

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028608.D
 Acq On : 14 Nov 2023 18:23
 Operator : MA/JU
 Sample : PB156978BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 14 23:38:12 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	7.704	152	148931	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	853523	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	559405	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1131909	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	886017	20.000	ng/u1	0.00
88) Perylene-d12	23.604	264	848353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	34078	8.193	ng/uL	0.00
4) Pyridine-d5	3.558	84	347003	38.055	ng/u1	0.00
7) Phenol-d5	6.881	99	542411	38.124	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	344873	39.190	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	510005	41.017	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	460993	39.348	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	239812	31.293	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	233281	29.080	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	464390	34.047	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	628329	30.397	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1686034	33.427	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1913175	32.909	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	161472	30.209	ng/u1	-0.02
60) Fluorene-d10	15.339	176	1364175	32.805	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	217349	34.568	ng/u1	0.00
73) Anthracene-d10	17.192	188	2084498	32.991	ng/u1	0.00
81) Pyrene-d10	19.498	212	2324667	34.593	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	1858026	34.985	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	74238	16.712	ng/uL	100
5) Pyridine	3.575	79	378218	40.115	ng/u1	93
6) Benzaldehyde	6.852	77	150807	22.479	ng/u1	94
8) Phenol	6.904	94	612073	43.242	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	476977	39.703	ng/u1	99
12) 2-Chlorophenol	7.263	128	507218	40.999	ng/u1	99
13) 2-Methylphenol	8.152	108	423357	37.326	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.228	45	884511	47.691	ng/u1	99
16) Acetophenone	8.528	105	776246	40.297	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.510	70	435384	43.337	ng/u1	98
18) 4-Methylphenol	8.487	108	477457	39.202	ng/u1	94
19) Hexachloroethane	8.763	117	247162	43.496	ng/u1	93
22) Nitrobenzene	8.904	77	524893	32.004	ng/u1	97
23) Isophorone	9.422	82	1322130	36.151	ng/u1	99
25) 2-Nitrophenol	9.610	139	246238	29.185	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	487460	29.484	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	688729	32.609	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	455737	33.769	ng/u1	99
30) Naphthalene	10.540	128	1830986	33.502	ng/u1	99
32) 4-Chloroaniline	10.663	127	531739	27.438	ng/u1	99
33) Hexachlorobutadiene	10.822	225	347345	34.345	ng/u1	99
34) Caprolactam	11.434	113	169975	37.216	ng/u1	91
35) 4-Chloro-3-methylphenol	11.798	107	518670	35.236	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	1257567	34.753	ng/u1	93

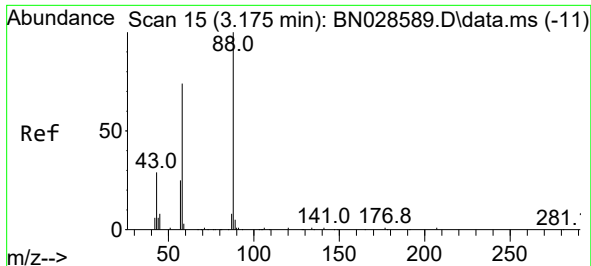
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1283468	34.332	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	638568	33.599	ng/ul	93
40) Hexachlorocyclopentadiene	12.504	237	344847	36.032	ng/ul	96
41) 2,4,6-Trichlorophenol	12.775	196	385272	34.583	ng/ul	94
42) 2,4,5-Trichlorophenol	12.851	196	384466	28.887	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	1655282	33.571	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1319761	33.549	ng/ul	99
45) 2-Nitroaniline	13.439	65	299445	29.802	ng/ul	95
47) Dimethylphthalate	13.816	163	1770520	35.407	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	346415	35.083	ng/ul	99
50) Acenaphthylene	14.063	152	2320543	35.434	ng/ul	99
51) 3-Nitroaniline	14.275	138	202499	20.921	ng/ul	99
52) Acenaphthene	14.404	153	1523064	35.340	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	60010	24.804	ng/ul	94
55) 4-Nitrophenol	14.586	109	110845	31.705	ng/ul	96
56) Dibenzofuran	14.745	168	1988013	34.573	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	484624	35.704	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.975	232	374476	34.954	ng/ul	96
59) Diethylphthalate	15.181	149	1819711	35.589	ng/ul	99
61) Fluorene	15.392	166	1651889	34.465	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.398	204	806862	34.787	ng/ul	99
63) 4-Nitroaniline	15.445	138	205803	22.206	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	251462	38.277	ng/ul#	93
67) N-Nitrosodiphenylamine	15.616	169	1377505	35.299	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	457034	33.797	ng/ul	99
69) Hexachlorobenzene	16.398	284	574244	36.158	ng/ul	96
70) Atrazine	16.569	200	443032	37.068	ng/ul	98
71) Pentachlorophenol	16.745	266	300190	37.686	ng/ul	95
72) Phenanthrene	17.133	178	2524655	35.589	ng/ul	99
74) Anthracene	17.227	178	2475202	33.408	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	677236	34.965	ng/ul	98
76) Pentachlorobenzene	14.663	250	673813	35.500	ng/ul	98
77) Carbazole	17.504	167	2130764	35.107	ng/ul	98
78) Di-n-butylphthalate	18.080	149	2918838	35.998	ng/ul	100
80) Fluoranthene	19.163	202	2810756	35.751	ng/ul	99
82) Pyrene	19.527	202	2946012	36.330	ng/ul	99
83) Butylbenzylphthalate	20.451	149	1190795	35.167	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.233	252	642081	31.819	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2470540	35.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1711453	35.952	ng/ul	99
87) Chrysene	21.345	228	2498343	34.581	ng/ul	97
89) Di-n-octyl phthalate	22.133	149	2853629	38.981	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	2263763	36.898	ng/ul	97
91) Benzo(k)fluoranthene	22.957	252	2412668	35.055	ng/ul	97
93) Benzo(a)pyrene	23.509	252	2217932	36.330	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	2563757	35.933	ng/ul	99
95) Dibenzo(a,h)anthracene	25.986	278	2092145	35.570	ng/ul	96
96) Benzo(g,h,i)perylene	26.692	276	2093947	37.194	ng/ul	98

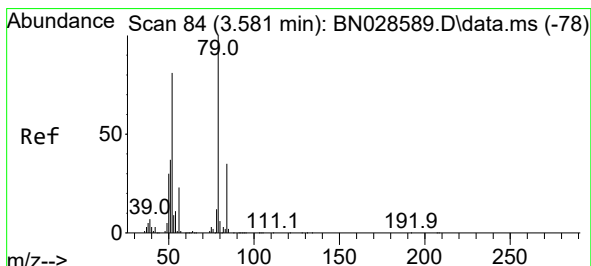
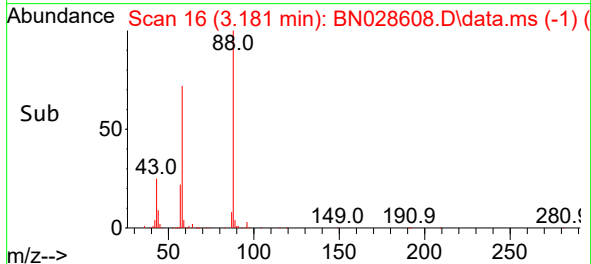
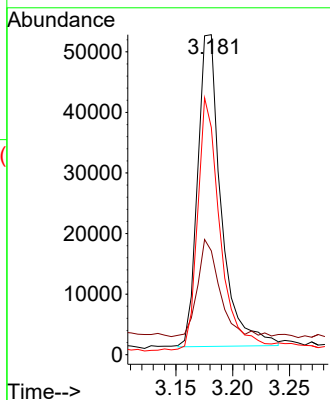
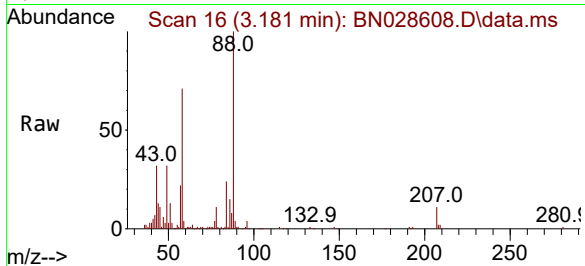
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#2
1,4-Dioxane
Concen: 16.712 ng/uL
RT: 3.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

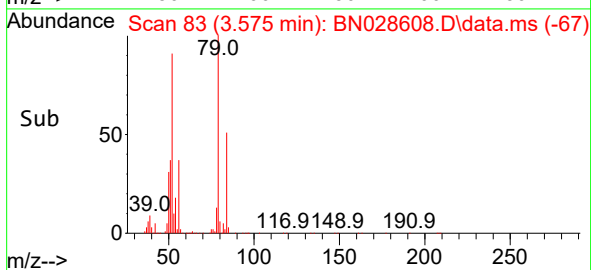
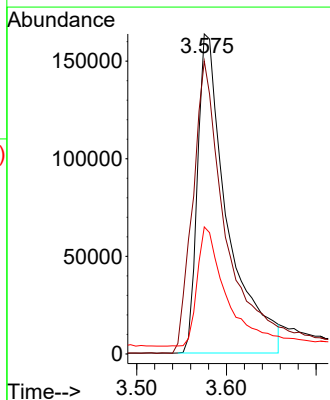
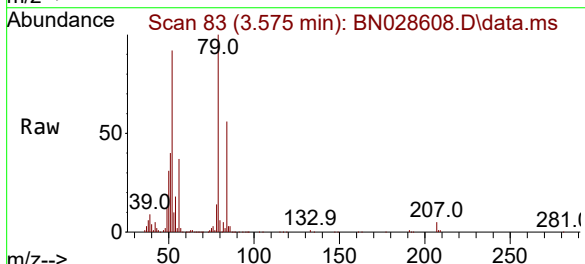
Instrument :
BNA_N
ClientSampleId :

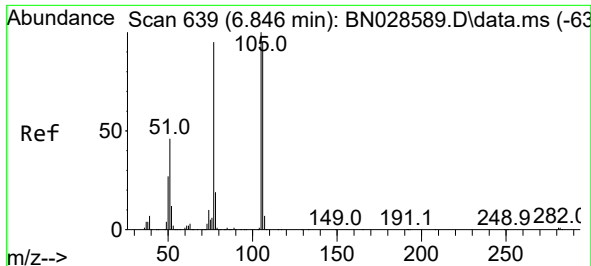
Tgt Ion: 88 Resp: 74238
Ion Ratio Lower Upper
88 100
43 32.4 25.3 37.9
58 71.0 56.8 85.2



#5
Pyridine
Concen: 40.115 ng/uL
RT: 3.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion: 79 Resp: 378218
Ion Ratio Lower Upper
79 100
52 91.5 65.8 98.6
51 39.7 32.0 48.0

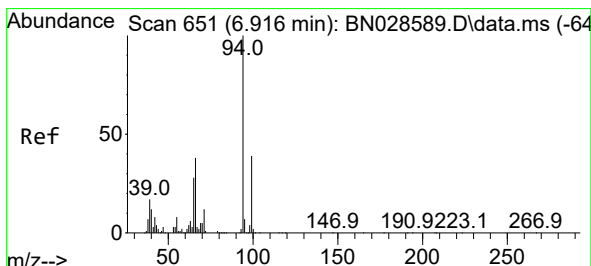
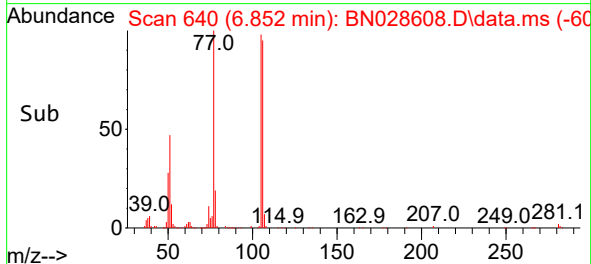
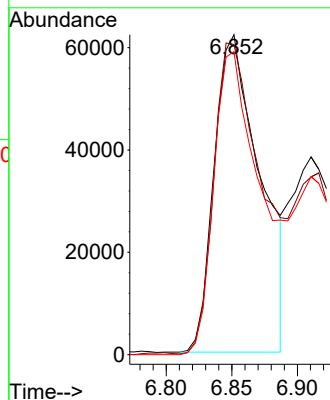
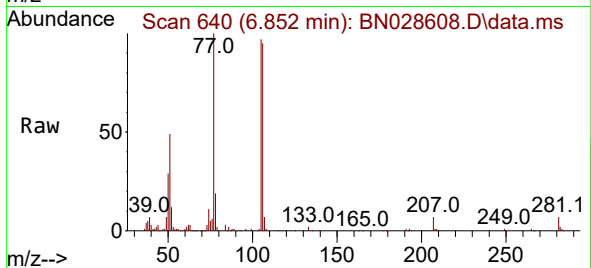




#6
Benzaldehyde
Concen: 22.479 ng/ul
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

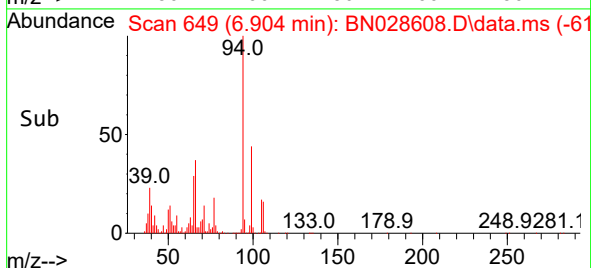
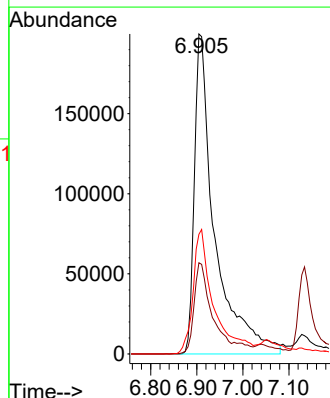
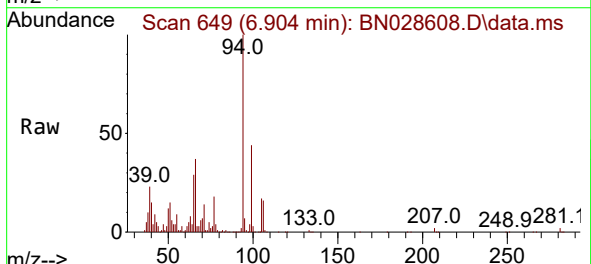
Instrument :
BNA_N
ClientSampleId :

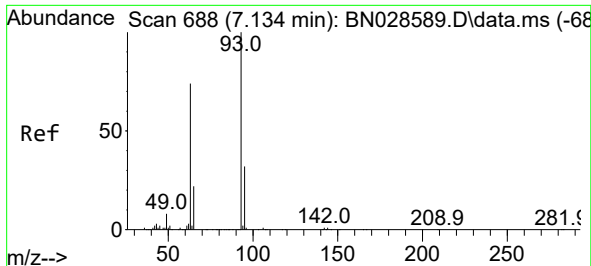
Tgt Ion: 77 Resp: 150807
Ion Ratio Lower Upper
77 100
105 97.0 83.5 125.3
106 94.7 78.6 118.0



#8
Phenol
Concen: 43.242 ng/ul
RT: 6.904 min Scan# 649
Delta R.T. -0.012 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

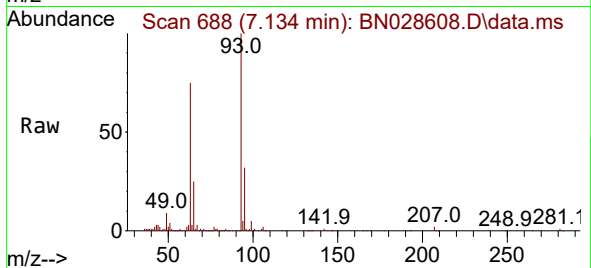
Tgt Ion: 94 Resp: 612073
Ion Ratio Lower Upper
94 100
65 28.5 22.2 33.2
66 37.4 30.0 45.0



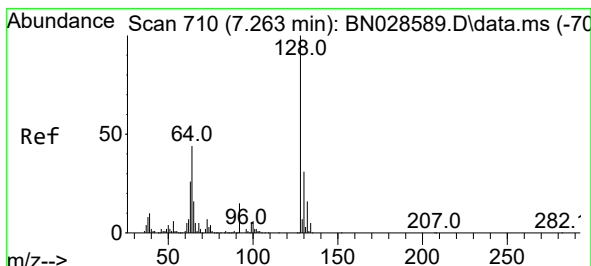
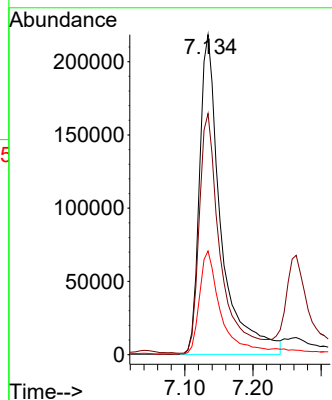
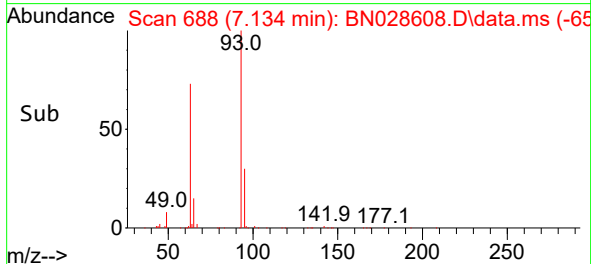


#10
Bis(2-Chloroethyl)ether
Concen: 39.703 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Instrument :
BNA_N
ClientSampleId :

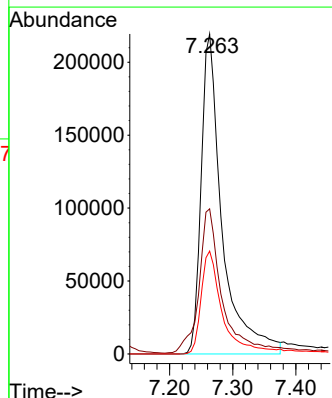
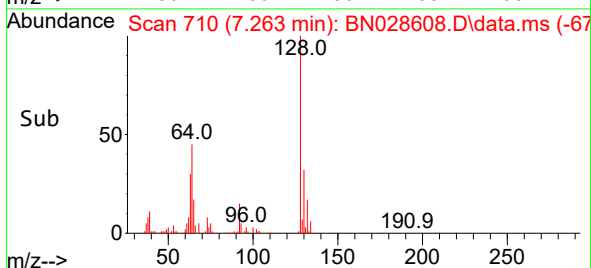
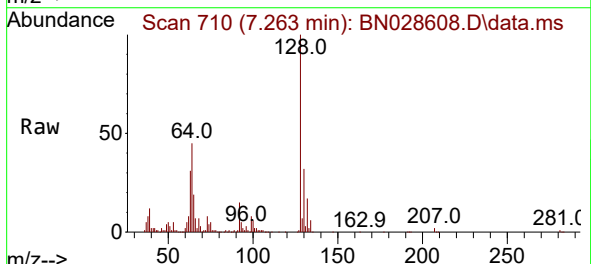


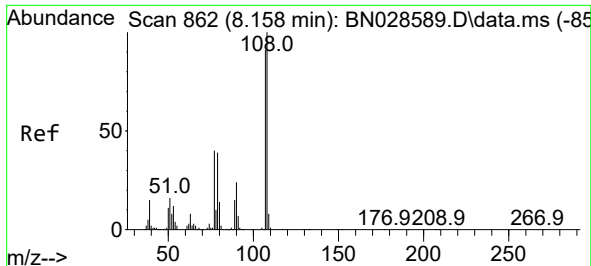
Tgt Ion: 93 Resp: 476977
Ion Ratio Lower Upper
93 100
63 75.4 59.5 89.3
95 32.4 26.2 39.2



#12
2-Chlorophenol
Concen: 40.999 ng/ul
RT: 7.263 min Scan# 710
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:128 Resp: 507218
Ion Ratio Lower Upper
128 100
64 45.3 35.9 53.9
130 32.1 24.7 37.1





#13

2-Methylphenol

Concen: 37.326 ng/ul

RT: 8.152 min Scan# 861

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

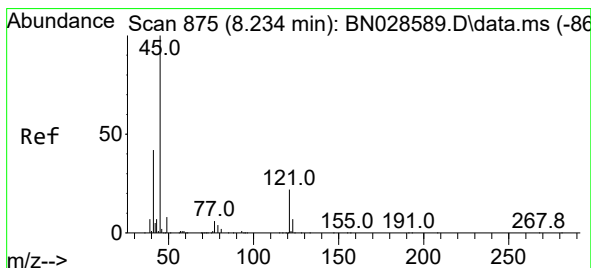
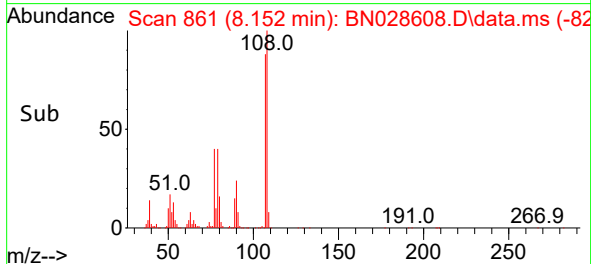
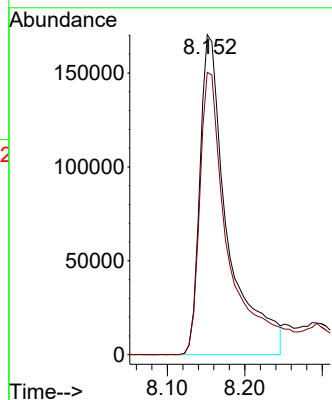
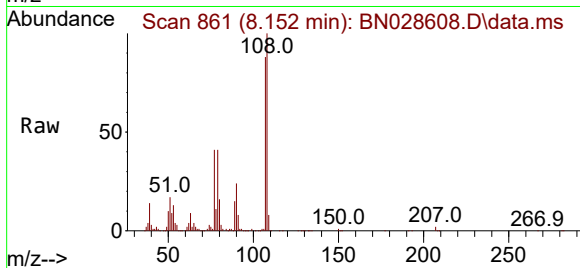
ClientSampleId :

Tgt Ion:108 Resp: 423357

Ion Ratio Lower Upper

108 100

107 88.2 72.7 109.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 47.691 ng/ul

RT: 8.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

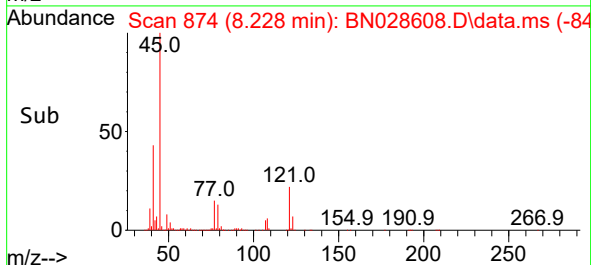
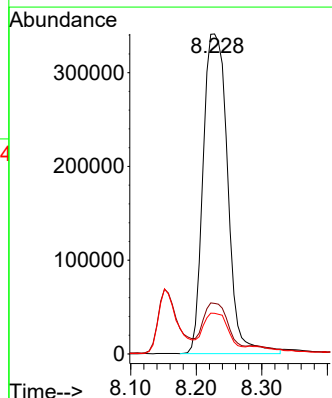
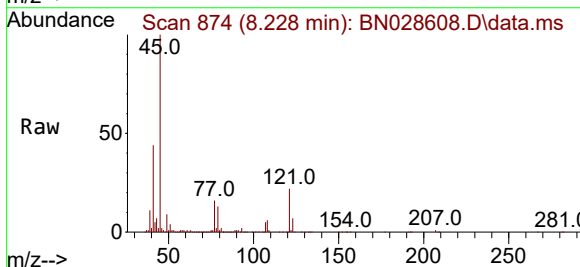
Tgt Ion: 45 Resp: 884511

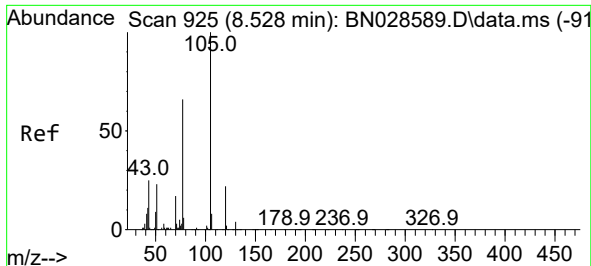
Ion Ratio Lower Upper

45 100

77 15.8 12.6 18.8

79 12.7 9.9 14.9

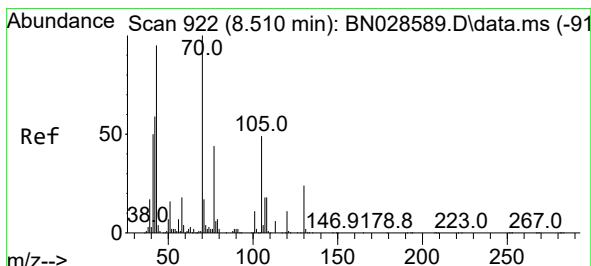
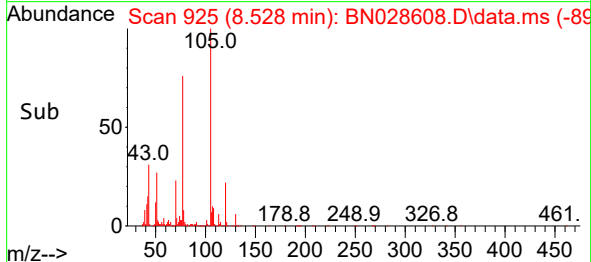
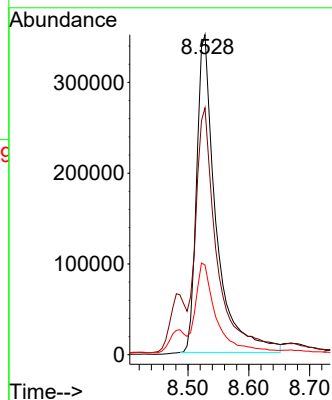
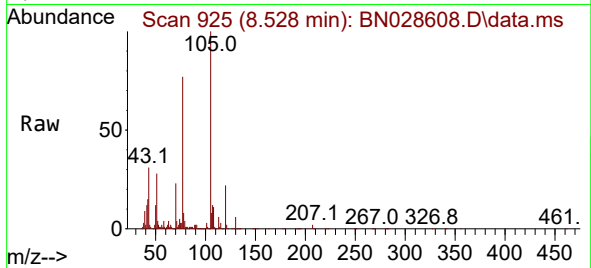




#16
Acetophenone
Concen: 40.297 ng/ul
RT: 8.528 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

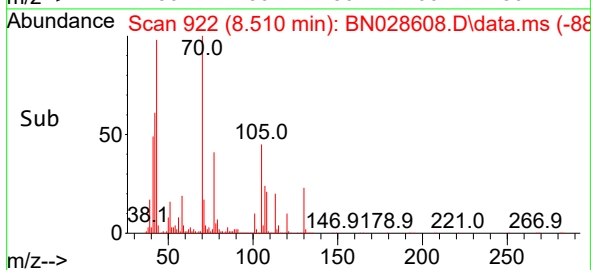
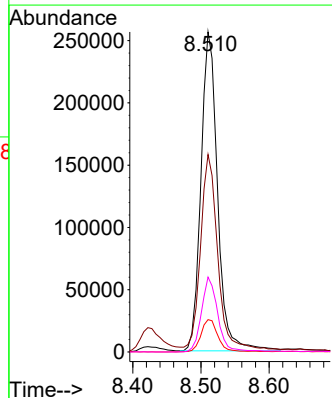
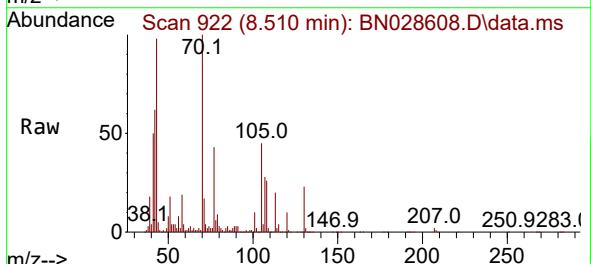
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BNA_N
ClientSampleId :

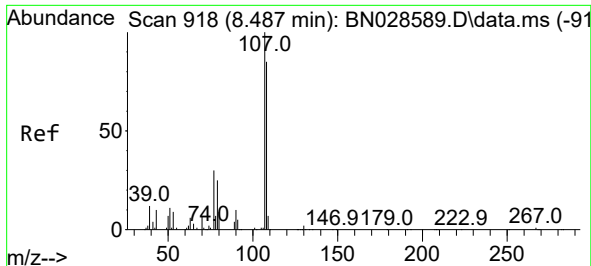
Tgt Ion:105 Resp: 776246
Ion Ratio Lower Upper
105 100
77 77.1 63.0 94.4
51 28.0 22.9 34.3



#17
N-Nitroso-di-n-propylamine
Concen: 43.337 ng/ul
RT: 8.510 min Scan# 922
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

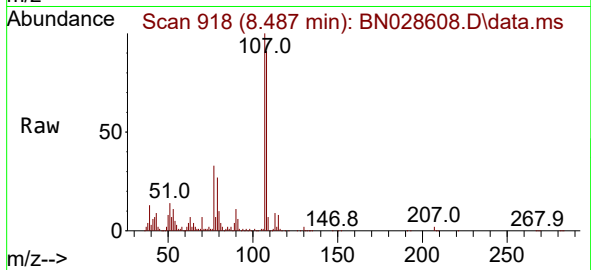
Tgt Ion: 70 Resp: 435384
Ion Ratio Lower Upper
70 100
42 61.7 48.1 72.1
101 10.1 8.8 13.2
130 23.4 18.9 28.3



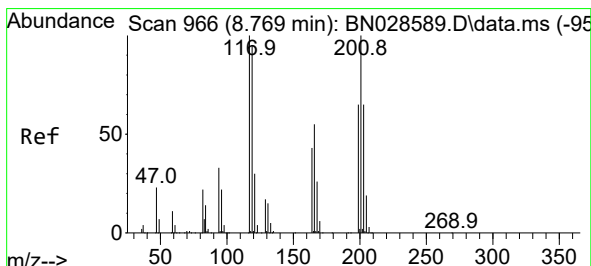
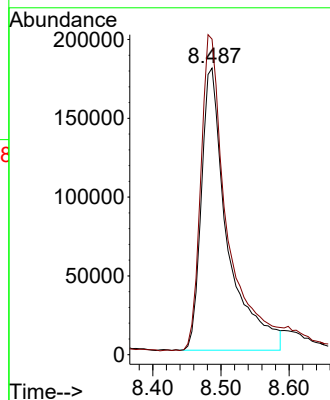
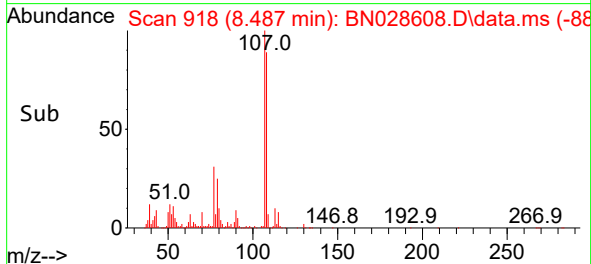


#18
4-Methylphenol
Concen: 39.202 ng/ul
RT: 8.487 min Scan# 918
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Instrument :
BNA_N
ClientSampleId :

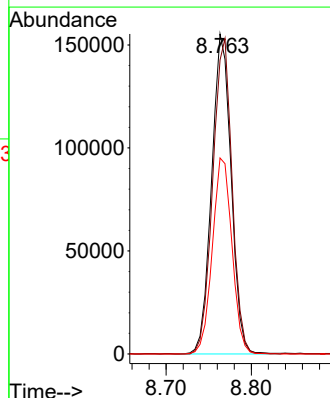
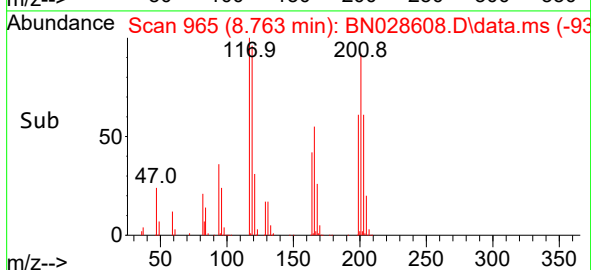
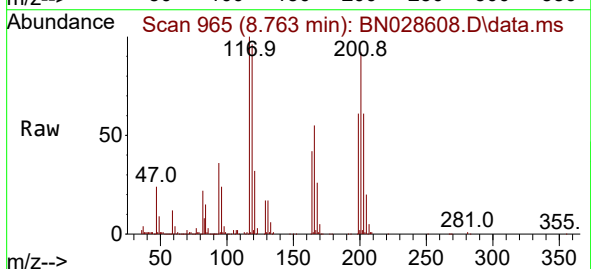


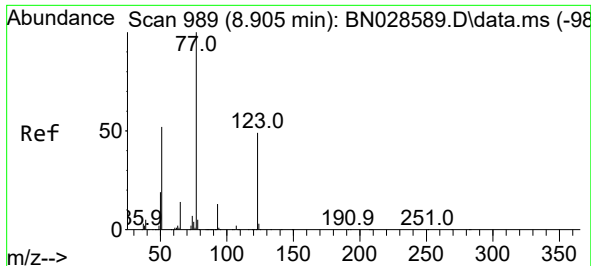
Tgt Ion:108 Resp: 477457
Ion Ratio Lower Upper
108 100
107 110.1 93.5 140.3



#19
Hexachloroethane
Concen: 43.496 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:117 Resp: 247162
Ion Ratio Lower Upper
117 100
201 91.8 80.1 120.1
199 61.3 51.8 77.8

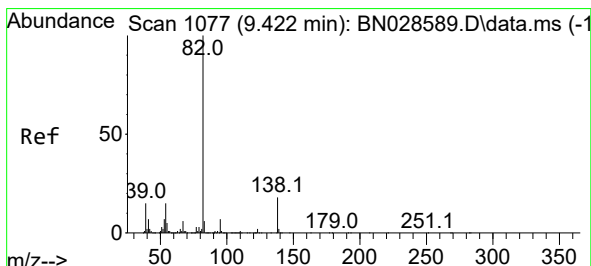
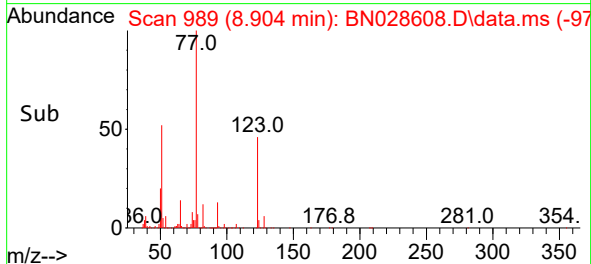
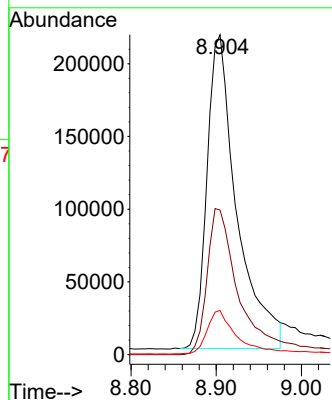
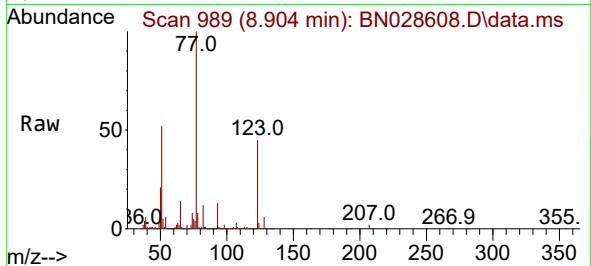




#22
Nitrobenzene
Concen: 32.004 ng/ul
RT: 8.904 min Scan# 989
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

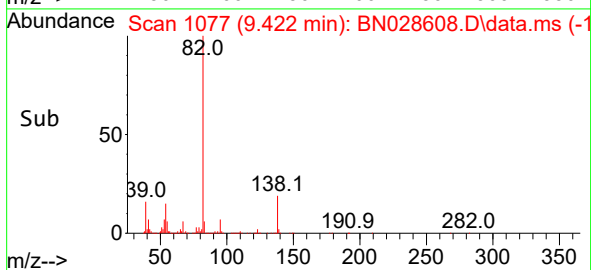
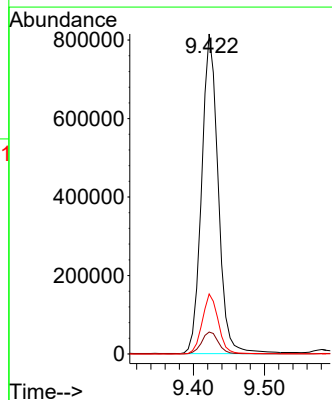
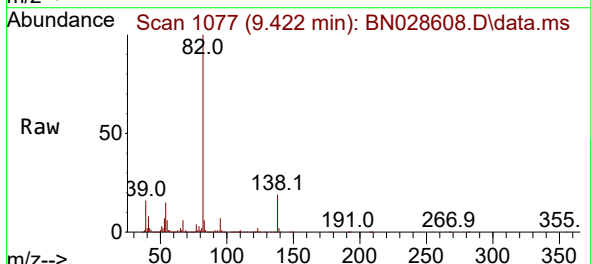
Instrument :
BNA_N
ClientSampleId :

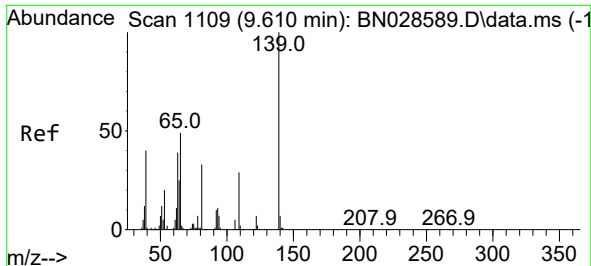
Tgt Ion: 77 Resp: 524893
Ion Ratio Lower Upper
77 100
123 45.2 38.4 57.6
65 13.8 10.9 16.3



#23
Isophorone
Concen: 36.151 ng/ul
RT: 9.422 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion: 82 Resp: 1322130
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.8 14.5 21.7

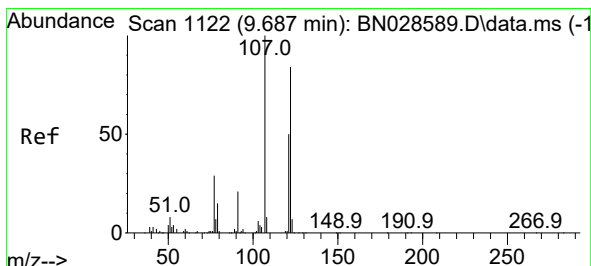
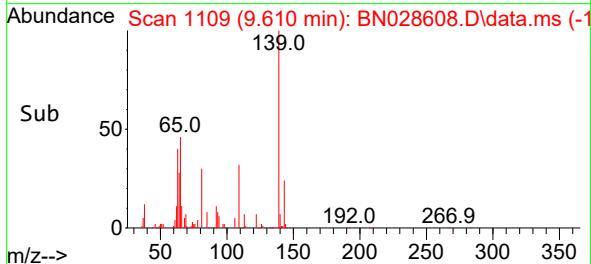
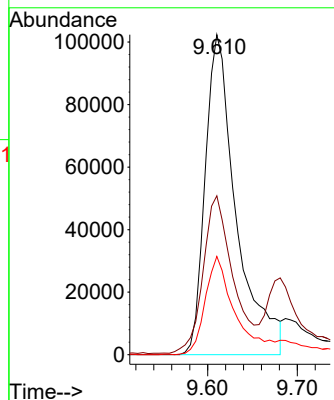
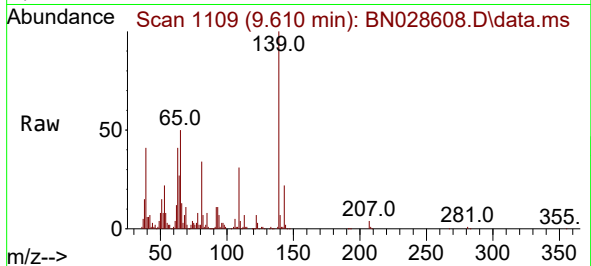




#25
2-Nitrophenol
Concen: 29.185 ng/ul
RT: 9.610 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

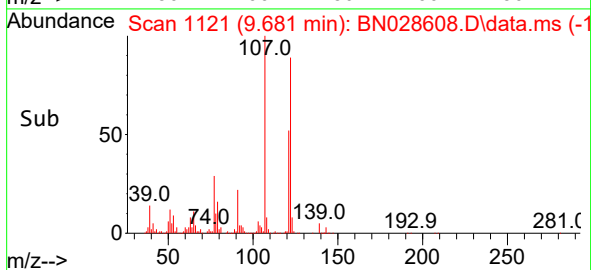
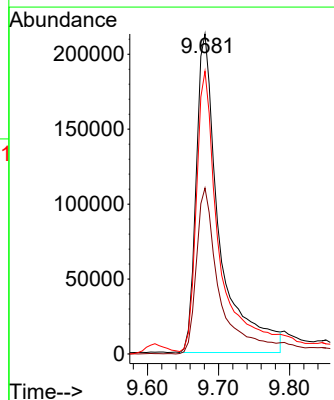
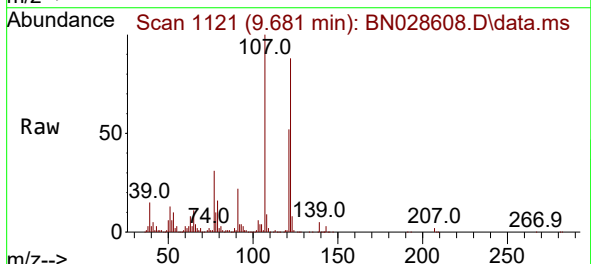
Instrument :
BNA_N
ClientSampleId :

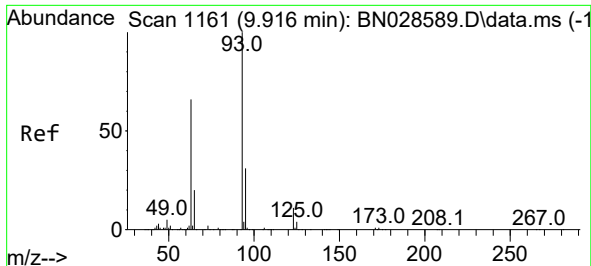
Tgt Ion:139 Resp: 246238
Ion Ratio Lower Upper
139 100
65 49.6 39.8 59.6
109 30.7 23.1 34.7



#26
2,4-Dimethylphenol
Concen: 29.484 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:107 Resp: 487460
Ion Ratio Lower Upper
107 100
121 51.9 39.8 59.8
122 88.4 68.1 102.1





#27

Bis(2-Chloroethoxy)methane

Concen: 32.609 ng/ul

RT: 9.916 min Scan# 1161

Delta R.T. 0.000 min

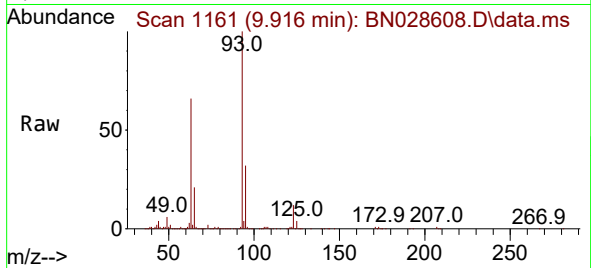
Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :



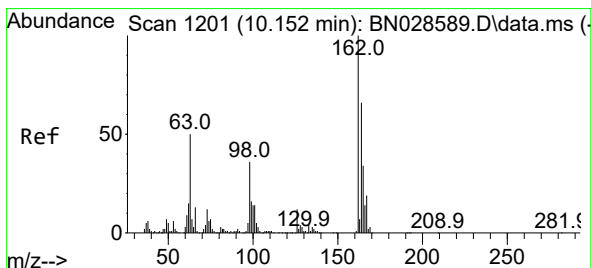
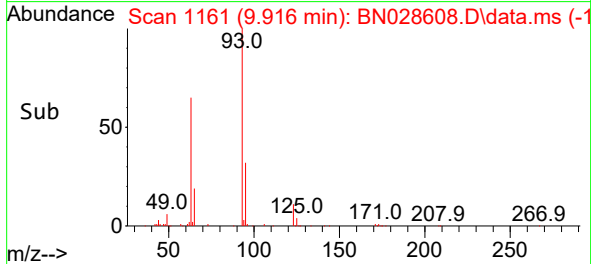
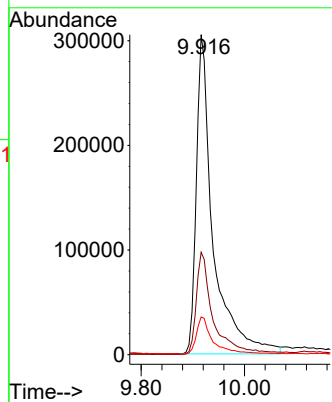
Tgt Ion: 93 Resp: 688729

Ion Ratio Lower Upper

93 100

95 32.0 24.7 37.1

123 11.8 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 33.769 ng/ul

RT: 10.146 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

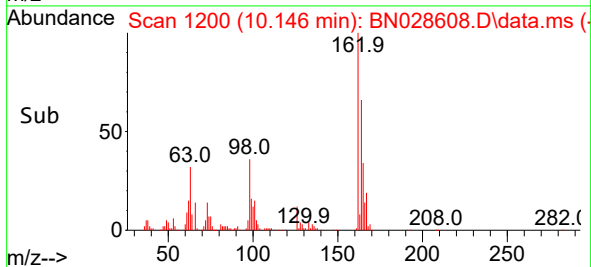
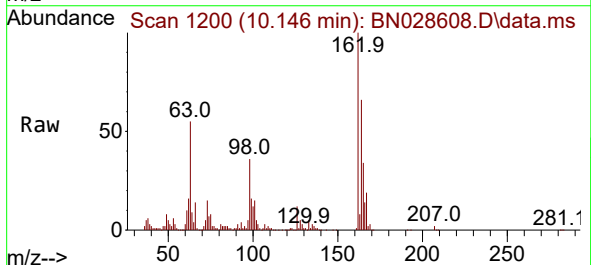
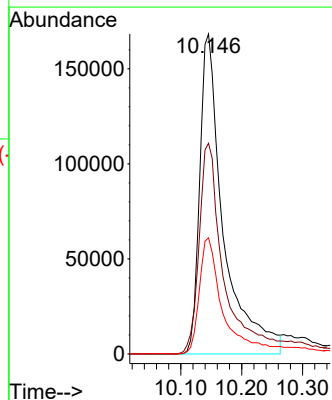
Tgt Ion:162 Resp: 455737

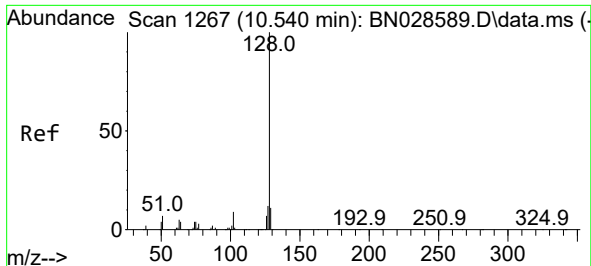
Ion Ratio Lower Upper

162 100

164 65.8 53.1 79.7

98 36.3 28.6 43.0

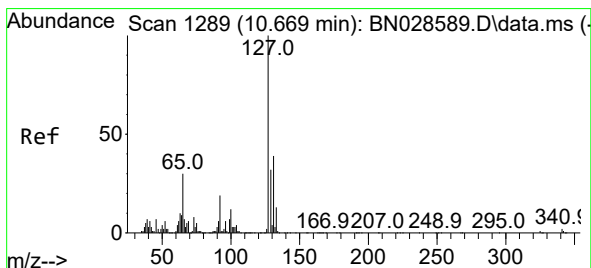
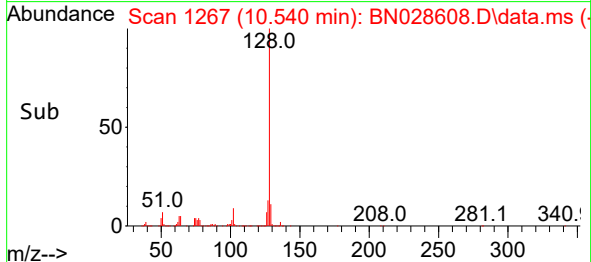
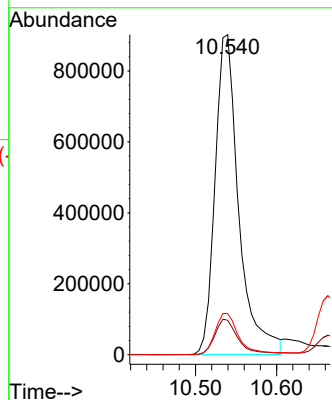
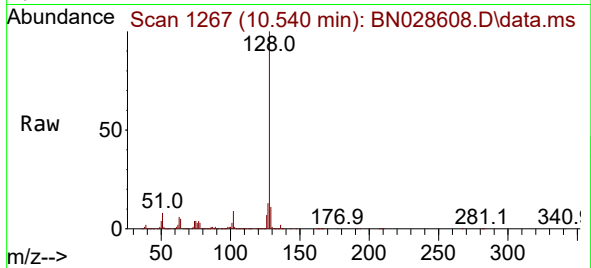




#30
Naphthalene
Concen: 33.502 ng/ul
RT: 10.540 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

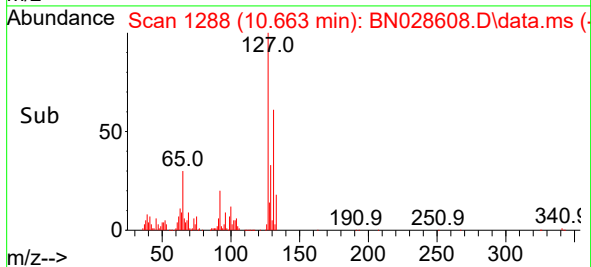
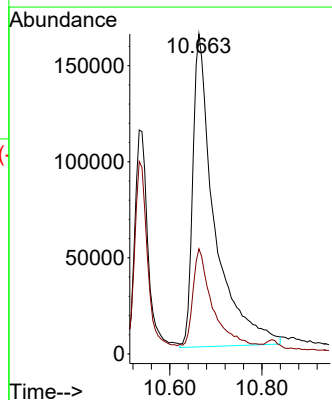
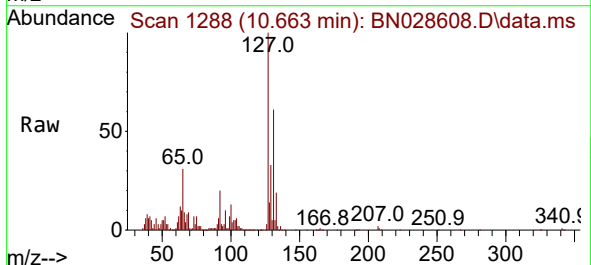
Instrument :
BNA_N
ClientSampleId :

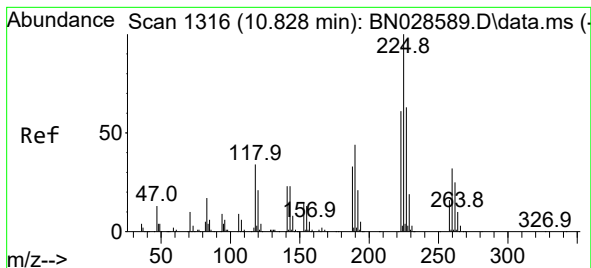
Tgt Ion:128 Resp: 1830986
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.8 10.0 15.0



#32
4-Chloroaniline
Concen: 27.438 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:127 Resp: 531739
Ion Ratio Lower Upper
127 100
129 32.9 26.7 40.1





#33

Hexachlorobutadiene

Concen: 34.345 ng/ul

RT: 10.822 min Scan# 1419

Delta R.T. -0.006 min

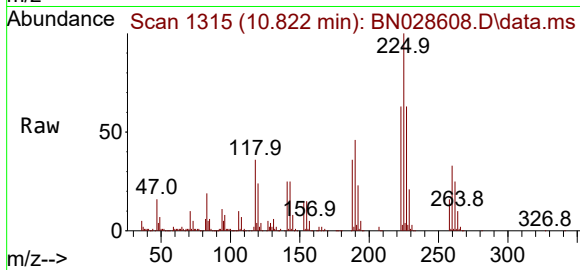
Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :



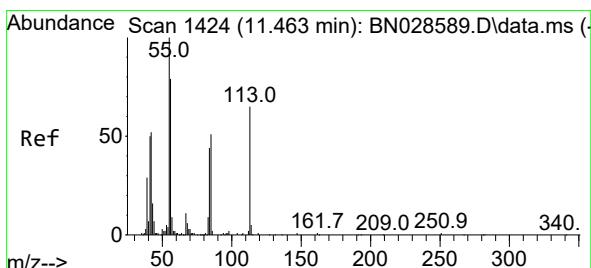
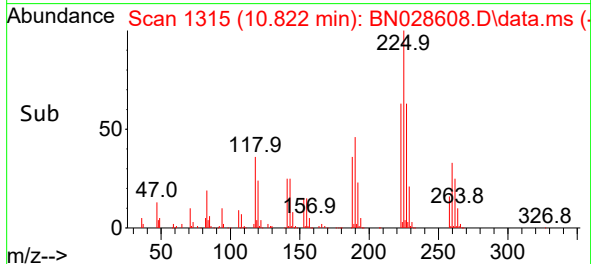
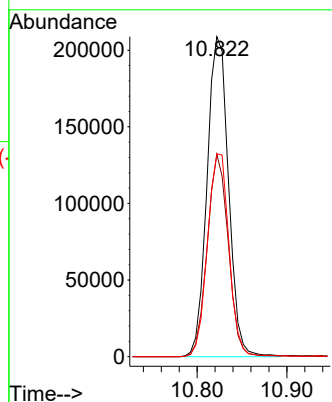
Tgt Ion:225 Resp: 347345

Ion Ratio Lower Upper

225 100

223 63.3 48.9 73.3

227 63.4 50.7 76.1



#34

Caprolactam

Concen: 37.216 ng/ul

RT: 11.434 min Scan# 1419

Delta R.T. -0.029 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

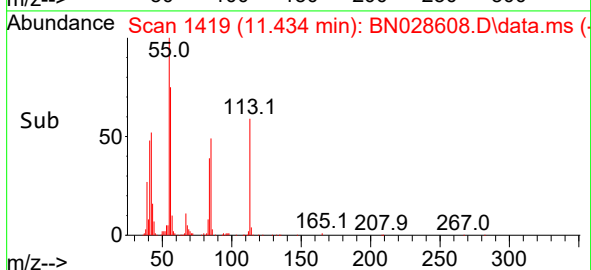
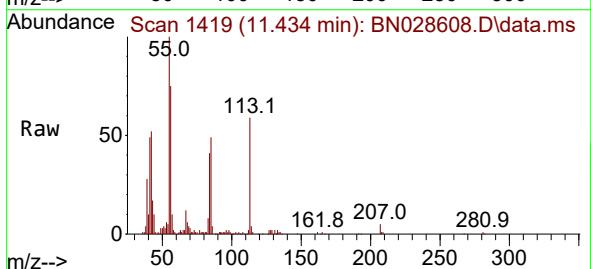
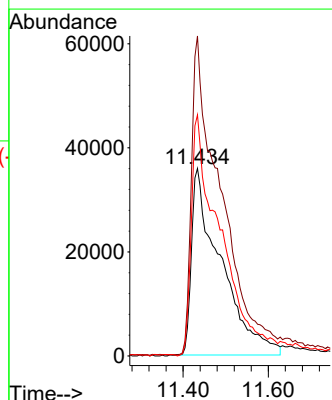
Tgt Ion:113 Resp: 169975

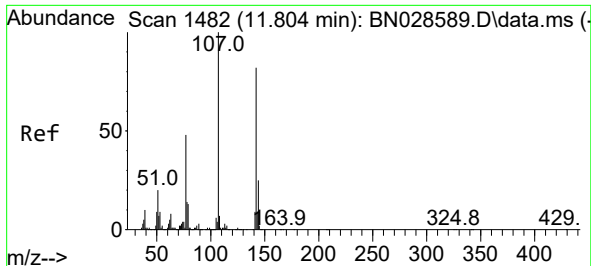
Ion Ratio Lower Upper

113 100

55 170.7 124.0 186.0

56 128.6 98.1 147.1

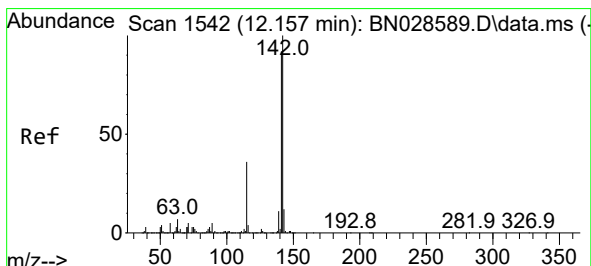
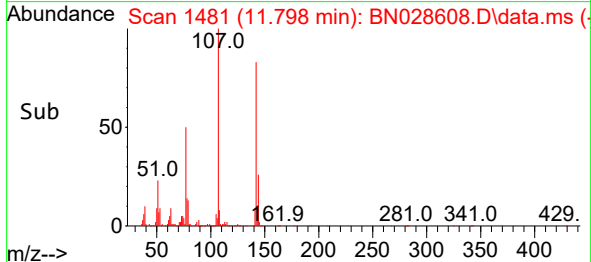
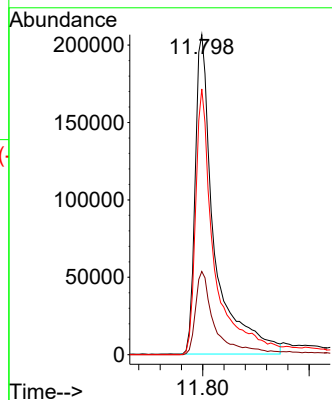
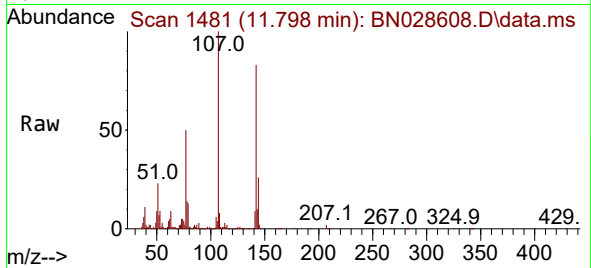




#35
4-Chloro-3-methylphenol
Concen: 35.236 ng/ul
RT: 11.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

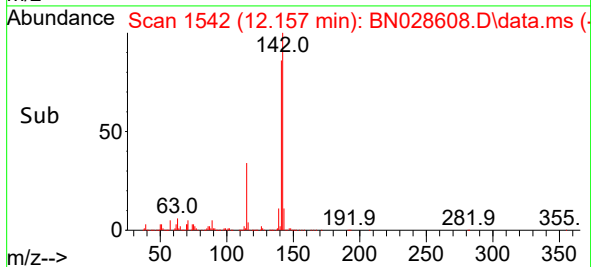
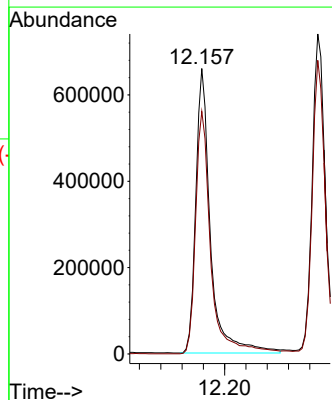
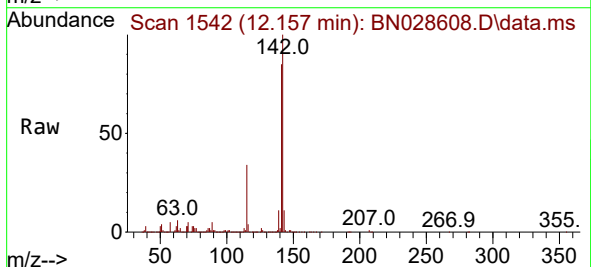
Instrument :
BNA_N
ClientSampleId :

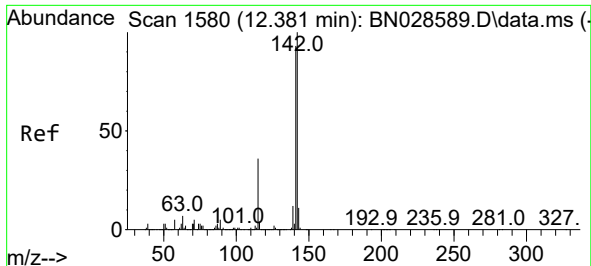
Tgt Ion:107 Resp: 518670
Ion Ratio Lower Upper
107 100
144 26.0 20.3 30.5
142 83.1 65.7 98.5



#36
2-Methylnaphthalene
Concen: 34.753 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:142 Resp: 1257567
Ion Ratio Lower Upper
142 100
141 85.0 73.6 110.4

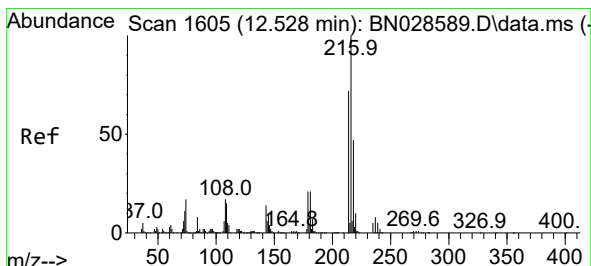
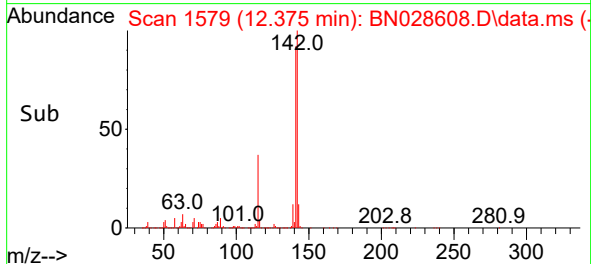
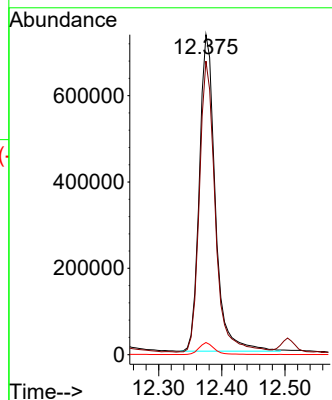
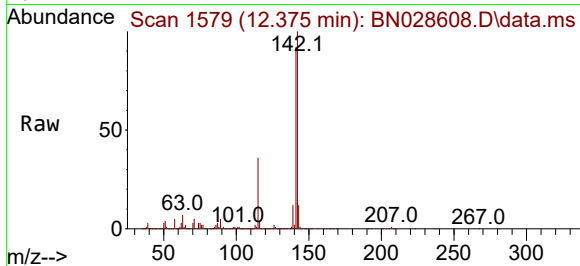




#37
1-Methylnaphthalene
Concen: 34.332 ng/ul
RT: 12.375 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

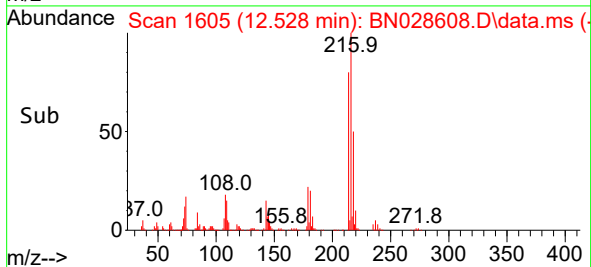
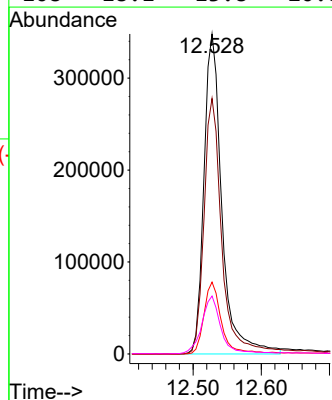
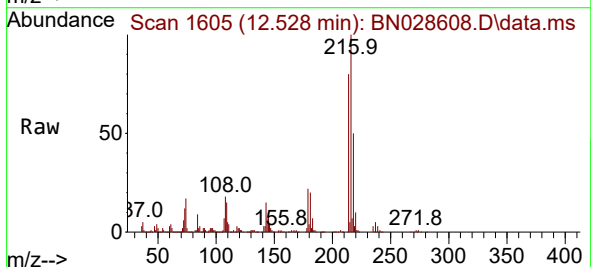
Instrument :
BNA_N
ClientSampleId :

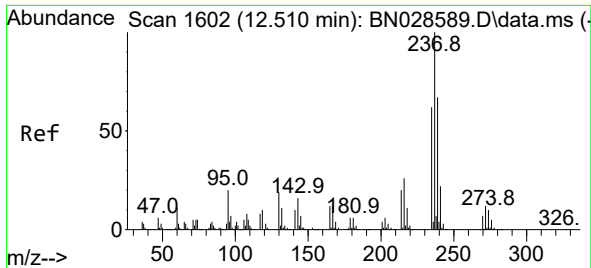
Tgt Ion:142 Resp: 1283468
Ion Ratio Lower Upper
142 100
141 91.8 74.6 112.0
116 3.8 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.599 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:216 Resp: 638568
Ion Ratio Lower Upper
216 100
214 79.9 57.4 86.2
179 22.5 16.5 24.7
108 18.1 13.8 20.8

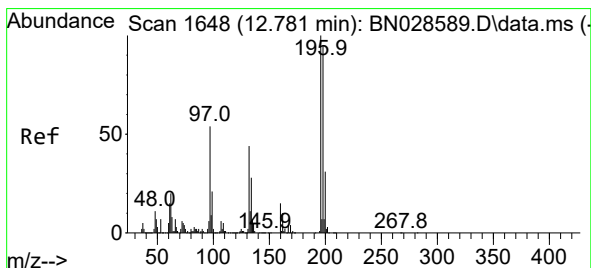
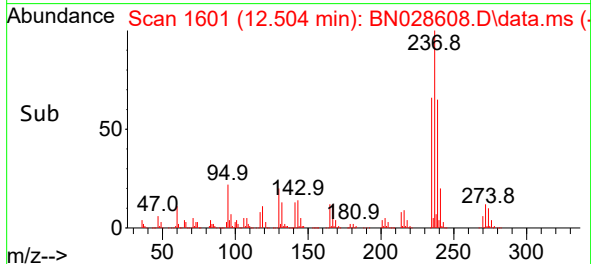
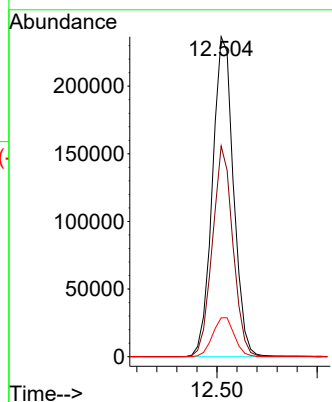
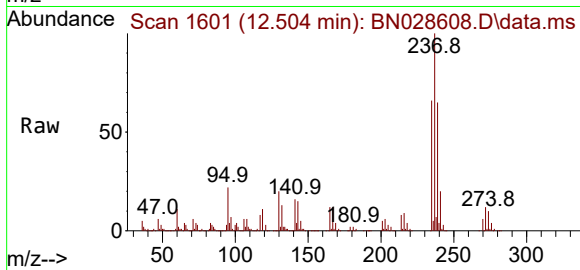




#40
Hexachlorocyclopentadiene
Concen: 36.032 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

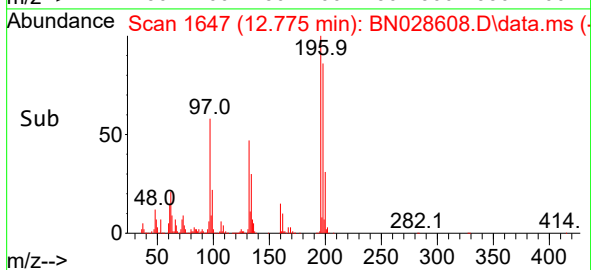
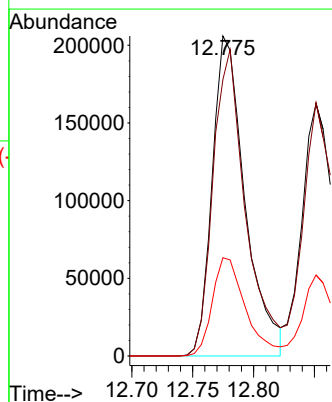
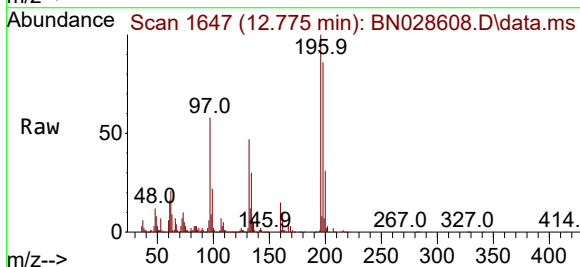
Instrument :
BNA_N
ClientSampleId :

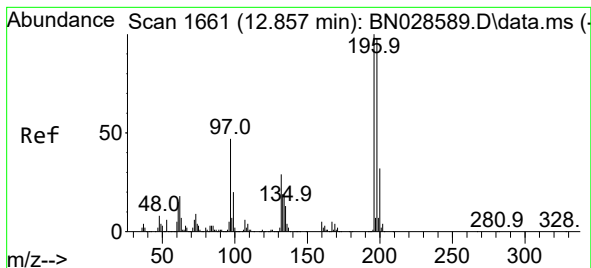
Tgt Ion:237 Resp: 344847
Ion Ratio Lower Upper
237 100
235 65.9 49.8 74.6
272 12.2 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 34.583 ng/ul
RT: 12.775 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:196 Resp: 385272
Ion Ratio Lower Upper
196 100
198 86.4 75.7 113.5
200 30.7 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 28.887 ng/ul

RT: 12.851 min Scan# 1

Delta R.T. -0.006 min

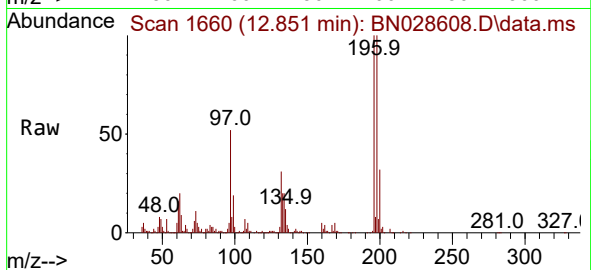
Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :



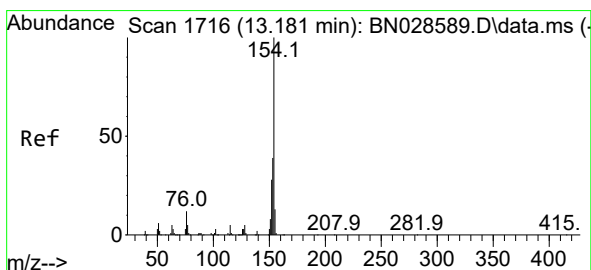
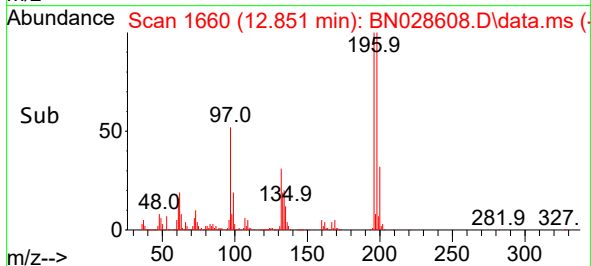
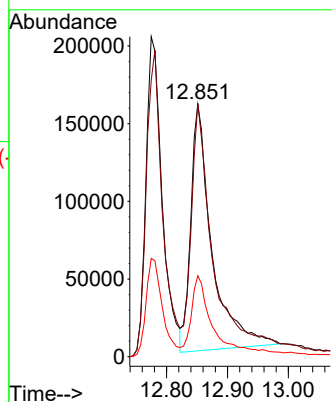
Tgt Ion:196 Resp: 384466

Ion Ratio Lower Upper

196 100

198 100.4 77.8 116.6

200 32.1 25.5 38.3



#43

1,1'-Biphenyl

Concen: 33.571 ng/ul

RT: 13.181 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

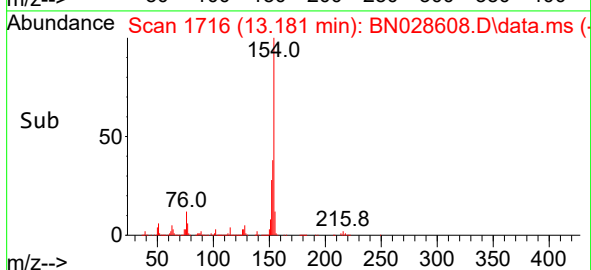
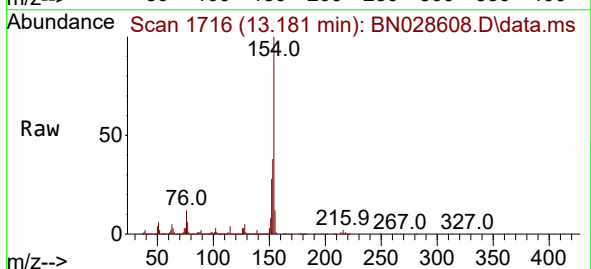
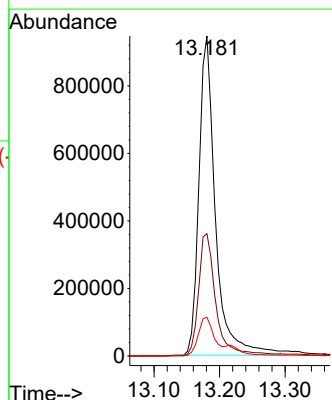
Tgt Ion:154 Resp: 1655282

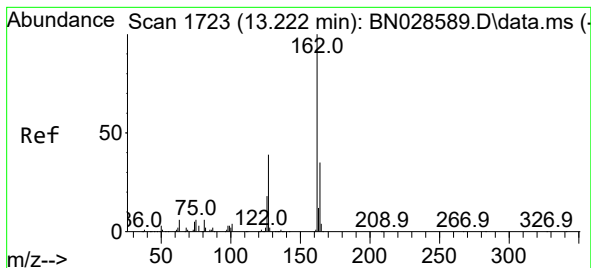
Ion Ratio Lower Upper

154 100

153 38.2 31.4 47.2

76 12.1 9.6 14.4





#44

2-Chloronaphthalene

Concen: 33.549 ng/ul

RT: 13.216 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

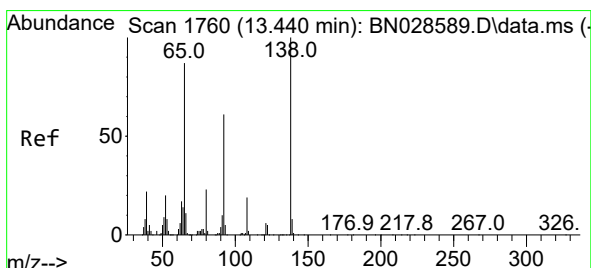
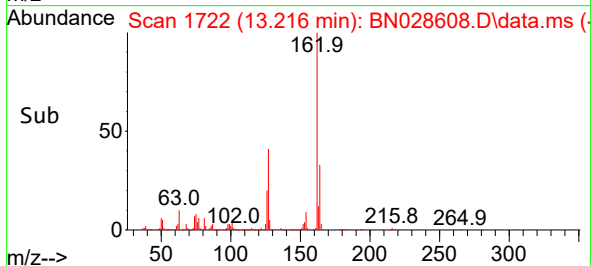
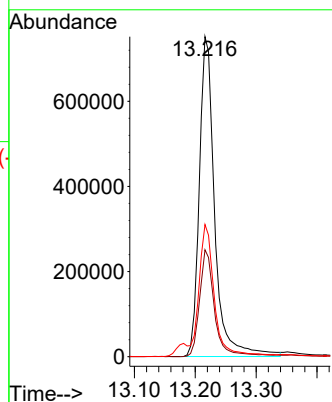
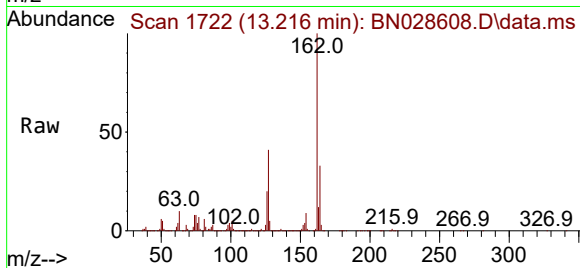
Tgt Ion:162 Resp: 1319761

Ion Ratio Lower Upper

162 100

164 33.4 28.0 42.0

127 41.3 32.9 49.3



#45

2-Nitroaniline

Concen: 29.802 ng/ul

RT: 13.439 min Scan# 1760

Delta R.T. -0.001 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

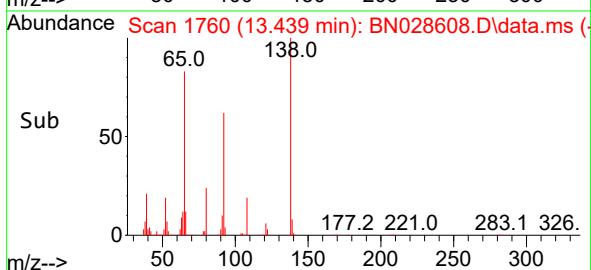
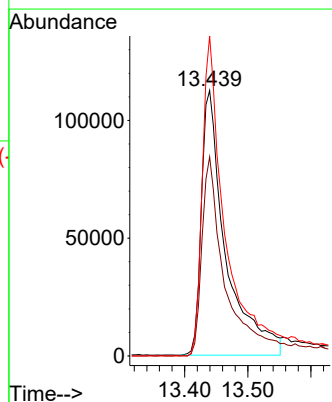
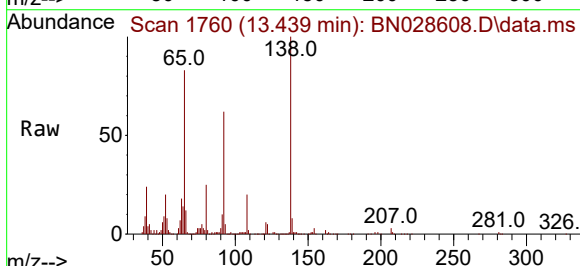
Tgt Ion: 65 Resp: 299445

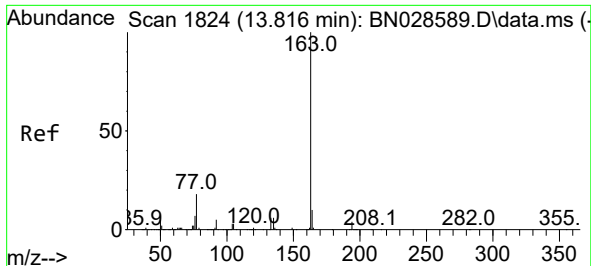
Ion Ratio Lower Upper

65 100

92 75.0 56.6 85.0

138 120.6 92.2 138.2

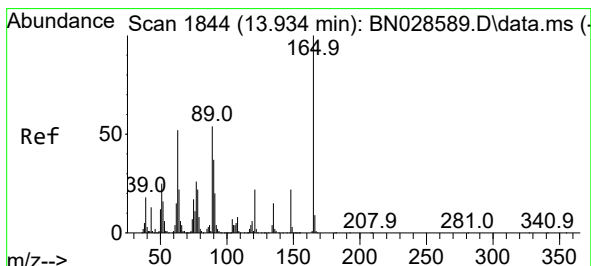
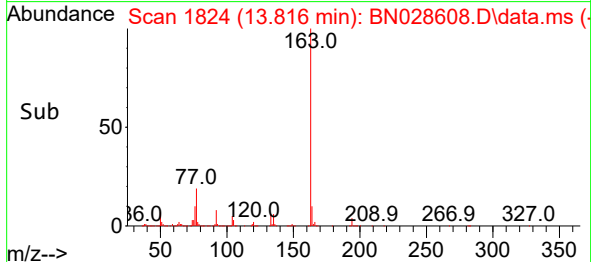
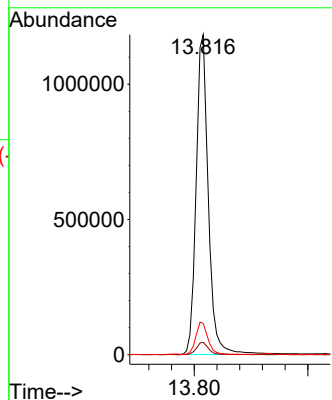
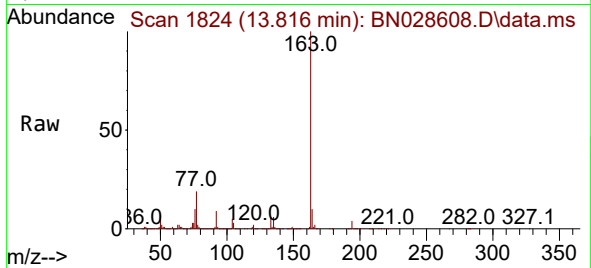




#47
Dimethylphthalate
Concen: 35.407 ng/ul
RT: 13.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

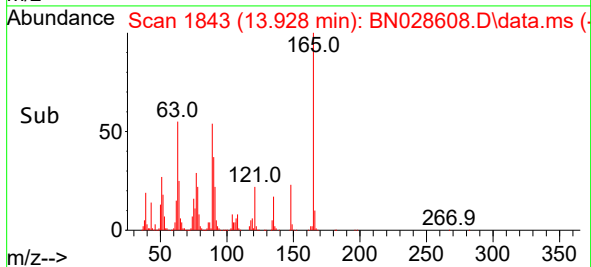
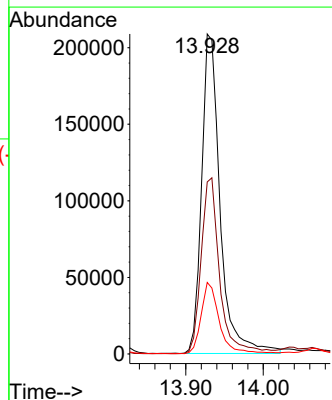
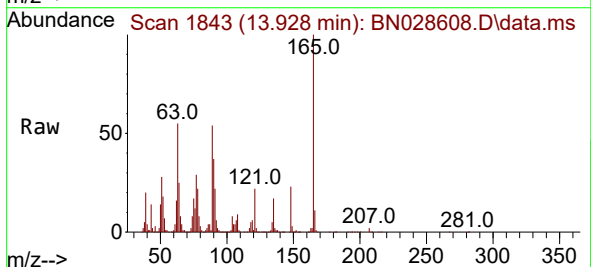
Instrument :
BNA_N
ClientSampleId :

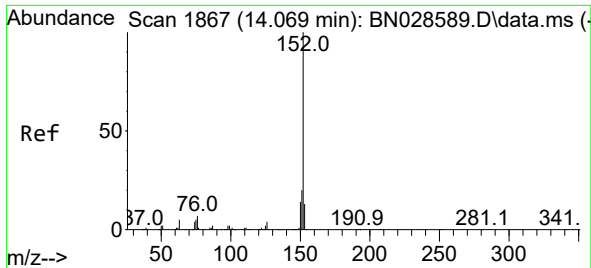
Tgt Ion:163 Resp: 1770520
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 35.083 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:165 Resp: 346415
Ion Ratio Lower Upper
165 100
89 53.8 43.6 65.4
121 22.4 17.7 26.5

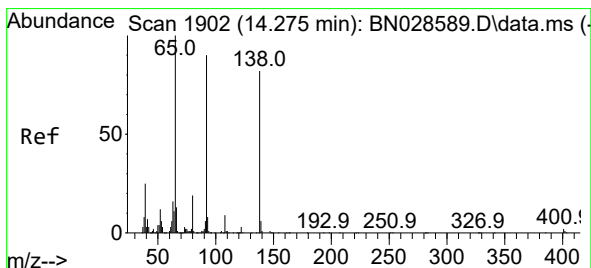
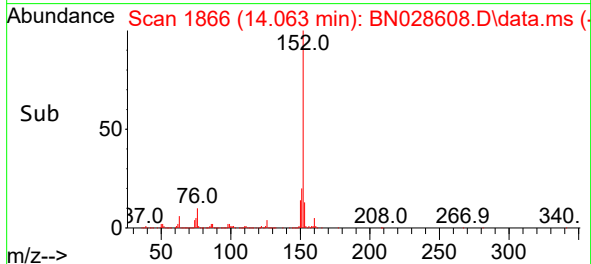
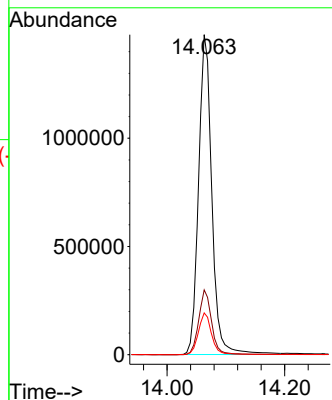
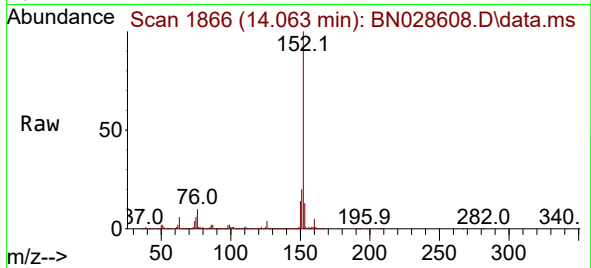




#50
Acenaphthylene
Concen: 35.434 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

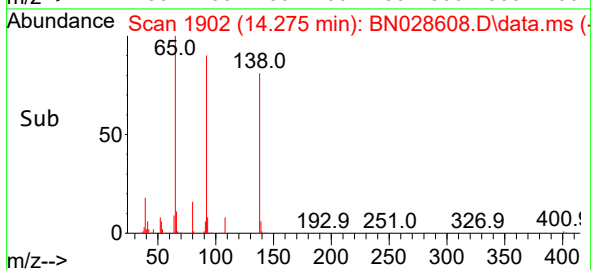
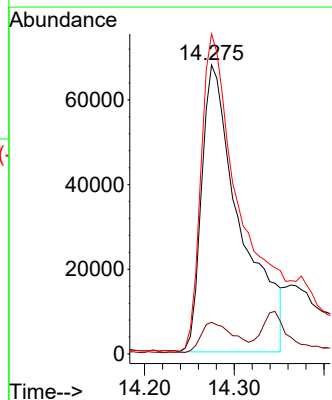
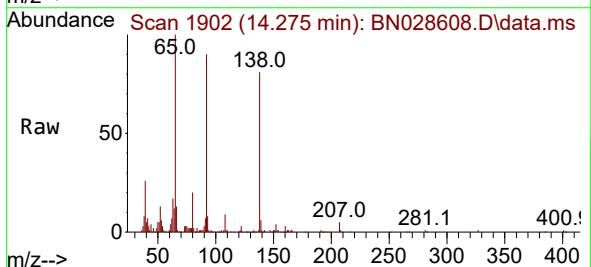
Instrument :
BNA_N
ClientSampleId :

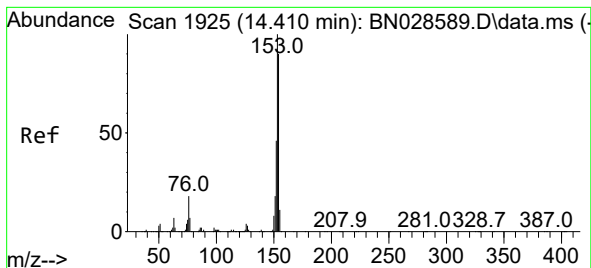
Tgt Ion:152 Resp: 2320543
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.1 10.4 15.6



#51
3-Nitroaniline
Concen: 20.921 ng/ul
RT: 14.275 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:138 Resp: 202499
Ion Ratio Lower Upper
138 100
108 11.0 8.9 13.3
92 110.7 88.1 132.1





#52

Acenaphthene

Concen: 35.340 ng/ul

RT: 14.404 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

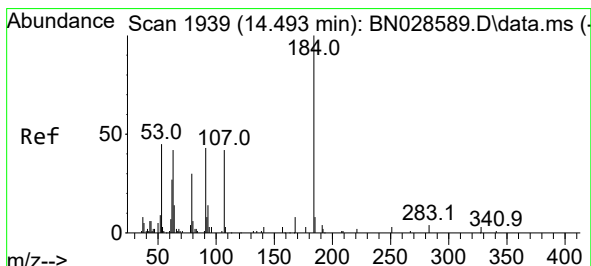
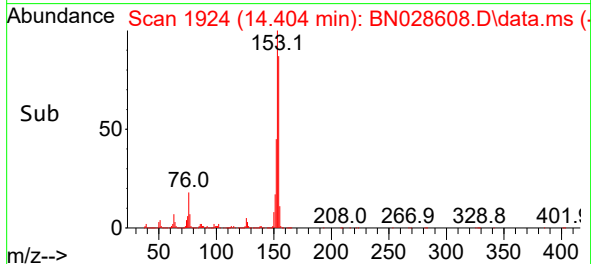
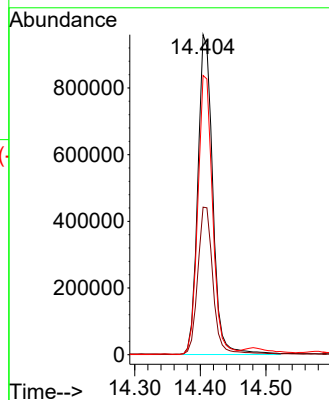
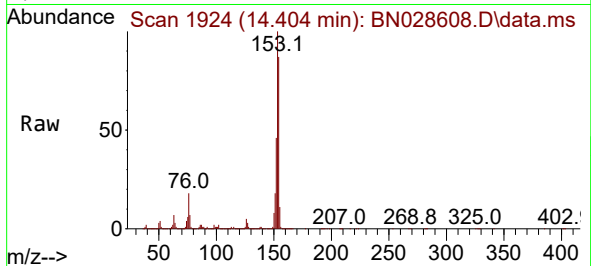
Tgt Ion:153 Resp: 1523064

Ion Ratio Lower Upper

153 100

152 46.1 37.3 55.9

154 87.3 72.2 108.4



#53

2,4-Dinitrophenol

Concen: 24.804 ng/ul

RT: 14.481 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

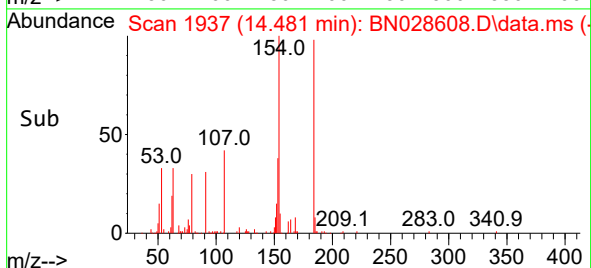
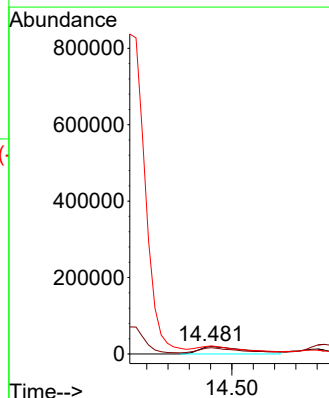
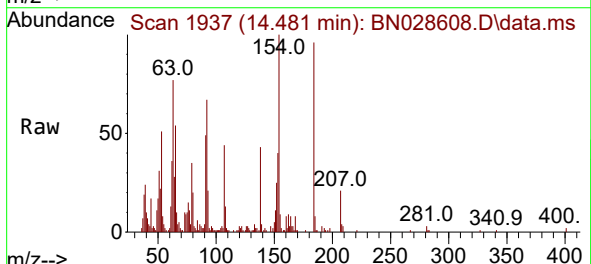
Tgt Ion:184 Resp: 60010

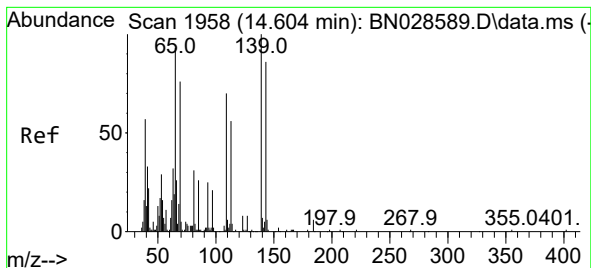
Ion Ratio Lower Upper

184 100

63 79.6 62.5 93.7

154 103.8 90.4 135.6

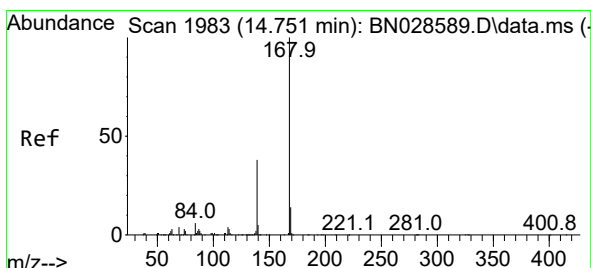
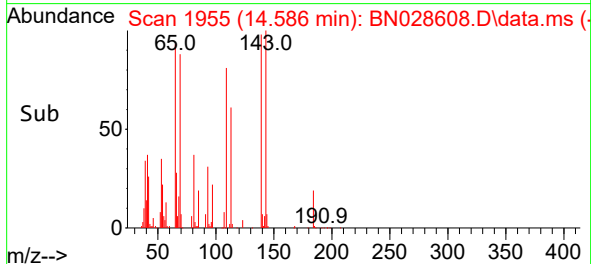
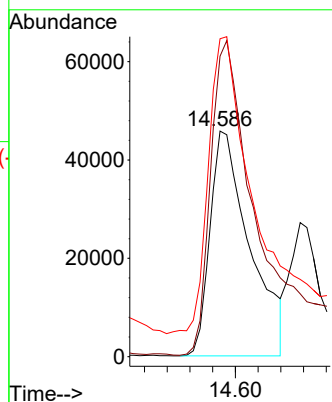
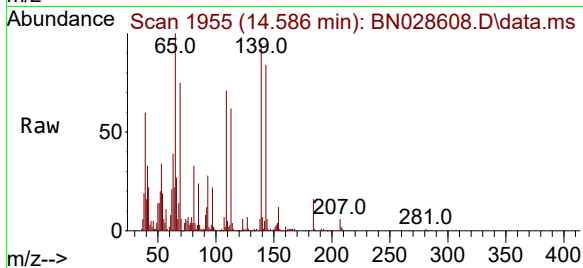




#55
4-Nitrophenol
Concen: 31.705 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

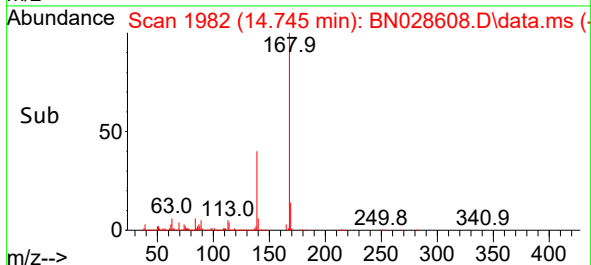
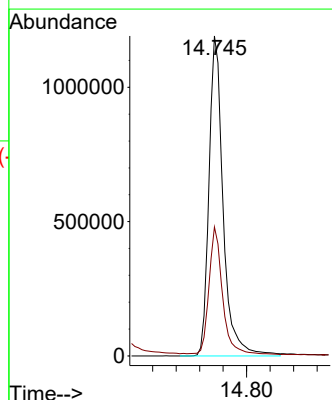
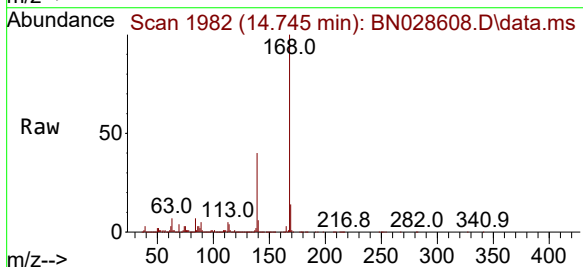
Instrument :
BNA_N
ClientSampleId :

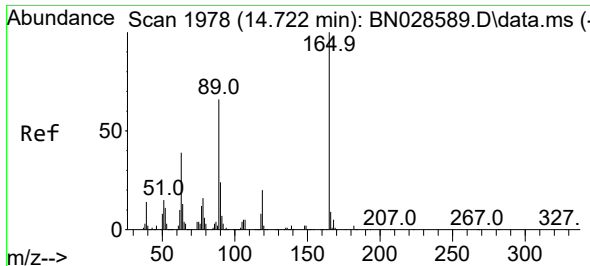
Tgt Ion:109 Resp: 110845
Ion Ratio Lower Upper
109 100
139 133.2 114.3 171.5
65 140.9 112.7 169.1



#56
Dibenzofuran
Concen: 34.573 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:168 Resp: 1988013
Ion Ratio Lower Upper
168 100
139 40.3 31.4 47.2

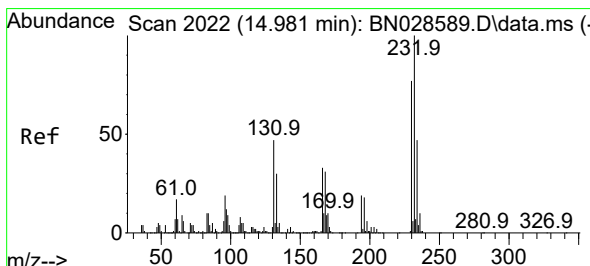
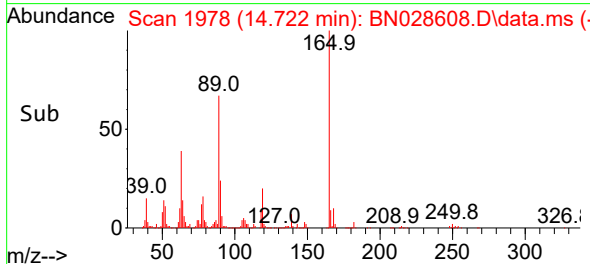
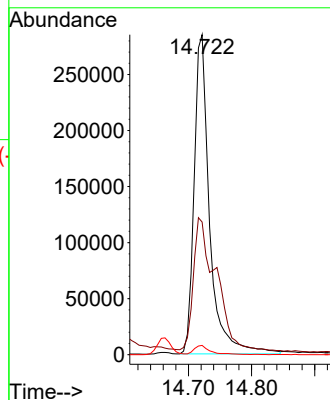
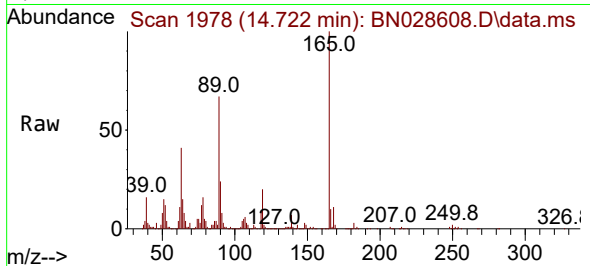




#57
2,4-Dinitrotoluene
Concen: 35.704 ng/ul
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

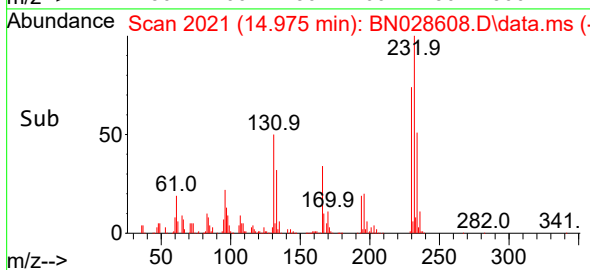
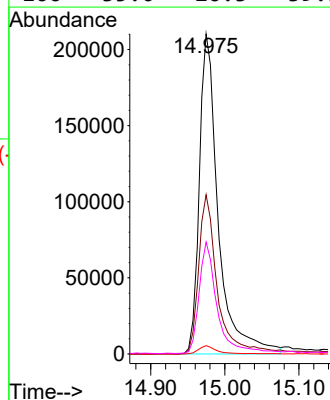
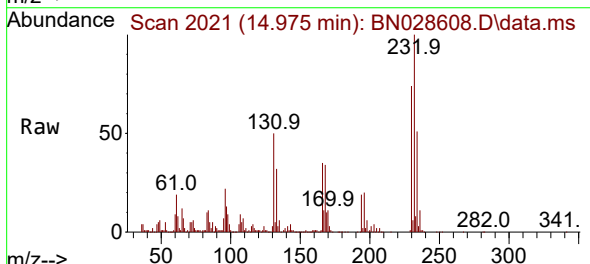
Instrument :
BNA_N
ClientSampleId :

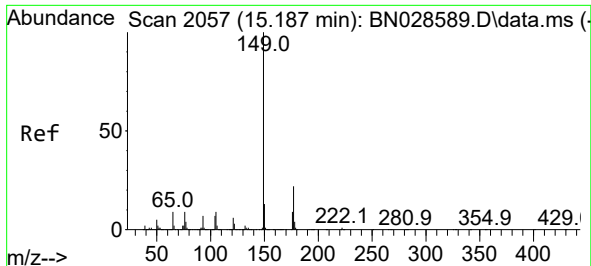
Tgt Ion:165 Resp: 484624
Ion Ratio Lower Upper
165 100
63 41.5 32.5 48.7
182 2.9 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.954 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

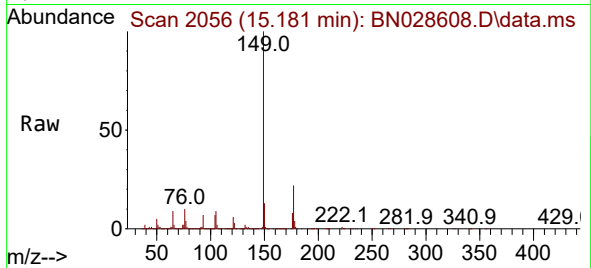
Tgt Ion:232 Resp: 374476
Ion Ratio Lower Upper
232 100
131 49.7 37.7 56.5
130 2.6 2.1 3.1
166 35.0 26.3 39.5



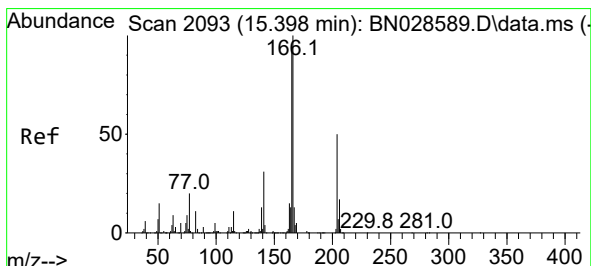
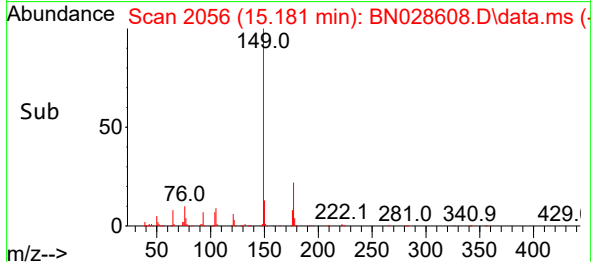
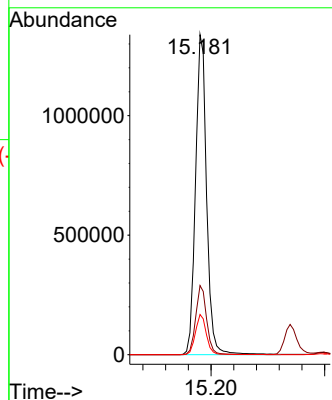


#59
Diethylphthalate
Concen: 35.589 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Instrument :
BNA_N
ClientSampleId :

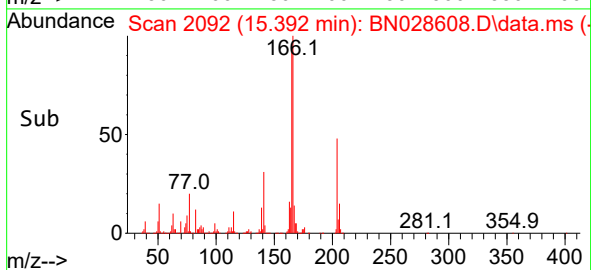
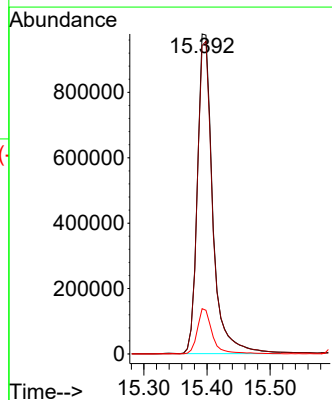
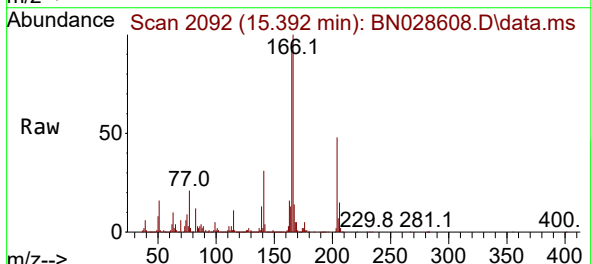


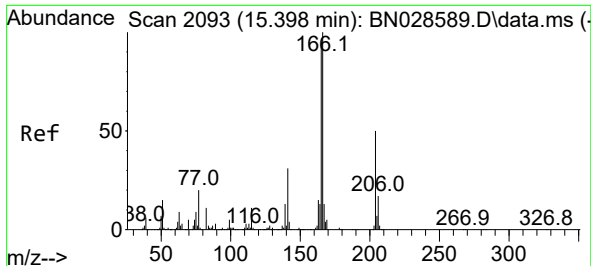
Tgt Ion:149 Resp: 1819711
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.6 10.4 15.6



#61
Fluorene
Concen: 34.465 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:166 Resp: 1651889
Ion Ratio Lower Upper
166 100
165 96.4 75.3 112.9
167 14.1 10.2 15.2





#62

4-Chlorophenyl-phenylether

Concen: 34.787 ng/ul

RT: 15.398 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

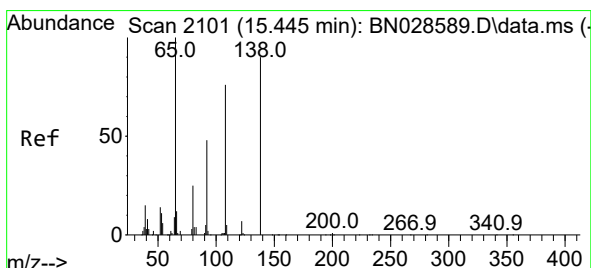
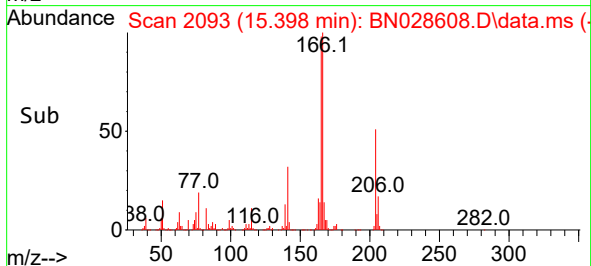
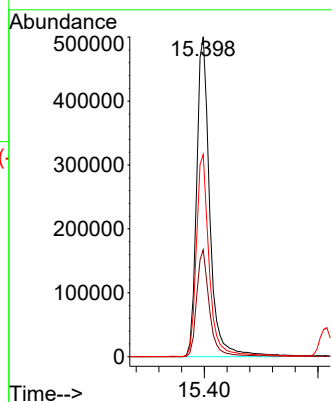
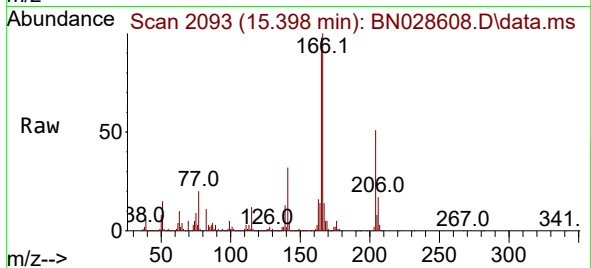
Tgt Ion:204 Resp: 806862

Ion Ratio Lower Upper

204 100

206 33.4 27.0 40.4

141 63.2 50.0 75.0



#63

4-Nitroaniline

Concen: 22.206 ng/ul

RT: 15.445 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

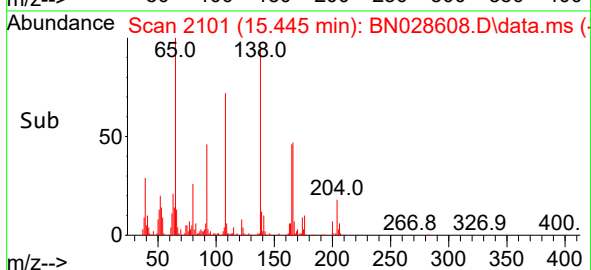
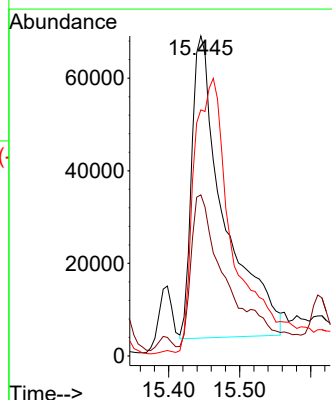
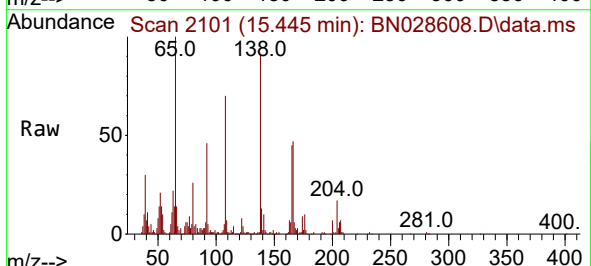
Tgt Ion:138 Resp: 205803

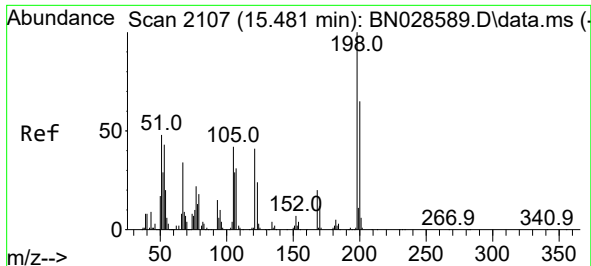
Ion Ratio Lower Upper

138 100

92 50.4 42.0 63.0

108 76.9 65.2 97.8

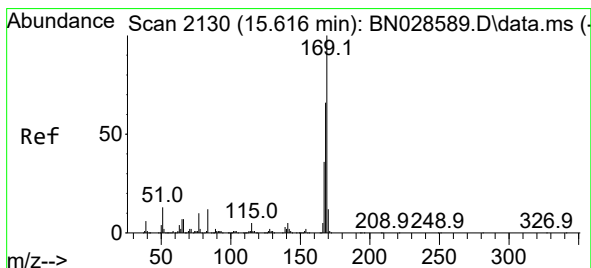
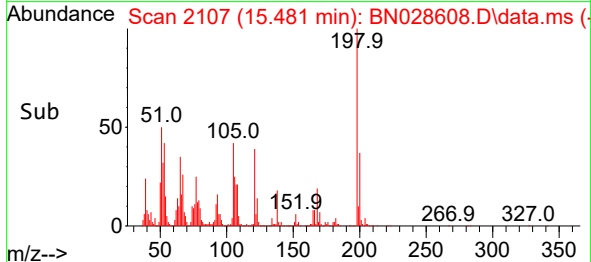
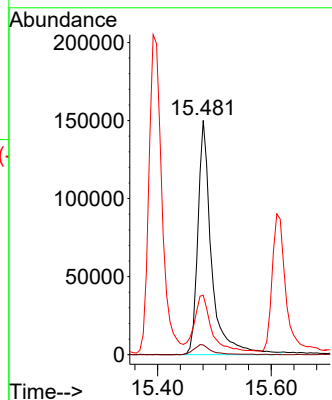
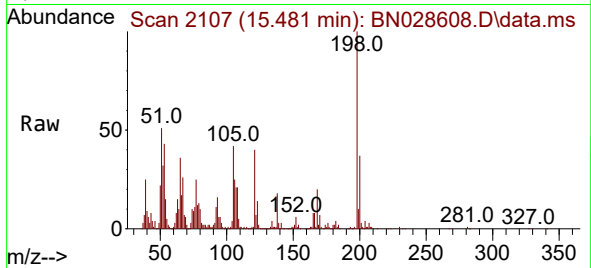




#66
 4,6-Dinitro-2-methylphenol
 Concen: 38.277 ng/ul
 RT: 15.481 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN028608.D
 Acq: 14 Nov 2023 18:23

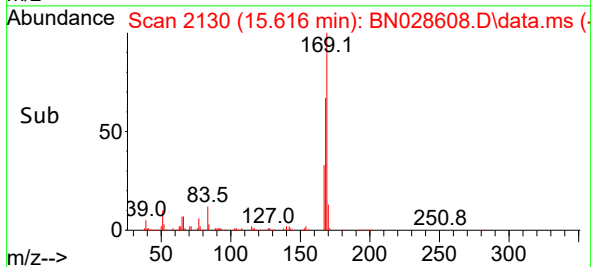
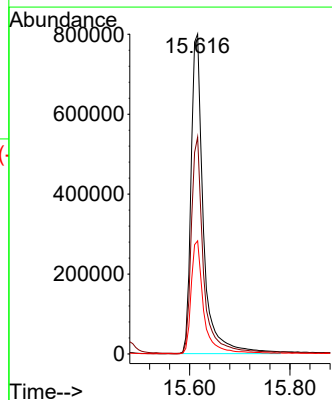
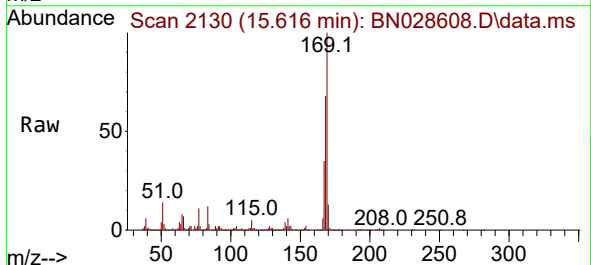
Instrument :
 BNA_N
 ClientSampleId :

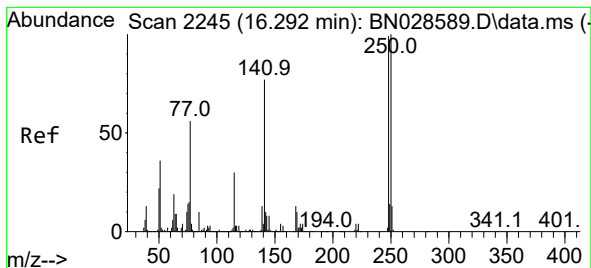
Tgt Ion:198 Resp: 251462
 Ion Ratio Lower Upper
 198 100
 182 4.2 4.3 6.5#
 77 25.3 23.4 35.2



#67
 N-Nitrosodiphenylamine
 Concen: 35.299 ng/ul
 RT: 15.616 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BN028608.D
 Acq: 14 Nov 2023 18:23

Tgt Ion:169 Resp: 1377505
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.1 79.7
 167 35.4 28.6 42.8

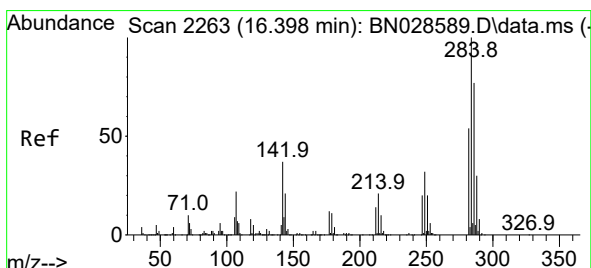
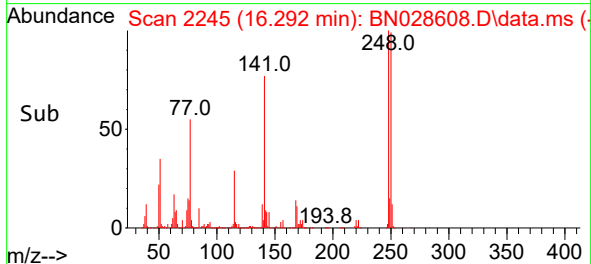
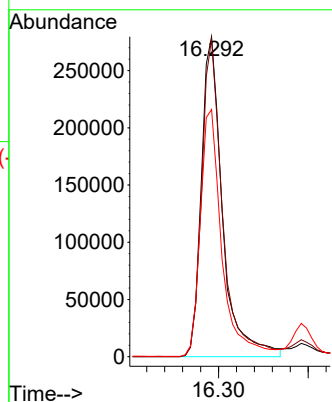
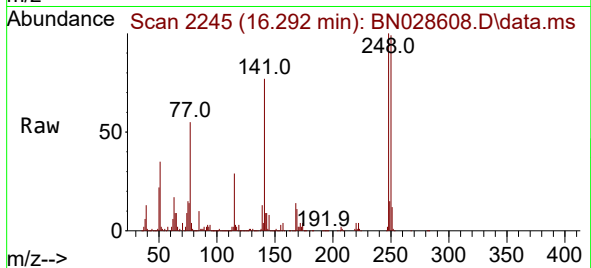




#68
4-Bromophenyl-phenylether
Concen: 33.797 ng/ul
RT: 16.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

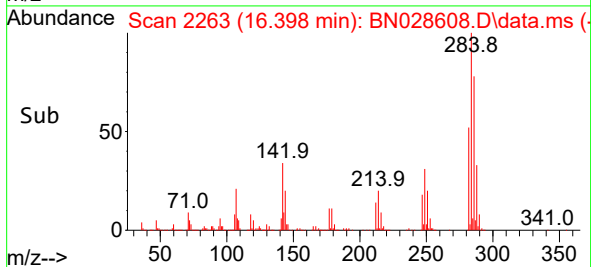
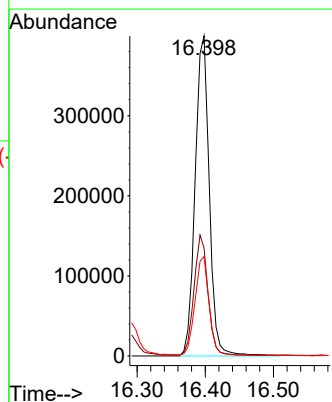
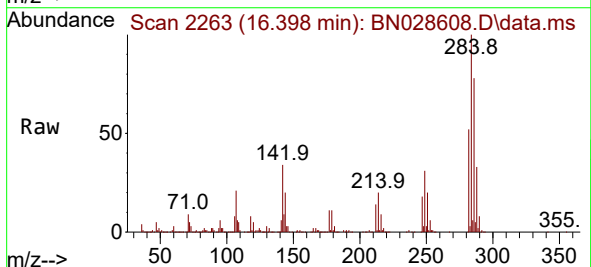
Instrument :
BNA_N
ClientSampleId :

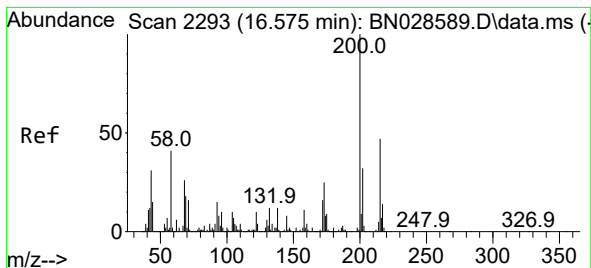
Tgt Ion:248 Resp: 457034
Ion Ratio Lower Upper
248 100
250 99.2 80.7 121.1
141 77.3 62.2 93.4



#69
Hexachlorobenzene
Concen: 36.158 ng/ul
RT: 16.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:284 Resp: 574244
Ion Ratio Lower Upper
284 100
142 33.8 29.7 44.5
249 31.0 25.6 38.4





#70

Atrazine

Concen: 37.068 ng/ul

RT: 16.569 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

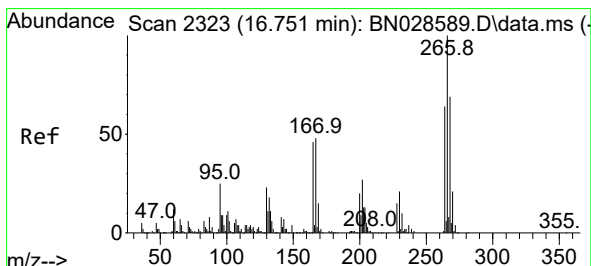
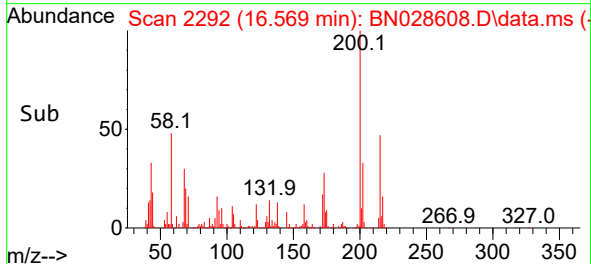
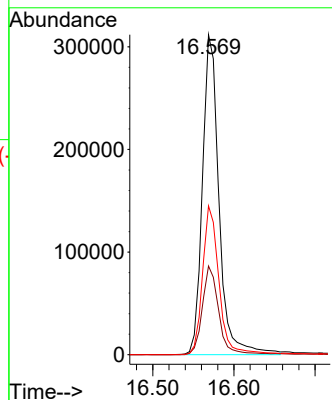
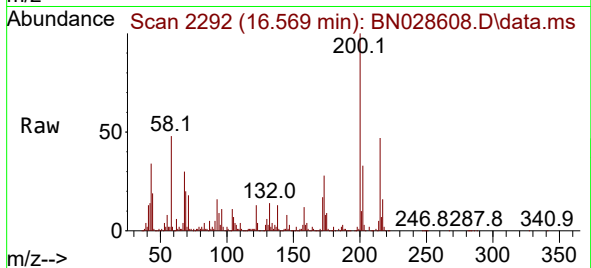
Tgt Ion:200 Resp: 443032

Ion Ratio Lower Upper

200 100

173 27.7 20.0 30.0

215 46.5 37.6 56.4



#71

Pentachlorophenol

Concen: 37.686 ng/ul

RT: 16.745 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

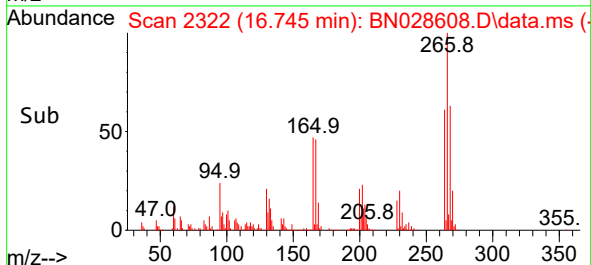
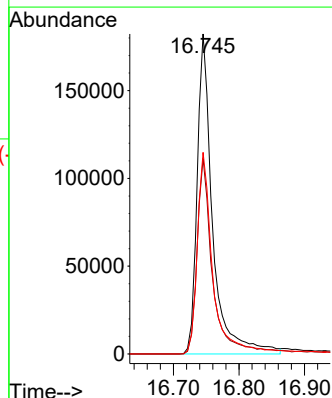
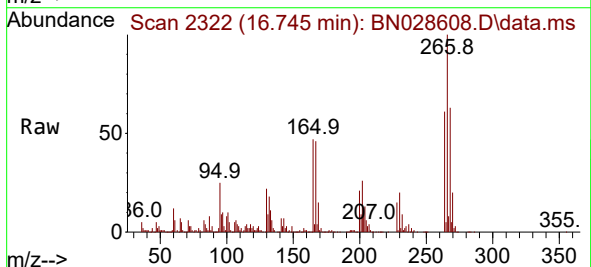
Tgt Ion:266 Resp: 300190

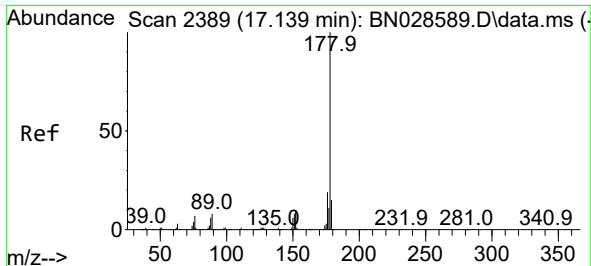
Ion Ratio Lower Upper

266 100

264 61.1 50.9 76.3

268 63.0 55.3 82.9

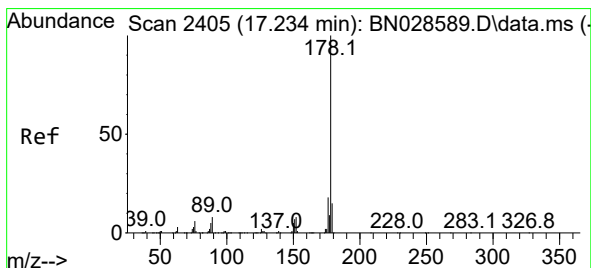
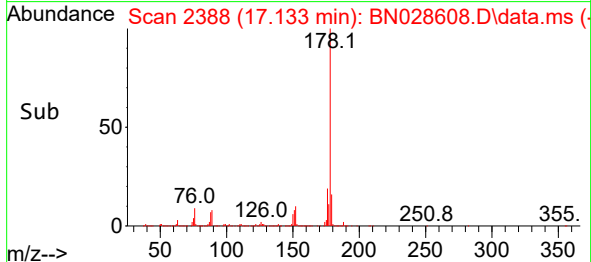
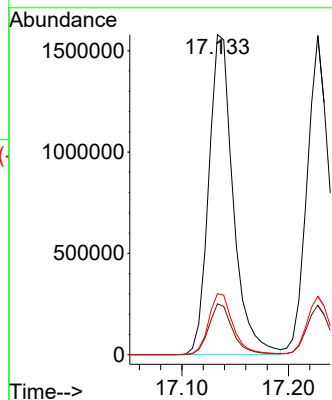
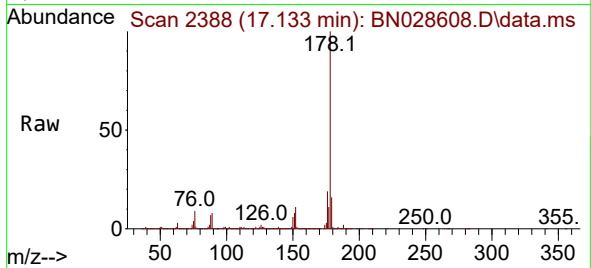




#72
Phenanthrene
Concen: 35.589 ng/ul
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

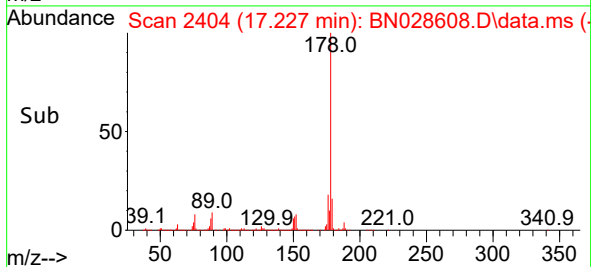
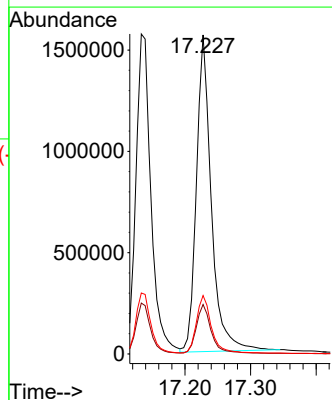
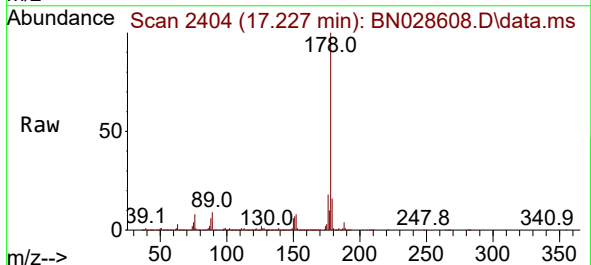
Instrument :
BNA_N
ClientSampleId :

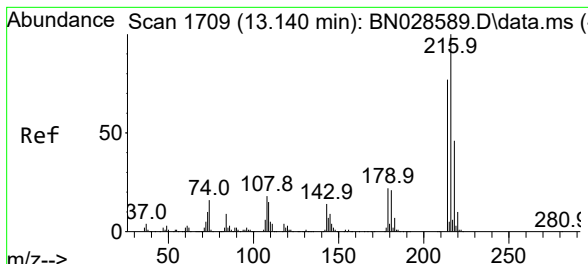
Tgt Ion:178 Resp: 2524655
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 19.0 15.4 23.2



#74
Anthracene
Concen: 33.408 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. -0.007 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:178 Resp: 2475202
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 18.3 14.3 21.5

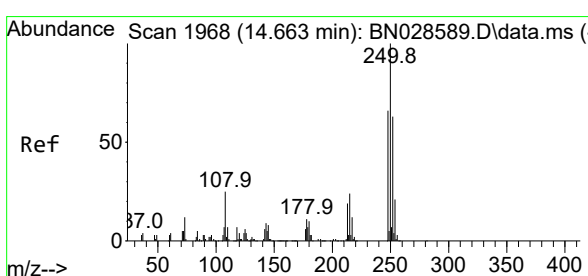
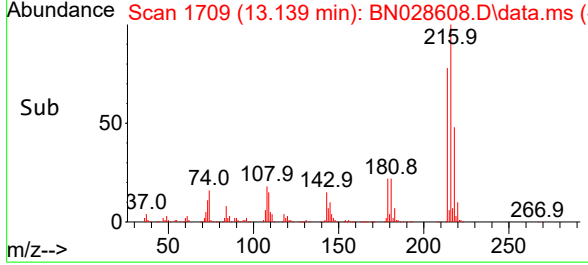
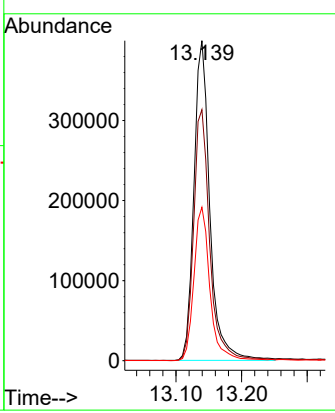
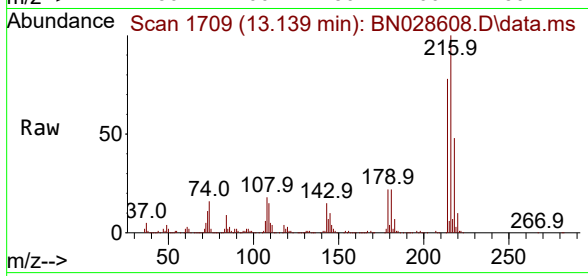




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 34.965 ng/uL
 RT: 13.139 min Scan# 1709
 Delta R.T. -0.001 min
 Lab File: BN028608.D
 Acq: 14 Nov 2023 18:23

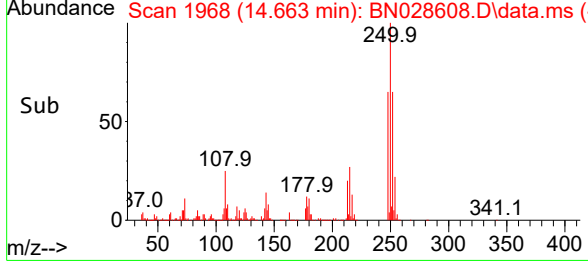
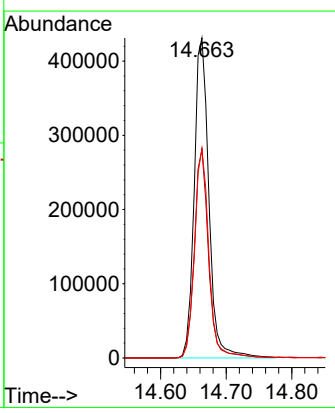
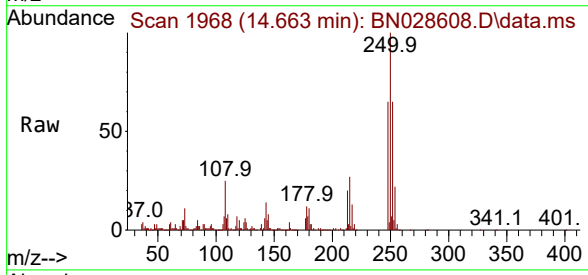
Instrument :
 BNA_N
 ClientSampleId :

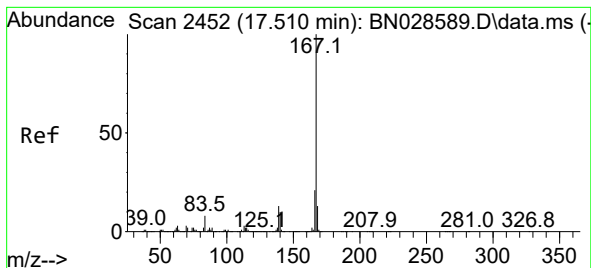
Tgt Ion:	216	Resp:	677236
Ion Ratio	Lower	Upper	
216	100		
214	78.5	61.4	92.2
218	48.0	37.0	55.6



#76
 Pentachlorobenzene
 Concen: 35.500 ng/uL
 RT: 14.663 min Scan# 1968
 Delta R.T. -0.000 min
 Lab File: BN028608.D
 Acq: 14 Nov 2023 18:23

Tgt Ion:	250	Resp:	673813
Ion Ratio	Lower	Upper	
250	100		
248	65.1	53.0	79.4
252	65.5	50.4	75.6





#77

Carbazole

Concen: 35.107 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

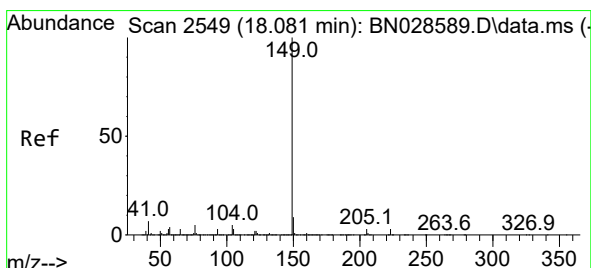
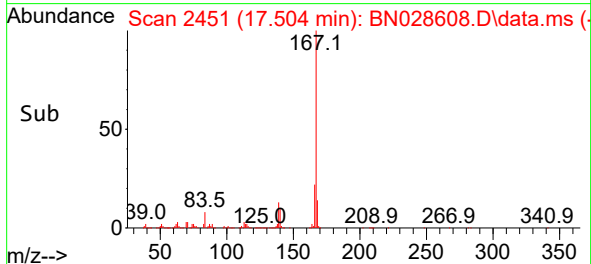
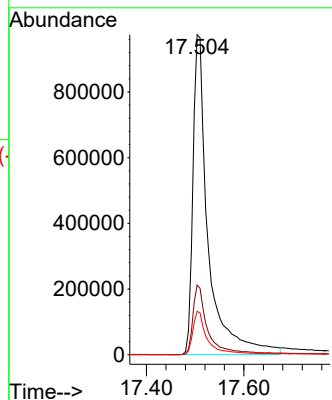
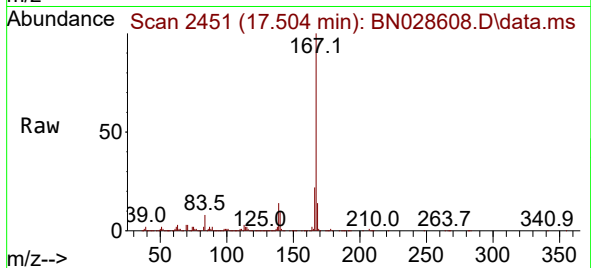
Tgt Ion:167 Resp: 2130764

Ion Ratio Lower Upper

167 100

166 21.7 16.9 25.3

139 13.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 35.998 ng/ul

RT: 18.080 min Scan# 2549

Delta R.T. -0.001 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

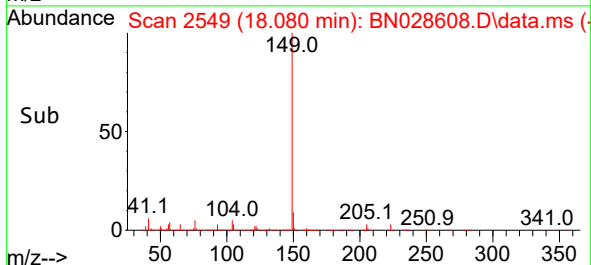
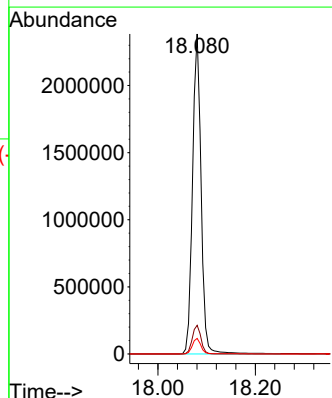
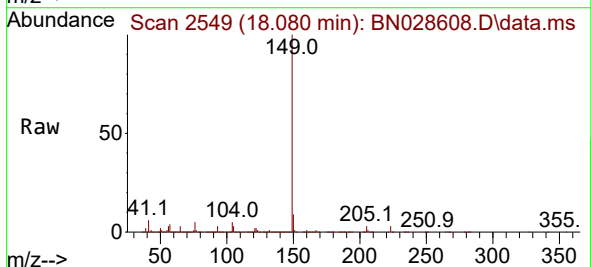
Tgt Ion:149 Resp: 2918838

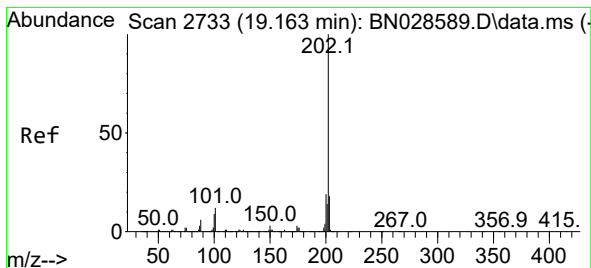
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.9 3.9 5.9





#80

Fluoranthene

Concen: 35.751 ng/ul

RT: 19.163 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

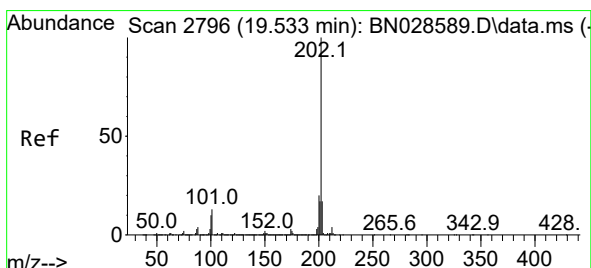
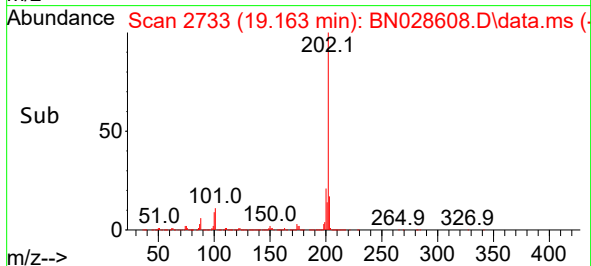
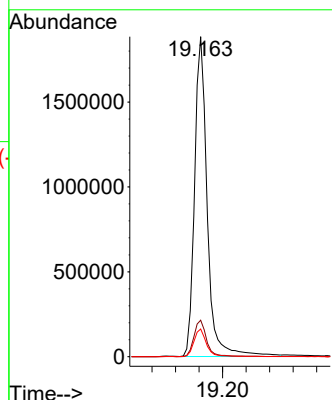
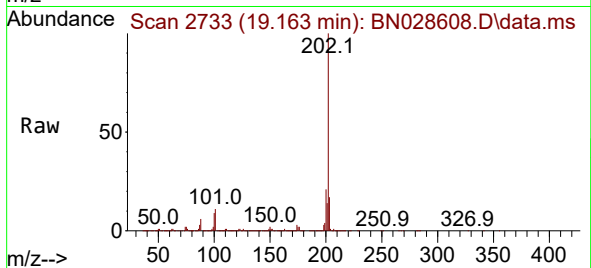
Tgt Ion:202 Resp: 2810756

Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.0

100 8.6 7.1 10.7



#82

Pyrene

Concen: 36.330 ng/ul

RT: 19.527 min Scan# 2795

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

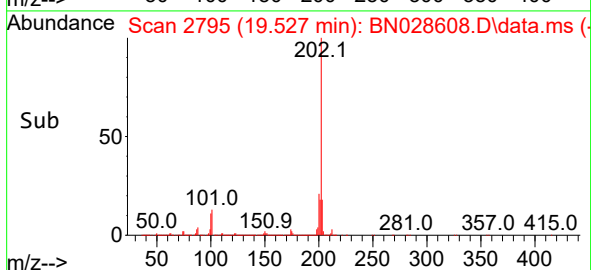
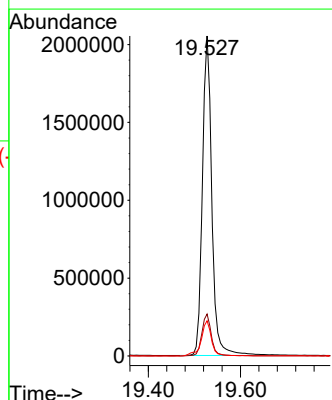
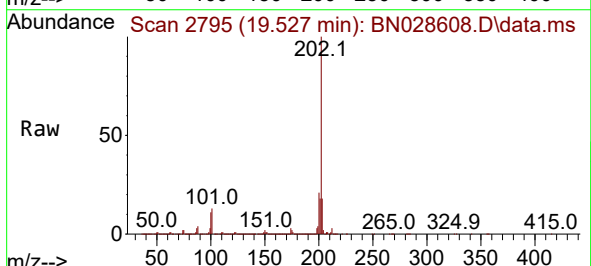
Tgt Ion:202 Resp: 2946012

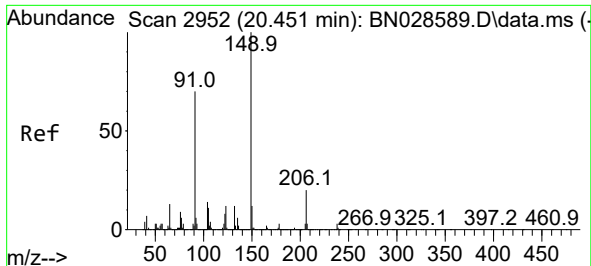
Ion Ratio Lower Upper

202 100

101 13.1 10.4 15.6

100 11.0 8.2 12.2

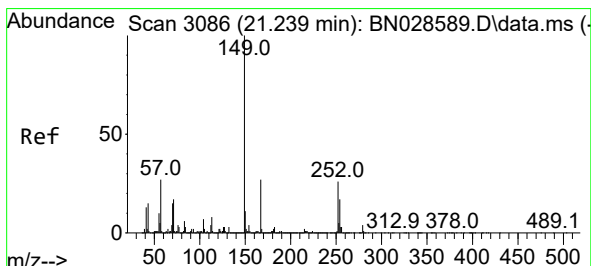
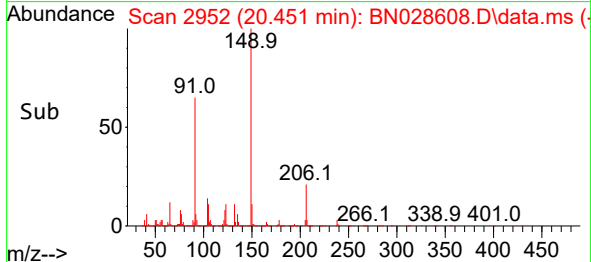
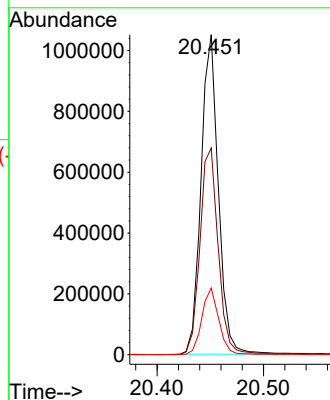
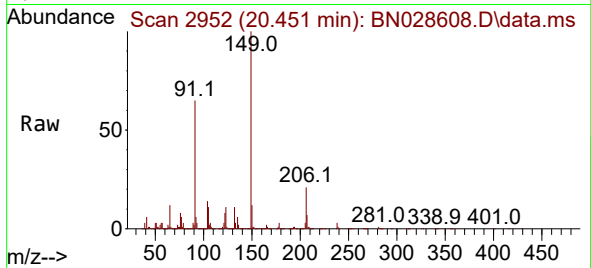




#83
Butylbenzylphthalate
Concen: 35.167 ng/ul
RT: 20.451 min Scan# 2952
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

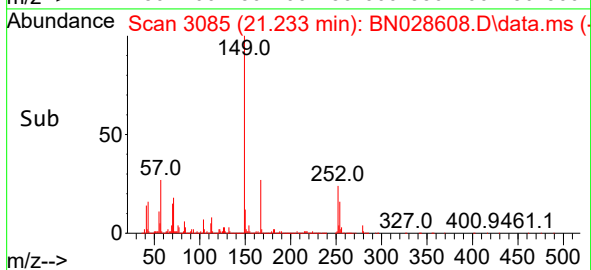
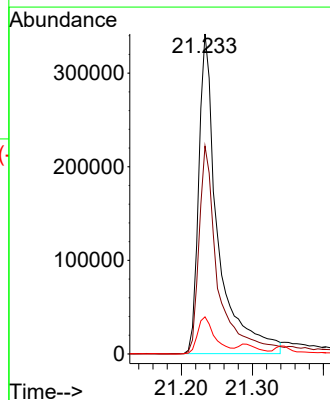
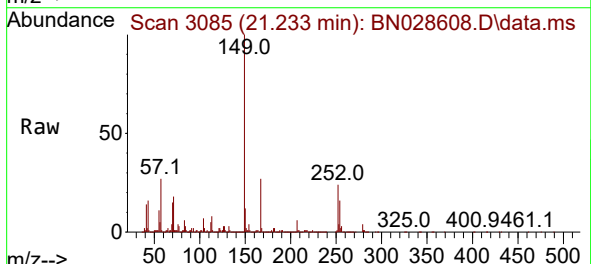
Instrument :
BNA_N
ClientSampleId :

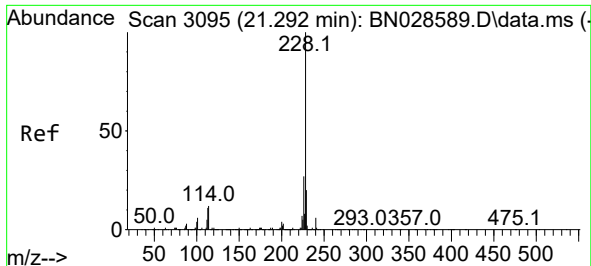
Tgt Ion:149 Resp: 1190795
Ion Ratio Lower Upper
149 100
91 64.6 55.9 83.9
206 20.9 15.9 23.9



#84
3,3'-Dichlorobenzidine
Concen: 31.819 ng/ul
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:252 Resp: 642081
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.8
126 11.6 10.1 15.1

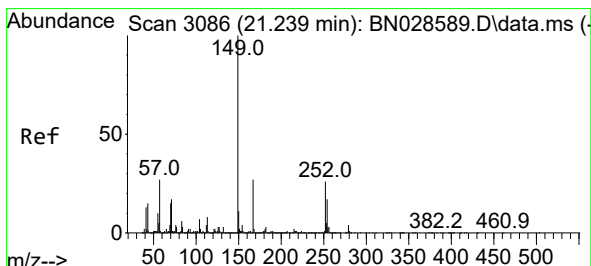
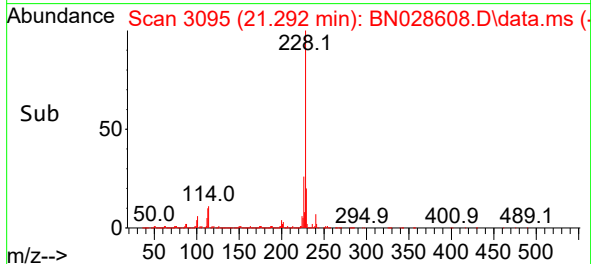
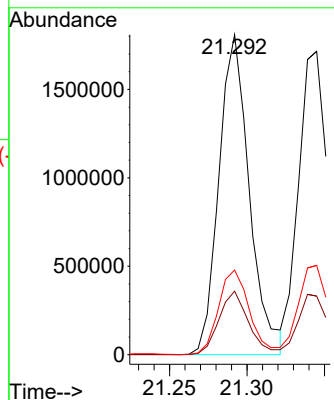
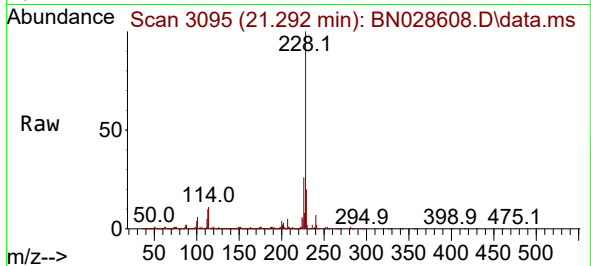




#85
Benzo(a)anthracene
Concen: 35.372 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

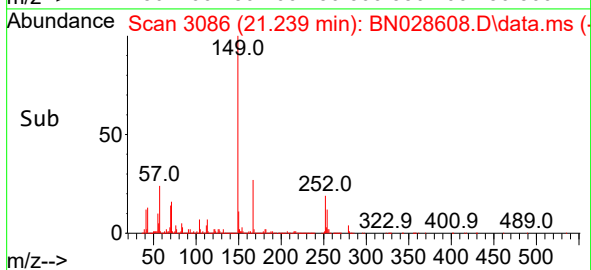
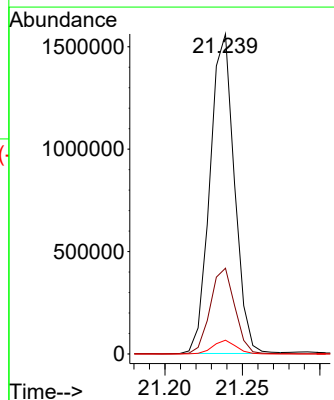
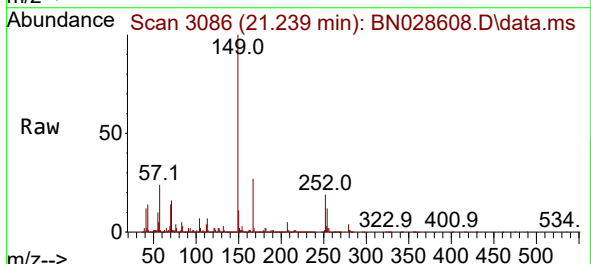
Instrument :
BNA_N
ClientSampleId :

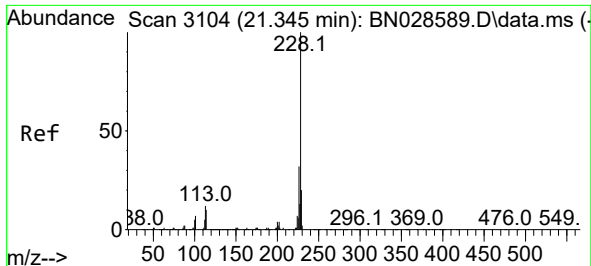
Tgt Ion:228 Resp: 2470540
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 26.4 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 35.952 ng/ul
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:149 Resp: 1711453
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 4.3 3.0 4.4

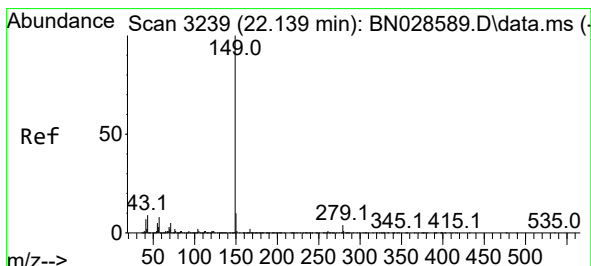
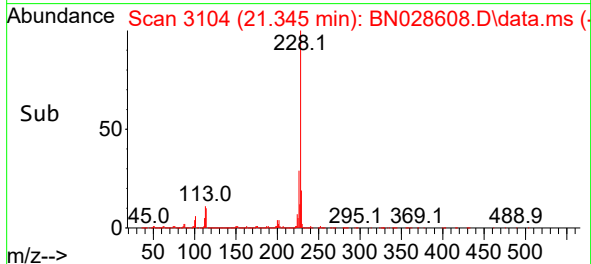
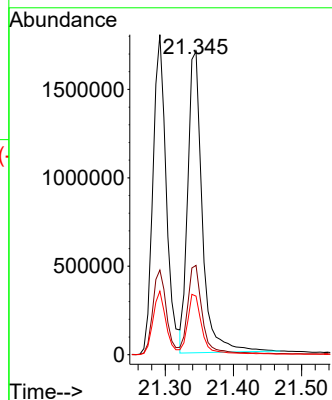
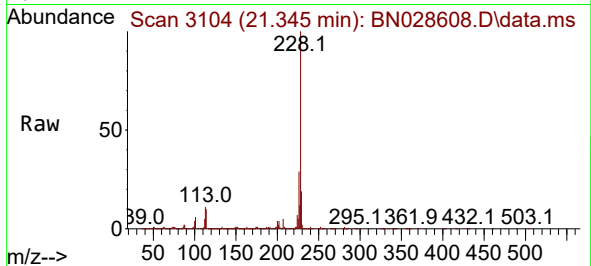




#87
Chrysene
Concen: 34.581 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

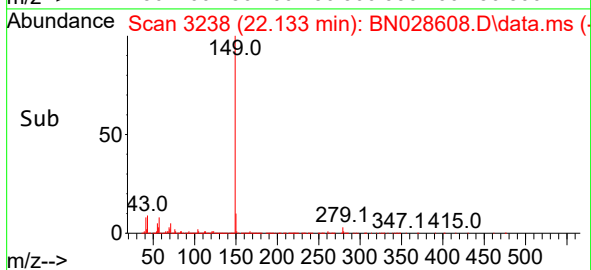
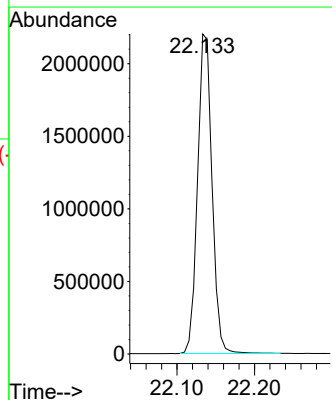
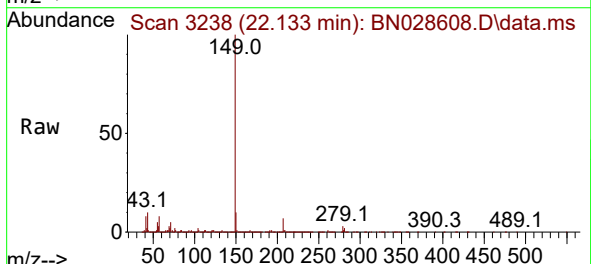
Instrument :
BNA_N
ClientSampleId :

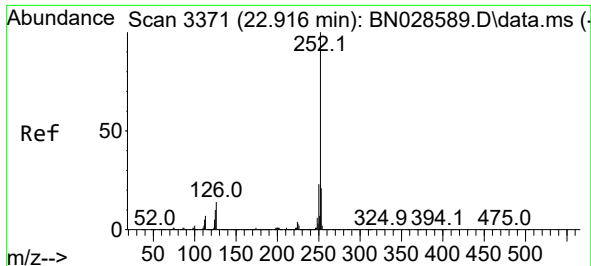
Tgt Ion:228 Resp: 2498343
Ion Ratio Lower Upper
228 100
226 29.4 25.1 37.7
229 19.3 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 38.981 ng/ul
RT: 22.133 min Scan# 3238
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:149 Resp: 2853629

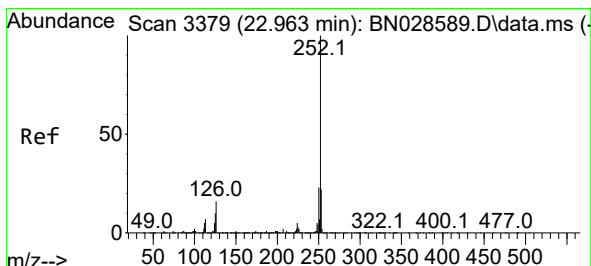
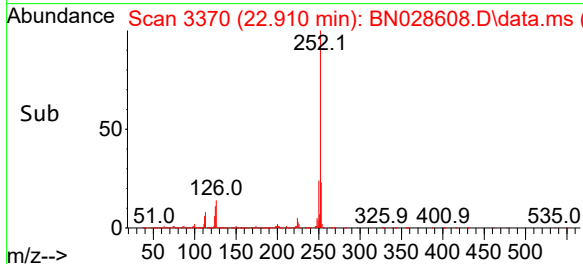
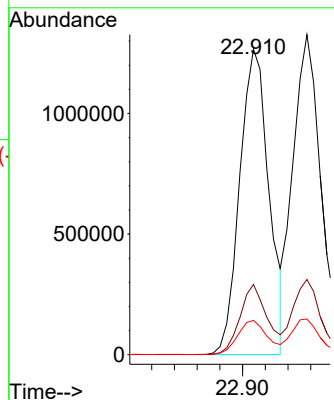
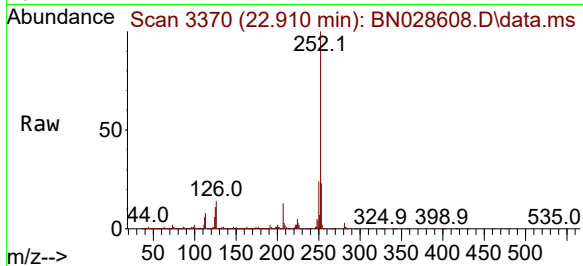




#90
Benzo(b)fluoranthene
Concen: 36.898 ng/ul
RT: 22.910 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

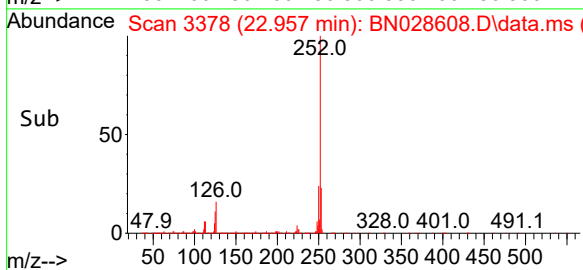
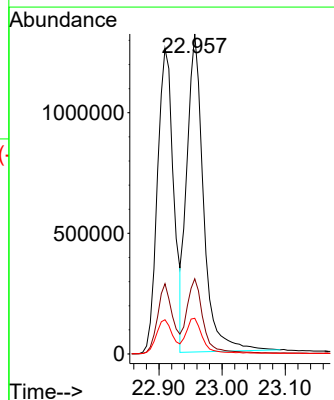
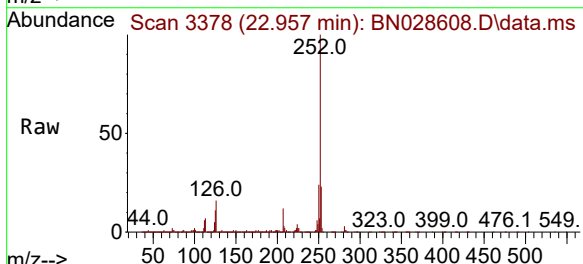
Instrument :
BNA_N
ClientSampleId :

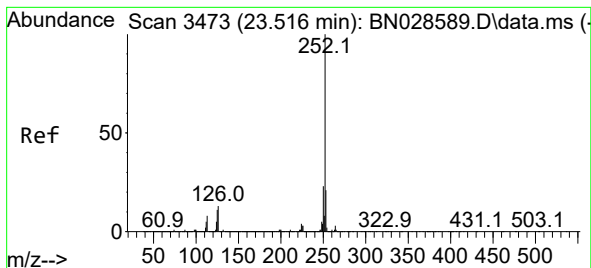
Tgt Ion:252 Resp: 2263763
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 11.2 8.6 12.8



#91
Benzo(k)fluoranthene
Concen: 35.055 ng/ul
RT: 22.957 min Scan# 3378
Delta R.T. -0.006 min
Lab File: BN028608.D
Acq: 14 Nov 2023 18:23

Tgt Ion:252 Resp: 2412668
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 11.1 8.6 13.0





#93

Benzo(a)pyrene

Concen: 36.330 ng/ul

RT: 23.509 min Scan# 34

Delta R.T. -0.006 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

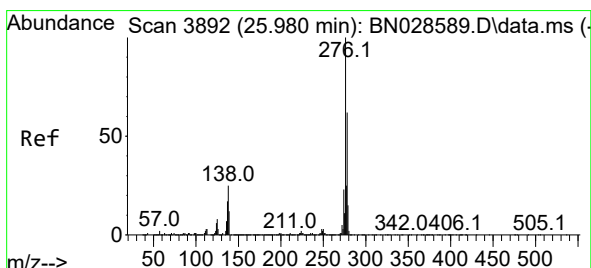
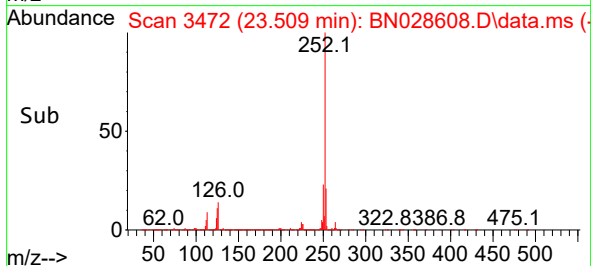
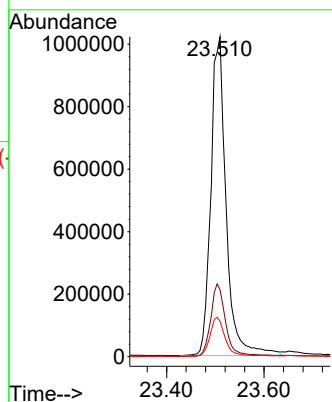
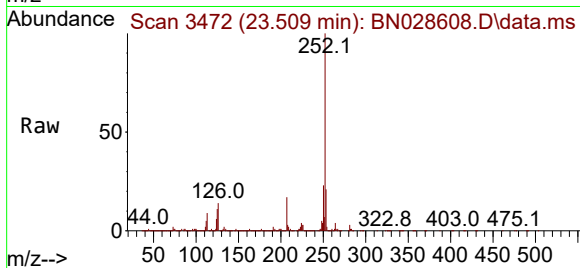
Tgt Ion:252 Resp: 2217932

Ion Ratio Lower Upper

252 100

253 20.9 17.2 25.8

125 11.0 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.933 ng/ul

RT: 25.968 min Scan# 3890

Delta R.T. -0.012 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

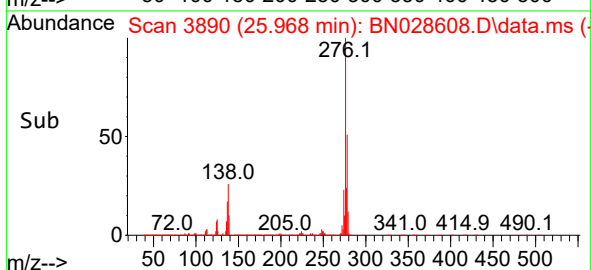
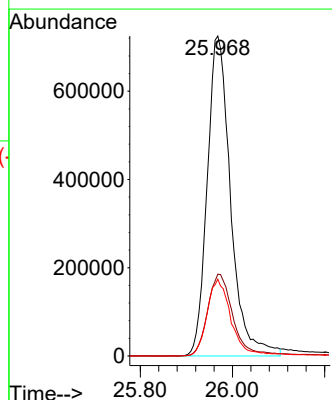
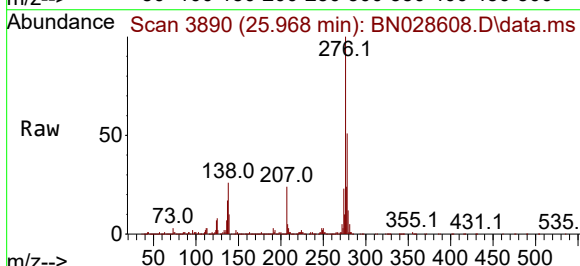
Tgt Ion:276 Resp: 2563757

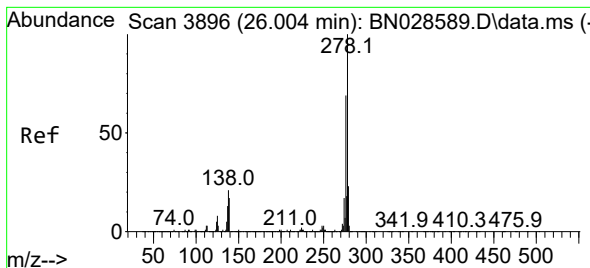
Ion Ratio Lower Upper

276 100

138 25.6 20.4 30.6

277 24.0 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 35.570 ng/ul

RT: 25.986 min Scan# 3893

Delta R.T. -0.018 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Instrument :

BNA_N

ClientSampleId :

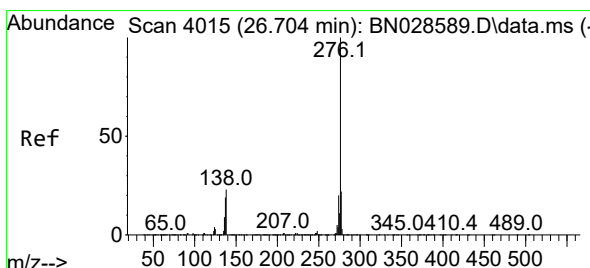
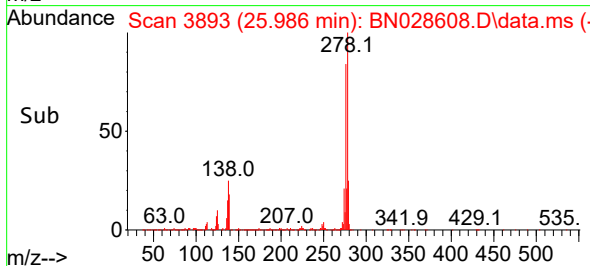
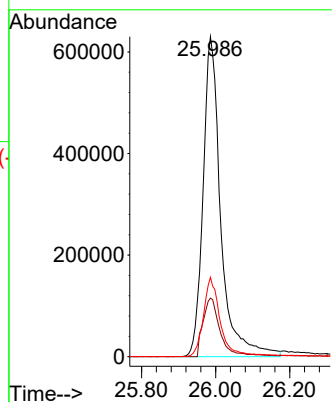
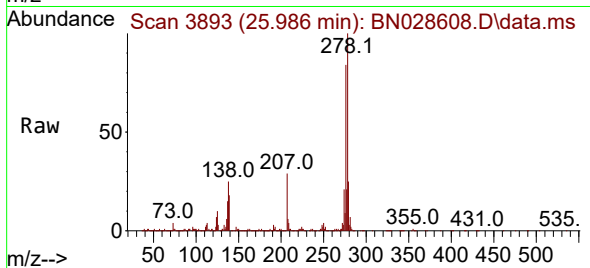
Tgt Ion:278 Resp: 2092145

Ion Ratio Lower Upper

278 100

139 18.3 13.4 20.2

279 24.8 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 37.194 ng/ul

RT: 26.692 min Scan# 4013

Delta R.T. -0.012 min

Lab File: BN028608.D

Acq: 14 Nov 2023 18:23

Tgt Ion:276 Resp: 2093947

Ion Ratio Lower Upper

276 100

138 23.5 18.5 27.7

277 23.5 17.3 25.9

