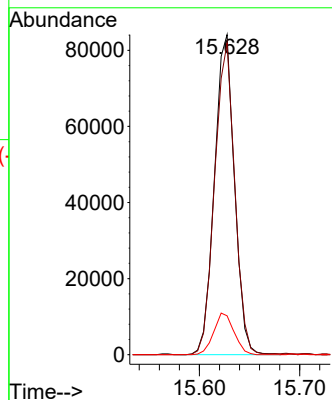
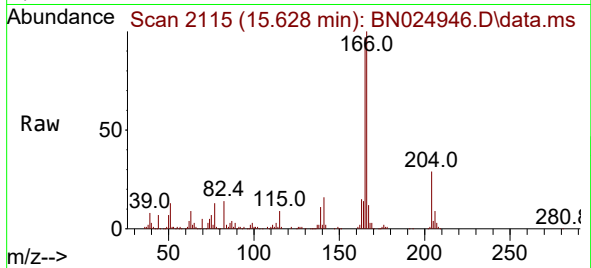
Tgt Ion:166 Resp: 116442

Ion Ratio Lower Upper

166 100

165 97.4 79.1 118.7

167 12.2 10.8 16.2



#62

4-Chlorophenyl-phenylether

Concen: 24.076 ng/ul

RT: 15.616 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

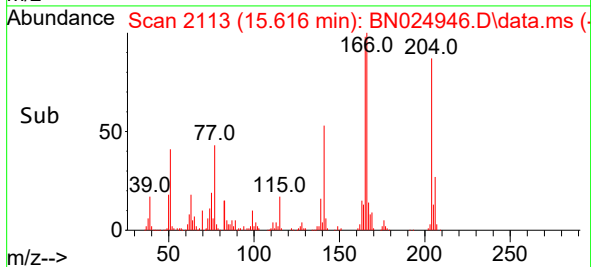
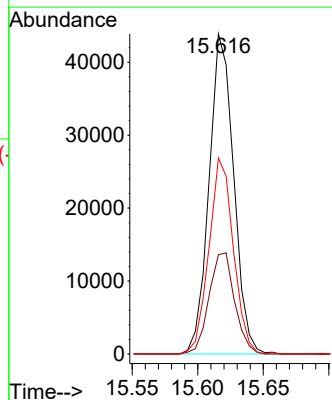
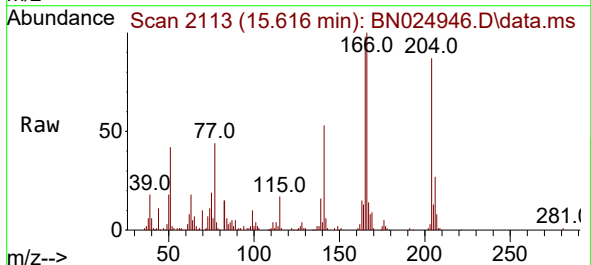
Tgt Ion:204 Resp: 57316

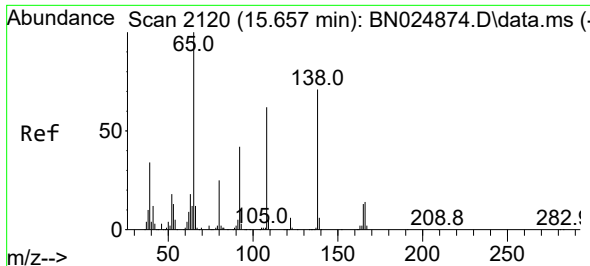
Ion Ratio Lower Upper

204 100

206 31.0 26.0 39.0

141 61.2 51.8 77.8

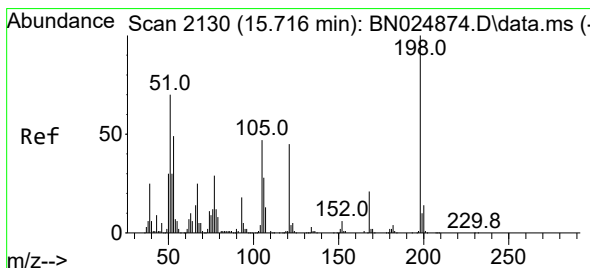
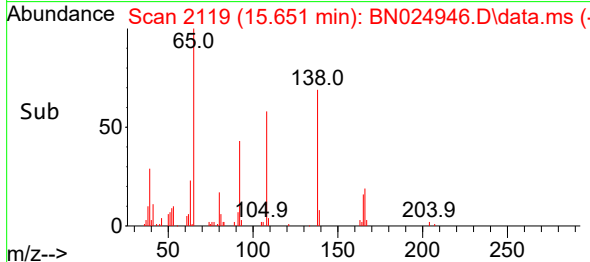
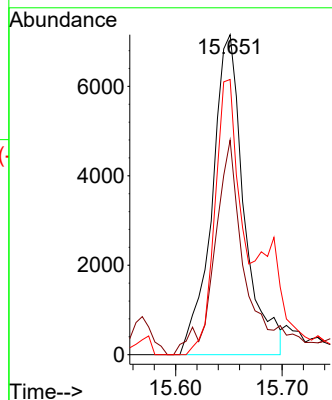
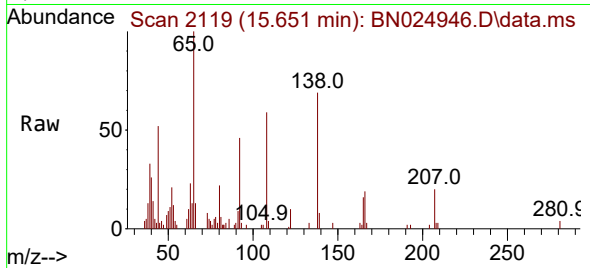




#63
4-Nitroaniline
Concen: 13.906 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

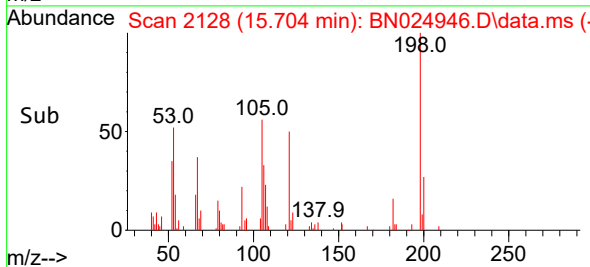
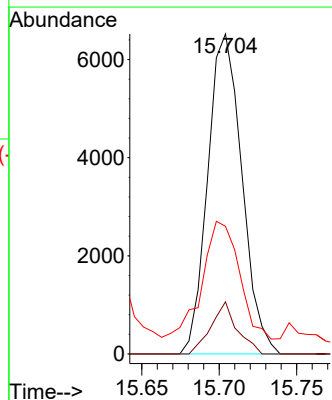
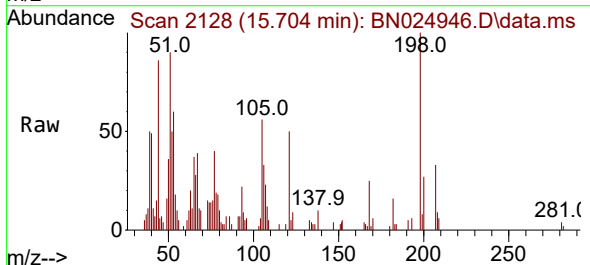
Instrument :
BNA_N
ClientSampleId :
SSTD020274

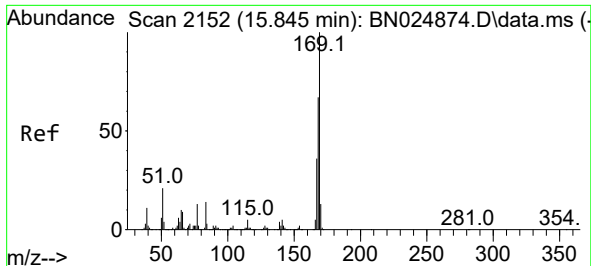
Tgt Ion:138 Resp: 14995
Ion Ratio Lower Upper
138 100
92 67.1 43.3 64.9#
108 86.0 64.2 96.4



#66
4,6-Dinitro-2-methylphenol
Concen: 11.324 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:198 Resp: 10011
Ion Ratio Lower Upper
198 100
182 16.3 3.4 5.0#
77 39.9 23.7 35.5#

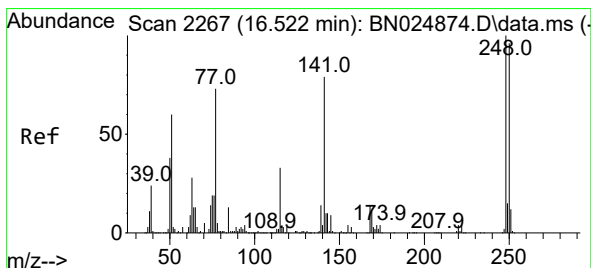
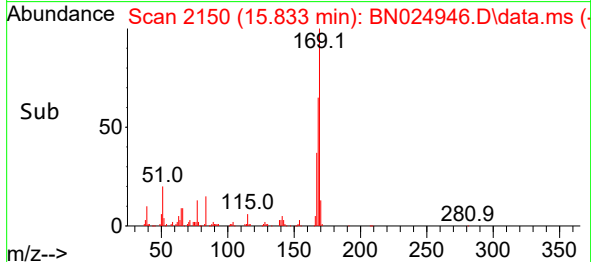
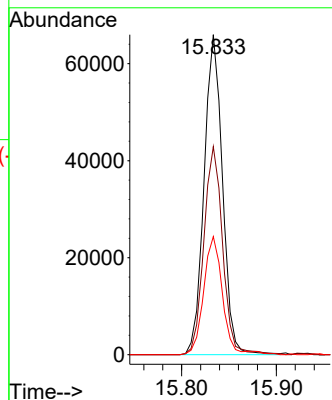
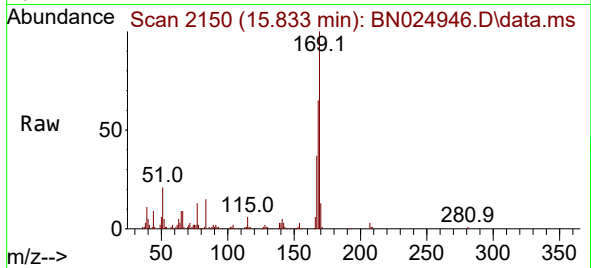




#67
N-Nitrosodiphenylamine
Concen: 21.157 ng/ul
RT: 15.833 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

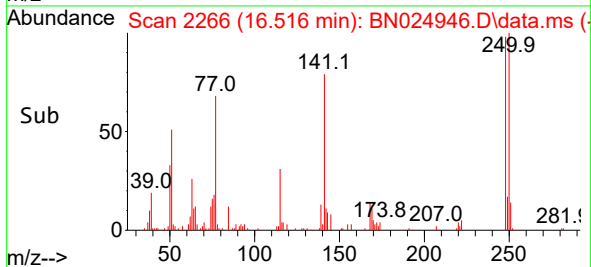
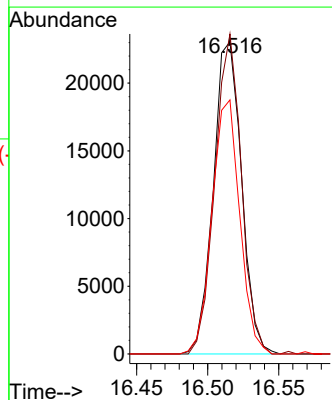
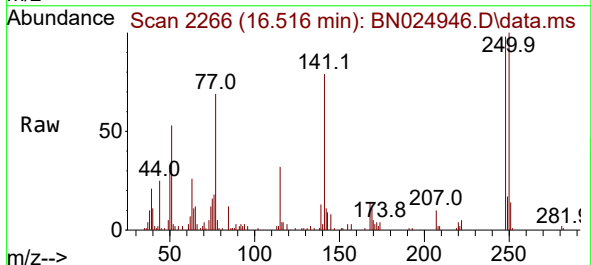
Instrument :
BNA_N
ClientSampleId :
SSTD020274

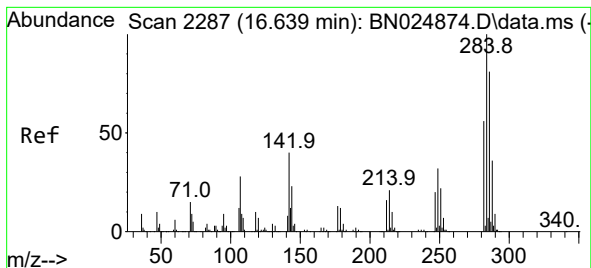
Tgt Ion:169 Resp: 89013
Ion Ratio Lower Upper
169 100
168 65.0 54.3 81.5
167 36.9 27.6 41.4



#68
4-Bromophenyl-phenylether
Concen: 22.919 ng/ul
RT: 16.516 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:248 Resp: 31948
Ion Ratio Lower Upper
248 100
250 102.5 77.1 115.7
141 81.4 62.3 93.5





#69

Hexachlorobenzene

Concen: 23.595 ng/ul

RT: 16.628 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

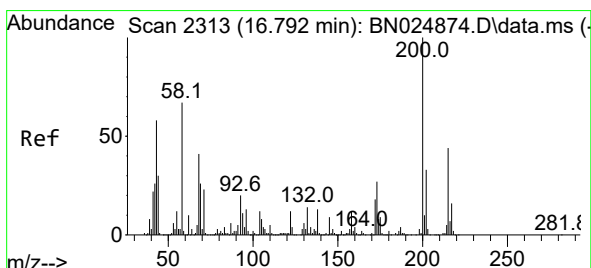
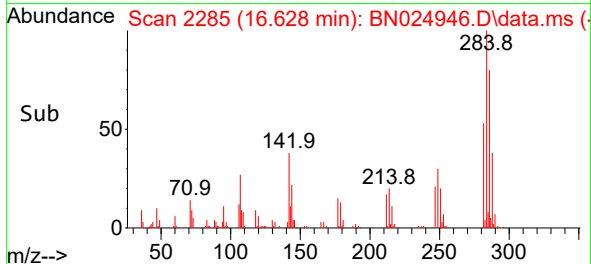
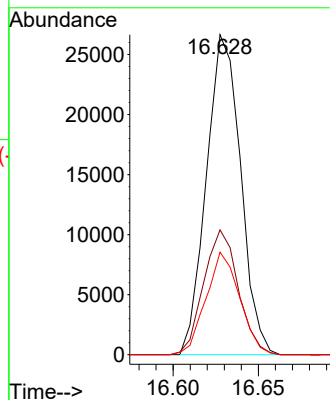
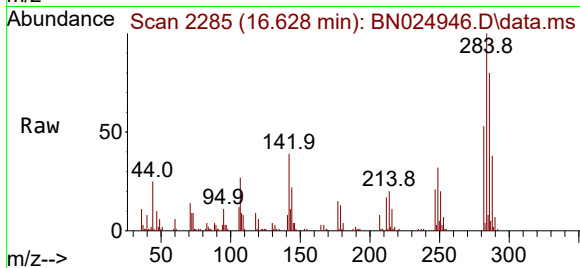
Tgt Ion:284 Resp: 37238

Ion Ratio Lower Upper

284 100

142 39.0 31.0 46.6

249 32.0 25.1 37.7



#70

Atrazine

Concen: 17.533 ng/ul

RT: 16.780 min Scan# 2311

Delta R.T. -0.012 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

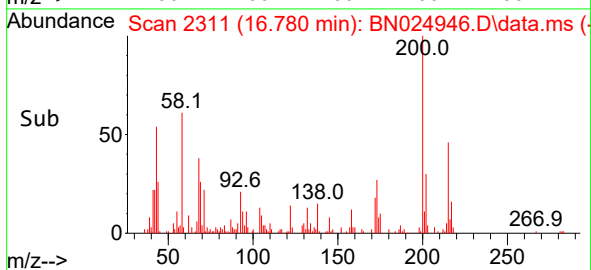
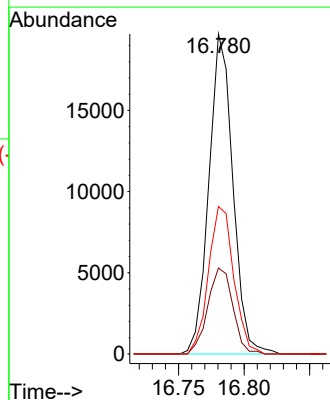
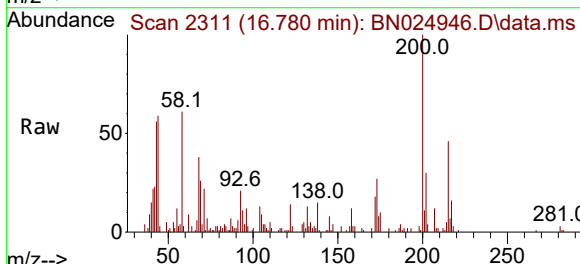
Tgt Ion:200 Resp: 25100

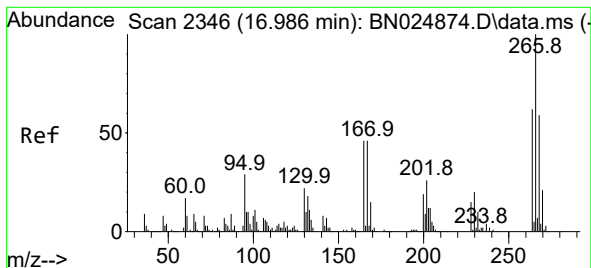
Ion Ratio Lower Upper

200 100

173 26.8 21.4 32.2

215 46.1 38.2 57.2





#71

Pentachlorophenol

Concen: 13.327 ng/ul

RT: 16.975 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN024946.D

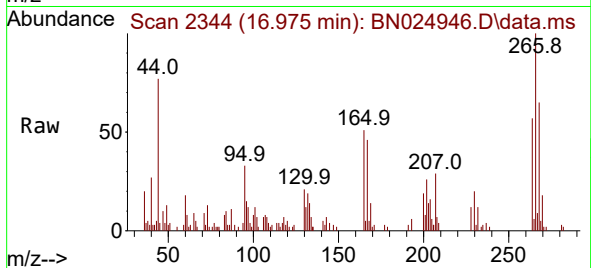
Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274



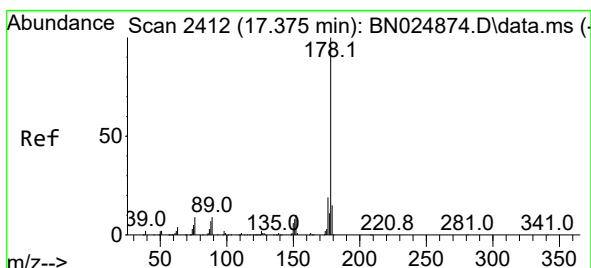
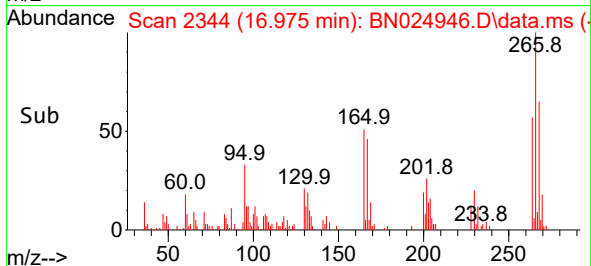
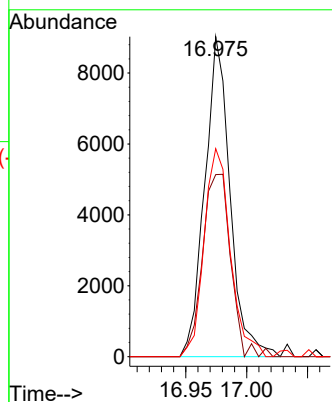
Tgt Ion:266 Resp: 13073

Ion Ratio Lower Upper

266 100

264 56.9 52.7 79.1

268 65.0 51.4 77.0



#72

Phenanthrene

Concen: 23.533 ng/ul

RT: 17.369 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

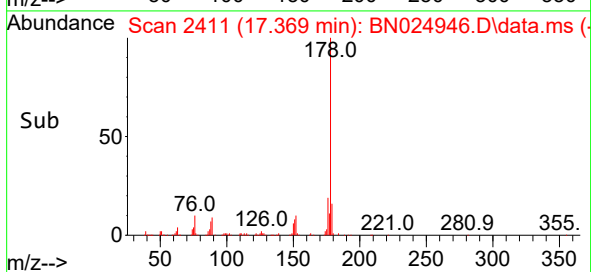
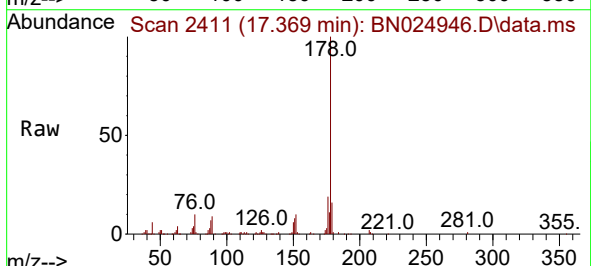
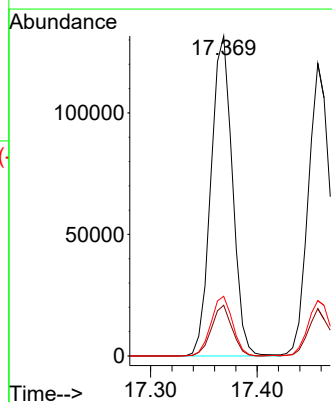
Tgt Ion:178 Resp: 184161

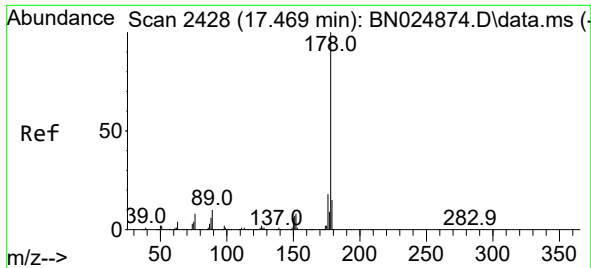
Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 18.6 15.2 22.8

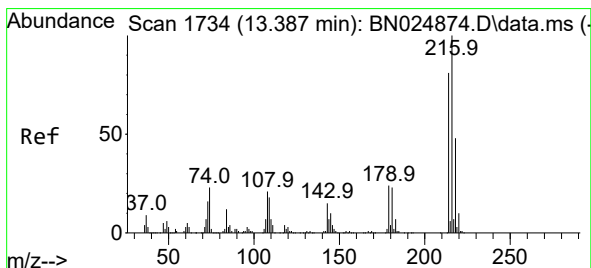
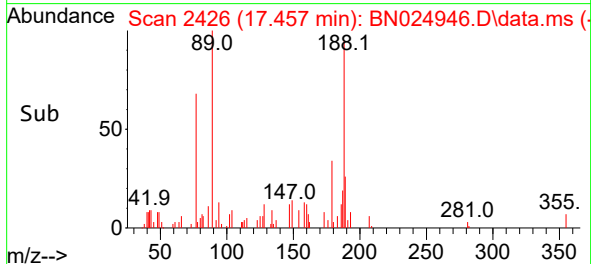
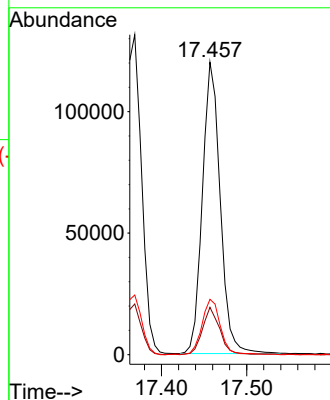
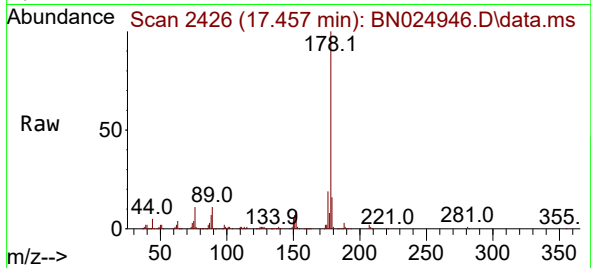




#74
 Anthracene
 Concen: 22.134 ng/uI
 RT: 17.457 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BN024946.D
 Acq: 15 Apr 2023 22:32

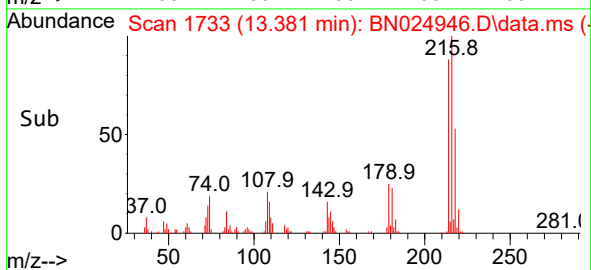
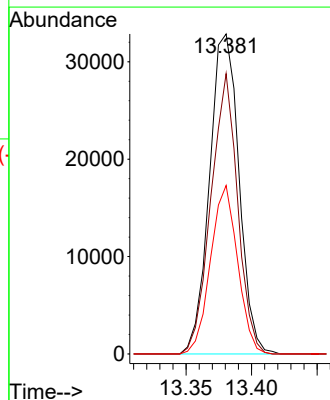
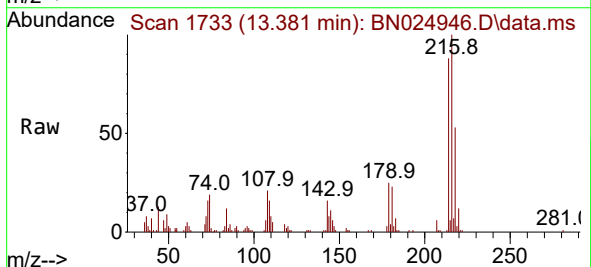
Instrument :
 BNA_N
 ClientSampleId :
 SSTD020274

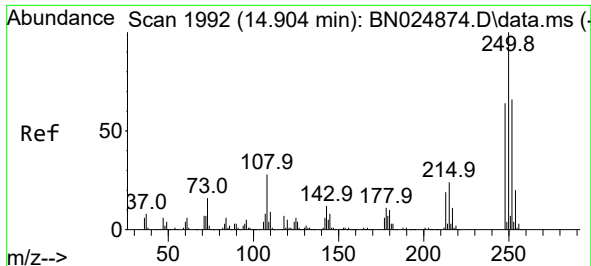
Tgt Ion:178 Resp: 174545
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.2 18.4
 176 18.9 14.6 21.8



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 26.077 ng/uL
 RT: 13.381 min Scan# 1733
 Delta R.T. -0.006 min
 Lab File: BN024946.D
 Acq: 15 Apr 2023 22:32

Tgt Ion:216 Resp: 51435
 Ion Ratio Lower Upper
 216 100
 214 87.6 62.5 93.7
 218 52.6 37.7 56.5

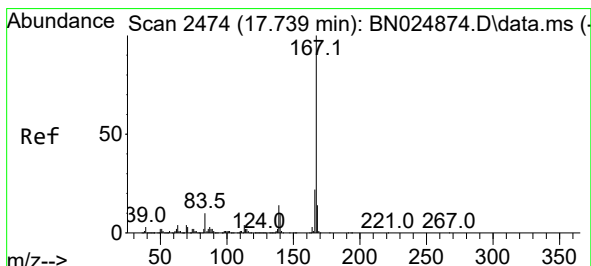
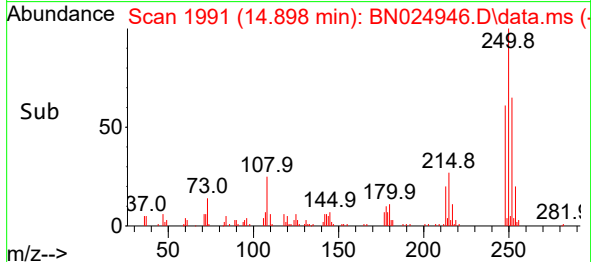
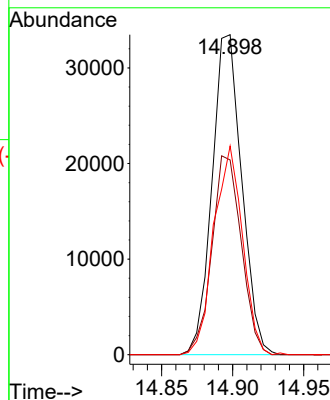
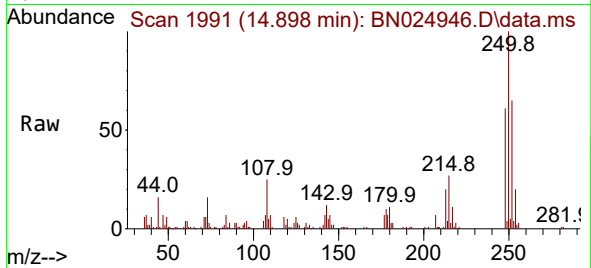




#76
 Pentachlorobenzene
 Concen: 25.754 ng/uL
 RT: 14.898 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN024946.D
 Acq: 15 Apr 2023 22:32

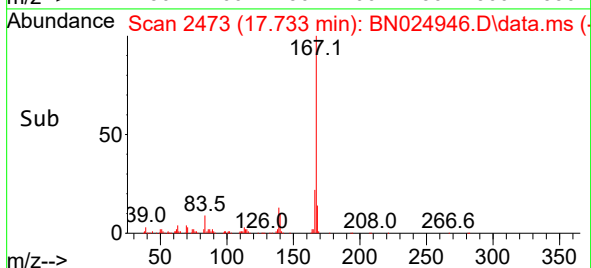
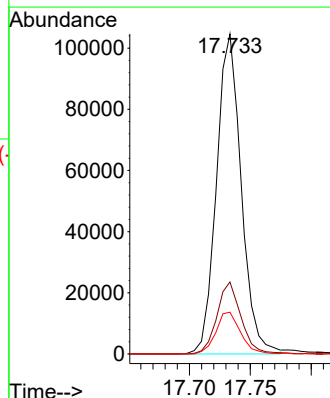
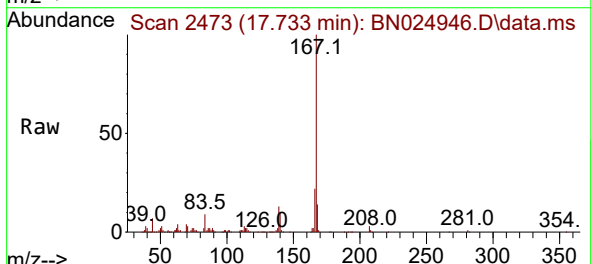
Instrument :
 BNA_N
 ClientSampleId :
 SST020274

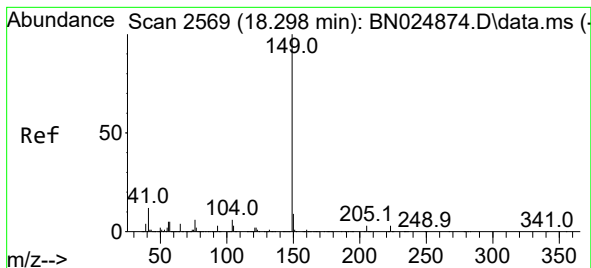
Tgt Ion:250 Resp: 48602
 Ion Ratio Lower Upper
 250 100
 248 60.8 50.8 76.2
 252 65.2 51.8 77.6



#77
 Carbazole
 Concen: 20.793 ng/uL
 RT: 17.733 min Scan# 2473
 Delta R.T. -0.000 min
 Lab File: BN024946.D
 Acq: 15 Apr 2023 22:32

Tgt Ion:167 Resp: 148051
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.6 24.8
 139 13.0 10.2 15.4





#78

Di-n-butylphthalate

Concen: 16.536 ng/ul

RT: 18.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

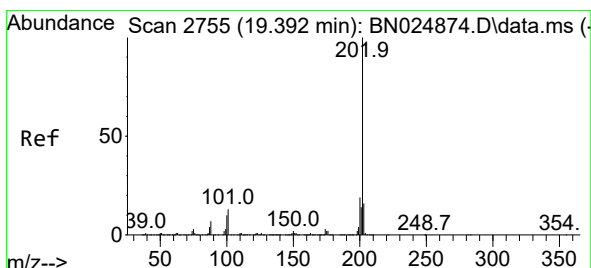
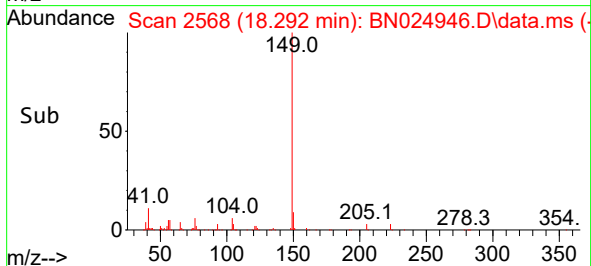
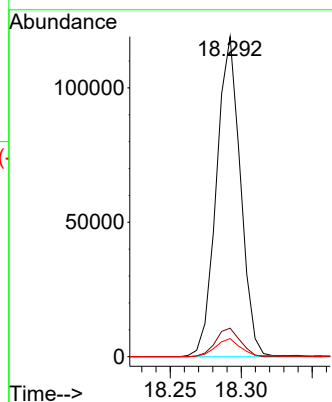
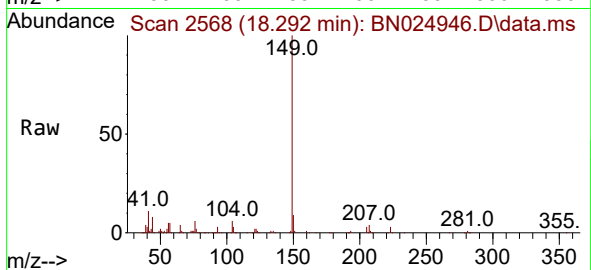
Tgt Ion:149 Resp: 139754

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 5.7 4.2 6.4



#80

Fluoranthene

Concen: 18.152 ng/ul

RT: 19.386 min Scan# 2754

Delta R.T. -0.000 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

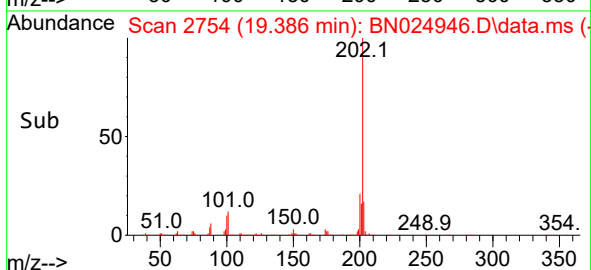
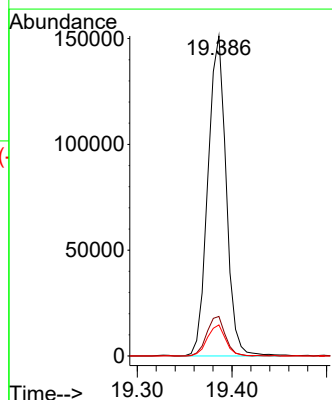
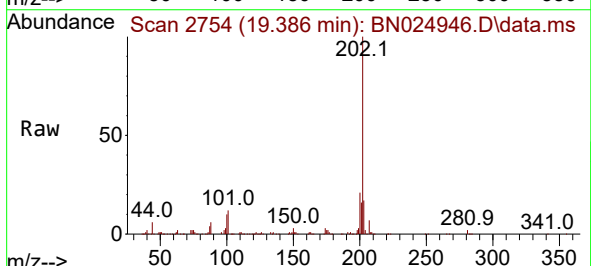
Tgt Ion:202 Resp: 202221

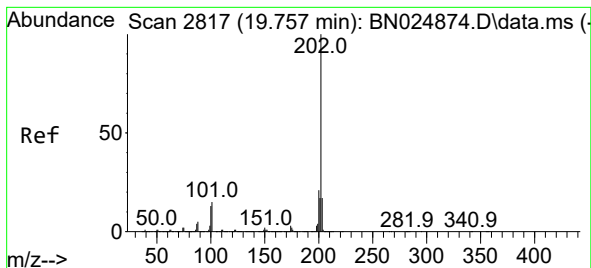
Ion Ratio Lower Upper

202 100

101 12.4 10.7 16.1

100 9.7 7.9 11.9





#82

Pyrene

Concen: 18.711 ng/ul

RT: 19.745 min Scan# 219414

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

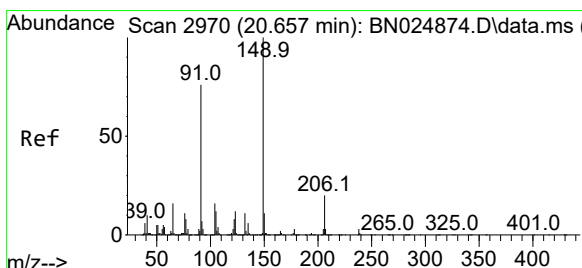
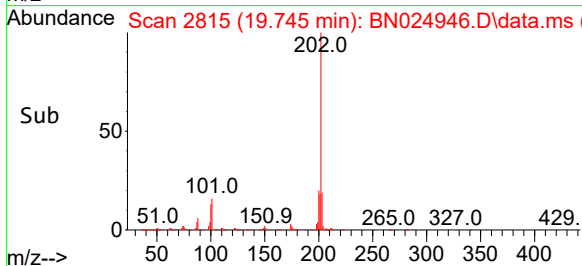
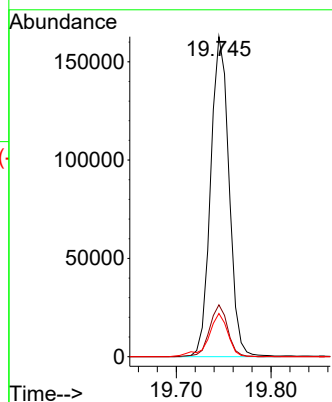
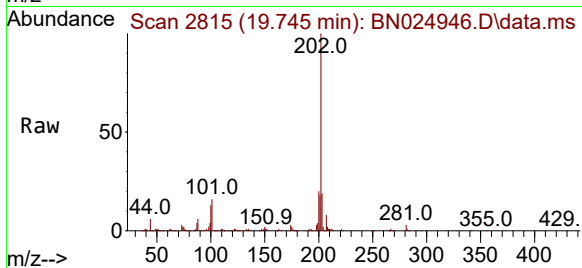
Tgt Ion:202 Resp: 219414

Ion Ratio Lower Upper

202 100

101 16.2 13.0 19.6

100 13.5 11.0 16.6



#83

Butylbenzylphthalate

Concen: 12.405 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

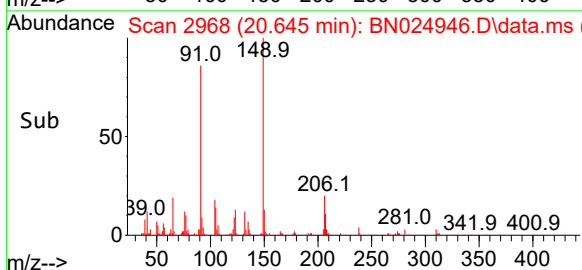
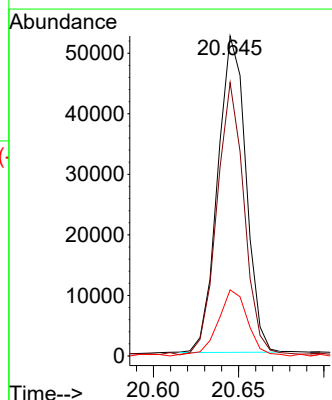
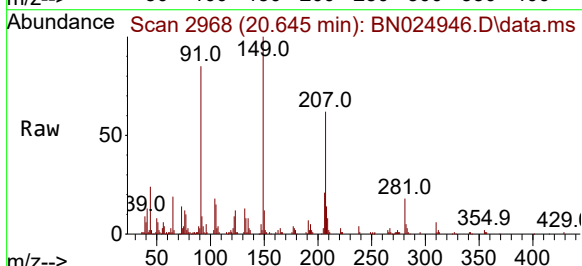
Tgt Ion:149 Resp: 60394

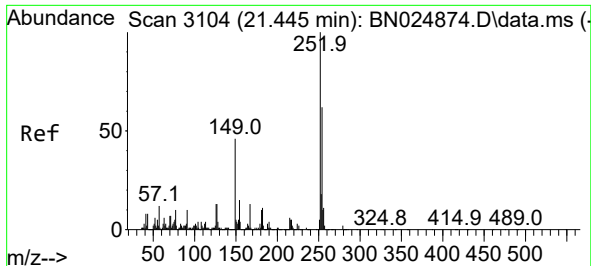
Ion Ratio Lower Upper

149 100

91 85.5 62.6 93.8

206 20.7 16.2 24.2

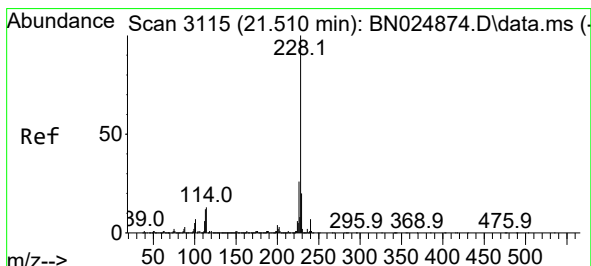
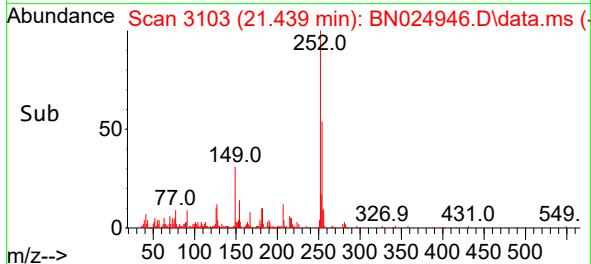
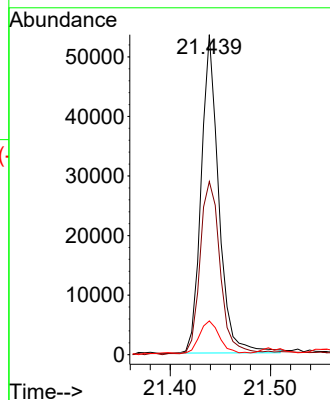
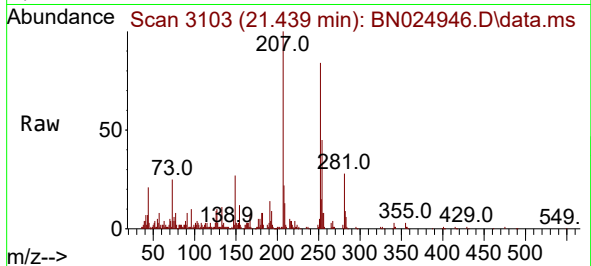




#84
3,3'-Dichlorobenzidine
Concen: 17.772 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

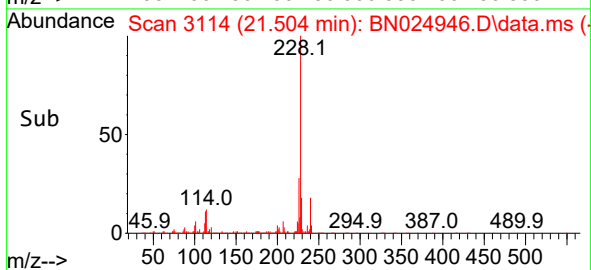
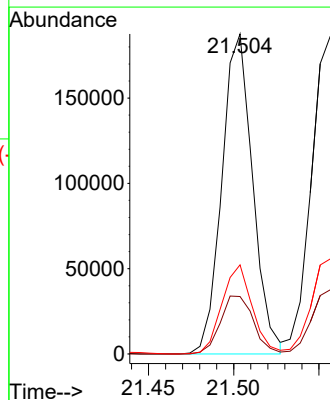
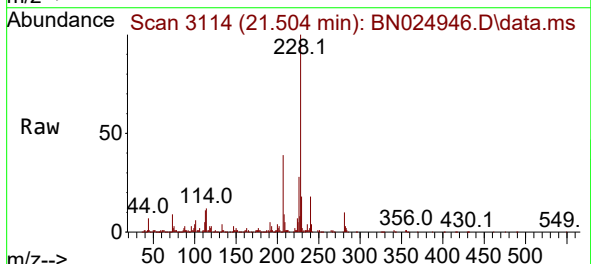
Instrument :
BNA_N
ClientSampleId :
SSTD020274

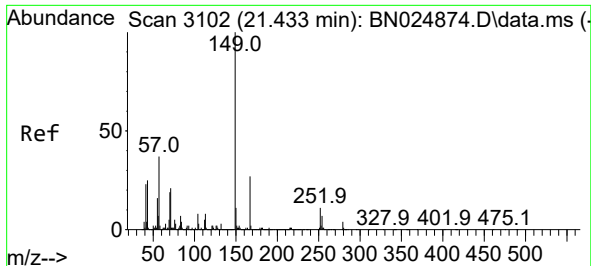
Tgt Ion:252 Resp: 65273
Ion Ratio Lower Upper
252 100
254 54.1 52.2 78.2
126 10.5 11.4 17.2#



#85
Benzo(a)anthracene
Concen: 20.545 ng/ul
RT: 21.504 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN024946.D
Acq: 15 Apr 2023 22:32

Tgt Ion:228 Resp: 236206
Ion Ratio Lower Upper
228 100
229 18.0 16.2 24.2
226 27.9 20.7 31.1

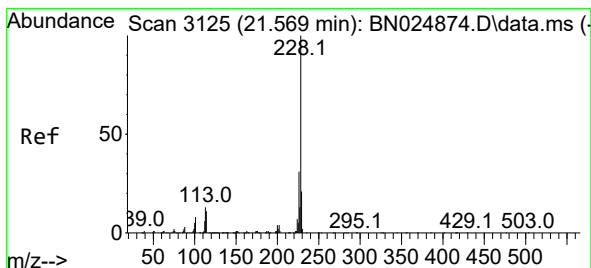
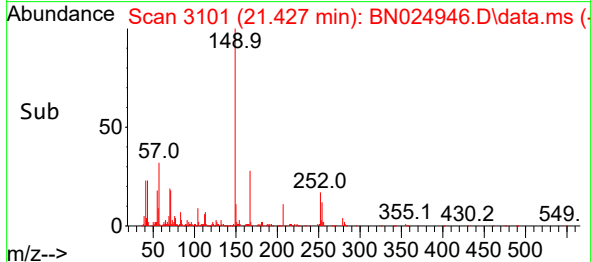
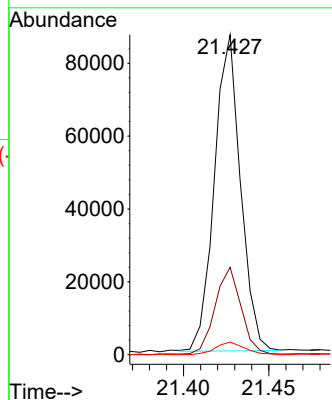
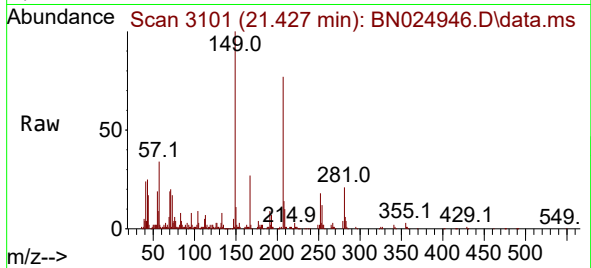




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 12.730 ng/ul
 RT: 21.427 min Scan# 3102
 Delta R.T. -0.000 min
 Lab File: BN024946.D
 Acq: 15 Apr 2023 22:32

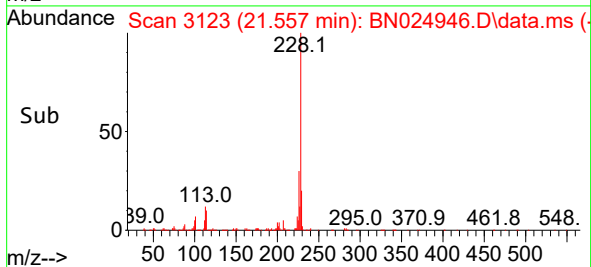
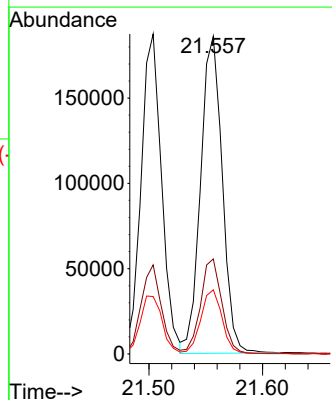
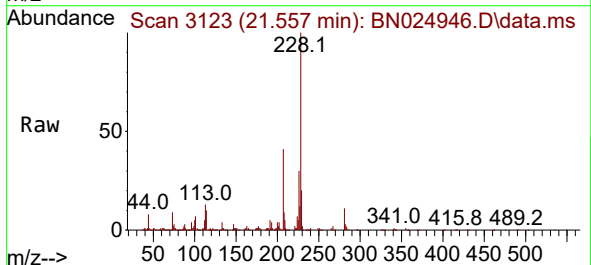
Instrument :
 BNA_N
 ClientSampleId :
 SST020274

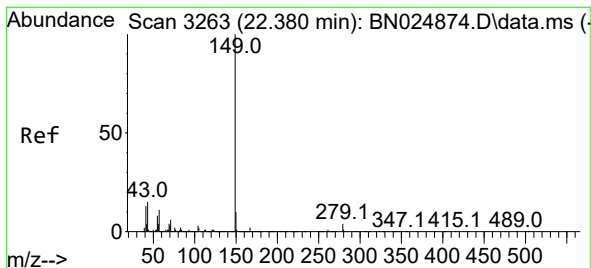
Tgt Ion:149 Resp: 92520
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 3.9 2.9 4.3



#87
 Chrysene
 Concen: 22.475 ng/ul
 RT: 21.557 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BN024946.D
 Acq: 15 Apr 2023 22:32

Tgt Ion:228 Resp: 246120
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.4 33.6
 229 20.2 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 12.211 ng/ul

RT: 22.368 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

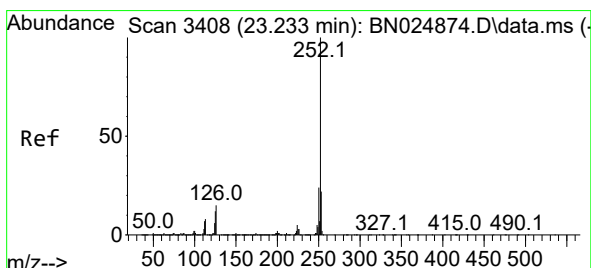
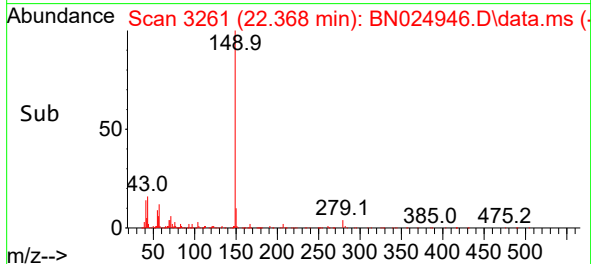
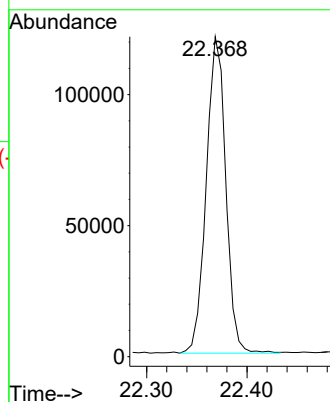
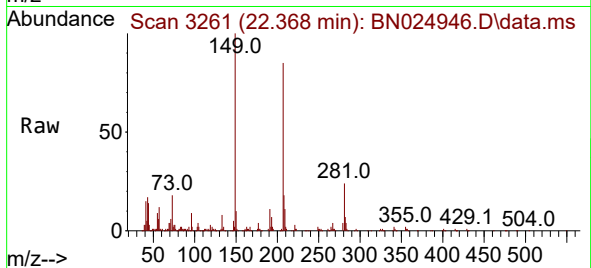
Instrument :

BNA_N

ClientSampleId :

SSTD020274

Tgt Ion:149 Resp: 163475



#90

Benzo(b)fluoranthene

Concen: 21.971 ng/ul

RT: 23.215 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

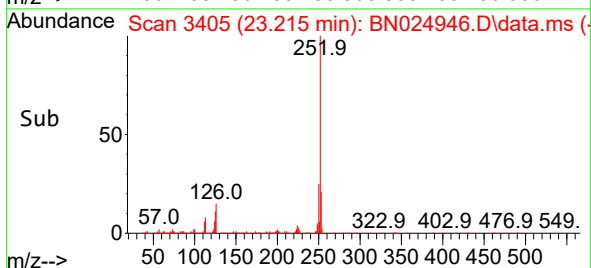
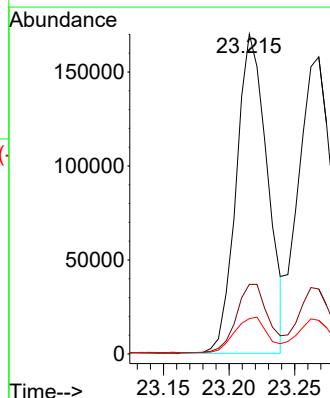
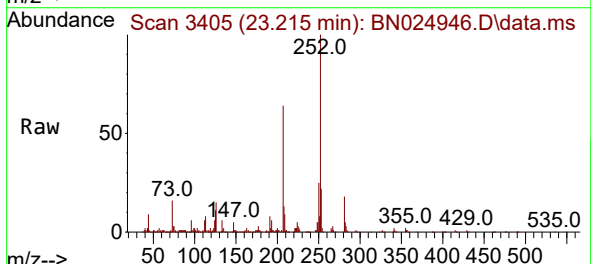
Tgt Ion:252 Resp: 280692

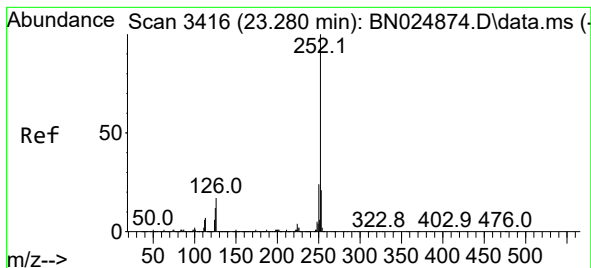
Ion Ratio Lower Upper

252 100

253 21.8 19.2 28.8

125 11.1 10.4 15.6





#91

Benzo(k)fluoranthene

Concen: 22.718 ng/ul

RT: 23.268 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

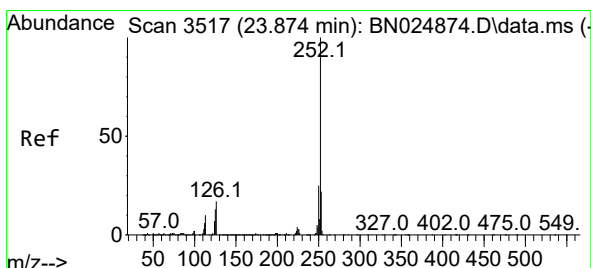
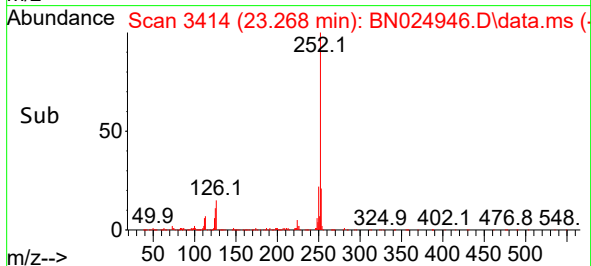
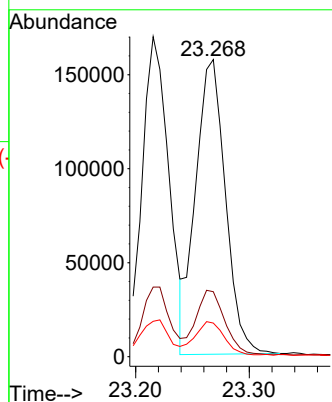
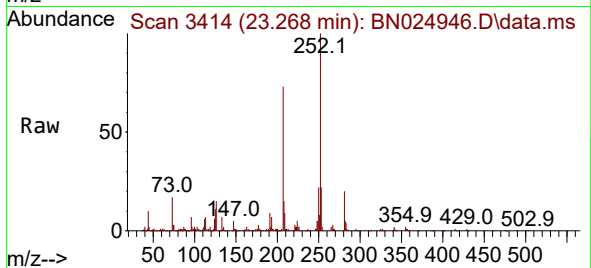
Tgt Ion:252 Resp: 285597

Ion Ratio Lower Upper

252 100

253 21.8 16.7 25.1

125 11.3 9.3 13.9



#93

Benzo(a)pyrene

Concen: 22.832 ng/ul

RT: 23.862 min Scan# 3515

Delta R.T. -0.012 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

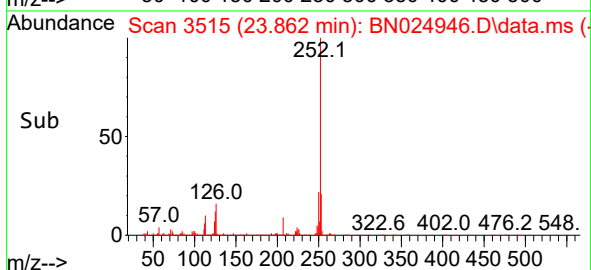
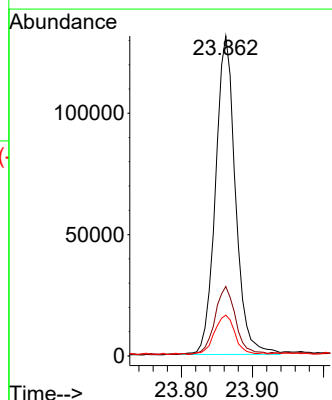
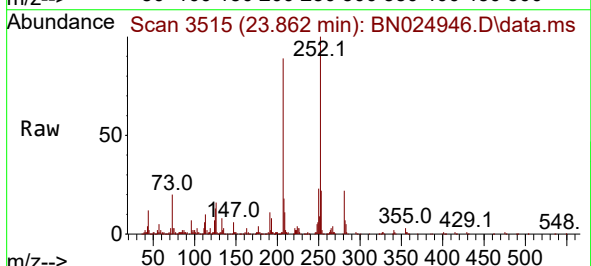
Tgt Ion:252 Resp: 255388

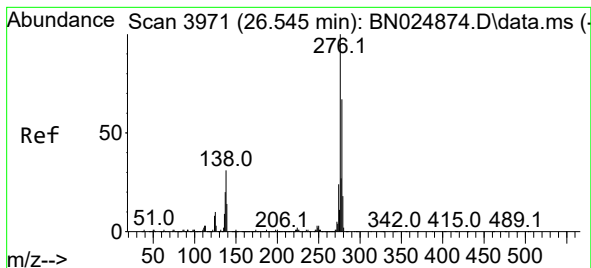
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 12.8 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 25.533 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. -0.018 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274

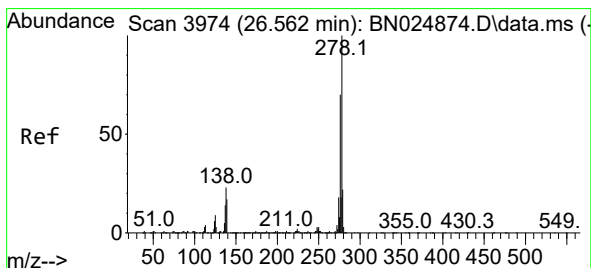
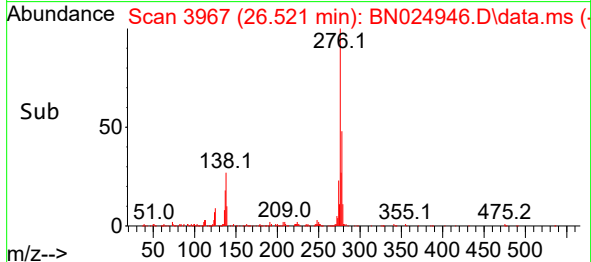
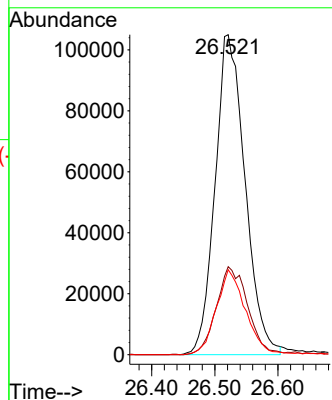
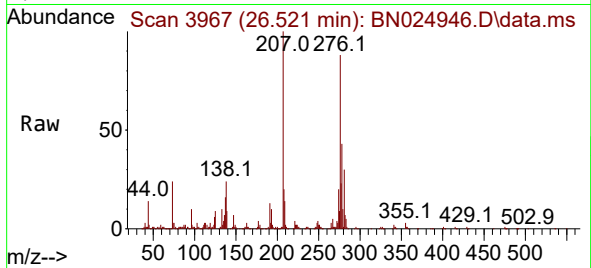
Tgt Ion:276 Resp: 346034

Ion Ratio Lower Upper

276 100

138 27.5 21.9 32.9

277 26.6 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 26.242 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. -0.018 min

Lab File: BN024946.D

Acq: 15 Apr 2023 22:32

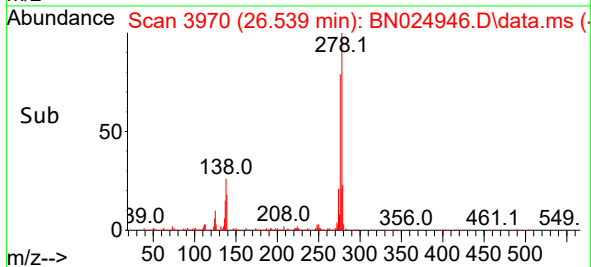
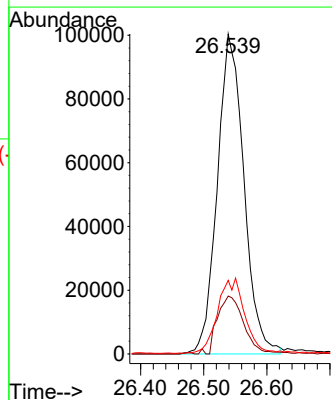
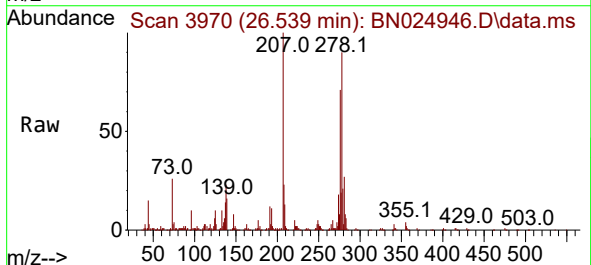
Tgt Ion:278 Resp: 293609

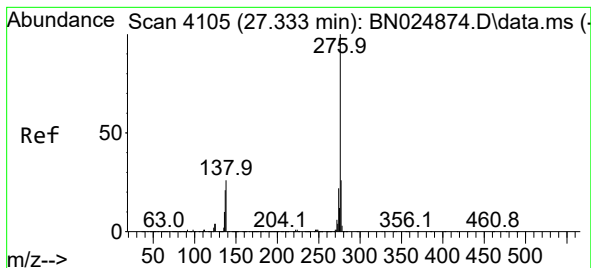
Ion Ratio Lower Upper

278 100

139 18.1 14.6 21.8

279 23.0 18.2 27.4





#96

Benzo(g,h,i)perylene

Concen: 26.239 ng/ul

RT: 27.309 min Scan# 41

Delta R.T. -0.018 min

Lab File: BN024946.D

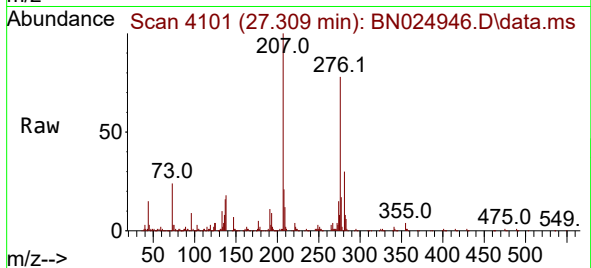
Acq: 15 Apr 2023 22:32

Instrument :

BNA_N

ClientSampleId :

SSTD020274



Tgt Ion:276 Resp: 288551

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.8

277 22.4 17.6 26.4

