

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028614.D
 Acq On : 14 Nov 2023 22:34
 Operator : MA/JU
 Sample : PB157091BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 14 23:40:25 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	7.705	152	119557	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	723476	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	486955	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1037978	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	867351	20.000	ng/u1	0.00
88) Perylene-d12	23.604	264	780360	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	38439	11.512	ng/uL	0.00
4) Pyridine-d5	3.558	84	338144	46.194	ng/u1	0.00
7) Phenol-d5	6.881	99	634271	55.533	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	374822	53.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	556289	55.731	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	507820	53.994	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	261800	40.303	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	282868	41.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	527109	45.592	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.640	131	637556	36.387	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1914900	43.613	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2161327	42.709	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	221066	47.511	ng/u1	-0.02
60) Fluorene-d10	15.340	176	1539239	42.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	276631	47.978	ng/u1	0.00
73) Anthracene-d10	17.192	188	2313842	39.935	ng/u1	0.00
81) Pyrene-d10	19.498	212	2739536	41.644	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	2193857	44.907	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	80034	22.443	ng/uL	93
5) Pyridine	3.575	79	412028	54.439	ng/u1	95
6) Benzaldehyde	6.852	77	129015	23.956	ng/u1	96
8) Phenol	6.905	94	704192	61.974	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	524022	54.336	ng/u1	97
12) 2-Chlorophenol	7.263	128	580332	58.434	ng/u1	98
13) 2-Methylphenol	8.152	108	495004	54.366	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.228	45	946243	63.554	ng/u1	100
16) Acetophenone	8.528	105	872361	56.413	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.511	70	478849	59.373	ng/u1	99
18) 4-Methylphenol	8.481	108	545400	55.783	ng/u1	95
19) Hexachloroethane	8.763	117	264894	58.070	ng/u1	97
22) Nitrobenzene	8.899	77	591957	42.580	ng/u1	99
23) Isophorone	9.422	82	1466829	47.317	ng/u1	99
25) 2-Nitrophenol	9.610	139	288252	40.305	ng/u1	98
26) 2,4-Dimethylphenol	9.681	107	531847	37.951	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	772077	43.126	ng/u1	97
29) 2,4-Dichlorophenol	10.146	162	534652	46.737	ng/u1	96
30) Naphthalene	10.534	128	2043704	44.116	ng/u1	99
32) 4-Chloroaniline	10.663	127	568335	34.598	ng/u1	99
33) Hexachlorobutadiene	10.822	225	377642	44.053	ng/u1	94
34) Caprolactam	11.434	113	109597	28.309	ng/u1	94
35) 4-Chloro-3-methylphenol	11.793	107	611126	48.979	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	1429058	46.591	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028614.D
 Acq On : 14 Nov 2023 22:34
 Operator : MA/JU
 Sample : PB157091BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

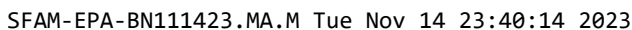
Instrument :
 BNA_N
 ClientSampleId :

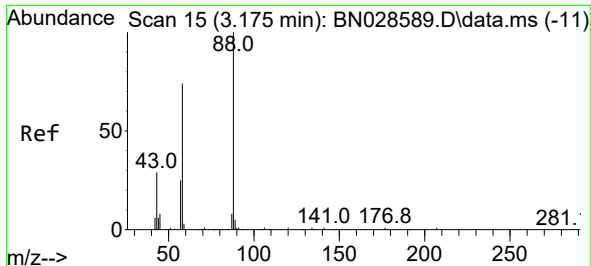
Quant Time: Nov 14 23:40:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1432472	45.205	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.528	216	711620	43.014	ng/ul	88
40) Hexachlorocyclopentadiene	12.504	237	371315	44.570	ng/ul	94
41) 2,4,6-Trichlorophenol	12.775	196	447965	46.193	ng/ul	98
42) 2,4,5-Trichlorophenol	12.851	196	434883	37.537	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1877753	43.749	ng/ul	100
44) 2-Chloronaphthalene	13.216	162	1501396	43.845	ng/ul	98
45) 2-Nitroaniline	13.434	65	386179	44.152	ng/ul	97
47) Dimethylphthalate	13.810	163	2023321	46.482	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	405806	47.213	ng/ul	99
50) Acenaphthylene	14.063	152	2610489	45.792	ng/ul	98
51) 3-Nitroaniline	14.269	138	252485	29.966	ng/ul	97
52) Acenaphthene	14.404	153	1737061	46.303	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	96535	45.837	ng/ul#	75
55) 4-Nitrophenol	14.587	109	164269	53.977	ng/ul	95
56) Dibenzofuran	14.745	168	2286764	45.685	ng/ul	100
57) 2,4-Dinitrotoluene	14.716	165	591120	50.029	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	429772	46.083	ng/ul	99
59) Diethylphthalate	15.181	149	2115642	47.532	ng/ul	99
61) Fluorene	15.392	166	1929944	46.257	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	913576	45.247	ng/ul	99
63) 4-Nitroaniline	15.440	138	218309	27.060	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.481	198	306401	50.860	ng/ul#	95
67) N-Nitrosodiphenylamine	15.610	169	1606972	44.905	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	541100	43.634	ng/ul	98
69) Hexachlorobenzene	16.392	284	660643	45.363	ng/ul	99
70) Atrazine	16.569	200	379676	34.641	ng/ul	96
71) Pentachlorophenol	16.745	266	359103	49.161	ng/ul	94
72) Phenanthrene	17.134	178	3008834	46.253	ng/ul	99
74) Anthracene	17.228	178	2897540	42.647	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.140	216	778364	43.823	ng/ul	99
76) Pentachlorobenzene	14.663	250	788423	45.298	ng/ul	94
77) Carbazole	17.504	167	2567747	46.135	ng/ul	100
78) Di-n-butylphthalate	18.081	149	3560050	47.879	ng/ul	100
80) Fluoranthene	19.163	202	3480304	45.220	ng/ul	97
82) Pyrene	19.528	202	3566943	44.934	ng/ul	98
83) Butylbenzylphthalate	20.445	149	1550593	46.778	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	762174	38.583	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3073169	44.947	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2176969	46.715	ng/ul	99
87) Chrysene	21.339	228	3131557	44.279	ng/ul	96
89) Di-n-octyl phthalate	22.133	149	3646919	54.158	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	2913730	51.630	ng/ul	99
91) Benzo(k)fluoranthene	22.957	252	2885212	45.573	ng/ul	97
93) Benzo(a)pyrene	23.504	252	2692618	47.948	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.963	276	2961235	45.121	ng/ul	99
95) Dibenzo(a,h)anthracene	25.980	278	2428378	44.883	ng/ul	98
96) Benzo(g,h,i)perylene	26.692	276	2432950	46.981	ng/ul	98

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

Quant Time: Nov 14 23:40:25 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

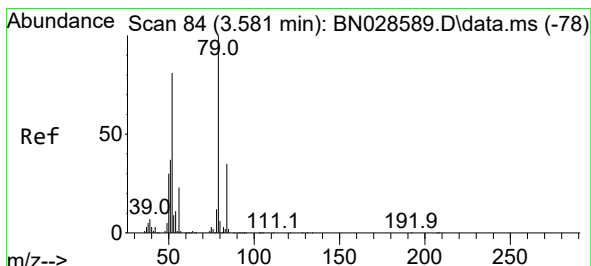
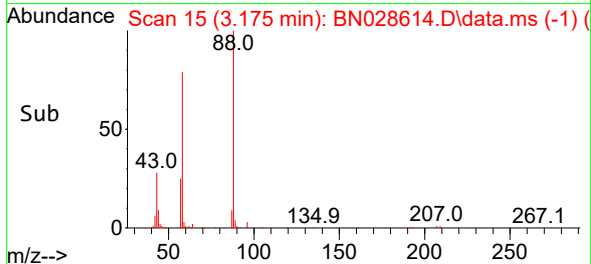
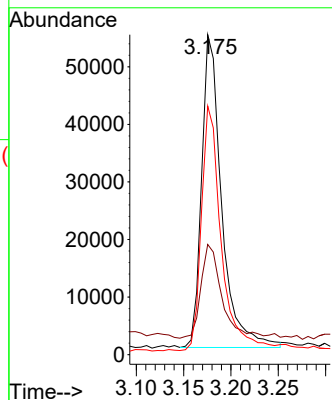
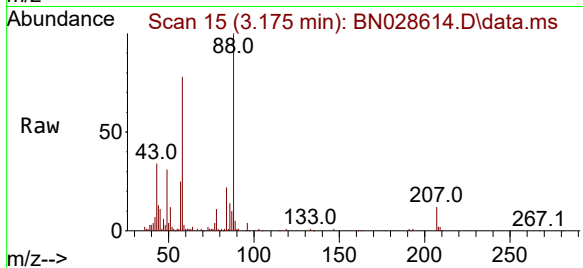




#2
 1,4-Dioxane
 Concen: 22.443 ng/uL
 RT: 3.175 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN028614.D
 Acq: 14 Nov 2023 22:34

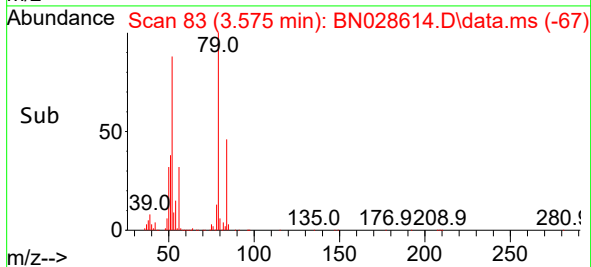
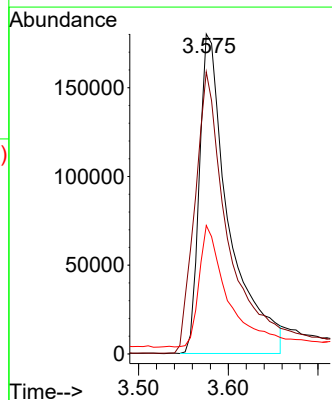
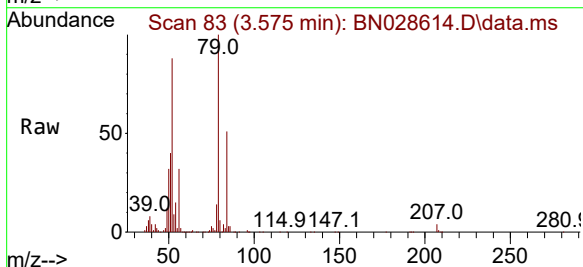
Instrument :
 BNA_N
 ClientSampleId :

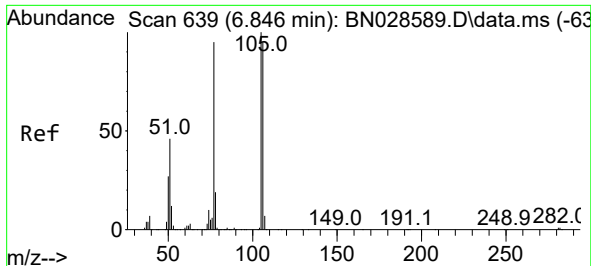
Tgt Ion: 88 Resp: 80034
 Ion Ratio Lower Upper
 88 100
 43 34.4 25.3 37.9
 58 77.7 56.8 85.2



#5
 Pyridine
 Concen: 54.439 ng/uL
 RT: 3.575 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BN028614.D
 Acq: 14 Nov 2023 22:34

Tgt Ion: 79 Resp: 412028
 Ion Ratio Lower Upper
 79 100
 52 88.1 65.8 98.6
 51 40.2 32.0 48.0

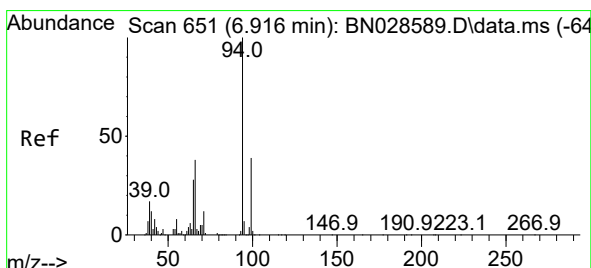
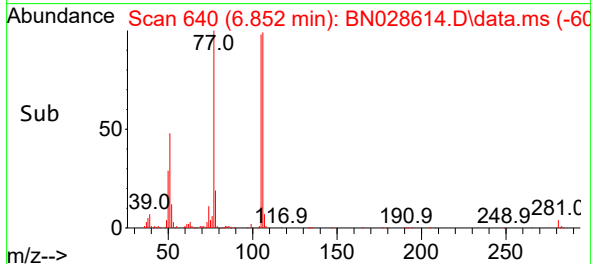
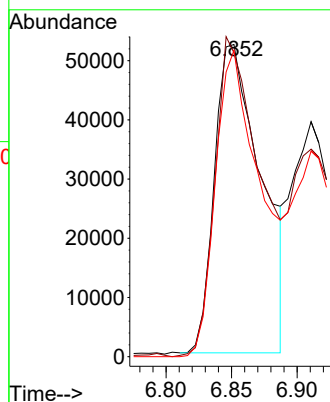
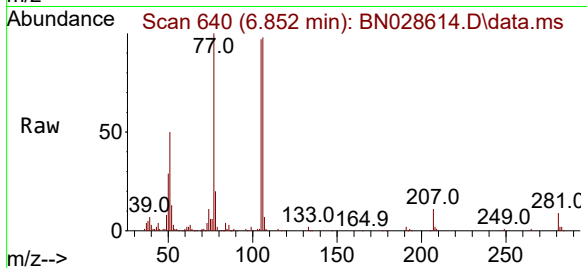




#6
Benzaldehyde
Concen: 23.956 ng/ul
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

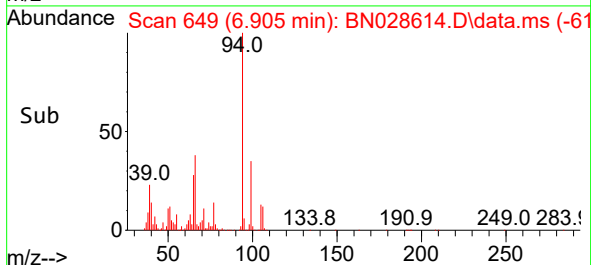
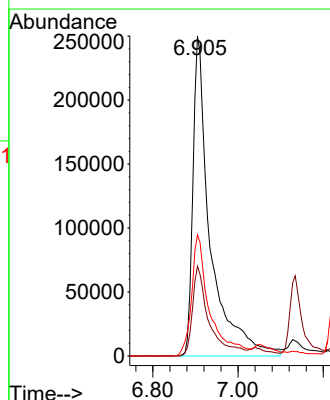
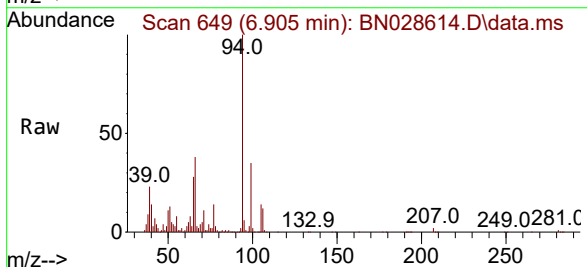
Instrument :
BNA_N
ClientSampleId :

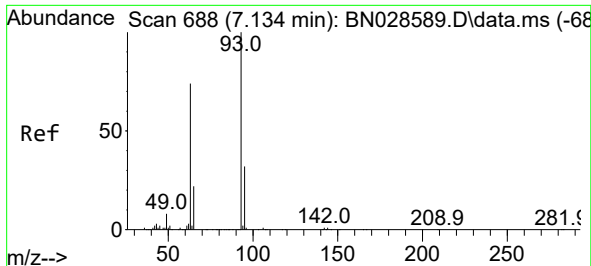
Tgt Ion: 77 Resp: 129015
Ion Ratio Lower Upper
77 100
105 97.4 83.5 125.3
106 98.2 78.6 118.0



#8
Phenol
Concen: 61.974 ng/ul
RT: 6.905 min Scan# 649
Delta R.T. -0.011 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion: 94 Resp: 704192
Ion Ratio Lower Upper
94 100
65 28.0 22.2 33.2
66 37.9 30.0 45.0

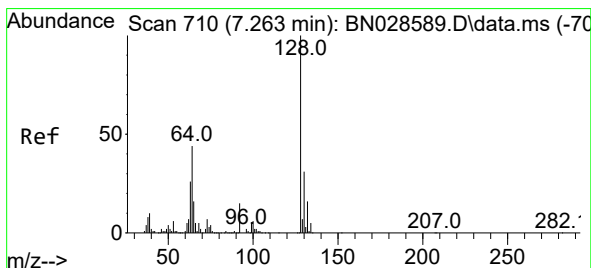
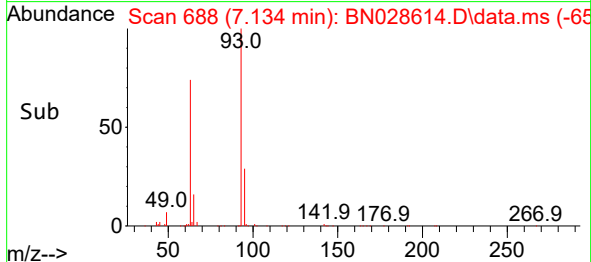
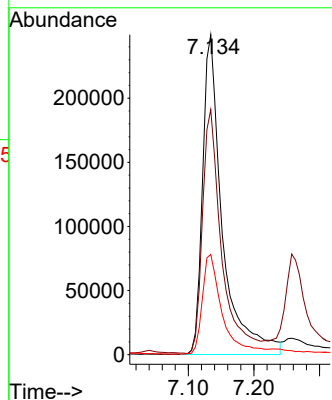
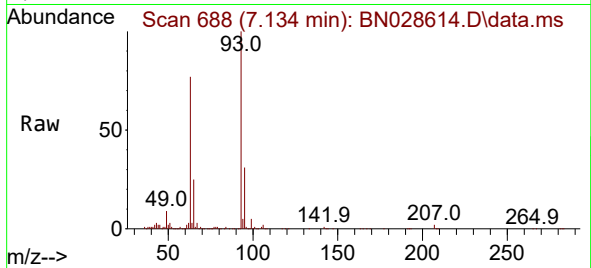




#10
Bis(2-Chloroethyl)ether
Concen: 54.336 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

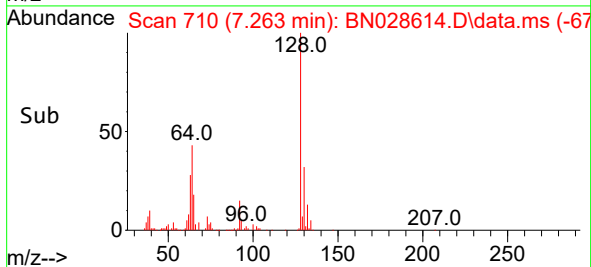
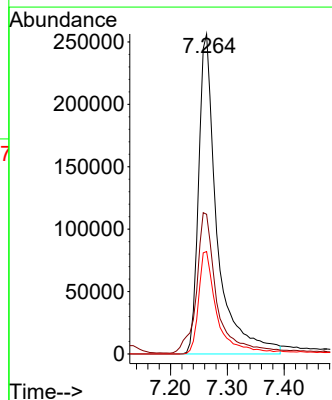
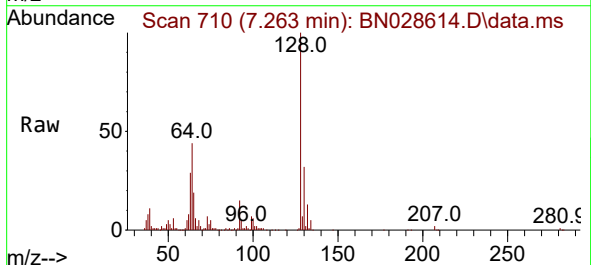
Instrument :
BNA_N
ClientSampleId :

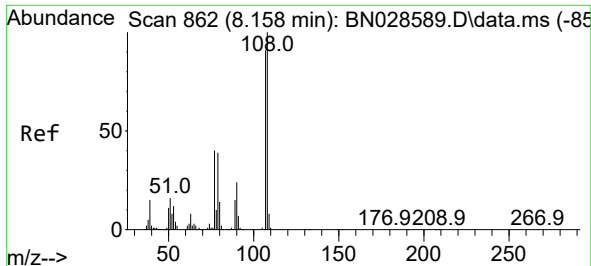
Tgt Ion: 93 Resp: 524022
Ion Ratio Lower Upper
93 100
63 76.6 59.5 89.3
95 31.4 26.2 39.2



#12
2-Chlorophenol
Concen: 58.434 ng/ul
RT: 7.263 min Scan# 710
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion: 128 Resp: 580332
Ion Ratio Lower Upper
128 100
64 43.6 35.9 53.9
130 32.0 24.7 37.1





#13

2-Methylphenol

Concen: 54.366 ng/ul

RT: 8.152 min Scan# 861

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

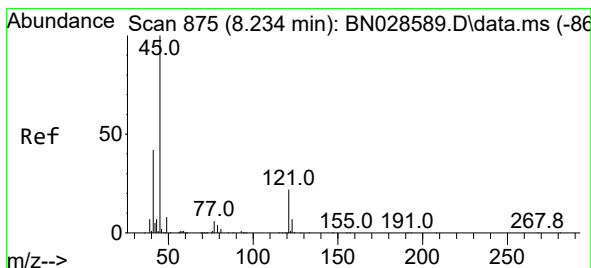
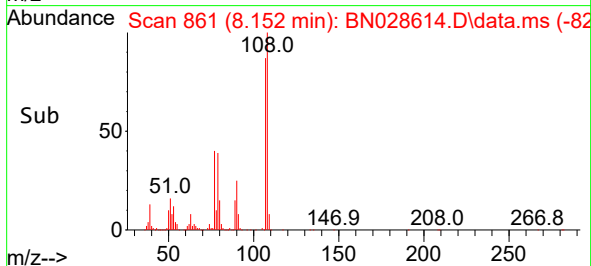
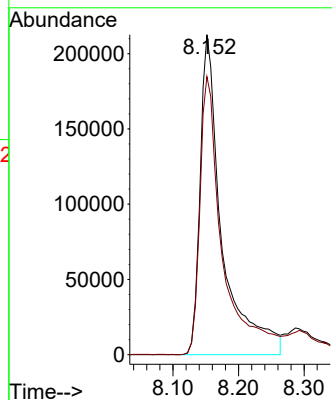
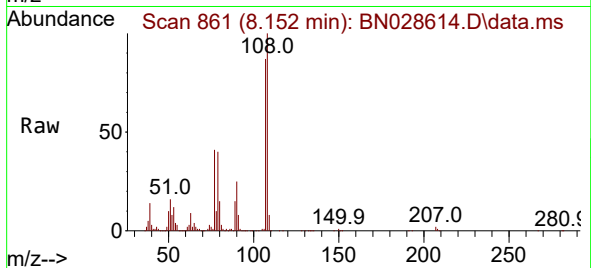
ClientSampleId :

Tgt Ion:108 Resp: 495004

Ion Ratio Lower Upper

108 100

107 86.9 72.7 109.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 63.554 ng/ul

RT: 8.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

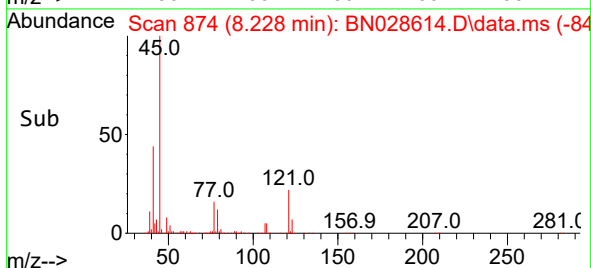
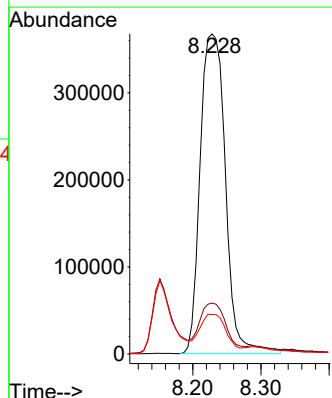
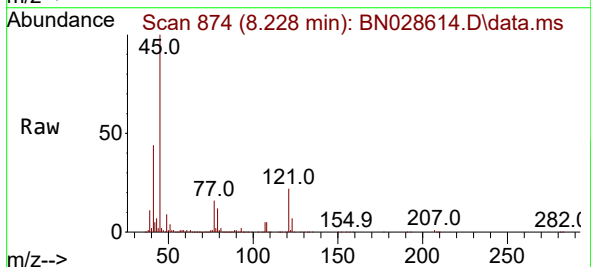
Tgt Ion: 45 Resp: 946243

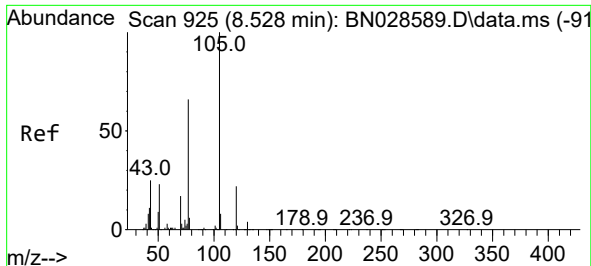
Ion Ratio Lower Upper

45 100

77 15.9 12.6 18.8

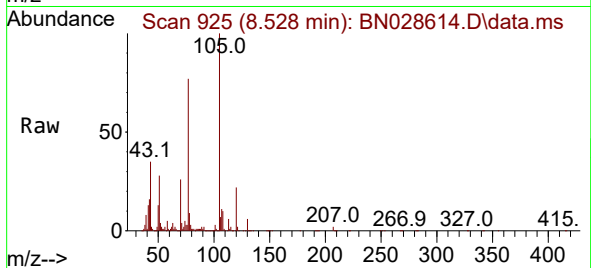
79 12.3 9.9 14.9



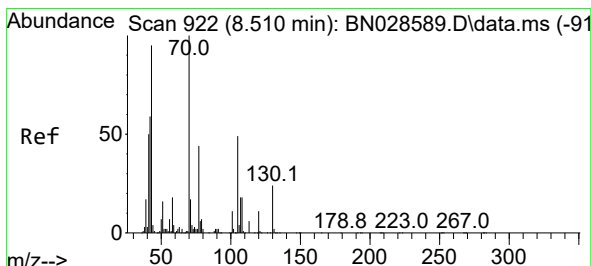
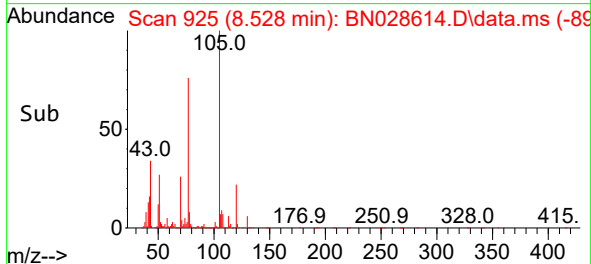
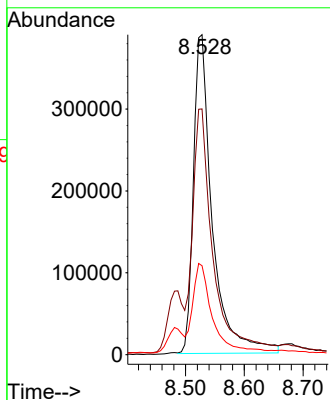


#16
Acetophenone
Concen: 56.413 ng/ul
RT: 8.528 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Instrument :
BNA_N
ClientSampleId :

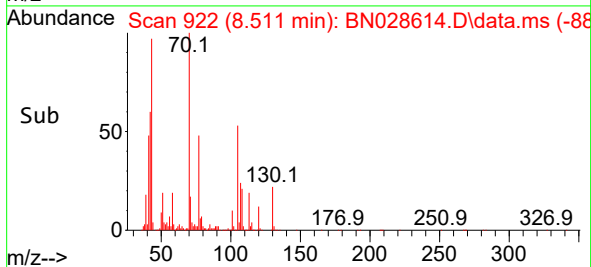
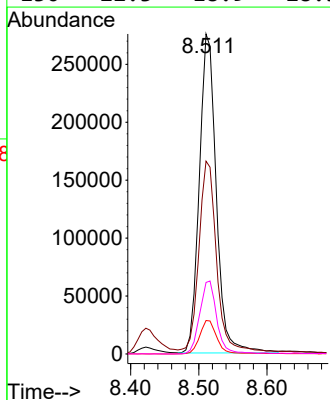
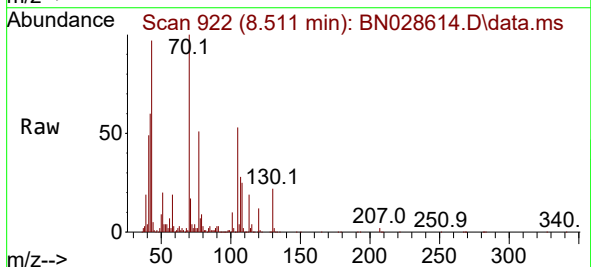


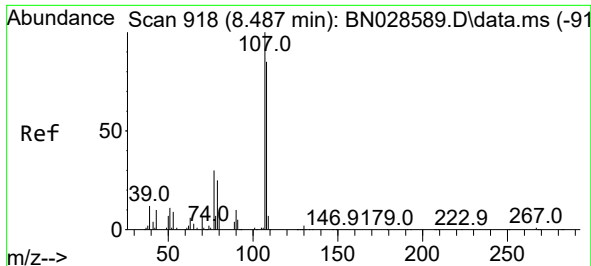
Tgt Ion:105 Resp: 872361
Ion Ratio Lower Upper
105 100
77 76.8 63.0 94.4
51 27.8 22.9 34.3



#17
N-Nitroso-di-n-propylamine
Concen: 59.373 ng/ul
RT: 8.511 min Scan# 922
Delta R.T. 0.001 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion: 70 Resp: 478849
Ion Ratio Lower Upper
70 100
42 60.3 48.1 72.1
101 10.4 8.8 13.2
130 22.3 18.9 28.3





#18

4-Methylphenol

Concen: 55.783 ng/ul

RT: 8.481 min Scan# 918

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

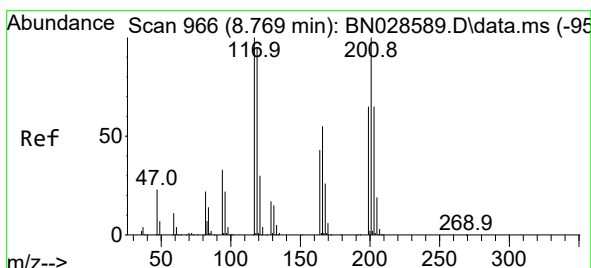
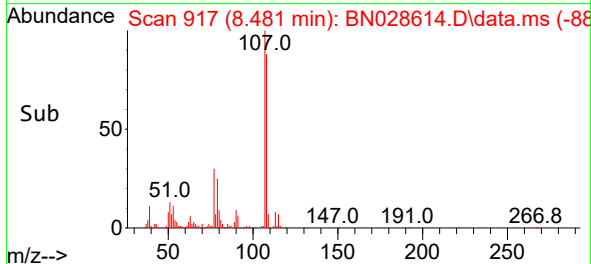
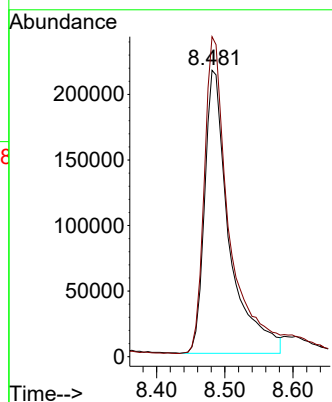
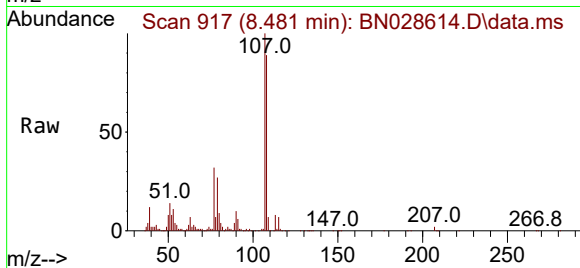
ClientSampleId :

Tgt Ion:108 Resp: 545400

Ion Ratio Lower Upper

108 100

107 111.8 93.5 140.3



#19

Hexachloroethane

Concen: 58.070 ng/ul

RT: 8.763 min Scan# 965

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

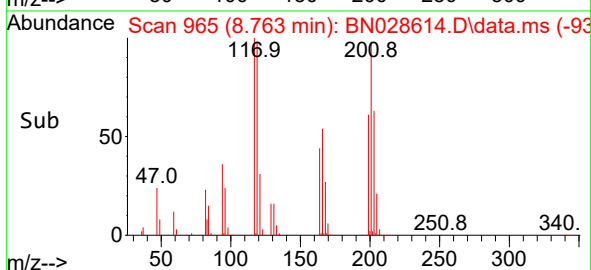
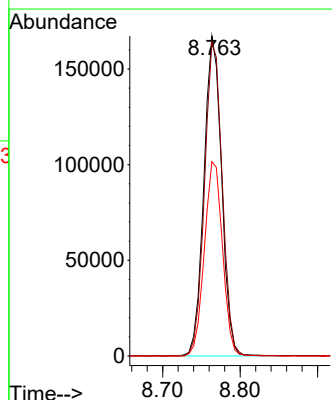
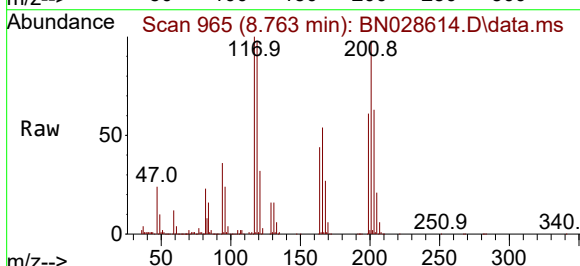
Tgt Ion:117 Resp: 264894

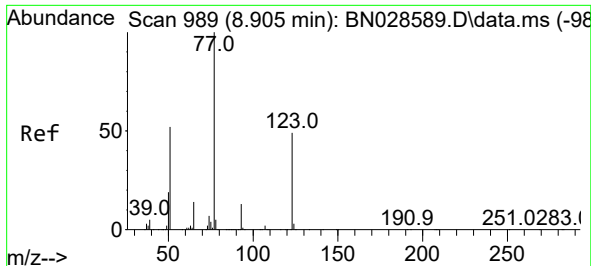
Ion Ratio Lower Upper

117 100

201 98.0 80.1 120.1

199 60.7 51.8 77.8

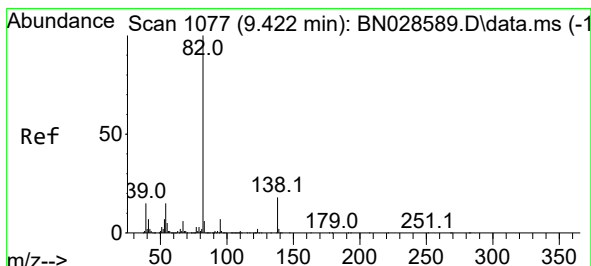
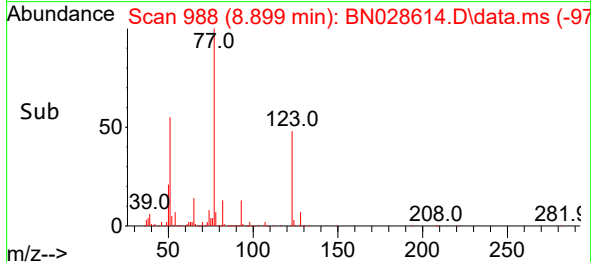
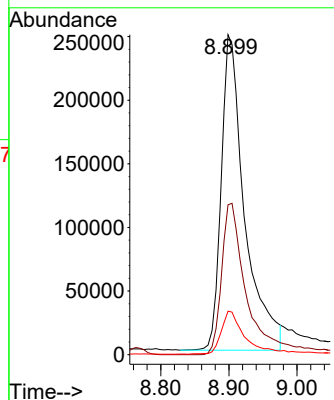
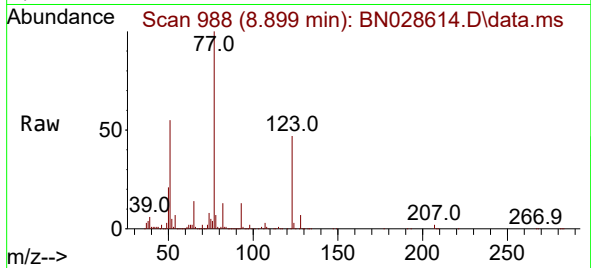




#22
Nitrobenzene
Concen: 42.580 ng/ul
RT: 8.899 min Scan# 988
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

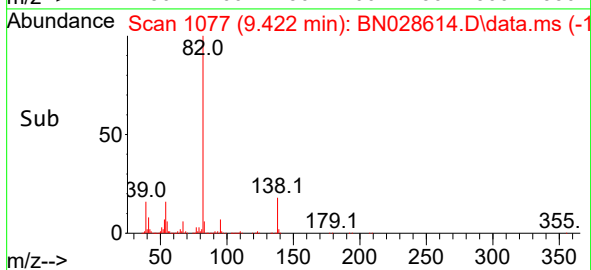
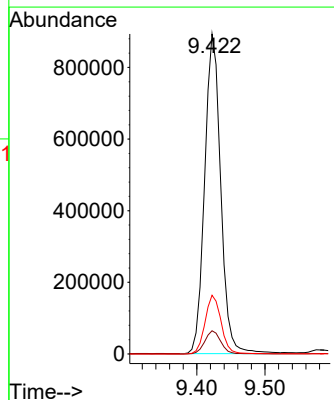
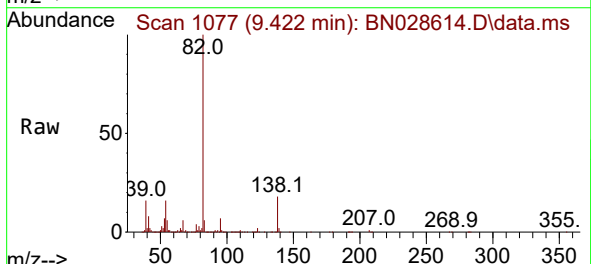
Instrument :
BNA_N
ClientSampleId :

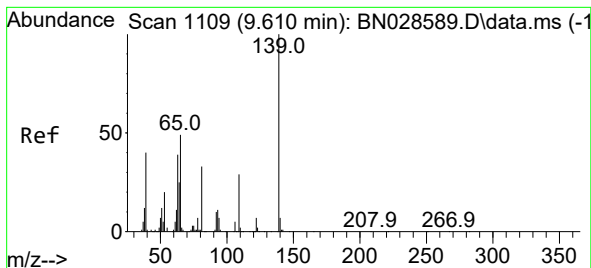
Tgt Ion: 77 Resp: 591957
Ion Ratio Lower Upper
77 100
123 46.8 38.4 57.6
65 13.6 10.9 16.3



#23
Isophorone
Concen: 47.317 ng/ul
RT: 9.422 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion: 82 Resp: 1466829
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.4 14.5 21.7





#25

2-Nitrophenol

Concen: 40.305 ng/ul

RT: 9.610 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

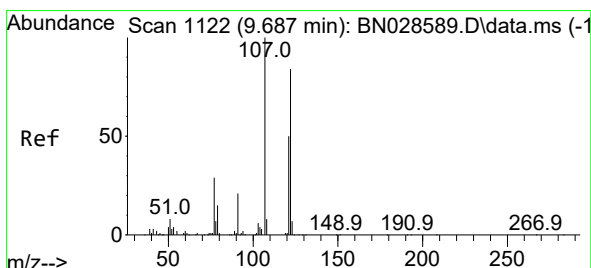
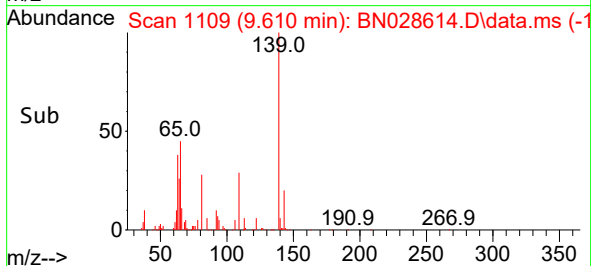
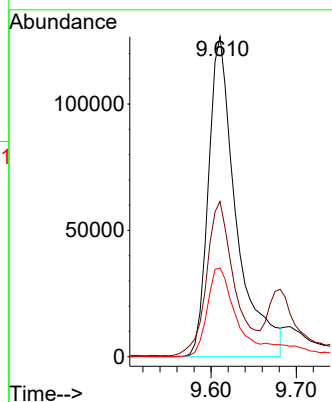
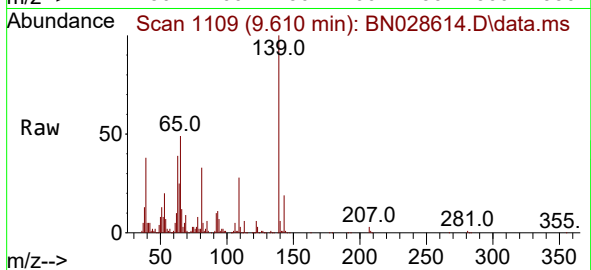
Tgt Ion:139 Resp: 288252

Ion Ratio Lower Upper

139 100

65 48.5 39.8 59.6

109 27.7 23.1 34.7



#26

2,4-Dimethylphenol

Concen: 37.951 ng/ul

RT: 9.681 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

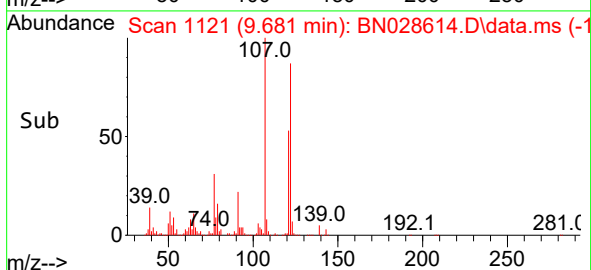
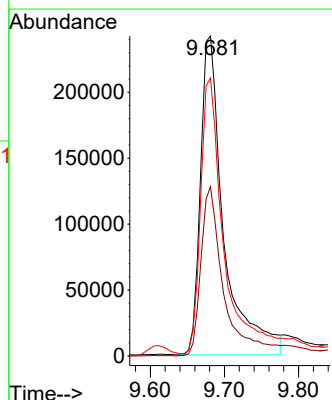
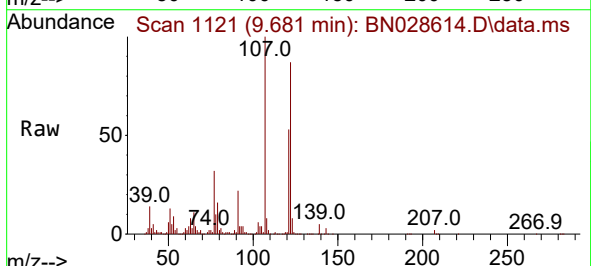
Tgt Ion:107 Resp: 531847

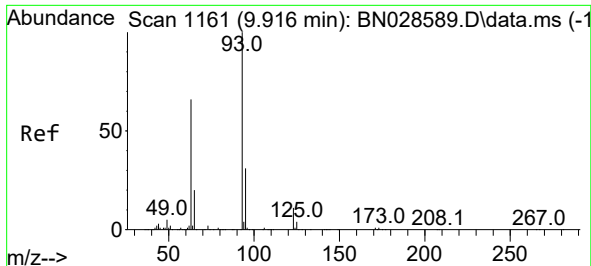
Ion Ratio Lower Upper

107 100

121 52.9 39.8 59.8

122 86.9 68.1 102.1





#27

Bis(2-Chloroethoxy)methane

Concen: 43.126 ng/ul

RT: 9.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

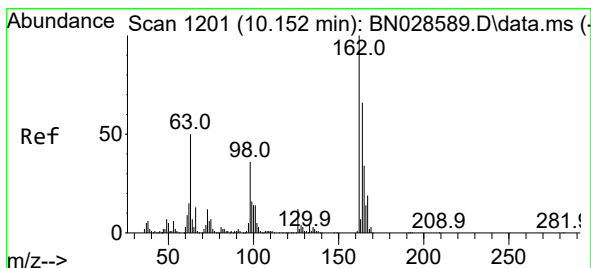
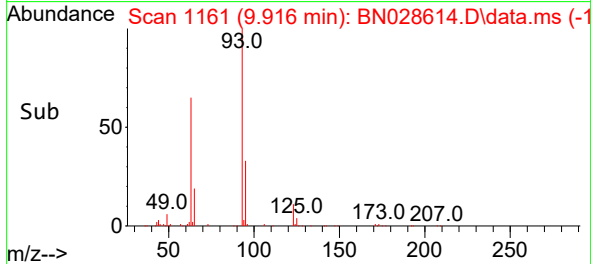
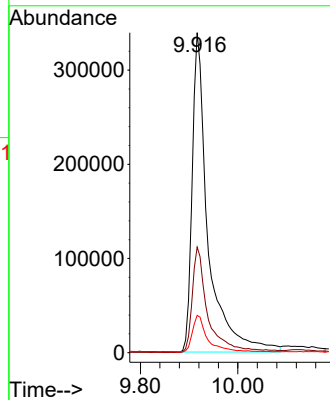
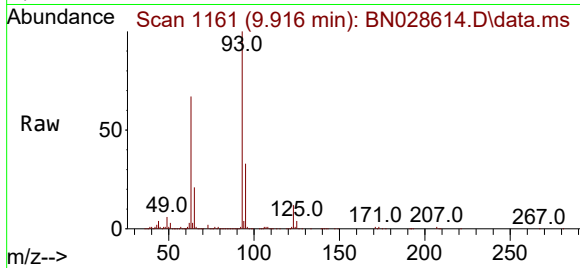
Tgt Ion: 93 Resp: 772077

Ion Ratio Lower Upper

93 100

95 33.0 24.7 37.1

123 11.7 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 46.737 ng/ul

RT: 10.146 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

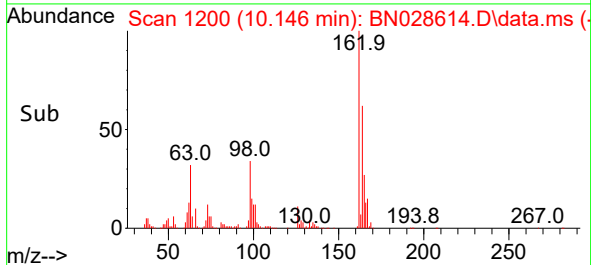
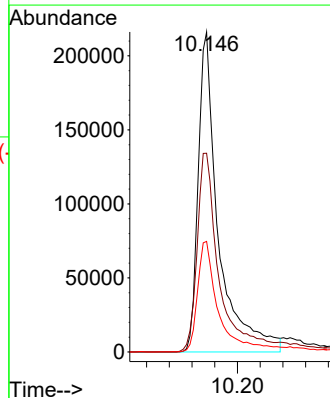
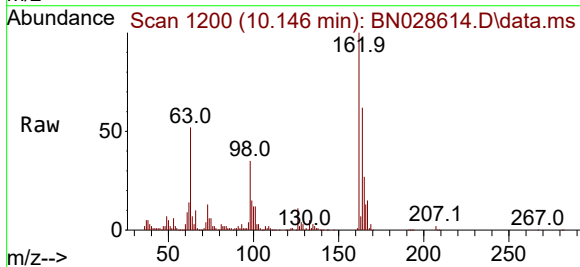
Tgt Ion:162 Resp: 534652

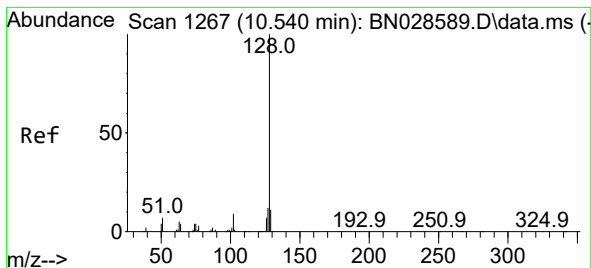
Ion Ratio Lower Upper

162 100

164 62.1 53.1 79.7

98 34.6 28.6 43.0





#30

Naphthalene

Concen: 44.116 ng/ul

RT: 10.534 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

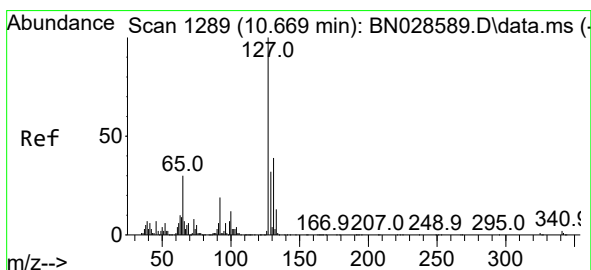
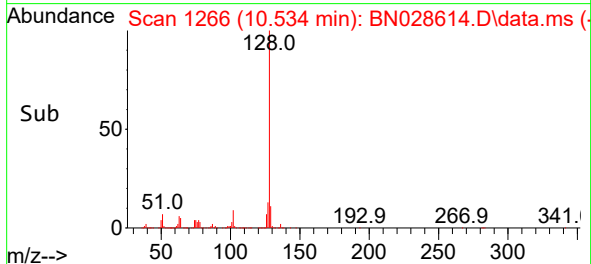
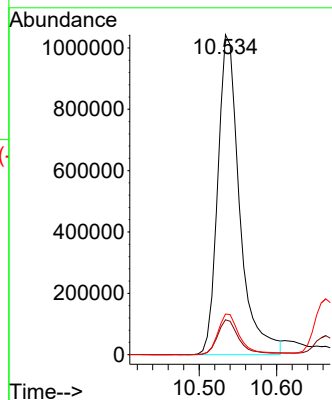
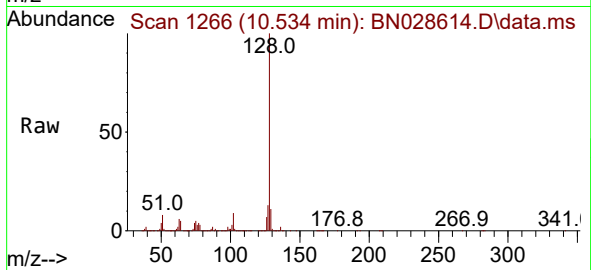
Tgt Ion:128 Resp: 2043704

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 12.7 10.0 15.0



#32

4-Chloroaniline

Concen: 34.598 ng/ul

RT: 10.663 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BN028614.D

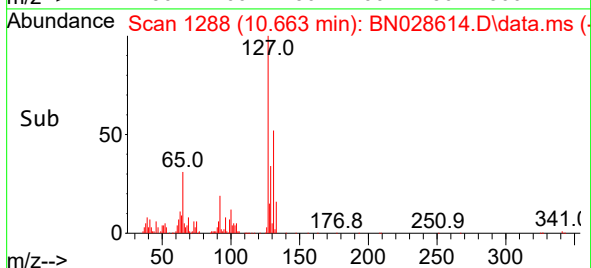
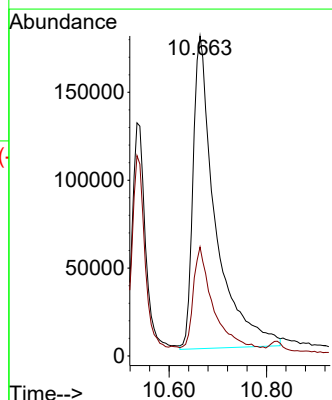
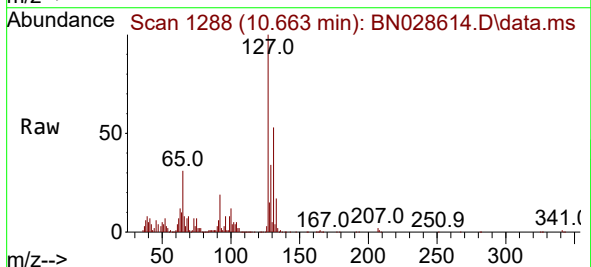
Acq: 14 Nov 2023 22:34

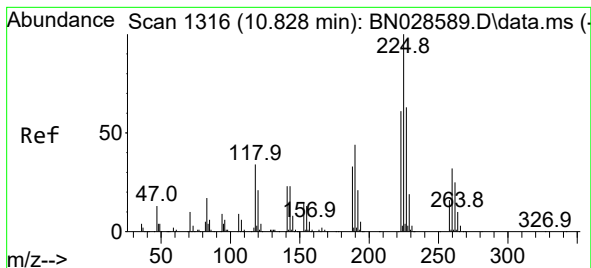
Tgt Ion:127 Resp: 568335

Ion Ratio Lower Upper

127 100

129 34.1 26.7 40.1





#33

Hexachlorobutadiene

Concen: 44.053 ng/ul

RT: 10.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

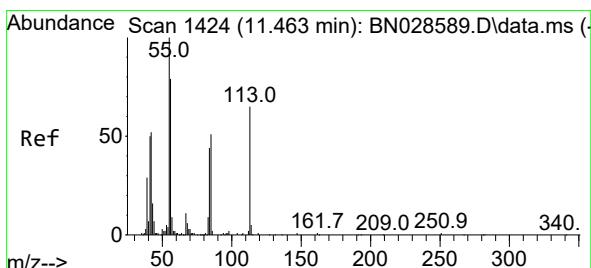
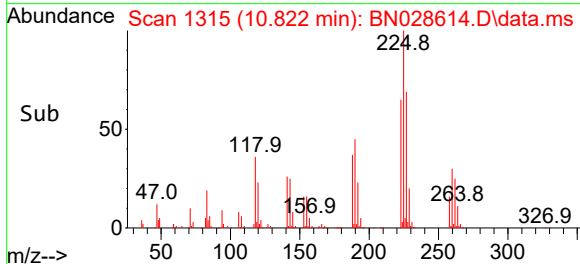
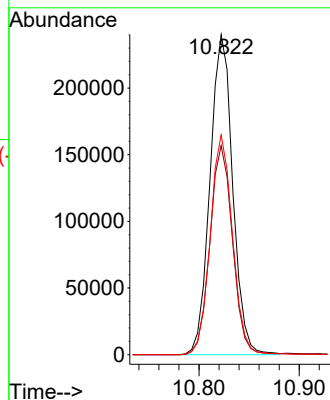
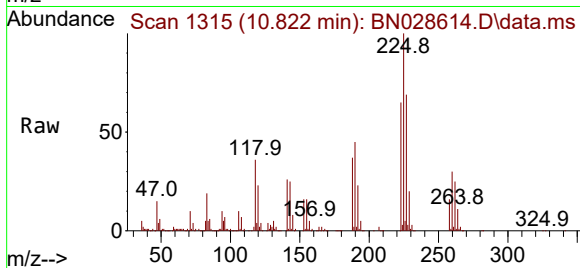
Tgt Ion:225 Resp: 377642

Ion Ratio Lower Upper

225 100

223 65.3 48.9 73.3

227 68.6 50.7 76.1



#34

Caprolactam

Concen: 28.309 ng/ul

RT: 11.434 min Scan# 1419

Delta R.T. -0.029 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

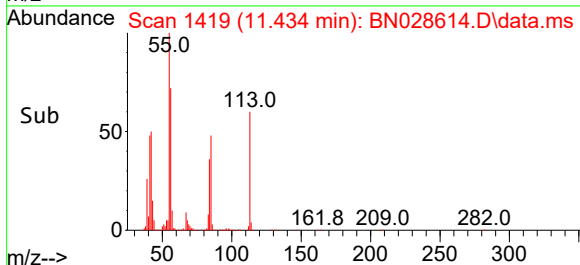
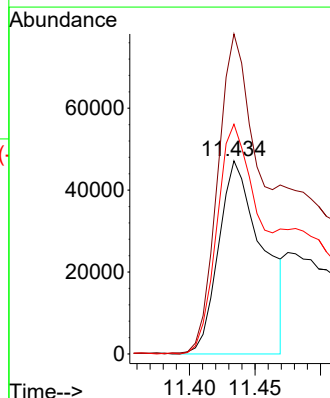
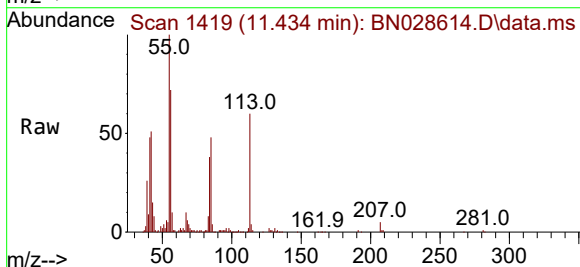
Tgt Ion:113 Resp: 109597

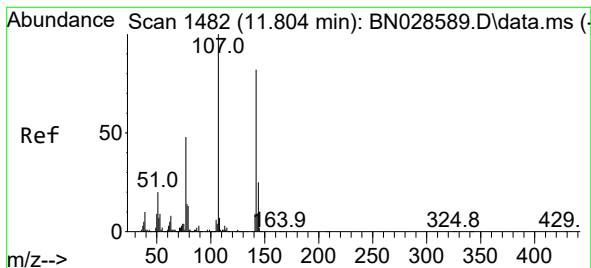
Ion Ratio Lower Upper

113 100

55 165.7 124.0 186.0

56 118.9 98.1 147.1

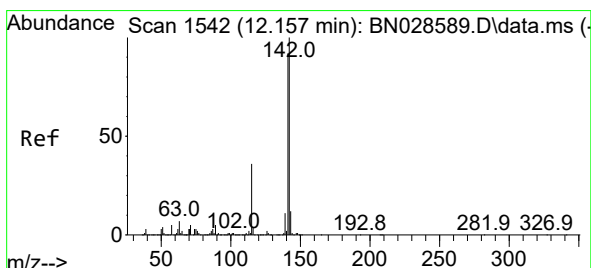
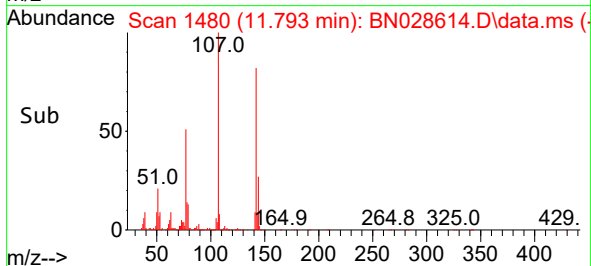
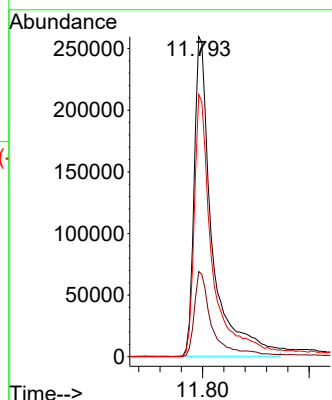
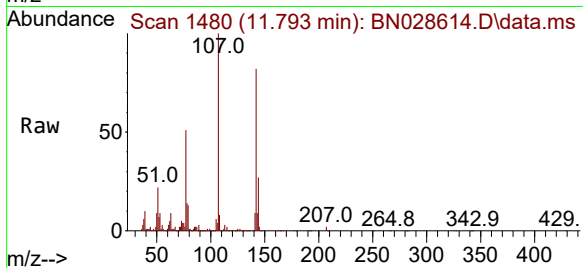




#35
4-Chloro-3-methylphenol
Concen: 48.979 ng/ul
RT: 11.793 min Scan# 1480
Delta R.T. -0.011 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

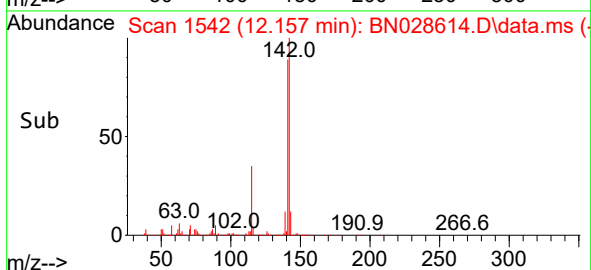
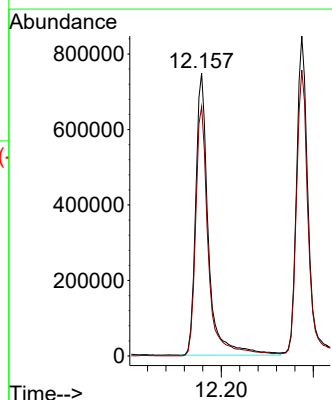
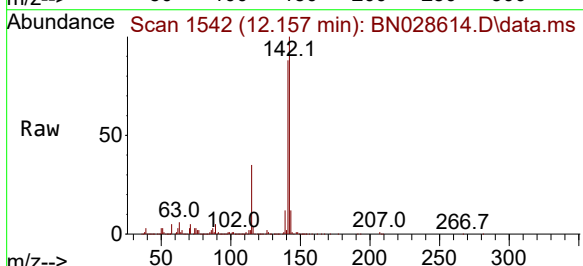
Instrument :
BNA_N
ClientSampleId :

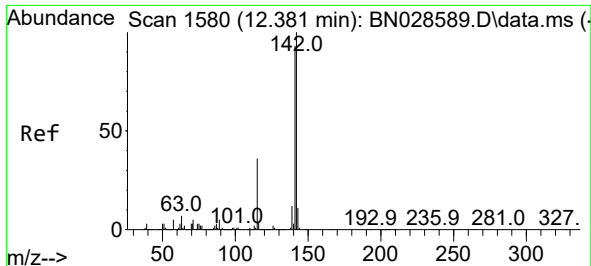
Tgt Ion:107 Resp: 611126
Ion Ratio Lower Upper
107 100
144 26.6 20.3 30.5
142 81.9 65.7 98.5



#36
2-Methylnaphthalene
Concen: 46.591 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:142 Resp: 1429058
Ion Ratio Lower Upper
142 100
141 88.1 73.6 110.4

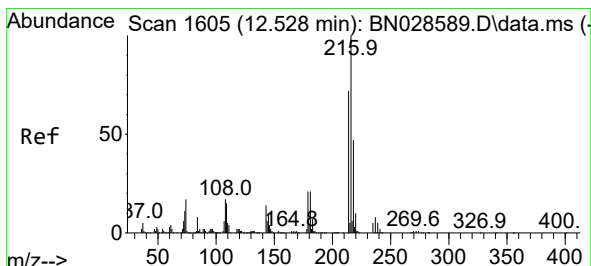
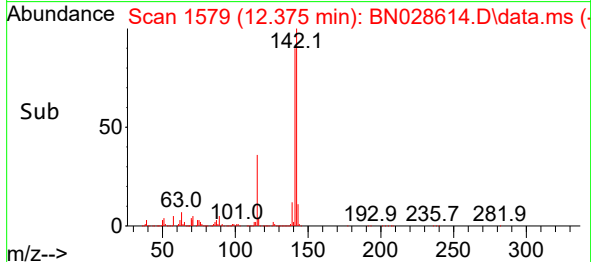
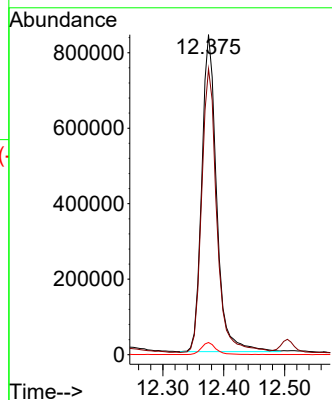
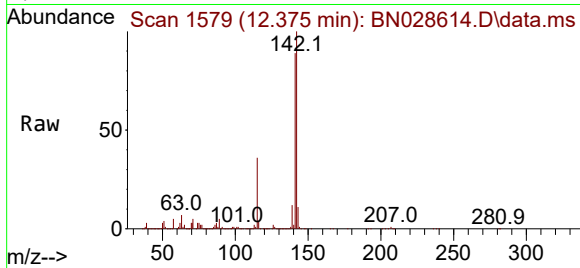




#37
1-Methylnaphthalene
Concen: 45.205 ng/ul
RT: 12.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

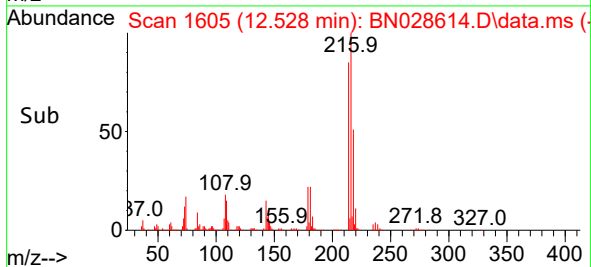
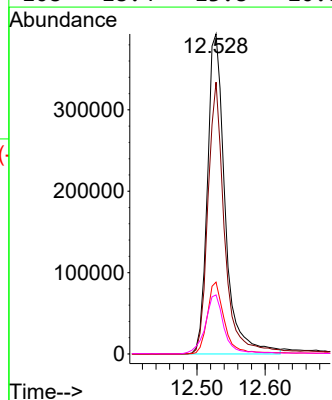
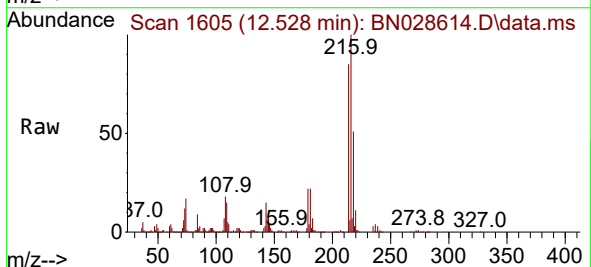
Instrument :
BNA_N
ClientSampleId :

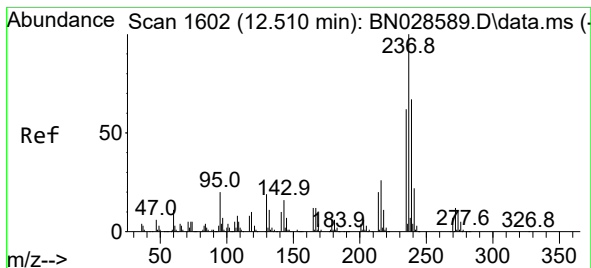
Tgt Ion:142 Resp: 1432472
Ion Ratio Lower Upper
142 100
141 89.3 74.6 112.0
116 3.8 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.014 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:216 Resp: 711620
Ion Ratio Lower Upper
216 100
214 85.0 57.4 86.2
179 22.4 16.5 24.7
108 18.4 13.8 20.8





#40

Hexachlorocyclopentadiene

Concen: 44.570 ng/ul

RT: 12.504 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

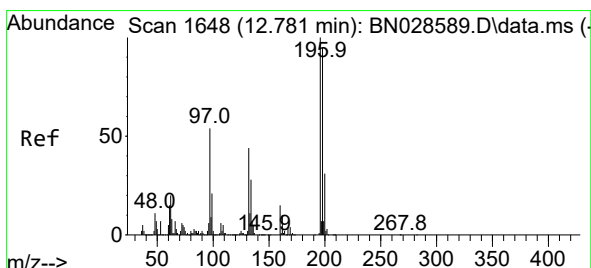
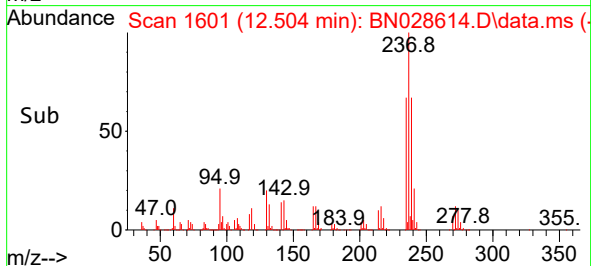
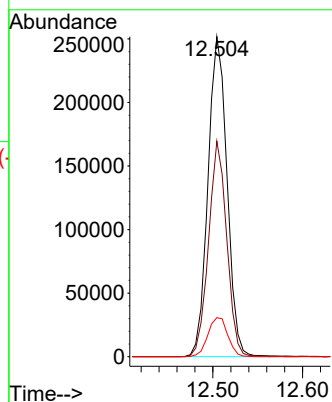
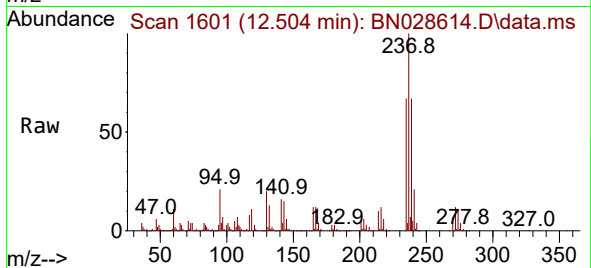
Tgt Ion:237 Resp: 371315

Ion Ratio Lower Upper

237 100

235 67.4 49.8 74.6

272 12.2 9.9 14.9



#41

2,4,6-Trichlorophenol

Concen: 46.193 ng/ul

RT: 12.775 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

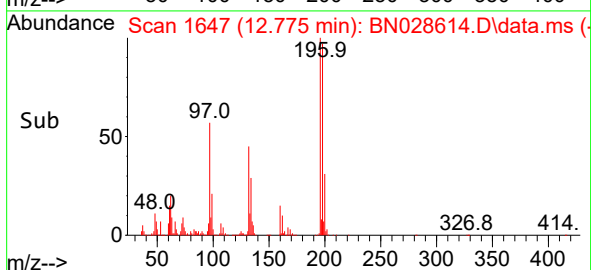
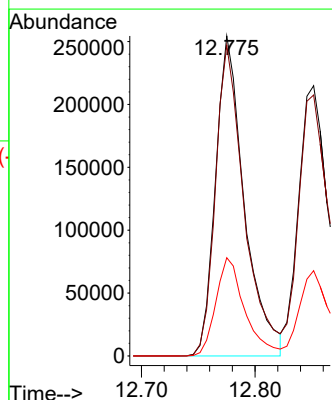
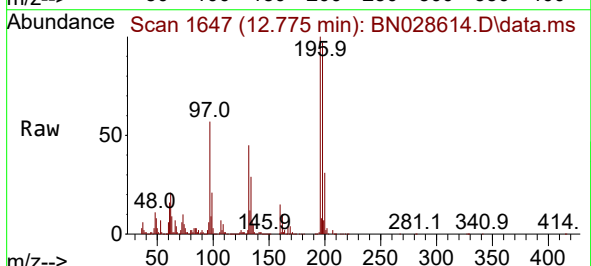
Tgt Ion:196 Resp: 447965

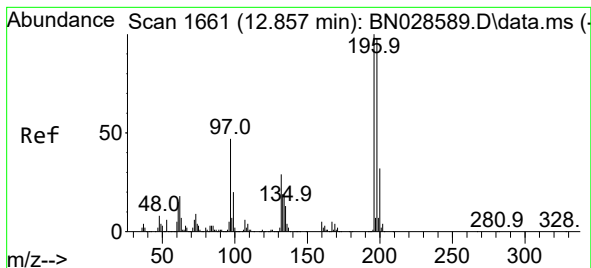
Ion Ratio Lower Upper

196 100

198 97.1 75.7 113.5

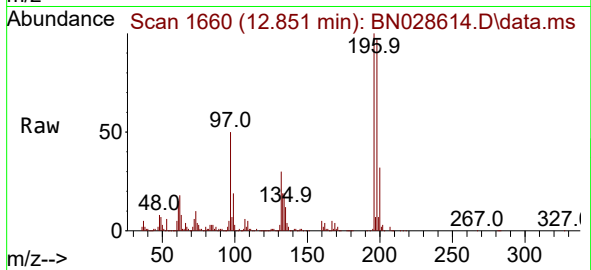
200 30.7 24.8 37.2



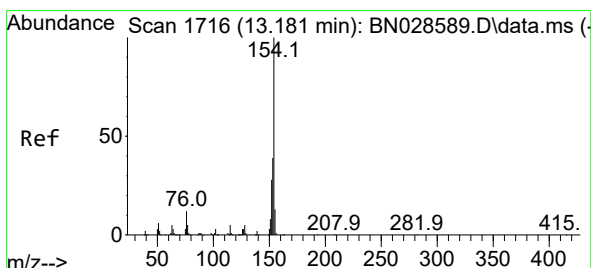
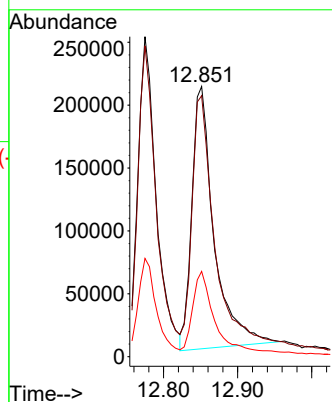
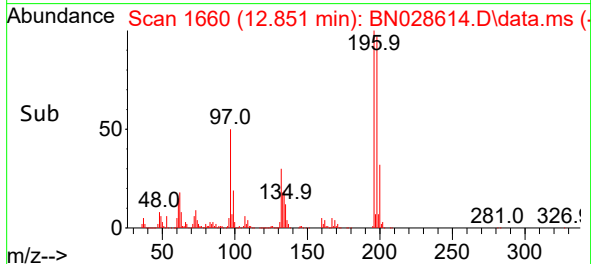


#42
2,4,5-Trichlorophenol
Concen: 37.537 ng/ul
RT: 12.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

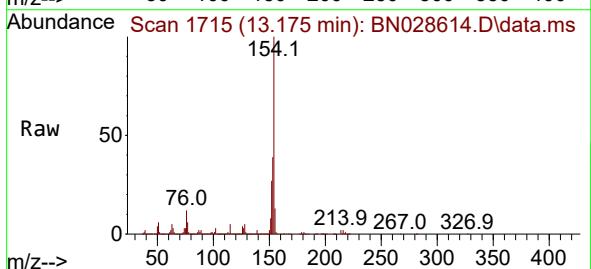
Instrument :
BNA_N
ClientSampleId :



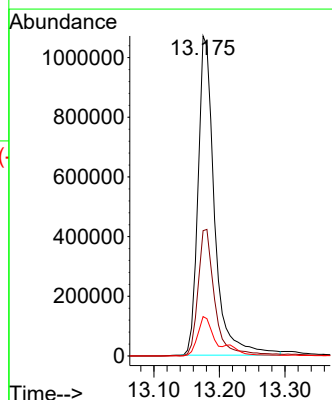
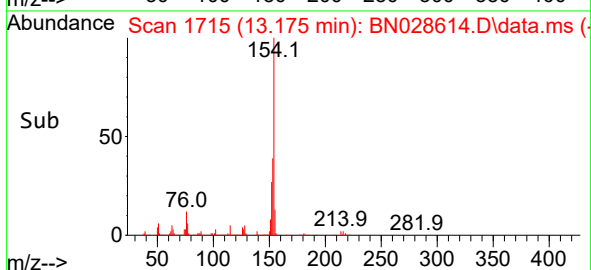
Tgt Ion:196 Resp: 434883
Ion Ratio Lower Upper
196 100
198 96.6 77.8 116.6
200 31.6 25.5 38.3

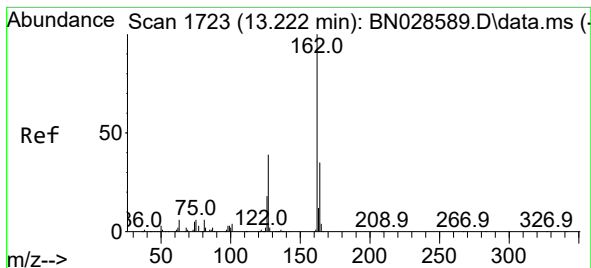


#43
1,1'-Biphenyl
Concen: 43.749 ng/ul
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34



Tgt Ion:154 Resp: 1877753
Ion Ratio Lower Upper
154 100
153 39.2 31.4 47.2
76 12.3 9.6 14.4





#44

2-Chloronaphthalene

Concen: 43.845 ng/ul

RT: 13.216 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

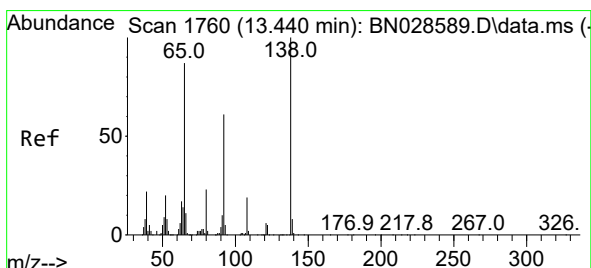
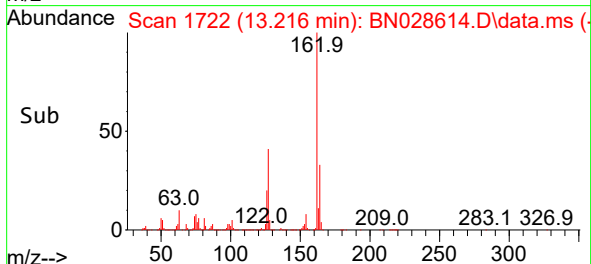
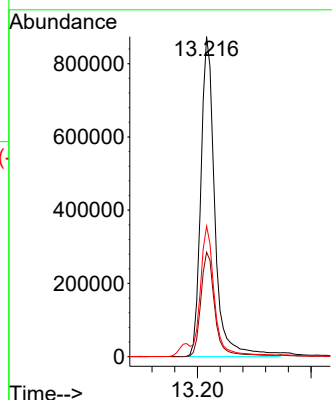
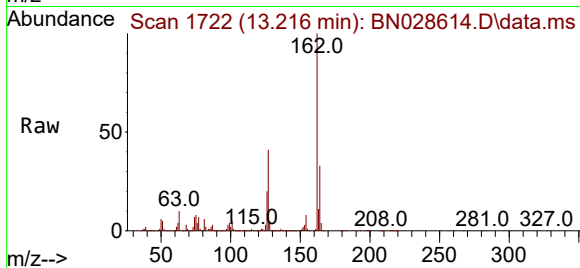
Tgt Ion:162 Resp: 1501396

Ion Ratio Lower Upper

162 100

164 32.6 28.0 42.0

127 40.8 32.9 49.3



#45

2-Nitroaniline

Concen: 44.152 ng/ul

RT: 13.434 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

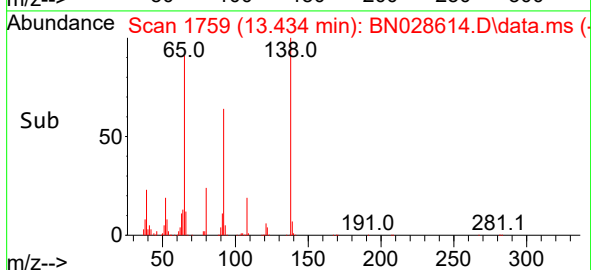
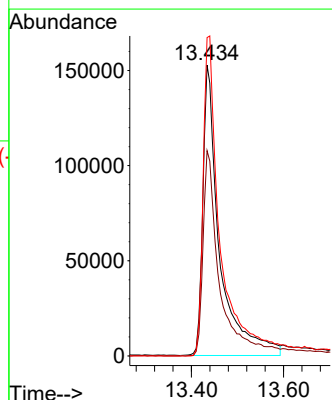
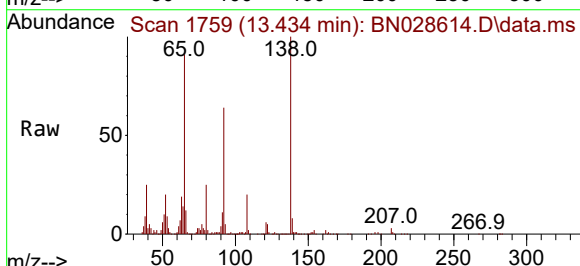
Tgt Ion: 65 Resp: 386179

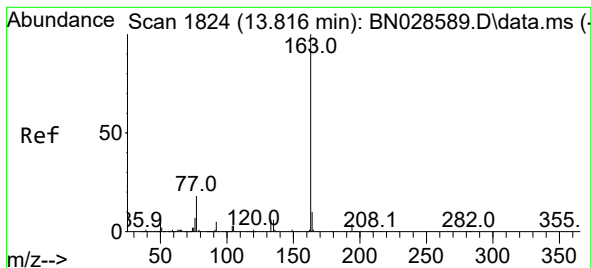
Ion Ratio Lower Upper

65 100

92 70.6 56.6 85.0

138 109.5 92.2 138.2





#47

Dimethylphthalate

Concen: 46.482 ng/ul

RT: 13.810 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

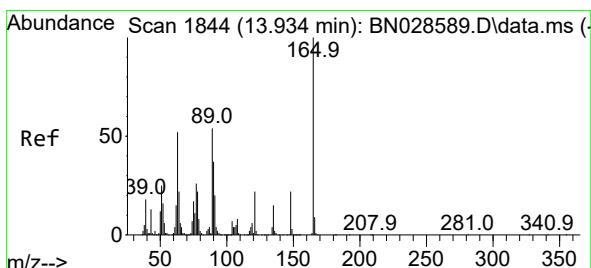
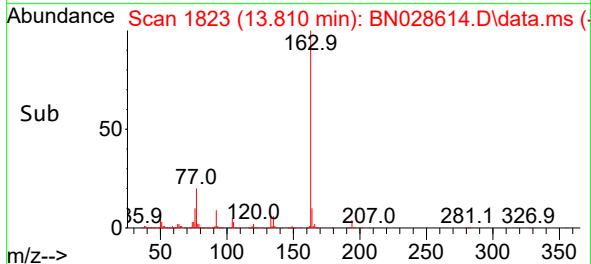
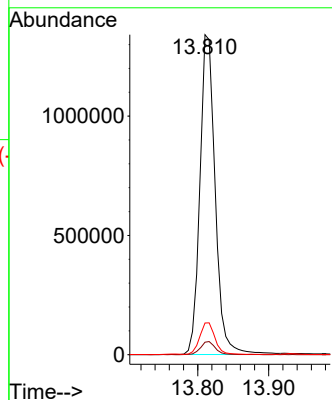
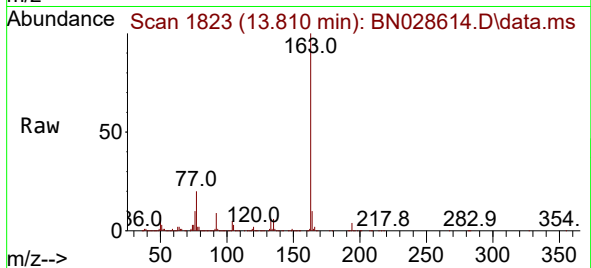
Tgt Ion:163 Resp: 2023321

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 47.213 ng/ul

RT: 13.928 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

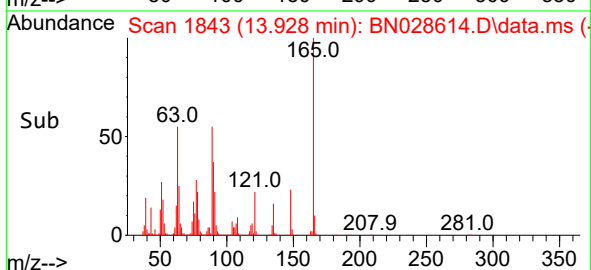
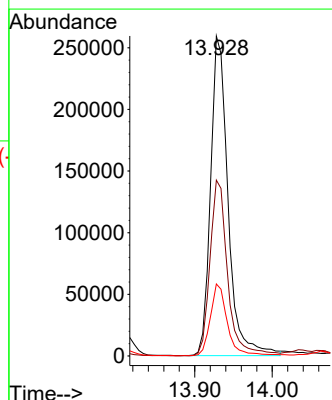
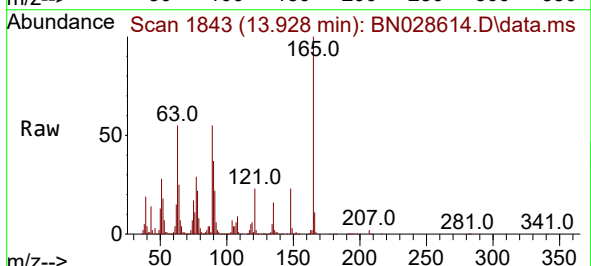
Tgt Ion:165 Resp: 405806

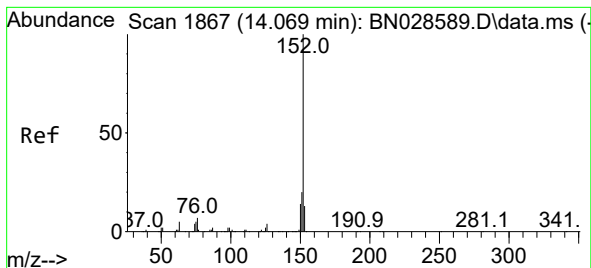
Ion Ratio Lower Upper

165 100

89 55.0 43.6 65.4

121 22.5 17.7 26.5





#50

Acenaphthylene

Concen: 45.792 ng/ul

RT: 14.063 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

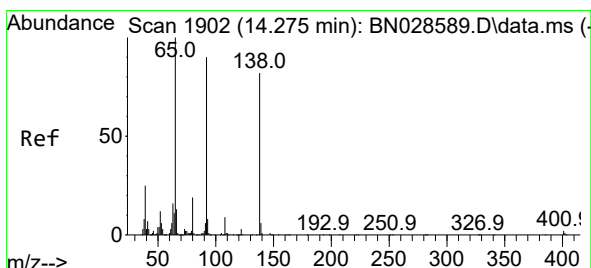
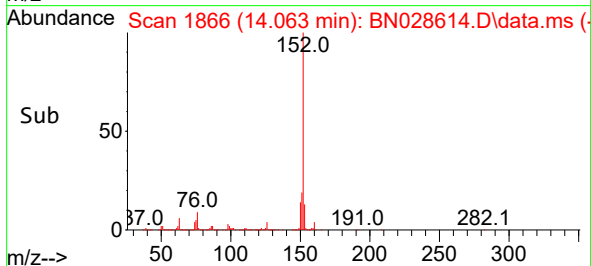
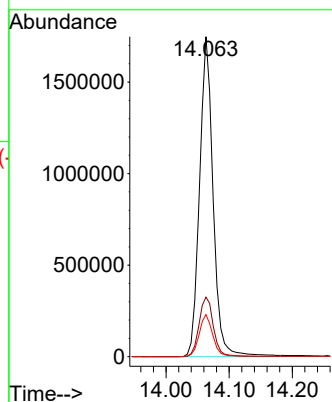
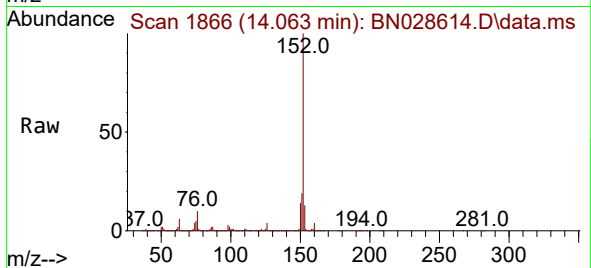
Tgt Ion:152 Resp: 2610489

Ion Ratio Lower Upper

152 100

151 18.6 15.8 23.8

153 13.1 10.4 15.6



#51

3-Nitroaniline

Concen: 29.966 ng/ul

RT: 14.269 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

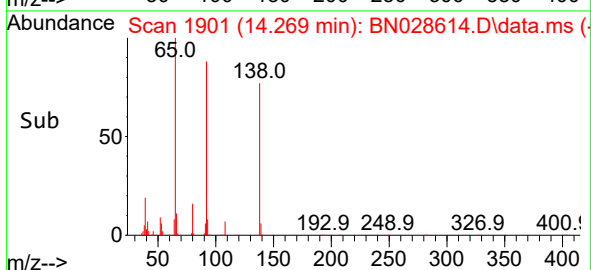
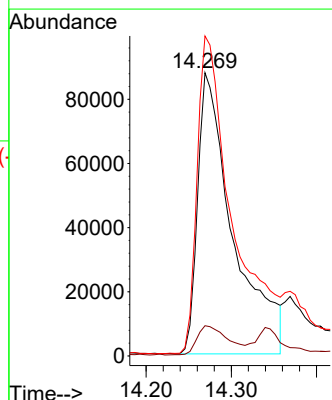
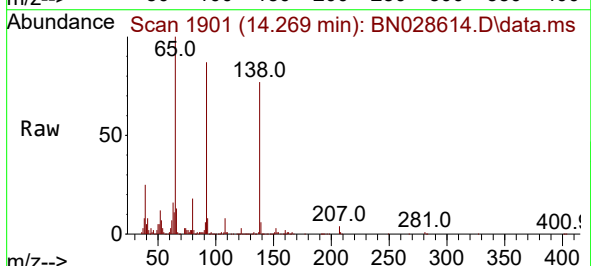
Tgt Ion:138 Resp: 252485

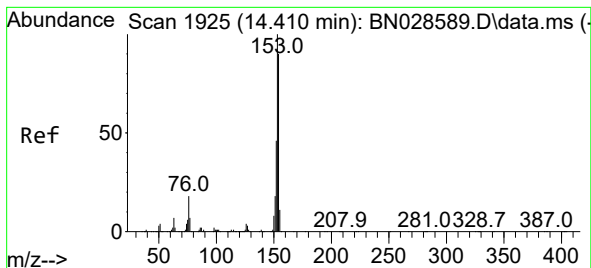
Ion Ratio Lower Upper

138 100

108 10.7 8.9 13.3

92 113.0 88.1 132.1





#52

Acenaphthene

Concen: 46.303 ng/ul

RT: 14.404 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

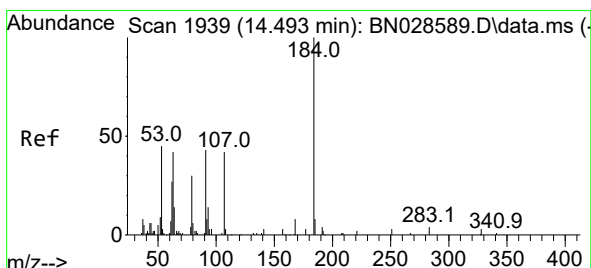
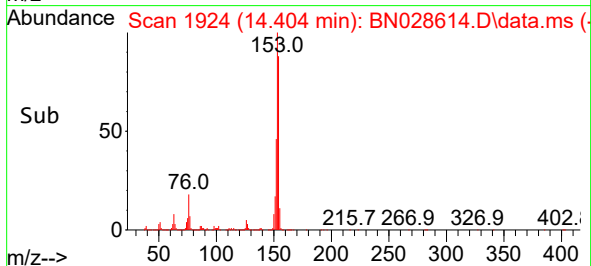
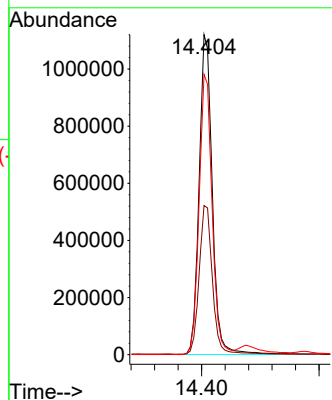
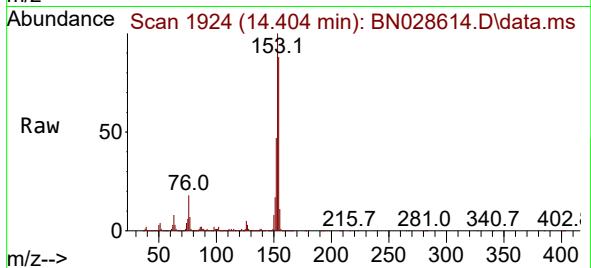
Tgt Ion:153 Resp: 1737061

Ion Ratio Lower Upper

153 100

152 46.6 37.3 55.9

154 87.6 72.2 108.4



#53

2,4-Dinitrophenol

Concen: 45.837 ng/ul

RT: 14.475 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

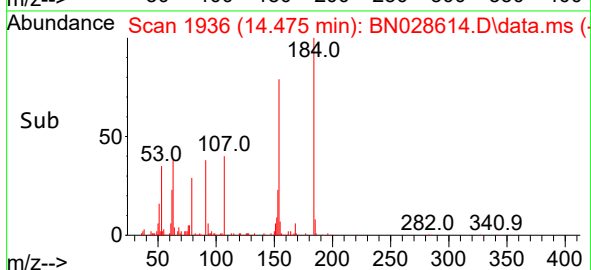
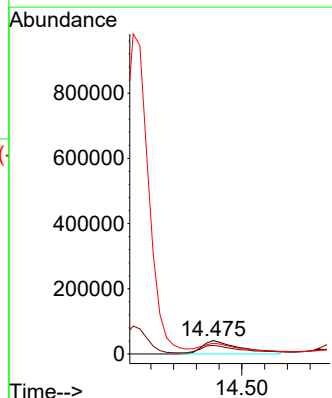
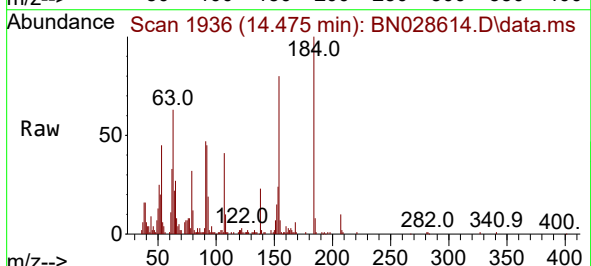
Tgt Ion:184 Resp: 96535

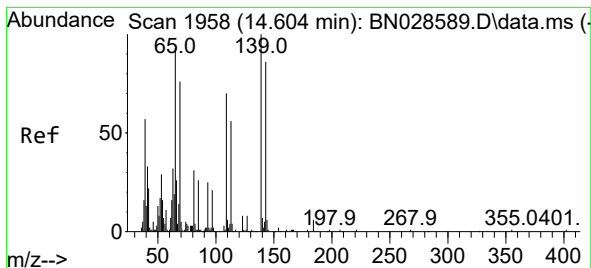
Ion Ratio Lower Upper

184 100

63 62.8 62.5 93.7

154 80.0 90.4 135.6#

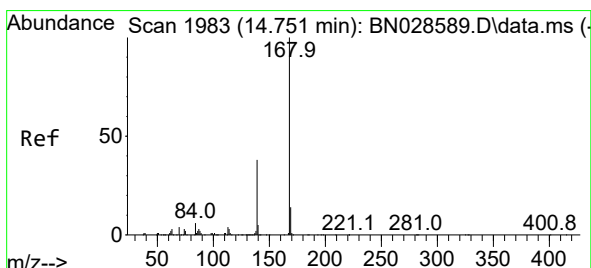
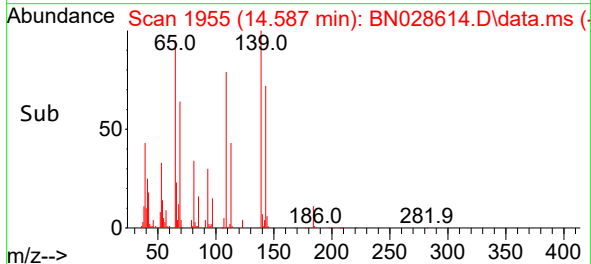
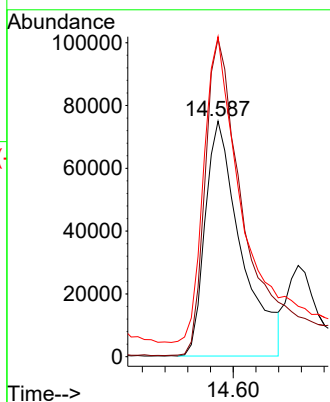
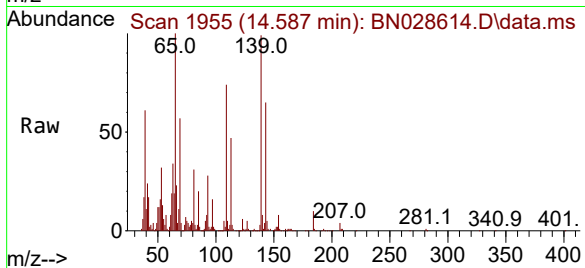




#55
4-Nitrophenol
Concen: 53.977 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.017 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

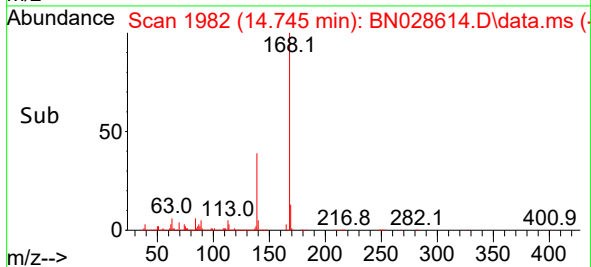
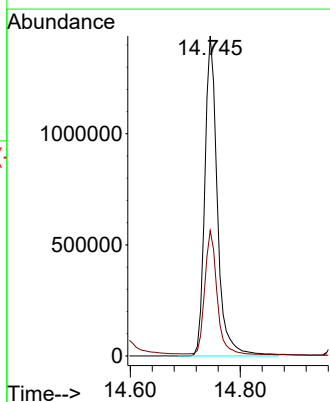
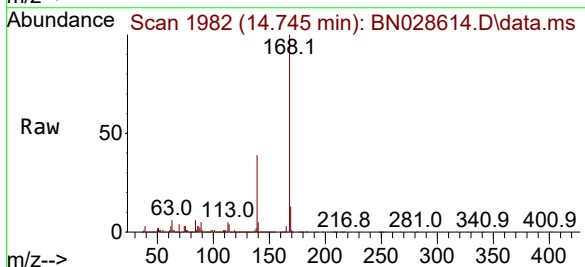
Instrument :
BNA_N
ClientSampleId :

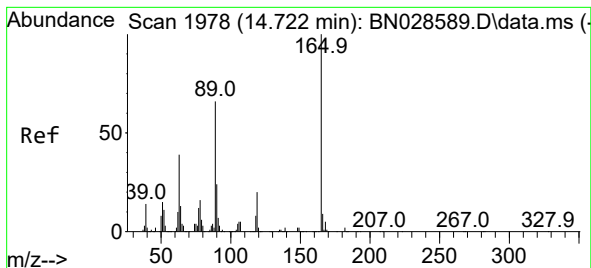
Tgt Ion:109 Resp: 164269
Ion Ratio Lower Upper
109 100
139 135.0 114.3 171.5
65 135.9 112.7 169.1



#56
Dibenzofuran
Concen: 45.685 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:168 Resp: 2286764
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.2





#57

2,4-Dinitrotoluene

Concen: 50.029 ng/ul

RT: 14.716 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

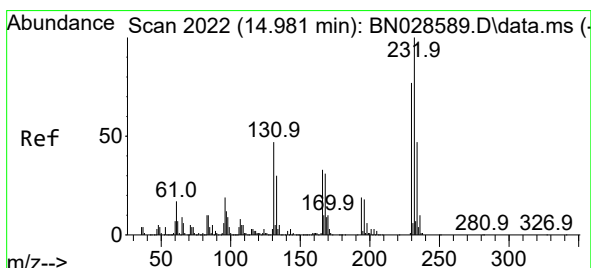
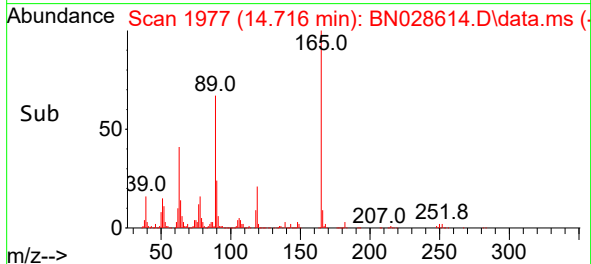
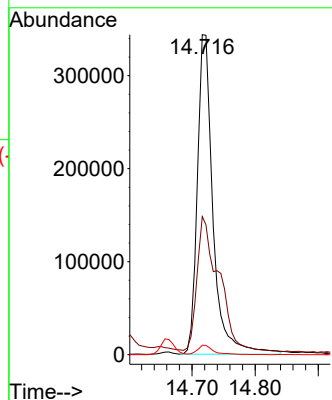
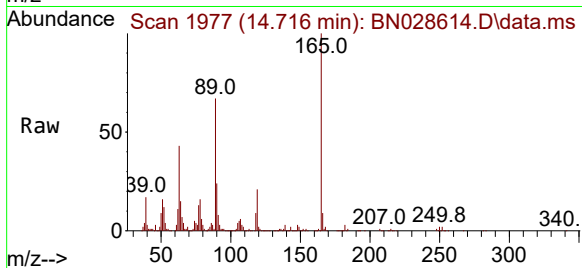
Tgt Ion:165 Resp: 591120

Ion Ratio Lower Upper

165 100

63 43.1 32.5 48.7

182 3.0 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.083 ng/ul

RT: 14.975 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Tgt Ion:232 Resp: 429772

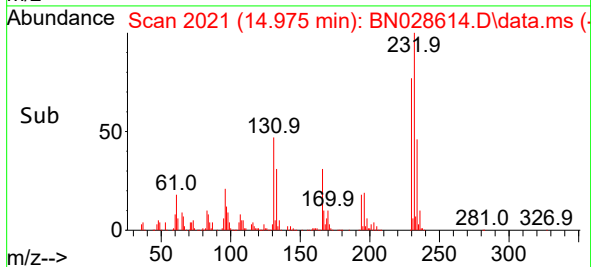
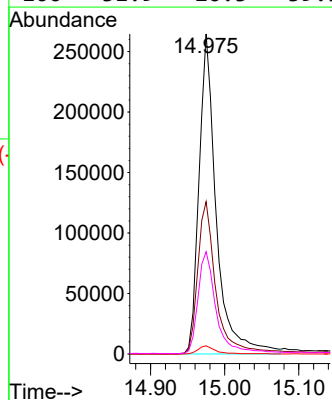
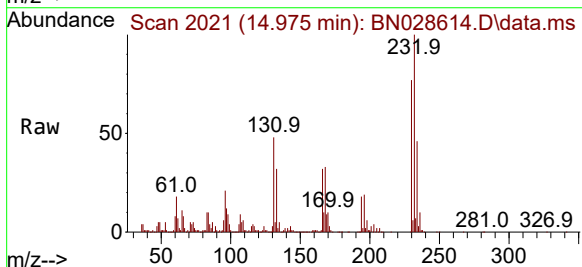
Ion Ratio Lower Upper

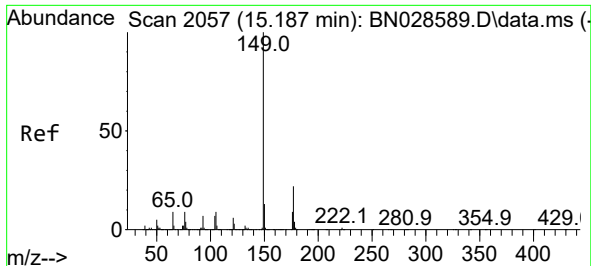
232 100

131 47.6 37.7 56.5

130 2.6 2.1 3.1

166 31.9 26.3 39.5

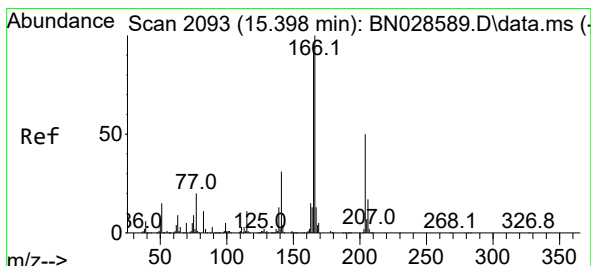
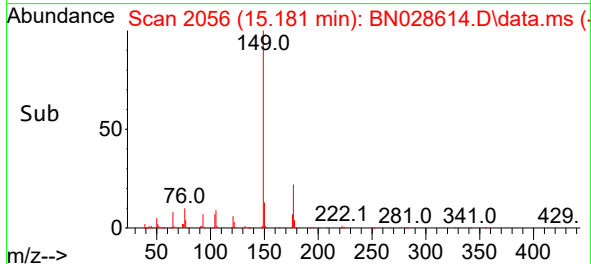
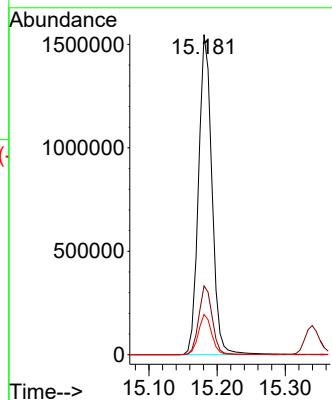
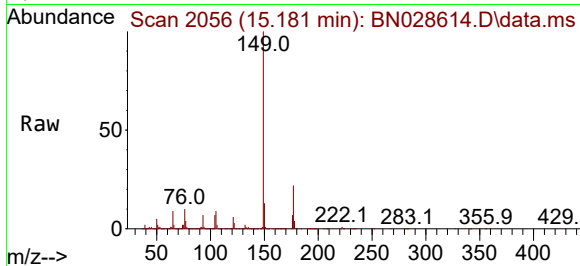




#59
Diethylphthalate
Concen: 47.532 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

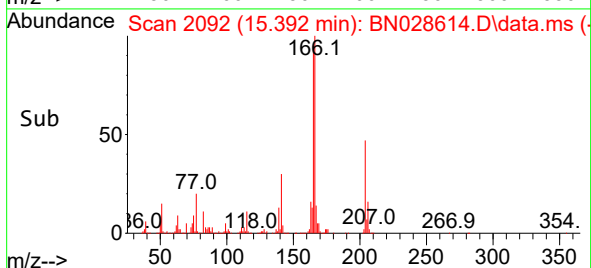
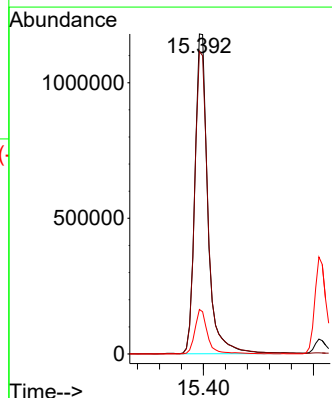
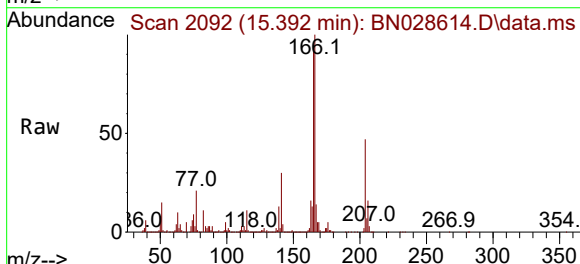
Instrument :
BNA_N
ClientSampleId :

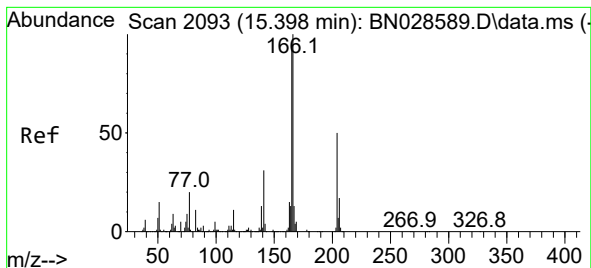
Tgt Ion:149 Resp: 2115642
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.5 10.4 15.6



#61
Fluorene
Concen: 46.257 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:166 Resp: 1929944
Ion Ratio Lower Upper
166 100
165 94.5 75.3 112.9
167 13.9 10.2 15.2

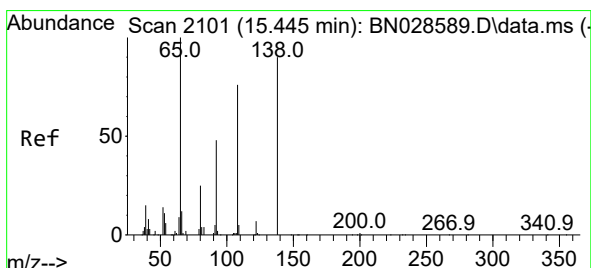
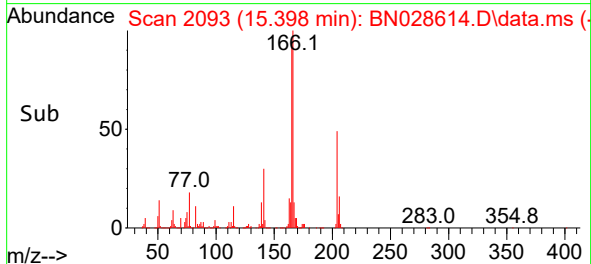
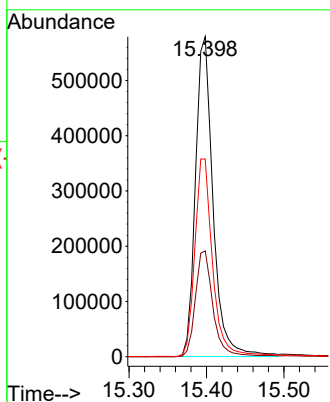
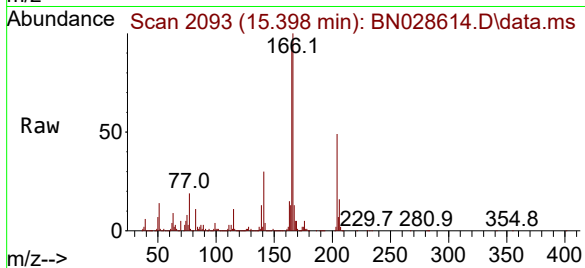




#62
4-Chlorophenyl-phenylether
Concen: 45.247 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

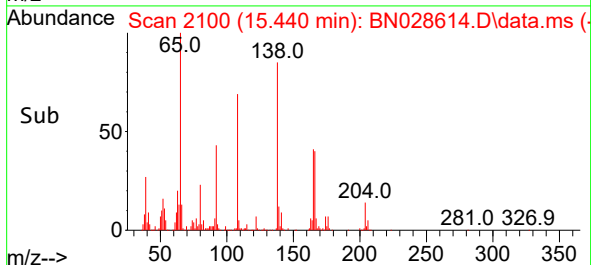
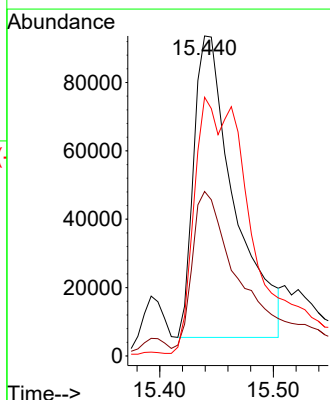
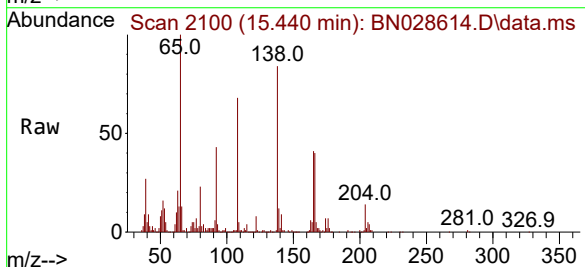
Instrument :
BNA_N
ClientSampleId :

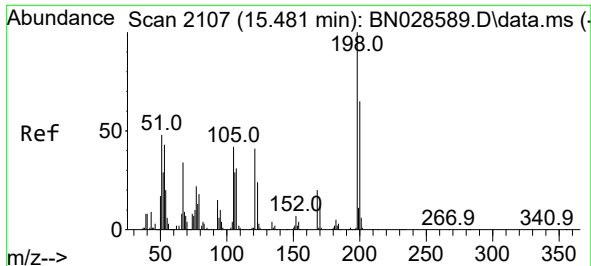
Tgt Ion:204 Resp: 913576
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 61.8 50.0 75.0



#63
4-Nitroaniline
Concen: 27.060 ng/ul
RT: 15.440 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:138 Resp: 218309
Ion Ratio Lower Upper
138 100
92 51.4 42.0 63.0
108 80.8 65.2 97.8

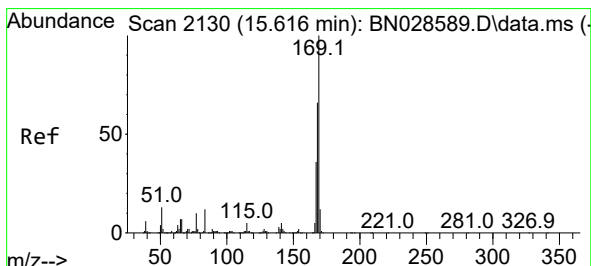
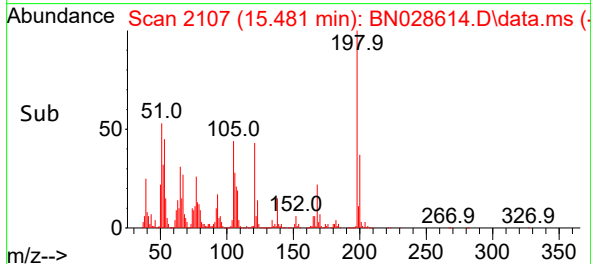
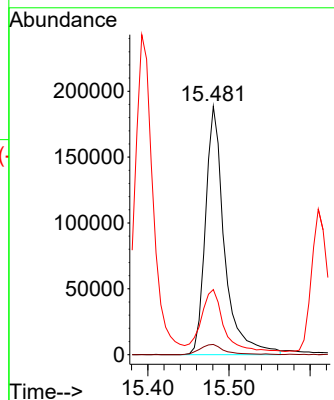
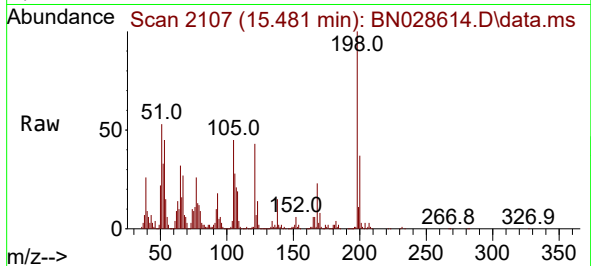




#66
 4,6-Dinitro-2-methylphenol
 Concen: 50.860 ng/ul
 RT: 15.481 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN028614.D
 Acq: 14 Nov 2023 22:34

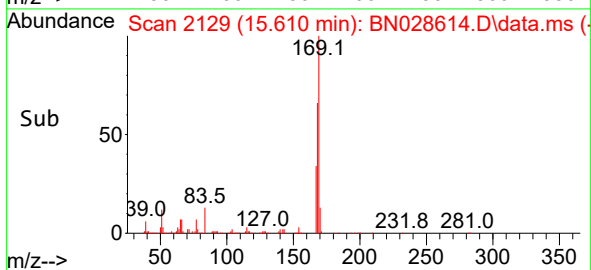
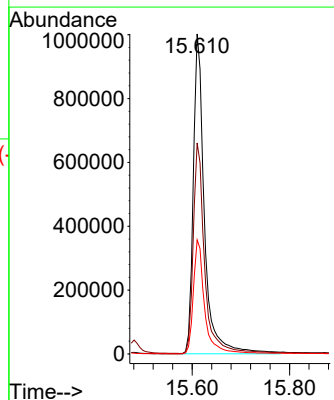
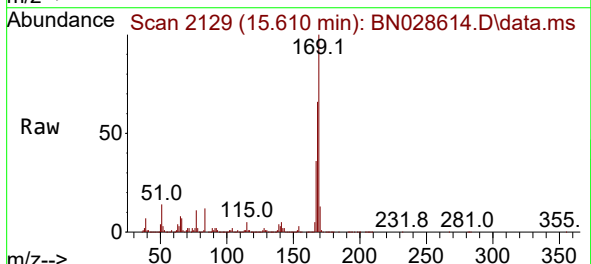
Instrument :
 BNA_N
 ClientSampleId :

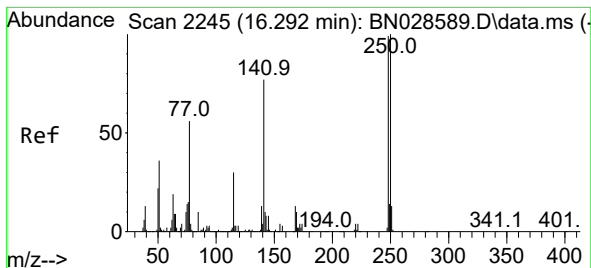
Tgt Ion:198 Resp: 306401
 Ion Ratio Lower Upper
 198 100
 182 4.1 4.3 6.5#
 77 26.2 23.4 35.2



#67
 N-Nitrosodiphenylamine
 Concen: 44.905 ng/ul
 RT: 15.610 min Scan# 2129
 Delta R.T. -0.006 min
 Lab File: BN028614.D
 Acq: 14 Nov 2023 22:34

Tgt Ion:169 Resp: 1606972
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.1 79.7
 167 35.6 28.6 42.8

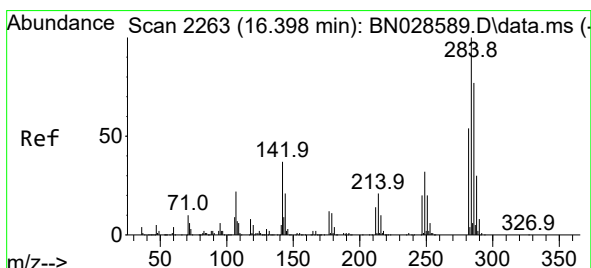
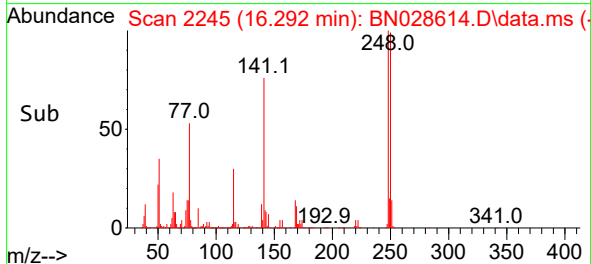
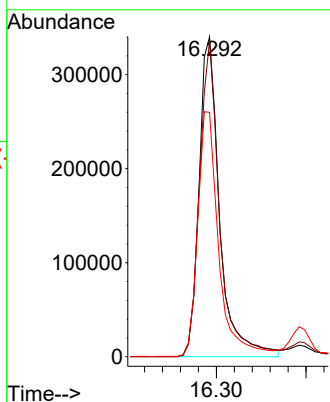
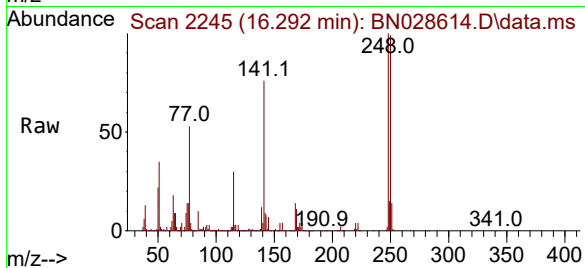




#68
4-Bromophenyl-phenylether
Concen: 43.634 ng/ul
RT: 16.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

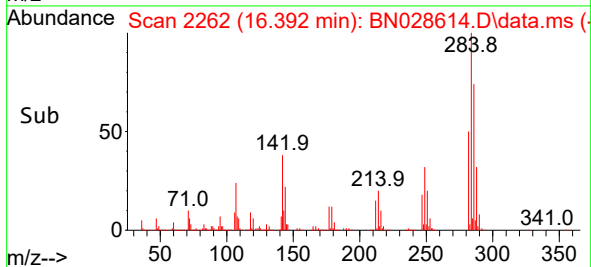
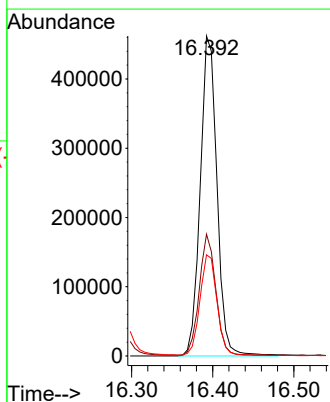
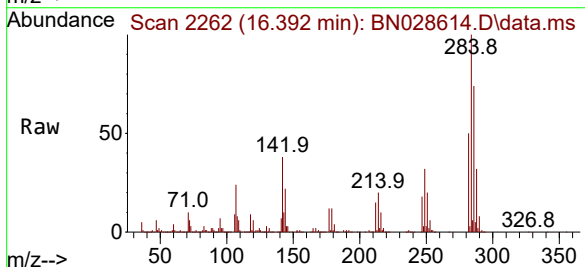
Instrument :
BNA_N
ClientSampleId :

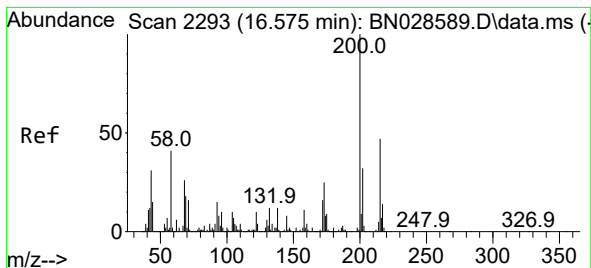
Tgt Ion:248 Resp: 541100
Ion Ratio Lower Upper
248 100
250 98.8 80.7 121.1
141 76.3 62.2 93.4



#69
Hexachlorobenzene
Concen: 45.363 ng/ul
RT: 16.392 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:284 Resp: 660643
Ion Ratio Lower Upper
284 100
142 38.1 29.7 44.5
249 31.6 25.6 38.4





#70

Atrazine

Concen: 34.641 ng/ul

RT: 16.569 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

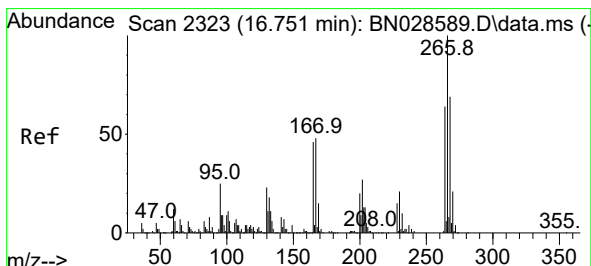
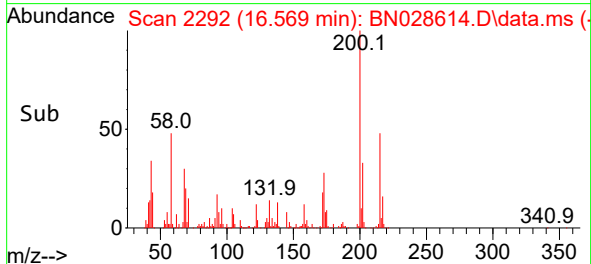
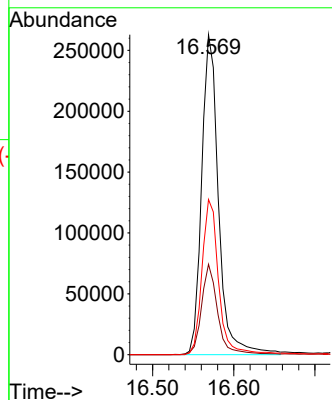
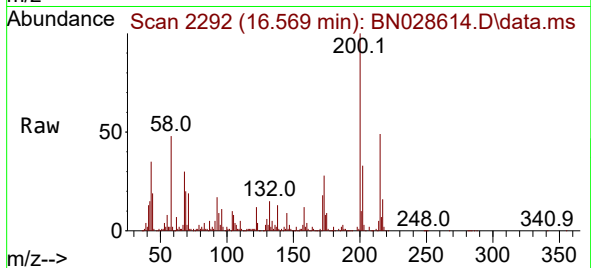
Tgt Ion:200 Resp: 379676

Ion Ratio Lower Upper

200 100

173 28.3 20.0 30.0

215 48.5 37.6 56.4



#71

Pentachlorophenol

Concen: 49.161 ng/ul

RT: 16.745 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

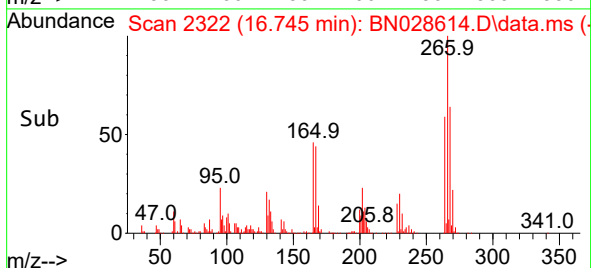
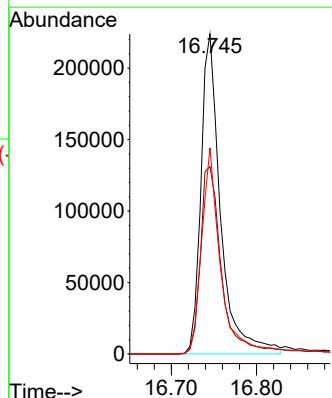
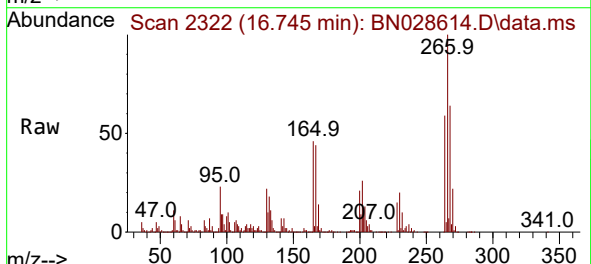
Tgt Ion:266 Resp: 359103

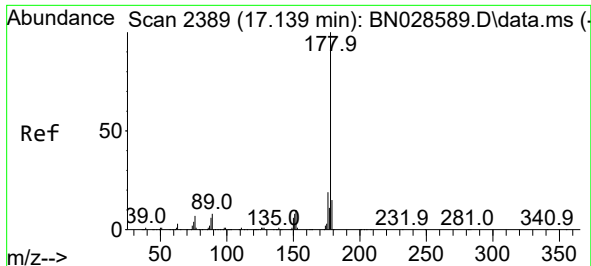
Ion Ratio Lower Upper

266 100

264 58.6 50.9 76.3

268 64.4 55.3 82.9

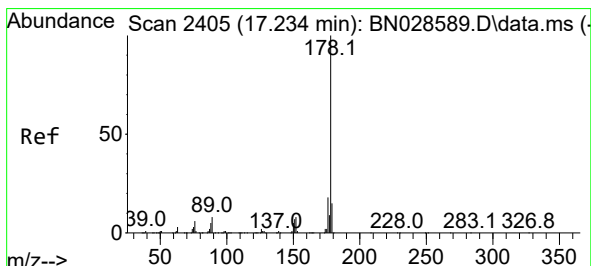
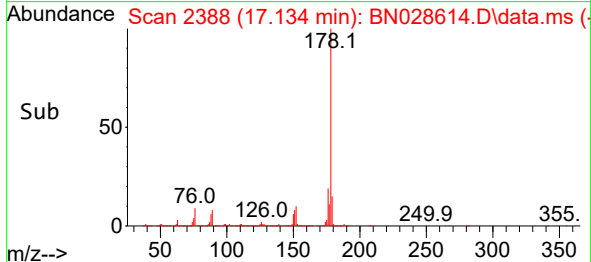
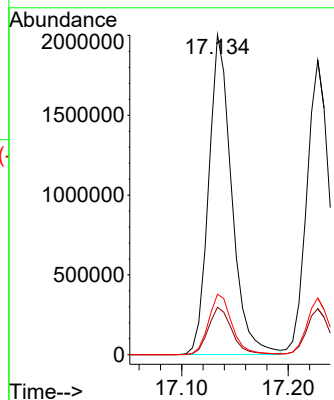
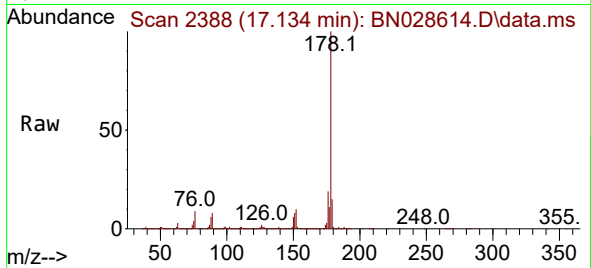




#72
Phenanthrene
Concen: 46.253 ng/ul
RT: 17.134 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

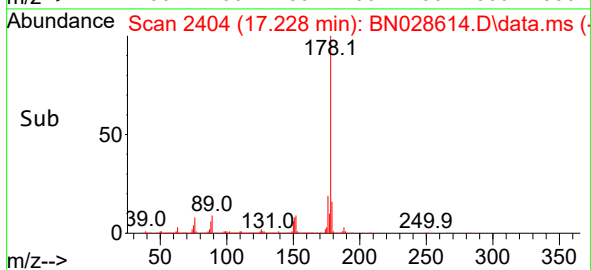
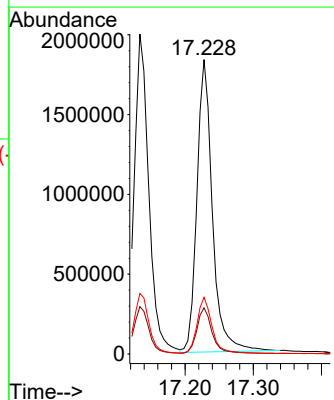
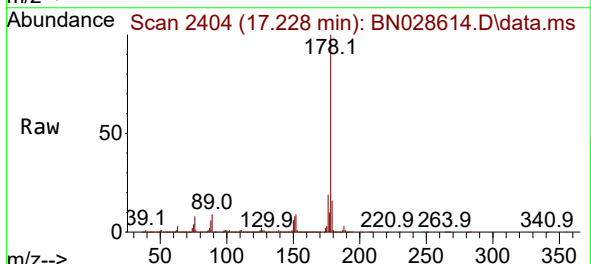
Instrument :
BNA_N
ClientSampleId :

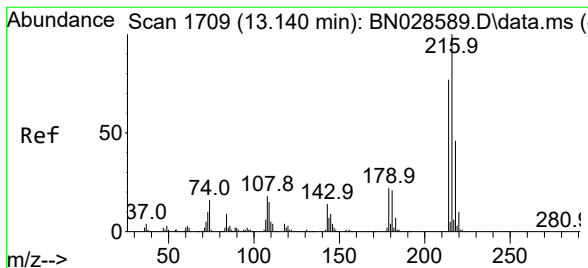
Tgt Ion:178 Resp: 3008834
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 18.9 15.4 23.2



#74
Anthracene
Concen: 42.647 ng/ul
RT: 17.228 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:178 Resp: 2897540
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 19.3 14.3 21.5

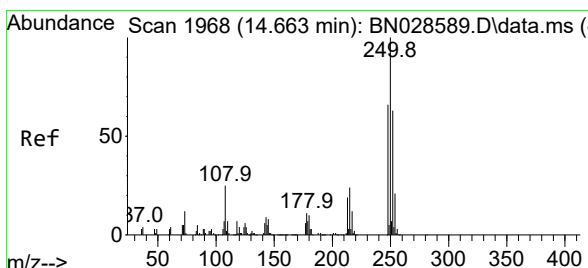
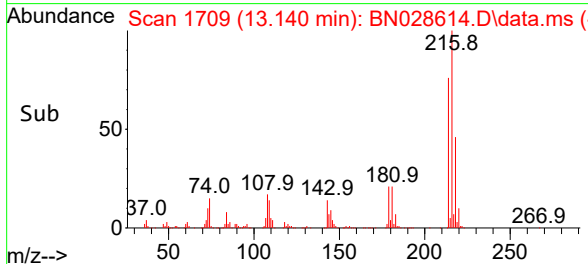
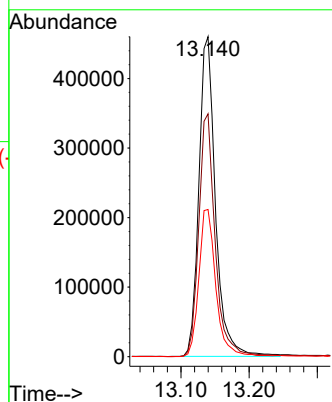
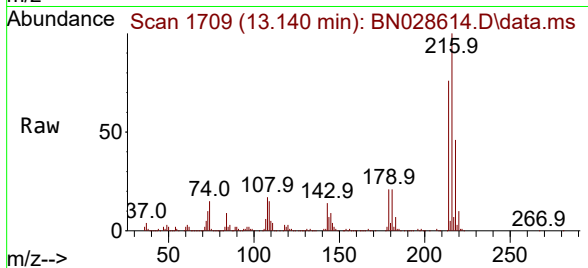




#75
1,2,3,4-Tetrachlorobenzene
Concen: 43.823 ng/uL
RT: 13.140 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

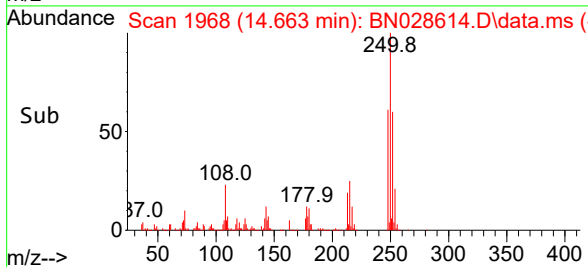
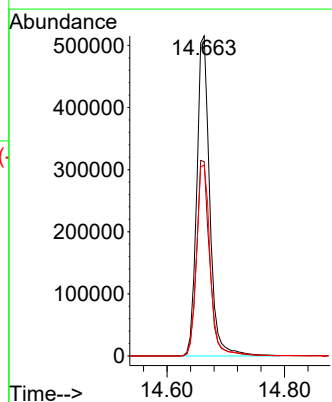
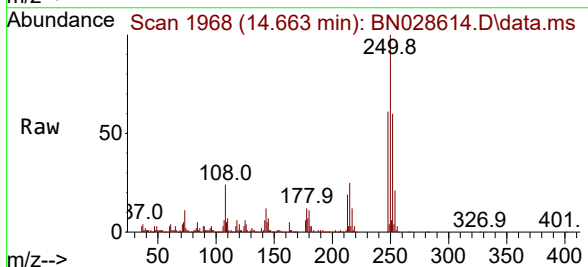
Instrument :
BNA_N
ClientSampleId :

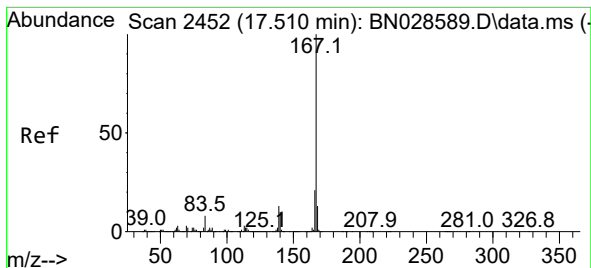
Tgt Ion:216 Resp: 778364
Ion Ratio Lower Upper
216 100
214 75.9 61.4 92.2
218 46.0 37.0 55.6



#76
Pentachlorobenzene
Concen: 45.298 ng/uL
RT: 14.663 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:250 Resp: 788423
Ion Ratio Lower Upper
250 100
248 60.8 53.0 79.4
252 59.6 50.4 75.6





#77

Carbazole

Concen: 46.135 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

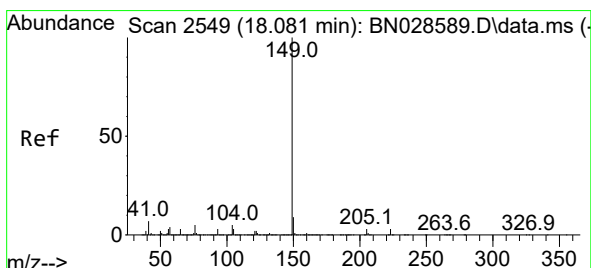
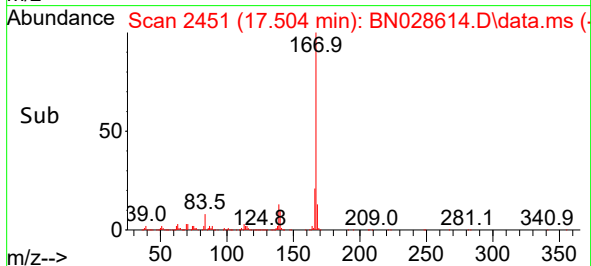
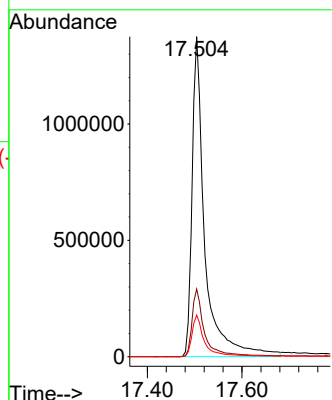
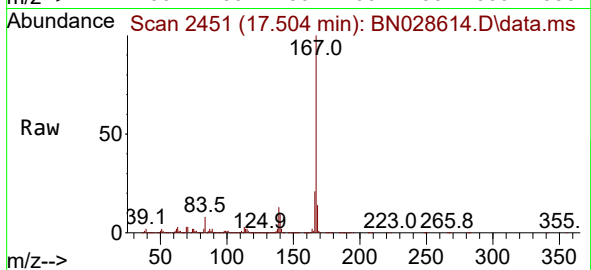
Tgt Ion:167 Resp: 2567747

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 47.879 ng/ul

RT: 18.081 min Scan# 2549

Delta R.T. -0.000 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

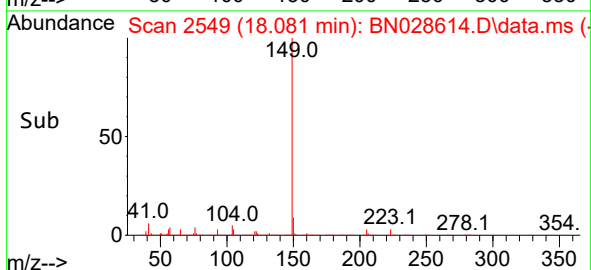
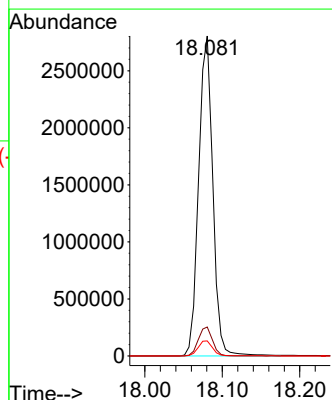
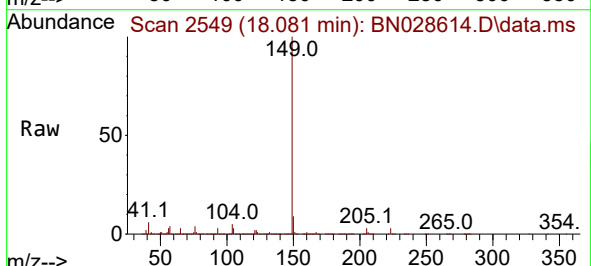
Tgt Ion:149 Resp: 3560050

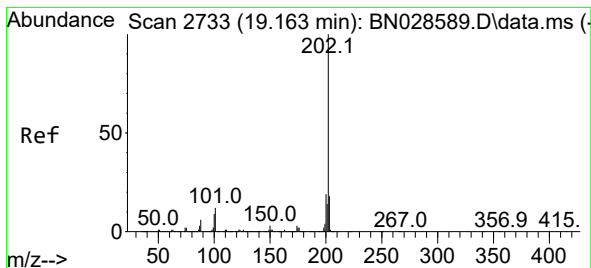
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.7 3.9 5.9





#80

Fluoranthene

Concen: 45.220 ng/ul

RT: 19.163 min Scan# 2733

Delta R.T. -0.000 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

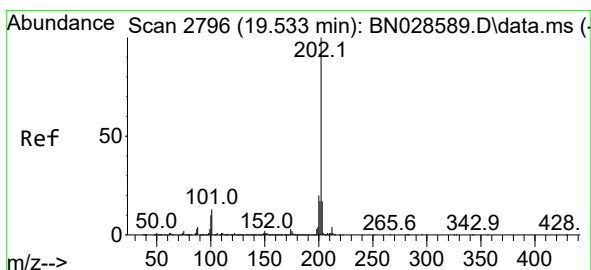
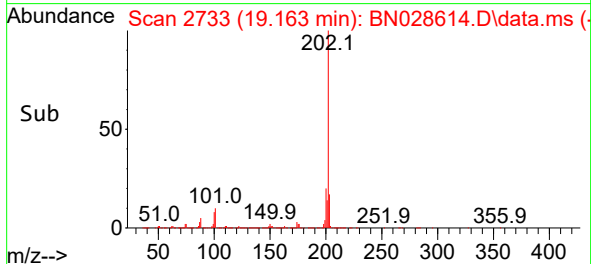
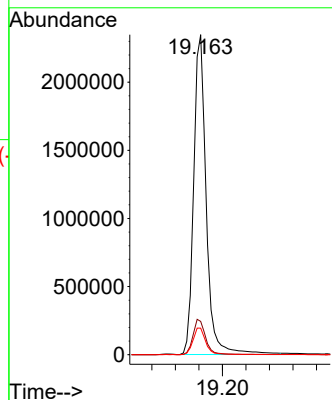
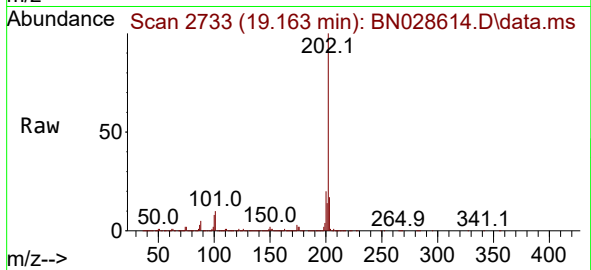
Tgt Ion:202 Resp: 3480304

Ion Ratio Lower Upper

202 100

101 10.4 9.4 14.0

100 8.3 7.1 10.7



#82

Pyrene

Concen: 44.934 ng/ul

RT: 19.528 min Scan# 2795

Delta R.T. -0.005 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

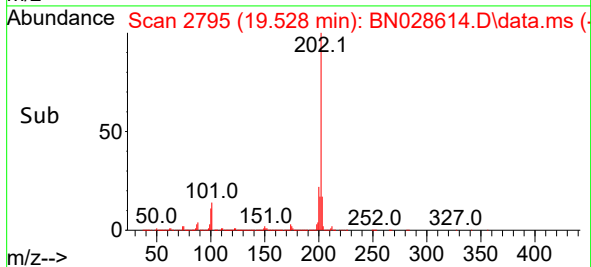
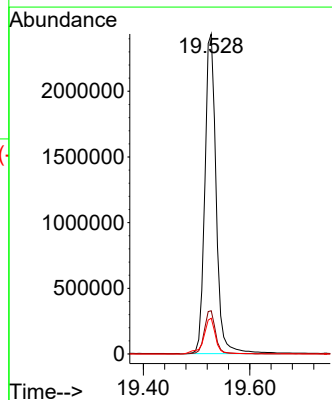
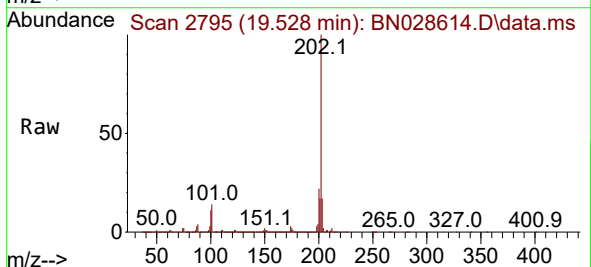
Tgt Ion:202 Resp: 3566943

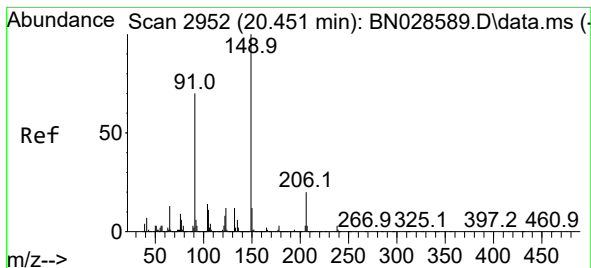
Ion Ratio Lower Upper

202 100

101 13.5 10.4 15.6

100 11.1 8.2 12.2





#83

Butylbenzylphthalate

Concen: 46.778 ng/ul

RT: 20.445 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

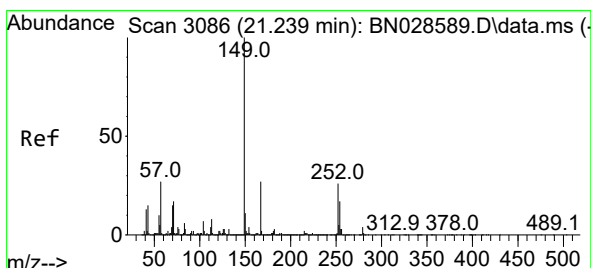
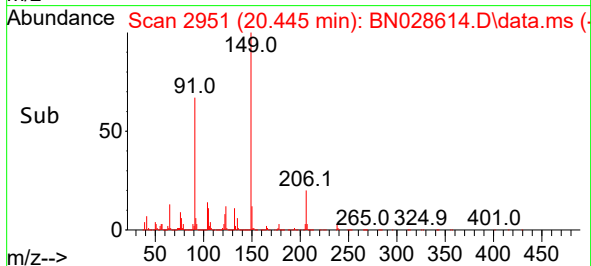
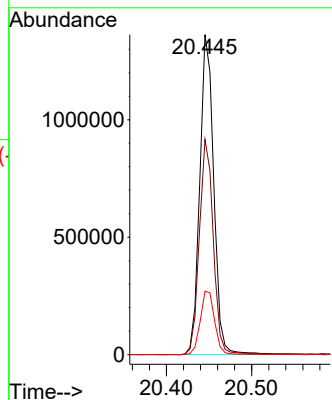
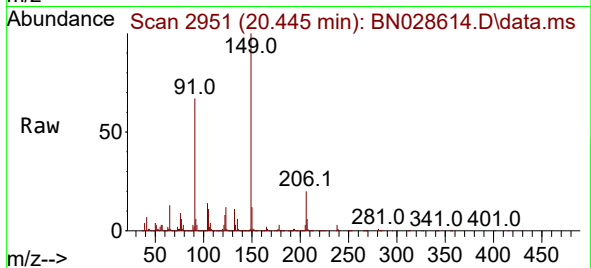
Tgt Ion:149 Resp: 1550593

Ion Ratio Lower Upper

149 100

91 67.2 55.9 83.9

206 19.9 15.9 23.9



#84

3,3'-Dichlorobenzidine

Concen: 38.583 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.012 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

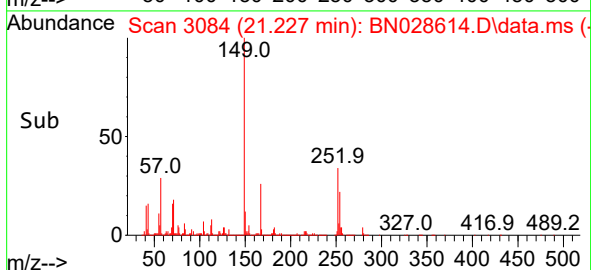
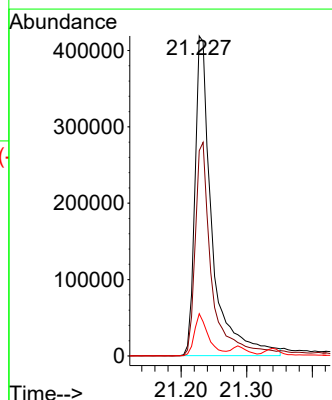
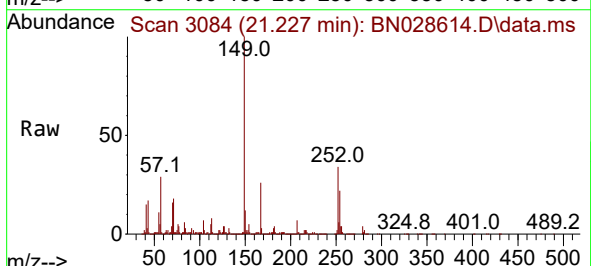
Tgt Ion:252 Resp: 762174

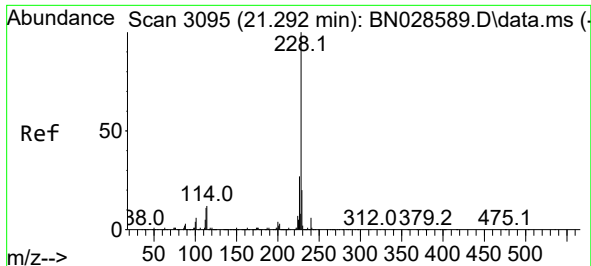
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.8

126 13.2 10.1 15.1

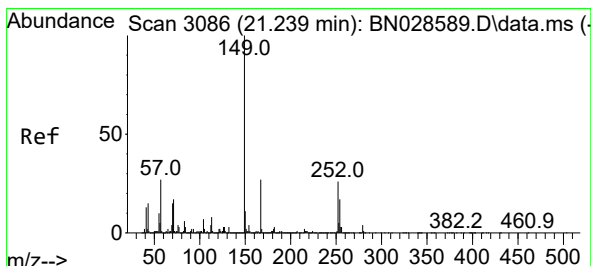
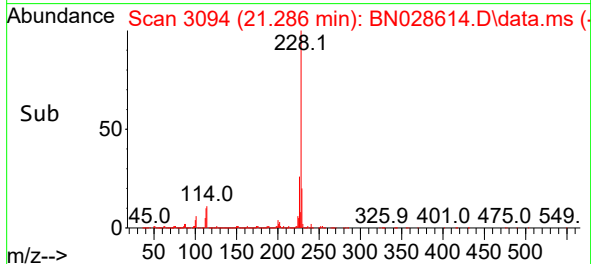
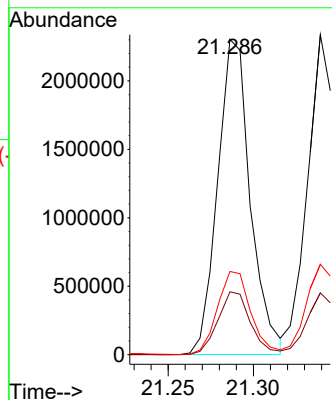
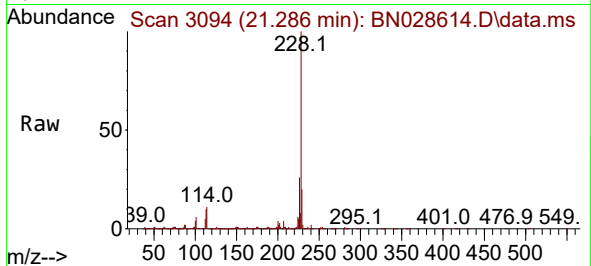




#85
Benzo(a)anthracene
Concen: 44.947 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

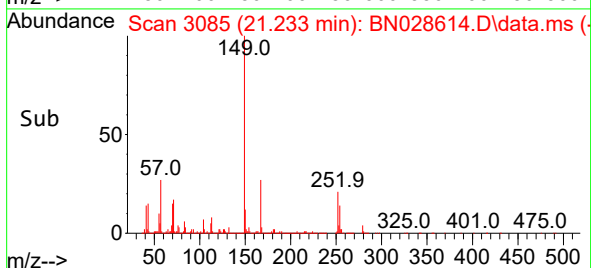
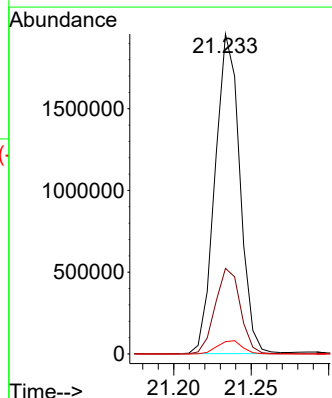
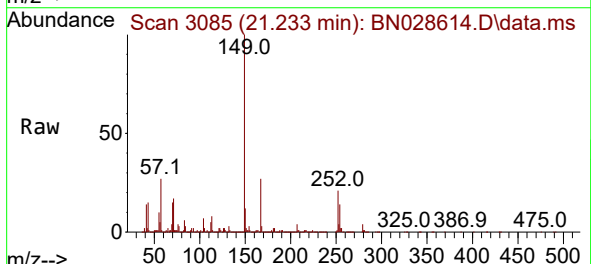
Instrument :
BNA_N
ClientSampleId :

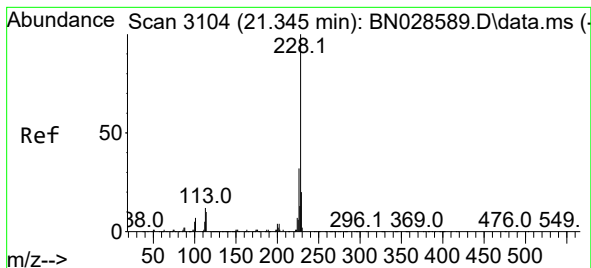
Tgt Ion:228 Resp: 3073169
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 26.4 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 46.715 ng/ul
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BN028614.D
Acq: 14 Nov 2023 22:34

Tgt Ion:149 Resp: 2176969
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 3.9 3.0 4.4





#87

Chrysene

Concen: 44.279 ng/ul

RT: 21.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

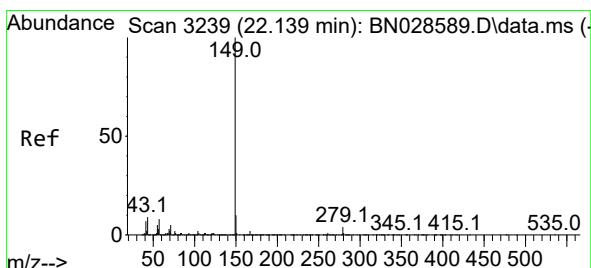
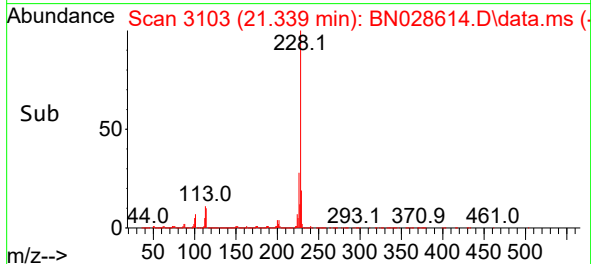
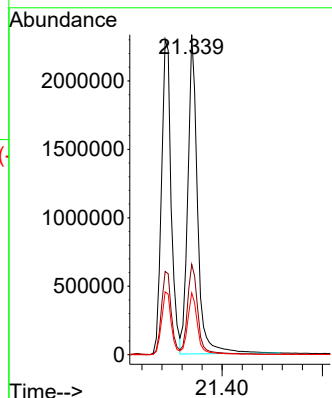
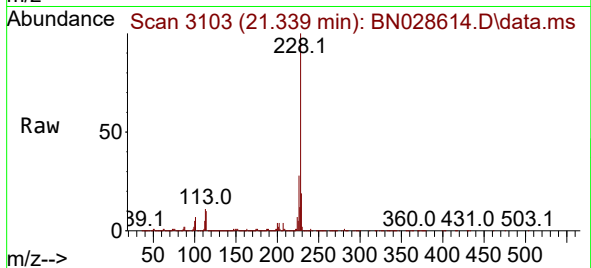
Tgt Ion:228 Resp: 3131557

Ion Ratio Lower Upper

228 100

226 28.3 25.1 37.7

229 19.3 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 54.158 ng/ul

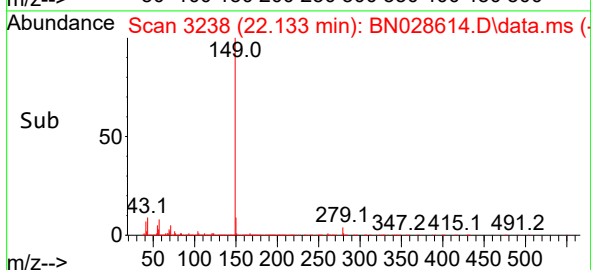
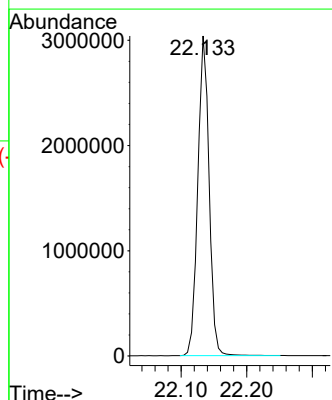
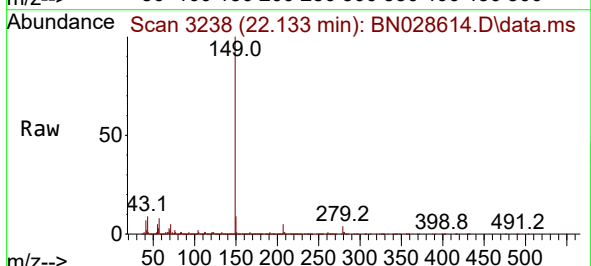
RT: 22.133 min Scan# 3238

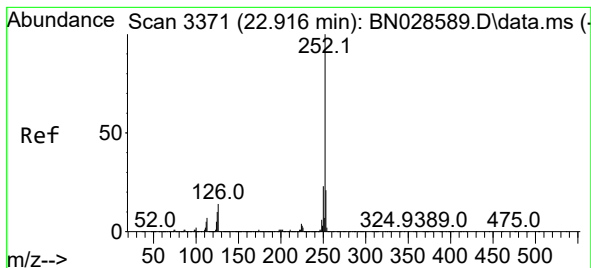
Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Tgt Ion:149 Resp: 3646919





#90

Benzo(b)fluoranthene

Concen: 51.630 ng/ul

RT: 22.910 min Scan# 3371

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

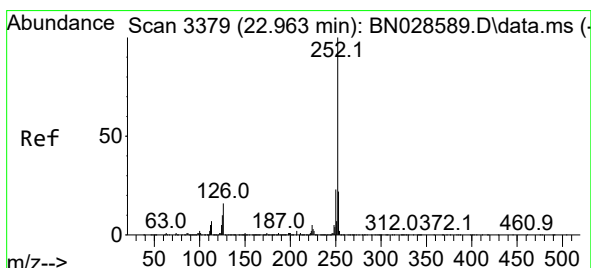
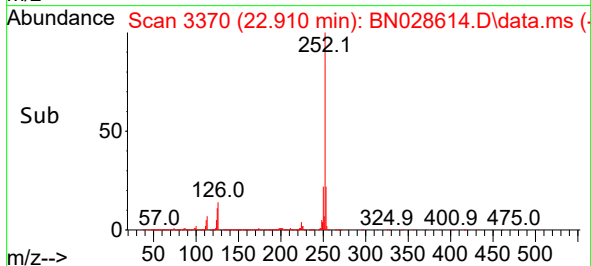
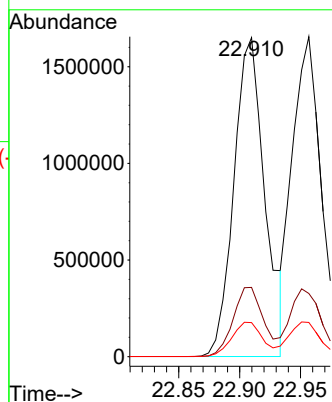
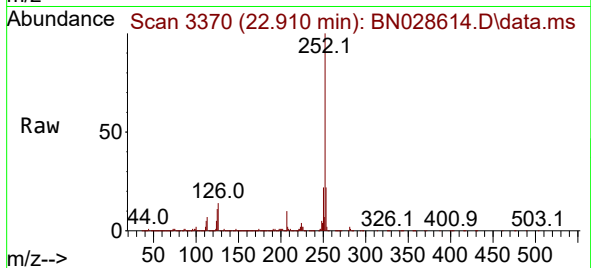
Tgt Ion:252 Resp: 2913730

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 10.7 8.6 12.8



#91

Benzo(k)fluoranthene

Concen: 45.573 ng/ul

RT: 22.957 min Scan# 3378

Delta R.T. -0.006 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

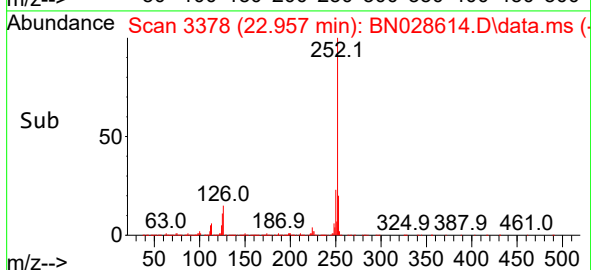
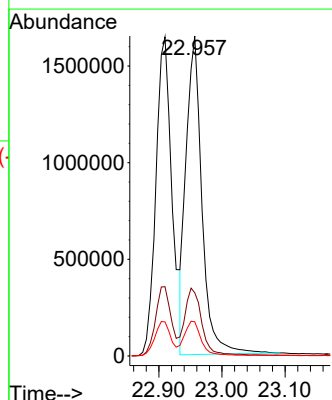
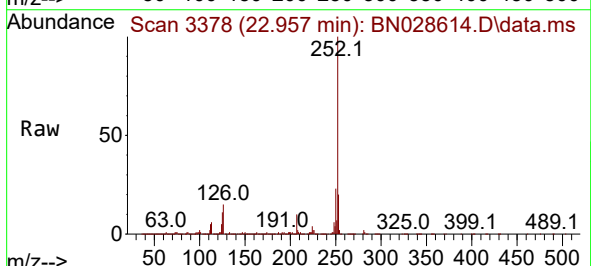
Tgt Ion:252 Resp: 2885212

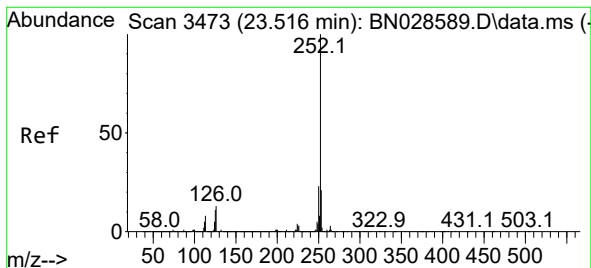
Ion Ratio Lower Upper

252 100

253 19.8 17.4 26.2

125 10.7 8.6 13.0





#93

Benzo(a)pyrene

Concen: 47.948 ng/ul

RT: 23.504 min Scan# 3473

Delta R.T. -0.012 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

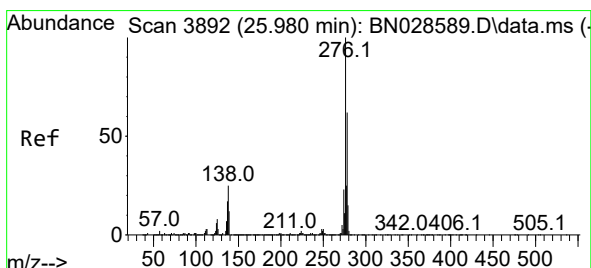
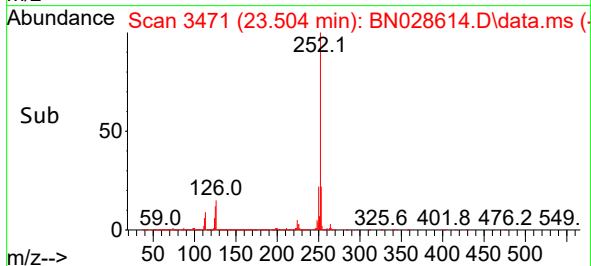
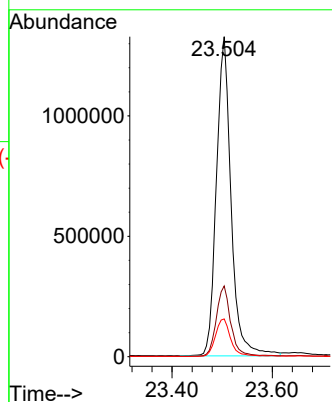
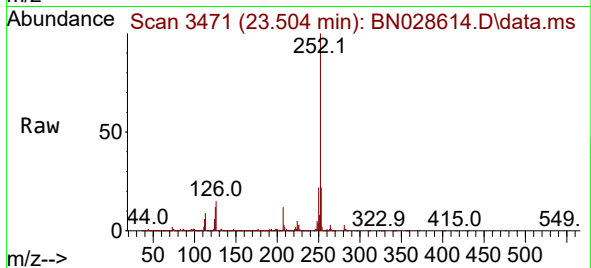
Tgt Ion:252 Resp: 2692618

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.8 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 45.121 ng/ul

RT: 25.963 min Scan# 3889

Delta R.T. -0.017 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

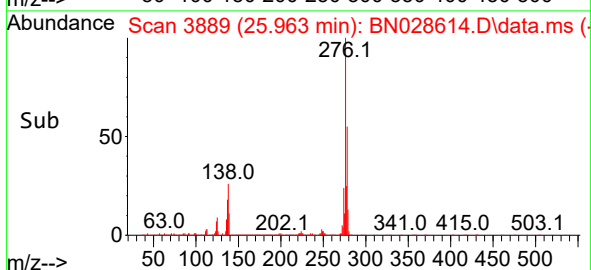
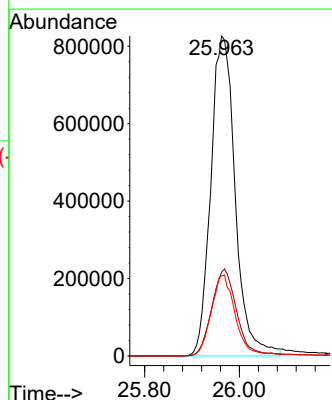
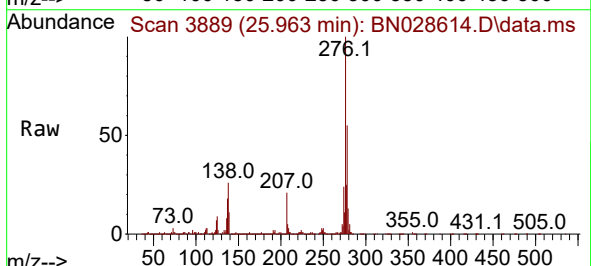
Tgt Ion:276 Resp: 2961235

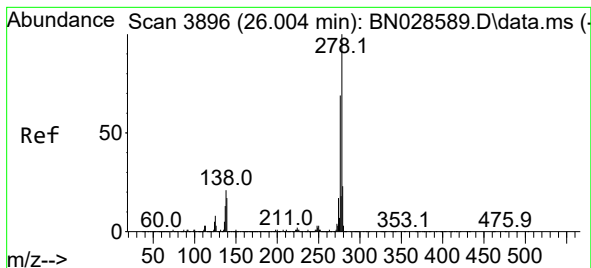
Ion Ratio Lower Upper

276 100

138 26.2 20.4 30.6

277 25.0 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 44.883 ng/ul

RT: 25.980 min Scan# 3896

Delta R.T. -0.024 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Instrument :

BNA_N

ClientSampleId :

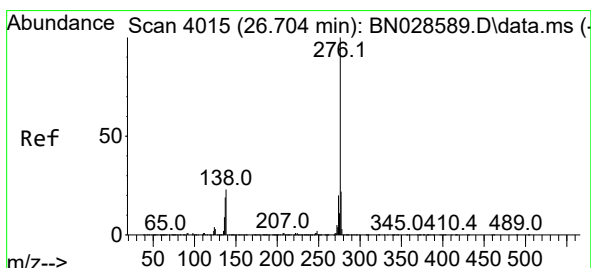
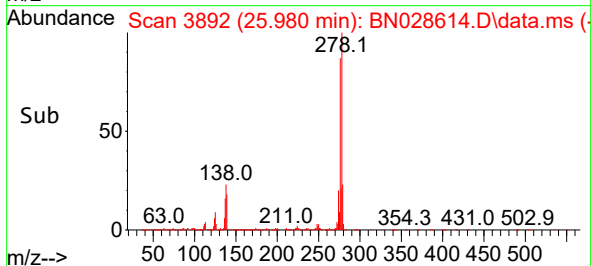
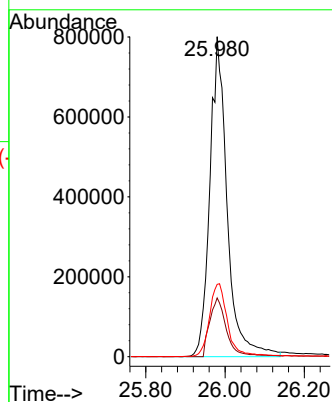
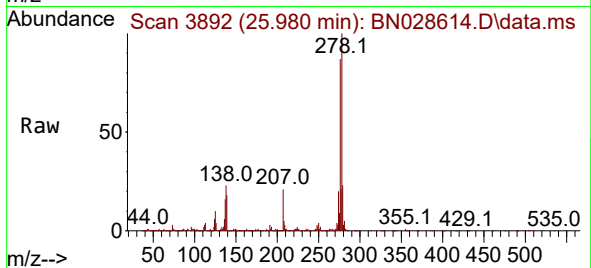
Tgt Ion:278 Resp: 2428378

Ion Ratio Lower Upper

278 100

139 18.3 13.4 20.2

279 22.6 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 46.981 ng/ul

RT: 26.692 min Scan# 4013

Delta R.T. -0.012 min

Lab File: BN028614.D

Acq: 14 Nov 2023 22:34

Tgt Ion:276 Resp: 2432950

Ion Ratio Lower Upper

276 100

138 22.3 18.5 27.7

277 23.0 17.3 25.9

