

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041723\
 Data File : BN024950.D
 Acq On : 17 Apr 2023 11:43
 Operator : CG/JU
 Sample : PB152129BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS129

Quant Time: Apr 18 01:12:25 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	299352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	1353578	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	838522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.327	188	1816095	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	1752910	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1872783	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	44140	5.612	ng/uL	0.00
4) Pyridine-d5	3.728	84	842925	35.790	ng/u1	0.00
7) Phenol-d5	7.093	99	928921	31.829	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	601661	30.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	696866	32.491	ng/u1	0.00
15) 4-Methylphenol-d8	8.645	113	725686	31.321	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	341764	31.184	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	382642	32.233	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	687447	32.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	613969	19.067	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	2050215	31.540	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	2374612	31.878	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	437523	32.835	ng/u1	0.00
60) Fluorene-d10	15.569	176	1759331	32.056	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	396850	33.577	ng/u1	0.00
73) Anthracene-d10	17.427	188	2824933	33.119	ng/u1	0.00
81) Pyrene-d10	19.721	212	3254298	31.971	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	3229940	32.985	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	106165	12.508	ng/uL	97
5) Pyridine	3.746	79	986951	40.560	ng/u1	96
6) Benzaldehyde	7.069	77	252881	17.734	ng/u1	99
8) Phenol	7.122	94	1031769	33.946	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.351	93	773669	32.423	ng/u1	98
12) 2-Chlorophenol	7.493	128	753938	33.657	ng/u1	99
13) 2-Methylphenol	8.381	108	747163	33.482	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1488356	31.765	ng/u1	99
16) Acetophenone	8.763	105	1192578	32.553	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.751	70	643096	32.544	ng/u1	98
18) 4-Methylphenol	8.710	108	830868	33.482	ng/u1	96
19) Hexachloroethane	9.016	117	294757	32.603	ng/u1	97
22) Nitrobenzene	9.145	77	969824	32.932	ng/u1	99
23) Isophorone	9.669	82	1754134	32.449	ng/u1	99
25) 2-Nitrophenol	9.857	139	432660	33.787	ng/u1	99
26) 2,4-Dimethylphenol	9.916	107	901922	33.452	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.157	93	1061020	31.538	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	714591	33.556	ng/u1	96
30) Naphthalene	10.798	128	2454558	32.470	ng/u1	99
32) 4-Chloroaniline	10.910	127	642258	19.703	ng/u1	99
33) Hexachlorobutadiene	11.081	225	408949	32.947	ng/u1	97
34) Caprolactam	11.687	113	142341	19.070	ng/u1	100
35) 4-Chloro-3-methylphenol	12.034	107	867657	34.750	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	1638790	32.802	ng/u1	99

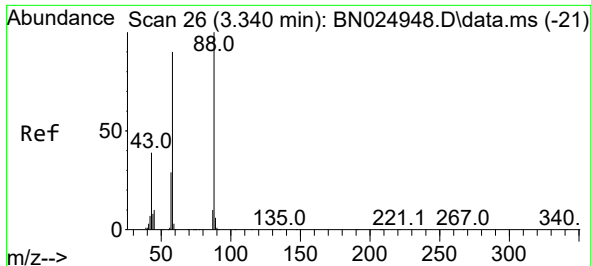
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	1672626	33.538	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	805809	32.945	ng/ul	96
40) Hexachlorocyclopentadiene	12.751	237	470996	31.579	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	549517	32.882	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	631110	34.509	ng/ul	96
43) 1,1'-Biphenyl	13.416	154	2209469	33.071	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1709881	32.961	ng/ul	100
45) 2-Nitroaniline	13.663	65	647524	35.746	ng/ul	99
47) Dimethylphthalate	14.039	163	2190034	33.485	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	453767	35.544	ng/ul	100
50) Acenaphthylene	14.304	152	2711151	33.137	ng/ul	98
51) 3-Nitroaniline	14.486	138	494992	36.896	ng/ul	99
52) Acenaphthene	14.645	153	1869483	33.051	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	283896	34.587	ng/ul	92
55) 4-Nitrophenol	14.792	109	381017	35.133	ng/ul	97
56) Dibenzofuran	14.980	168	2608342	33.456	ng/ul	96
57) 2,4-Dinitrotoluene	14.945	165	678677	36.725	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	489650	32.515	ng/ul	98
59) Diethylphthalate	15.398	149	2274921	34.615	ng/ul	99
61) Fluorene	15.627	166	2131110	33.984	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.622	204	1005618	34.452	ng/ul	98
63) 4-Nitroaniline	15.651	138	513187	38.817	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	413252	35.694	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	1703906	30.925	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	607776	33.294	ng/ul	99
69) Hexachlorobenzene	16.633	284	692340	33.498	ng/ul	97
71) Pentachlorophenol	16.974	266	418512	32.578	ng/ul	98
72) Phenanthrene	17.369	178	3470546	33.864	ng/ul	99
74) Anthracene	17.463	178	3481349	33.711	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	808819	31.312	ng/uL	95
76) Pentachlorobenzene	14.898	250	830970	33.624	ng/uL	98
77) Carbazole	17.733	167	3149724	33.779	ng/ul	99
78) Di-n-butylphthalate	18.292	149	3924308	35.457	ng/ul	100
80) Fluoranthene	19.386	202	4063135	33.306	ng/ul	99
82) Pyrene	19.751	202	4258408	33.163	ng/ul	98
83) Butylbenzylphthalate	20.651	149	1881531	35.293	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	582948	14.494	ng/ul	94
85) Benzo(a)anthracene	21.509	228	4274246	33.951	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.427	149	2753259	34.595	ng/ul	99
87) Chrysene	21.562	228	4011178	33.450	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	4916934	38.204	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	4373753	35.612	ng/ul	95
91) Benzo(k)fluoranthene	23.268	252	4378919	36.234	ng/ul	99
93) Benzo(a)pyrene	23.856	252	3802271	35.360	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	4341955	33.327	ng/ul	97
95) Dibenzo(a,h)anthracene	26.521	278	3666512	34.088	ng/ul	97
96) Benzo(g,h,i)perylene	27.292	276	3473954	32.860	ng/ul	98

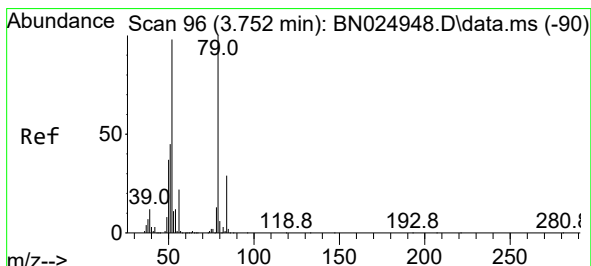
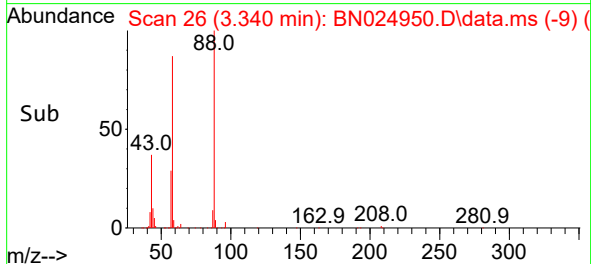
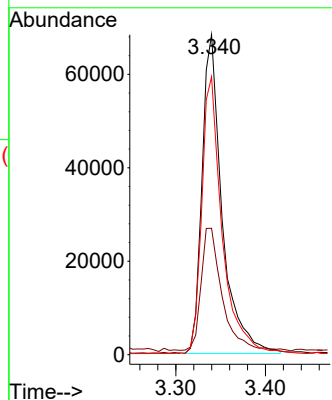
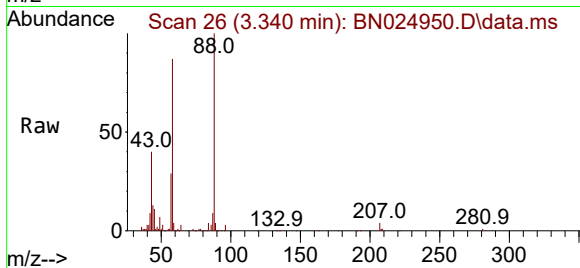
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#2
1,4-Dioxane
Concen: 12.508 ng/uL
RT: 3.340 min Scan# 20
Delta R.T. -0.000 min
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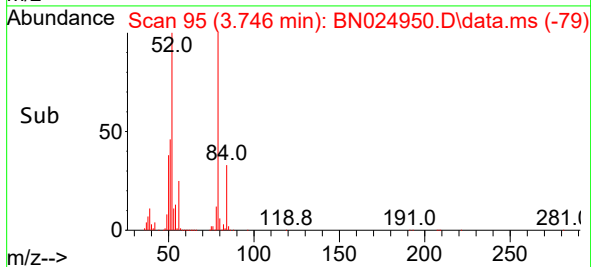
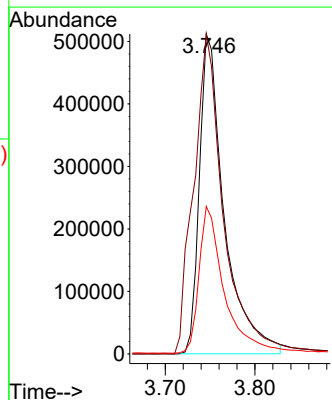
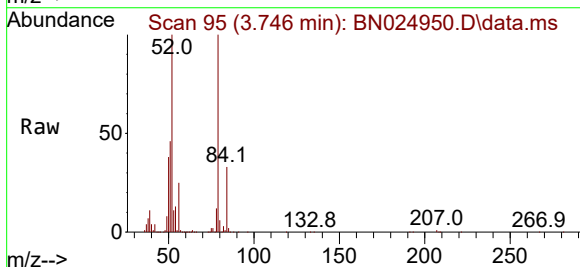
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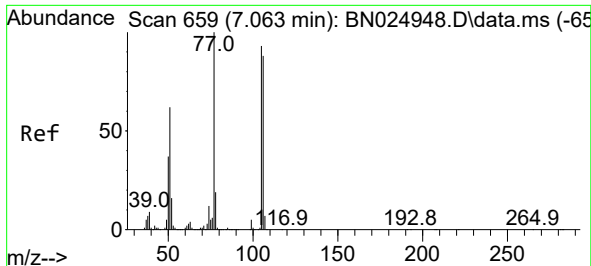
Tgt Ion: 88 Resp: 106165
Ion Ratio Lower Upper
88 100
43 39.5 33.0 49.4
58 86.8 72.3 108.5



#5
Pyridine
Concen: 40.560 ng/uL
RT: 3.746 min Scan# 95
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion: 79 Resp: 986951
Ion Ratio Lower Upper
79 100
52 100.0 76.1 114.1
51 46.1 35.8 53.6

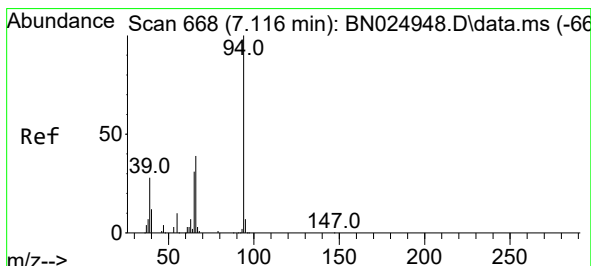
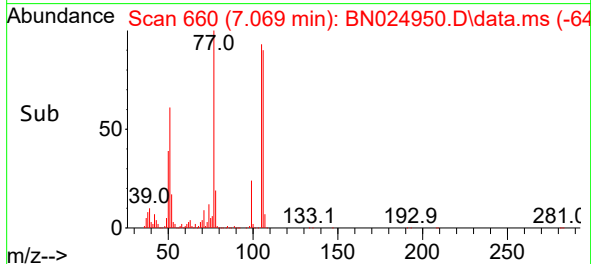
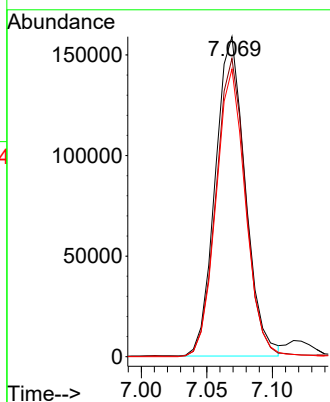
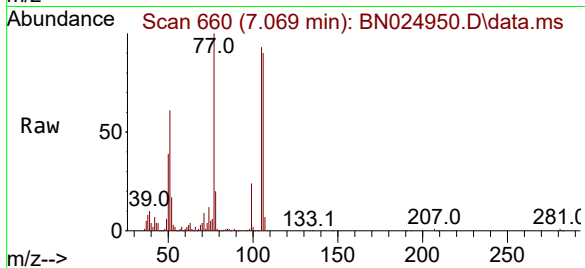




#6
Benzaldehyde
Concen: 17.734 ng/ul
RT: 7.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

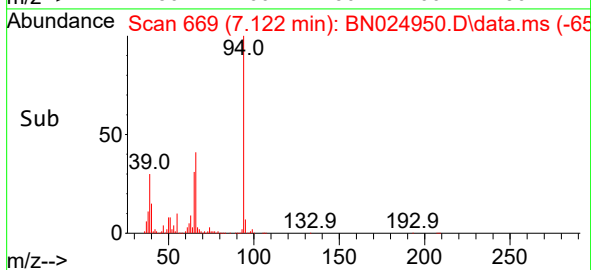
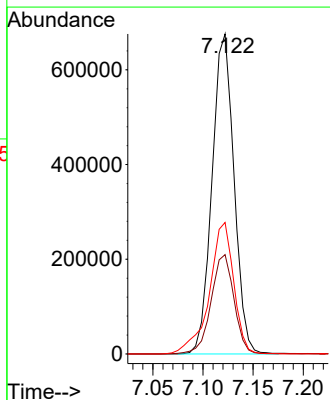
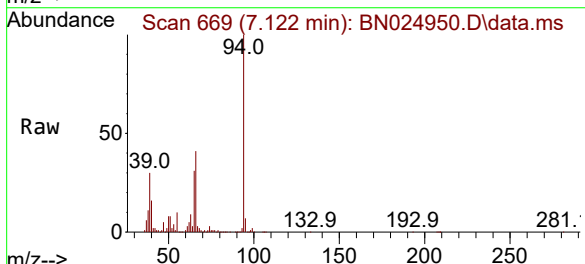
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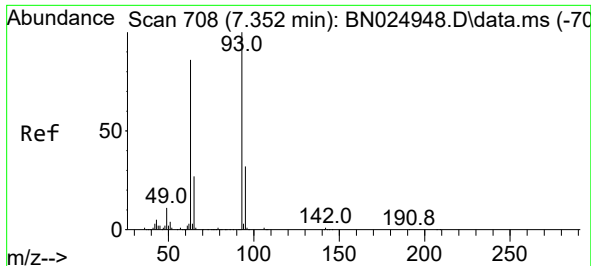
Tgt Ion: 77 Resp: 252881
Ion Ratio Lower Upper
77 100
105 93.2 74.3 111.5
106 89.9 73.3 109.9



#8
Phenol
Concen: 33.946 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion: 94 Resp: 1031769
Ion Ratio Lower Upper
94 100
65 31.1 25.1 37.7
66 41.1 31.9 47.9

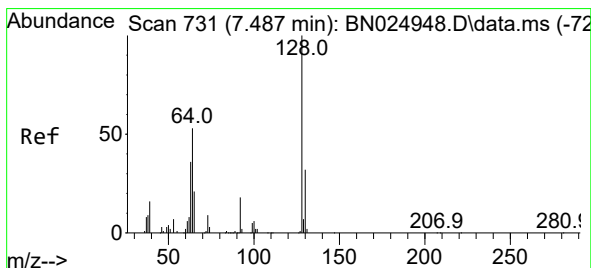
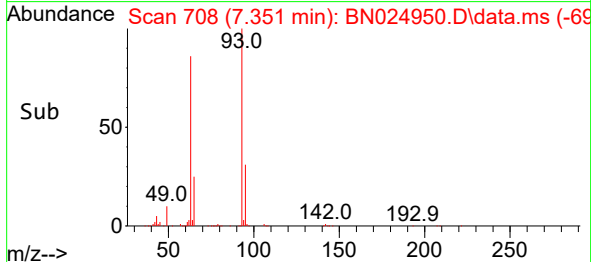
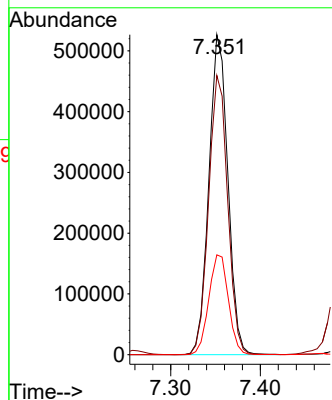
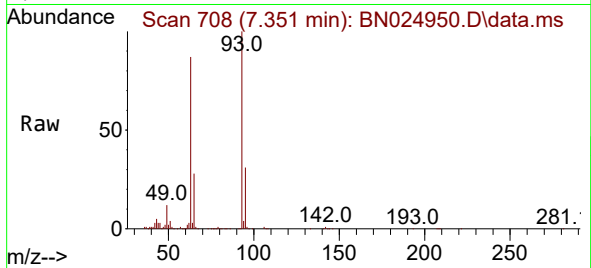




#10
 Bis(2-Chloroethyl)ether
 Concen: 32.423 ng/ul
 RT: 7.351 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

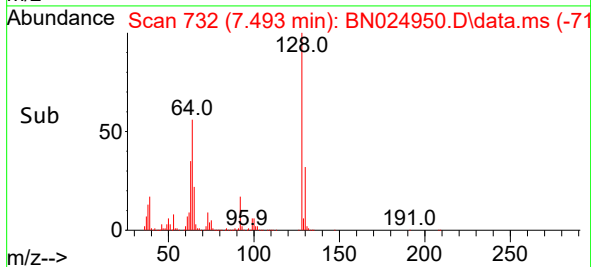
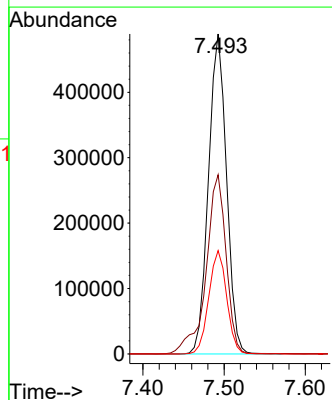
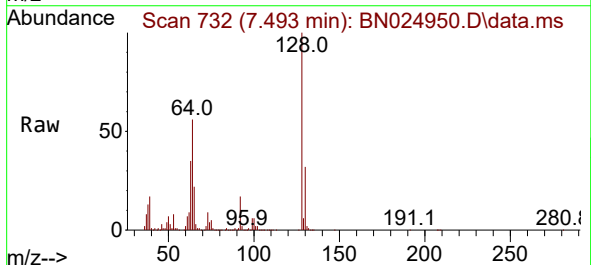
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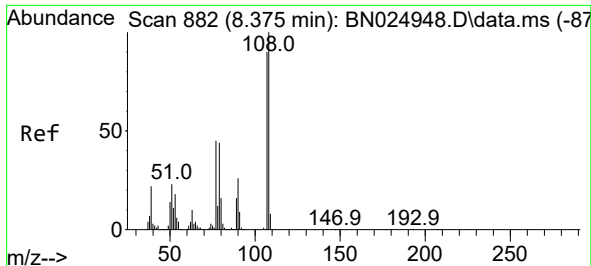
Tgt Ion: 93 Resp: 773669
 Ion Ratio Lower Upper
 93 100
 63 87.3 70.9 106.3
 95 31.2 26.0 39.0



#12
 2-Chlorophenol
 Concen: 33.657 ng/ul
 RT: 7.493 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Tgt Ion:128 Resp: 753938
 Ion Ratio Lower Upper
 128 100
 64 56.0 44.8 67.2
 130 32.3 26.6 39.8

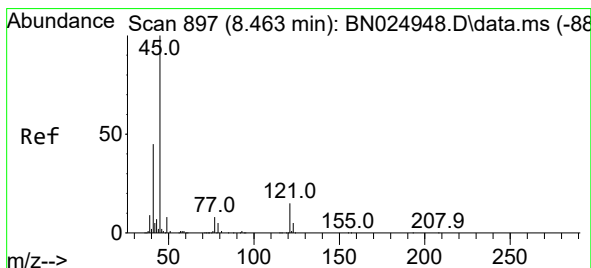
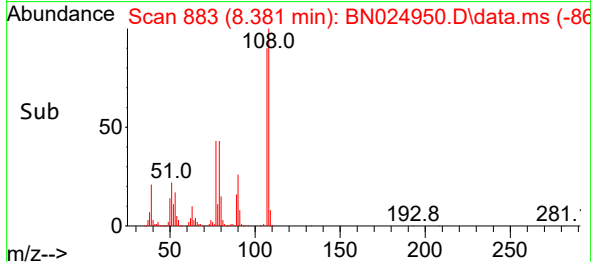
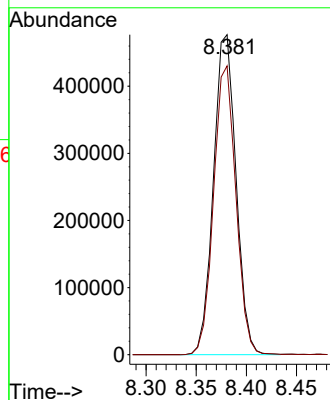
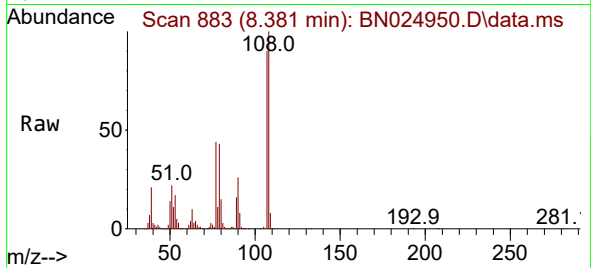




#13
2-Methylphenol
Concen: 33.482 ng/ul
RT: 8.381 min Scan# 883
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

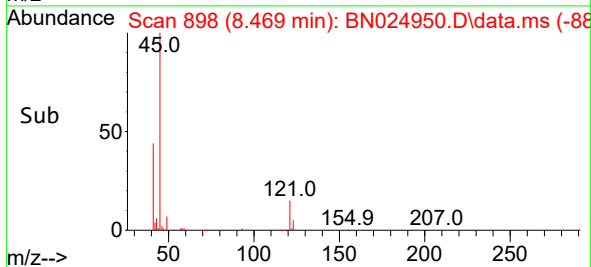
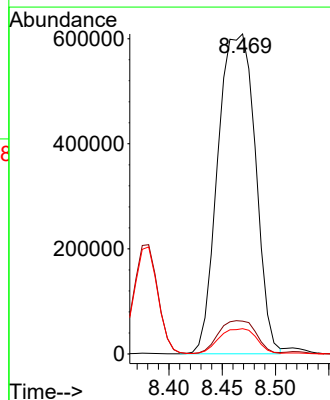
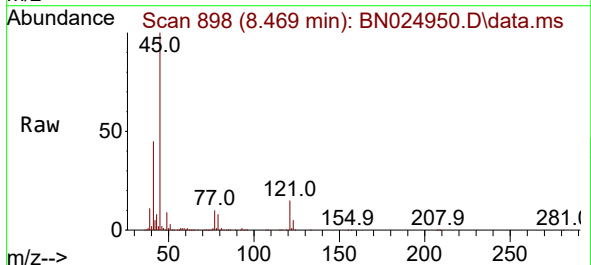
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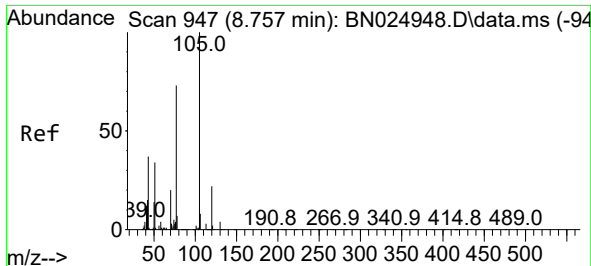
Tgt Ion:108 Resp: 747163
Ion Ratio Lower Upper
108 100
107 90.2 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.765 ng/ul
RT: 8.469 min Scan# 898
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion: 45 Resp: 1488356
Ion Ratio Lower Upper
45 100
77 10.2 8.4 12.6
79 7.9 6.6 9.8

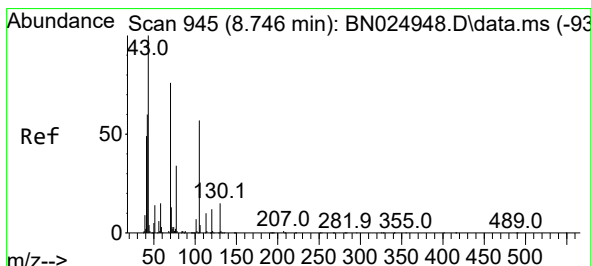
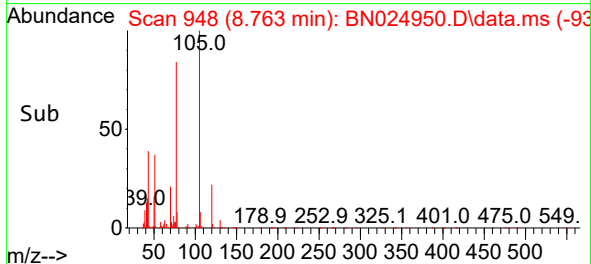
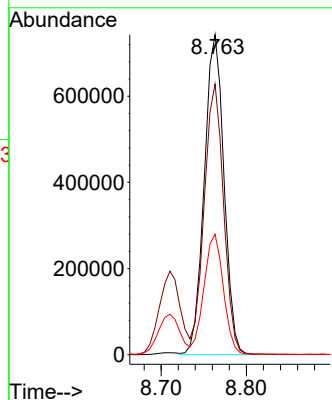
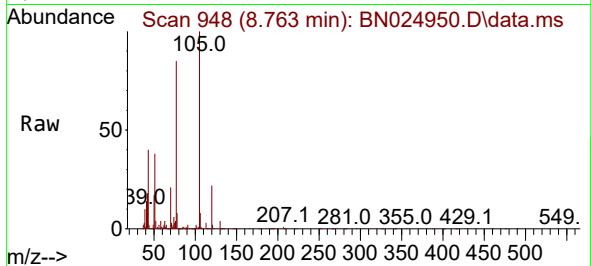




#16
Acetophenone
Concen: 32.553 ng/ul
RT: 8.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

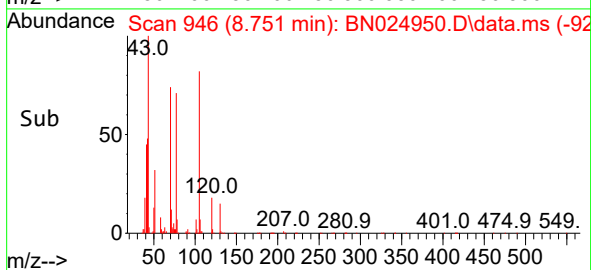
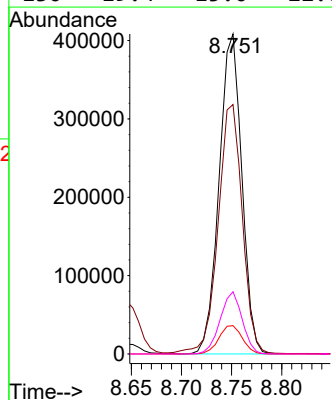
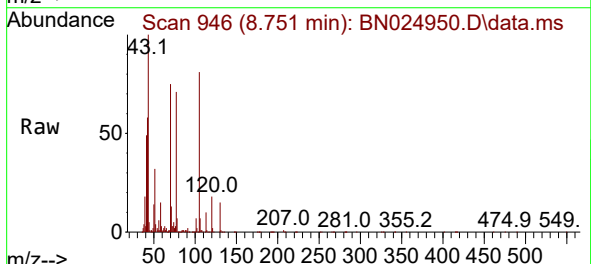
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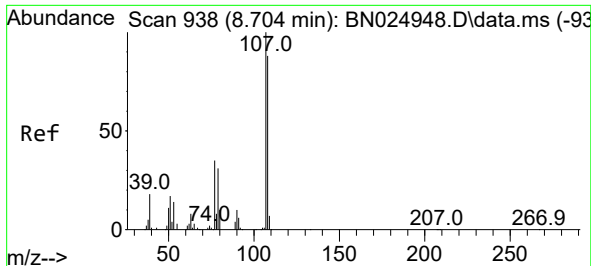
Tgt Ion:105 Resp: 1192578
Ion Ratio Lower Upper
105 100
77 84.5 64.8 97.2
51 37.7 28.7 43.1



#17
N-Nitroso-di-n-propylamine
Concen: 32.544 ng/ul
RT: 8.751 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion: 70 Resp: 643096
Ion Ratio Lower Upper
70 100
42 78.0 64.2 96.2
101 8.9 7.3 10.9
130 19.4 15.0 22.6

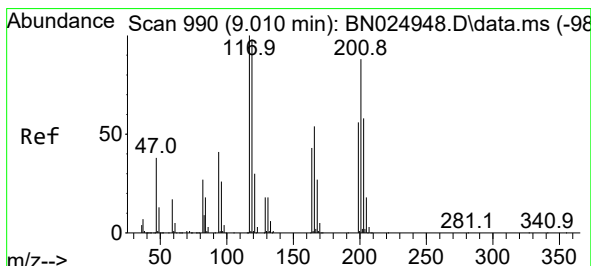
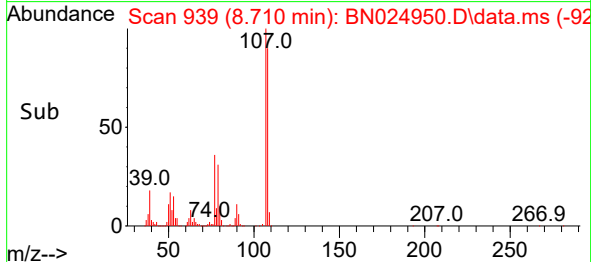
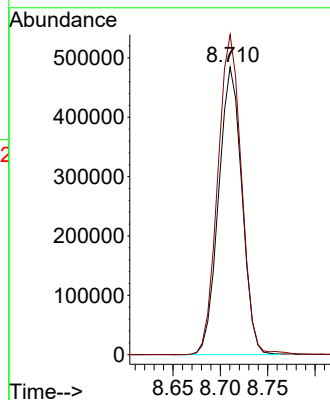
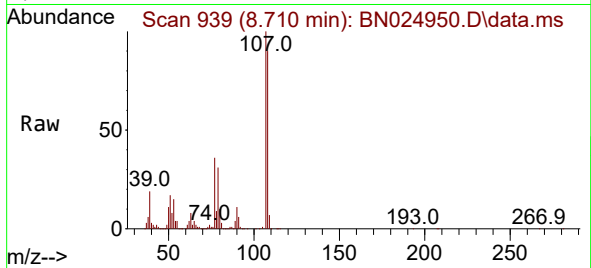




#18
4-Methylphenol
Concen: 33.482 ng/ul
RT: 8.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

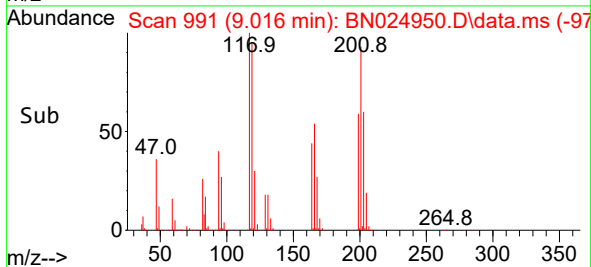
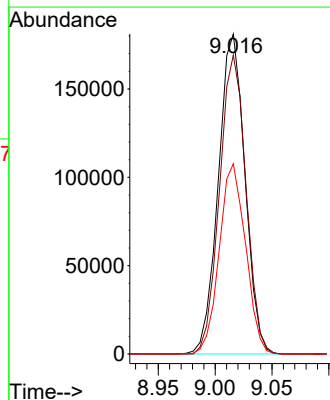
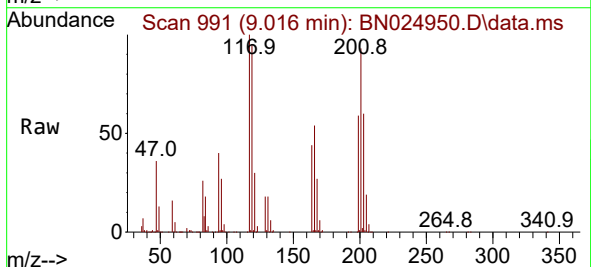
Instrument :
BNA_N
ClientSampleId :
SLCS129

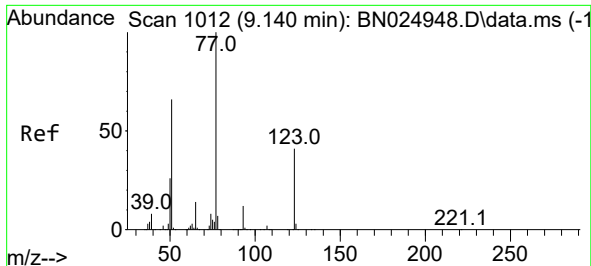
Tgt Ion:108 Resp: 830868
Ion Ratio Lower Upper
108 100
107 111.3 85.8 128.6



#19
Hexachloroethane
Concen: 32.603 ng/ul
RT: 9.016 min Scan# 991
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:117 Resp: 294757
Ion Ratio Lower Upper
117 100
201 93.4 72.2 108.4
199 59.4 46.2 69.4

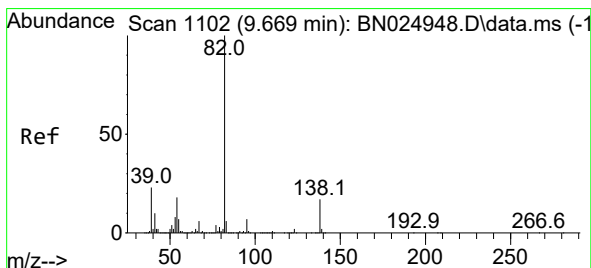
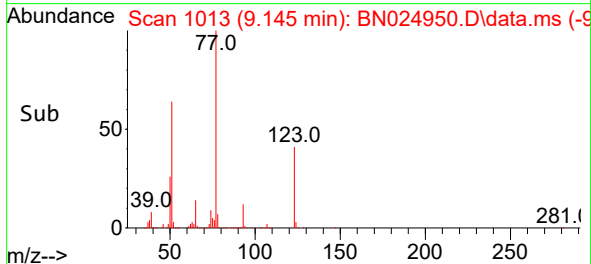
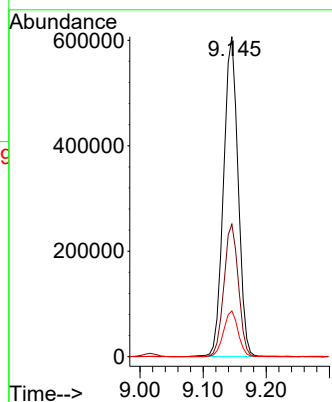
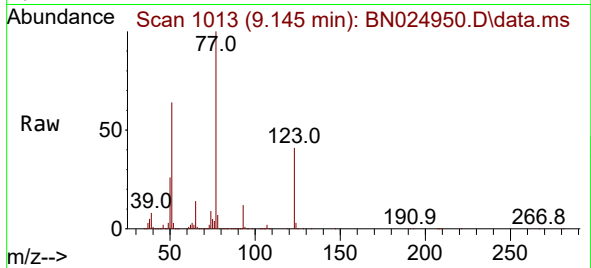




#22
Nitrobenzene
Concen: 32.932 ng/ul
RT: 9.145 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

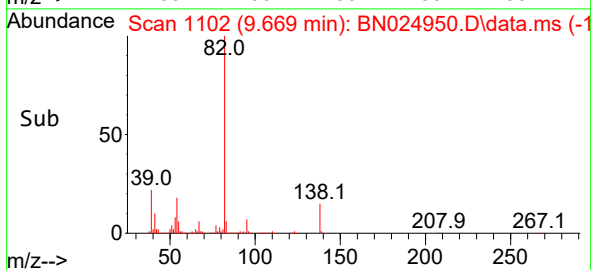
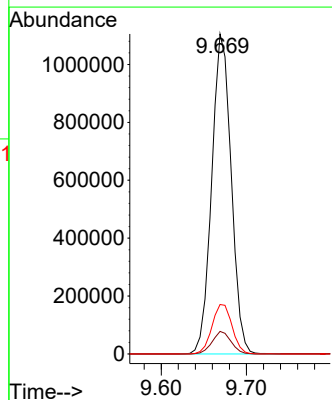
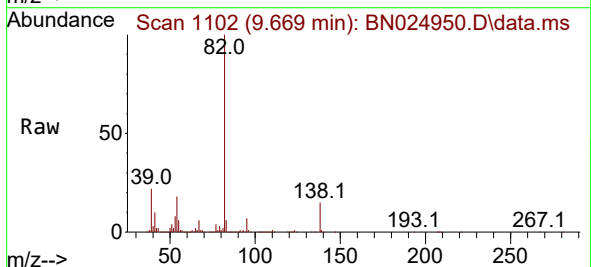
Instrument :
BNA_N
ClientSampleId :
SLCS129

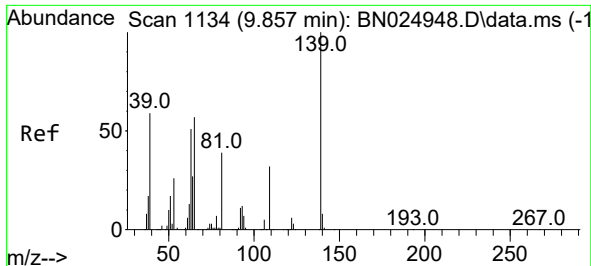
Tgt Ion: 77 Resp: 969824
Ion Ratio Lower Upper
77 100
123 41.4 33.5 50.3
65 14.3 11.8 17.8



#23
Isophorone
Concen: 32.449 ng/ul
RT: 9.669 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion: 82 Resp: 1754134
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 15.5 12.8 19.2

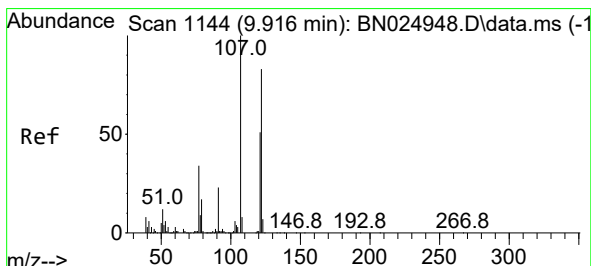
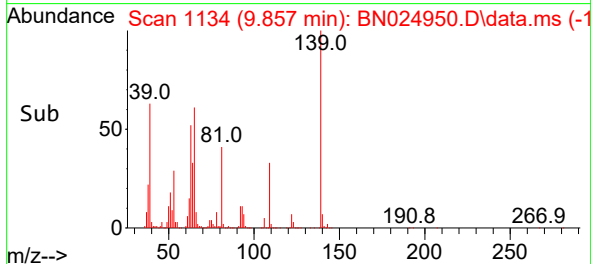
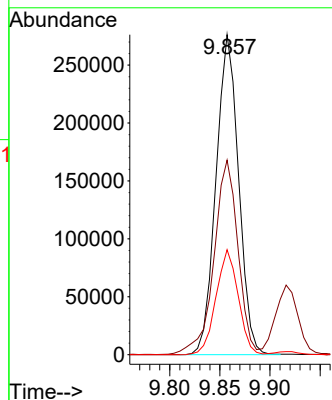
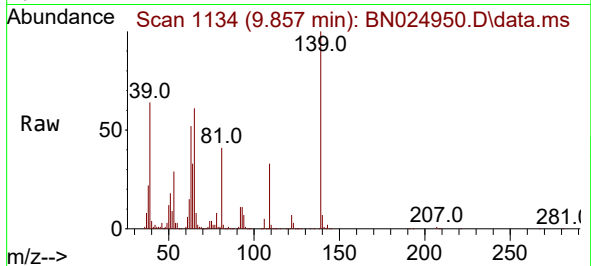




#25
2-Nitrophenol
Concen: 33.787 ng/ul
RT: 9.857 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

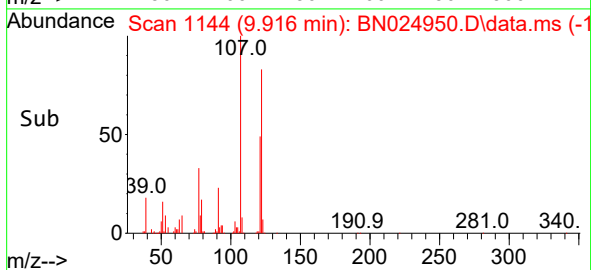
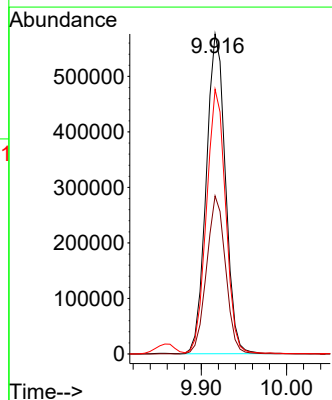
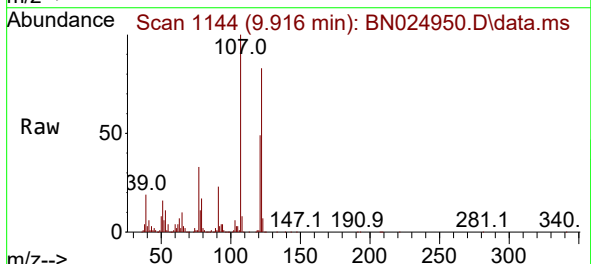
Instrument :
BNA_N
ClientSampleId :
SLCS129

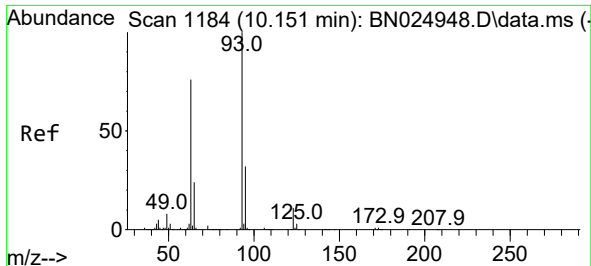
Tgt Ion:139 Resp: 432660
Ion Ratio Lower Upper
139 100
65 60.8 49.8 74.8
109 32.8 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 33.452 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:107 Resp: 901922
Ion Ratio Lower Upper
107 100
121 49.4 39.7 59.5
122 82.7 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 31.538 ng/ul

RT: 10.157 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

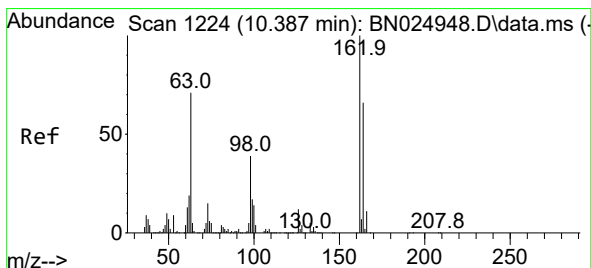
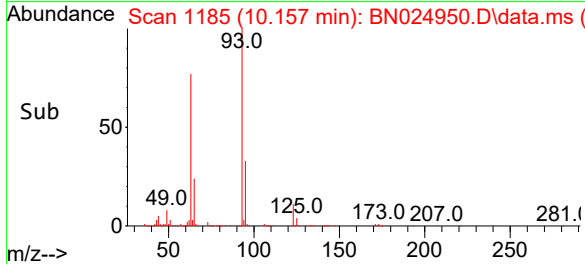
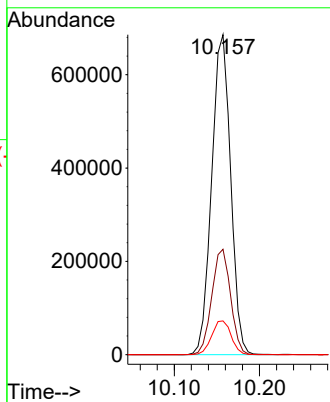
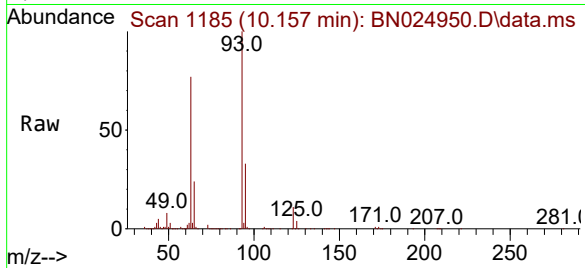
BNA_N

ClientSampleId :

SLCS129

Tgt Ion: 93 Resp: 1061020

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	10.5	8.5	12.7



#29

2,4-Dichlorophenol

Concen: 33.556 ng/ul

RT: 10.392 min Scan# 1225

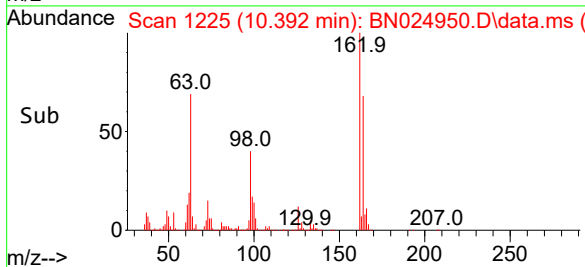
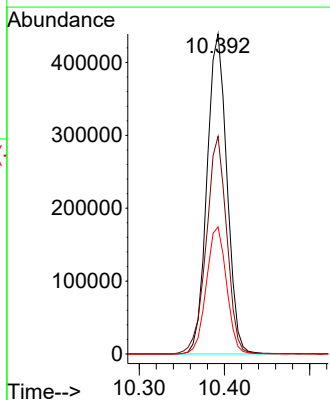
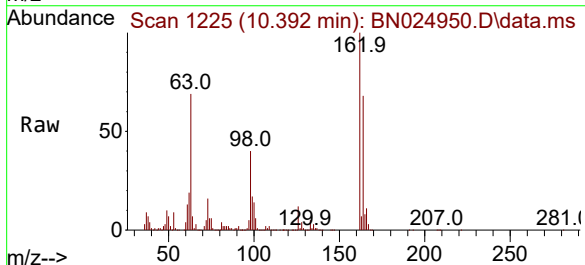
Delta R.T. -0.000 min

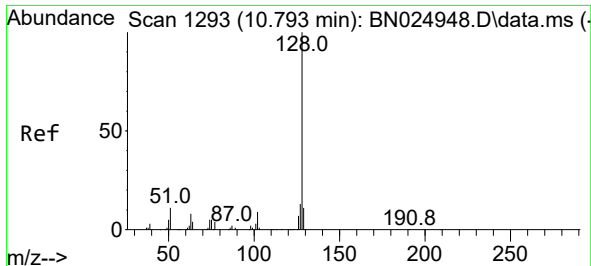
Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Tgt Ion:162 Resp: 714591

Ion	Ratio	Lower	Upper
162	100		
164	68.0	50.9	76.3
98	39.7	31.0	46.4

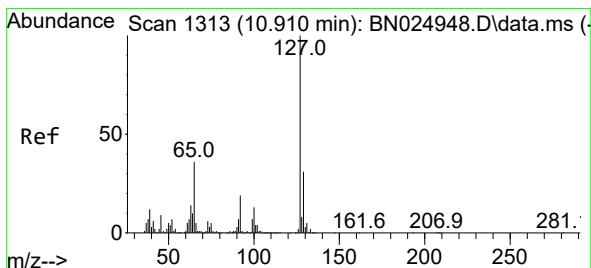
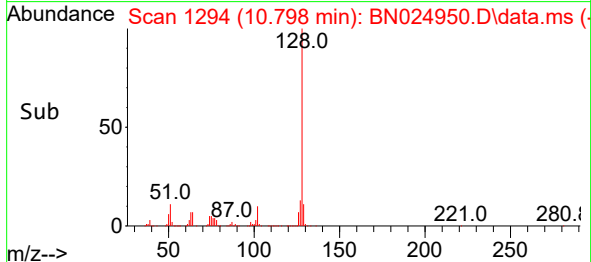
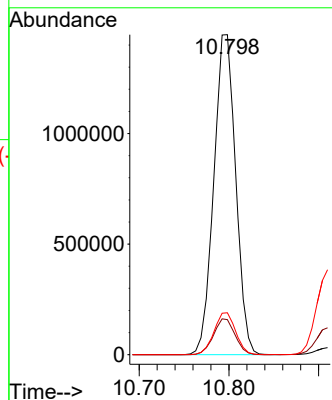
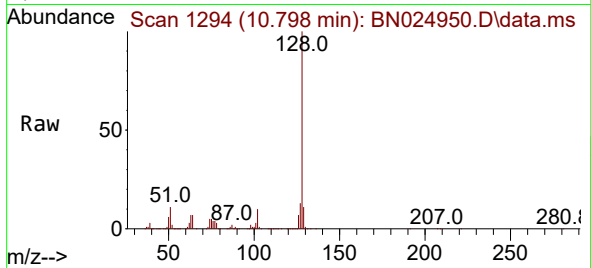




#30
Naphthalene
Concen: 32.470 ng/ul
RT: 10.798 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

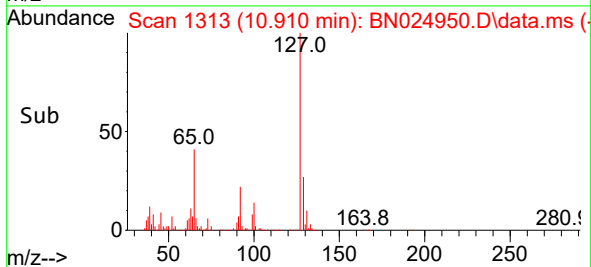
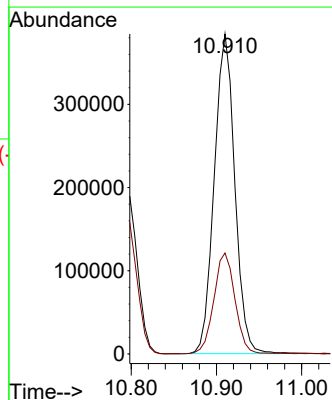
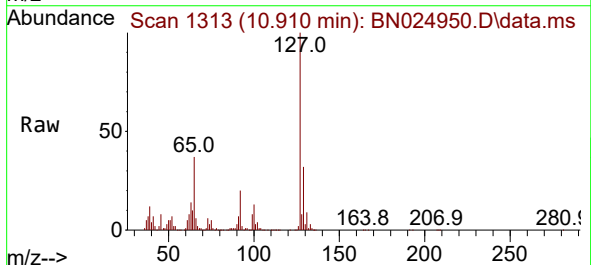
Instrument :
BNA_N
ClientSampleId :
SLCS129

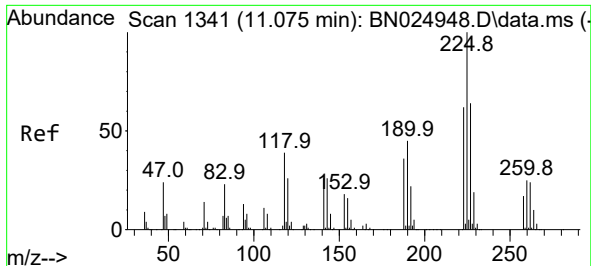
Tgt Ion:128 Resp: 2454558
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 10.7 16.1



#32
4-Chloroaniline
Concen: 19.703 ng/ul
RT: 10.910 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:127 Resp: 642258
Ion Ratio Lower Upper
127 100
129 31.5 25.5 38.3

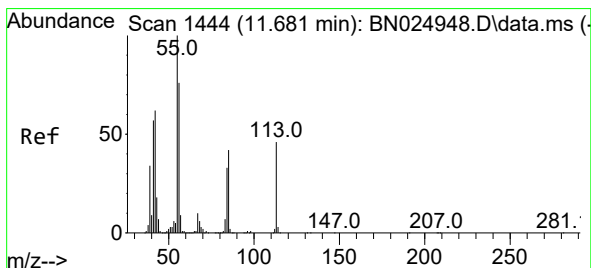
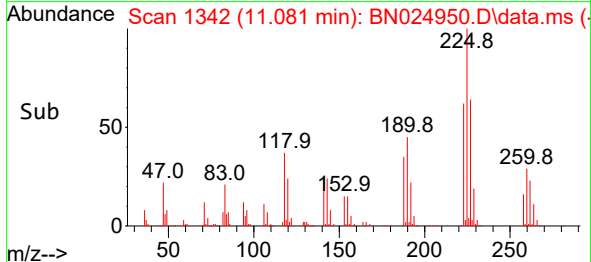
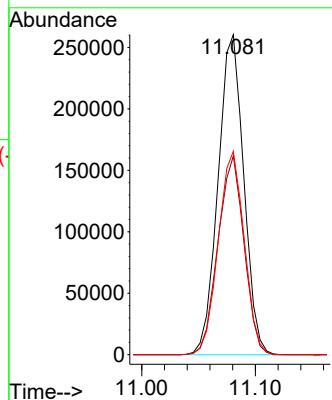
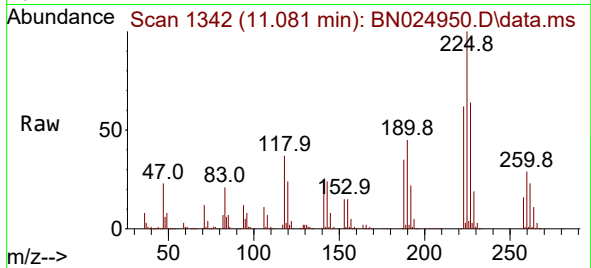




#33
Hexachlorobutadiene
Concen: 32.947 ng/ul
RT: 11.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

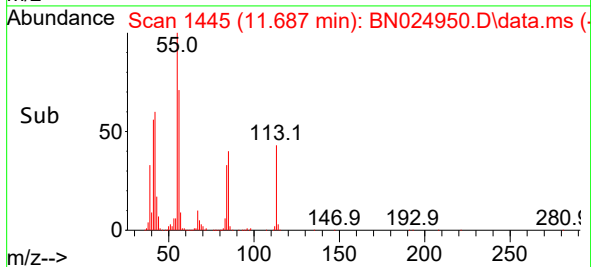
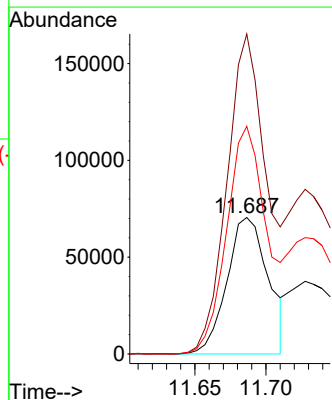
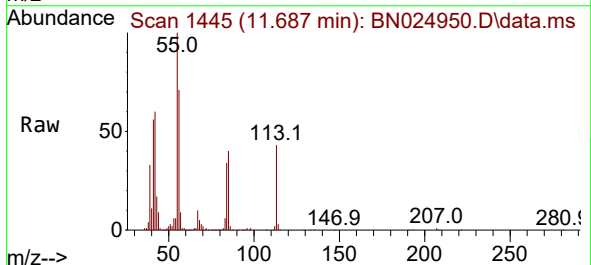
Instrument :
BNA_N
ClientSampleId :
SLCS129

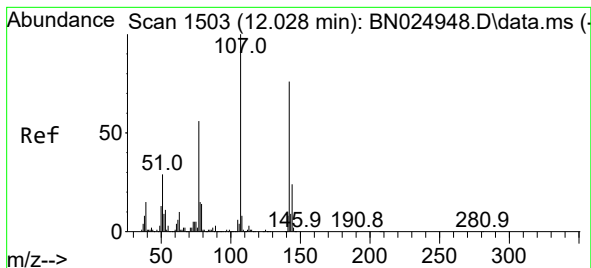
Tgt Ion:225 Resp: 408949
Ion Ratio Lower Upper
225 100
223 62.1 45.9 68.9
227 63.5 51.2 76.8



#34
Caprolactam
Concen: 19.070 ng/ul
RT: 11.687 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:113 Resp: 142341
Ion Ratio Lower Upper
113 100
55 234.6 188.3 282.5
56 166.9 133.5 200.3

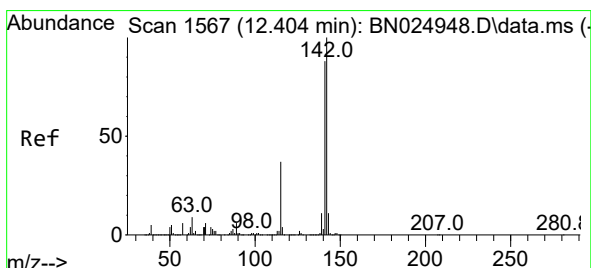
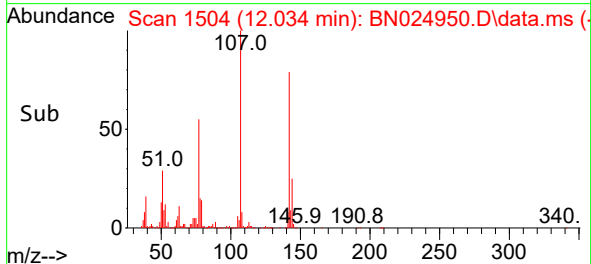
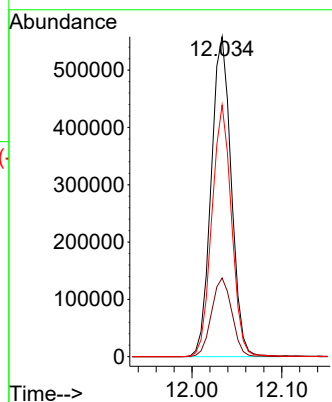
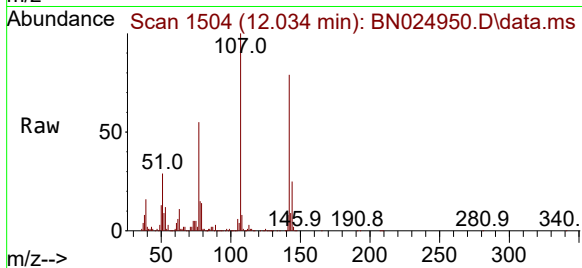




#35
 4-Chloro-3-methylphenol
 Concen: 34.750 ng/ul
 RT: 12.034 min Scan# 1504
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

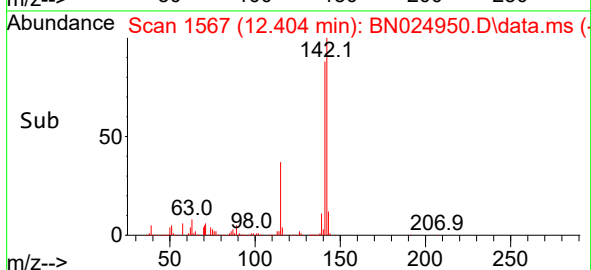
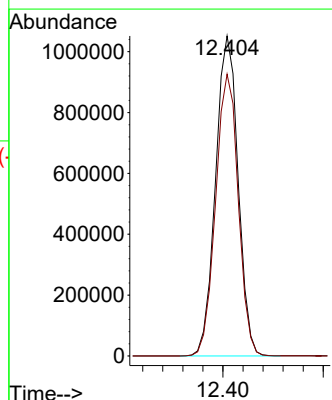
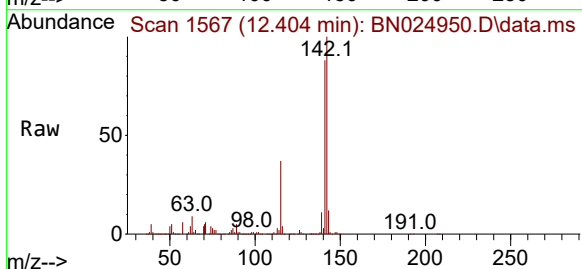
Instrument :
 BNA_N
 ClientSampleId :
 SLCS129

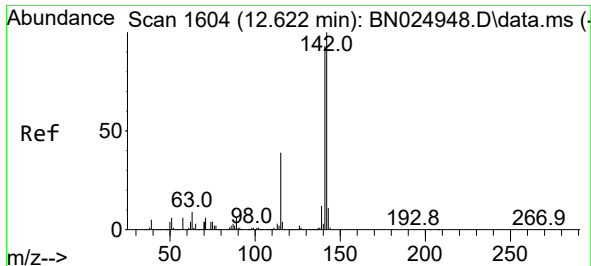
Tgt Ion:107 Resp: 867657
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.6 29.4
 142 78.7 60.7 91.1



#36
 2-Methylnaphthalene
 Concen: 32.802 ng/ul
 RT: 12.404 min Scan# 1567
 Delta R.T. -0.006 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Tgt Ion:142 Resp: 1638790
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.4 107.2





#37

1-Methylnaphthalene

Concen: 33.538 ng/ul

RT: 12.622 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

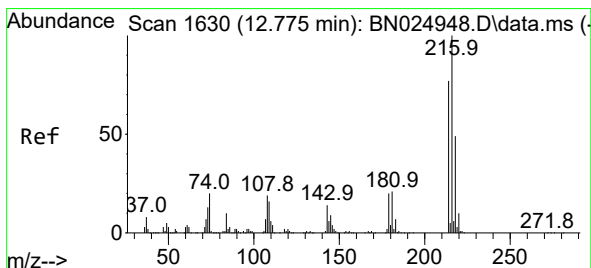
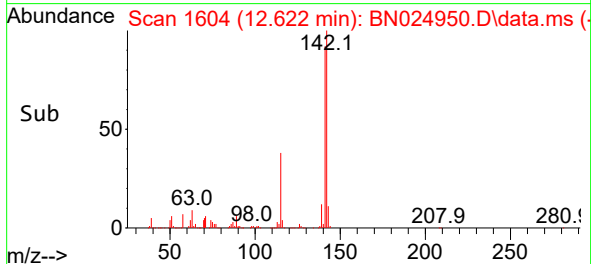
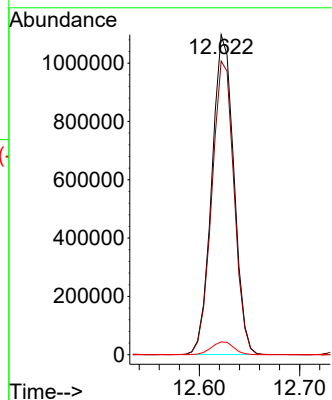
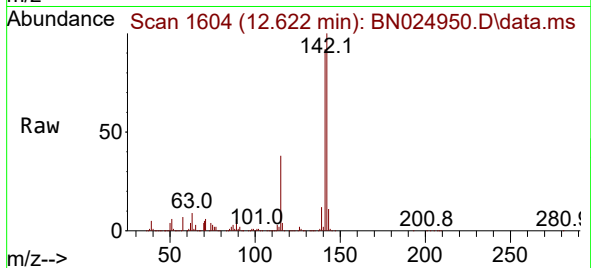
Tgt Ion:142 Resp: 1672626

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.945 ng/ul

RT: 12.775 min Scan# 1630

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Tgt Ion:216 Resp: 805809

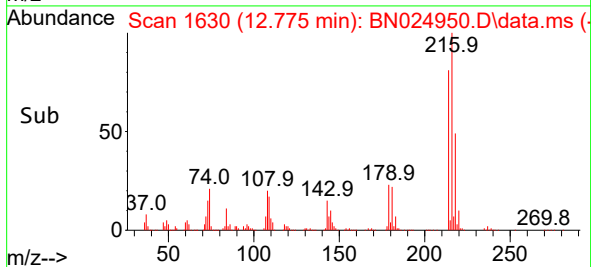
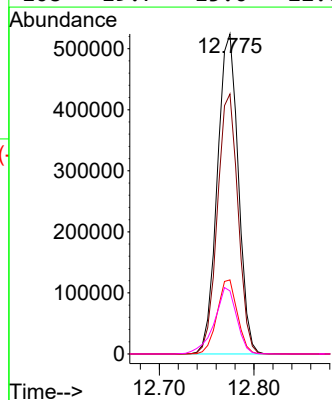
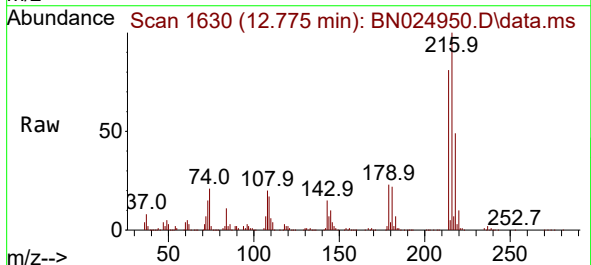
Ion Ratio Lower Upper

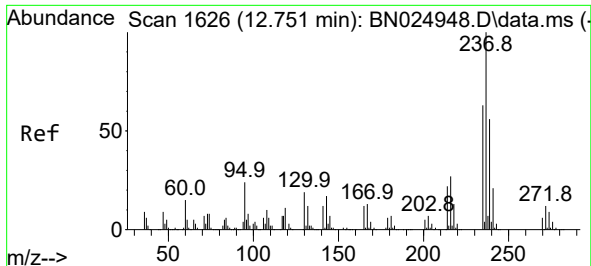
216 100

214 81.2 62.2 93.4

179 23.1 16.8 25.2

108 19.7 15.0 22.6

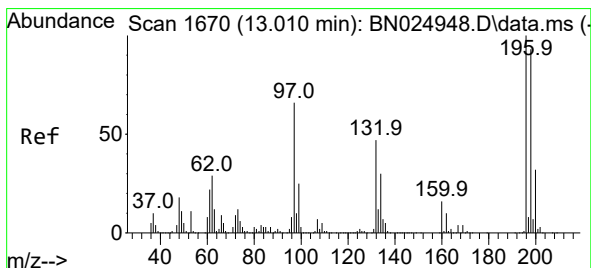
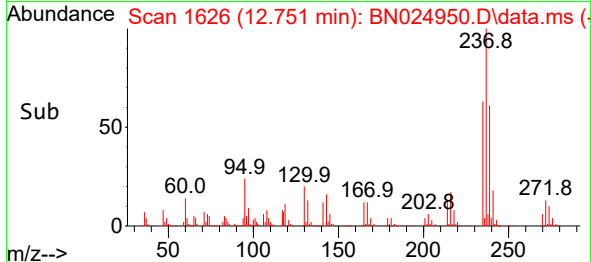
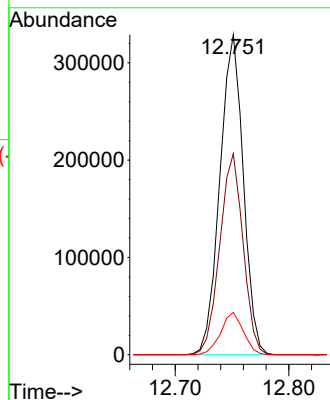
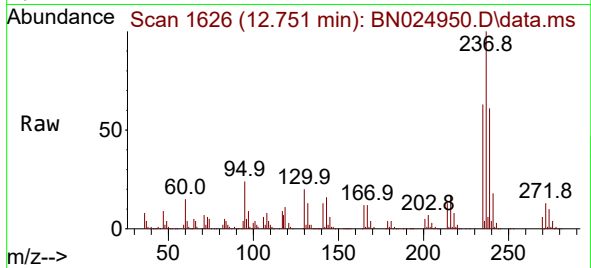




#40
Hexachlorocyclopentadiene
Concen: 31.579 ng/ul
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

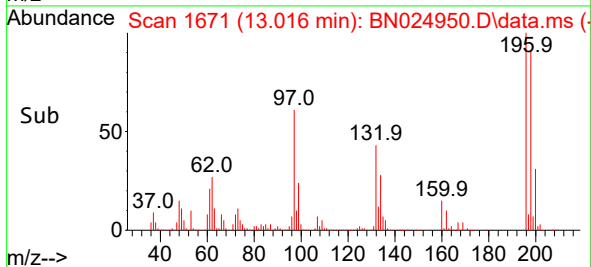
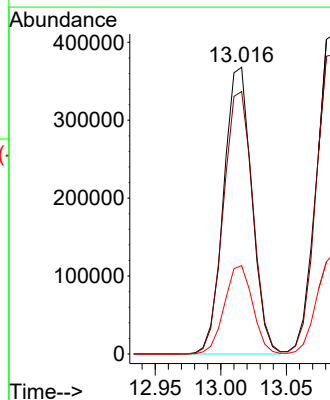
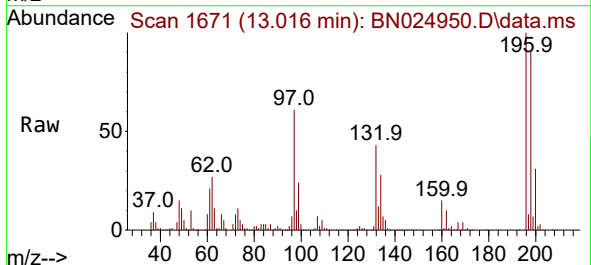
Instrument :
BNA_N
ClientSampleId :
SLCS129

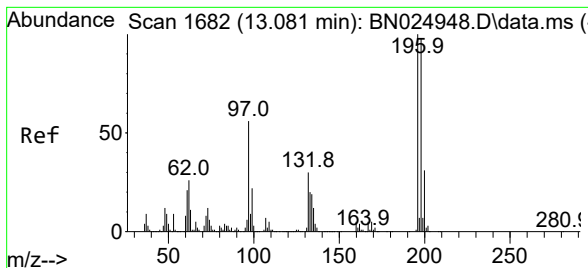
Tgt Ion:237 Resp: 470996
Ion Ratio Lower Upper
237 100
235 62.8 49.9 74.9
272 13.2 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 32.882 ng/ul
RT: 13.016 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:196 Resp: 549517
Ion Ratio Lower Upper
196 100
198 91.5 74.5 111.7
200 30.8 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 34.509 ng/ul

RT: 13.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

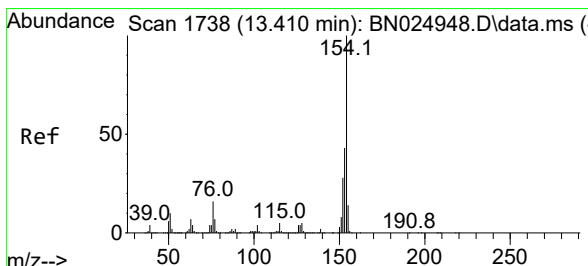
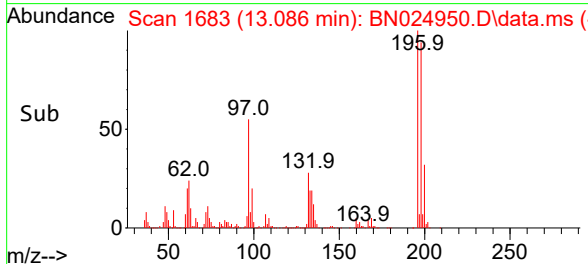
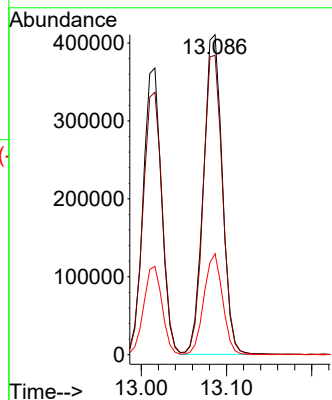
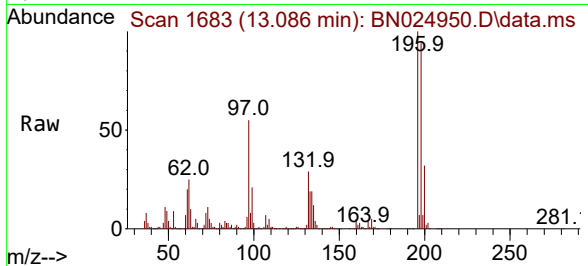
Tgt Ion:196 Resp: 631110

Ion Ratio Lower Upper

196 100

198 93.5 78.2 117.2

200 31.6 24.0 36.0



#43

1,1'-Biphenyl

Concen: 33.071 ng/ul

RT: 13.416 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

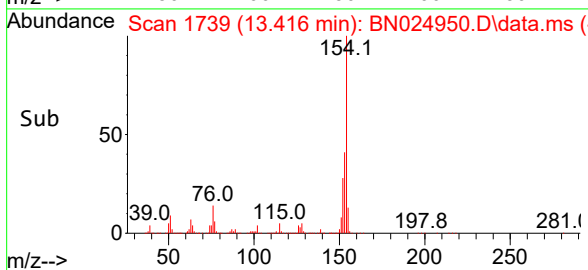
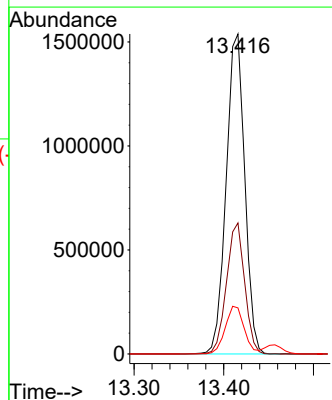
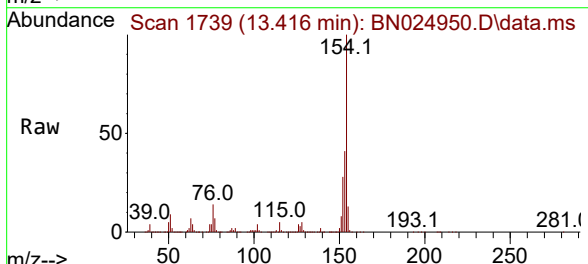
Tgt Ion:154 Resp: 2209469

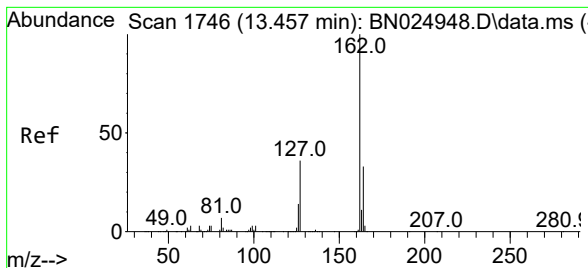
Ion Ratio Lower Upper

154 100

153 40.9 32.2 48.2

76 14.4 12.4 18.6

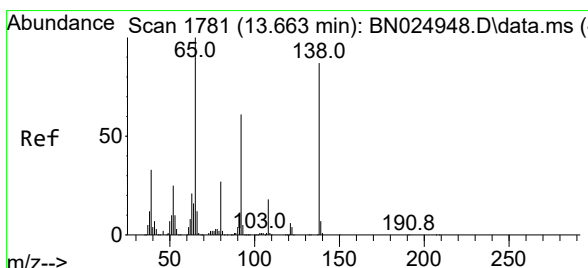
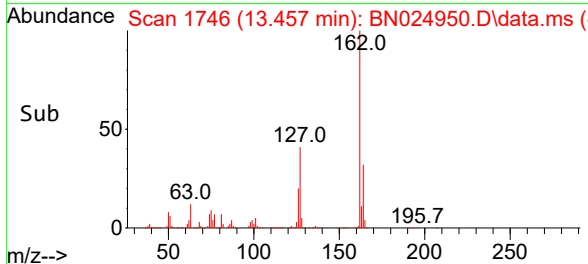
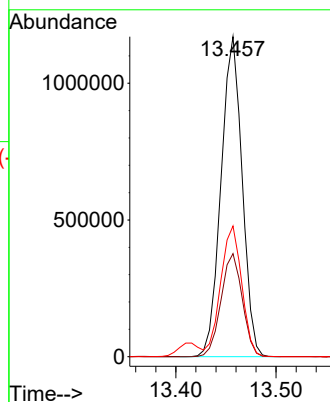
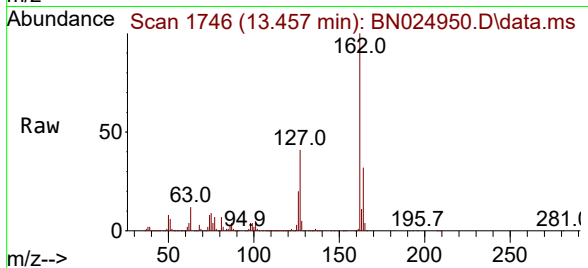




#44
2-Chloronaphthalene
Concen: 32.961 ng/ul
RT: 13.457 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

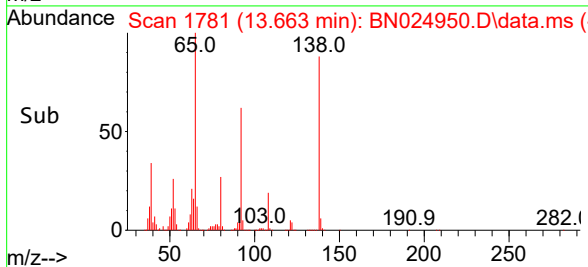
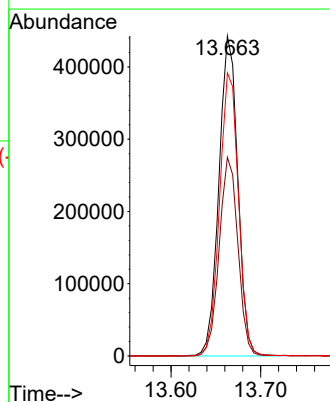
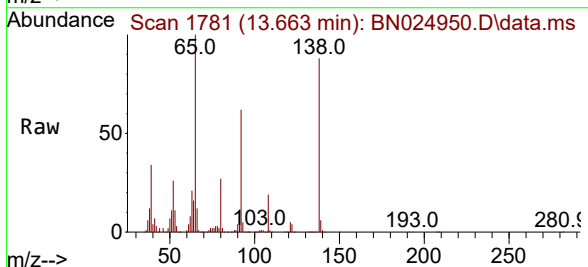
Instrument :
BNA_N
ClientSampleId :
SLCS129

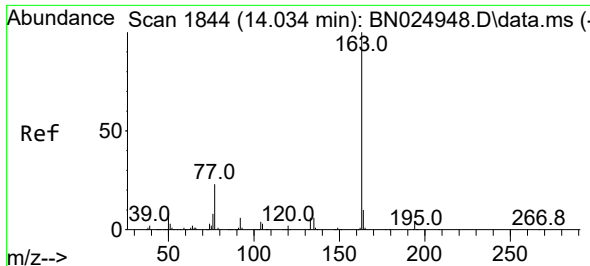
Tgt Ion:162 Resp: 1709881
Ion Ratio Lower Upper
162 100
164 32.2 25.9 38.9
127 40.9 32.9 49.3



#45
2-Nitroaniline
Concen: 35.746 ng/ul
RT: 13.663 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion: 65 Resp: 647524
Ion Ratio Lower Upper
65 100
92 62.1 50.7 76.1
138 88.5 71.4 107.2

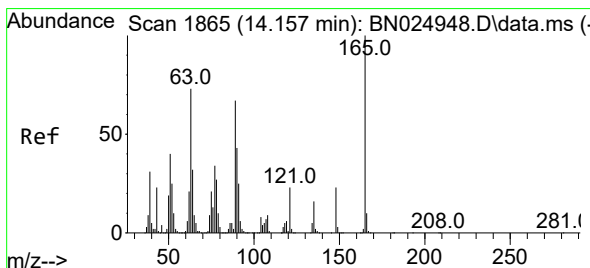
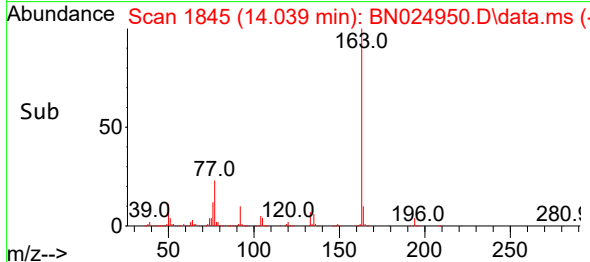
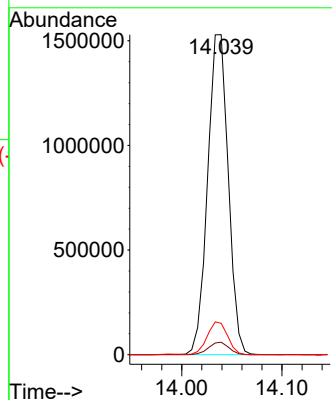
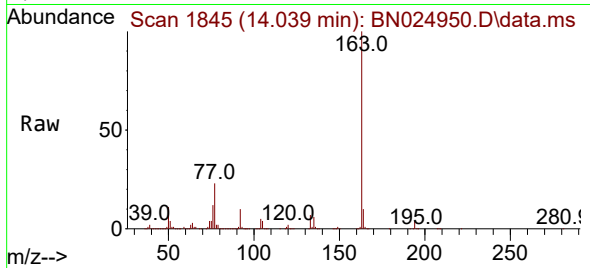




#47
Dimethylphthalate
Concen: 33.485 ng/ul
RT: 14.039 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

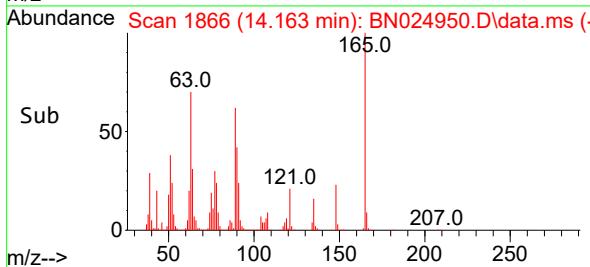
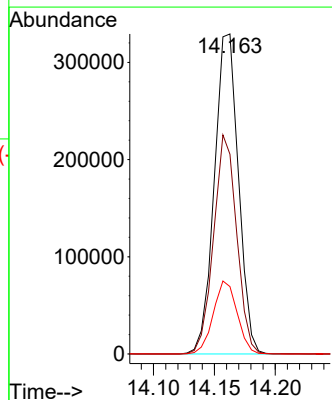
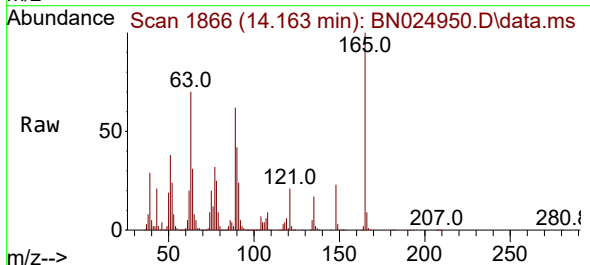
Instrument :
BNA_N
ClientSampleId :
SLCS129

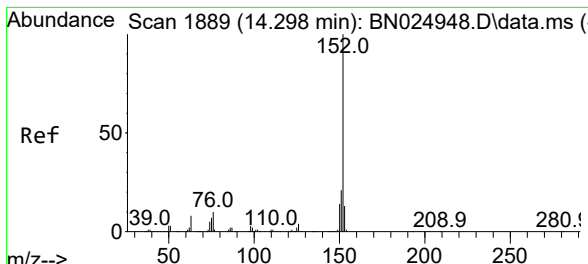
Tgt Ion:163 Resp: 2190034
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 35.544 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:165 Resp: 453767
Ion Ratio Lower Upper
165 100
89 62.4 49.8 74.8
121 21.0 17.2 25.8



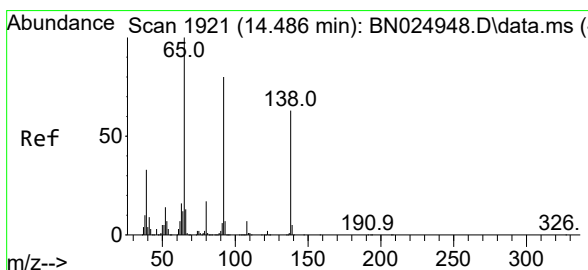
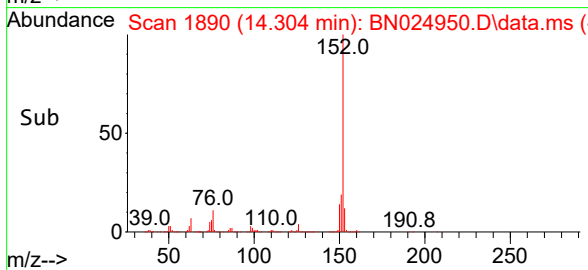
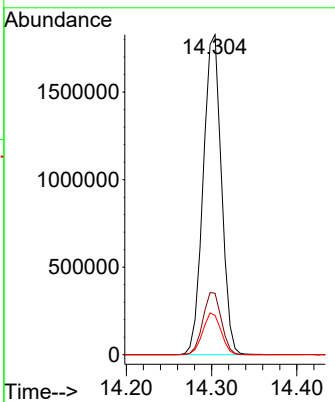
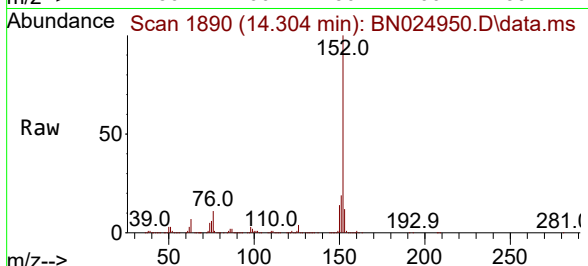


#50
Acenaphthylene
Concen: 33.137 ng/ul
RT: 14.304 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Instrument :
BNA_N
ClientSampleId :
SLCS129

Tgt Ion:152 Resp: 2711151

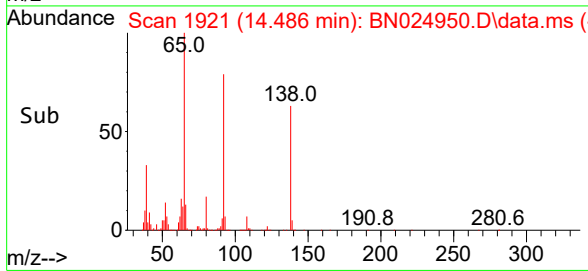
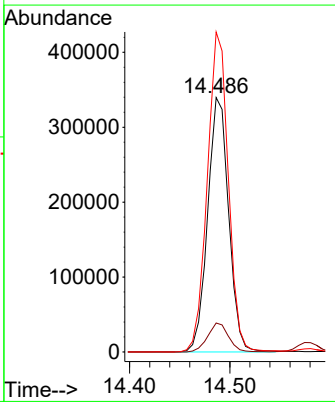
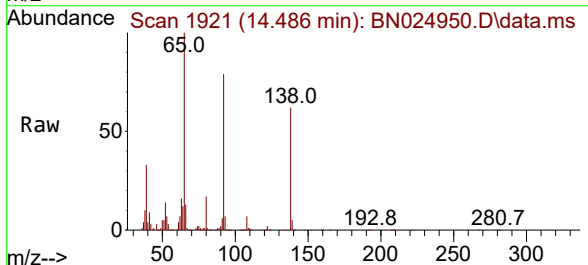
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4
153	12.3	10.6	16.0

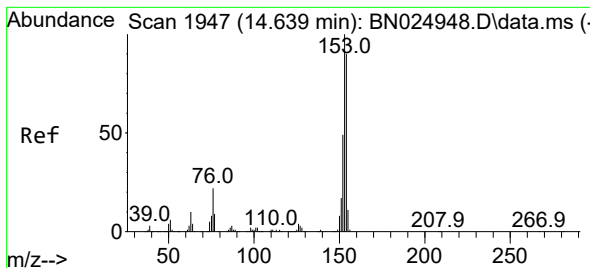


#51
3-Nitroaniline
Concen: 36.896 ng/ul
RT: 14.486 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:138 Resp: 494992

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.6	12.8
92	125.8	99.5	149.3





#52

Acenaphthene

Concen: 33.051 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

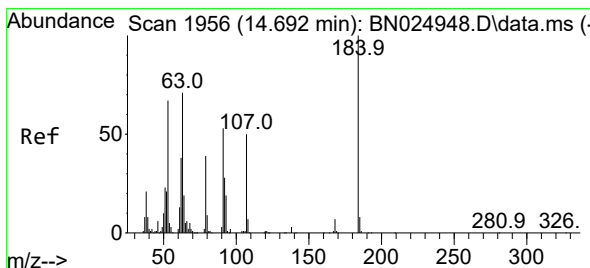
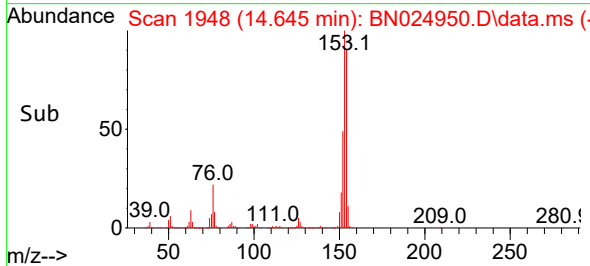
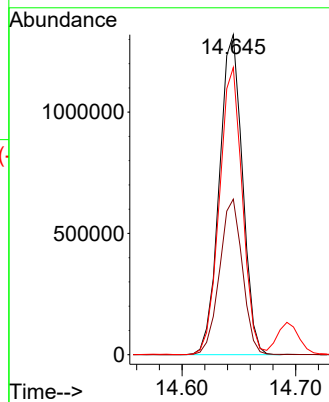
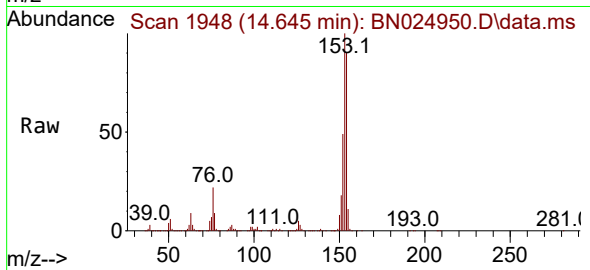
Tgt Ion:153 Resp: 1869483

Ion Ratio Lower Upper

153 100

152 48.6 38.8 58.2

154 89.8 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 34.587 ng/ul

RT: 14.692 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

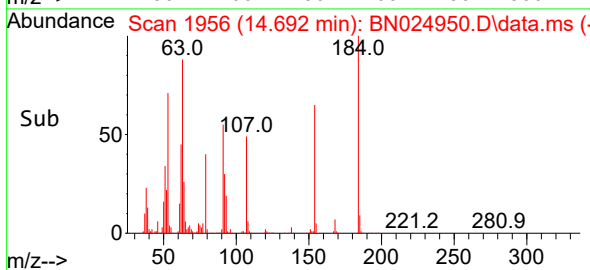
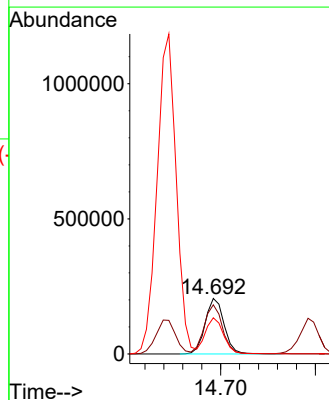
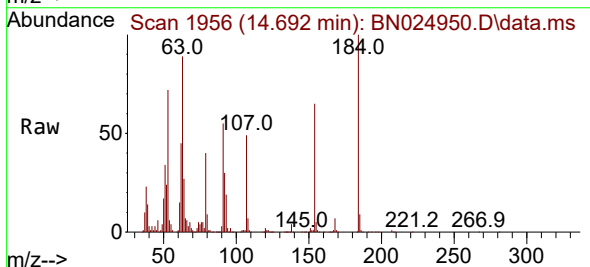
Tgt Ion:184 Resp: 283896

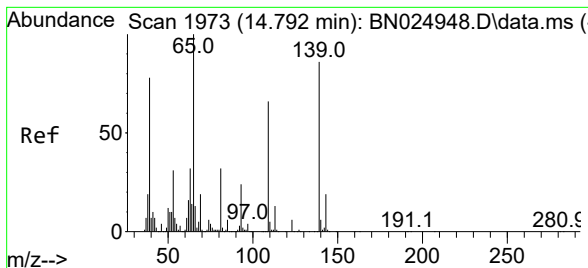
Ion Ratio Lower Upper

184 100

63 88.7 62.6 93.8

154 65.1 50.9 76.3

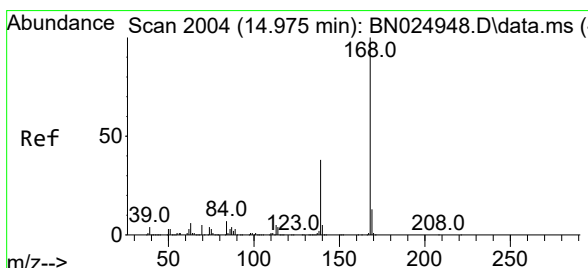
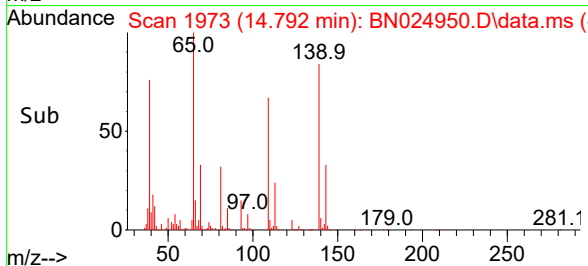
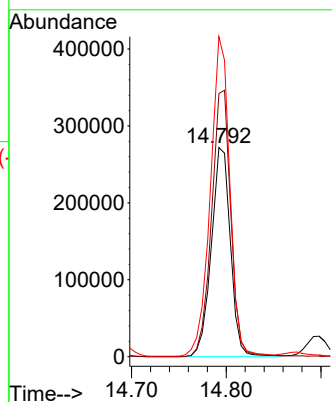
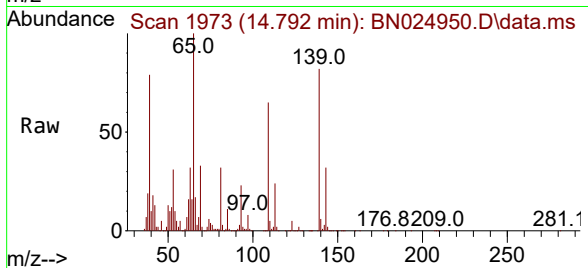




#55
4-Nitrophenol
Concen: 35.133 ng/ul
RT: 14.792 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

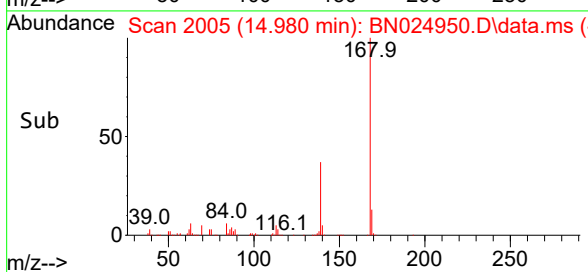
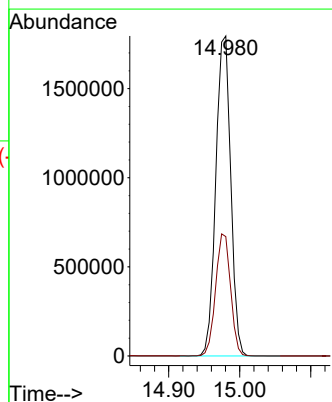
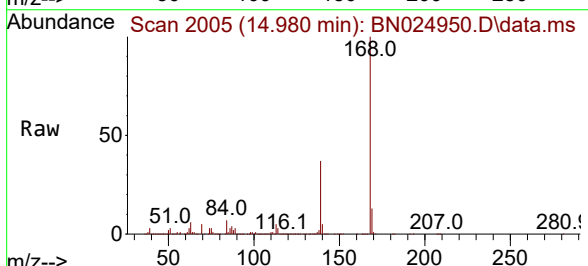
Instrument :
BNA_N
ClientSampleId :
SLCS129

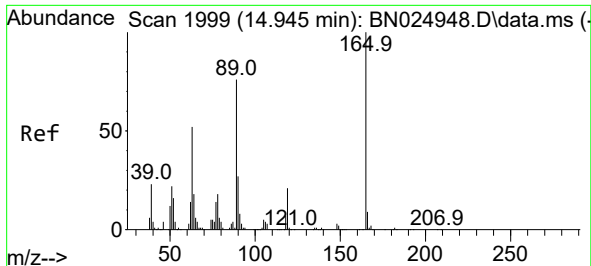
Tgt Ion:109 Resp: 381017
Ion Ratio Lower Upper
109 100
139 125.9 104.3 156.5
65 153.1 124.3 186.5



#56
Dibenzofuran
Concen: 33.456 ng/ul
RT: 14.980 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:168 Resp: 2608342
Ion Ratio Lower Upper
168 100
139 37.3 32.1 48.1

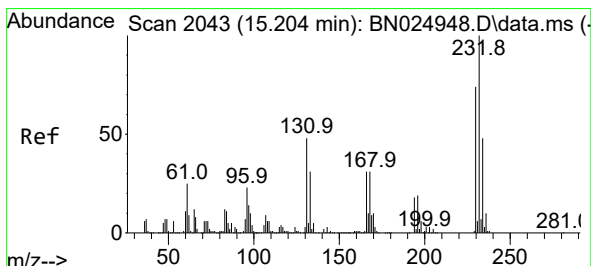
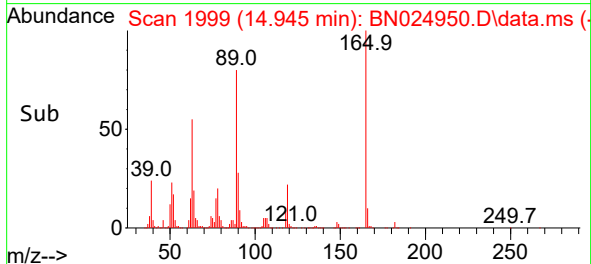
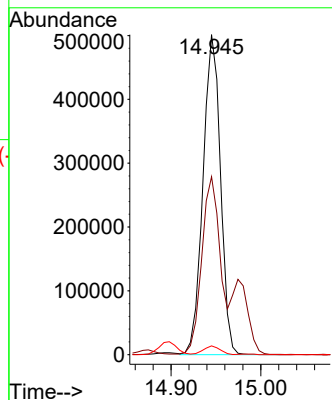
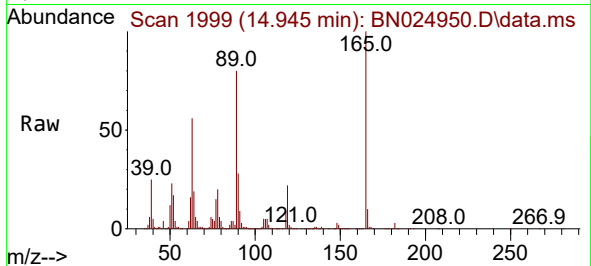




#57
2,4-Dinitrotoluene
Concen: 36.725 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

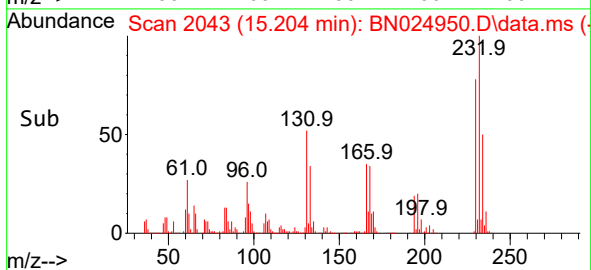
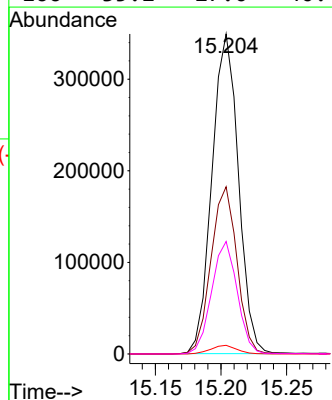
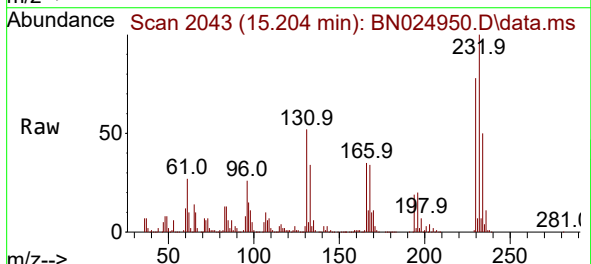
Instrument :
BNA_N
ClientSampleId :
SLCS129

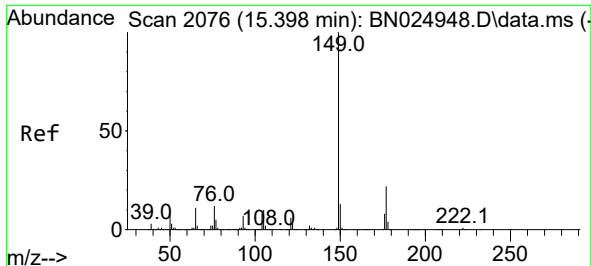
Tgt Ion:165 Resp: 678677
Ion Ratio Lower Upper
165 100
63 55.6 45.4 68.0
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.515 ng/ul
RT: 15.204 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:232 Resp: 489650
Ion Ratio Lower Upper
232 100
131 52.3 40.6 61.0
130 2.7 2.2 3.2
166 35.2 27.0 40.4

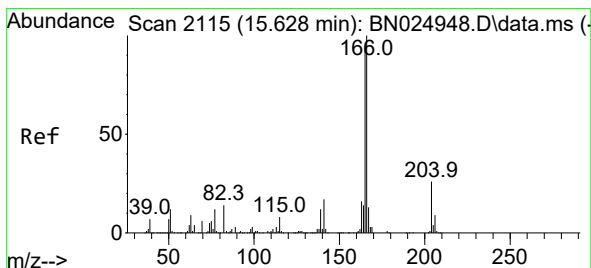
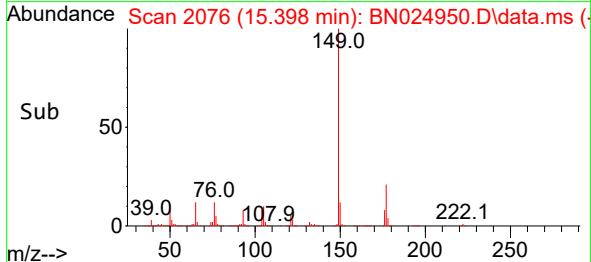
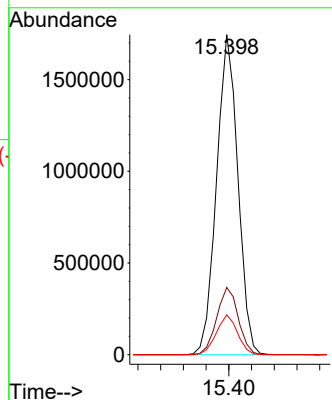
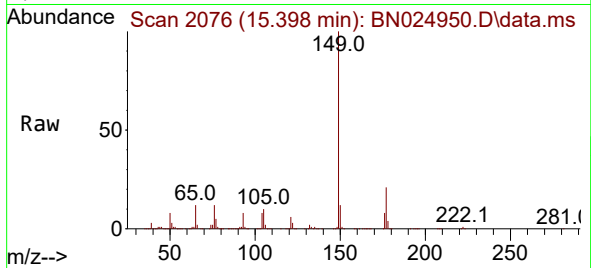




#59
Diethylphthalate
Concen: 34.615 ng/ul
RT: 15.398 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

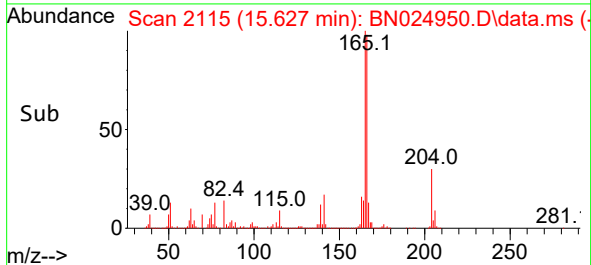
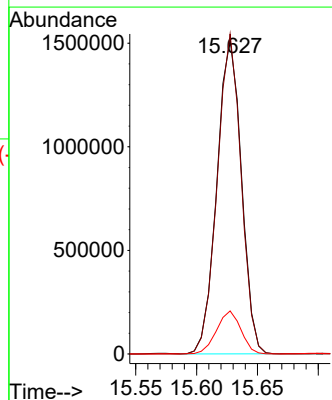
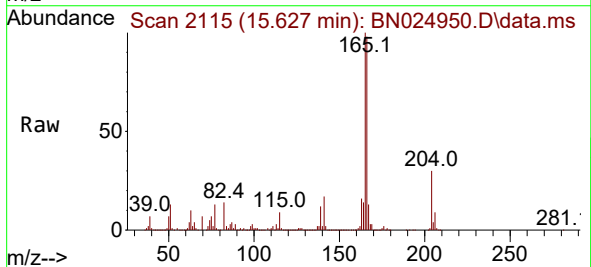
Instrument :
BNA_N
ClientSampleId :
SLCS129

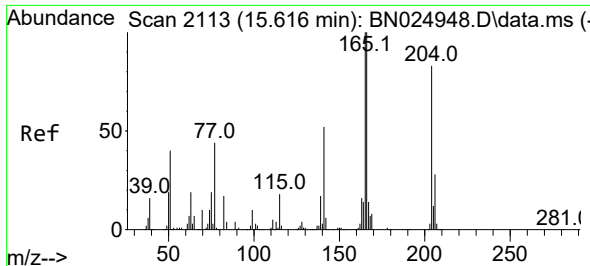
Tgt Ion:149 Resp: 2274921
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.4 10.1 15.1



#61
Fluorene
Concen: 33.984 ng/ul
RT: 15.627 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:166 Resp: 2131110
Ion Ratio Lower Upper
166 100
165 101.9 79.1 118.7
167 13.7 10.8 16.2

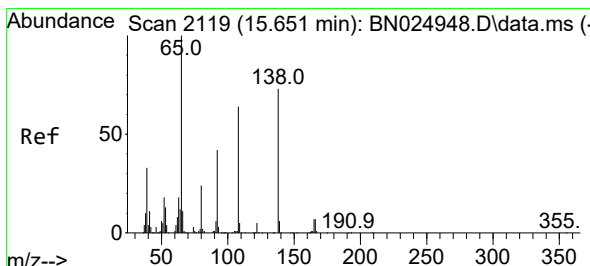
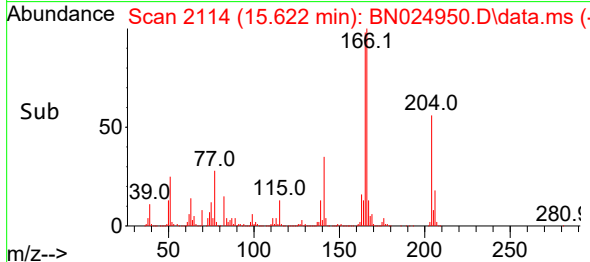
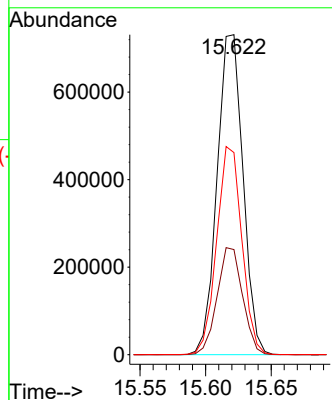
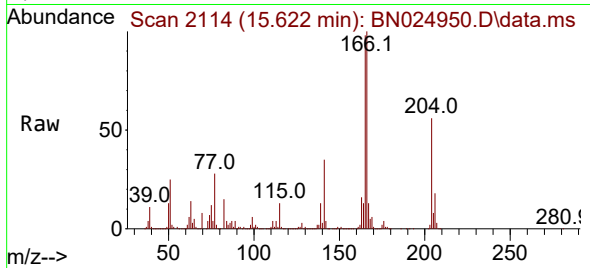




#62
4-Chlorophenyl-phenylether
Concen: 34.452 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

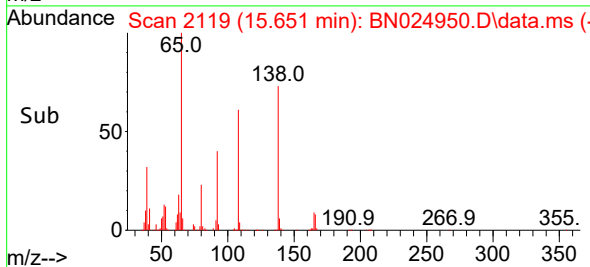
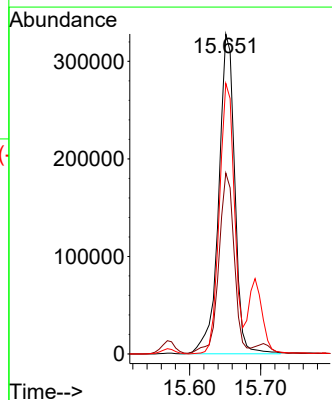
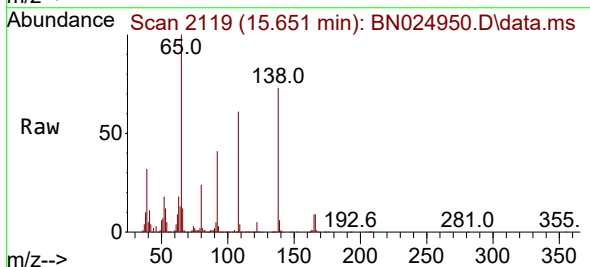
Instrument :
BNA_N
ClientSampleId :
SLCS129

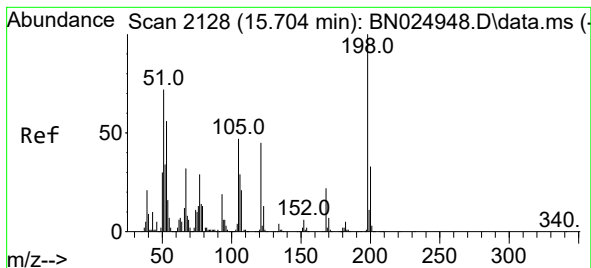
Tgt Ion:204 Resp: 1005618
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 63.1 51.8 77.8



#63
4-Nitroaniline
Concen: 38.817 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:138 Resp: 513187
Ion Ratio Lower Upper
138 100
92 56.5 43.3 64.9
108 84.6 64.2 96.4

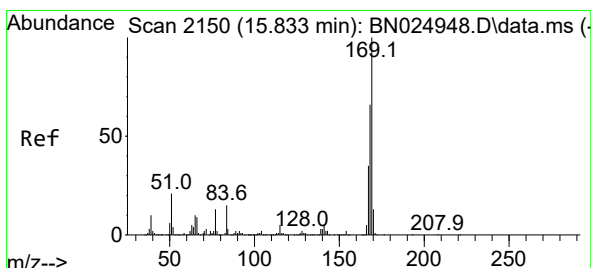
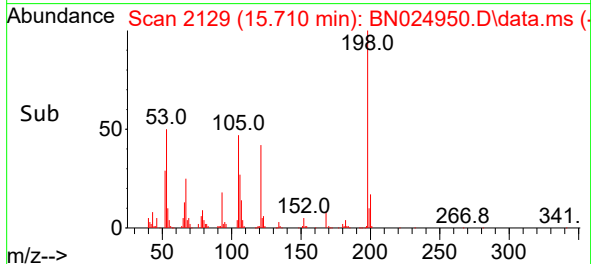
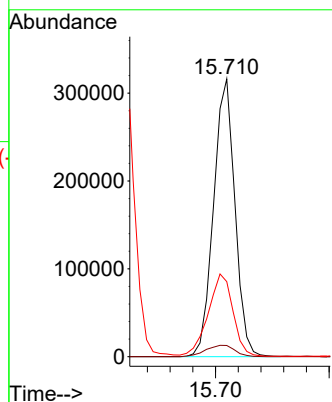
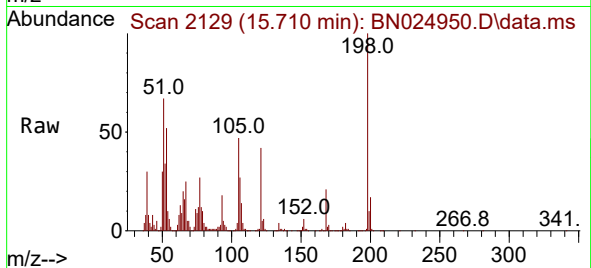




#66
 4,6-Dinitro-2-methylphenol
 Concen: 35.694 ng/ul
 RT: 15.710 min Scan# 2129
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

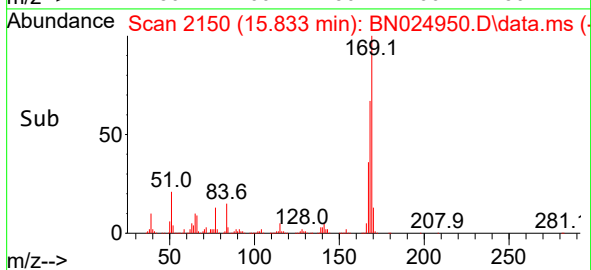
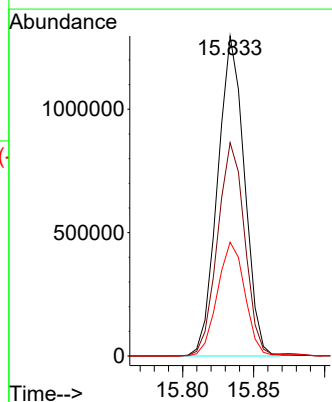
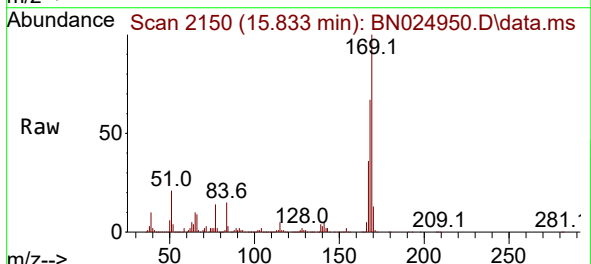
Instrument :
 BNA_N
 ClientSampleId :
 SLCS129

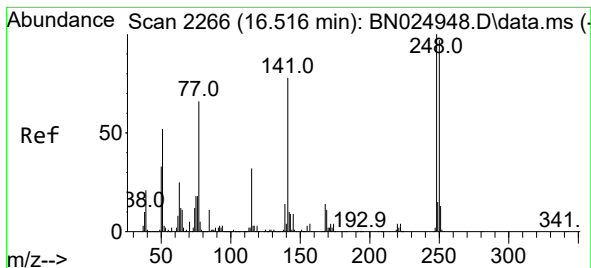
Tgt Ion:198 Resp: 413252
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.4 5.0
 77 27.1 23.7 35.5



#67
 N-Nitrosodiphenylamine
 Concen: 30.925 ng/ul
 RT: 15.833 min Scan# 2150
 Delta R.T. -0.006 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Tgt Ion:169 Resp: 1703906
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.3 81.5
 167 35.6 27.6 41.4

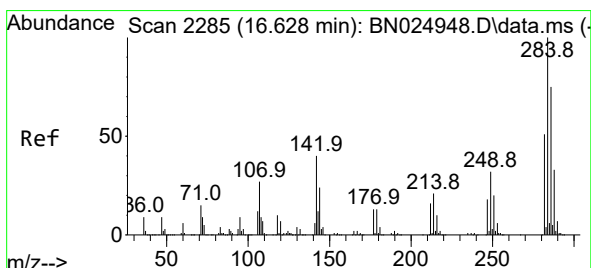
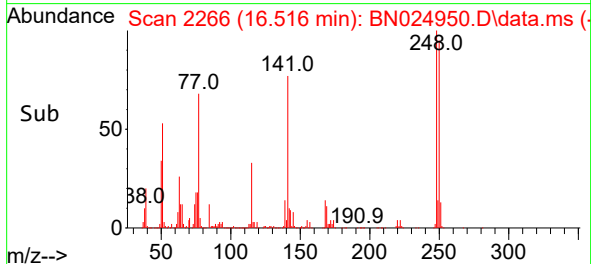
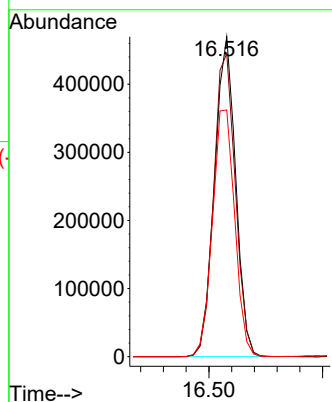
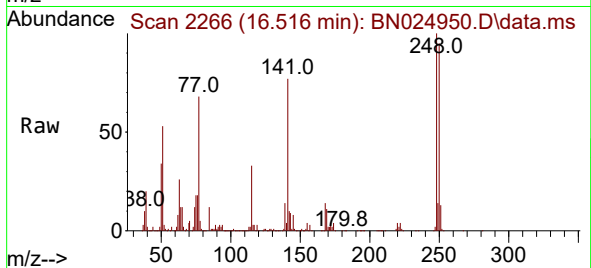




#68
4-Bromophenyl-phenylether
Concen: 33.294 ng/ul
RT: 16.516 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

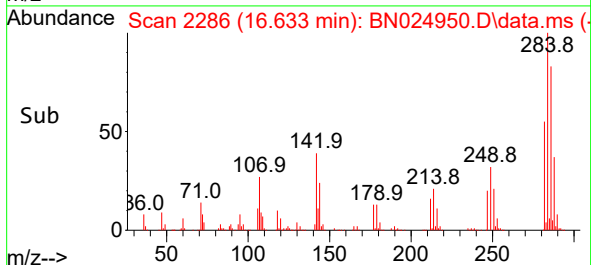
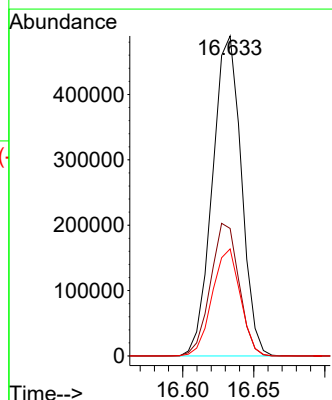
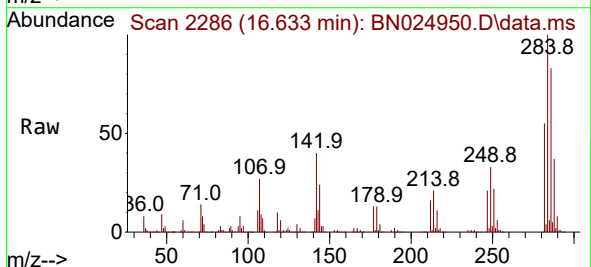
Instrument :
BNA_N
ClientSampleId :
SLCS129

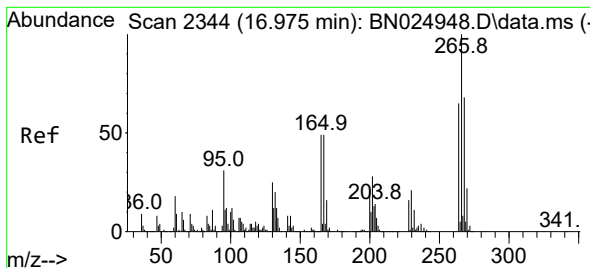
Tgt Ion:248 Resp: 607776
Ion Ratio Lower Upper
248 100
250 94.7 77.1 115.7
141 77.1 62.3 93.5



#69
Hexachlorobenzene
Concen: 33.498 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BN024950.D
Acq: 17 Apr 2023 11:43

Tgt Ion:284 Resp: 692340
Ion Ratio Lower Upper
284 100
142 39.9 31.0 46.6
249 33.4 25.1 37.7





#71

Pentachlorophenol

Concen: 32.578 ng/ul

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

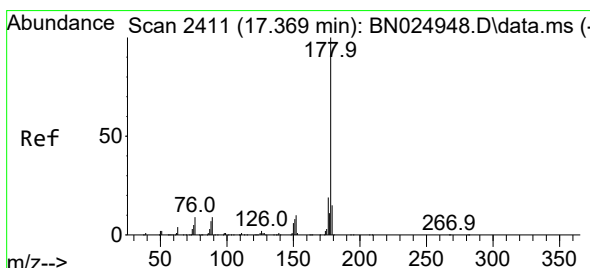
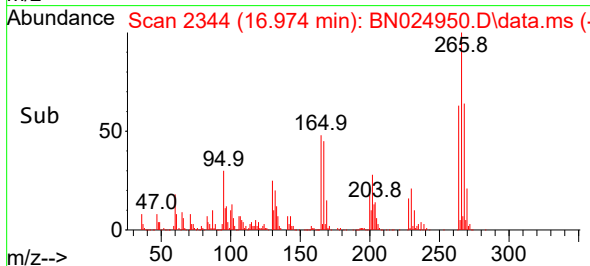
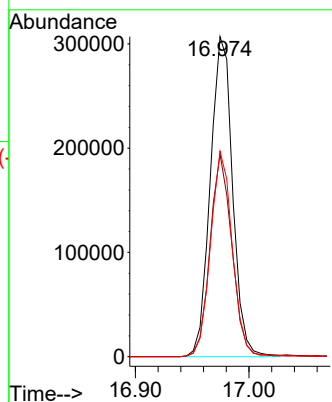
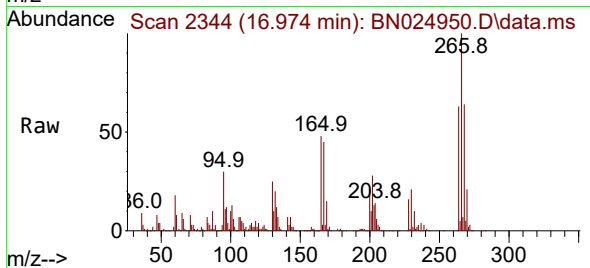
Tgt Ion:266 Resp: 418512

Ion Ratio Lower Upper

266 100

264 63.3 52.7 79.1

268 64.2 51.4 77.0



#72

Phenanthrene

Concen: 33.864 ng/ul

RT: 17.369 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

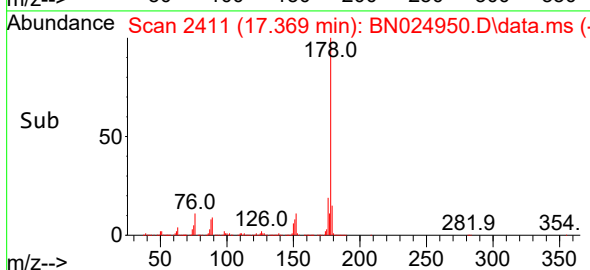
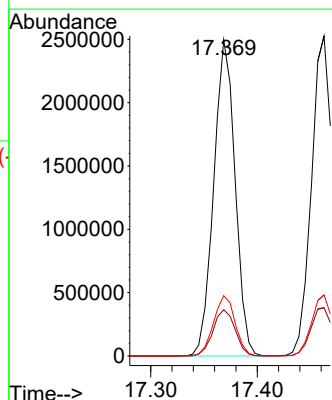
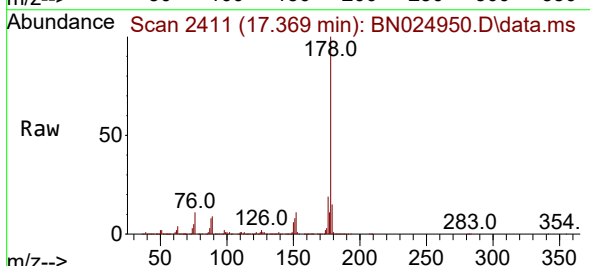
Tgt Ion:178 Resp: 3470546

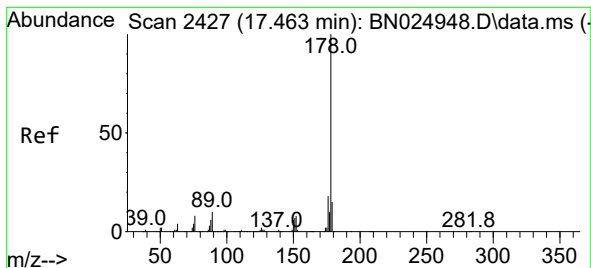
Ion Ratio Lower Upper

178 100

179 14.6 12.6 19.0

176 19.1 15.2 22.8





#74

Anthracene

Concen: 33.711 ng/uI

RT: 17.463 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

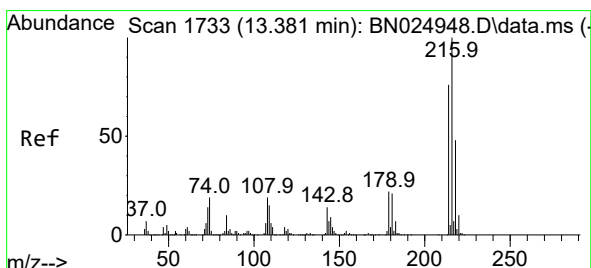
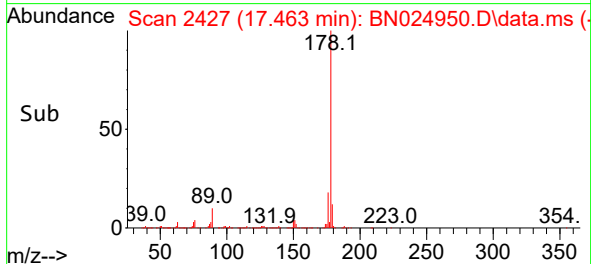
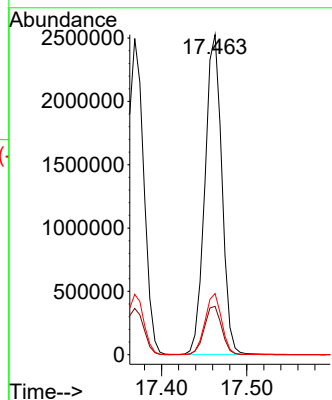
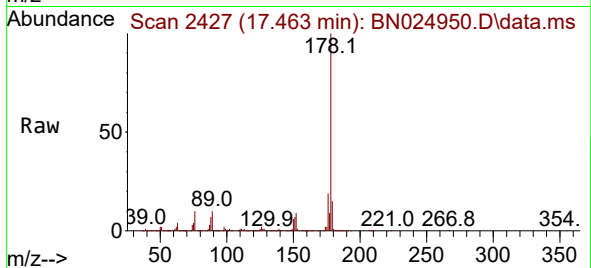
Tgt Ion:178 Resp: 3481349

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.1 14.6 21.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.312 ng/uI

RT: 13.381 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

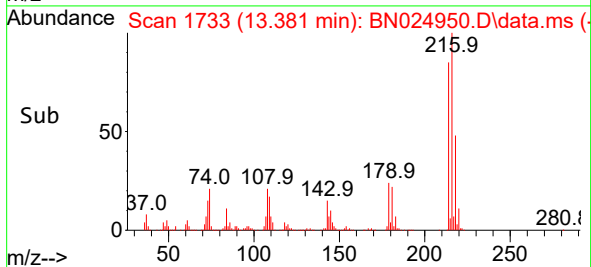
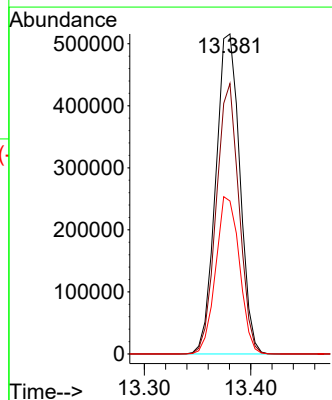
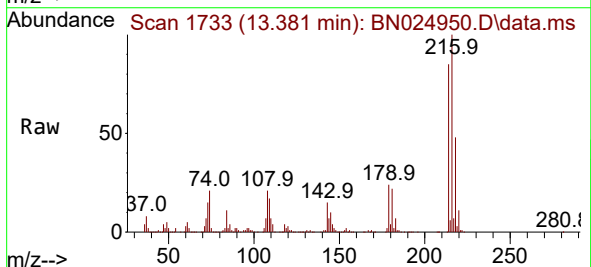
Tgt Ion:216 Resp: 808819

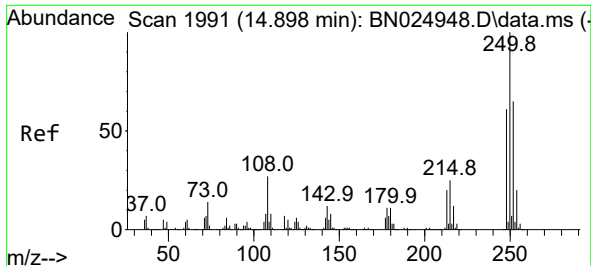
Ion Ratio Lower Upper

216 100

214 84.5 62.5 93.7

218 47.8 37.7 56.5

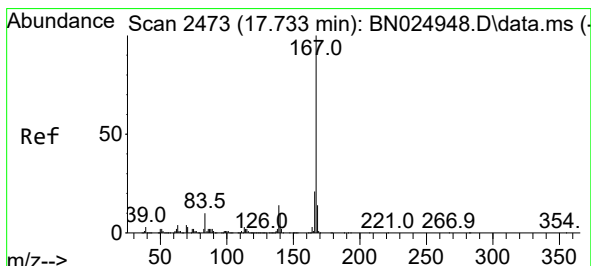
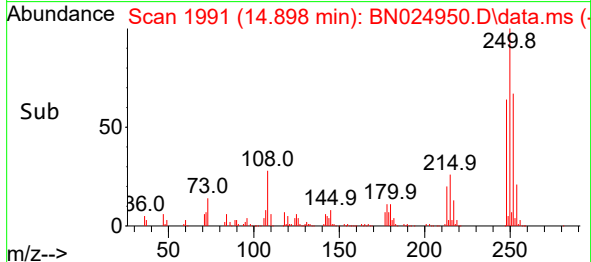
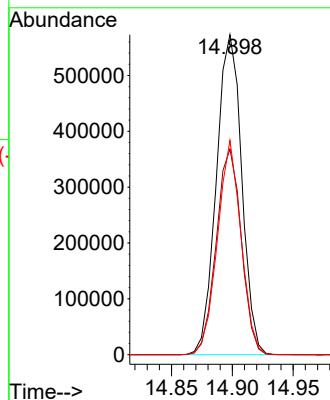
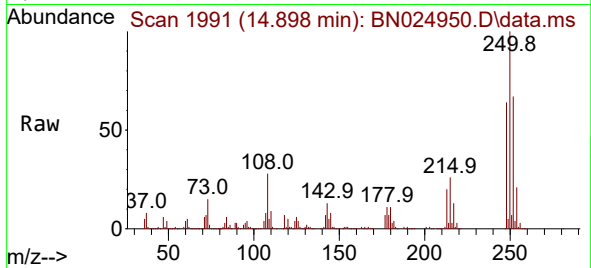




#76
 Pentachlorobenzene
 Concen: 33.624 ng/uL
 RT: 14.898 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

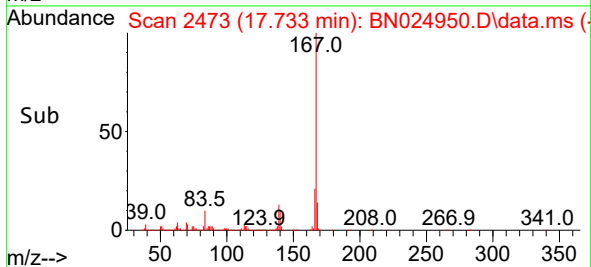
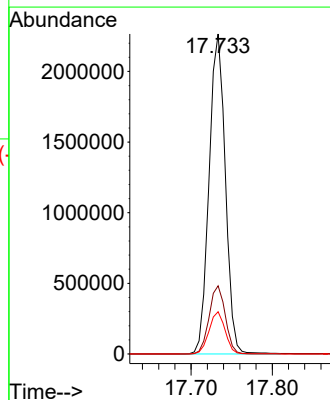
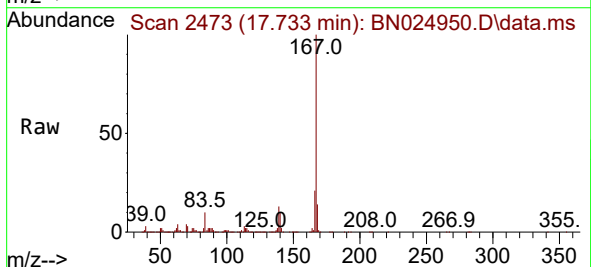
Instrument :
 BNA_N
 ClientSampleId :
 SLCS129

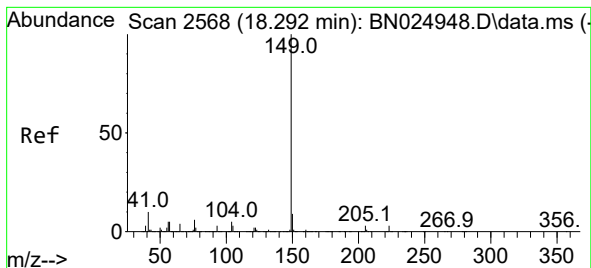
Tgt Ion:250 Resp: 830970
 Ion Ratio Lower Upper
 250 100
 248 64.2 50.8 76.2
 252 66.9 51.8 77.6



#77
 Carbazole
 Concen: 33.779 ng/uL
 RT: 17.733 min Scan# 2473
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Tgt Ion:167 Resp: 3149724
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.6 24.8
 139 13.2 10.2 15.4





#78

Di-n-butylphthalate

Concen: 35.457 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

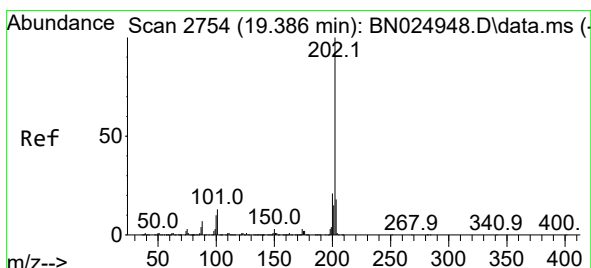
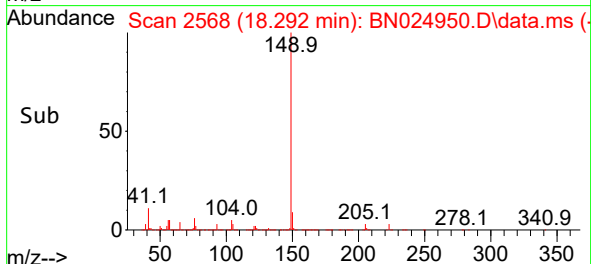
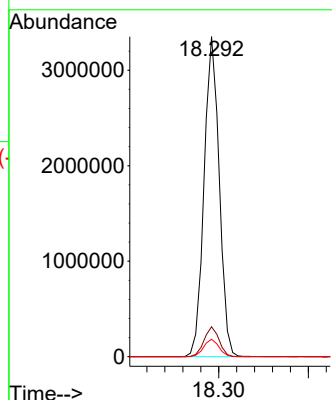
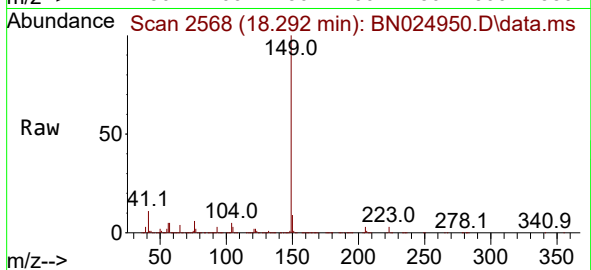
Tgt Ion:149 Resp: 3924308

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.5 4.2 6.4



#80

Fluoranthene

Concen: 33.306 ng/ul

RT: 19.386 min Scan# 2754

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

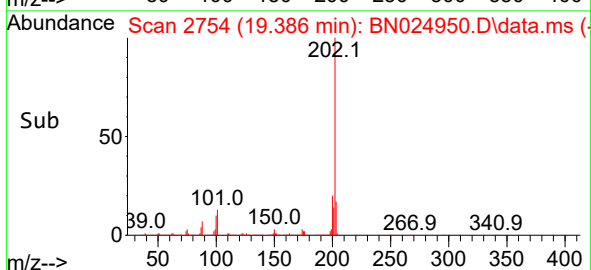
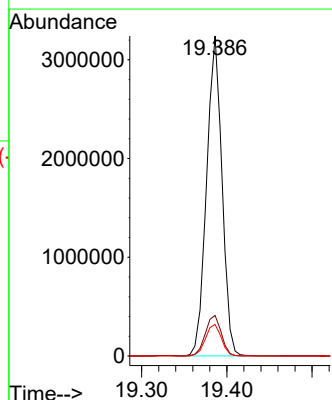
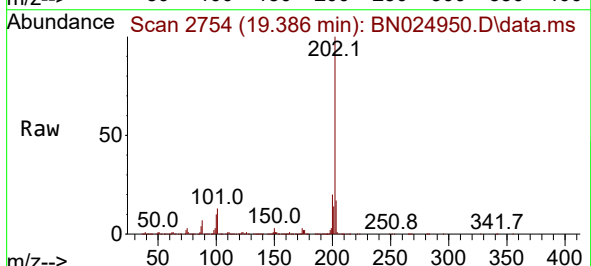
Tgt Ion:202 Resp: 4063135

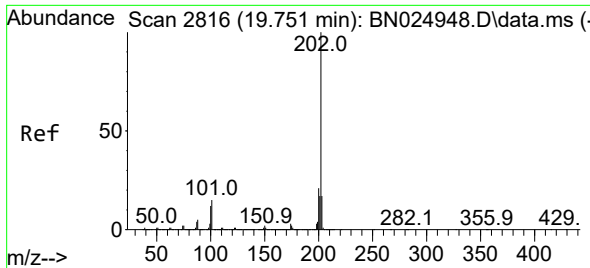
Ion Ratio Lower Upper

202 100

101 12.6 10.7 16.1

100 9.8 7.9 11.9



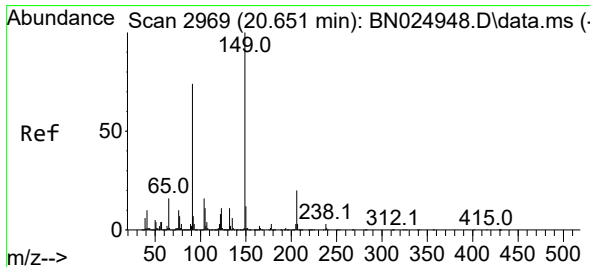
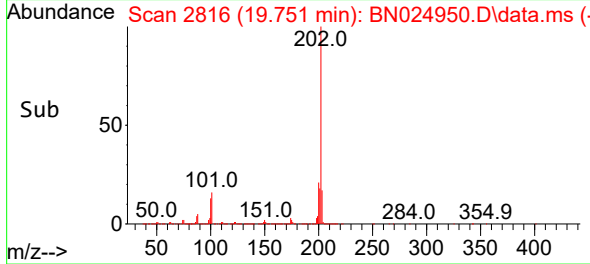
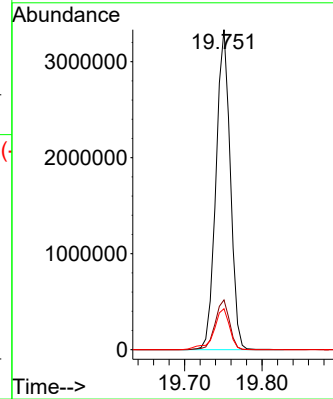
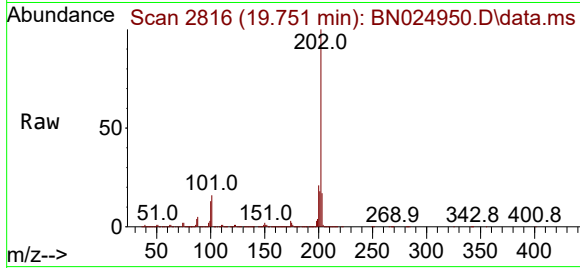


#82
 Pyrene
 Concen: 33.163 ng/ul
 RT: 19.751 min Scan# 2816
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Instrument :
 BNA_N
 ClientSampleId :
 SLCS129

Tgt Ion:202 Resp: 4258408

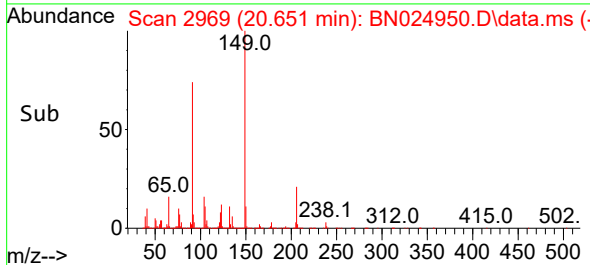
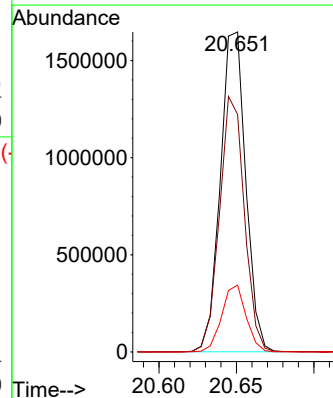
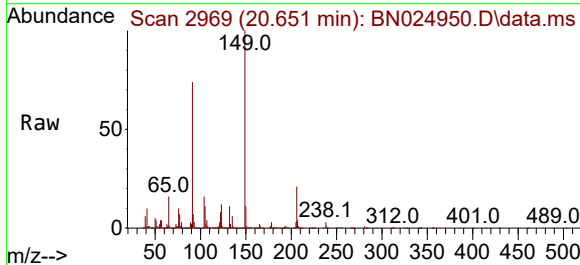
Ion	Ratio	Lower	Upper
202	100		
101	15.5	13.0	19.6
100	12.8	11.0	16.6

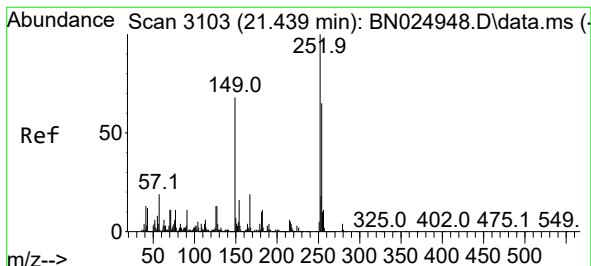


#83
 Butylbenzylphthalate
 Concen: 35.293 ng/ul
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Tgt Ion:149 Resp: 1881531

Ion	Ratio	Lower	Upper
149	100		
91	74.2	62.6	93.8
206	20.9	16.2	24.2





#84

3,3'-Dichlorobenzidine

Concen: 14.494 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

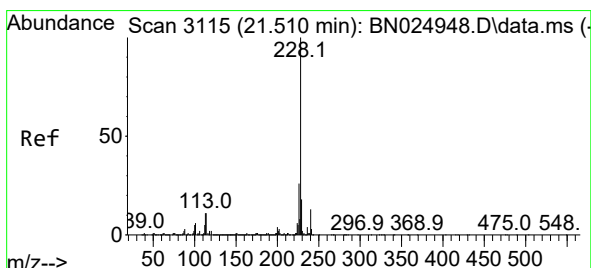
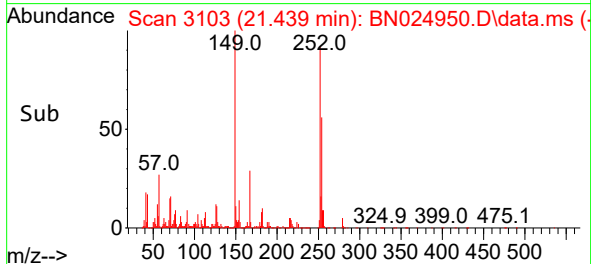
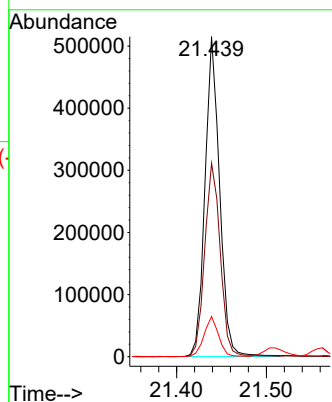
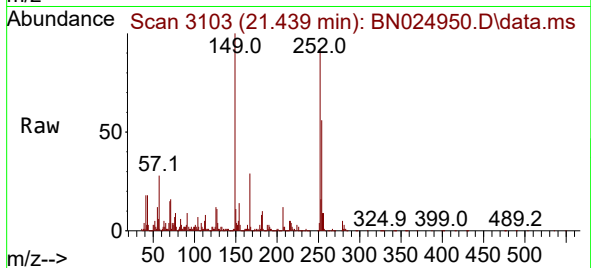
Tgt Ion:252 Resp: 582948

Ion Ratio Lower Upper

252 100

254 60.4 52.2 78.2

126 12.5 11.4 17.2



#85

Benzo(a)anthracene

Concen: 33.951 ng/ul

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

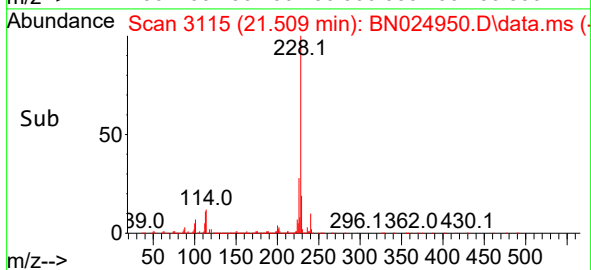
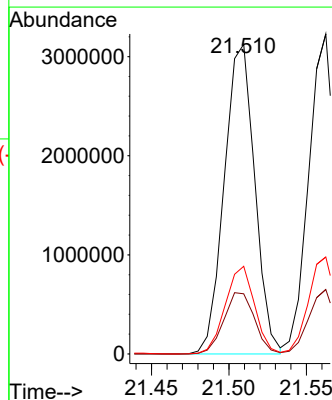
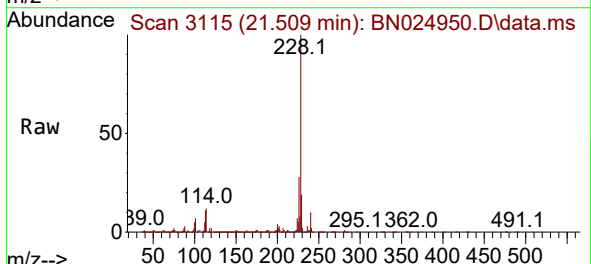
Tgt Ion:228 Resp: 4274246

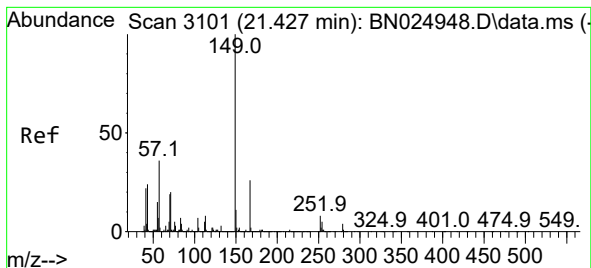
Ion Ratio Lower Upper

228 100

229 19.4 16.2 24.2

226 28.3 20.7 31.1

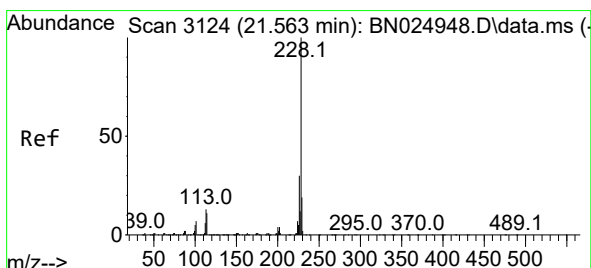
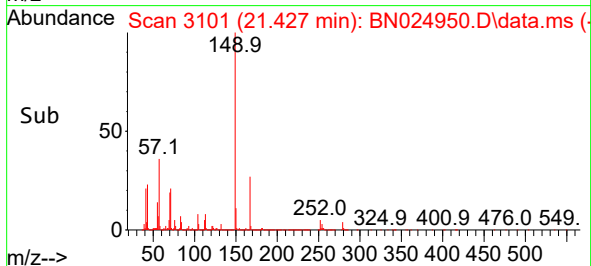
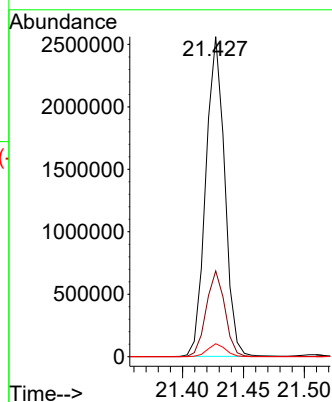
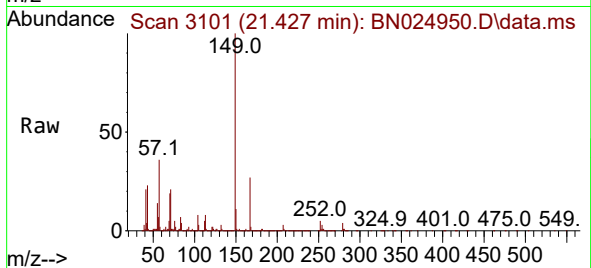




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 34.595 ng/ul
 RT: 21.427 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

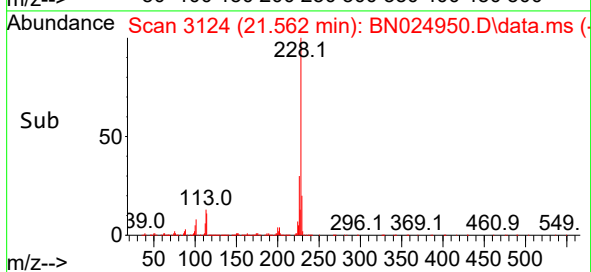
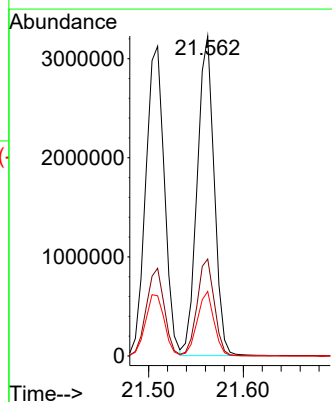
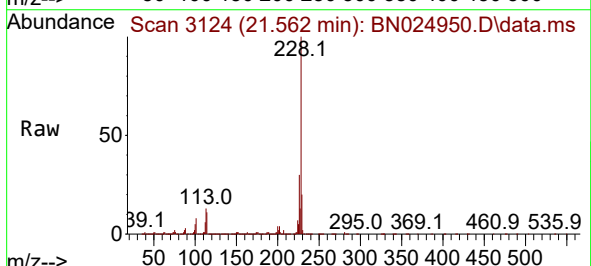
Instrument :
 BNA_N
 ClientSampleId :
 SLCS129

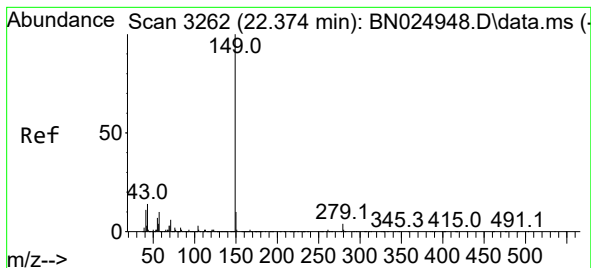
Tgt Ion:149 Resp: 2753259
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.8
 279 4.1 2.9 4.3



#87
 Chrysene
 Concen: 33.450 ng/ul
 RT: 21.562 min Scan# 3124
 Delta R.T. -0.000 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Tgt Ion:228 Resp: 4011178
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.4 33.6
 229 20.1 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 38.204 ng/ul

RT: 22.368 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

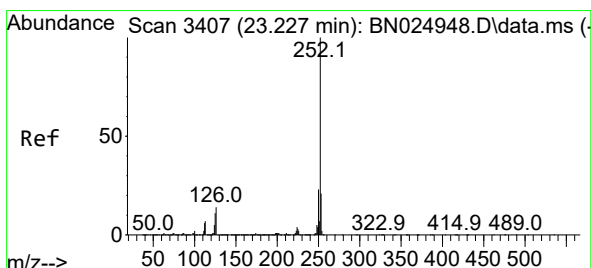
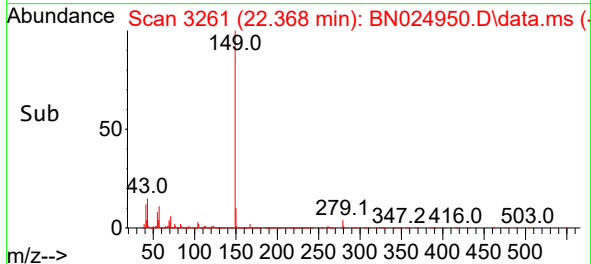
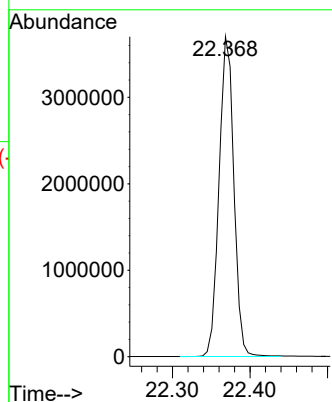
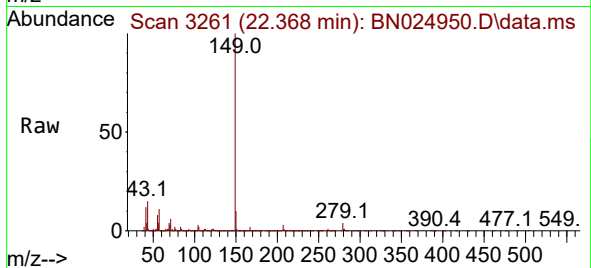
Instrument :

BNA_N

ClientSampleId :

SLCS129

Tgt Ion:149 Resp: 4916934



#90

Benzo(b)fluoranthene

Concen: 35.612 ng/ul

RT: 23.221 min Scan# 3406

Delta R.T. -0.000 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

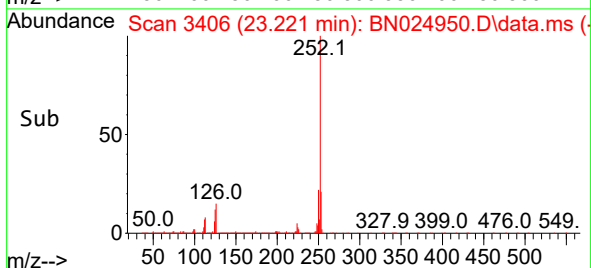
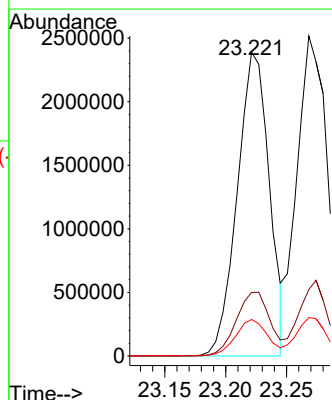
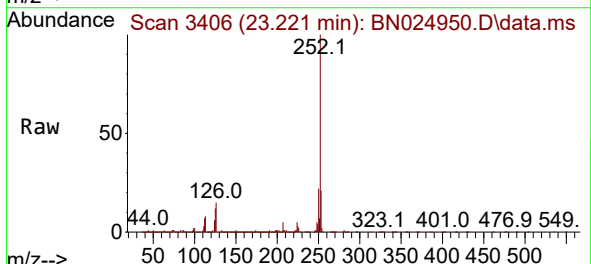
Tgt Ion:252 Resp: 4373753

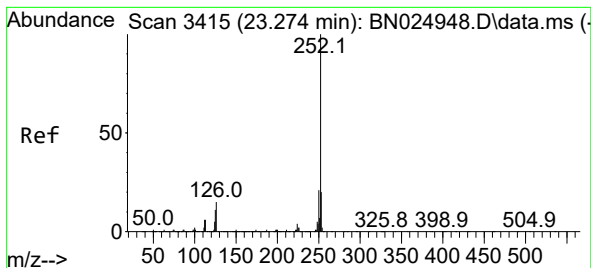
Ion Ratio Lower Upper

252 100

253 20.9 19.2 28.8

125 12.0 10.4 15.6





#91

Benzo(k)fluoranthene

Concen: 36.234 ng/ul

RT: 23.268 min Scan# 3415

Delta R.T. -0.006 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

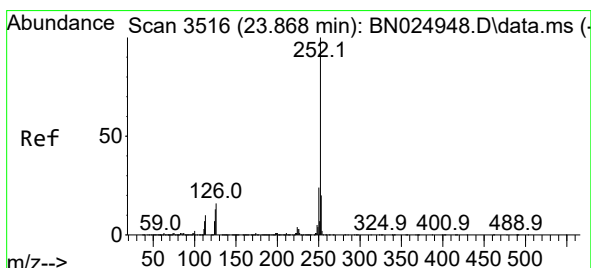
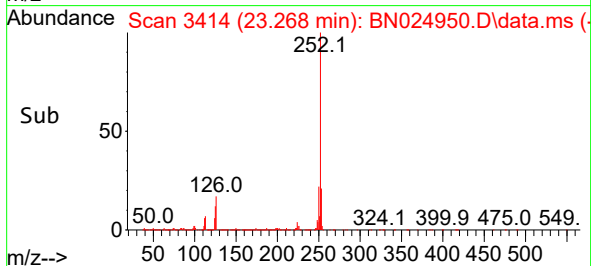
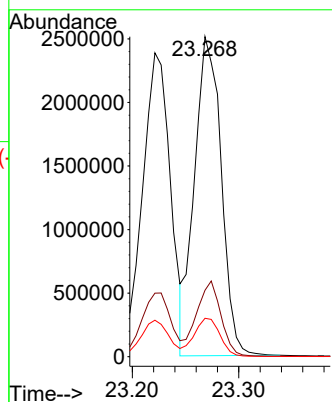
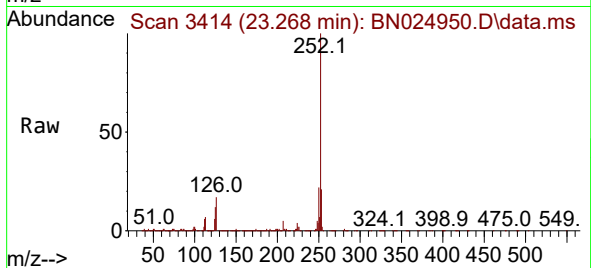
Tgt Ion:252 Resp: 4378919

Ion Ratio Lower Upper

252 100

253 20.8 16.7 25.1

125 12.0 9.3 13.9



#93

Benzo(a)pyrene

Concen: 35.360 ng/ul

RT: 23.856 min Scan# 3514

Delta R.T. -0.018 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

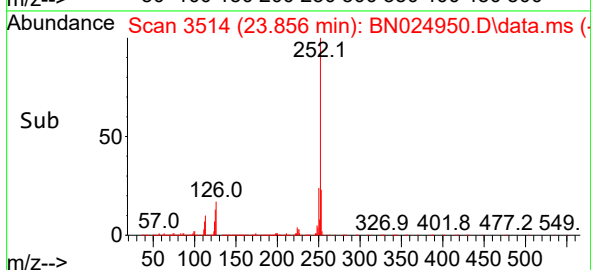
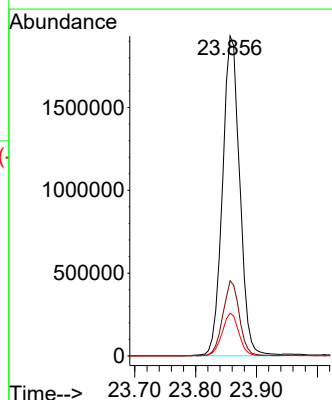
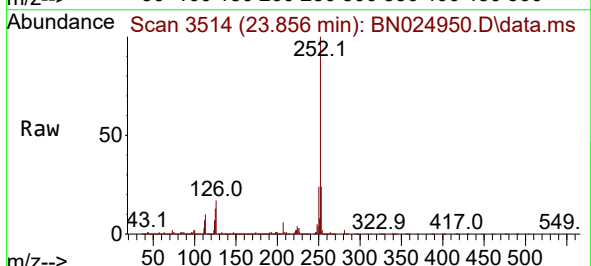
Tgt Ion:252 Resp: 3802271

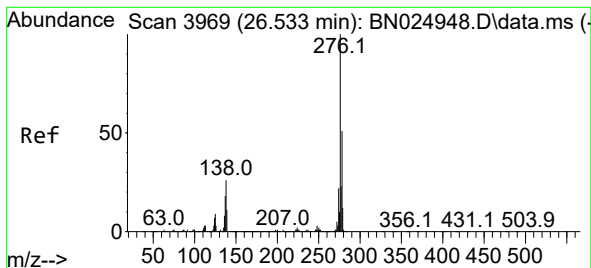
Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 13.3 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 33.327 ng/ul

RT: 26.509 min Scan# 3965

Delta R.T. -0.030 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

Instrument :

BNA_N

ClientSampleId :

SLCS129

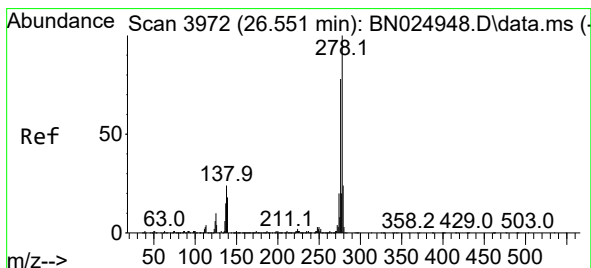
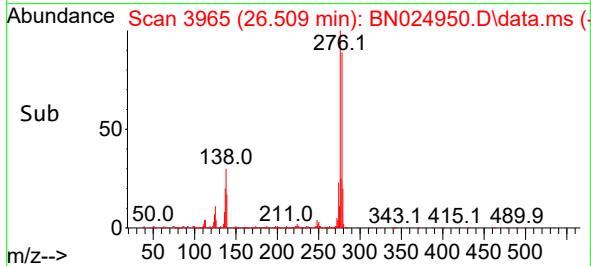
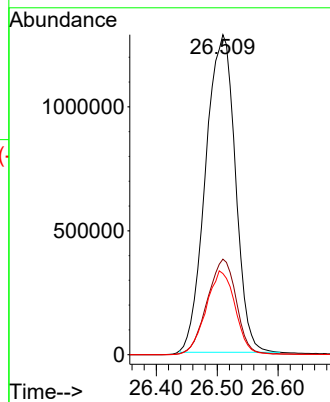
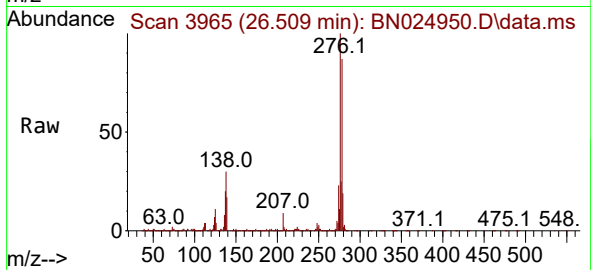
Tgt Ion:276 Resp: 4341955

Ion Ratio Lower Upper

276 100

138 29.9 21.9 32.9

277 25.3 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 34.088 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. -0.036 min

Lab File: BN024950.D

Acq: 17 Apr 2023 11:43

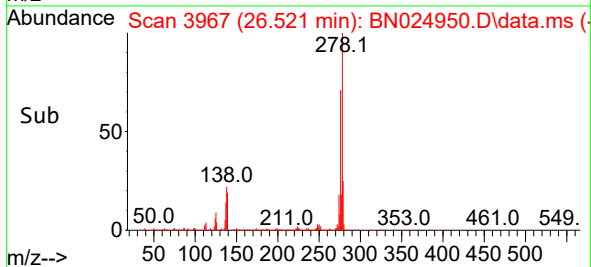
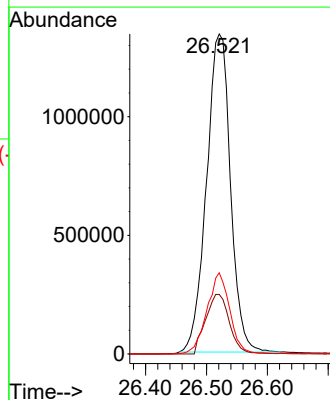
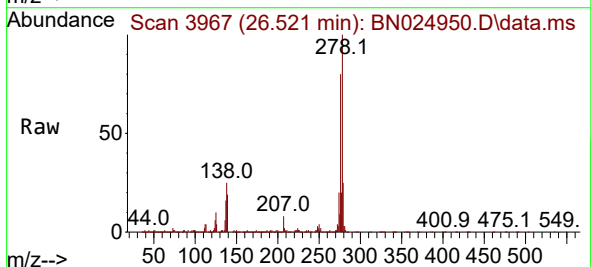
Tgt Ion:278 Resp: 3666512

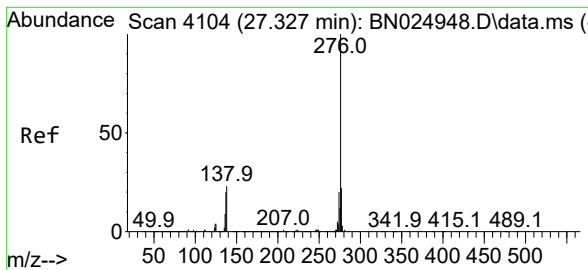
Ion Ratio Lower Upper

278 100

139 18.6 14.6 21.8

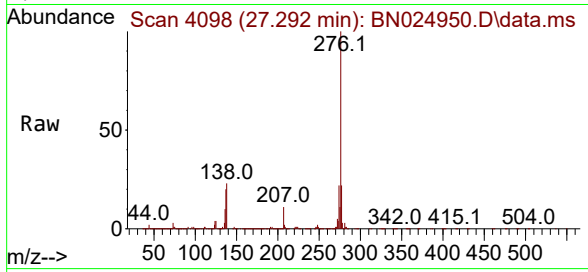
279 25.4 18.2 27.4





#96
 Benzo(g,h,i)perylene
 Concen: 32.860 ng/ul
 RT: 27.292 min Scan# 4098
 Delta R.T. -0.036 min
 Lab File: BN024950.D
 Acq: 17 Apr 2023 11:43

Instrument :
 BNA_N
 ClientSampleId :
 SLCS129



Tgt Ion: 276 Resp: 3473954

Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.8	29.8
277	22.3	17.6	26.4

