

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028613.D
 Acq On : 14 Nov 2023 21:58
 Operator : MA/JU
 Sample : PB157093BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 14 23:39:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	142460	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	847202	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	575209	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1201973	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	974572	20.000	ng/u1	0.00
88) Perylene-d12	23.604	264	915392	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	35996	9.047	ng/uL	0.00
4) Pyridine-d5	3.564	84	310185	35.562	ng/u1	0.00
7) Phenol-d5	6.881	99	549539	40.379	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	346468	41.159	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	510997	42.963	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	475264	42.408	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	243580	32.022	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	239047	30.021	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	451536	33.352	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.640	131	563697	27.474	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1811710	34.932	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2042711	34.172	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	194934	35.467	ng/u1	-0.02
60) Fluorene-d10	15.339	176	1463220	34.220	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	254979	38.189	ng/u1	0.00
73) Anthracene-d10	17.192	188	2199932	32.788	ng/u1	0.00
81) Pyrene-d10	19.498	212	2529237	34.218	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	2055024	35.860	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	76270	17.949	ng/uL	92
5) Pyridine	3.581	79	375584	41.646	ng/u1	98
6) Benzaldehyde	6.852	77	112630	17.551	ng/u1	95
8) Phenol	6.905	94	640884	47.334	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	479863	41.758	ng/u1	99
12) 2-Chlorophenol	7.263	128	546602	46.190	ng/u1	97
13) 2-Methylphenol	8.152	108	466252	42.975	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	913752	51.506	ng/u1	99
16) Acetophenone	8.528	105	804597	43.666	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.510	70	463872	48.269	ng/u1	98
18) 4-Methylphenol	8.481	108	507700	43.579	ng/u1	95
19) Hexachloroethane	8.763	117	250043	46.002	ng/u1	93
22) Nitrobenzene	8.905	77	545118	33.485	ng/u1	97
23) Isophorone	9.422	82	1383269	38.105	ng/u1	100
25) 2-Nitrophenol	9.610	139	264560	31.590	ng/u1	98
26) 2,4-Dimethylphenol	9.681	107	500552	30.502	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	717054	34.203	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	480677	35.882	ng/u1	99
30) Naphthalene	10.534	128	1986604	36.621	ng/u1	98
32) 4-Chloroaniline	10.663	127	515221	26.784	ng/u1	100
33) Hexachlorobutadiene	10.822	225	355876	35.451	ng/u1	98
34) Caprolactam	11.434	113	92173	20.332	ng/u1	91
35) 4-Chloro-3-methylphenol	11.793	107	517866	35.443	ng/u1	97
36) 2-Methylnaphthalene	12.157	142	1327738	36.966	ng/u1	97

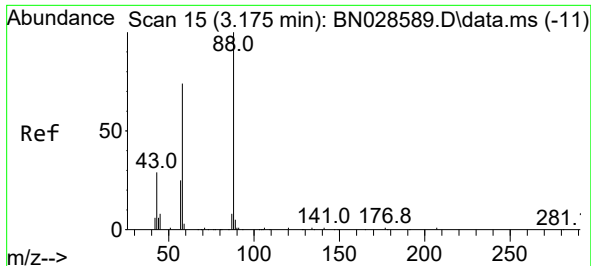
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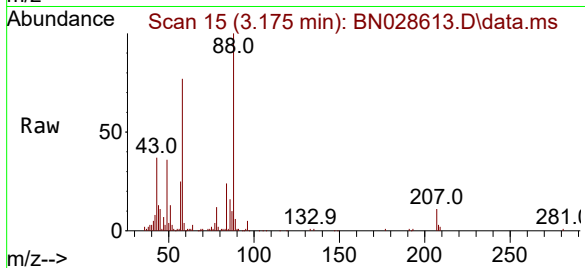
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1351032	36.409	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.528	216	671640	34.368	ng/ul	94
40) Hexachlorocyclopentadiene	12.504	237	356266	36.202	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	412123	35.977	ng/ul	97
42) 2,4,5-Trichlorophenol	12.851	196	401057	29.306	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	1782067	35.149	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1406648	34.776	ng/ul	96
45) 2-Nitroaniline	13.440	65	352604	34.128	ng/ul	98
47) Dimethylphthalate	13.816	163	1919928	37.340	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	372502	36.689	ng/ul	97
50) Acenaphthylene	14.063	152	2489160	36.965	ng/ul	100
51) 3-Nitroaniline	14.275	138	228887	22.997	ng/ul	98
52) Acenaphthene	14.404	153	1631663	36.820	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	82453	33.144	ng/ul#	83
55) 4-Nitrophenol	14.587	109	143864	40.019	ng/ul	99
56) Dibenzofuran	14.745	168	2175177	36.788	ng/ul	99
57) 2,4-Dinitrotoluene	14.722	165	557967	39.978	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.975	232	415965	37.759	ng/ul	99
59) Diethylphthalate	15.181	149	2004416	38.124	ng/ul	98
61) Fluorene	15.392	166	1807329	36.672	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.398	204	868259	36.405	ng/ul	95
63) 4-Nitroaniline	15.445	138	203652	21.370	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.481	198	287449	41.204	ng/ul#	94
67) N-Nitrosodiphenylamine	15.610	169	1494952	36.075	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	505547	35.205	ng/ul	98
69) Hexachlorobenzene	16.398	284	629068	37.302	ng/ul	95
70) Atrazine	16.569	200	363524	28.642	ng/ul	98
71) Pentachlorophenol	16.745	266	328373	38.821	ng/ul	95
72) Phenanthrene	17.133	178	2820117	37.437	ng/ul	99
74) Anthracene	17.228	178	2730170	34.701	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	725938	35.295	ng/ul	97
76) Pentachlorobenzene	14.663	250	719839	35.715	ng/ul	95
77) Carbazole	17.504	167	2375518	36.858	ng/ul	99
78) Di-n-butylphthalate	18.080	149	3361891	39.045	ng/ul	100
80) Fluoranthene	19.163	202	3231992	37.374	ng/ul	99
82) Pyrene	19.527	202	3335057	37.391	ng/ul	99
83) Butylbenzylphthalate	20.451	149	1429816	38.389	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	731584	32.960	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2795181	36.384	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.233	149	2020642	38.590	ng/ul	99
87) Chrysene	21.345	228	2909662	36.615	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3359411	42.529	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	2654826	40.103	ng/ul	97
91) Benzo(k)fluoranthene	22.957	252	2738851	36.880	ng/ul	96
93) Benzo(a)pyrene	23.504	252	2552218	38.744	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.974	276	2736026	35.539	ng/ul	96
95) Dibenzo(a,h)anthracene	25.980	278	2352295	37.064	ng/ul	99
96) Benzo(g,h,i)perylene	26.686	276	2286456	37.639	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

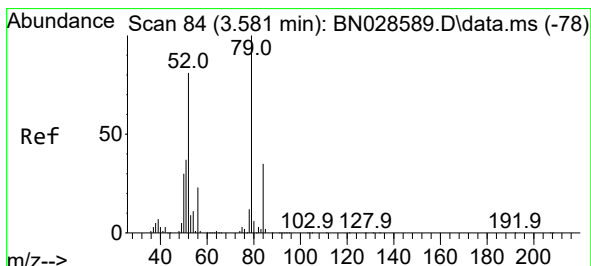
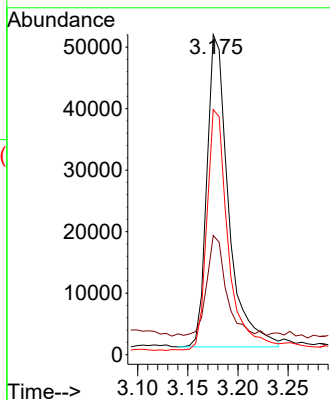
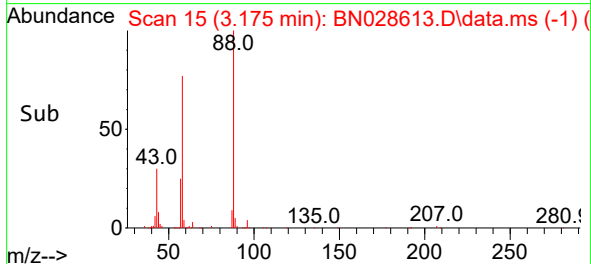


#2
1,4-Dioxane
Concen: 17.949 ng/uL
RT: 3.175 min Scan# 15
Delta R.T. -0.000 min
Lab File: BN028613.D
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BNA_N
ClientSampleId :

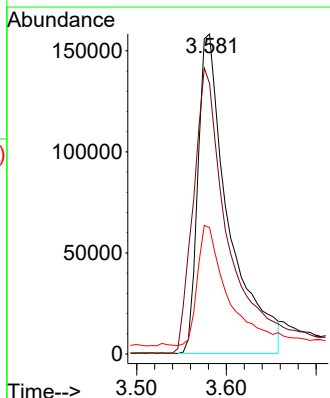
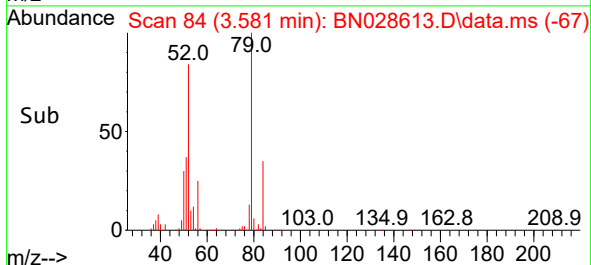
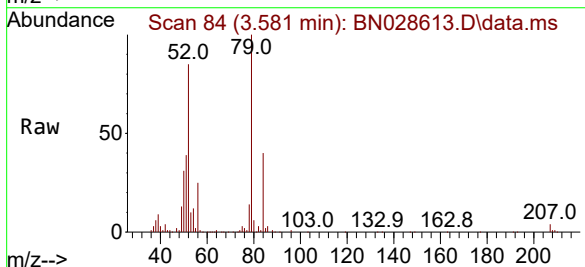


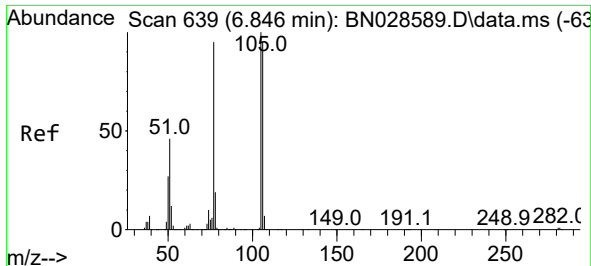
Tgt Ion: 88 Resp: 76270
Ion Ratio Lower Upper
88 100
43 37.3 25.3 37.9
58 76.6 56.8 85.2



#5
Pyridine
Concen: 41.646 ng/uL
RT: 3.581 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion: 79 Resp: 375584
Ion Ratio Lower Upper
79 100
52 84.6 65.8 98.6
51 39.5 32.0 48.0

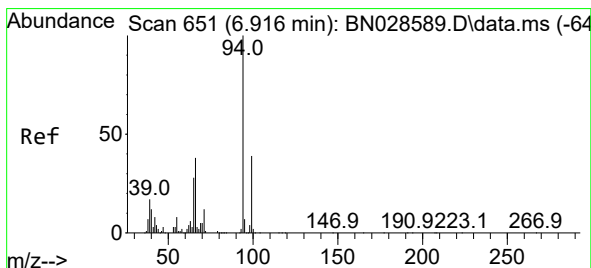
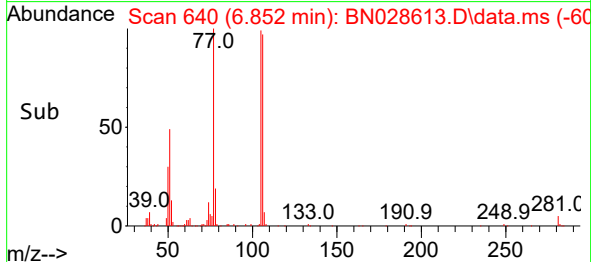
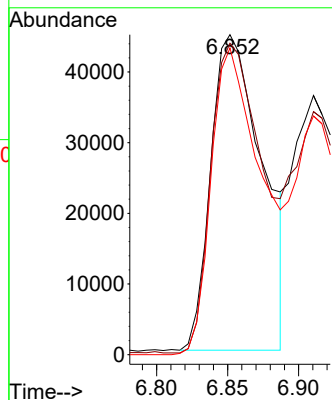
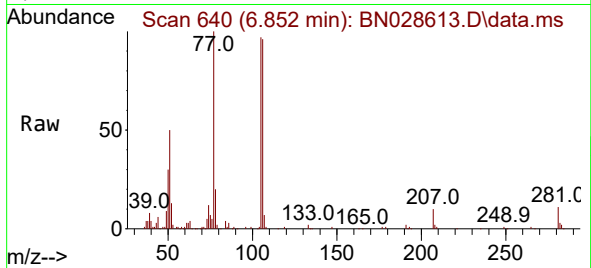




#6
Benzaldehyde
Concen: 17.551 ng/ul
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

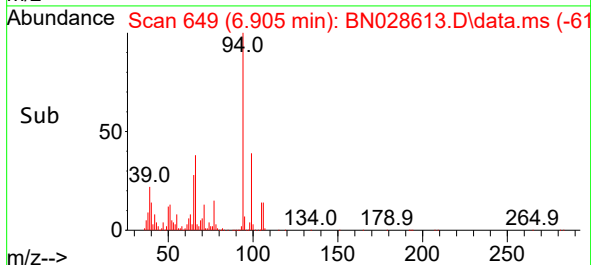
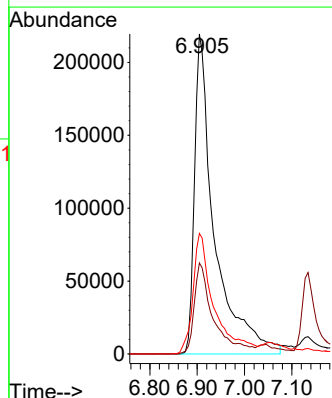
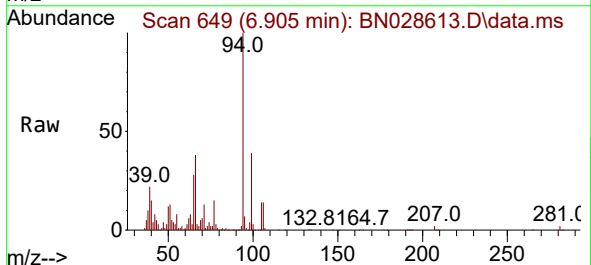
Instrument :
BNA_N
ClientSampleId :

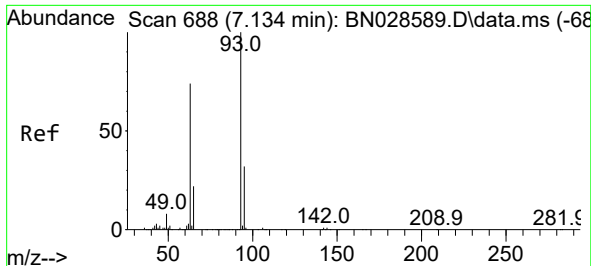
Tgt Ion: 77 Resp: 112630
Ion Ratio Lower Upper
77 100
105 97.3 83.5 125.3
106 95.8 78.6 118.0



#8
Phenol
Concen: 47.334 ng/ul
RT: 6.905 min Scan# 649
Delta R.T. -0.011 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion: 94 Resp: 640884
Ion Ratio Lower Upper
94 100
65 28.5 22.2 33.2
66 37.7 30.0 45.0





#10

Bis(2-Chloroethyl)ether

Concen: 41.758 ng/ul

RT: 7.134 min Scan# 688

Delta R.T. 0.000 min

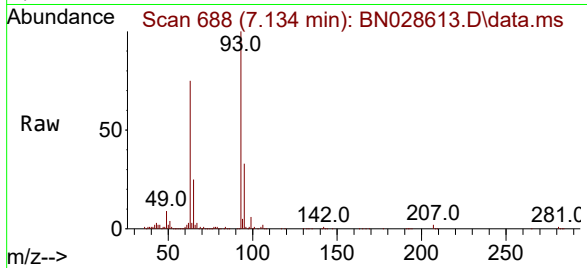
Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :



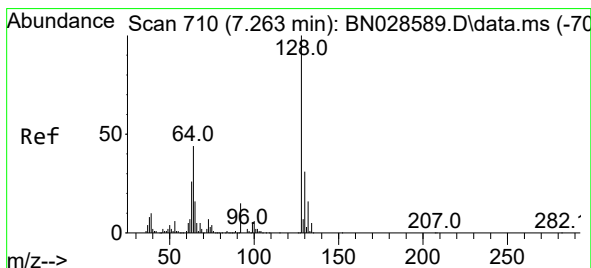
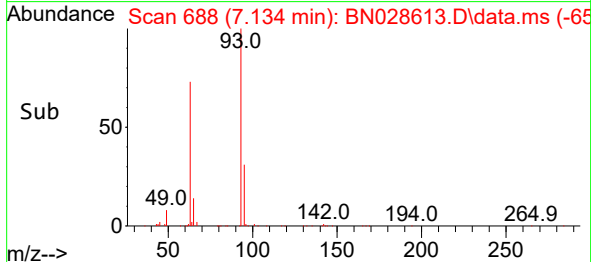
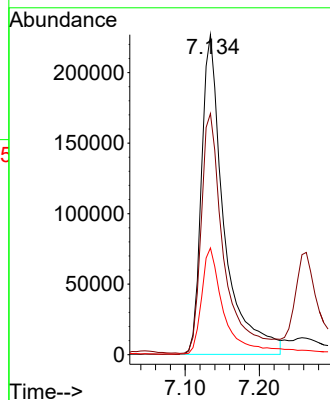
Tgt Ion: 93 Resp: 479863

Ion Ratio Lower Upper

93 100

63 75.4 59.5 89.3

95 33.4 26.2 39.2



#12

2-Chlorophenol

Concen: 46.190 ng/ul

RT: 7.263 min Scan# 710

Delta R.T. 0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

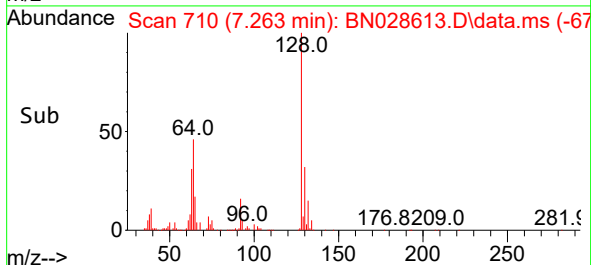
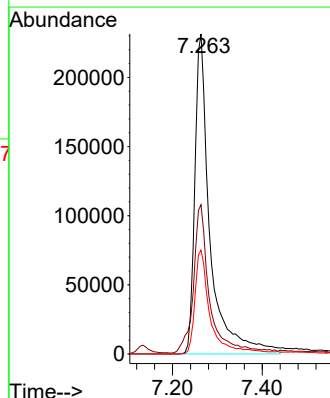
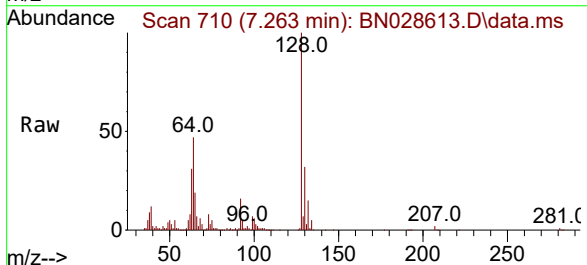
Tgt Ion:128 Resp: 546602

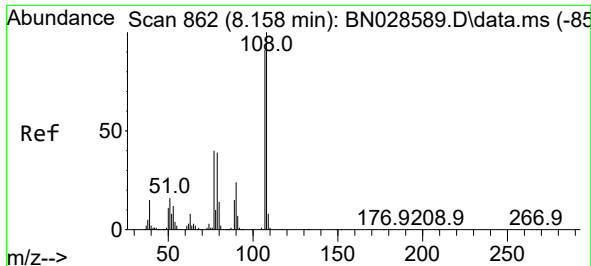
Ion Ratio Lower Upper

128 100

64 46.7 35.9 53.9

130 32.5 24.7 37.1





#13

2-Methylphenol

Concen: 42.975 ng/ul

RT: 8.152 min Scan# 862

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

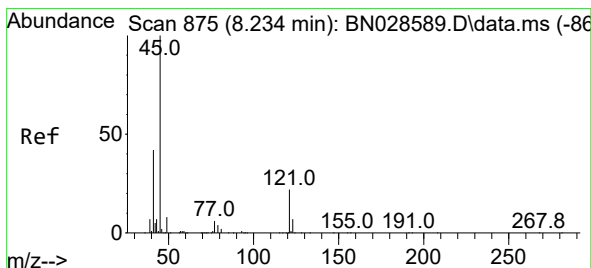
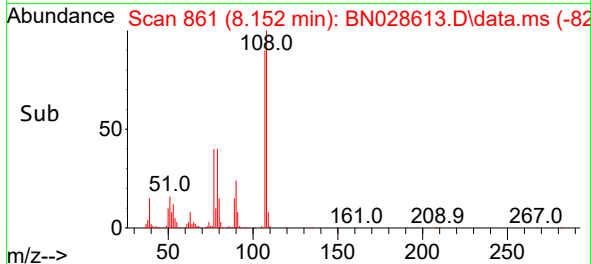
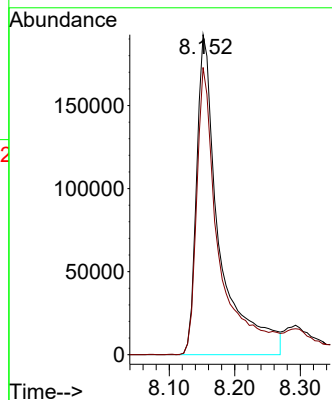
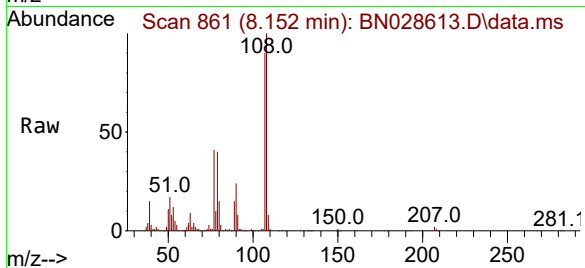
ClientSampleId :

Tgt Ion:108 Resp: 466252

Ion Ratio Lower Upper

108 100

107 89.8 72.7 109.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 51.506 ng/ul

RT: 8.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

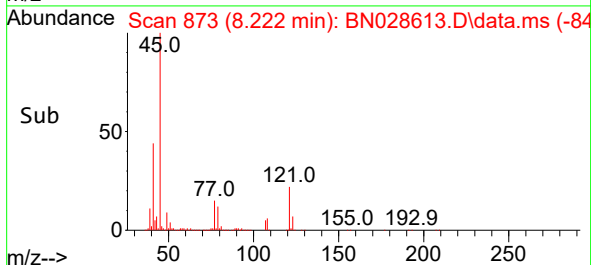
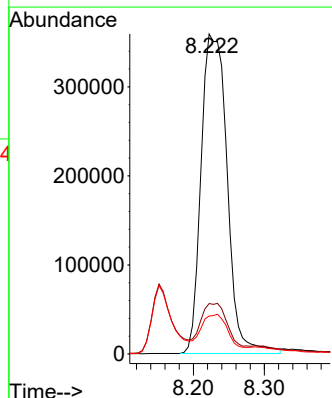
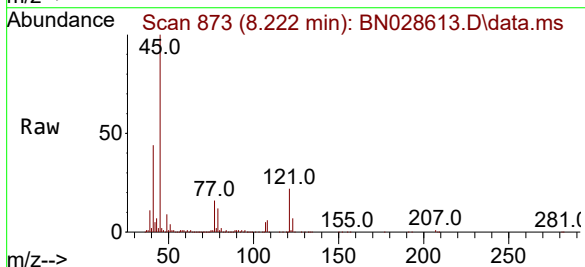
Tgt Ion: 45 Resp: 913752

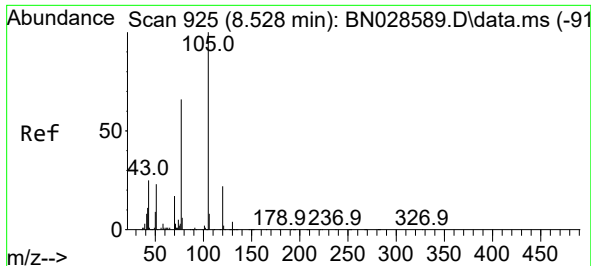
Ion Ratio Lower Upper

45 100

77 15.8 12.6 18.8

79 11.9 9.9 14.9

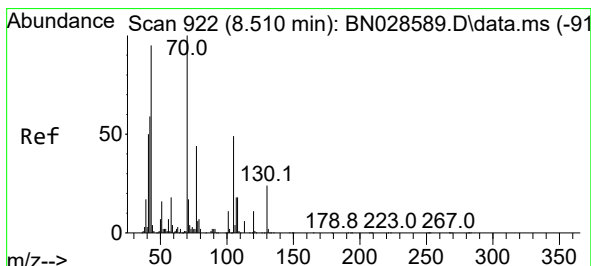
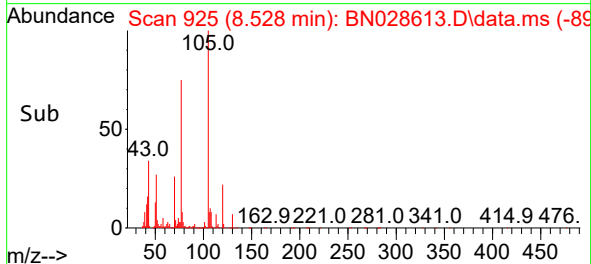
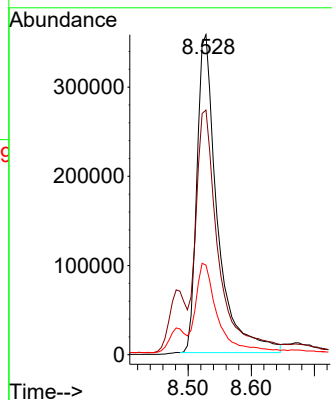
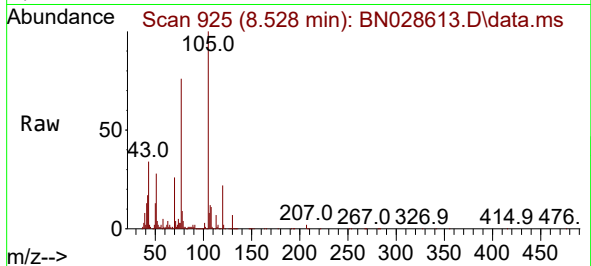




#16
Acetophenone
Concen: 43.666 ng/ul
RT: 8.528 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

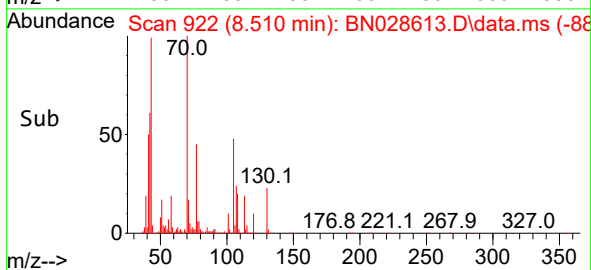
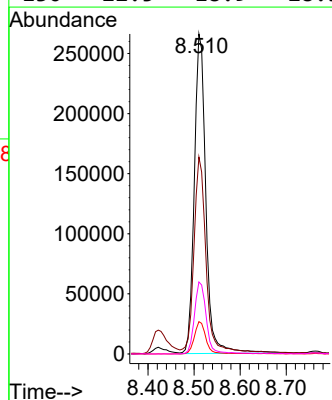
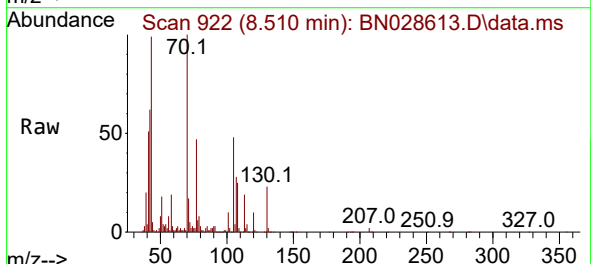
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BNA_N
ClientSampleId :

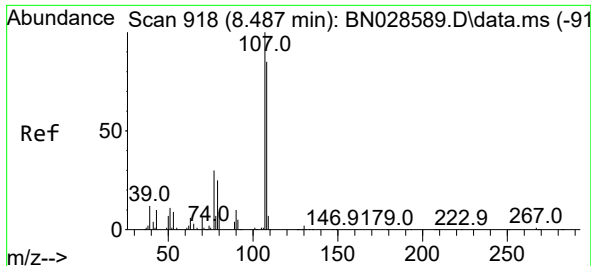
Tgt Ion:105 Resp: 804597
Ion Ratio Lower Upper
105 100
77 76.5 63.0 94.4
51 28.0 22.9 34.3



#17
N-Nitroso-di-n-propylamine
Concen: 48.269 ng/ul
RT: 8.510 min Scan# 922
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion: 70 Resp: 463872
Ion Ratio Lower Upper
70 100
42 61.5 48.1 72.1
101 10.1 8.8 13.2
130 22.5 18.9 28.3

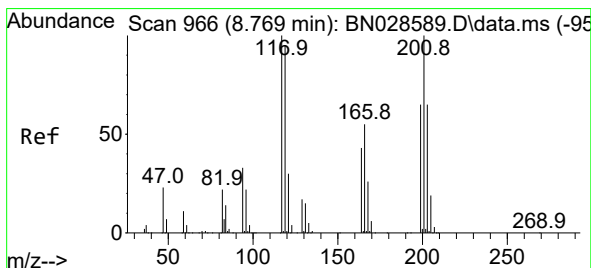
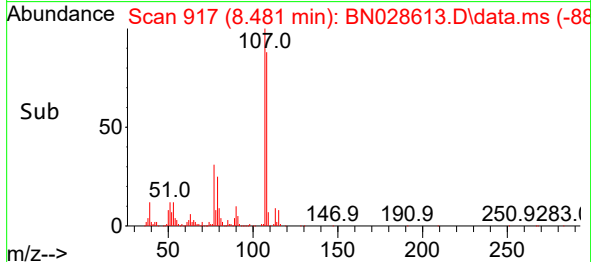
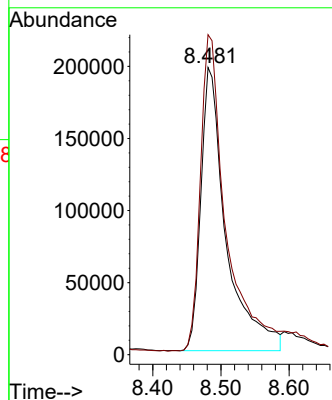
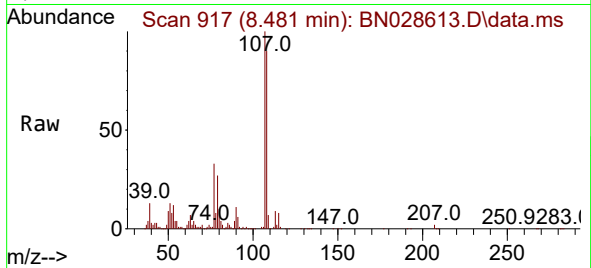




#18
4-Methylphenol
Concen: 43.579 ng/ul
RT: 8.481 min Scan# 918
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

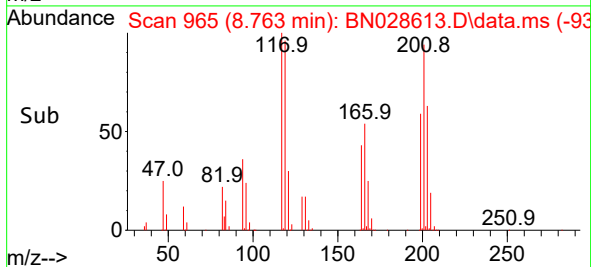
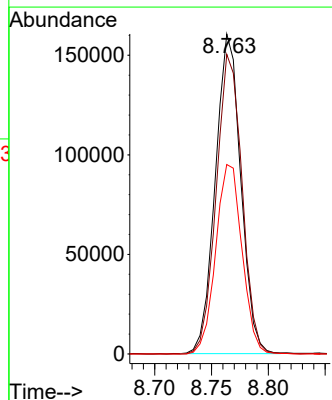
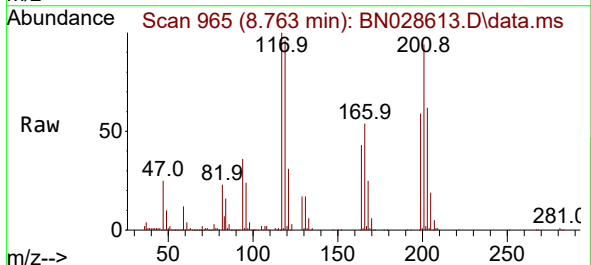
Instrument :
BNA_N
ClientSampleId :

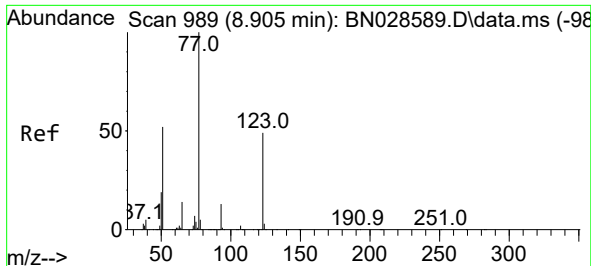
Tgt Ion:108 Resp: 507700
Ion Ratio Lower Upper
108 100
107 111.4 93.5 140.3



#19
Hexachloroethane
Concen: 46.002 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:117 Resp: 250043
Ion Ratio Lower Upper
117 100
201 93.6 80.1 120.1
199 59.2 51.8 77.8

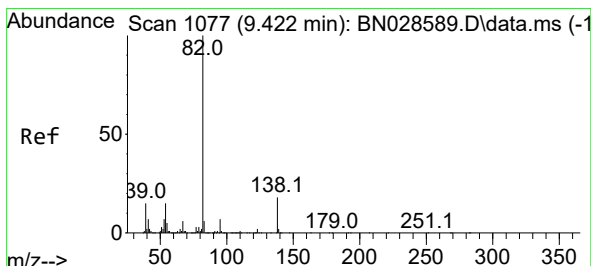
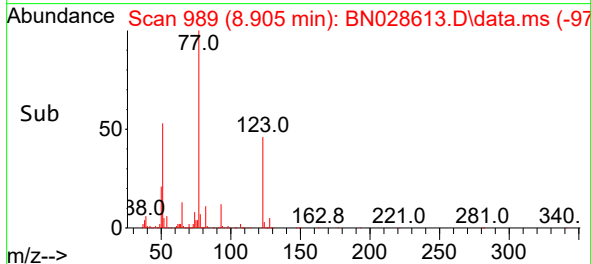
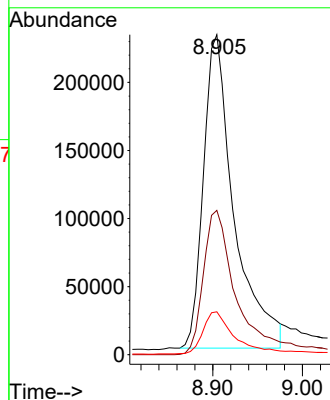
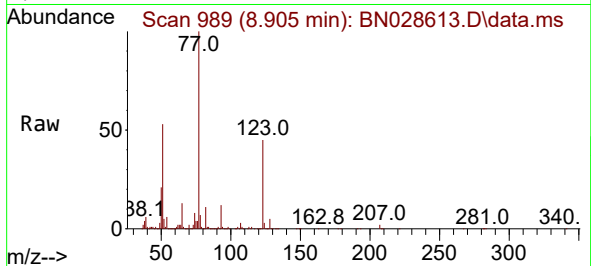




#22
Nitrobenzene
Concen: 33.485 ng/ul
RT: 8.905 min Scan# 989
Delta R.T. -0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

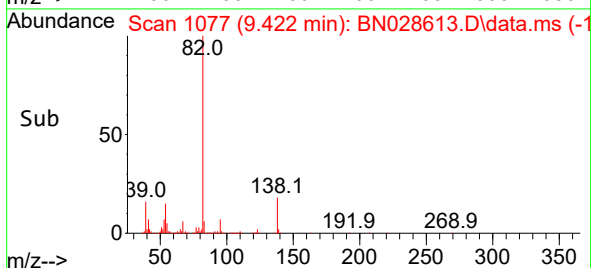
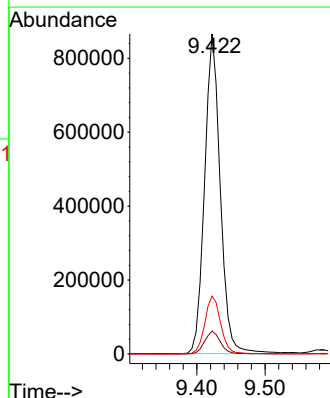
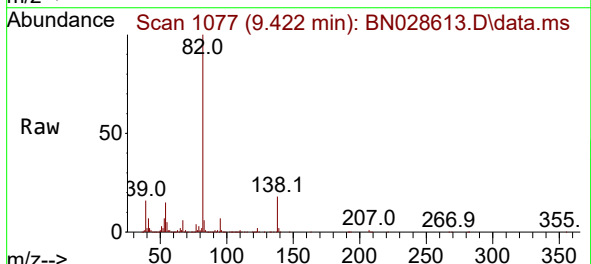
Instrument :
BNA_N
ClientSampleId :

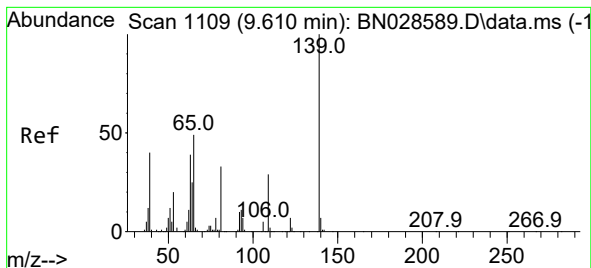
Tgt Ion: 77 Resp: 545118
Ion Ratio Lower Upper
77 100
123 45.1 38.4 57.6
65 13.4 10.9 16.3



#23
Isophorone
Concen: 38.105 ng/ul
RT: 9.422 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion: 82 Resp: 1383269
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.1 14.5 21.7





#25

2-Nitrophenol

Concen: 31.590 ng/ul

RT: 9.610 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

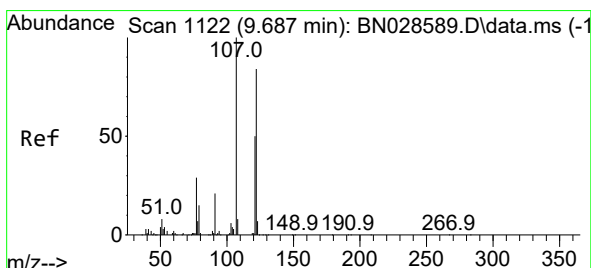
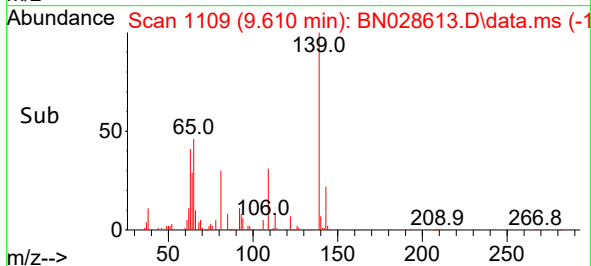
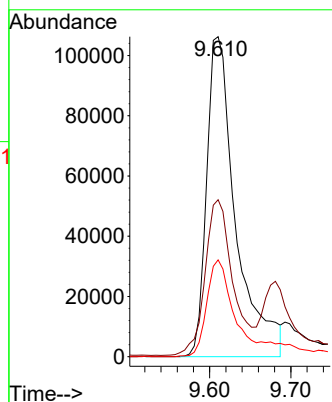
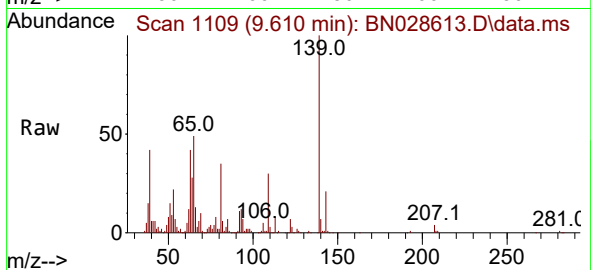
Tgt Ion:139 Resp: 264560

Ion Ratio Lower Upper

139 100

65 49.1 39.8 59.6

109 30.2 23.1 34.7



#26

2,4-Dimethylphenol

Concen: 30.502 ng/ul

RT: 9.681 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

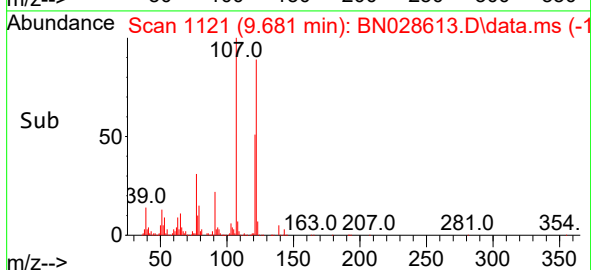
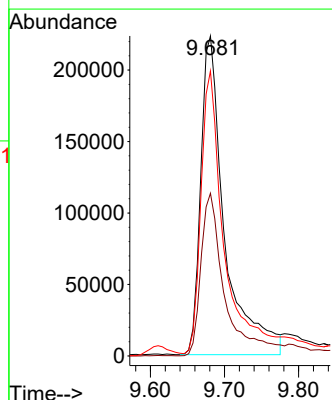
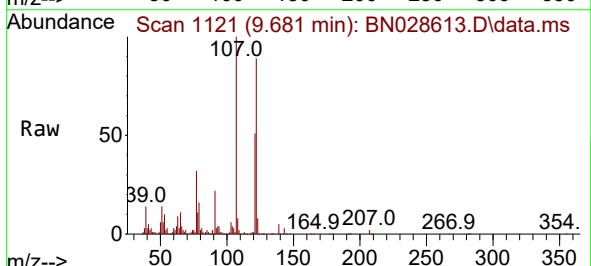
Tgt Ion:107 Resp: 500552

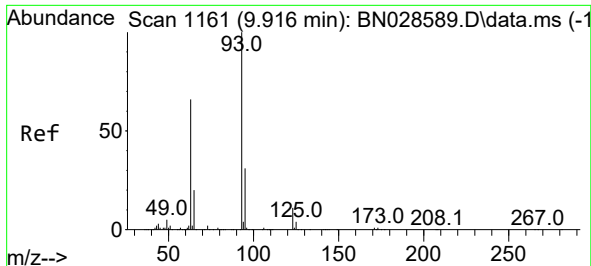
Ion Ratio Lower Upper

107 100

121 50.8 39.8 59.8

122 89.1 68.1 102.1





#27

Bis(2-Chloroethoxy)methane

Concen: 34.203 ng/ul

RT: 9.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

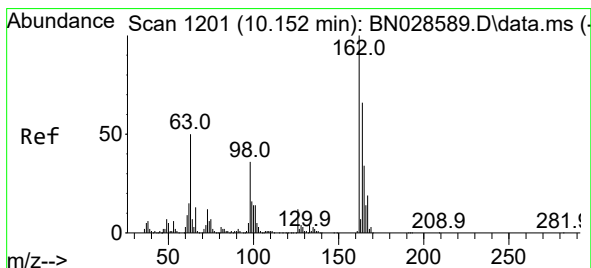
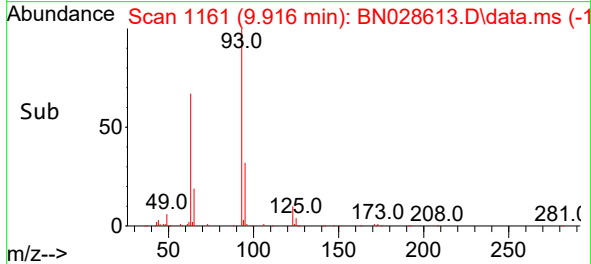
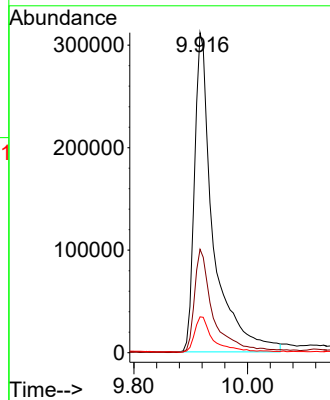
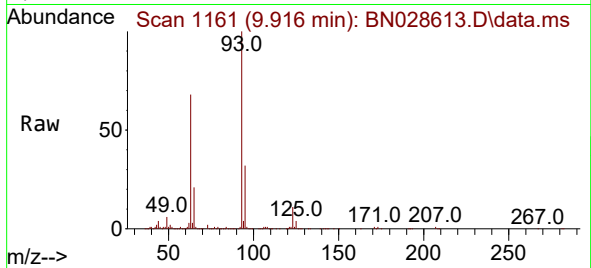
Tgt Ion: 93 Resp: 717054

Ion Ratio Lower Upper

93 100

95 32.3 24.7 37.1

123 11.2 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 35.882 ng/ul

RT: 10.146 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

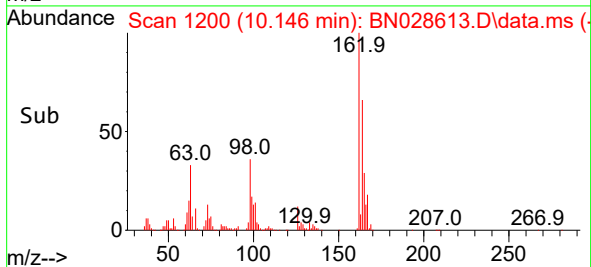
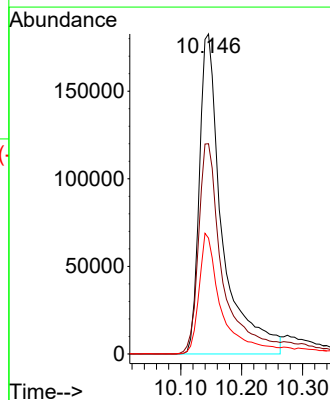
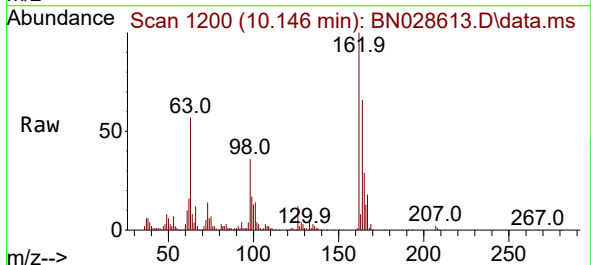
Tgt Ion: 162 Resp: 480677

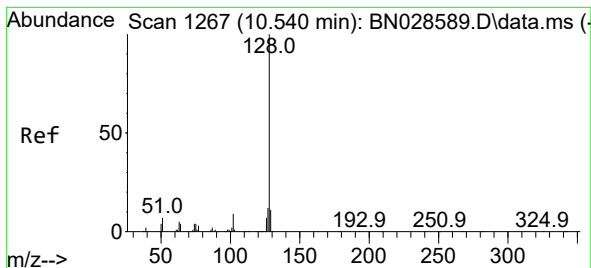
Ion Ratio Lower Upper

162 100

164 65.7 53.1 79.7

98 36.2 28.6 43.0





#30

Naphthalene

Concen: 36.621 ng/ul

RT: 10.534 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

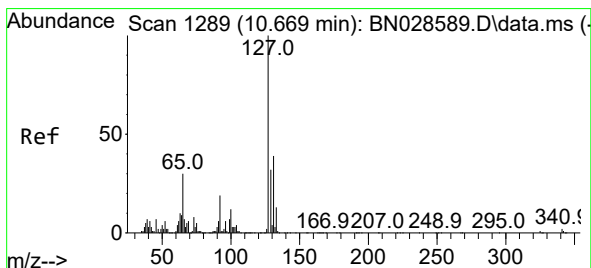
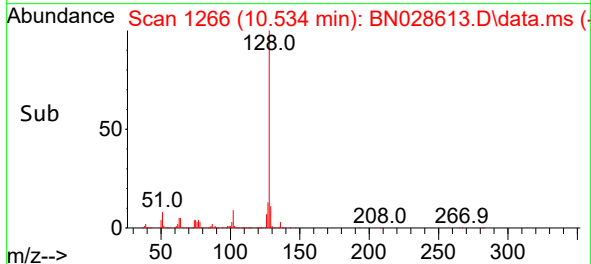
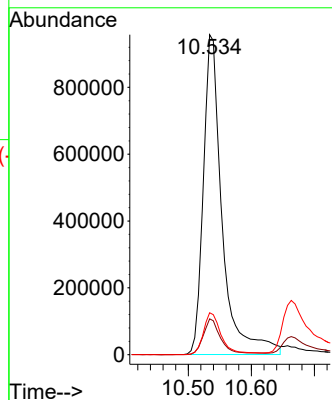
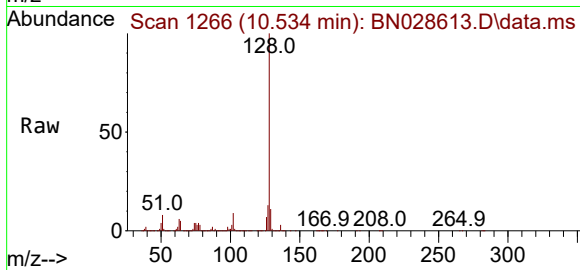
Tgt Ion:128 Resp: 1986604

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 13.1 10.0 15.0



#32

4-Chloroaniline

Concen: 26.784 ng/ul

RT: 10.663 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BN028613.D

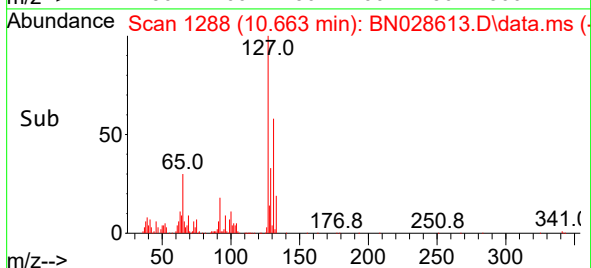
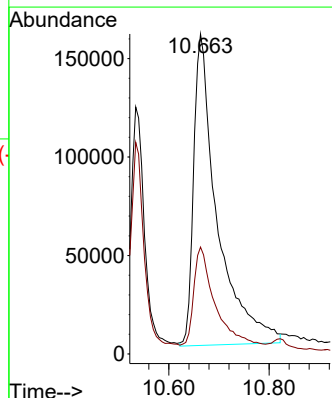
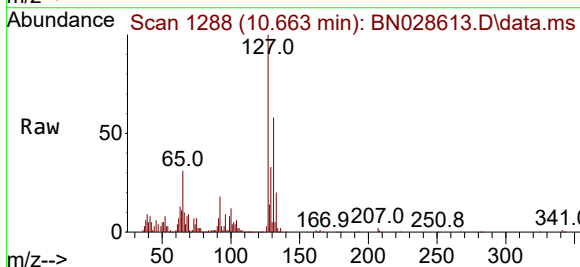
Acq: 14 Nov 2023 21:58

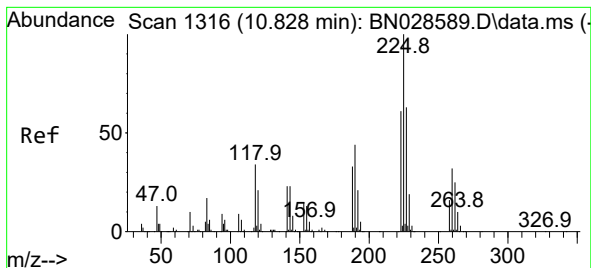
Tgt Ion:127 Resp: 515221

Ion Ratio Lower Upper

127 100

129 33.4 26.7 40.1





#33

Hexachlorobutadiene

Concen: 35.451 ng/ul

RT: 10.822 min Scan# 11

Delta R.T. -0.006 min

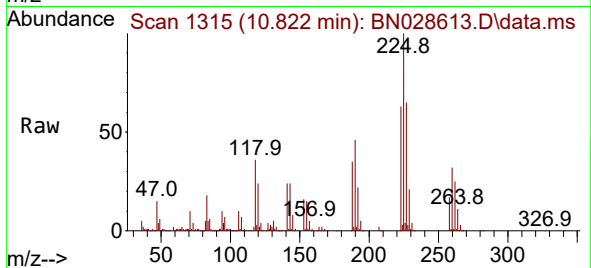
Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :



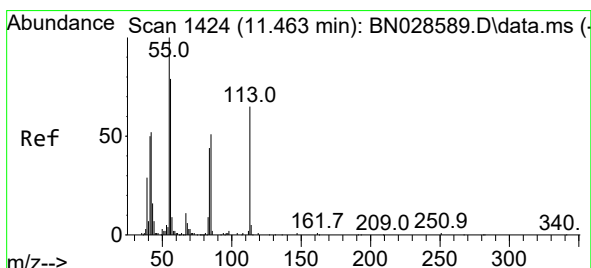
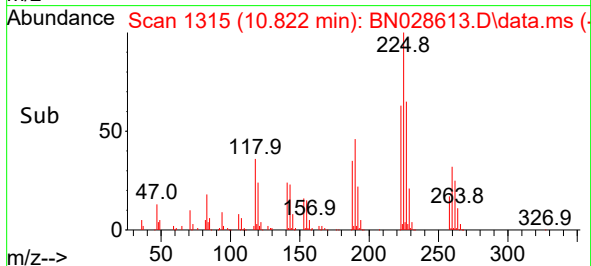
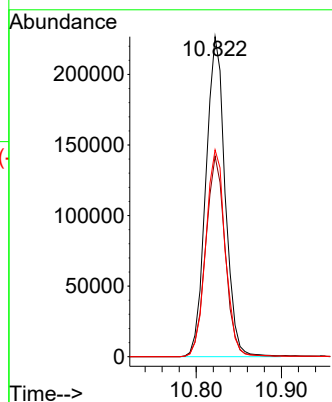
Tgt Ion:225 Resp: 355876

Ion Ratio Lower Upper

225 100

223 62.6 48.9 73.3

227 64.6 50.7 76.1



#34

Caprolactam

Concen: 20.332 ng/ul

RT: 11.434 min Scan# 1419

Delta R.T. -0.029 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

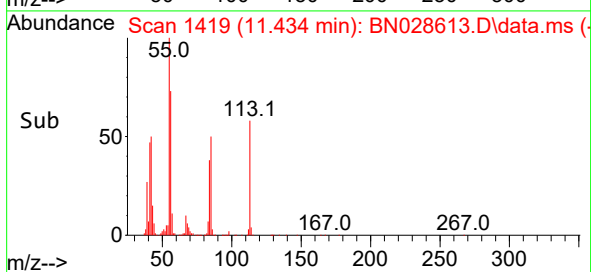
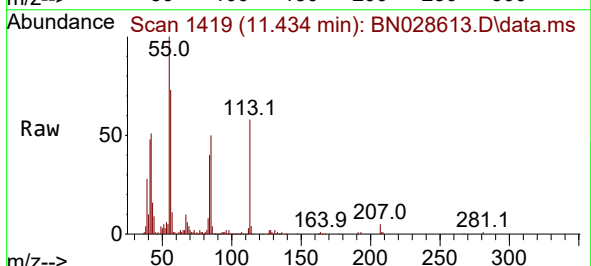
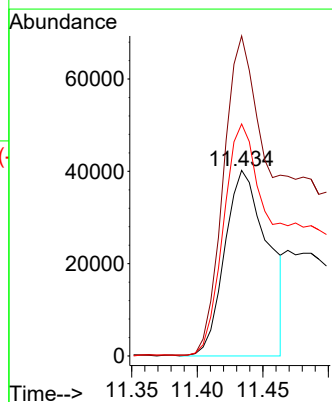
Tgt Ion:113 Resp: 92173

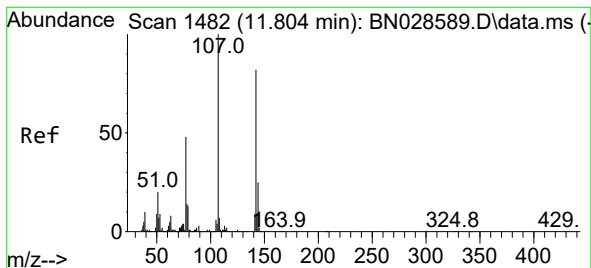
Ion Ratio Lower Upper

113 100

55 172.5 124.0 186.0

56 125.1 98.1 147.1

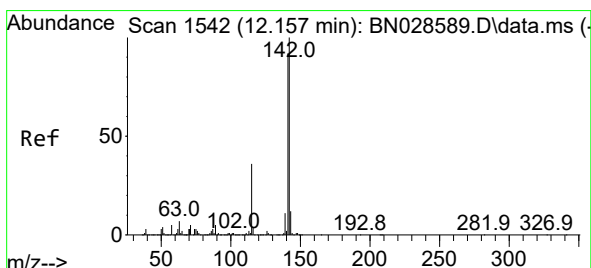
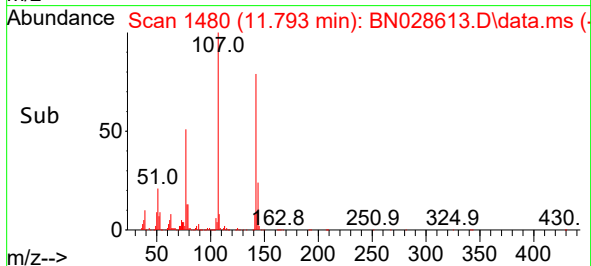
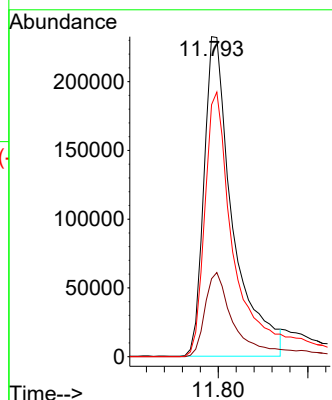
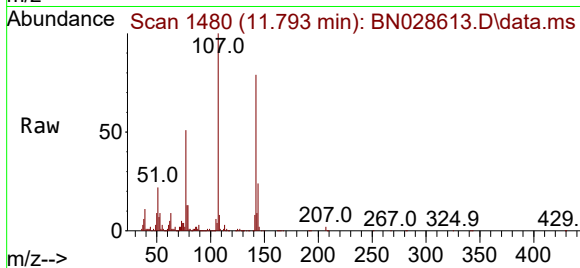




#35
4-Chloro-3-methylphenol
Concen: 35.443 ng/ul
RT: 11.793 min Scan# 1480
Delta R.T. -0.011 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

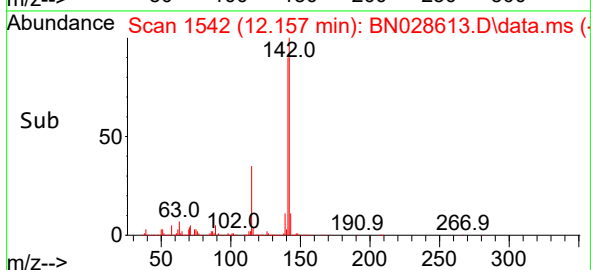
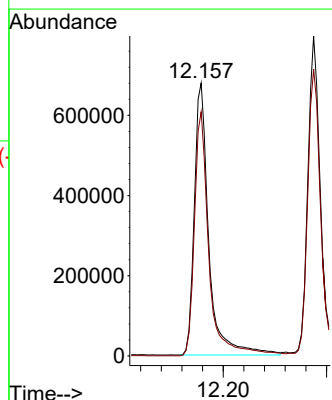
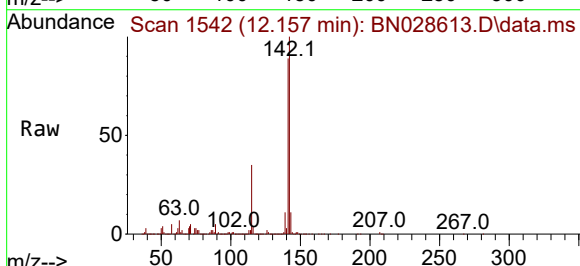
Instrument :
BNA_N
ClientSampleId :

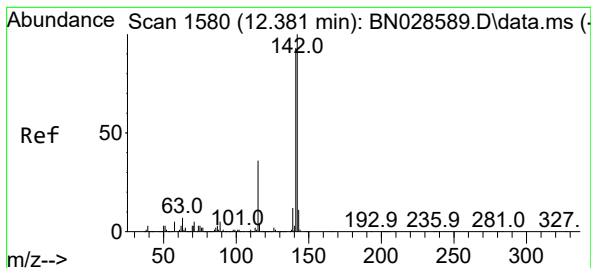
Tgt Ion:107 Resp: 517866
Ion Ratio Lower Upper
107 100
144 24.3 20.3 30.5
142 78.8 65.7 98.5



#36
2-Methylnaphthalene
Concen: 36.966 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:142 Resp: 1327738
Ion Ratio Lower Upper
142 100
141 89.5 73.6 110.4





#37

1-Methylnaphthalene

Concen: 36.409 ng/ul

RT: 12.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

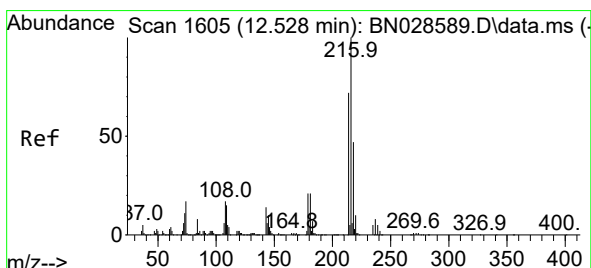
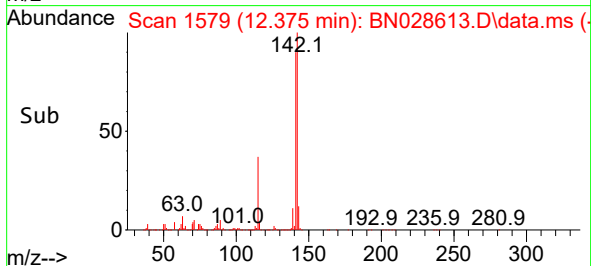
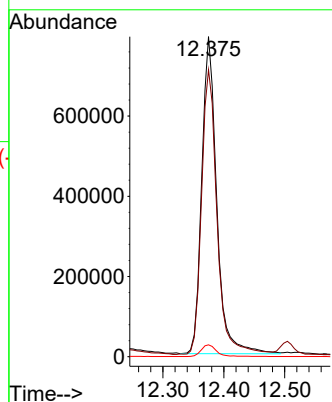
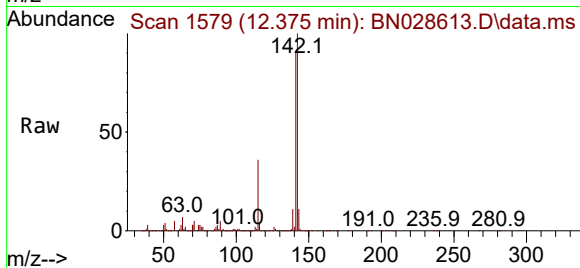
Tgt Ion:142 Resp: 1351032

Ion Ratio Lower Upper

142 100

141 89.7 74.6 112.0

116 3.7 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.368 ng/ul

RT: 12.528 min Scan# 1605

Delta R.T. -0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Tgt Ion:216 Resp: 671640

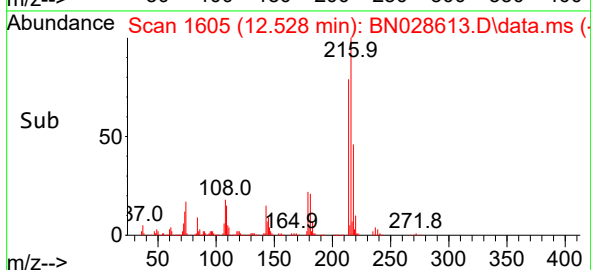
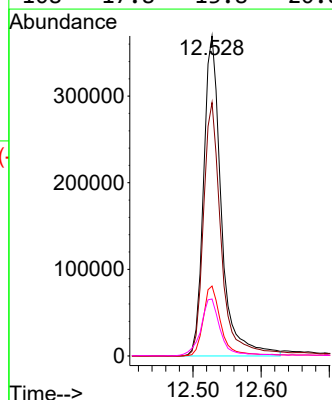
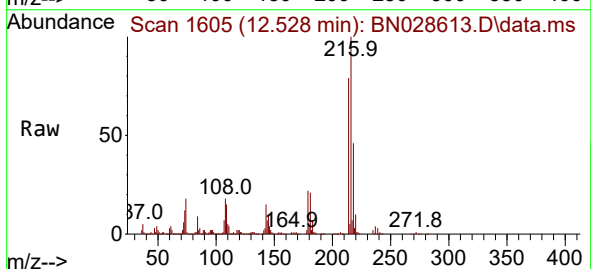
Ion Ratio Lower Upper

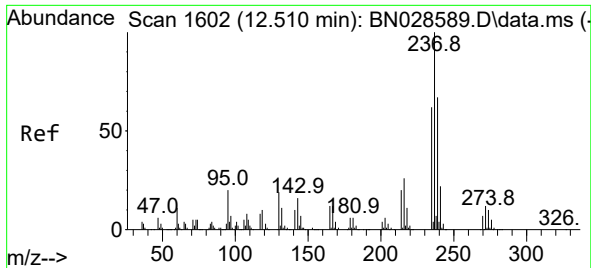
216 100

214 79.2 57.4 86.2

179 21.8 16.5 24.7

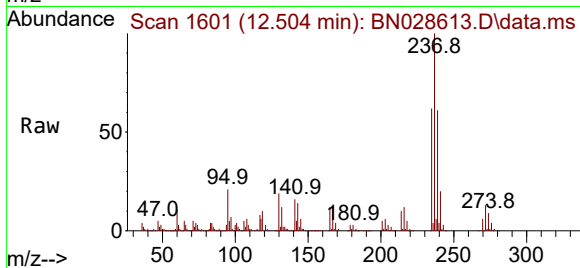
108 17.8 13.8 20.8



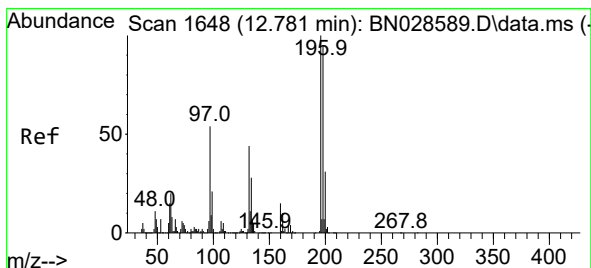
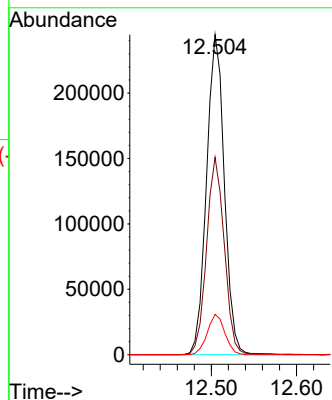
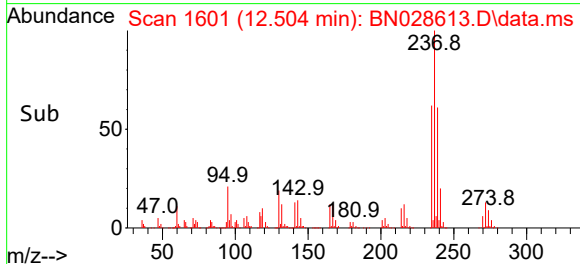


#40
Hexachlorocyclopentadiene
Concen: 36.202 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

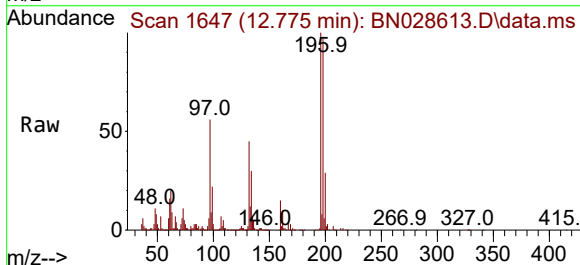
Instrument :
BNA_N
ClientSampleId :



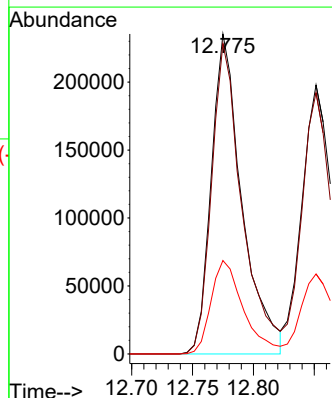
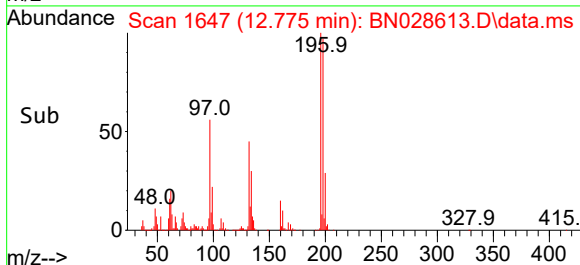
Tgt Ion:237 Resp: 356266
Ion Ratio Lower Upper
237 100
235 61.7 49.8 74.6
272 12.6 9.9 14.9

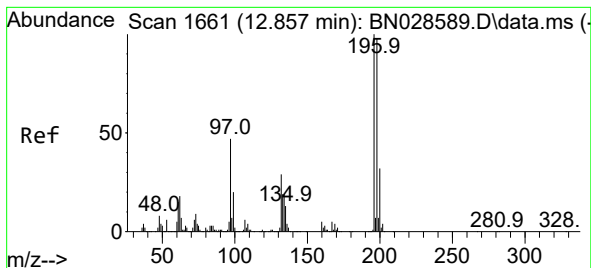


#41
2,4,6-Trichlorophenol
Concen: 35.977 ng/ul
RT: 12.775 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58



Tgt Ion:196 Resp: 412123
Ion Ratio Lower Upper
196 100
198 97.1 75.7 113.5
200 29.2 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 29.306 ng/ul

RT: 12.851 min Scan# 1

Delta R.T. -0.006 min

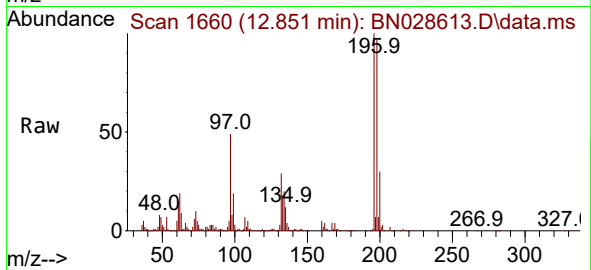
Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :



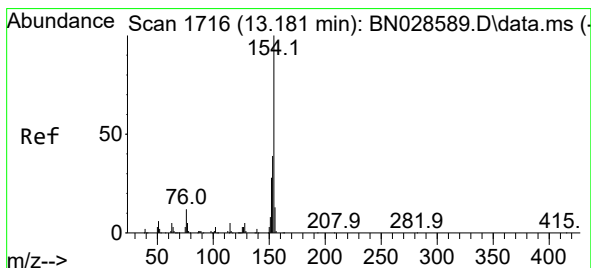
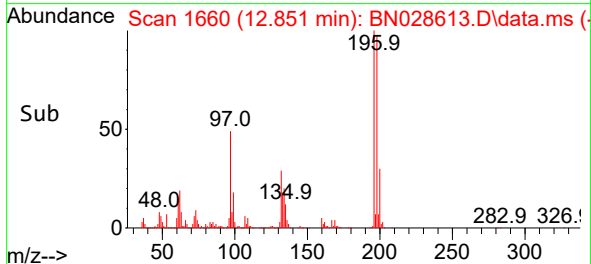
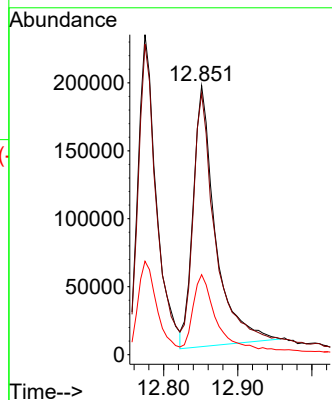
Tgt Ion:196 Resp: 401057

Ion Ratio Lower Upper

196 100

198 97.2 77.8 116.6

200 29.7 25.5 38.3



#43

1,1'-Biphenyl

Concen: 35.149 ng/ul

RT: 13.181 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

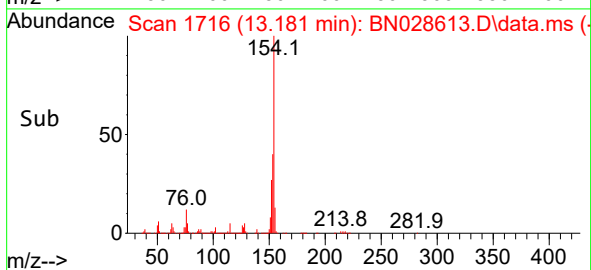
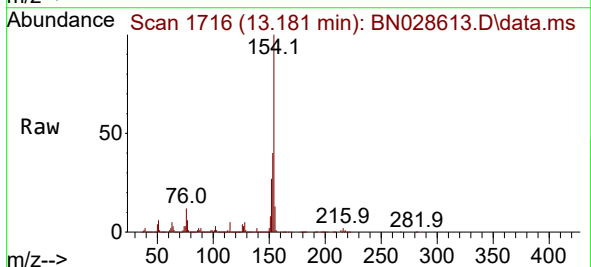
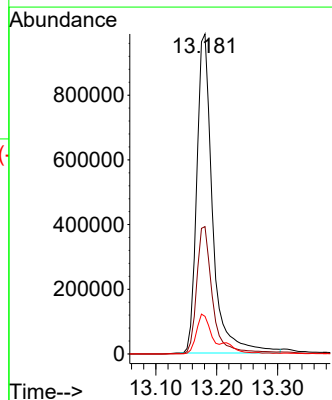
Tgt Ion:154 Resp: 1782067

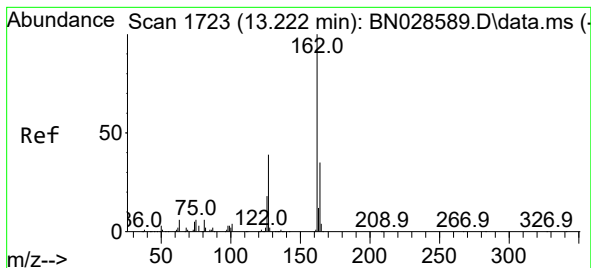
Ion Ratio Lower Upper

154 100

153 39.8 31.4 47.2

76 11.8 9.6 14.4





#44

2-Chloronaphthalene

Concen: 34.776 ng/ul

RT: 13.216 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

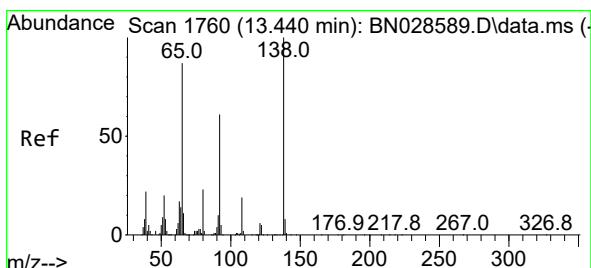
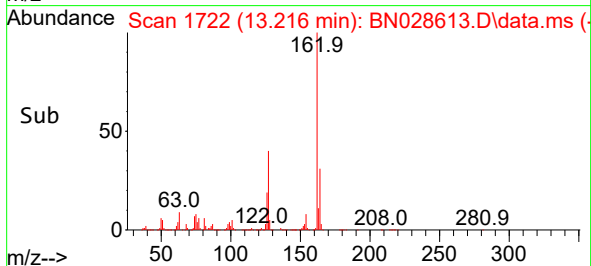
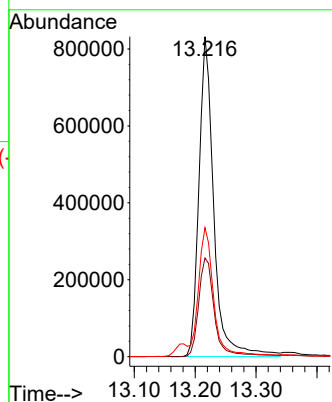
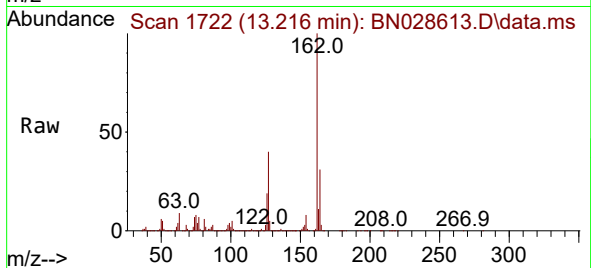
Tgt Ion:162 Resp: 1406648

Ion Ratio Lower Upper

162 100

164 30.9 28.0 42.0

127 40.3 32.9 49.3



#45

2-Nitroaniline

Concen: 34.128 ng/ul

RT: 13.440 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

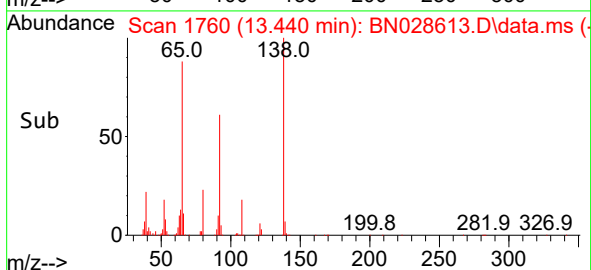
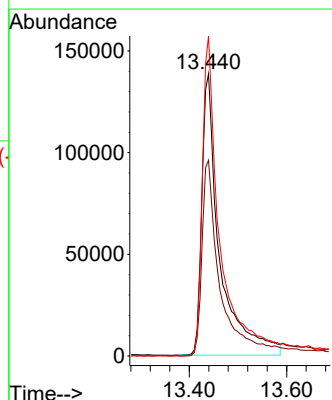
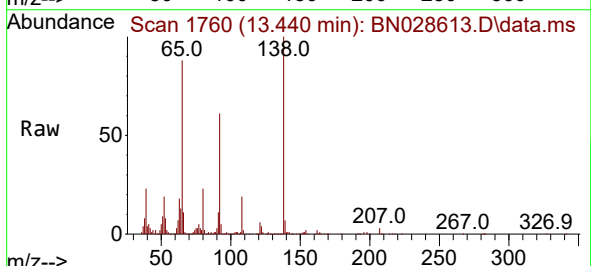
Tgt Ion: 65 Resp: 352604

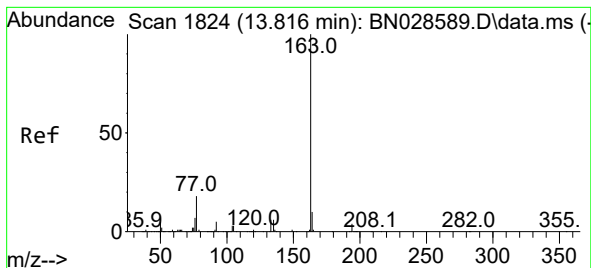
Ion Ratio Lower Upper

65 100

92 69.4 56.6 85.0

138 113.4 92.2 138.2





#47

Dimethylphthalate

Concen: 37.340 ng/ul

RT: 13.816 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

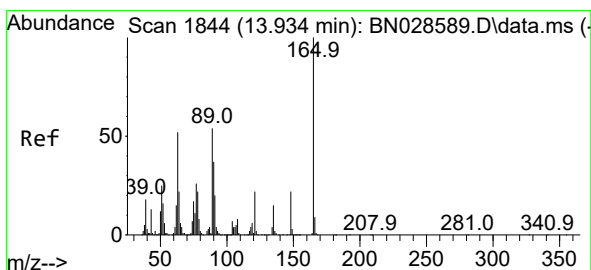
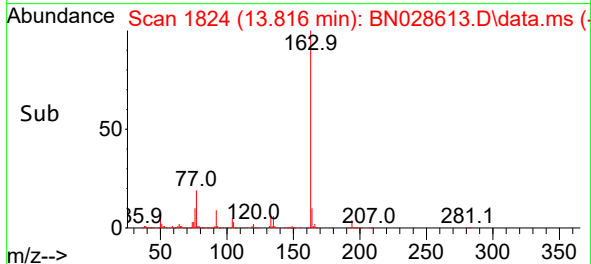
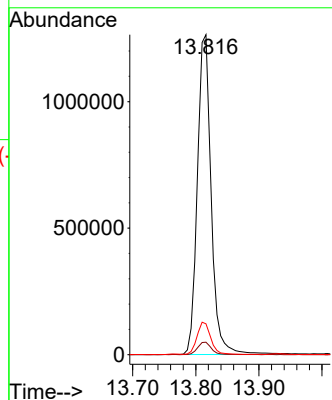
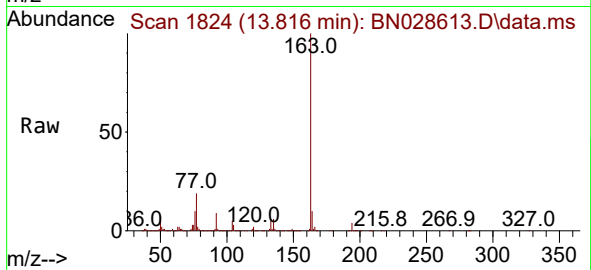
Tgt Ion:163 Resp: 1919928

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.7 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 36.689 ng/ul

RT: 13.928 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

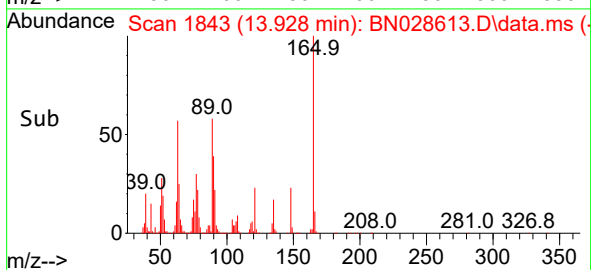
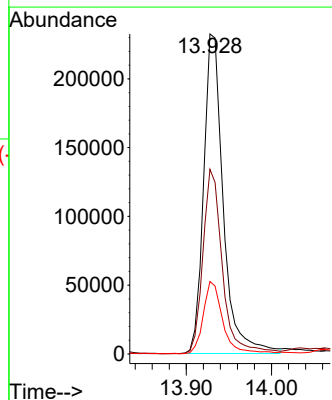
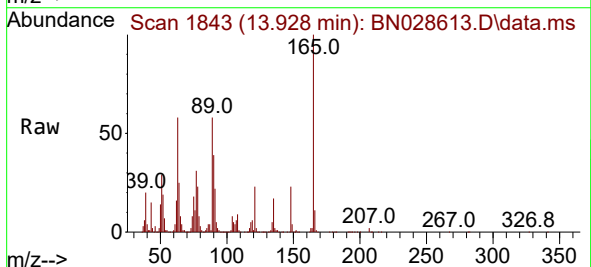
Tgt Ion:165 Resp: 372502

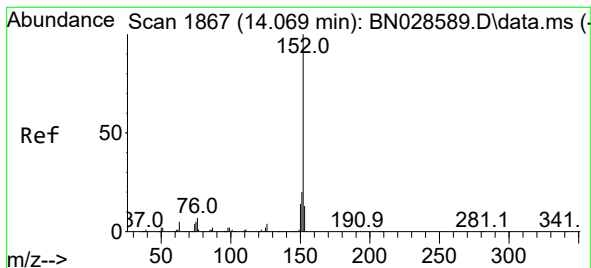
Ion Ratio Lower Upper

165 100

89 57.7 43.6 65.4

121 22.6 17.7 26.5





#50

Acenaphthylene

Concen: 36.965 ng/ul

RT: 14.063 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

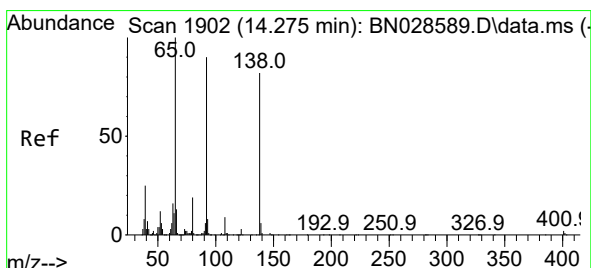
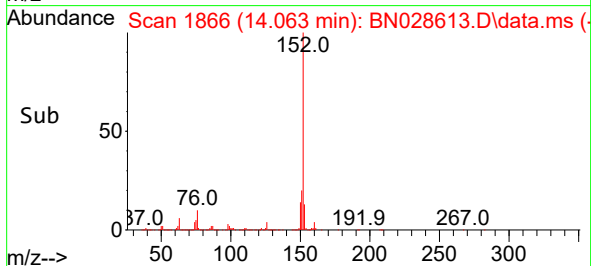
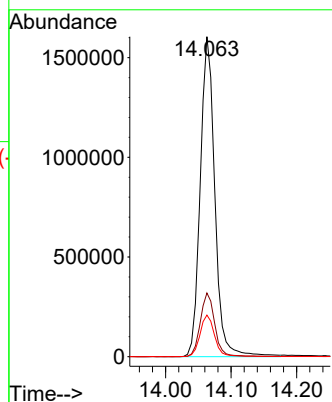
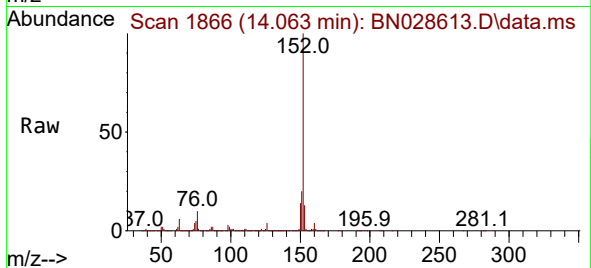
Tgt Ion:152 Resp: 2489160

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.0 10.4 15.6



#51

3-Nitroaniline

Concen: 22.997 ng/ul

RT: 14.275 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

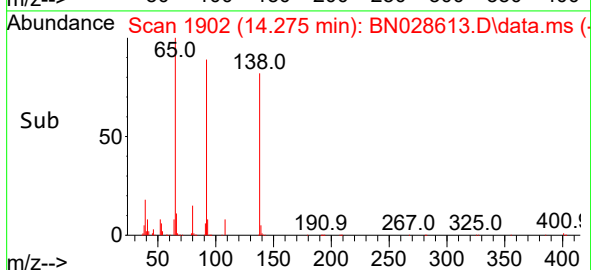
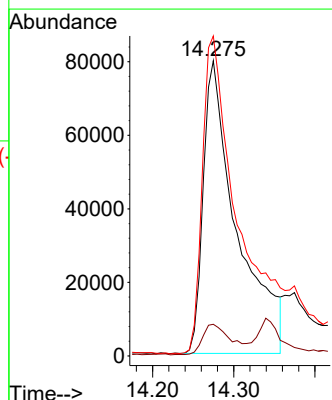
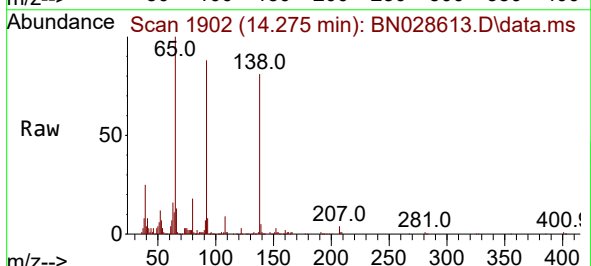
Tgt Ion:138 Resp: 228887

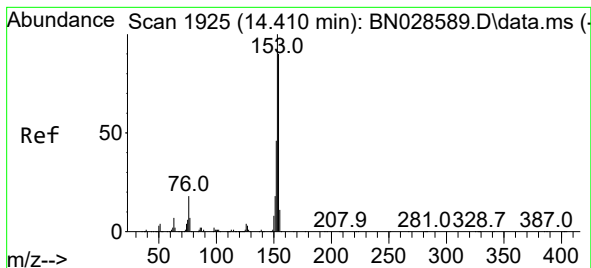
Ion Ratio Lower Upper

138 100

108 10.8 8.9 13.3

92 108.4 88.1 132.1





#52

Acenaphthene

Concen: 36.820 ng/ul

RT: 14.404 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

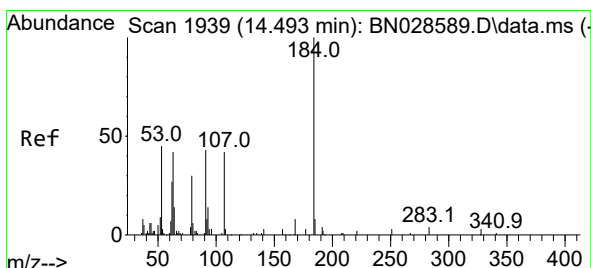
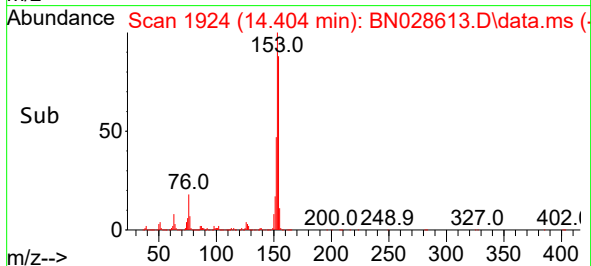
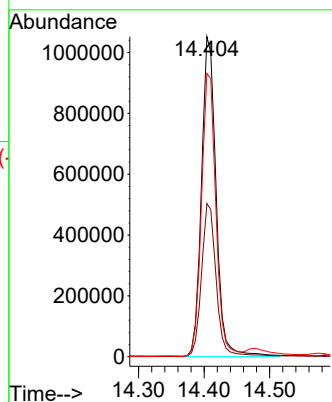
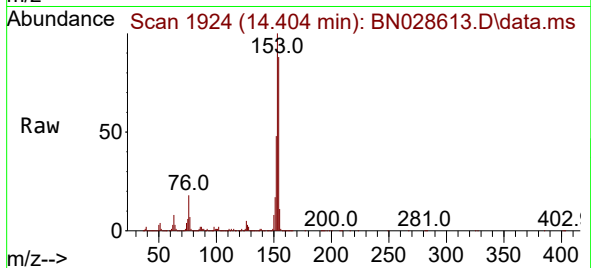
Tgt Ion:153 Resp: 1631663

Ion Ratio Lower Upper

153 100

152 47.8 37.3 55.9

154 88.5 72.2 108.4



#53

2,4-Dinitrophenol

Concen: 33.144 ng/ul

RT: 14.475 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

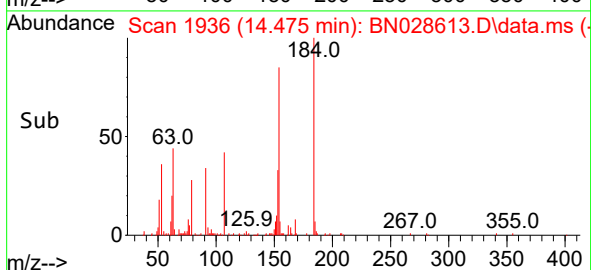
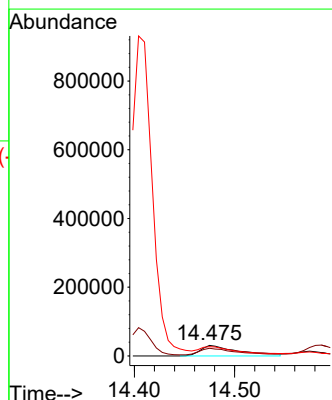
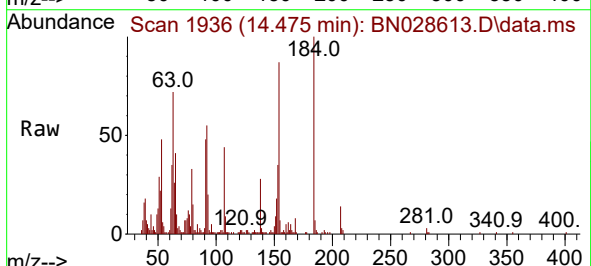
Tgt Ion:184 Resp: 82453

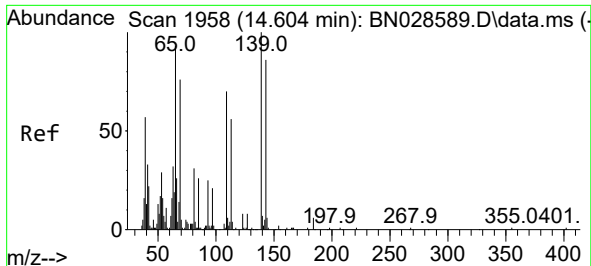
Ion Ratio Lower Upper

184 100

63 72.2 62.5 93.7

154 86.5 90.4 135.6#

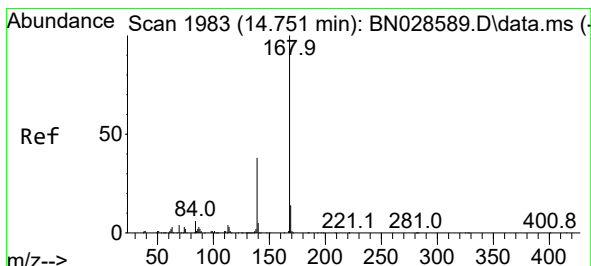
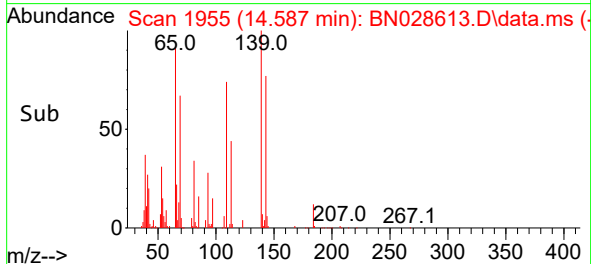
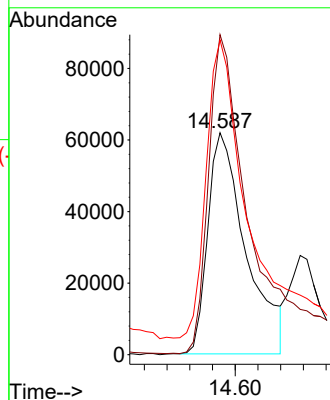
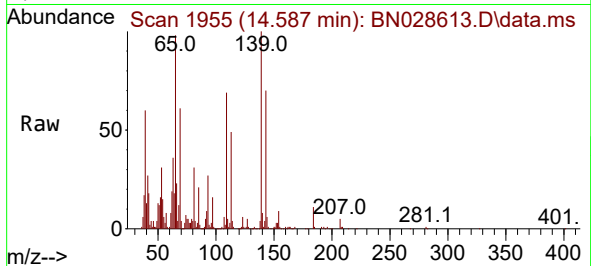




#55
4-Nitrophenol
Concen: 40.019 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.017 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

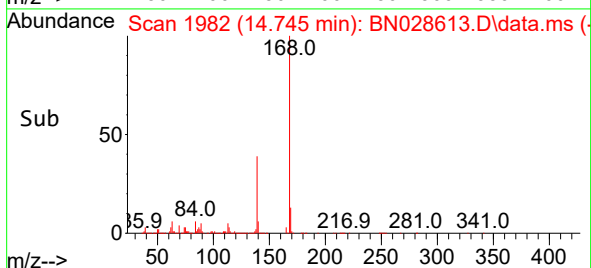
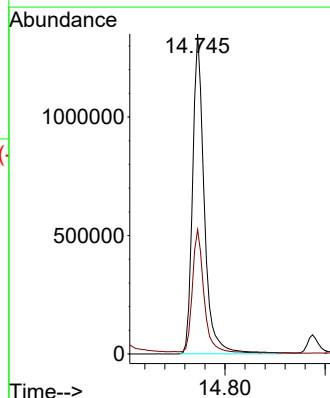
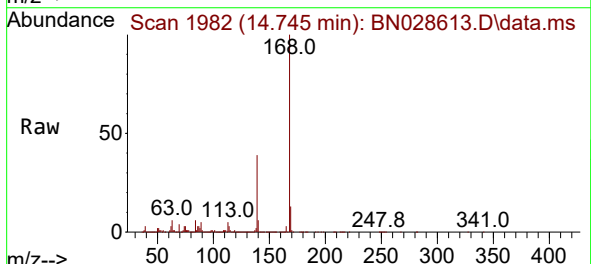
Instrument :
BNA_N
ClientSampleId :

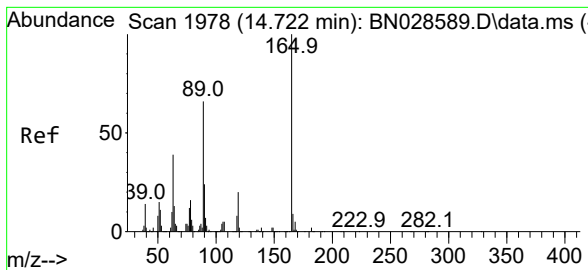
Tgt Ion:109 Resp: 143864
Ion Ratio Lower Upper
109 100
139 144.1 114.3 171.5
65 141.8 112.7 169.1



#56
Dibenzofuran
Concen: 36.788 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:168 Resp: 2175177
Ion Ratio Lower Upper
168 100
139 38.8 31.4 47.2

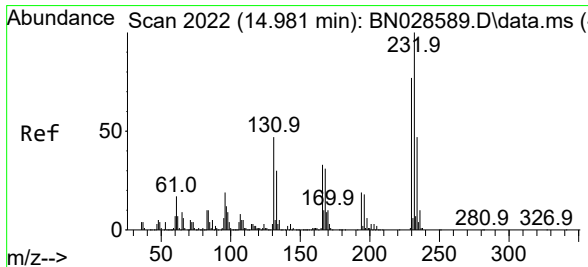
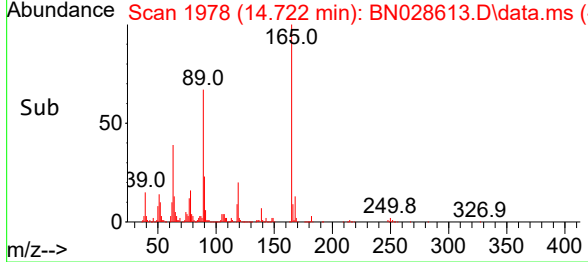
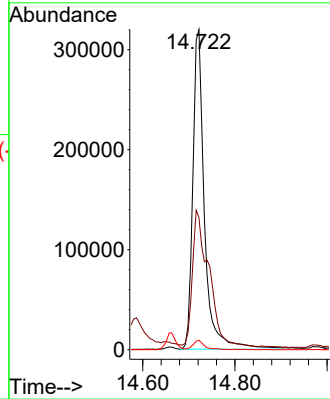
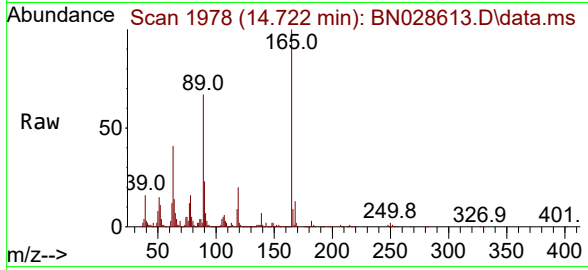




#57
2,4-Dinitrotoluene
Concen: 39.978 ng/ul
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

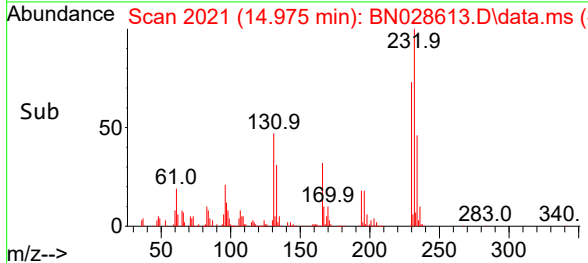
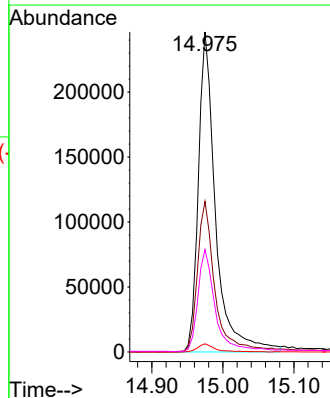
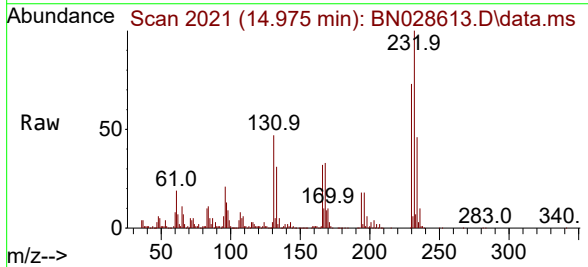
Instrument :
BNA_N
ClientSampleId :

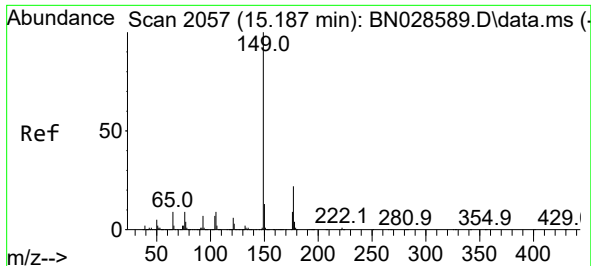
Tgt Ion:165 Resp: 557967
Ion Ratio Lower Upper
165 100
63 41.3 32.5 48.7
182 3.0 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.759 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

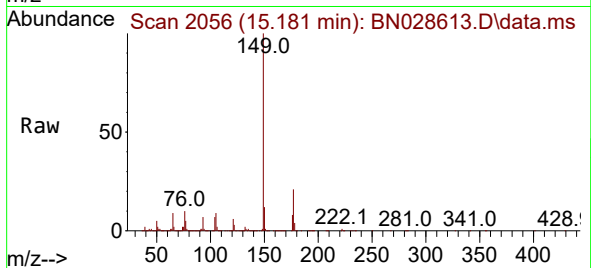
Tgt Ion:232 Resp: 415965
Ion Ratio Lower Upper
232 100
131 47.1 37.7 56.5
130 2.6 2.1 3.1
166 32.0 26.3 39.5



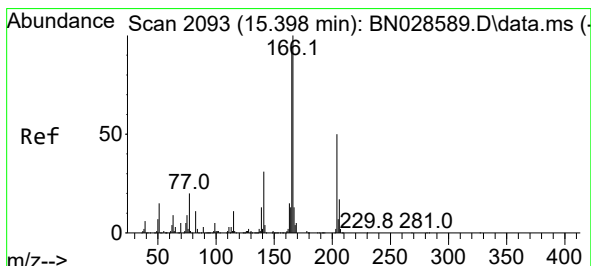
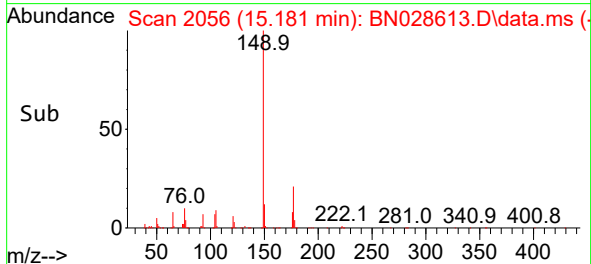
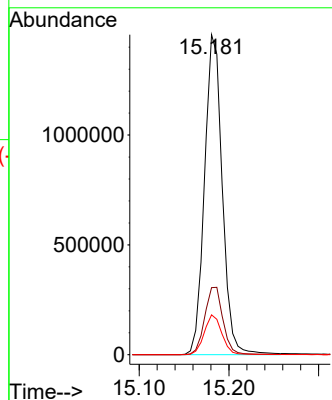


#59
Diethylphthalate
Concen: 38.124 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Instrument :
BNA_N
ClientSampleId :

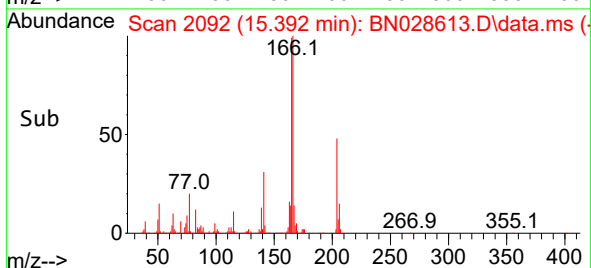
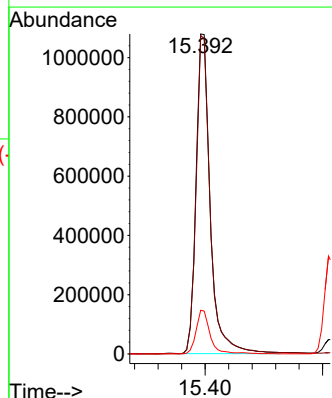
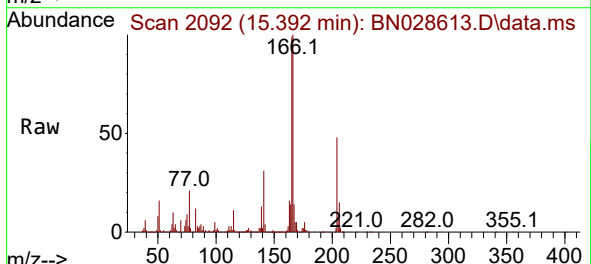


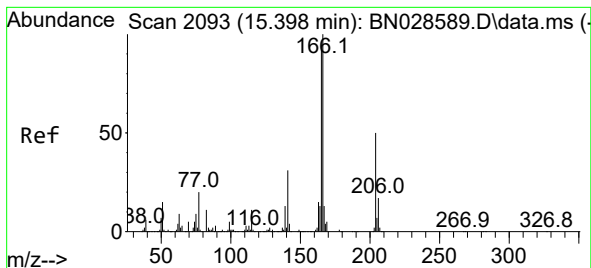
Tgt Ion:149 Resp: 2004416
Ion Ratio Lower Upper
149 100
177 21.0 17.8 26.6
150 12.5 10.4 15.6



#61
Fluorene
Concen: 36.672 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:166 Resp: 1807329
Ion Ratio Lower Upper
166 100
165 99.5 75.3 112.9
167 13.7 10.2 15.2

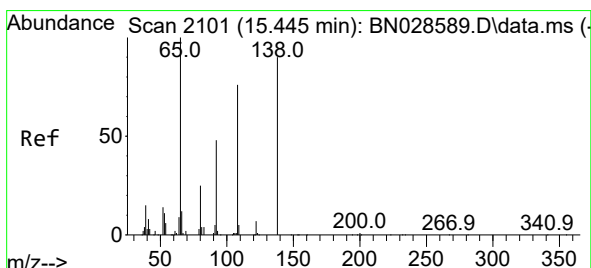
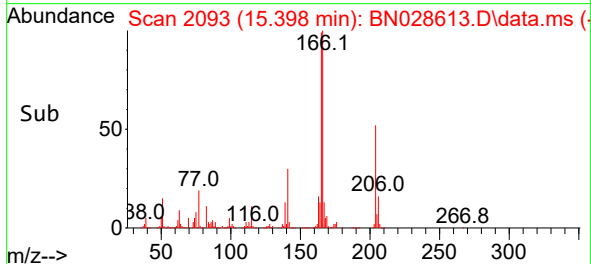
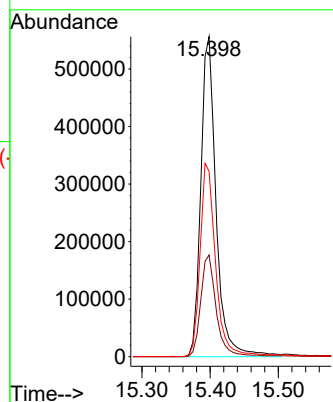
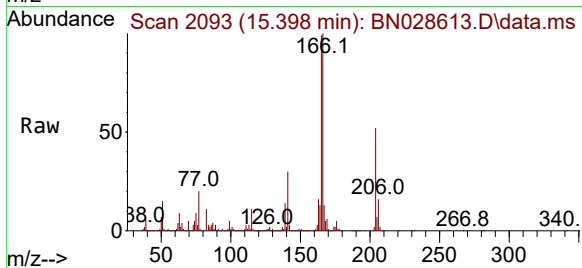




#62
4-Chlorophenyl-phenylether
Concen: 36.405 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

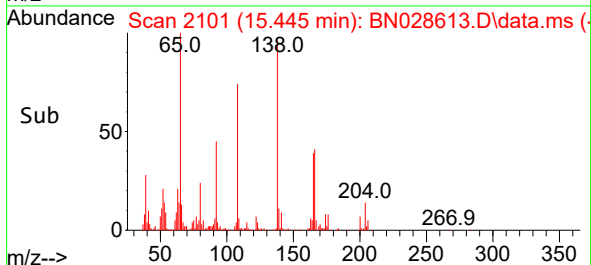
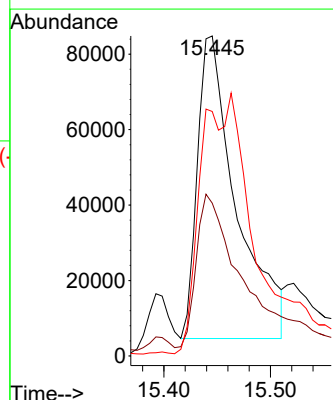
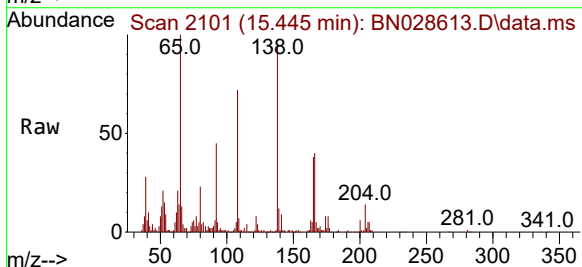
Instrument :
BNA_N
ClientSampleId :

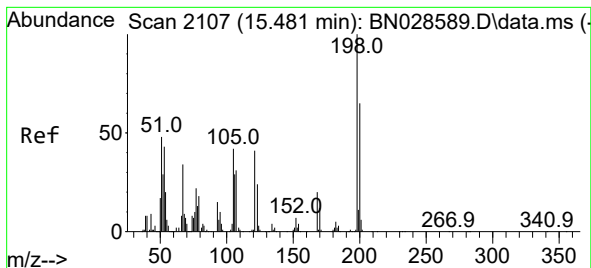
Tgt Ion:204 Resp: 868259
Ion Ratio Lower Upper
204 100
206 31.8 27.0 40.4
141 58.0 50.0 75.0



#63
4-Nitroaniline
Concen: 21.370 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:138 Resp: 203652
Ion Ratio Lower Upper
138 100
92 47.8 42.0 63.0
108 76.4 65.2 97.8

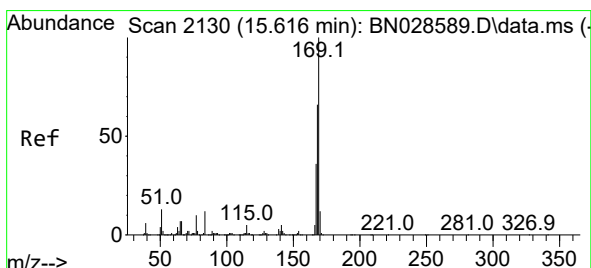
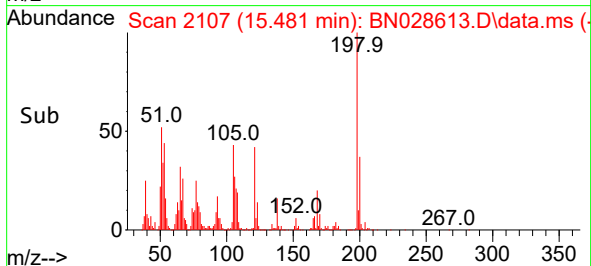
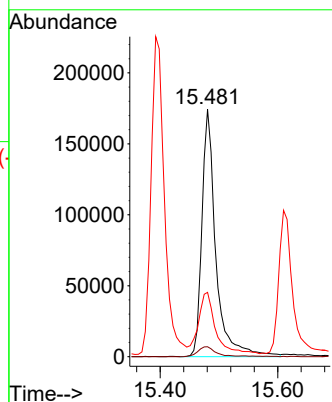
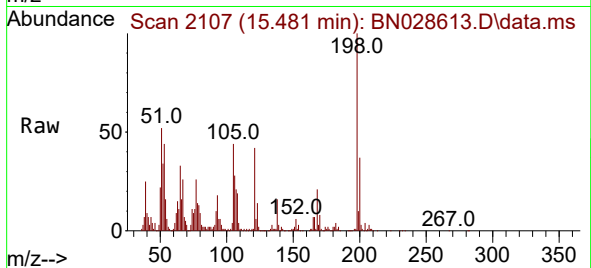




#66
 4,6-Dinitro-2-methylphenol
 Concen: 41.204 ng/ul
 RT: 15.481 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN028613.D
 Acq: 14 Nov 2023 21:58

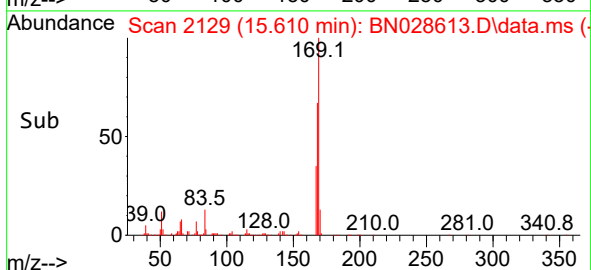
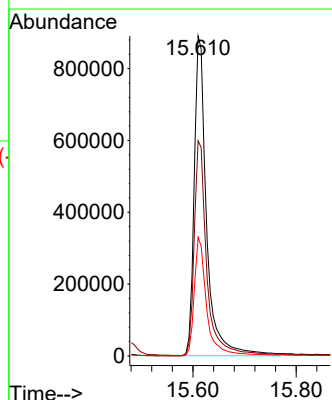
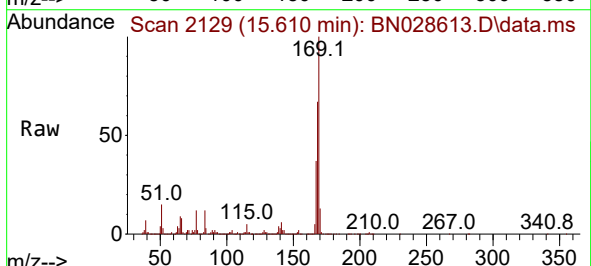
Instrument :
 BNA_N
 ClientSampleId :

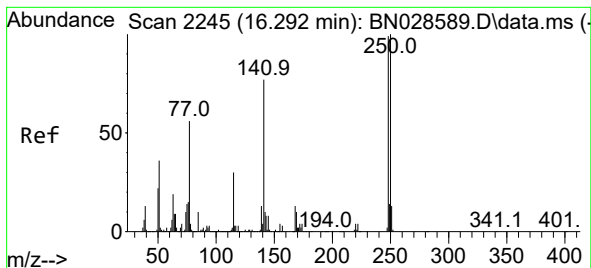
Tgt Ion:198 Resp: 287449
 Ion Ratio Lower Upper
 198 100
 182 4.0 4.3 6.5#
 77 26.0 23.4 35.2



#67
 N-Nitrosodiphenylamine
 Concen: 36.075 ng/ul
 RT: 15.610 min Scan# 2129
 Delta R.T. -0.006 min
 Lab File: BN028613.D
 Acq: 14 Nov 2023 21:58

Tgt Ion:169 Resp: 1494952
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.1 79.7
 167 37.1 28.6 42.8

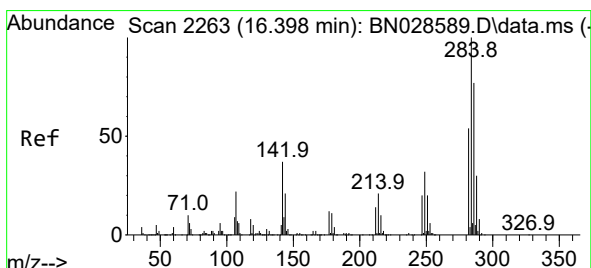
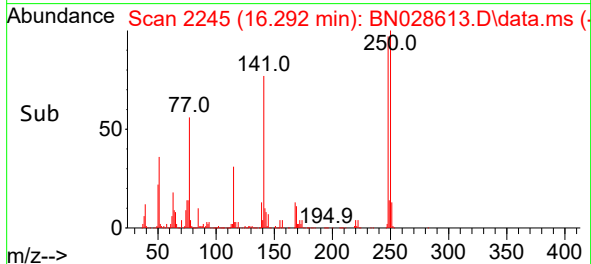
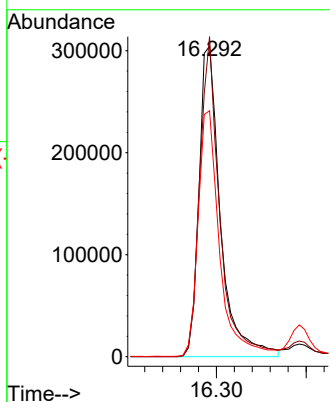
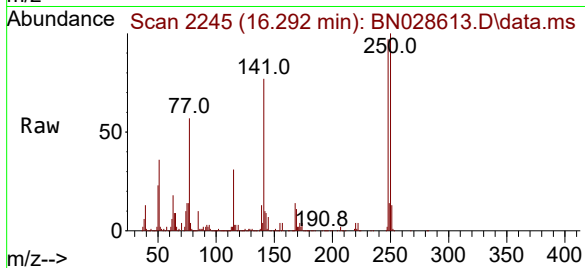




#68
4-Bromophenyl-phenylether
Concen: 35.205 ng/ul
RT: 16.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

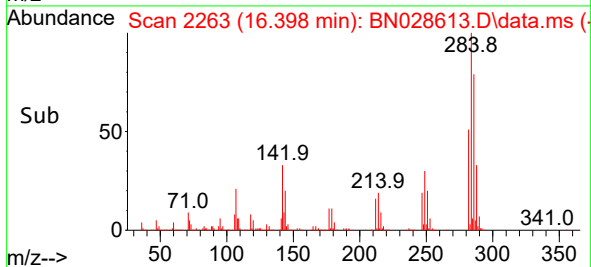
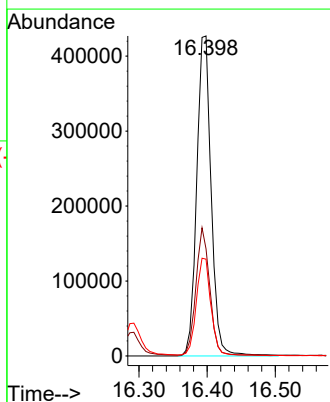
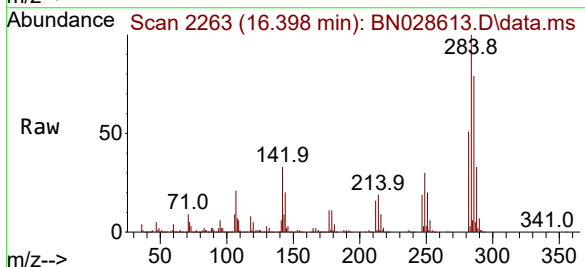
Instrument :
BNA_N
ClientSampleId :

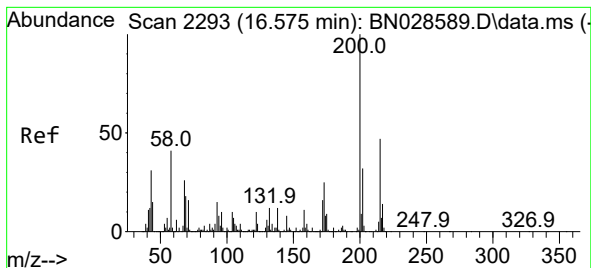
Tgt Ion:248 Resp: 505547
Ion Ratio Lower Upper
248 100
250 103.0 80.7 121.1
141 79.2 62.2 93.4



#69
Hexachlorobenzene
Concen: 37.302 ng/ul
RT: 16.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:284 Resp: 629068
Ion Ratio Lower Upper
284 100
142 33.5 29.7 44.5
249 30.3 25.6 38.4





#70

Atrazine

Concen: 28.642 ng/ul

RT: 16.569 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

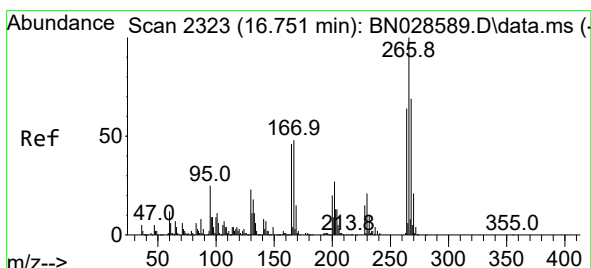
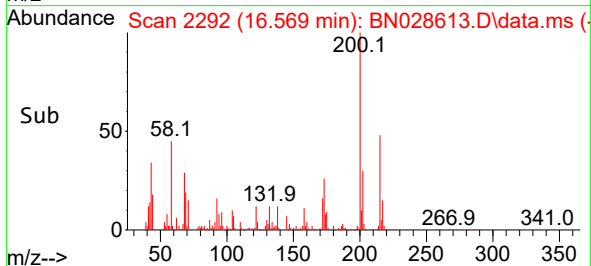
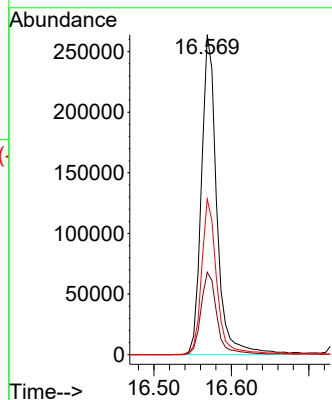
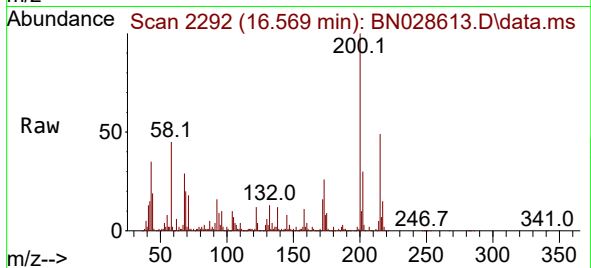
Tgt Ion:200 Resp: 363524

Ion Ratio Lower Upper

200 100

173 25.8 20.0 30.0

215 48.6 37.6 56.4



#71

Pentachlorophenol

Concen: 38.821 ng/ul

RT: 16.745 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

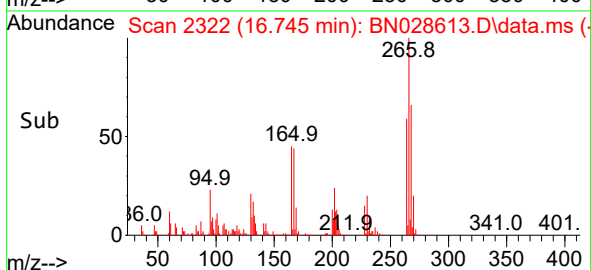
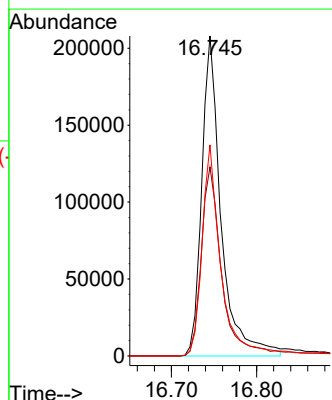
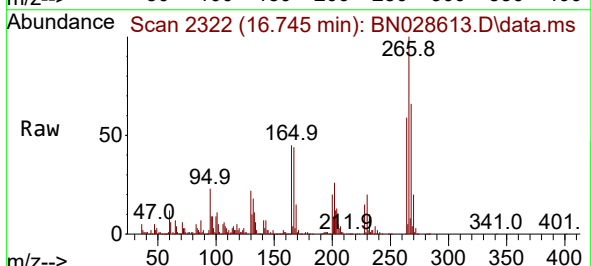
Tgt Ion:266 Resp: 328373

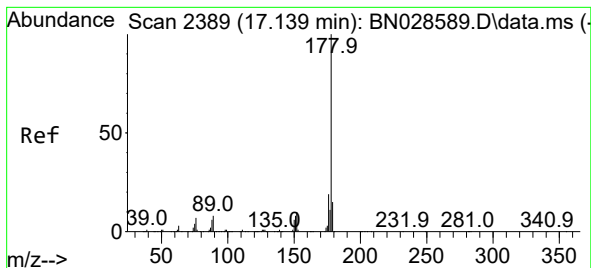
Ion Ratio Lower Upper

266 100

264 59.1 50.9 76.3

268 65.9 55.3 82.9





#72

Phenanthrene

Concen: 37.437 ng/ul

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

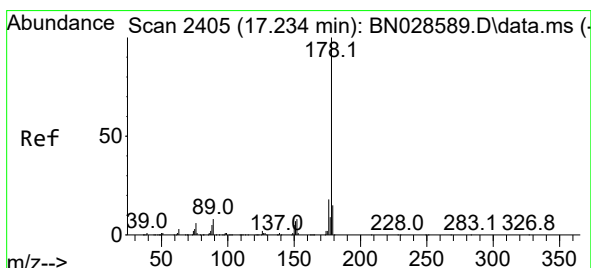
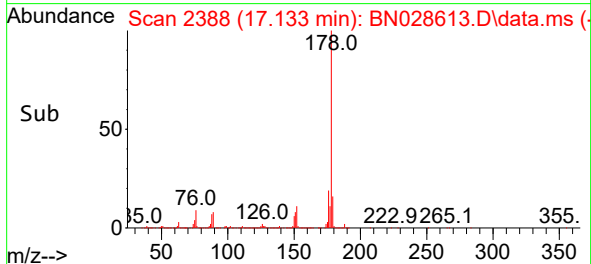
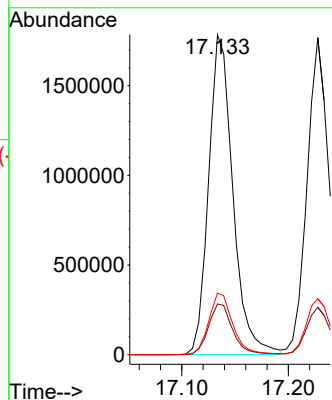
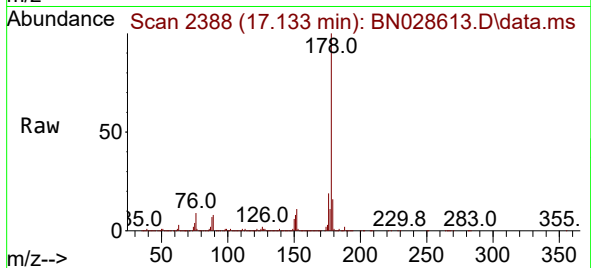
Tgt Ion:178 Resp: 2820117

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

176 19.2 15.4 23.2



#74

Anthracene

Concen: 34.701 ng/ul

RT: 17.228 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

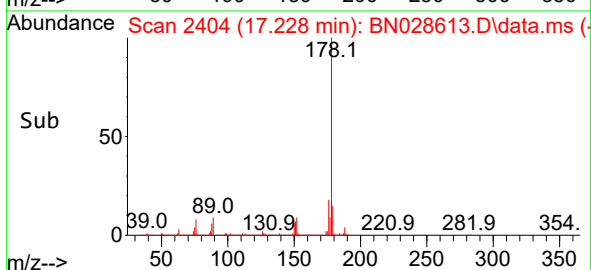
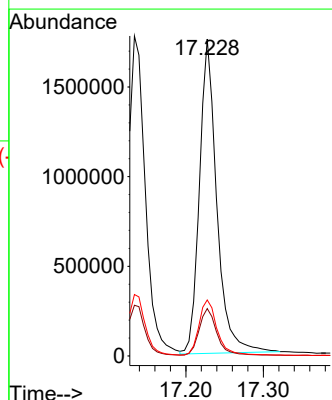
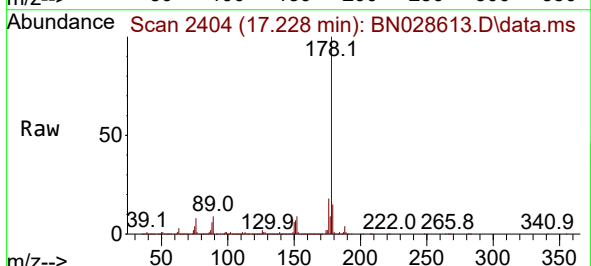
Tgt Ion:178 Resp: 2730170

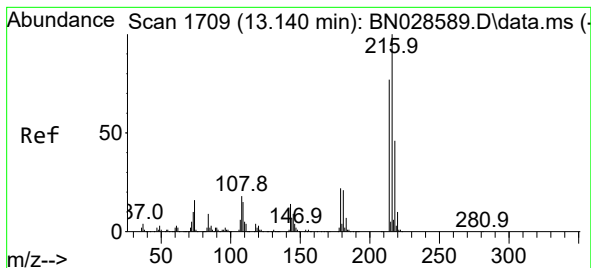
Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

176 17.7 14.3 21.5





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.295 ng/uL

RT: 13.140 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

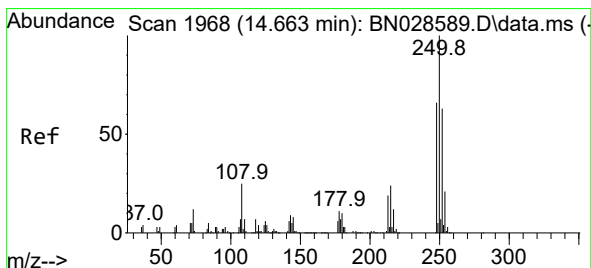
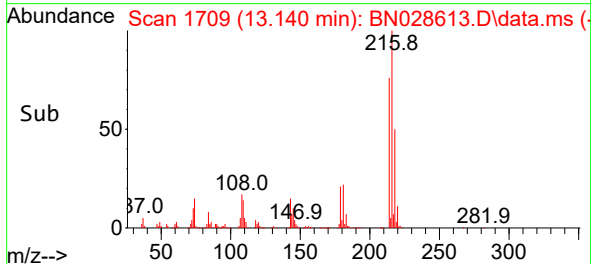
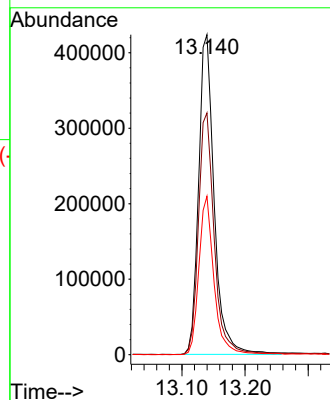
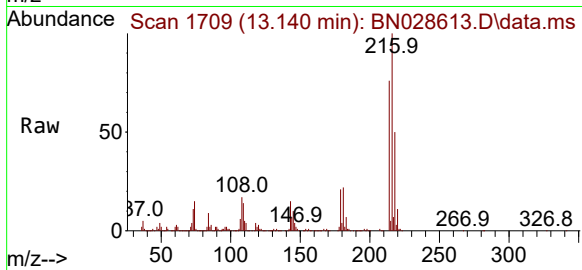
Tgt Ion:216 Resp: 725938

Ion Ratio Lower Upper

216 100

214 75.5 61.4 92.2

218 49.5 37.0 55.6



#76

Pentachlorobenzene

Concen: 35.715 ng/uL

RT: 14.663 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

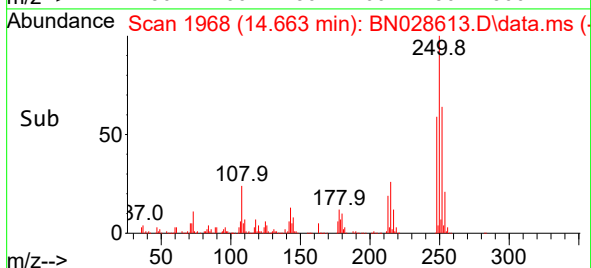
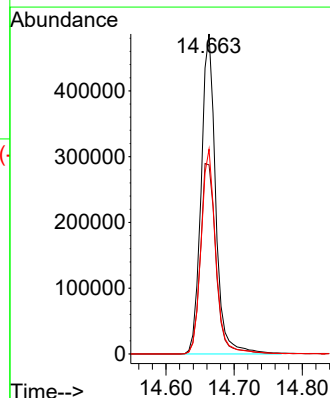
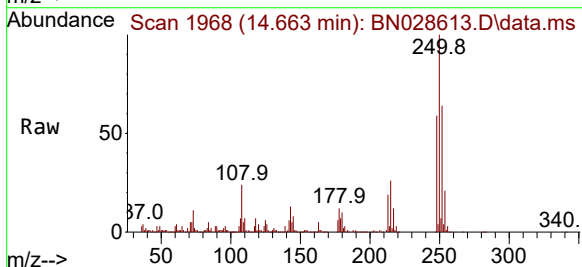
Tgt Ion:250 Resp: 719839

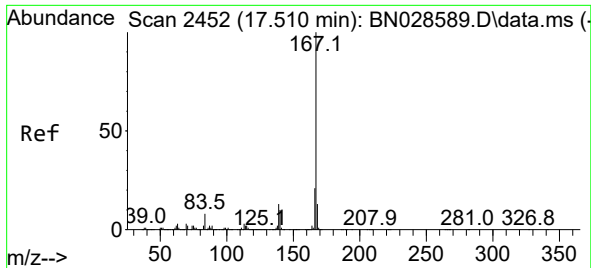
Ion Ratio Lower Upper

250 100

248 59.1 53.0 79.4

252 64.0 50.4 75.6

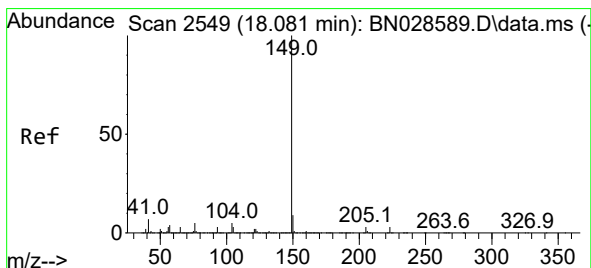
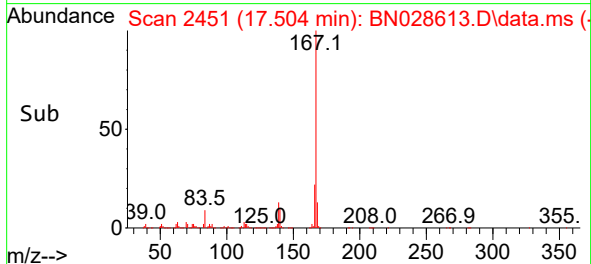
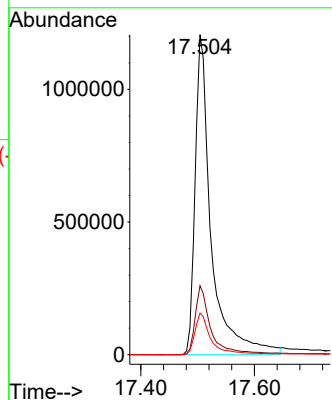
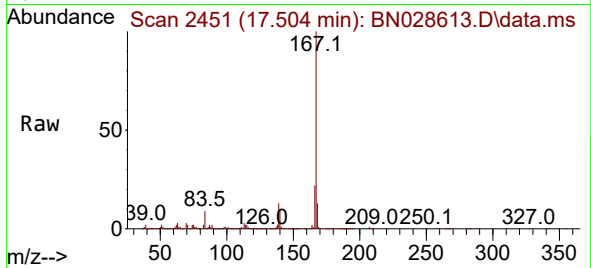




#77
 Carbazole
 Concen: 36.858 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BN028613.D
 Acq: 14 Nov 2023 21:58

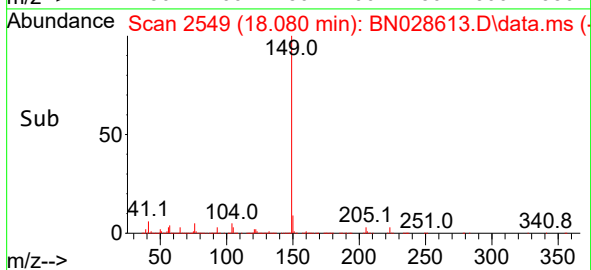
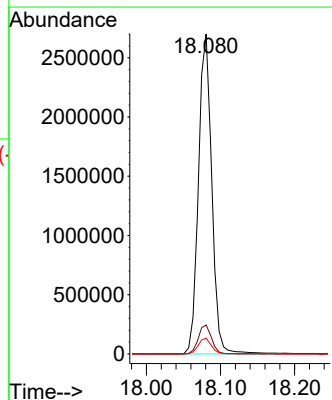
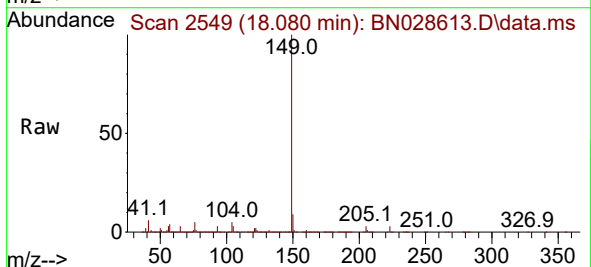
Instrument :
 BNA_N
 ClientSampleId :

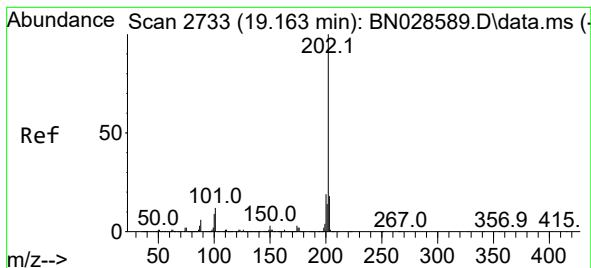
Tgt Ion:167 Resp: 2375518
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 13.0 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 39.045 ng/ul
 RT: 18.080 min Scan# 2549
 Delta R.T. -0.001 min
 Lab File: BN028613.D
 Acq: 14 Nov 2023 21:58

Tgt Ion:149 Resp: 3361891
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 37.374 ng/ul

RT: 19.163 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

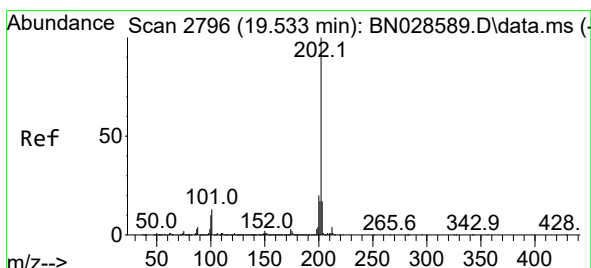
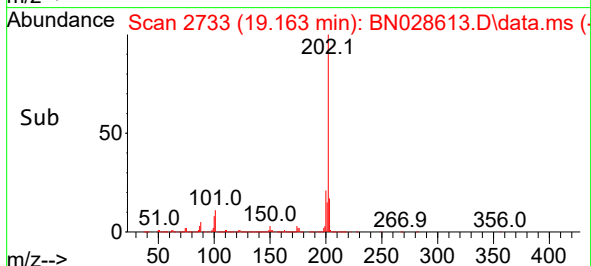
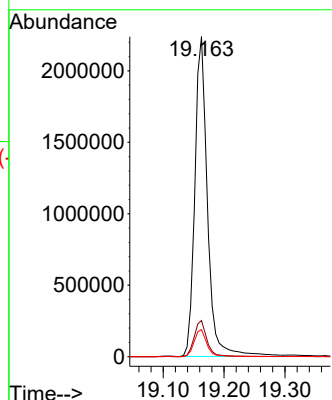
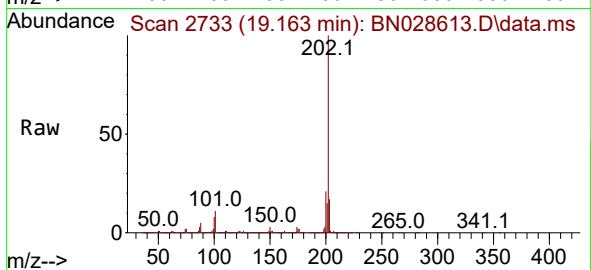
Tgt Ion:202 Resp: 3231992

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.0

100 8.5 7.1 10.7



#82

Pyrene

Concen: 37.391 ng/ul

RT: 19.527 min Scan# 2795

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

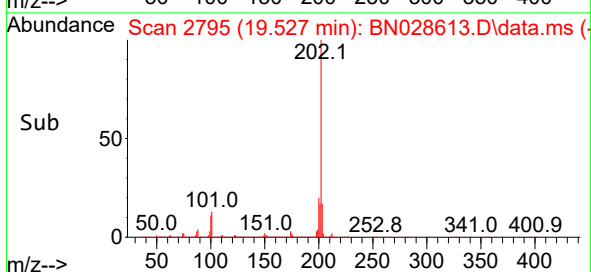
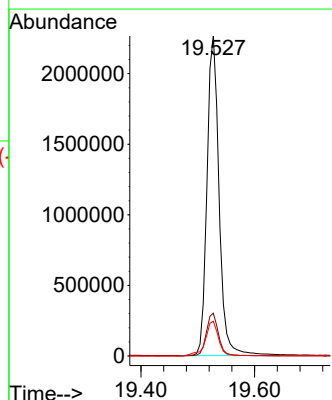
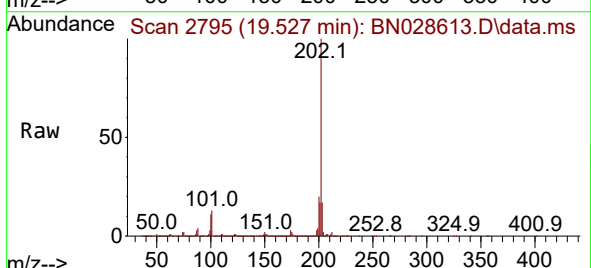
Tgt Ion:202 Resp: 3335057

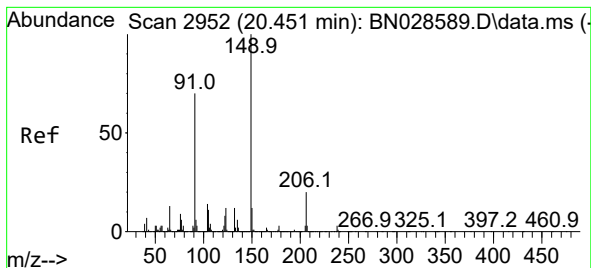
Ion Ratio Lower Upper

202 100

101 13.3 10.4 15.6

100 10.9 8.2 12.2





#83

Butylbenzylphthalate

Concen: 38.389 ng/ul

RT: 20.451 min Scan# 2952

Delta R.T. -0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

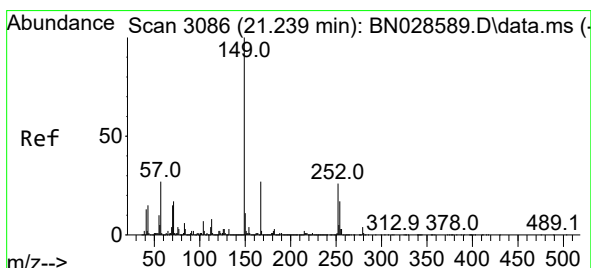
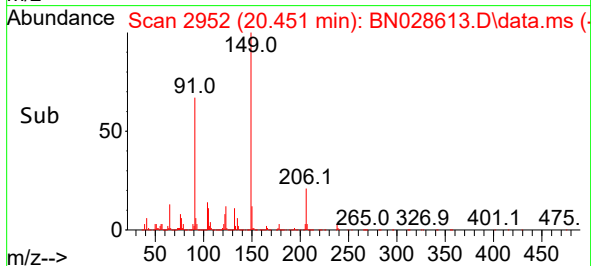
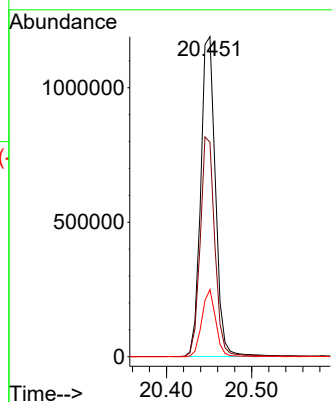
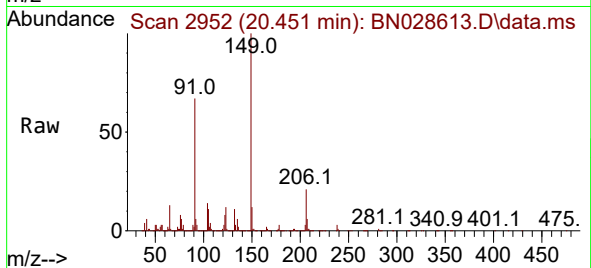
Tgt Ion:149 Resp: 1429816

Ion Ratio Lower Upper

149 100

91 67.0 55.9 83.9

206 20.9 15.9 23.9



#84

3,3'-Dichlorobenzidine

Concen: 32.960 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

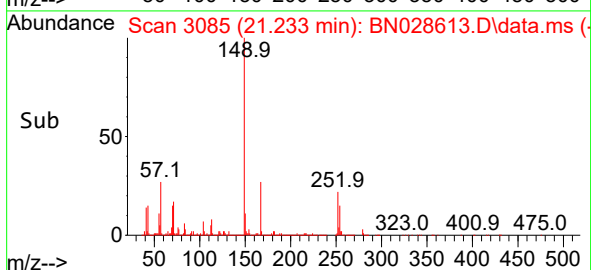
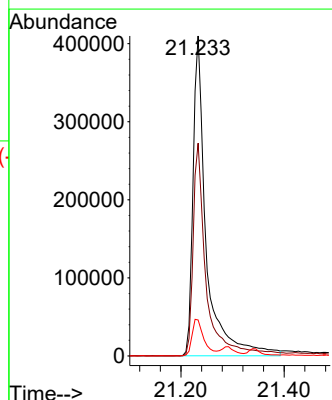
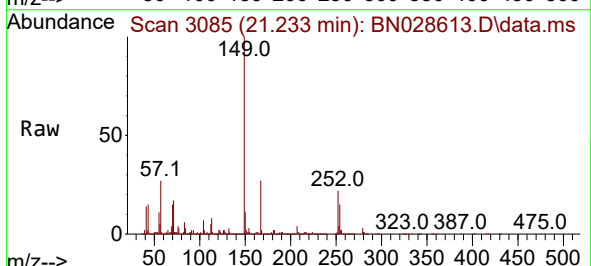
Tgt Ion:252 Resp: 731584

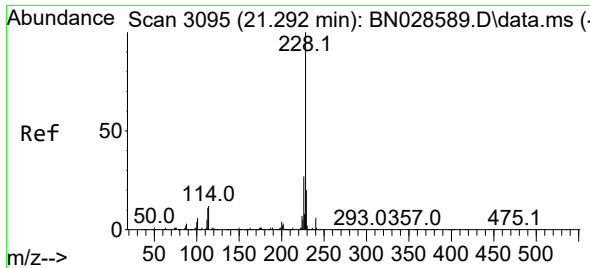
Ion Ratio Lower Upper

252 100

254 66.5 51.8 77.8

126 11.3 10.1 15.1

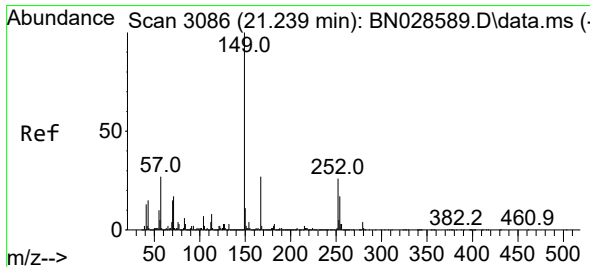
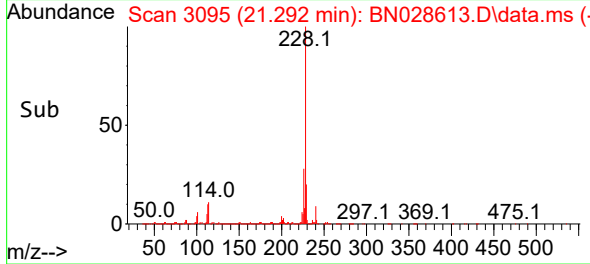
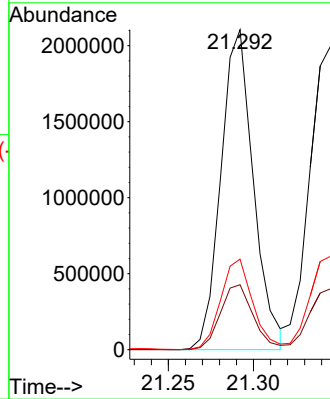
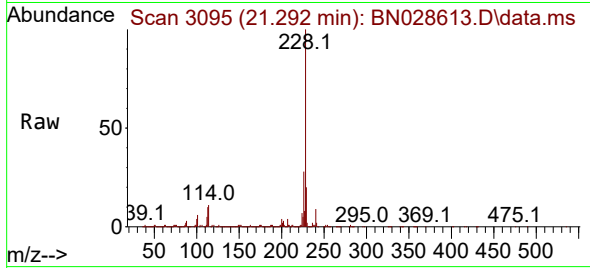




#85
Benzo(a)anthracene
Concen: 36.384 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

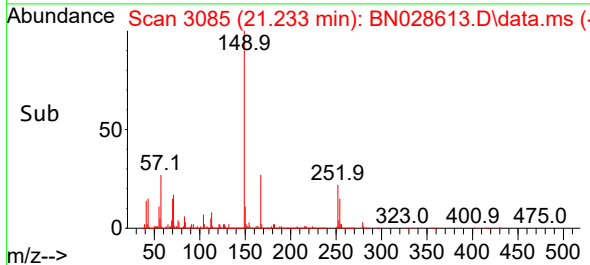
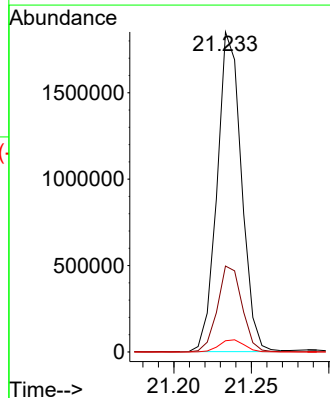
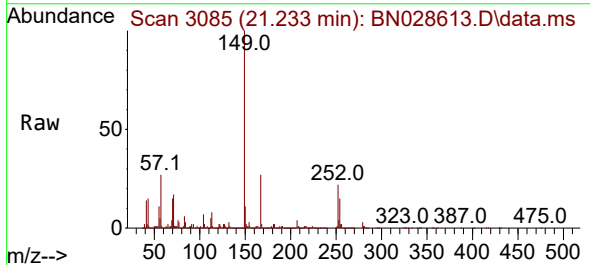
Instrument :
BNA_N
ClientSampleId :

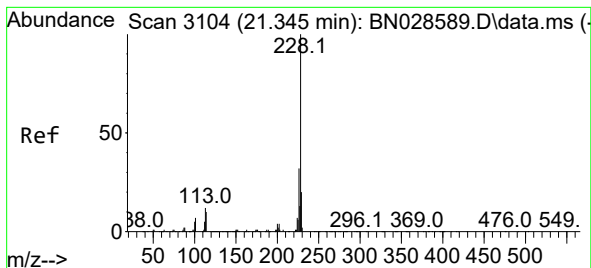
Tgt Ion:228 Resp: 2795181
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.3 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 38.590 ng/ul
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:149 Resp: 2020642
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 3.5 3.0 4.4





#87

Chrysene

Concen: 36.615 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

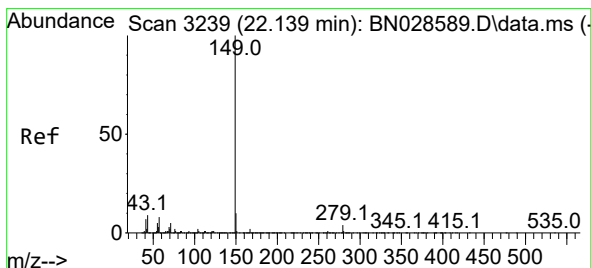
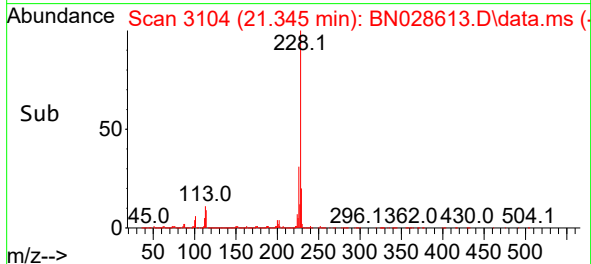
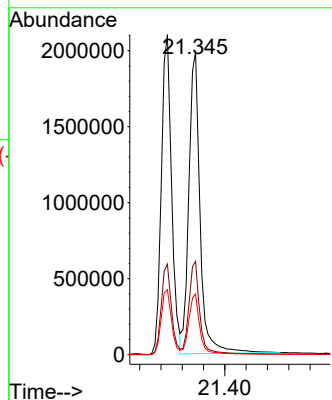
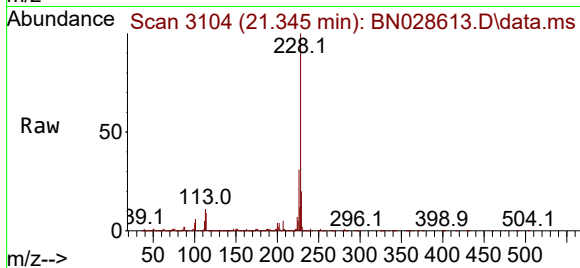
Tgt Ion:228 Resp: 2909662

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

229 20.1 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 42.529 ng/ul

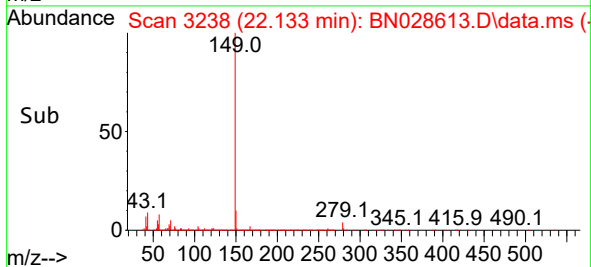
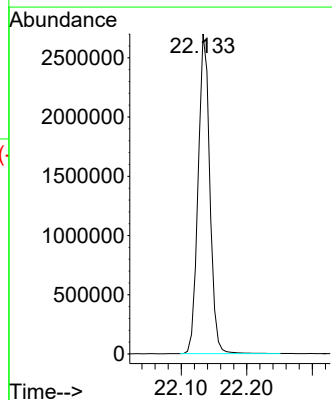
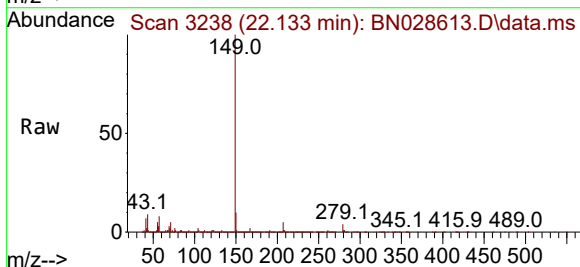
RT: 22.133 min Scan# 3238

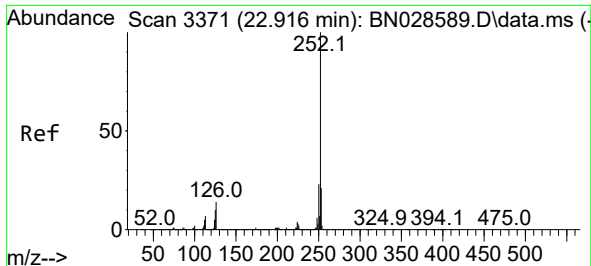
Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Tgt Ion:149 Resp: 3359411

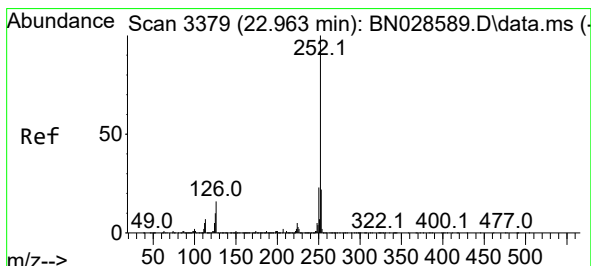
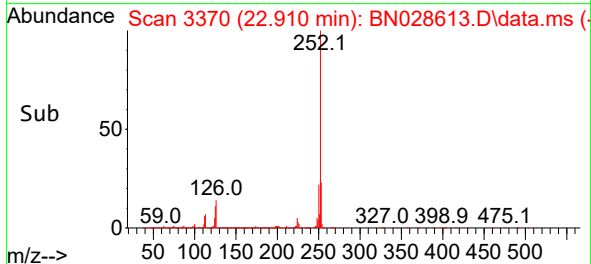
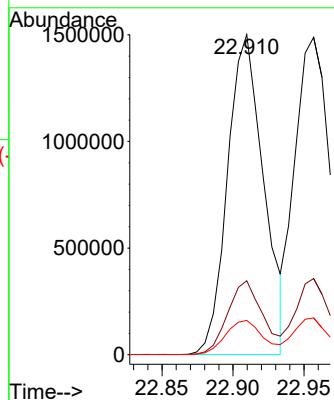
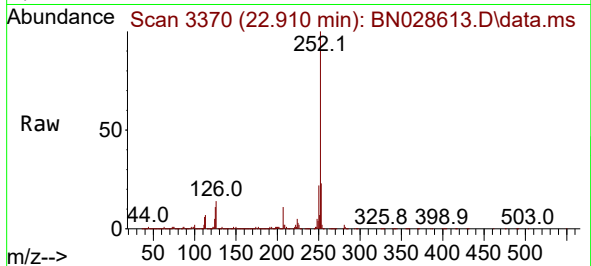




#90
Benzo(b)fluoranthene
Concen: 40.103 ng/ul
RT: 22.910 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

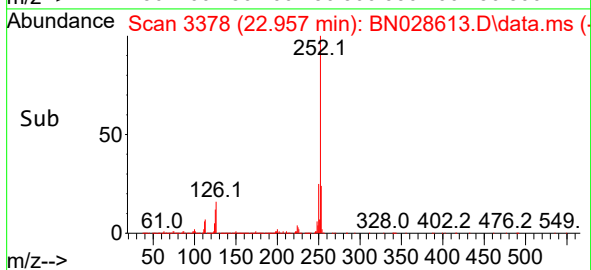
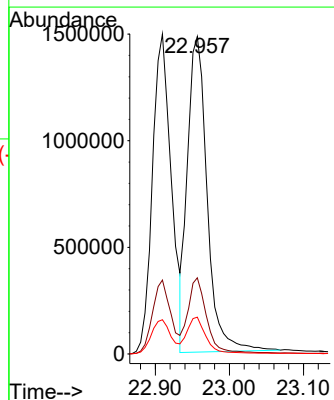
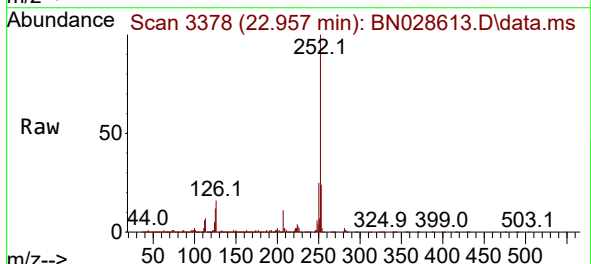
Instrument :
BNA_N
ClientSampleId :

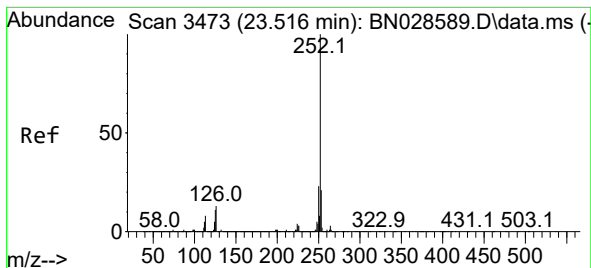
Tgt Ion:252 Resp: 2654826
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 10.7 8.6 12.8



#91
Benzo(k)fluoranthene
Concen: 36.880 ng/ul
RT: 22.957 min Scan# 3378
Delta R.T. -0.006 min
Lab File: BN028613.D
Acq: 14 Nov 2023 21:58

Tgt Ion:252 Resp: 2738851
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 11.6 8.6 13.0





#93

Benzo(a)pyrene

Concen: 38.744 ng/ul

RT: 23.504 min Scan# 3473

Delta R.T. -0.012 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

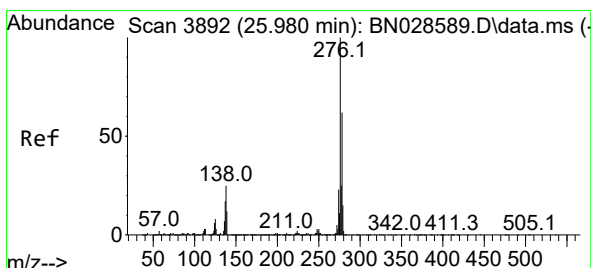
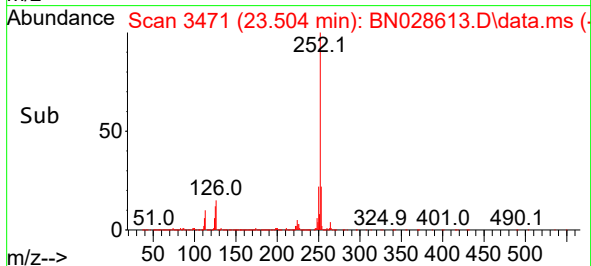
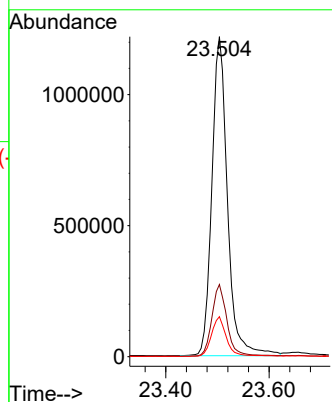
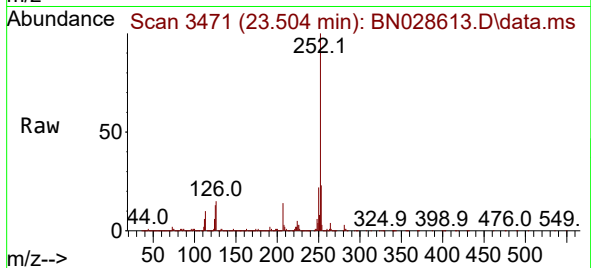
Tgt Ion:252 Resp: 2552218

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 12.5 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.539 ng/ul

RT: 25.974 min Scan# 3891

Delta R.T. -0.006 min

Lab File: BN028613.D

Acq: 14 Nov 2023 21:58

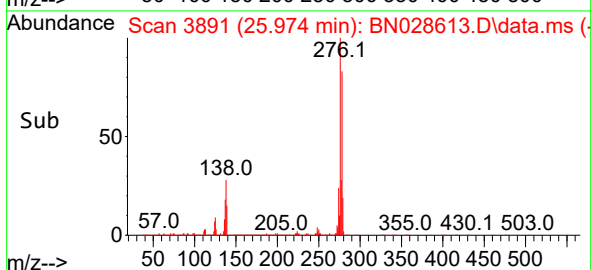
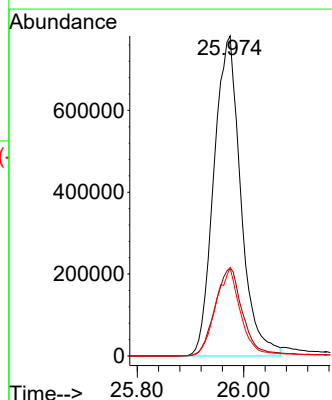
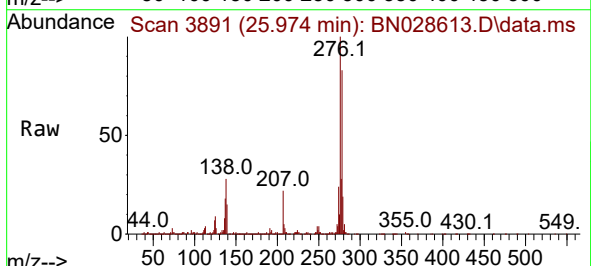
Tgt Ion:276 Resp: 2736026

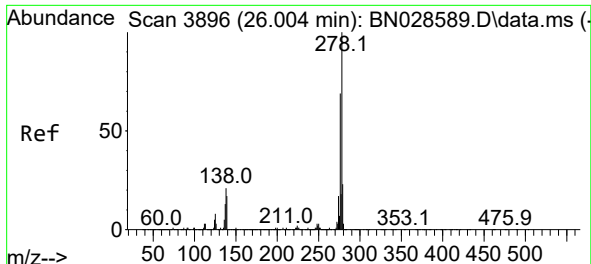
Ion Ratio Lower Upper

276 100

138 27.5 20.4 30.6

277 27.6 20.1 30.1

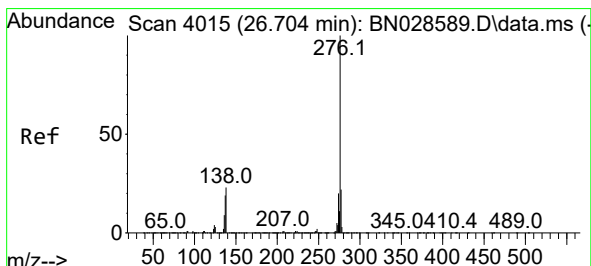
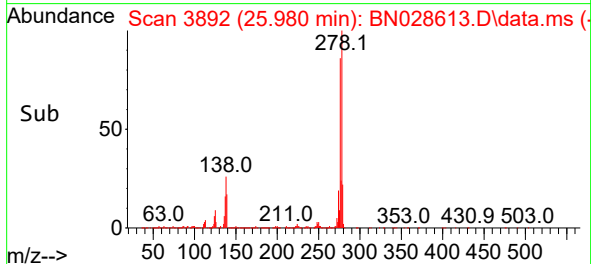
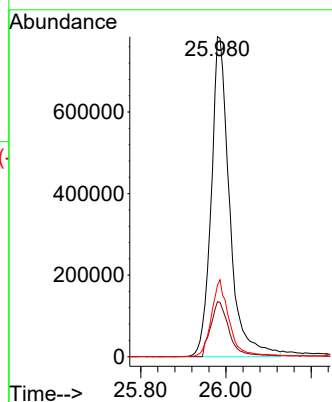
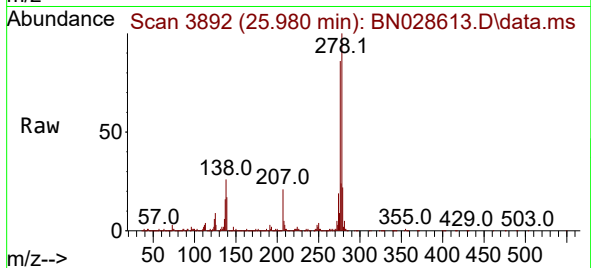




#95
 Dibenzo(a,h)anthracene
 Concen: 37.064 ng/ul
 RT: 25.980 min Scan# 3892
 Delta R.T. -0.024 min
 Lab File: BN028613.D
 Acq: 14 Nov 2023 21:58

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 2352295
 Ion Ratio Lower Upper
 278 100
 139 17.1 13.4 20.2
 279 22.3 18.2 27.4



#96
 Benzo(g,h,i)perylene
 Concen: 37.639 ng/ul
 RT: 26.686 min Scan# 4012
 Delta R.T. -0.018 min
 Lab File: BN028613.D
 Acq: 14 Nov 2023 21:58

Tgt Ion:276 Resp: 2286456
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.5 27.7
 277 22.8 17.3 25.9

