

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023774.D
 Acq On : 24 Jan 2023 13:14
 Operator : CG/JU
 Sample : 01226-09MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 23:56:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 23:52:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	228609	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	986359	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	594081	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1149490	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	815664	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	807328	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	23059	4.341	ng/uL	0.00
4) Pyridine-d5	3.699	84	236805	14.857	ng/u1	0.00
7) Phenol-d5	7.051	99	129972	6.415	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	291221	23.430	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	298997	19.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	243825	15.077	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	187739	25.241	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	197132	25.037	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	372405	24.797	ng/u1	0.00
31) 4-Chloroaniline-d4	10.839	131	631941	26.751	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1274163	28.832	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	1346106	27.491	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	46459	5.164	ng/u1	0.00
60) Fluorene-d10	15.527	176	1025370	27.153	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	163263	23.544	ng/u1	0.00
73) Anthracene-d10	17.380	188	1329623	25.849	ng/u1	0.00
81) Pyrene-d10	19.674	212	1487898	31.896	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	1126599	28.218	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	23708	4.227	ng/uL	96
5) Pyridine	3.716	79	256312	15.708	ng/u1	95
6) Benzaldehyde	7.022	77	316551	40.342	ng/u1	99
8) Phenol	7.075	94	153281	7.432	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	434465	26.661	ng/u1	98
12) 2-Chlorophenol	7.445	128	351809	21.939	ng/u1	99
13) 2-Methylphenol	8.334	108	304385	19.611	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	595148	27.307	ng/u1	99
16) Acetophenone	8.716	105	675460	27.024	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	362512	28.805	ng/u1	100
18) 4-Methylphenol	8.669	108	292413	17.108	ng/u1	99
19) Hexachloroethane	8.969	117	164484	25.647	ng/u1	97
22) Nitrobenzene	9.098	77	528877	28.411	ng/u1	99
23) Isophorone	9.628	82	1024061	30.418	ng/u1	100
25) 2-Nitrophenol	9.810	139	245784	28.083	ng/u1	97
26) 2,4-Dimethylphenol	9.875	107	439315	24.734	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.110	93	619391	28.364	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	412738	27.466	ng/u1	98
30) Naphthalene	10.751	128	1420621	26.792	ng/u1	98
32) 4-Chloroaniline	10.863	127	653124	27.605	ng/u1	99
33) Hexachlorobutadiene	11.028	225	233611	25.134	ng/u1	97
34) Caprolactam	11.657	113	19029	3.770	ng/u1	97
35) 4-Chloro-3-methylphenol	11.986	107	467183	28.512	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	977021	27.641	ng/u1	97

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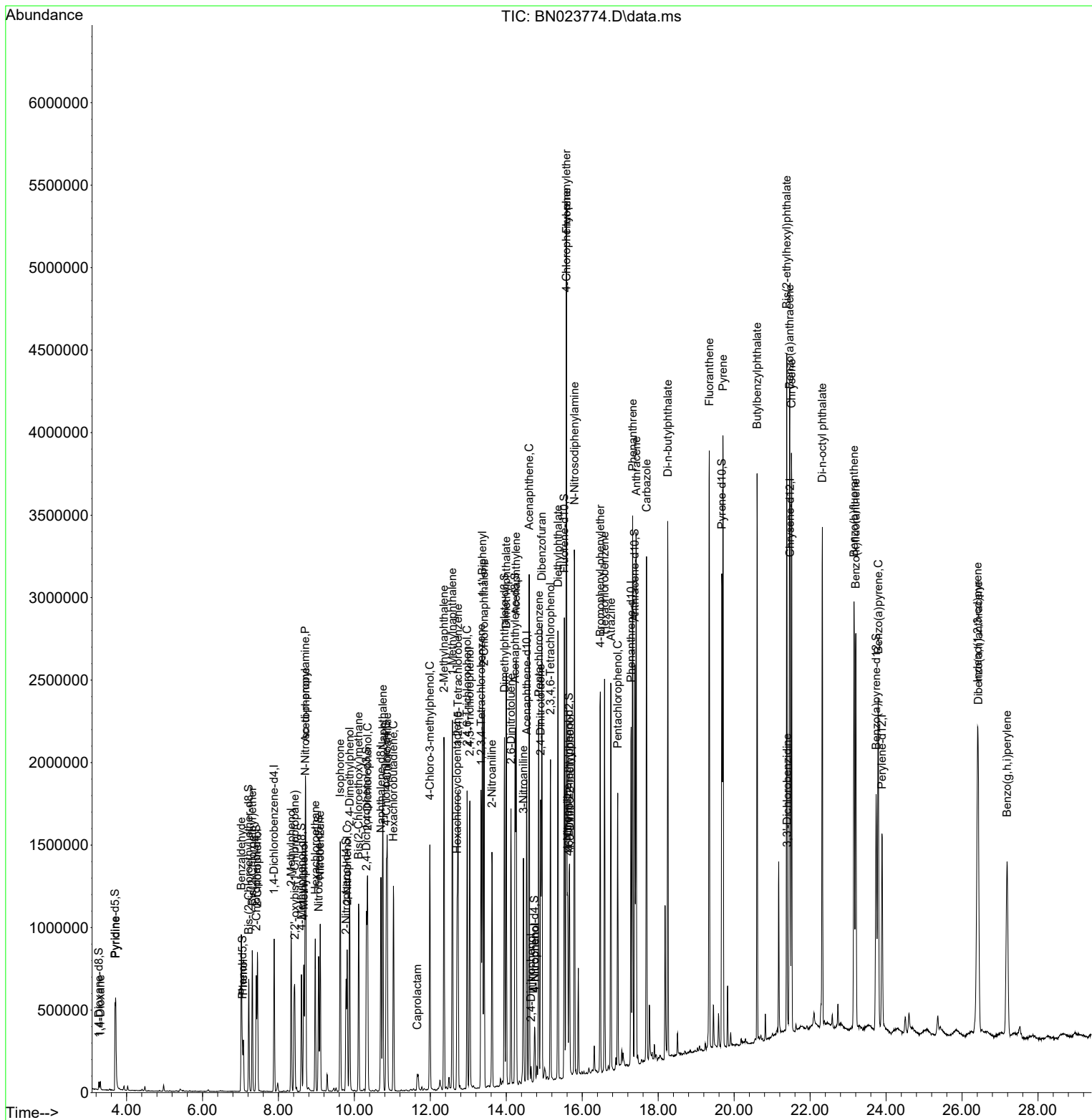
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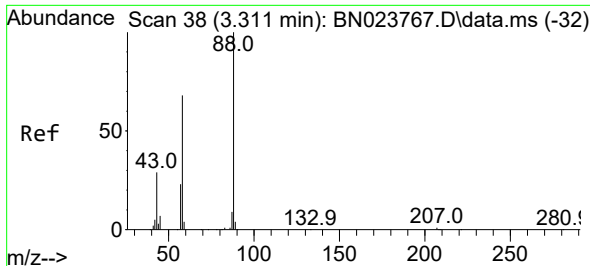
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	997436	27.620	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	495407	28.196	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	252714	22.821	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	374240	32.313	ng/ul	95
42) 2,4,5-Trichlorophenol	13.039	196	409373	32.321	ng/ul	86
43) 1,1'-Biphenyl	13.369	154	1334366	29.113	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	1039626	29.237	ng/ul	100
45) 2-Nitroaniline	13.622	65	368613	37.590	ng/ul	98
47) Dimethylphthalate	13.998	163	1463049	32.946	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	301541	35.919	ng/ul	99
50) Acenaphthylene	14.257	152	1702903	31.277	ng/ul	99
51) 3-Nitroaniline	14.451	138	307470	36.548	ng/ul	97
52) Acenaphthene	14.604	153	1170804	30.502	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	16968	3.092	ng/ul#	83
55) 4-Nitrophenol	14.757	109	42489	5.848	ng/ul	98
56) Dibenzofuran	14.933	168	1623461	30.385	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	433290	35.354	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.163	232	349724	32.223	ng/ul	95
59) Diethylphthalate	15.363	149	1489156	33.477	ng/ul	99
61) Fluorene	15.586	166	1323324	30.586	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.580	204	646237	30.681	ng/ul	97
63) 4-Nitroaniline	15.616	138	282212	36.435	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	183443	26.807	ng/ul	100
67) N-Nitrosodiphenylamine	15.792	169	1182004	36.641	ng/ul	99
68) 4-Bromophenyl-phenylether	16.474	248	399140	34.642	ng/ul	98
69) Hexachlorobenzene	16.586	284	449335	33.279	ng/ul	99
70) Atrazine	16.757	200	417054	34.544	ng/ul	98
71) Pentachlorophenol	16.933	266	266941	30.978	ng/ul	97
72) Phenanthrene	17.327	178	1853151	30.087	ng/ul	98
74) Anthracene	17.421	178	1881560	30.695	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	505935	32.692	ng/ul	98
76) Pentachlorobenzene	14.857	250	515424	33.249	ng/ul	97
77) Carbazole	17.692	167	1785313	32.076	ng/ul	99
78) Di-n-butylphthalate	18.251	149	2234406	33.812	ng/ul	99
80) Fluoranthene	19.345	202	2053535	37.637	ng/ul	99
82) Pyrene	19.704	202	2067540	35.876	ng/ul	98
83) Butylbenzylphthalate	20.604	149	948416	41.568	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	106738	5.990	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1778062	32.181	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1339019	40.420	ng/ul	99
87) Chrysene	21.509	228	1688246	32.589	ng/ul	98
89) Di-n-octyl phthalate	22.321	149	2075875	37.256	ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	1716286	33.374	ng/ul	99
91) Benzo(k)fluoranthene	23.203	252	1543351	30.342	ng/ul	99
93) Benzo(a)pyrene	23.792	252	1463377	32.811	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.409	276	1679493	30.470	ng/ul	99
95) Dibenzo(a,h)anthracene	26.427	278	1407801	30.890	ng/ul	100
96) Benzo(g,h,i)perylene	27.186	276	1371789	31.251	ng/ul	98

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

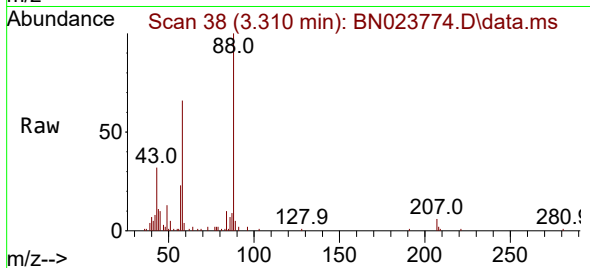
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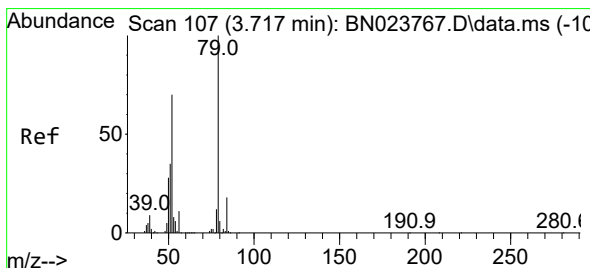
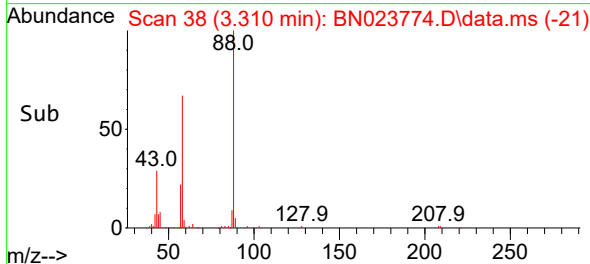
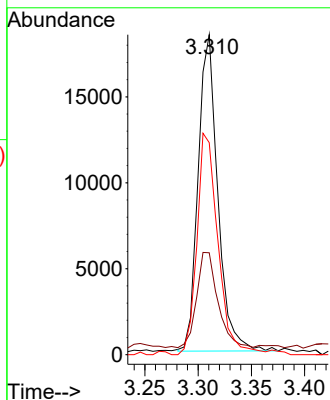
#2
 1,4-Dioxane
 Concen: 4.227 ng/uL
 RT: 3.310 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN023774.D
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Instrument :
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Tgt Ion: 88 Resp: 23708

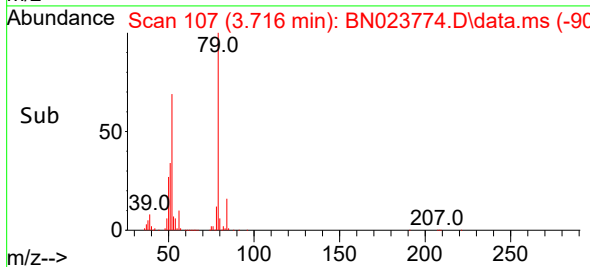
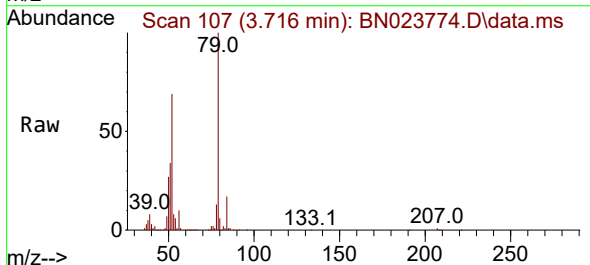
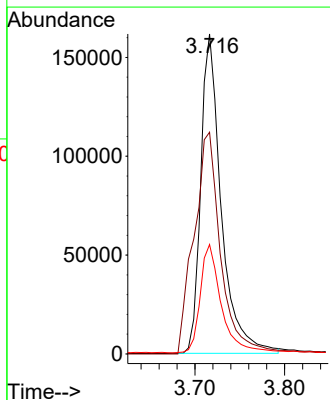
Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.6	36.8
58	66.3	56.2	84.4

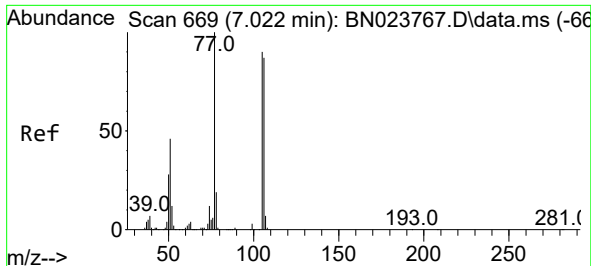


#5
 Pyridine
 Concen: 15.708 ng/uL
 RT: 3.716 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

Tgt Ion: 79 Resp: 256312

Ion	Ratio	Lower	Upper
79	100		
52	69.3	59.9	89.9
51	34.2	28.6	42.8

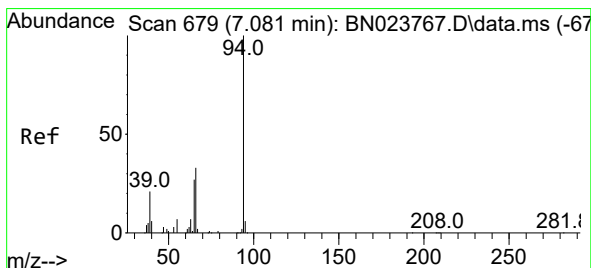
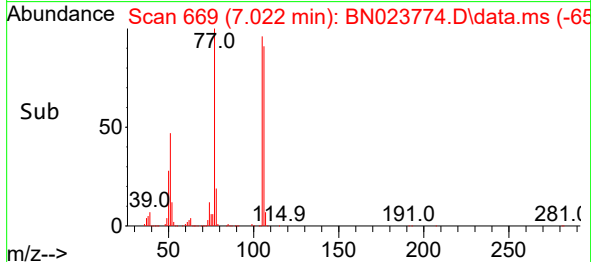
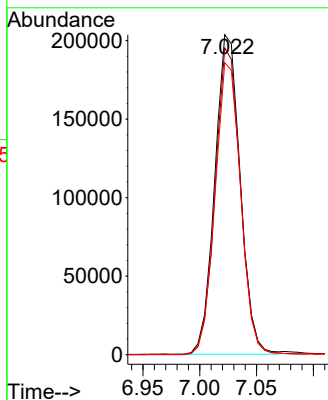
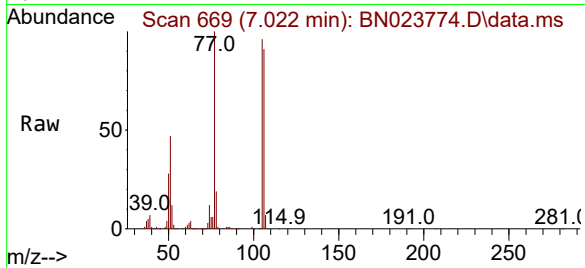




#6
Benzaldehyde
Concen: 40.342 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

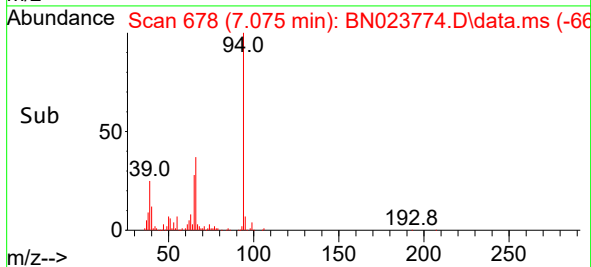
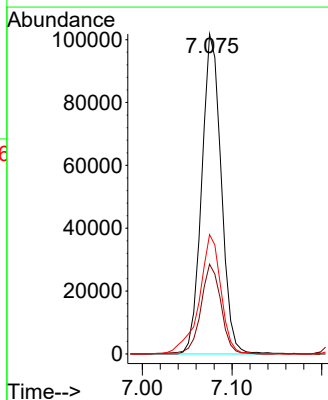
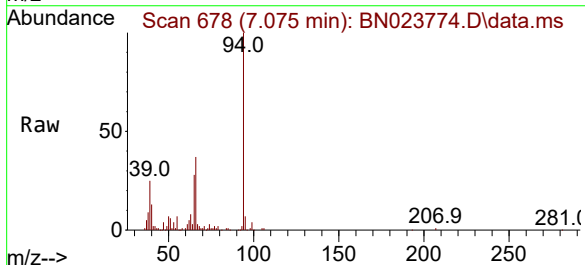
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BNA_N
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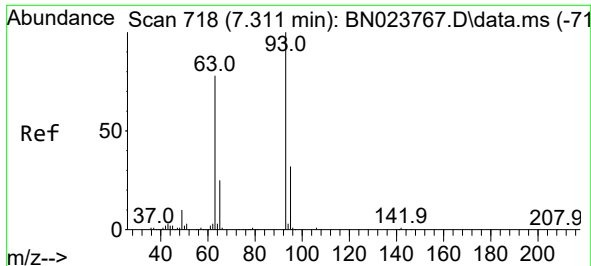
Tgt Ion: 77 Resp: 316551
Ion Ratio Lower Upper
77 100
105 95.8 75.1 112.7
106 91.2 72.8 109.2



#8
Phenol
Concen: 7.432 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

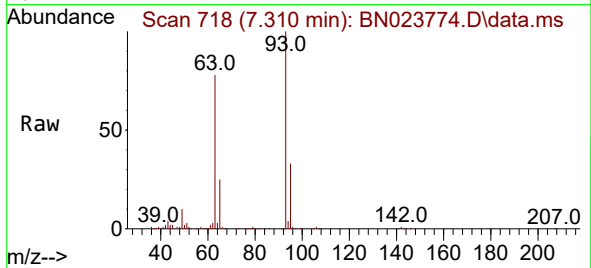
Tgt Ion: 94 Resp: 153281
Ion Ratio Lower Upper
94 100
65 28.0 23.7 35.5
66 37.3 29.9 44.9



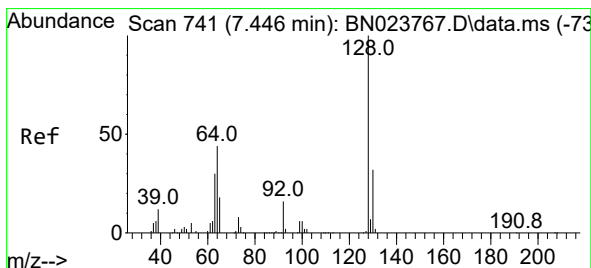
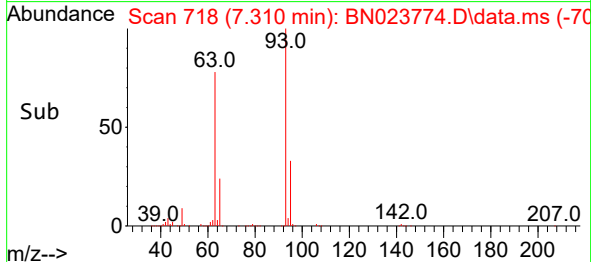
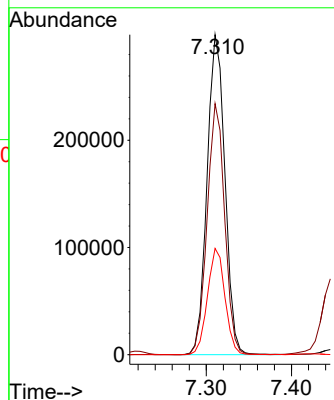


#10
Bis(2-Chloroethyl)ether
Concen: 26.661 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Instrument :
BNA_N
ClientSampleId :

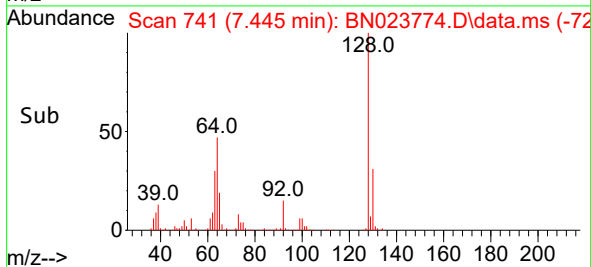
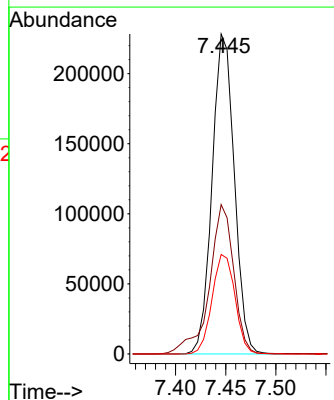
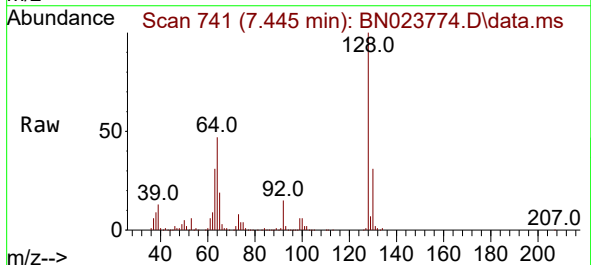


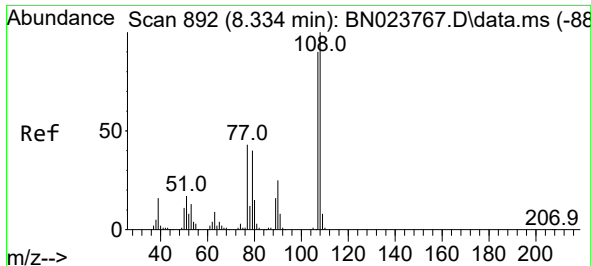
Tgt Ion: 93 Resp: 434465
Ion Ratio Lower Upper
93 100
63 78.5 61.2 91.8
95 33.2 26.6 40.0



#12
2-Chlorophenol
Concen: 21.939 ng/ul
RT: 7.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:128 Resp: 351809
Ion Ratio Lower Upper
128 100
64 46.6 37.4 56.2
130 31.1 25.6 38.4

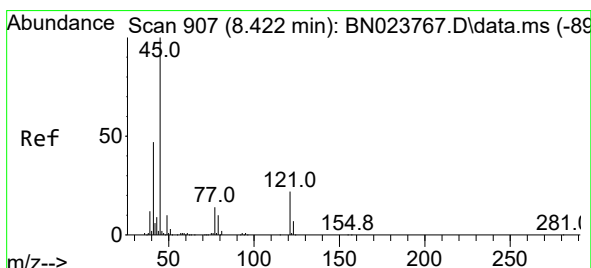
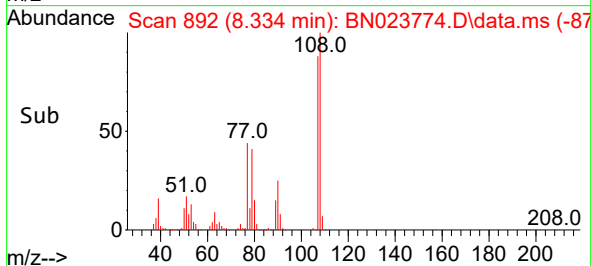
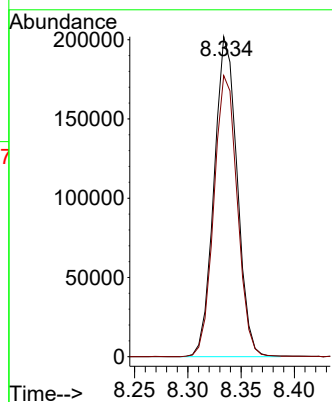
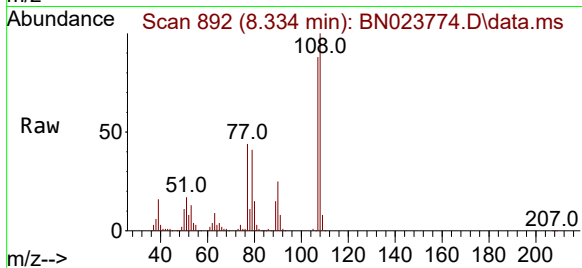




#13
2-Methylphenol
Concen: 19.611 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

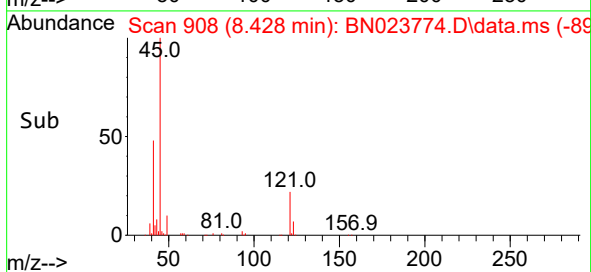
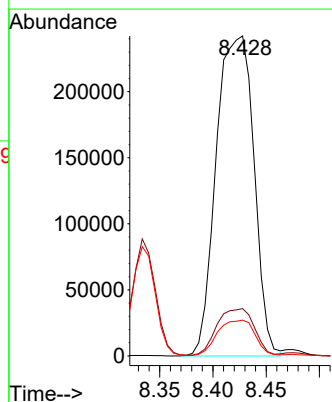
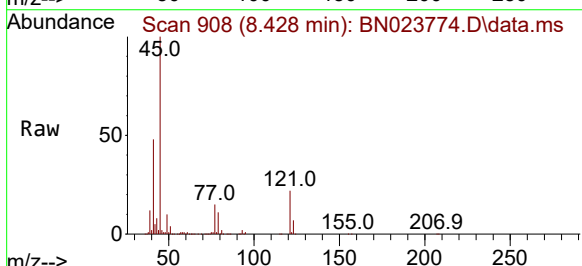
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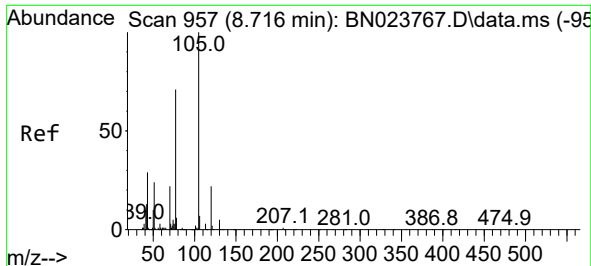
Tgt Ion:108 Resp: 304385
Ion Ratio Lower Upper
108 100
107 87.8 72.3 108.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.307 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion: 45 Resp: 595148
Ion Ratio Lower Upper
45 100
77 14.8 11.4 17.2
79 11.2 8.8 13.2

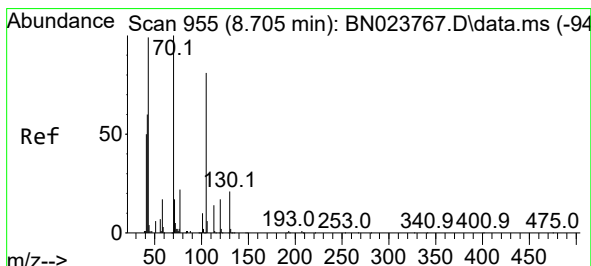
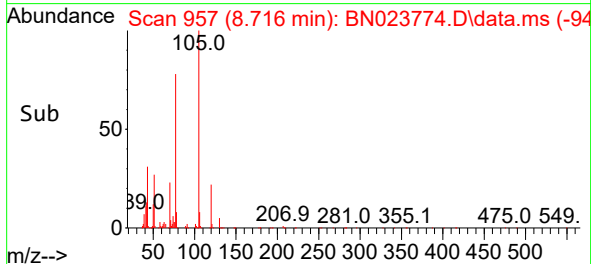
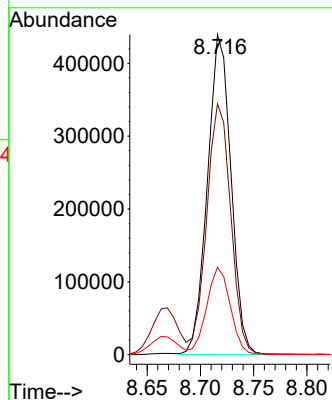
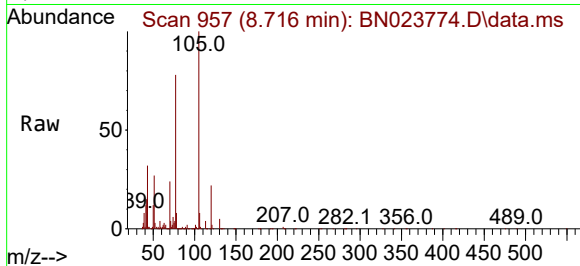




#16
Acetophenone
Concen: 27.024 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

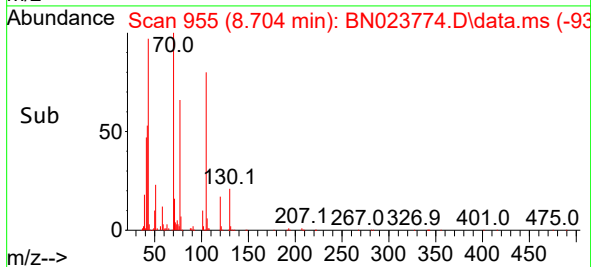
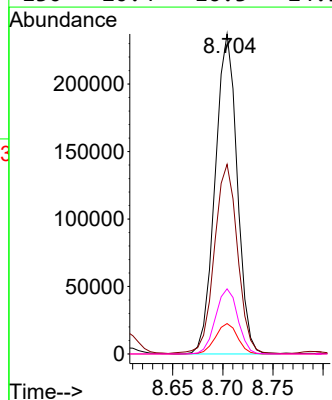
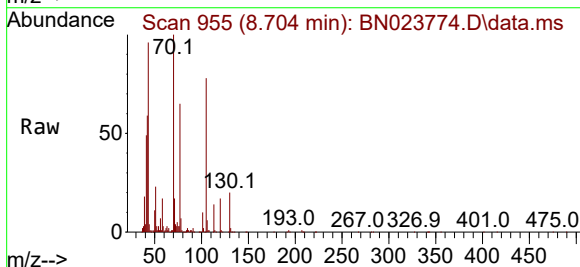
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BNA_N
ClientSampleId :

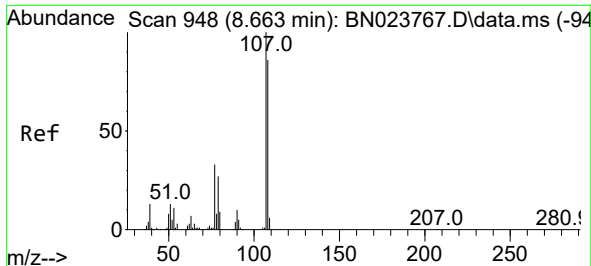
Tgt Ion:105 Resp: 675460
Ion Ratio Lower Upper
105 100
77 78.4 64.2 96.2
51 27.4 22.0 33.0



#17
N-Nitroso-di-n-propylamine
Concen: 28.805 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion: 70 Resp: 362512
Ion Ratio Lower Upper
70 100
42 59.2 47.8 71.6
101 9.5 7.8 11.6
130 20.4 16.3 24.5

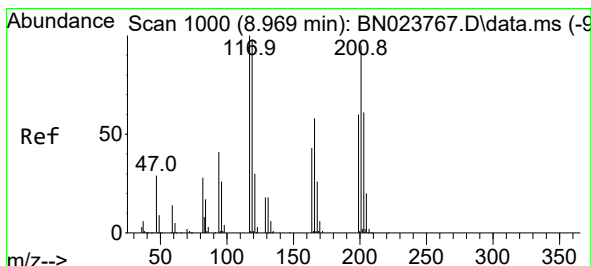
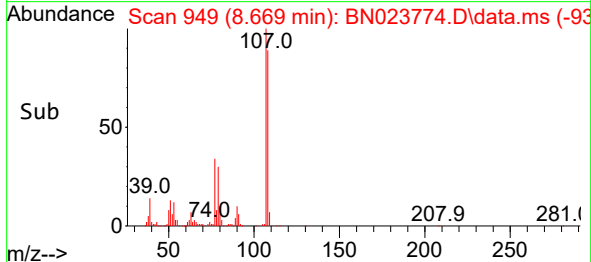
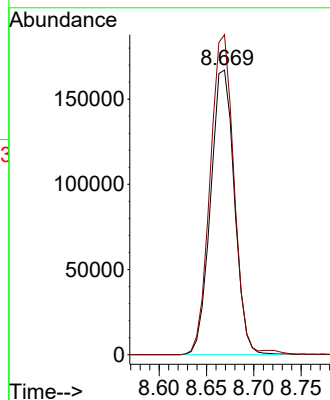
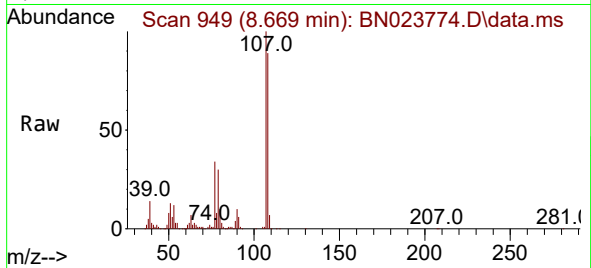




#18
4-Methylphenol
Concen: 17.108 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

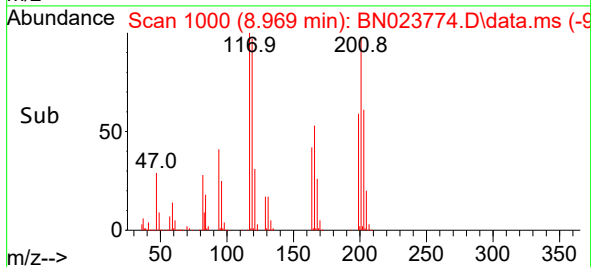
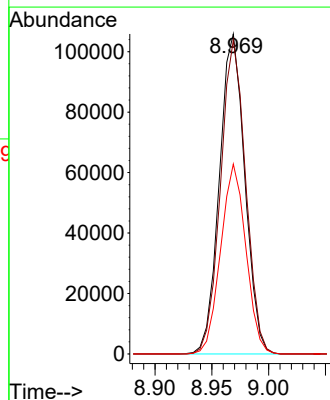
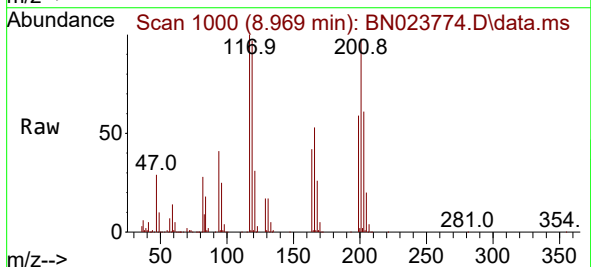
Instrument :
BNA_N
ClientSampleId :

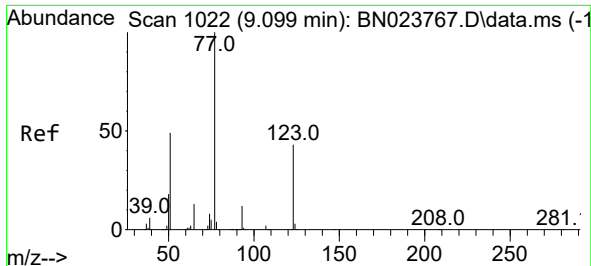
Tgt Ion:108 Resp: 292413
Ion Ratio Lower Upper
108 100
107 112.5 90.7 136.1



#19
Hexachloroethane
Concen: 25.647 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:117 Resp: 164484
Ion Ratio Lower Upper
117 100
201 98.1 76.9 115.3
199 59.4 44.6 67.0

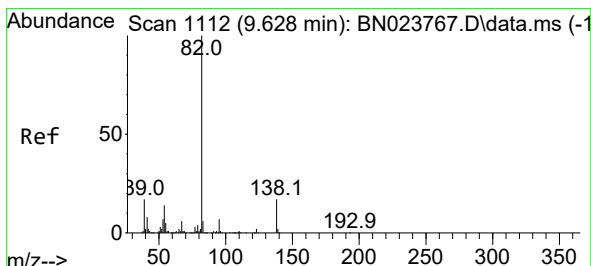
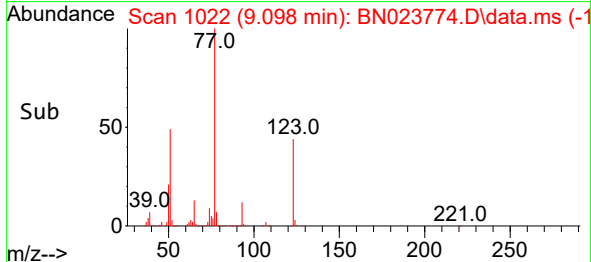
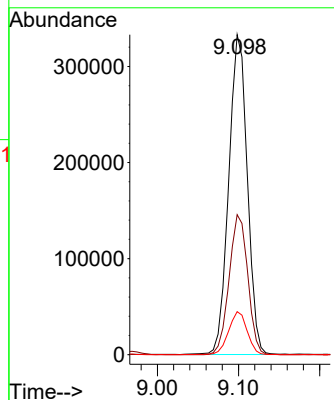
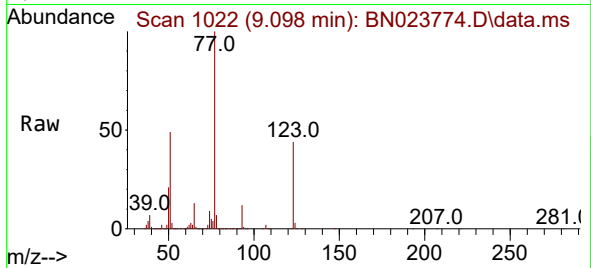




#22
Nitrobenzene
Concen: 28.411 ng/ul
RT: 9.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

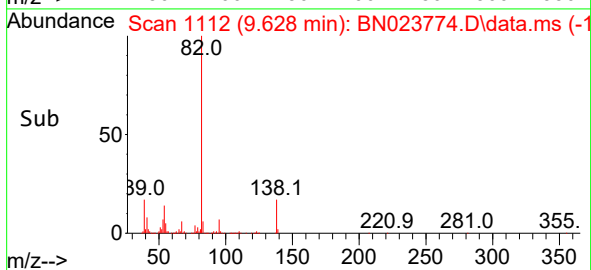
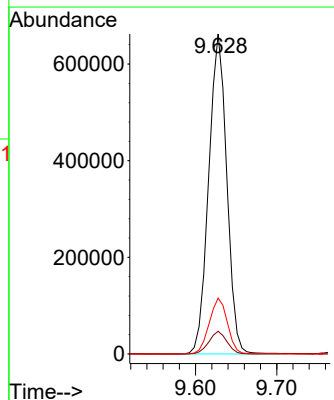
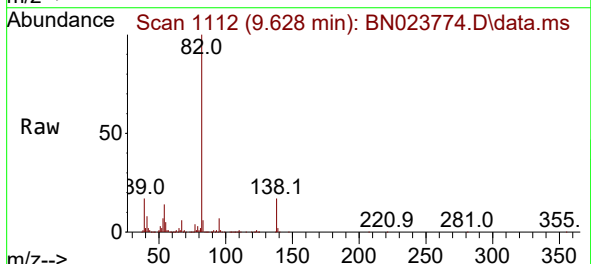
Instrument :
BNA_N
ClientSampleId :

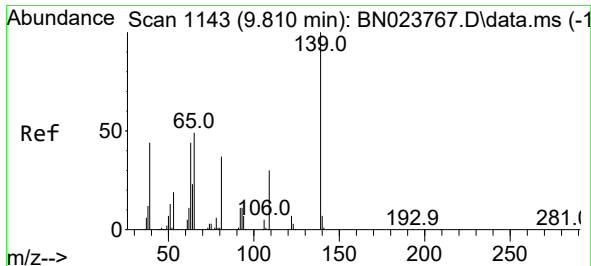
Tgt Ion: 77 Resp: 528877
Ion Ratio Lower Upper
77 100
123 43.8 35.6 53.4
65 13.5 11.0 16.4



#23
Isophorone
Concen: 30.418 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion: 82 Resp: 1024061
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.5 13.8 20.8

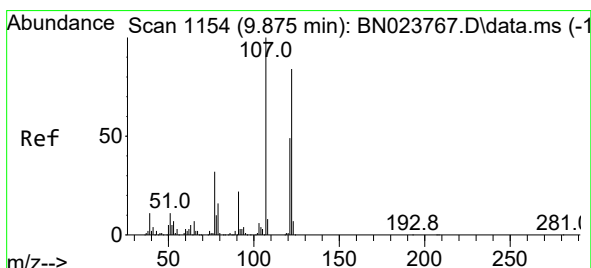
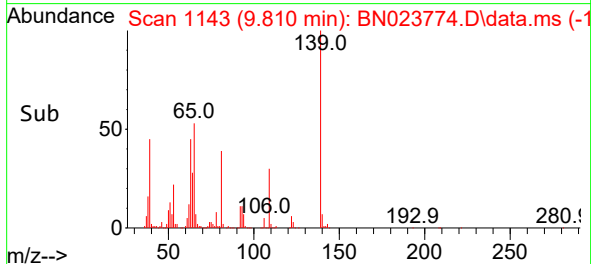
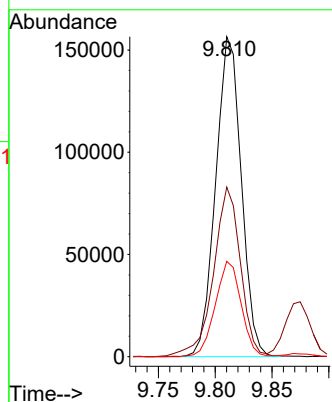
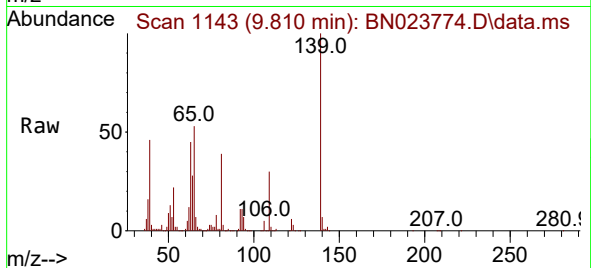




#25
2-Nitrophenol
Concen: 28.083 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

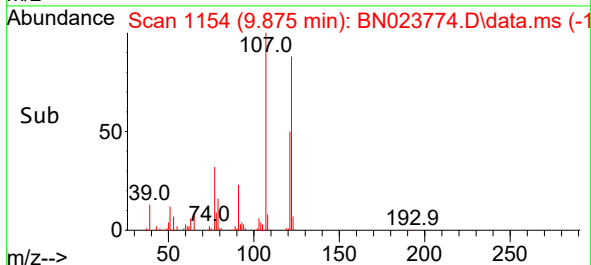
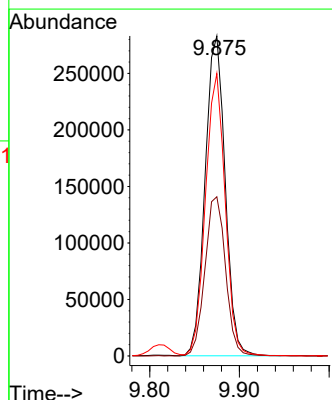
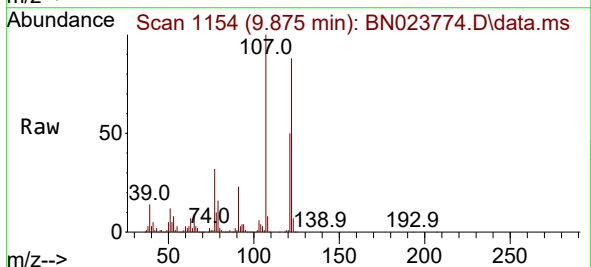
Instrument :
BNA_N
ClientSampleId :

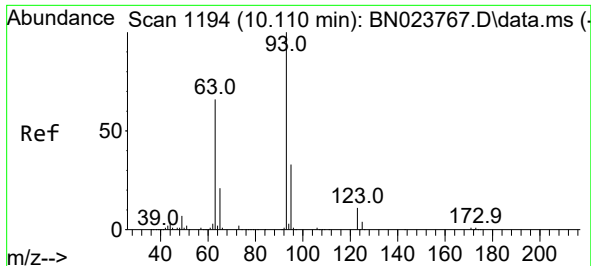
Tgt Ion:139 Resp: 245784
Ion Ratio Lower Upper
139 100
65 53.0 40.3 60.5
109 29.8 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 24.734 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:107 Resp: 439315
Ion Ratio Lower Upper
107 100
121 49.8 40.4 60.6
122 88.2 67.0 100.4

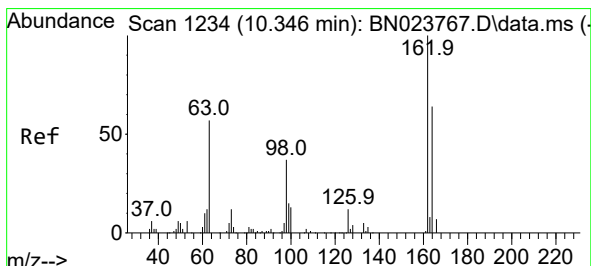
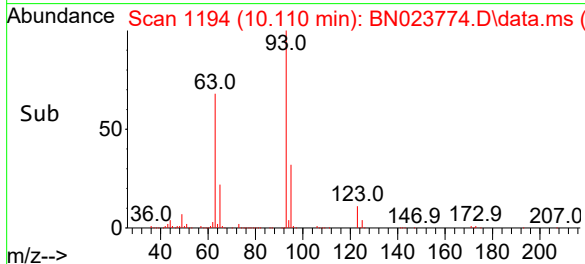
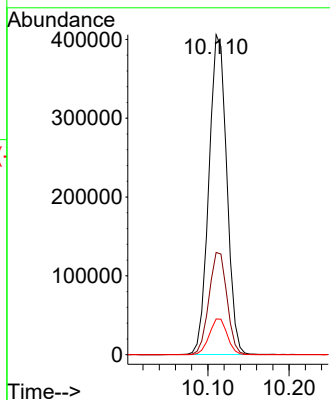
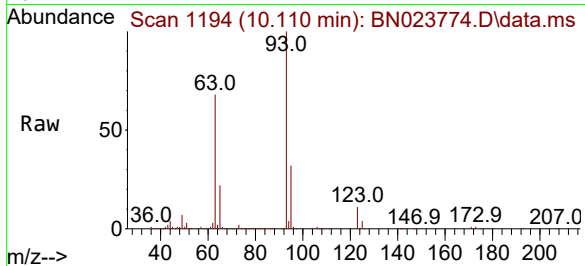




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.364 ng/ul
 RT: 10.110 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

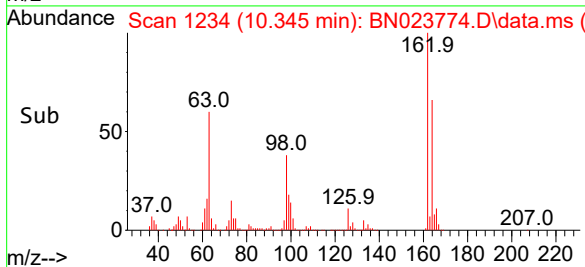
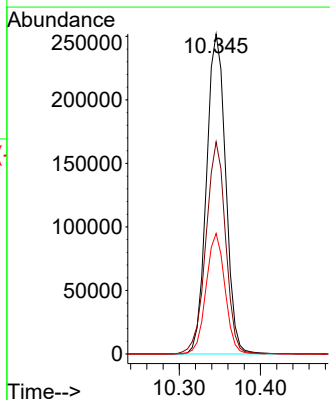
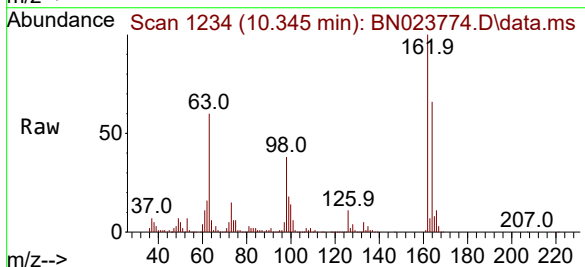
Instrument :
 BNA_N
 ClientSampleId :

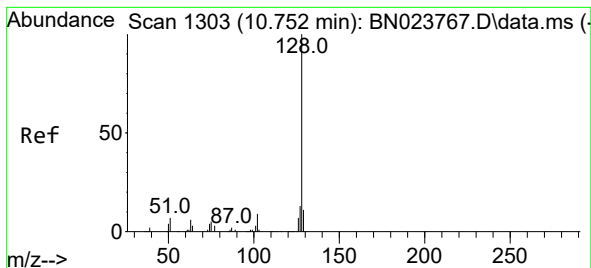
Tgt Ion: 93 Resp: 619391
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 11.1 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 27.466 ng/ul
 RT: 10.345 min Scan# 1234
 Delta R.T. -0.000 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

Tgt Ion: 162 Resp: 412738
 Ion Ratio Lower Upper
 162 100
 164 66.3 53.8 80.6
 98 37.7 28.8 43.2





#30

Naphthalene

Concen: 26.792 ng/ul

RT: 10.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

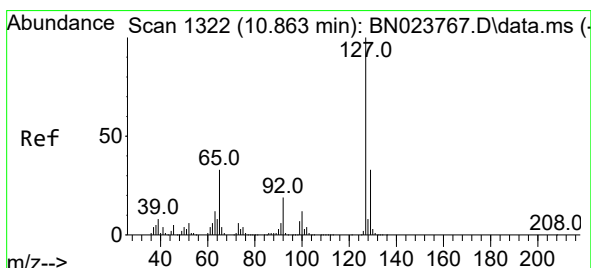
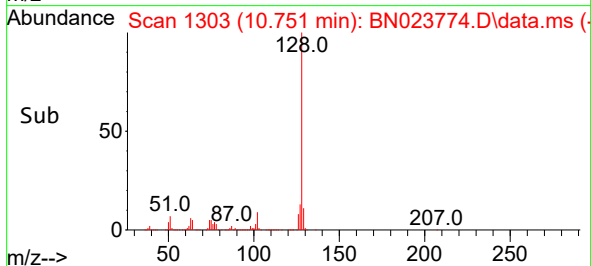
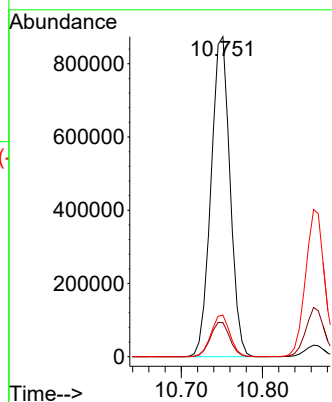
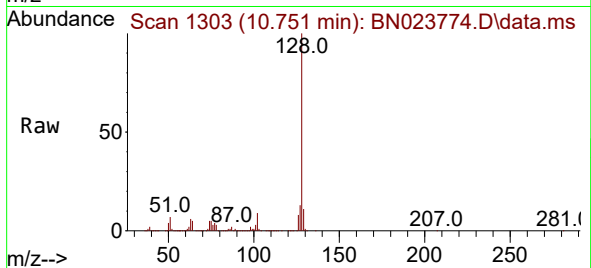
Tgt Ion:128 Resp: 1420621

Ion Ratio Lower Upper

128 100

129 10.7 9.1 13.7

127 13.0 10.8 16.2



#32

4-Chloroaniline

Concen: 27.605 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BN023774.D

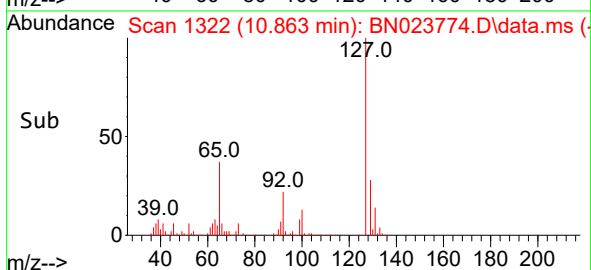
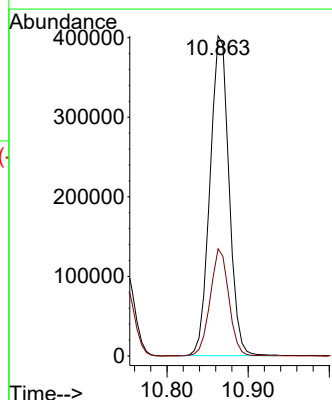
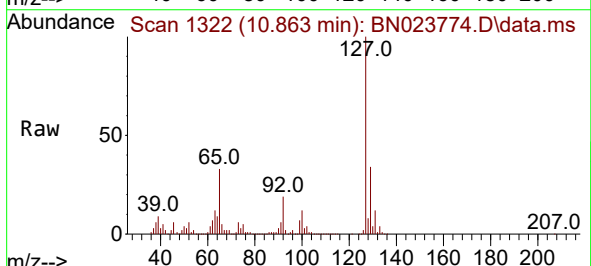
Acq: 24 Jan 2023 13:14

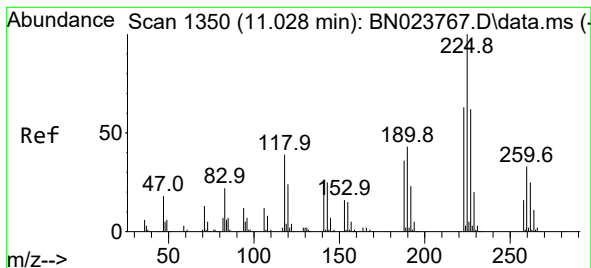
Tgt Ion:127 Resp: 653124

Ion Ratio Lower Upper

127 100

129 33.5 26.4 39.6





#33

Hexachlorobutadiene

Concen: 25.134 ng/ul

RT: 11.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

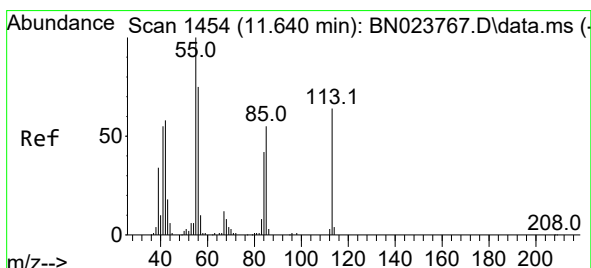
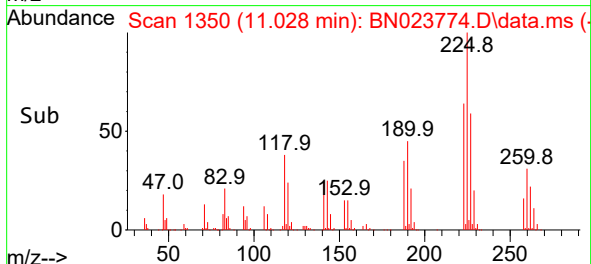
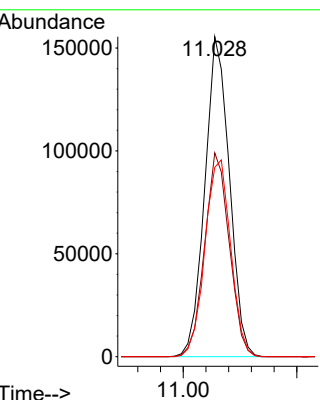
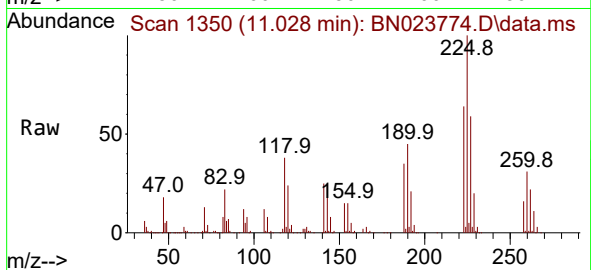
Tgt Ion:225 Resp: 233611

Ion Ratio Lower Upper

225 100

223 63.7 51.7 77.5

227 59.2 50.8 76.2



#34

Caprolactam

Concen: 3.770 ng/ul

RT: 11.657 min Scan# 1457

Delta R.T. 0.017 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

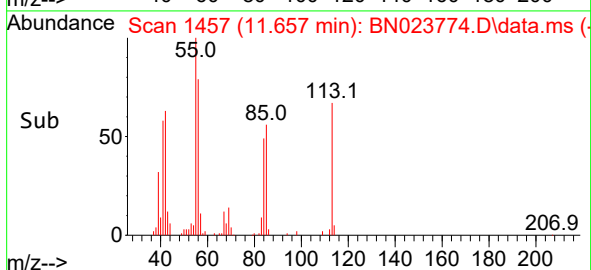
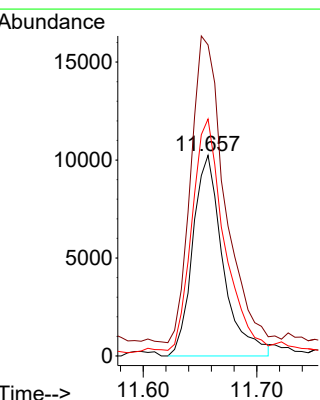
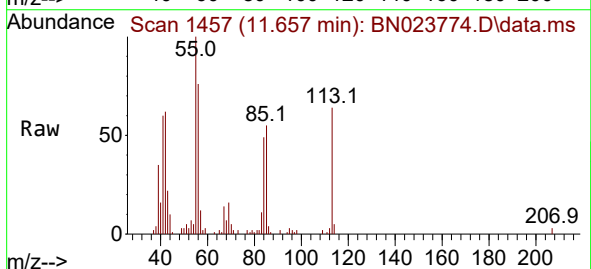
Tgt Ion:113 Resp: 19029

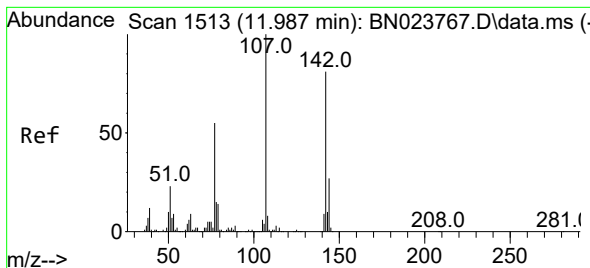
Ion Ratio Lower Upper

113 100

55 155.0 129.1 193.7

56 118.1 94.2 141.4

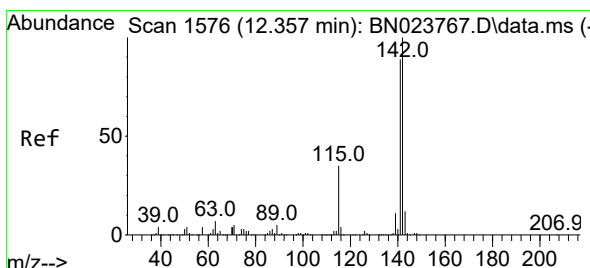
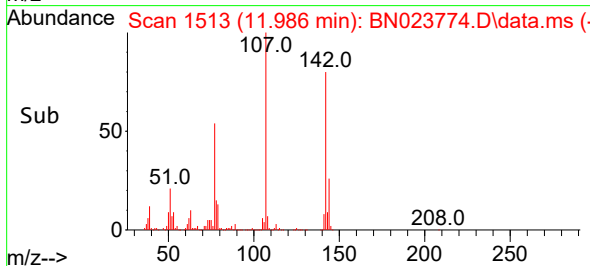
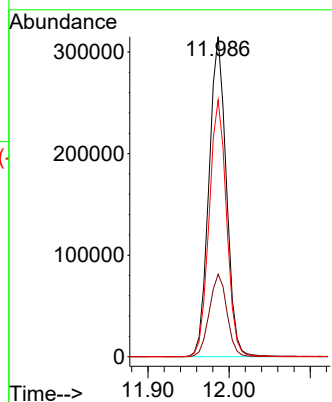
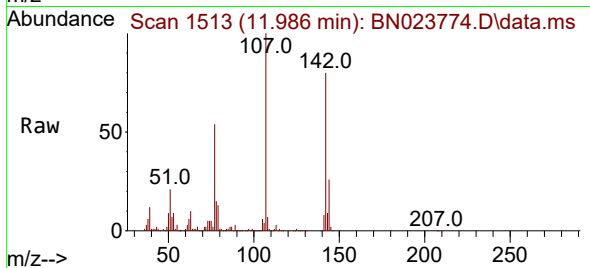




#35
4-Chloro-3-methylphenol
Concen: 28.512 ng/ul
RT: 11.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

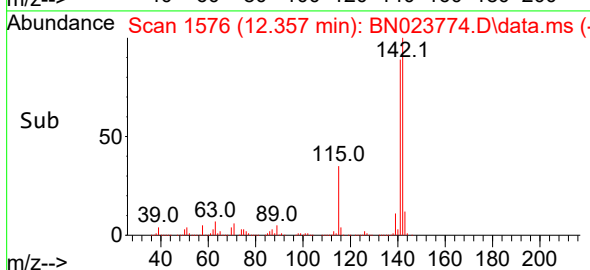
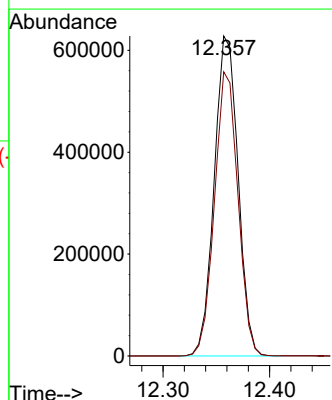
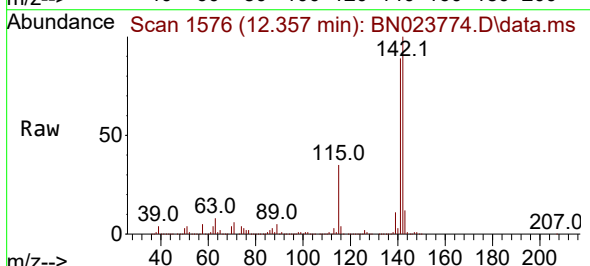
Instrument :
BNA_N
ClientSampleId :

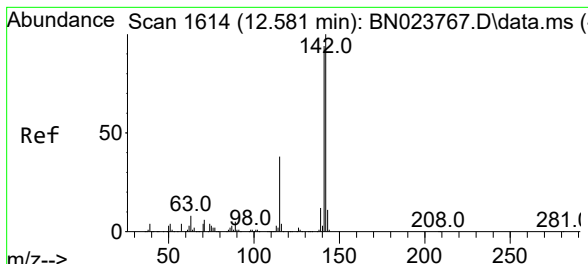
Tgt Ion:107 Resp: 467183
Ion Ratio Lower Upper
107 100
144 25.8 21.9 32.9
142 80.2 64.0 96.0



#36
2-Methylnaphthalene
Concen: 27.641 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:142 Resp: 977021
Ion Ratio Lower Upper
142 100
141 88.8 73.6 110.4

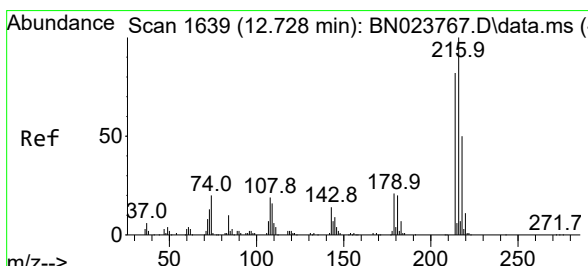
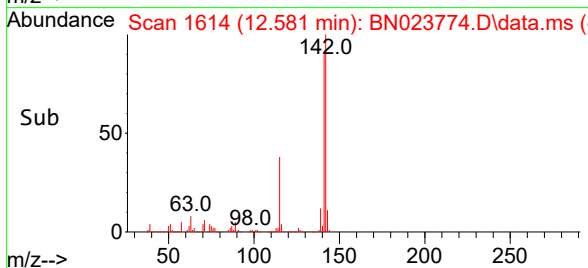
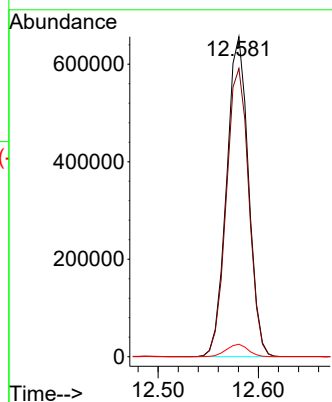
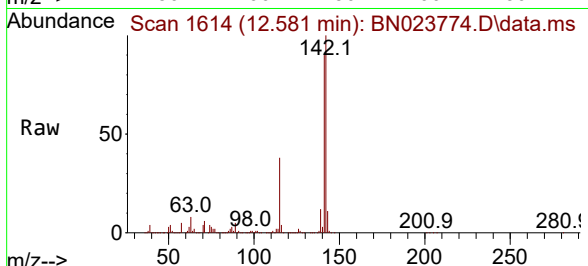




#37
 1-Methylnaphthalene
 Concen: 27.620 ng/ul
 RT: 12.581 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

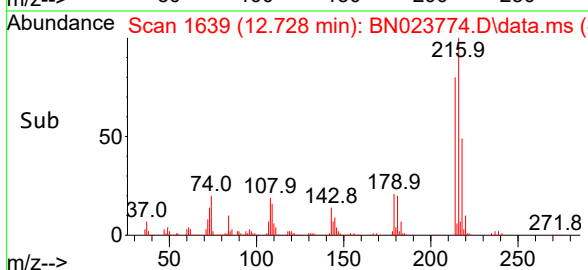
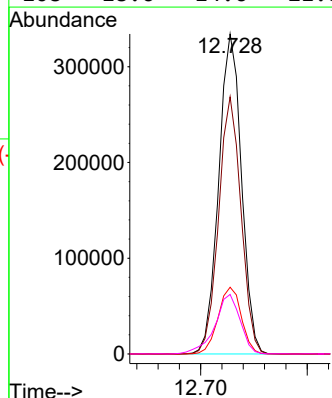
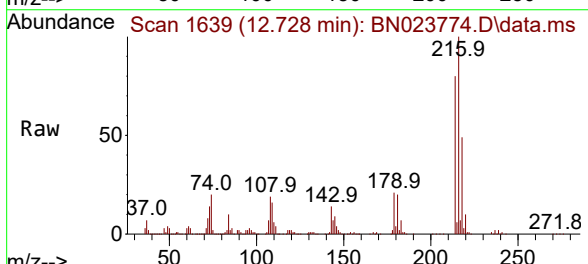
Instrument :
 BNA_N
 ClientSampleId :

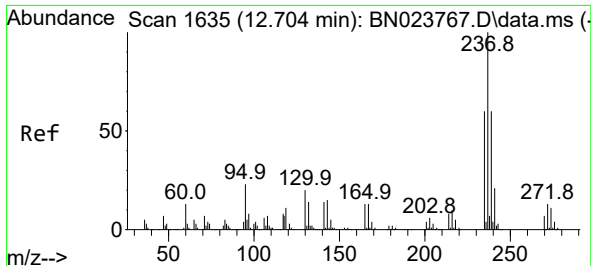
Tgt Ion:142 Resp: 997436
 Ion Ratio Lower Upper
 142 100
 141 90.0 73.8 110.6
 116 3.9 3.0 4.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.196 ng/ul
 RT: 12.728 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

Tgt Ion:216 Resp: 495407
 Ion Ratio Lower Upper
 216 100
 214 80.4 62.4 93.6
 179 20.9 16.2 24.2
 108 18.6 14.6 21.8

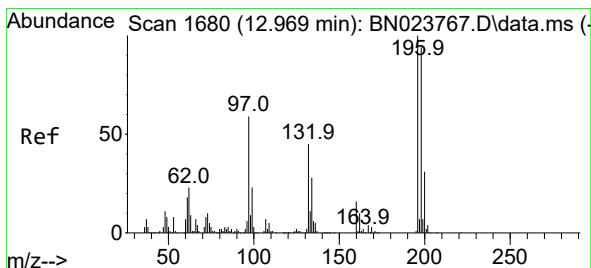
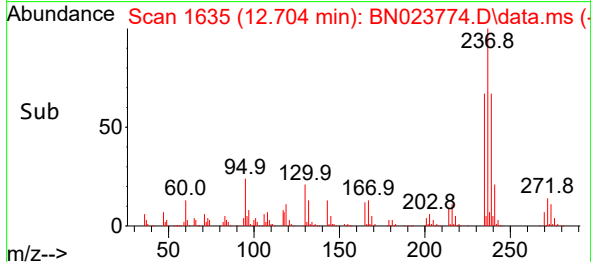
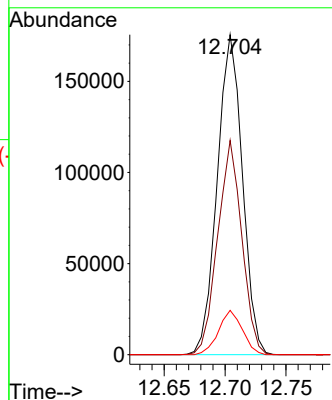
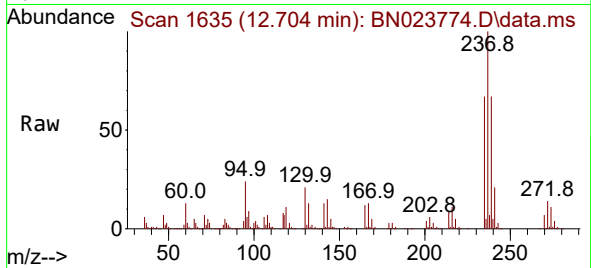




#40
Hexachlorocyclopentadiene
Concen: 22.821 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

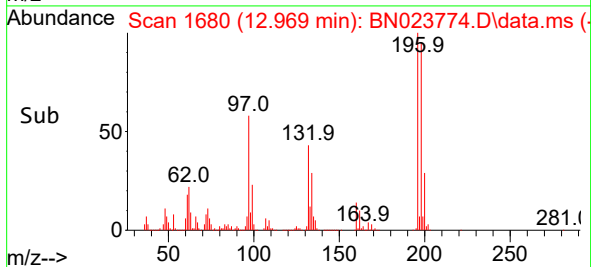
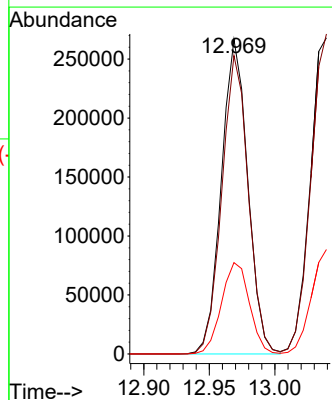
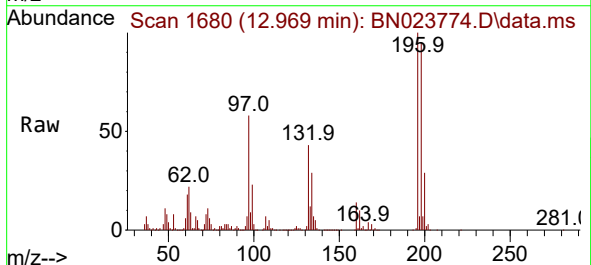
Instrument :
BNA_N
ClientSampleId :

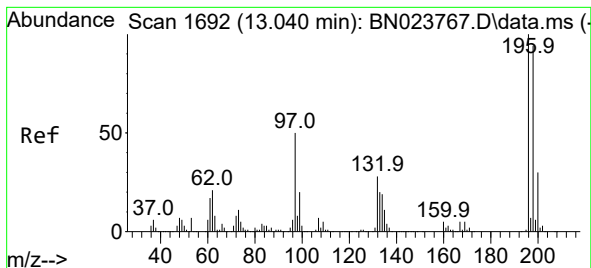
Tgt Ion:237 Resp: 252714
Ion Ratio Lower Upper
237 100
235 67.0 51.0 76.4
272 13.8 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 32.313 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:196 Resp: 374240
Ion Ratio Lower Upper
196 100
198 94.9 71.4 107.0
200 29.0 22.5 33.7





#42

2,4,5-Trichlorophenol

Concen: 32.321 ng/ul

RT: 13.039 min Scan# 1

Delta R.T. -0.000 min

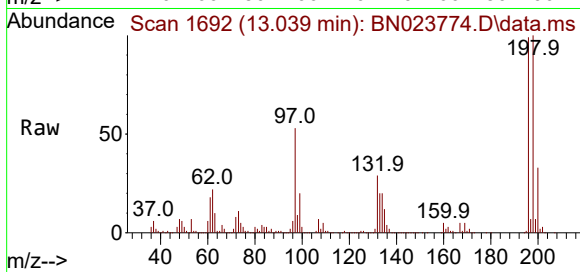
Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :



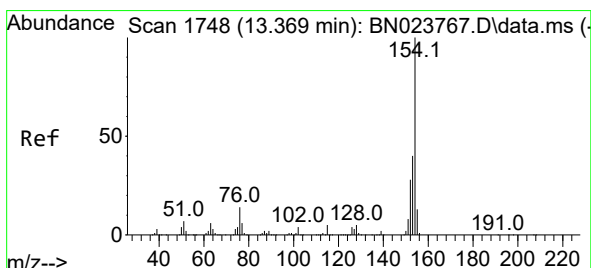
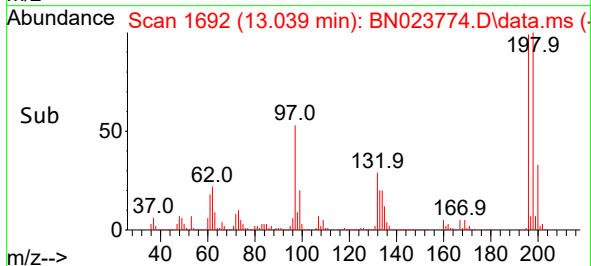
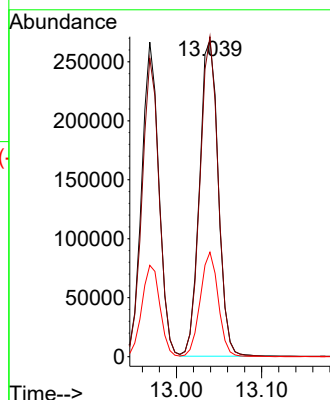
Tgt Ion:196 Resp: 409373

Ion Ratio Lower Upper

196 100

198 101.2 68.1 102.1

200 33.0 24.1 36.1



#43

1,1'-Biphenyl

Concen: 29.113 ng/ul

RT: 13.369 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

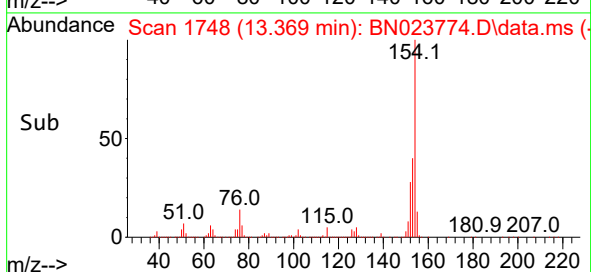
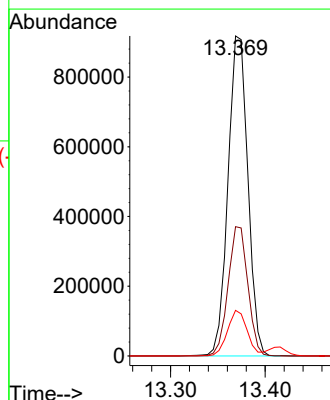
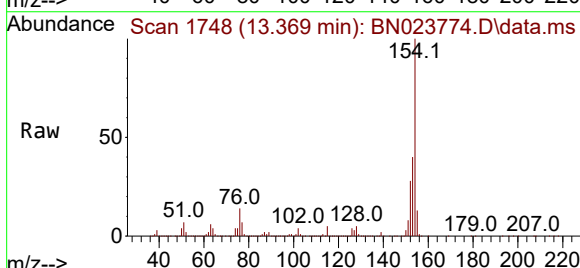
Tgt Ion:154 Resp: 1334366

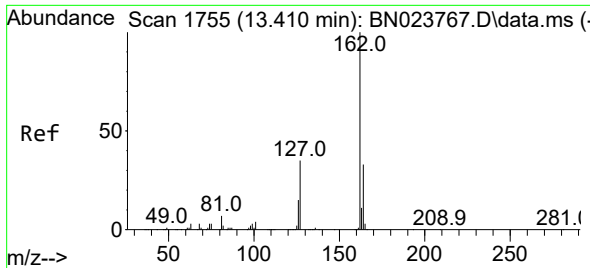
Ion Ratio Lower Upper

154 100

153 40.4 32.5 48.7

76 14.3 11.0 16.6

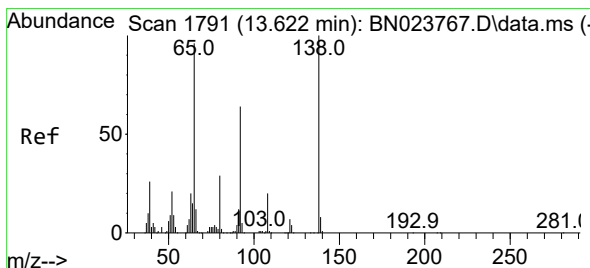
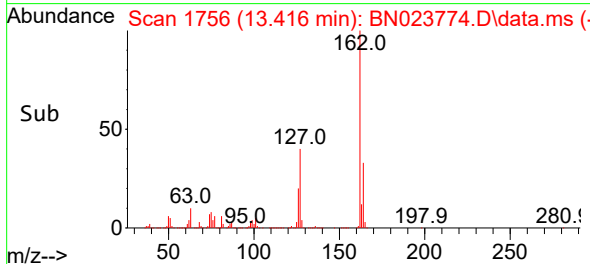
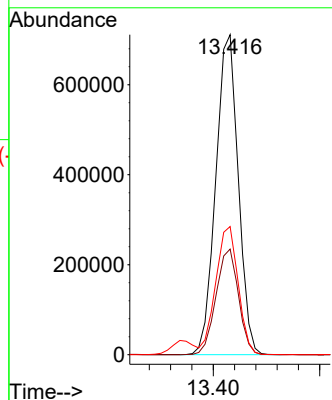
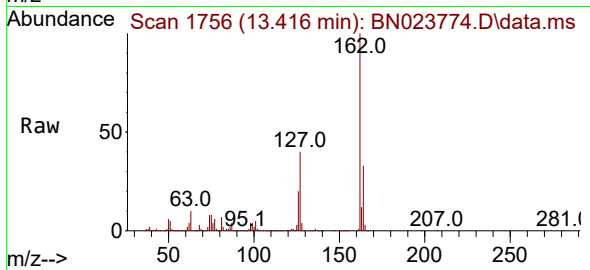




#44
2-Chloronaphthalene
Concen: 29.237 ng/ul
RT: 13.416 min Scan# 1755
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

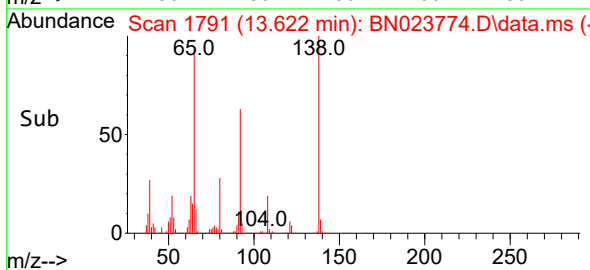
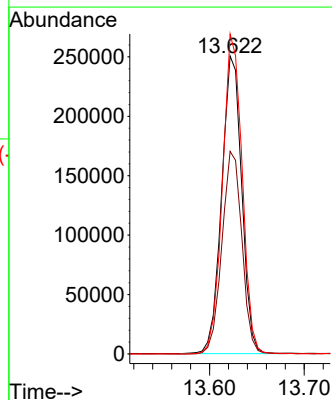
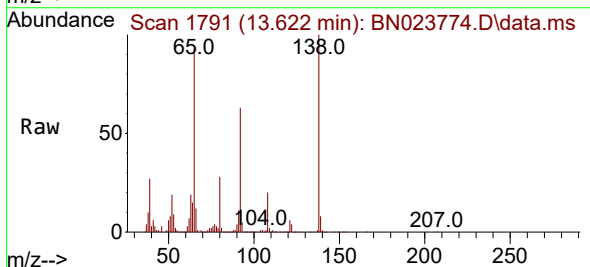
Instrument :
BNA_N
ClientSampleId :

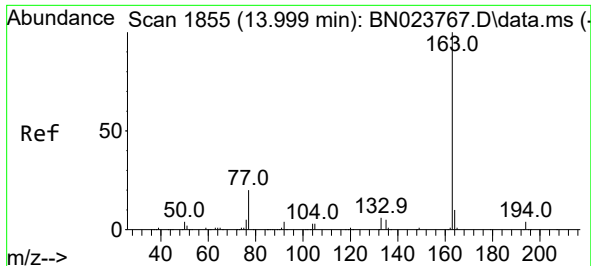
Tgt Ion:162 Resp: 1039626
Ion Ratio Lower Upper
162 100
164 33.0 26.2 39.2
127 40.0 31.8 47.8



#45
2-Nitroaniline
Concen: 37.590 ng/ul
RT: 13.622 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

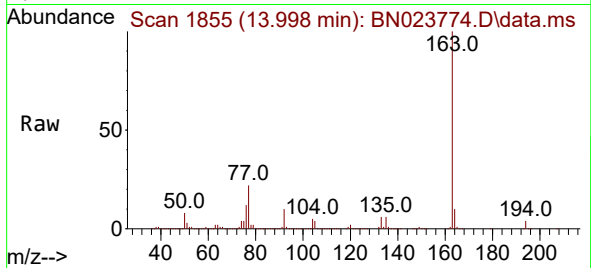
Tgt Ion: 65 Resp: 368613
Ion Ratio Lower Upper
65 100
92 67.9 53.5 80.3
138 107.3 84.0 126.0



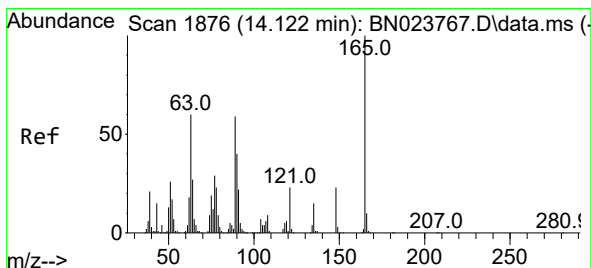
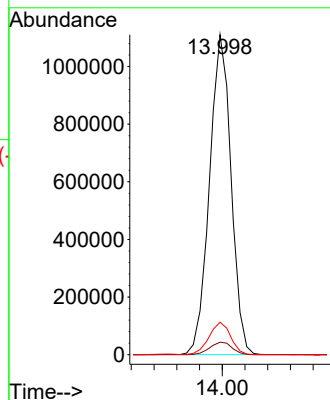
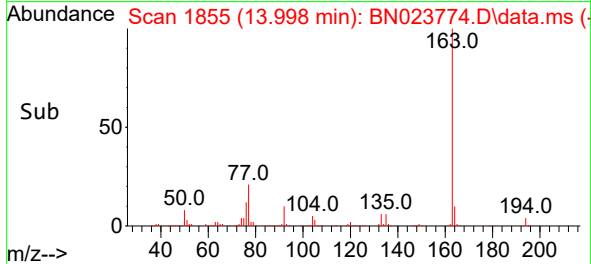


#47
Dimethylphthalate
Concen: 32.946 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

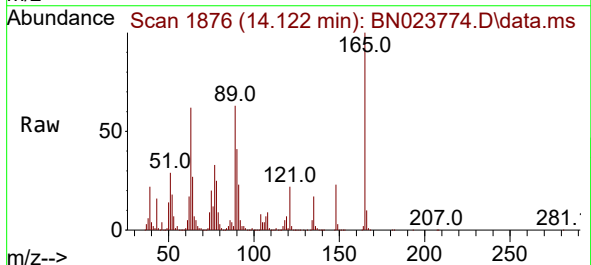
Instrument :
BNA_N
ClientSampleId :



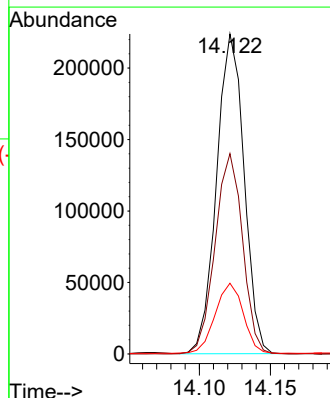
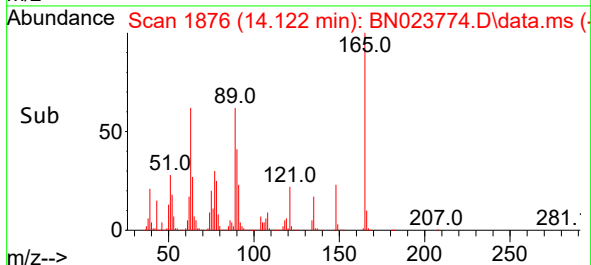
Tgt Ion:163 Resp: 1463049
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 7.9 11.9

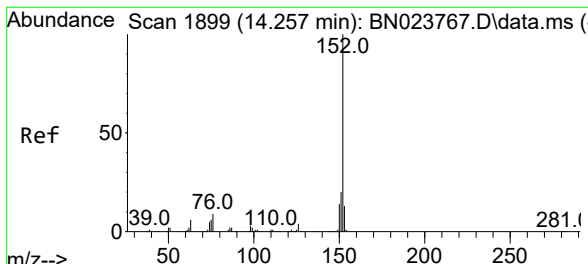


#48
2,6-Dinitrotoluene
Concen: 35.919 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14



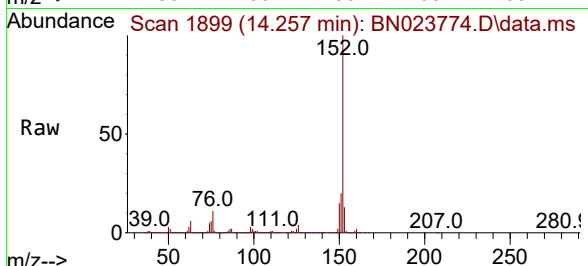
Tgt Ion:165 Resp: 301541
Ion Ratio Lower Upper
165 100
89 62.6 49.9 74.9
121 22.1 19.1 28.7



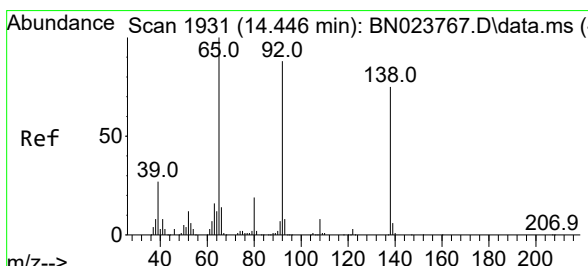
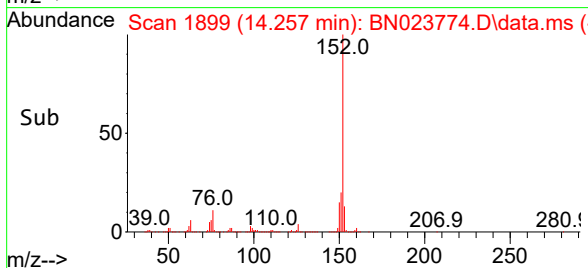
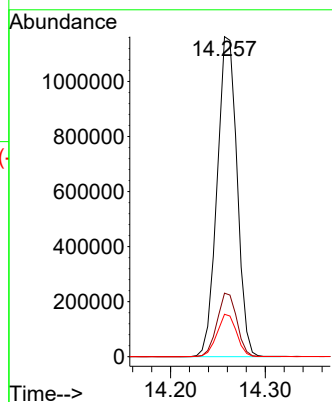


#50
Acenaphthylene
Concen: 31.277 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Instrument :
BNA_N
ClientSampleId :

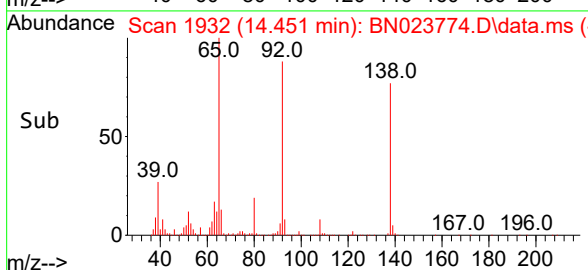
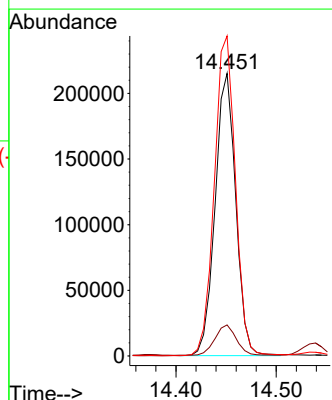
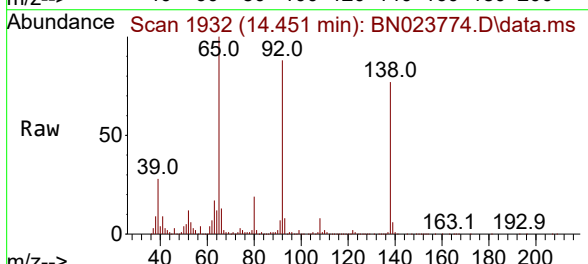


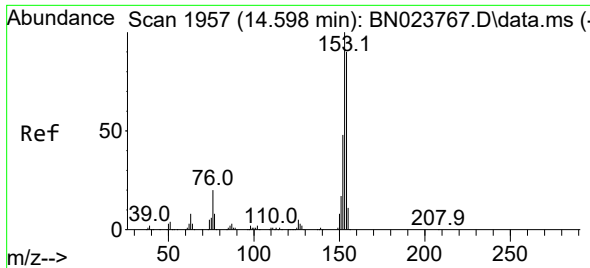
Tgt Ion:152 Resp: 1702903
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 36.548 ng/ul
RT: 14.451 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:138 Resp: 307470
Ion Ratio Lower Upper
138 100
108 11.0 8.1 12.1
92 113.3 93.2 139.8

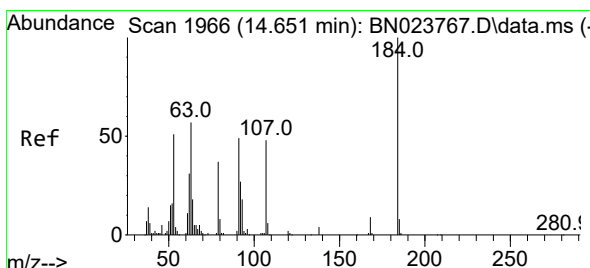
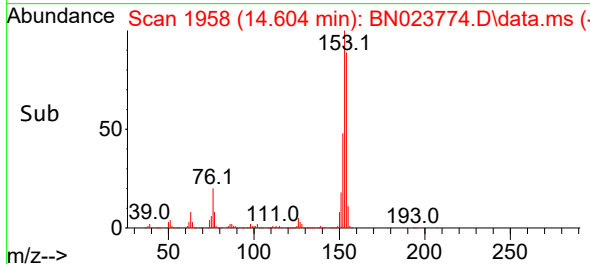
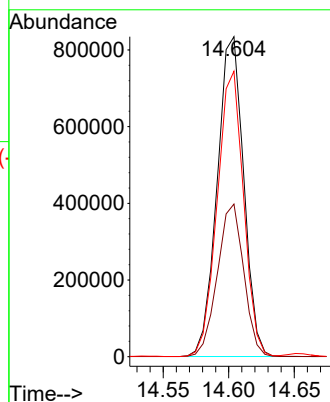
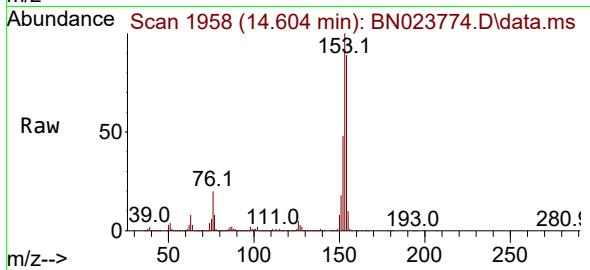




#52
Acenaphthene
Concen: 30.502 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

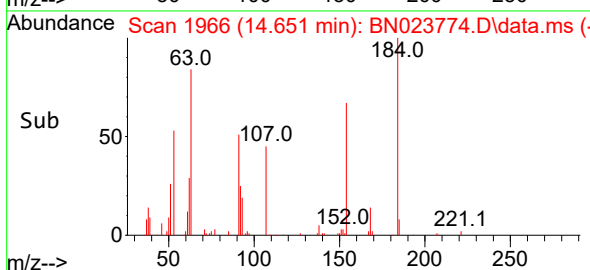
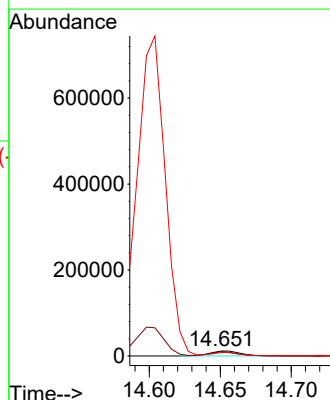
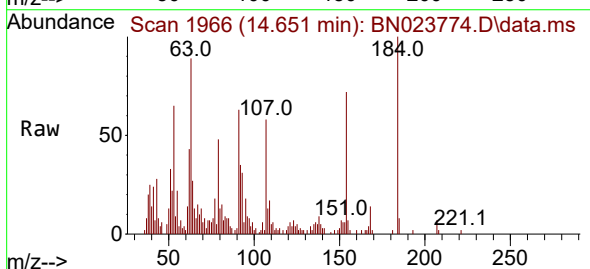
Instrument :
BNA_N
ClientSampleId :

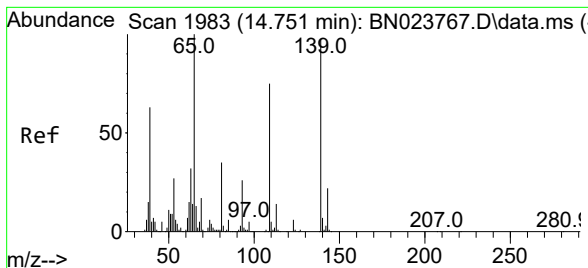
Tgt Ion:153 Resp: 1170804
Ion Ratio Lower Upper
153 100
152 47.7 38.5 57.7
154 89.2 71.5 107.3



#53
2,4-Dinitrophenol
Concen: 3.092 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:184 Resp: 16968
Ion Ratio Lower Upper
184 100
63 89.1 58.2 87.4#
154 72.0 49.4 74.0

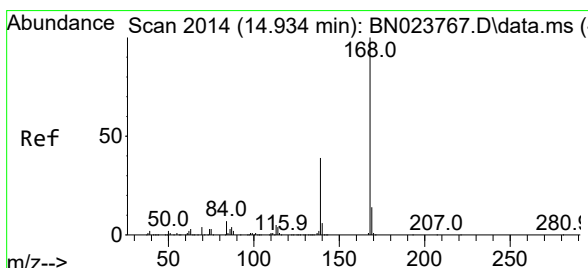
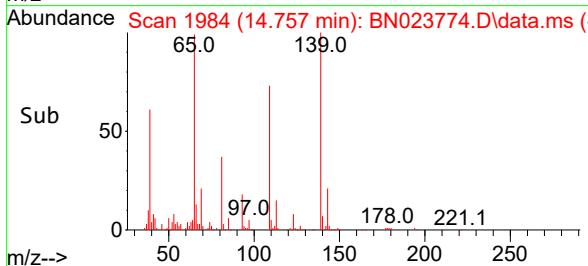
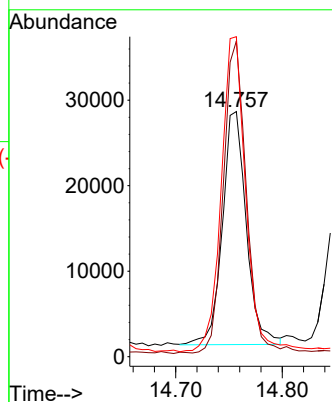
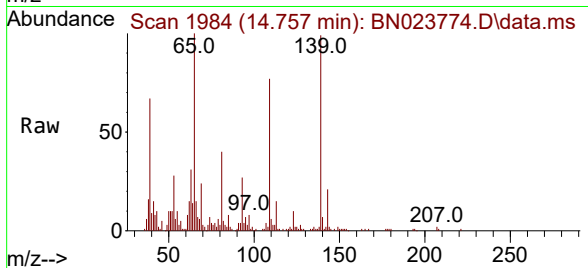




#55
4-Nitrophenol
Concen: 5.848 ng/ul
RT: 14.757 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

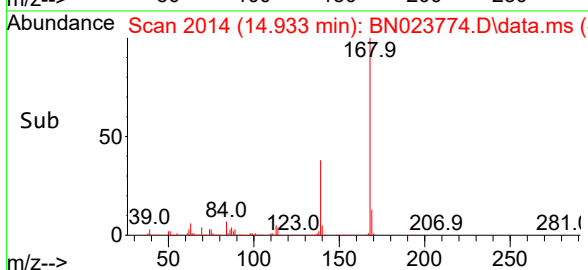
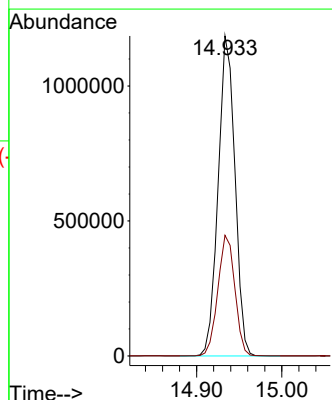
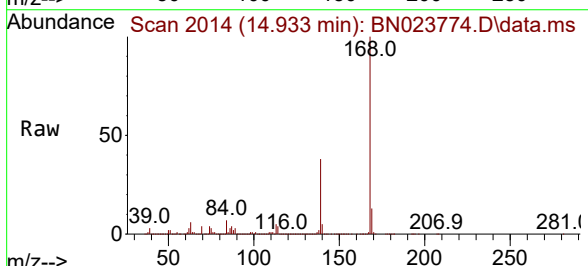
Instrument :
BNA_N
ClientSampleId :

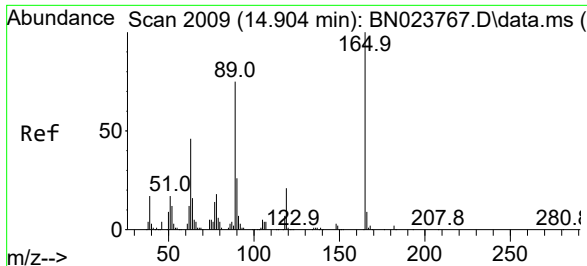
Tgt Ion:109 Resp: 42489
Ion Ratio Lower Upper
109 100
139 128.8 104.8 157.2
65 130.6 107.3 160.9



#56
Dibenzofuran
Concen: 30.385 ng/ul
RT: 14.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:168 Resp: 1623461
Ion Ratio Lower Upper
168 100
139 37.7 29.6 44.4

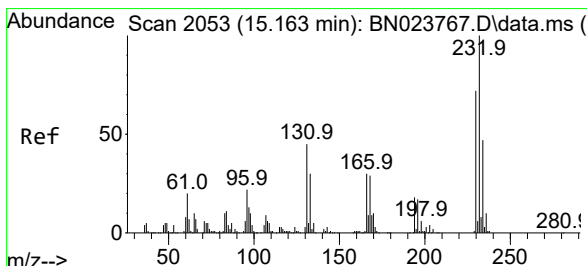
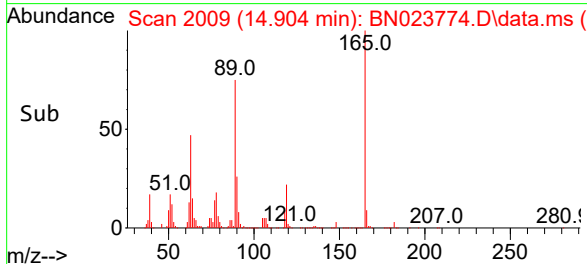
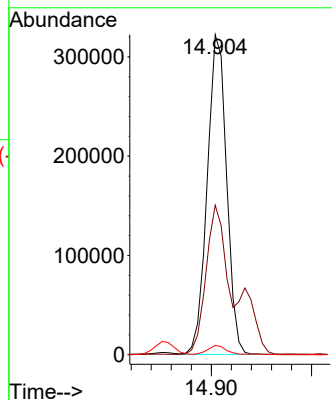
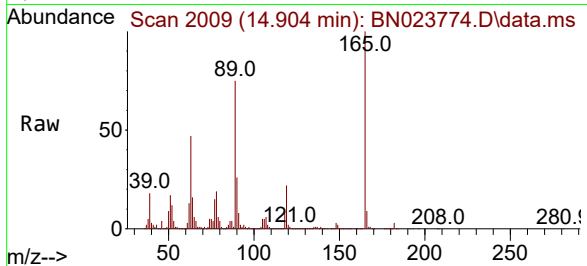




#57
2,4-Dinitrotoluene
Concen: 35.354 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

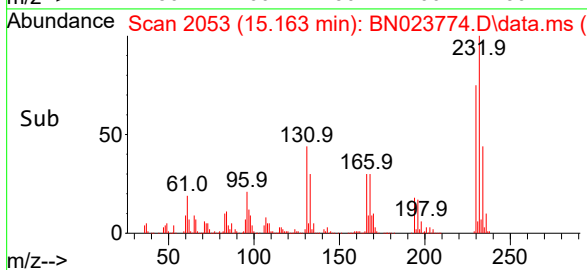
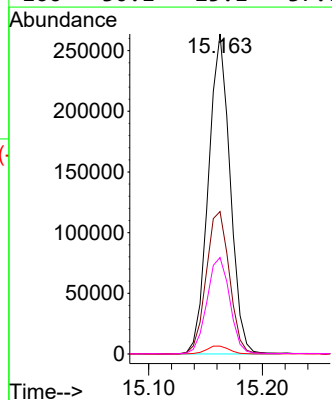
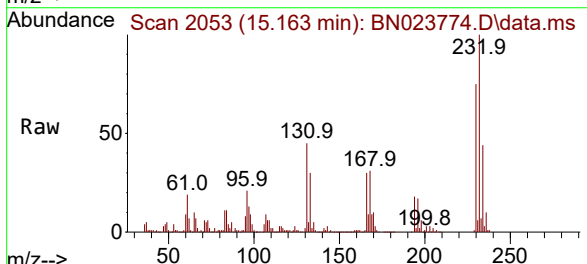
Instrument :
BNA_N
ClientSampleId :

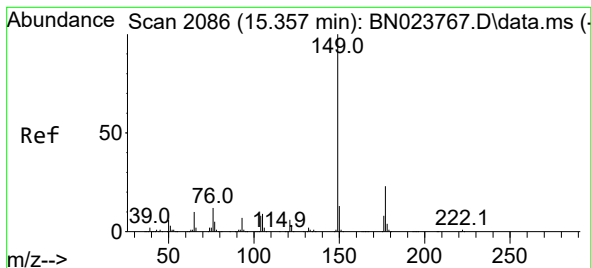
Tgt Ion:165 Resp: 433290
Ion Ratio Lower Upper
165 100
63 46.7 37.2 55.8
182 2.9 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.223 ng/ul
RT: 15.163 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:232 Resp: 349724
Ion Ratio Lower Upper
232 100
131 44.5 39.5 59.3
130 2.4 2.2 3.4
166 30.1 25.1 37.7





#59

Diethylphthalate

Concen: 33.477 ng/ul

RT: 15.363 min Scan# 2087

Delta R.T. 0.005 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

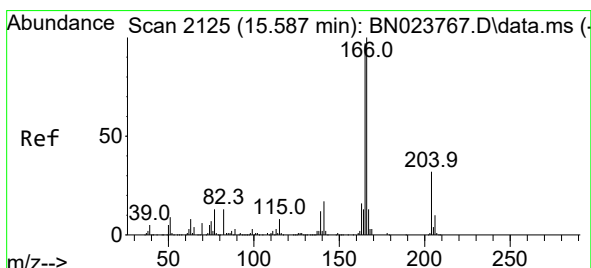
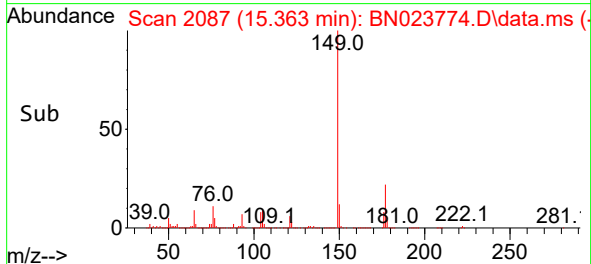
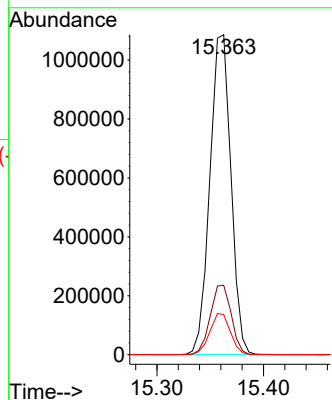
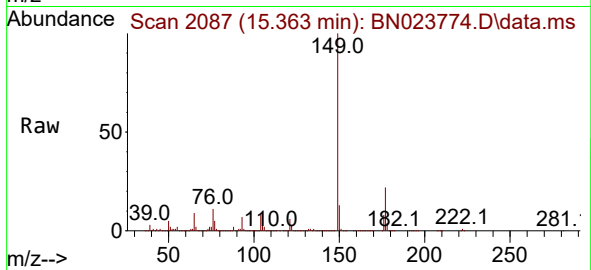
Tgt Ion:149 Resp: 1489156

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

150 12.5 9.9 14.9



#61

Fluorene

Concen: 30.586 ng/ul

RT: 15.586 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

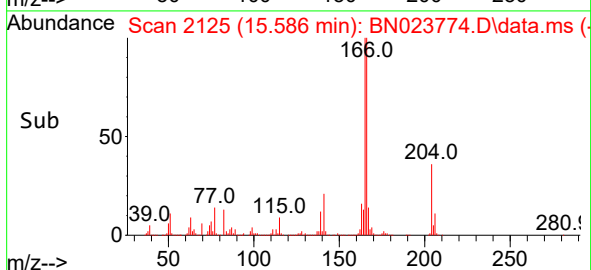
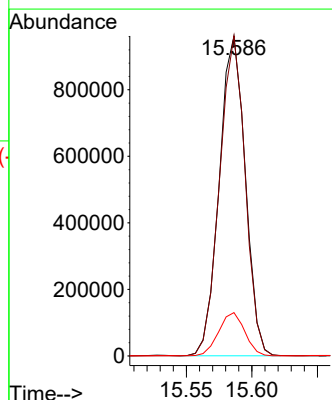
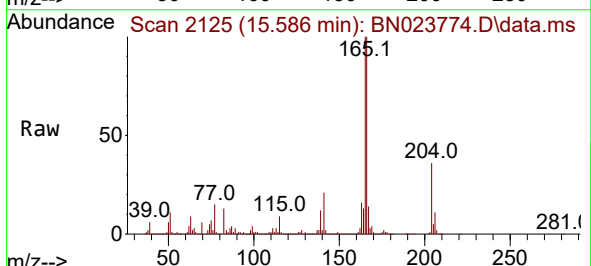
Tgt Ion:166 Resp: 1323324

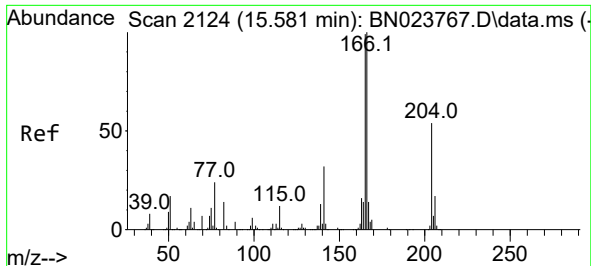
Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.6

167 13.6 10.4 15.6

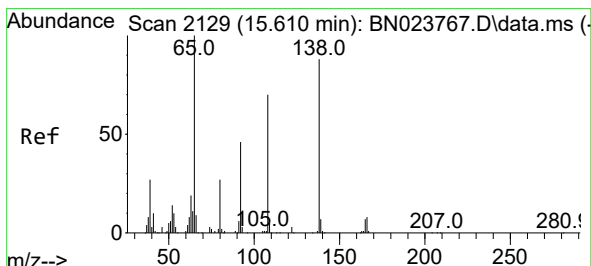
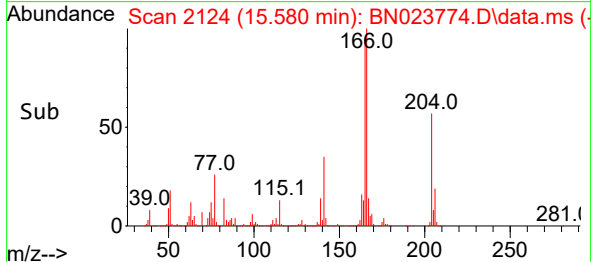
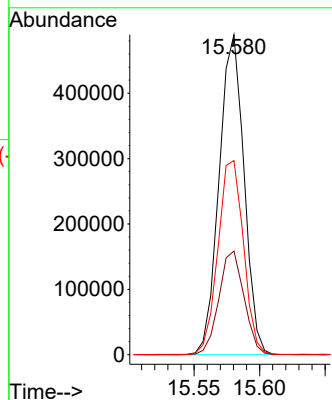
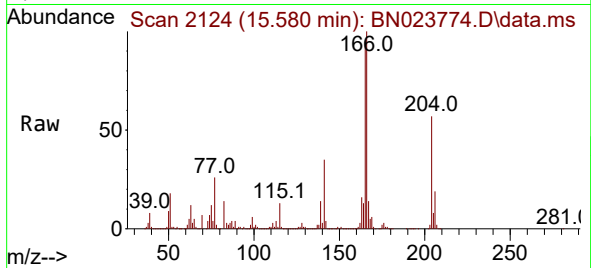




#62
4-Chlorophenyl-phenylether
Concen: 30.681 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

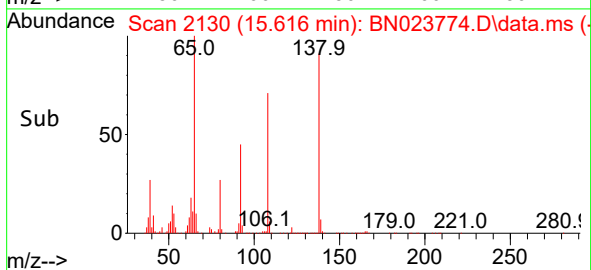
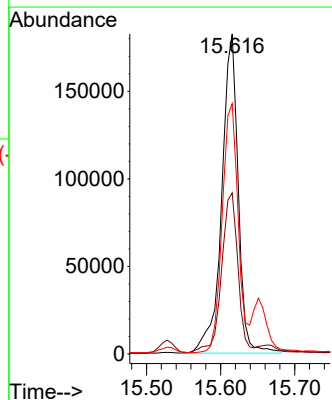
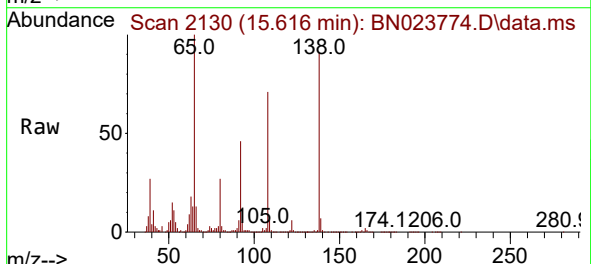
Instrument :
BNA_N
ClientSampleId :

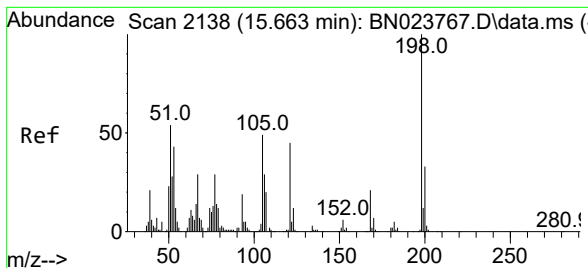
Tgt Ion:204 Resp: 646237
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.6
141 60.6 51.0 76.4



#63
4-Nitroaniline
Concen: 36.435 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:138 Resp: 282212
Ion Ratio Lower Upper
138 100
92 50.4 41.3 61.9
108 78.2 64.2 96.2

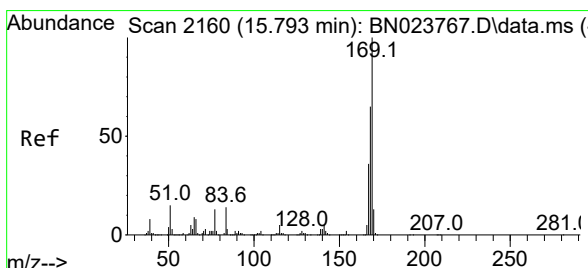
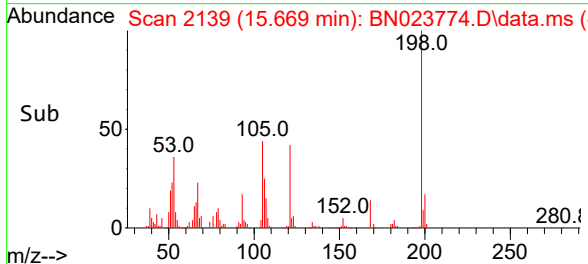
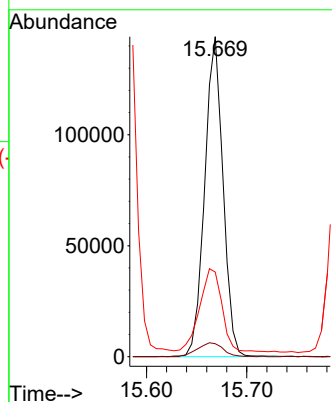
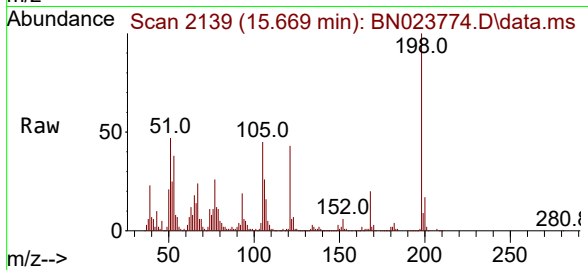




#66
4,6-Dinitro-2-methylphenol
Concen: 26.807 ng/ul
RT: 15.669 min Scan# 2138
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

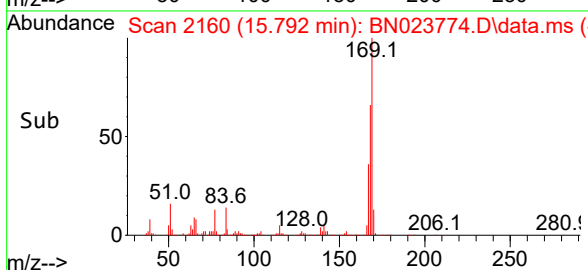
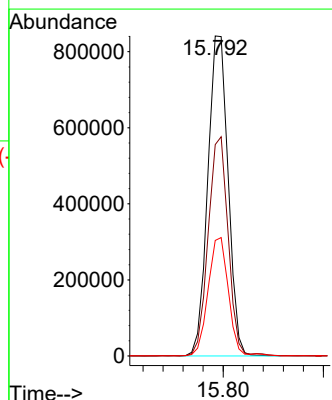
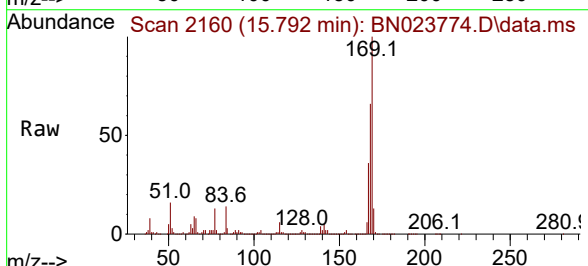
Instrument :
BNA_N
ClientSampleId :

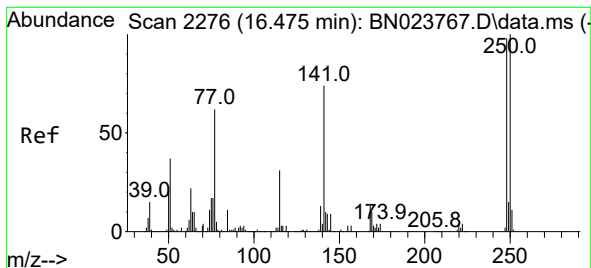
Tgt Ion:198 Resp: 183443
Ion Ratio Lower Upper
198 100
182 4.1 3.6 5.4
77 26.5 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 36.641 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:169 Resp: 1182004
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.1 29.0 43.4

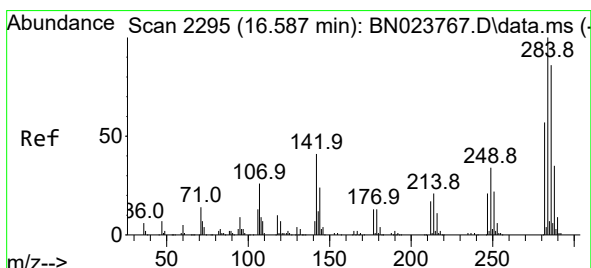
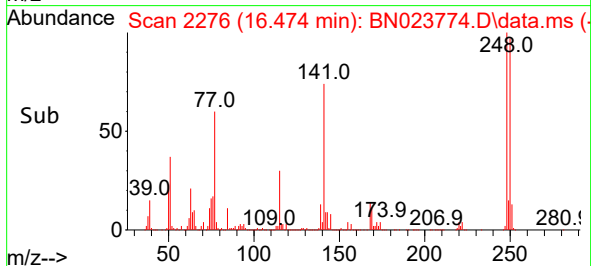
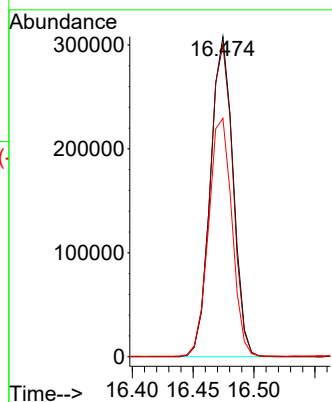
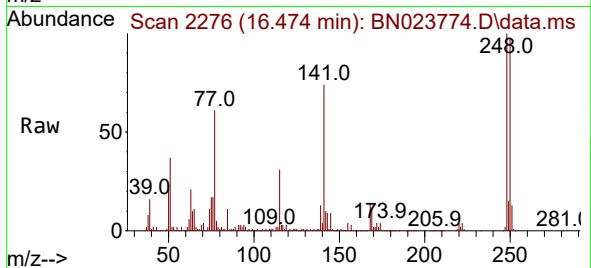




#68
4-Bromophenyl-phenylether
Concen: 34.642 ng/ul
RT: 16.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

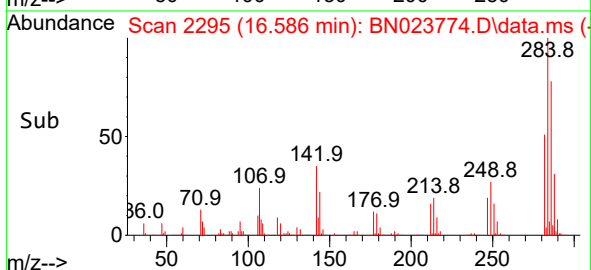
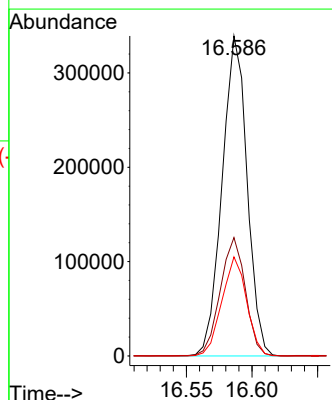
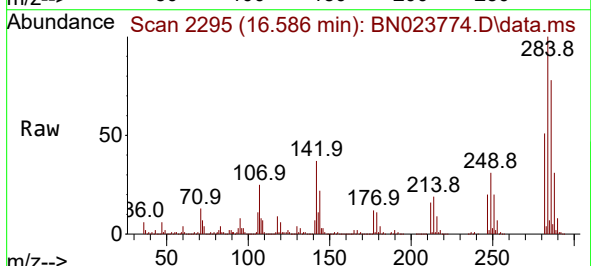
Instrument :
BNA_N
ClientSampleId :

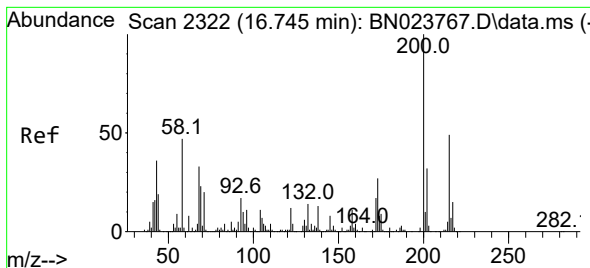
Tgt Ion:248 Resp: 399140
Ion Ratio Lower Upper
248 100
250 97.5 76.4 114.6
141 74.4 58.0 87.0



#69
Hexachlorobenzene
Concen: 33.279 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:284 Resp: 449335
Ion Ratio Lower Upper
284 100
142 37.0 28.9 43.3
249 30.9 24.2 36.2





#70

Atrazine

Concen: 34.544 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. 0.011 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

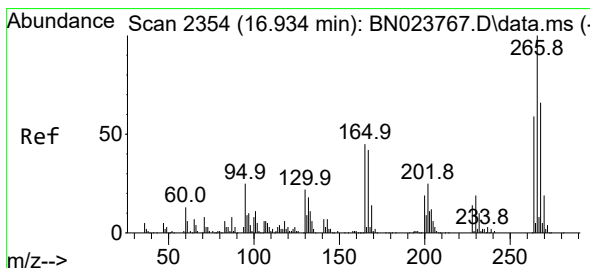
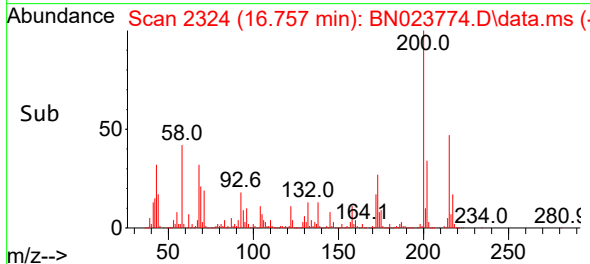
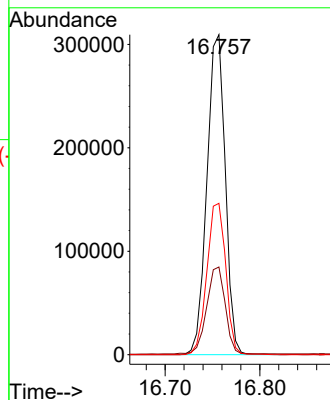
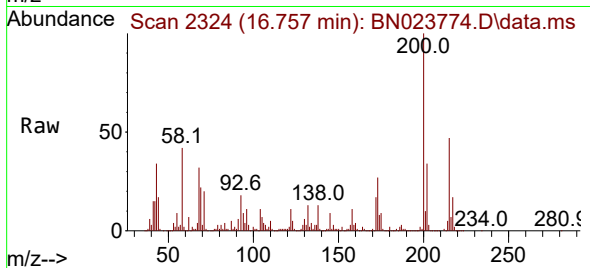
Tgt Ion:200 Resp: 417054

Ion Ratio Lower Upper

200 100

173 27.4 21.4 32.2

215 47.3 39.0 58.6



#71

Pentachlorophenol

Concen: 30.978 ng/ul

RT: 16.933 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

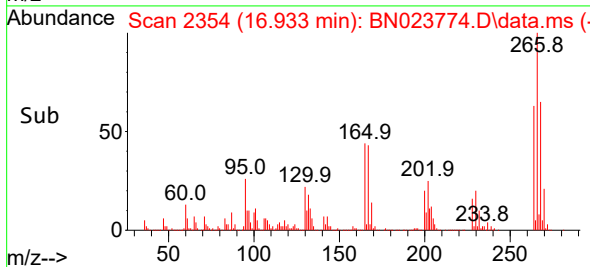
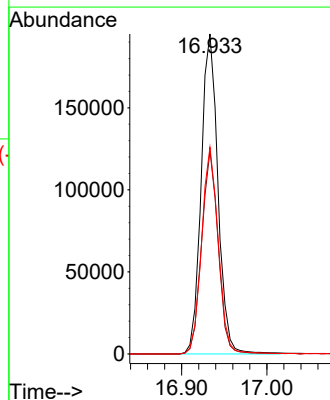
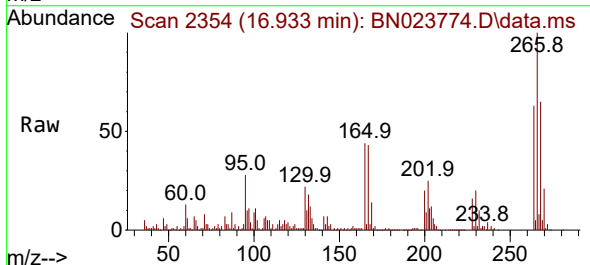
Tgt Ion:266 Resp: 266941

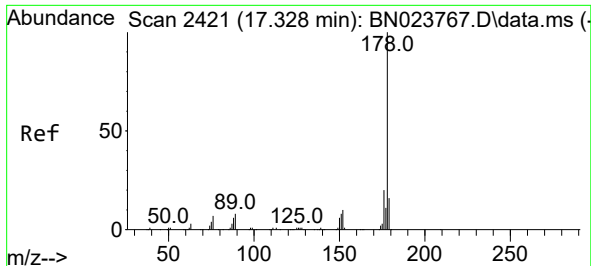
Ion Ratio Lower Upper

266 100

264 63.5 51.4 77.0

268 64.6 54.5 81.7

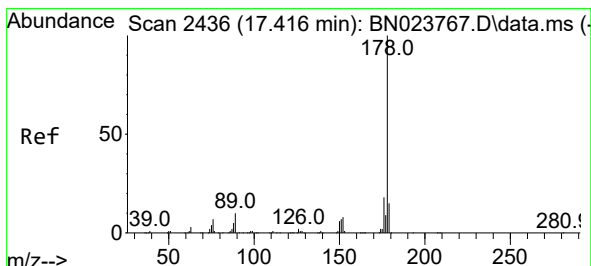
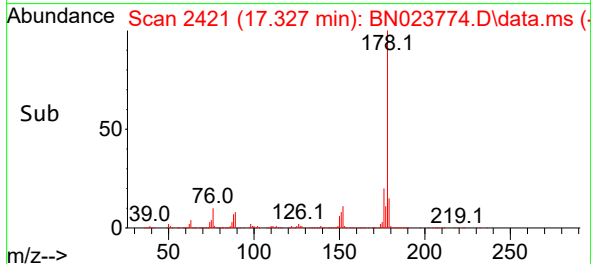
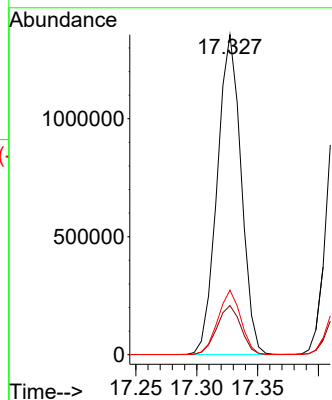
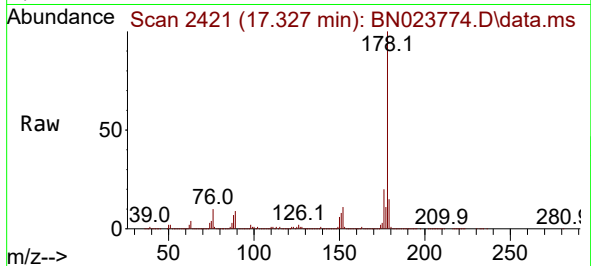




#72
Phenanthrene
Concen: 30.087 ng/ul
RT: 17.327 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

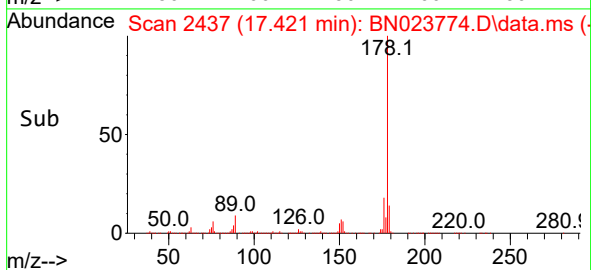
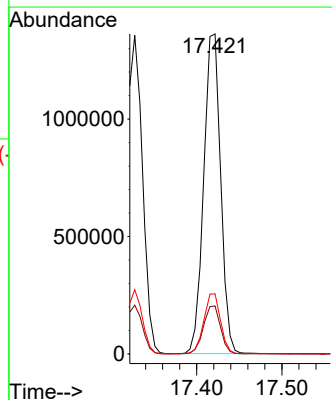
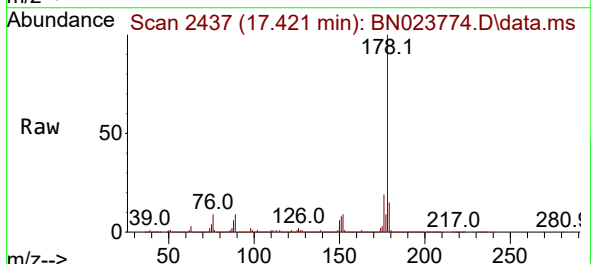
Instrument :
BNA_N
ClientSampleId :

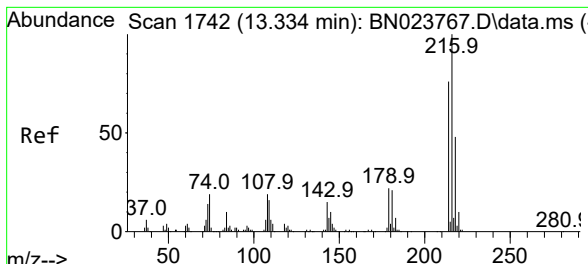
Tgt Ion:178 Resp: 1853151
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 20.2 15.2 22.8



#74
Anthracene
Concen: 30.695 ng/ul
RT: 17.421 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:178 Resp: 1881560
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 18.8 15.1 22.7

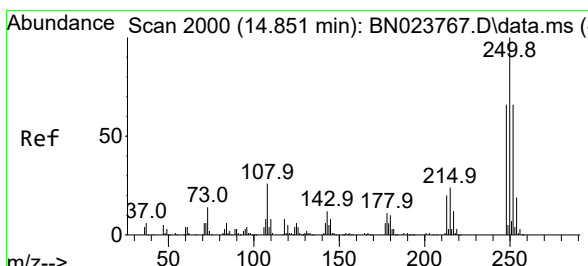
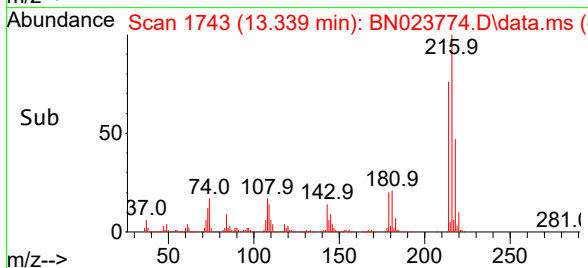
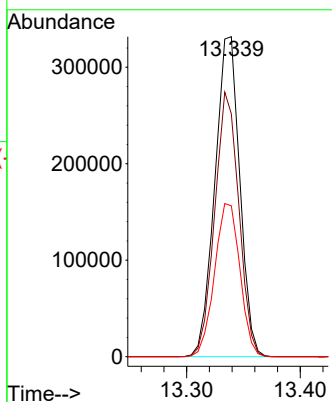
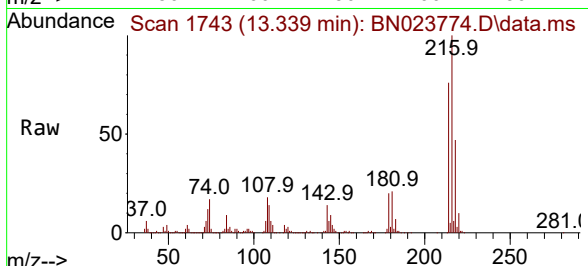




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 32.692 ng/uL
 RT: 13.339 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

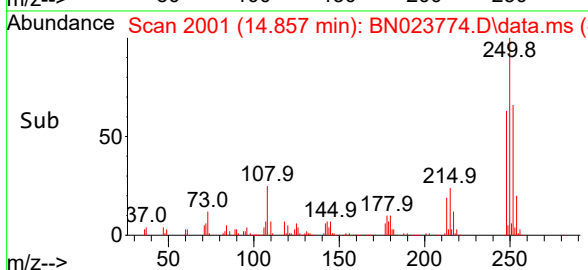
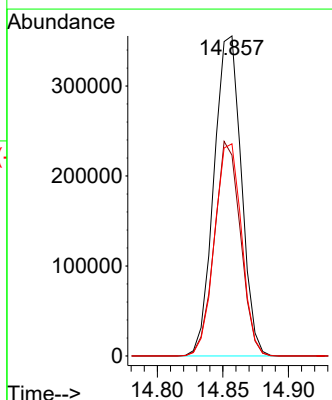
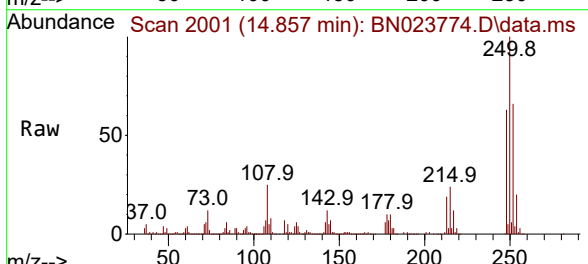
Instrument :
 BNA_N
 ClientSampleId :

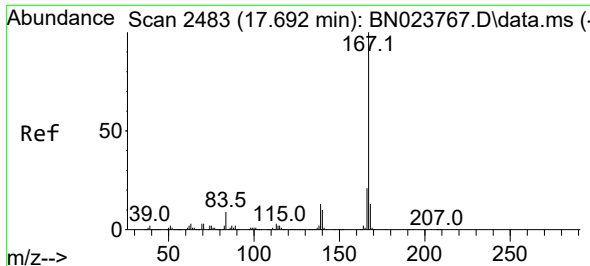
Tgt Ion:	216	Resp:	505935
Ion Ratio	Lower	Upper	
216	100		
214	75.9	61.0	91.4
218	47.1	39.8	59.8



#76
 Pentachlorobenzene
 Concen: 33.249 ng/uL
 RT: 14.857 min Scan# 2001
 Delta R.T. 0.005 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

Tgt Ion:	250	Resp:	515424
Ion Ratio	Lower	Upper	
250	100		
248	62.8	50.3	75.5
252	66.3	48.9	73.3



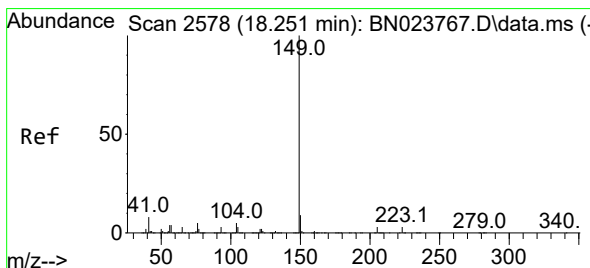
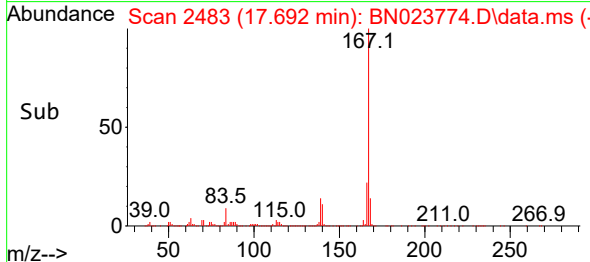
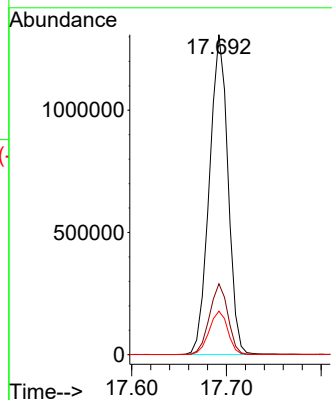
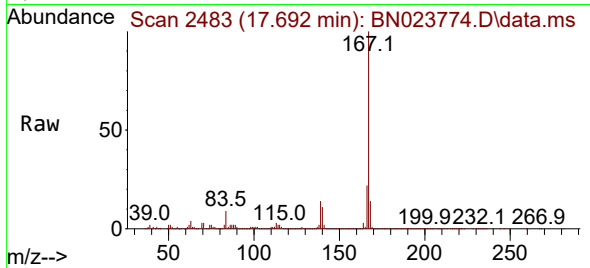


#77
 Carbazole
 Concen: 32.076 ng/ul
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:167 Resp: 1785313

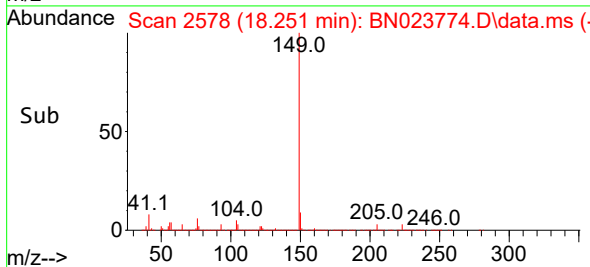
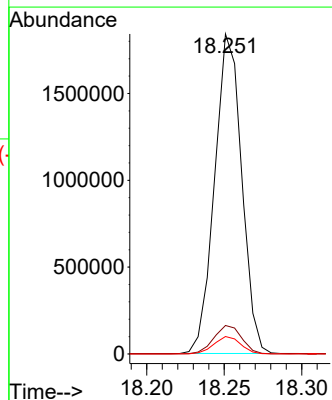
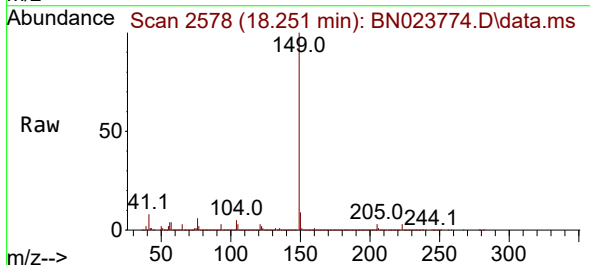
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	13.6	11.0	16.6

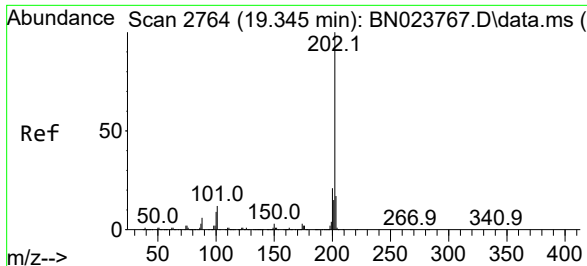


#78
 Di-n-butylphthalate
 Concen: 33.812 ng/ul
 RT: 18.251 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BN023774.D
 Acq: 24 Jan 2023 13:14

Tgt Ion:149 Resp: 2234406

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.4	4.3	6.5

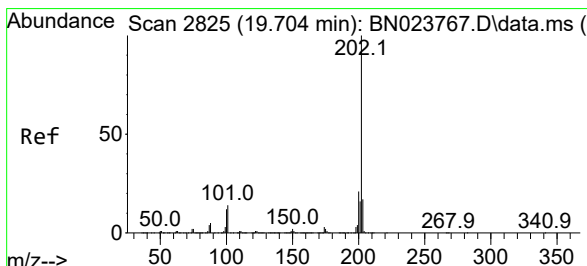
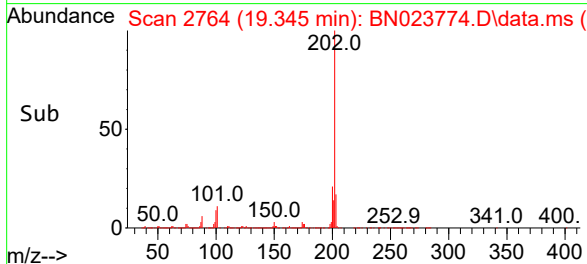
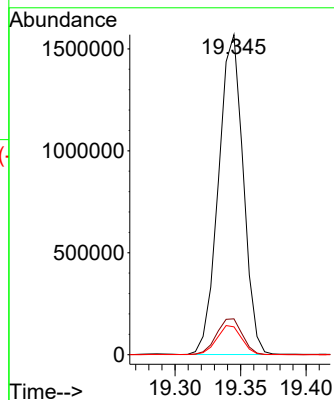
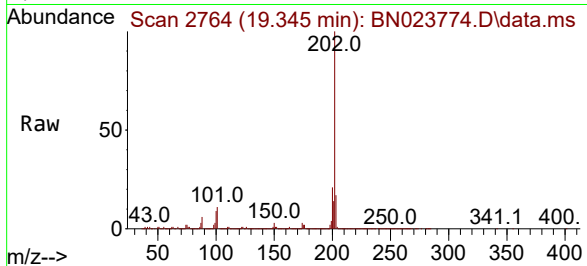




#80
Fluoranthene
Concen: 37.637 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

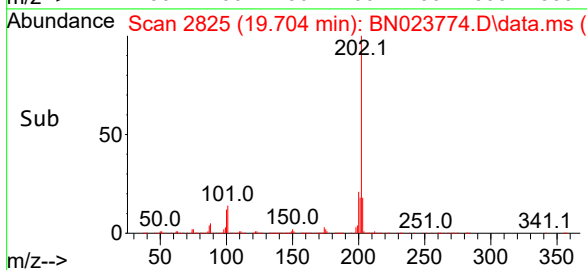
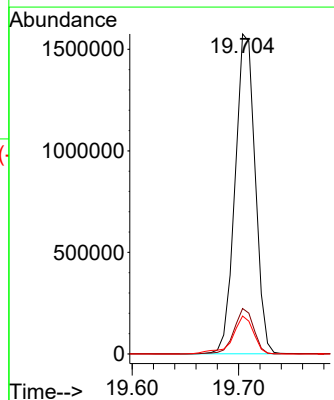
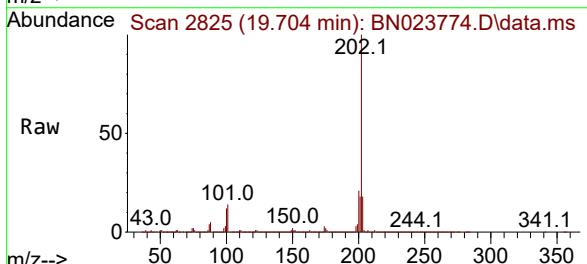
Instrument :
BNA_N
ClientSampleId :

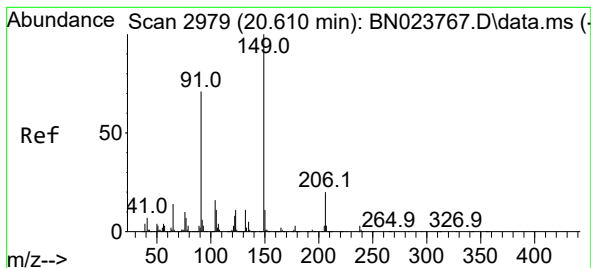
Tgt Ion:202 Resp: 2053535
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.7 7.3 10.9



#82
Pyrene
Concen: 35.876 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:202 Resp: 2067540
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.9 8.9 13.3





#83

Butylbenzylphthalate

Concen: 41.568 ng/ul

RT: 20.604 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BN023774.D

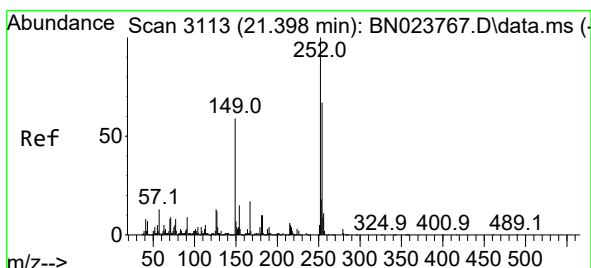
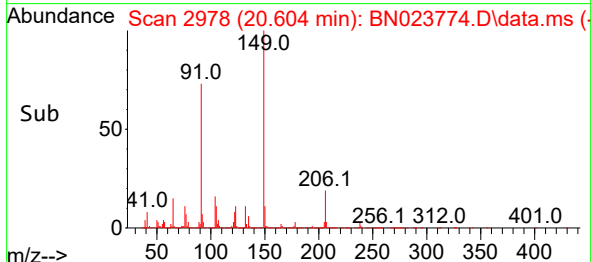
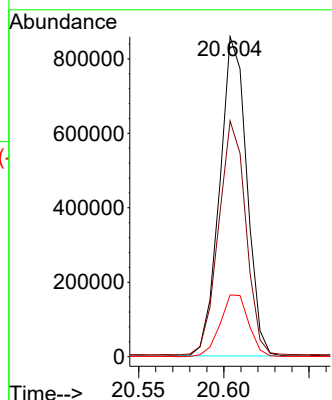
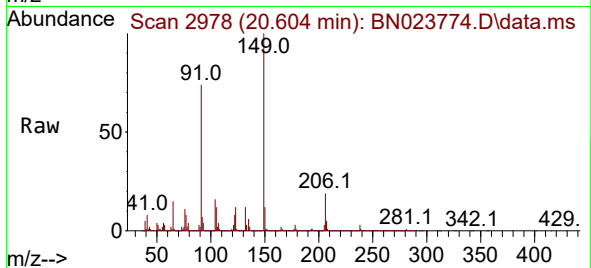
Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:149	Resp: 948416
Ion Ratio	Lower Upper
149	100
91	73.6 57.9 86.9
206	19.3 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 5.990 ng/ul

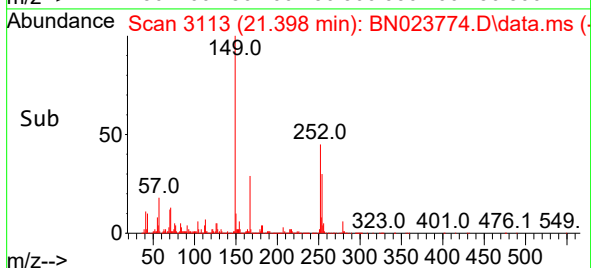
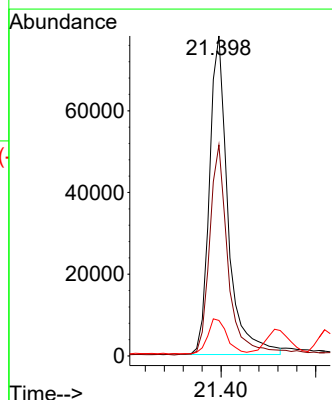
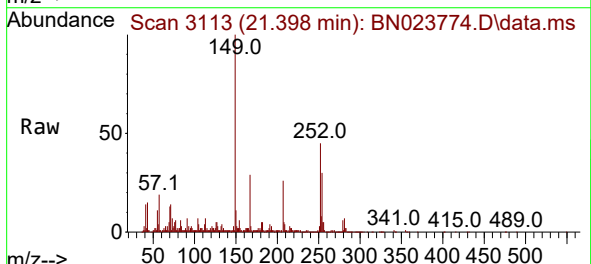
RT: 21.398 min Scan# 3113

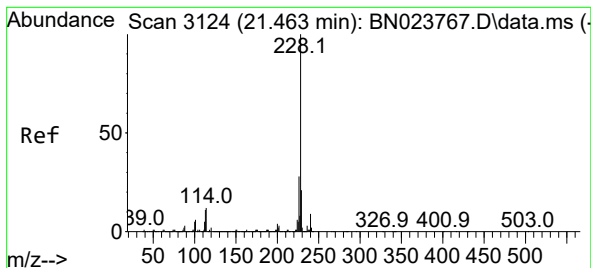
Delta R.T. -0.000 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Tgt Ion:252	Resp: 106738
Ion Ratio	Lower Upper
252	100
254	66.0 51.2 76.8
126	11.1 8.8 13.2





#85

Benzo(a)anthracene

Concen: 32.181 ng/ul

RT: 21.457 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

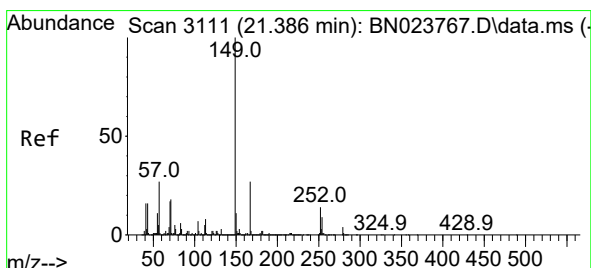
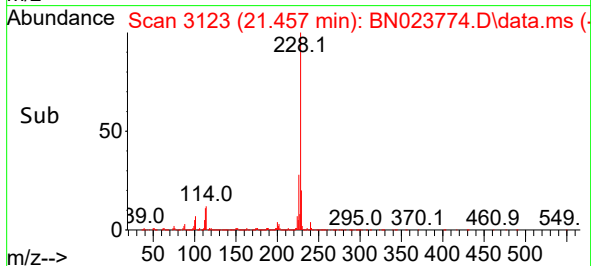
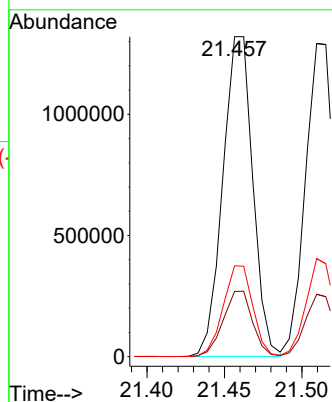
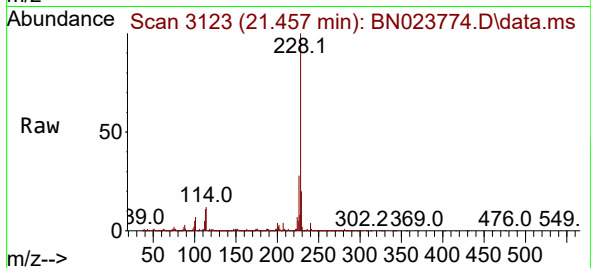
Tgt Ion:228 Resp: 1778062

Ion Ratio Lower Upper

228 100

229 20.4 15.0 22.4

226 28.4 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.420 ng/ul

RT: 21.386 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

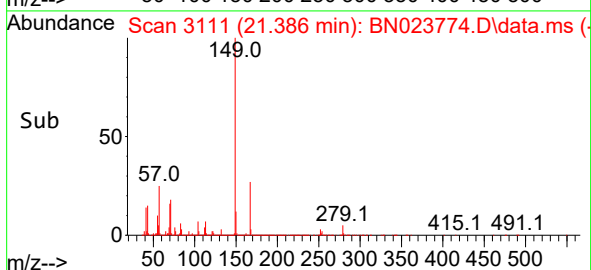
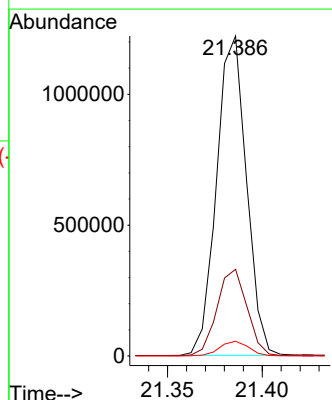
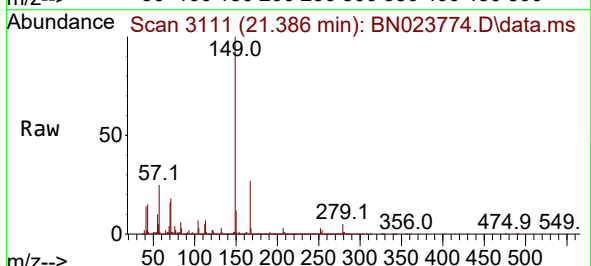
Tgt Ion:149 Resp: 1339019

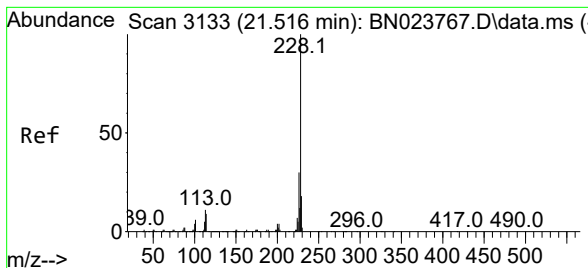
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.6 3.4 5.2





#87

Chrysene

Concen: 32.589 ng/ul

RT: 21.509 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

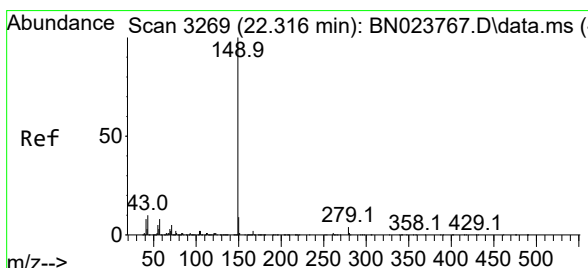
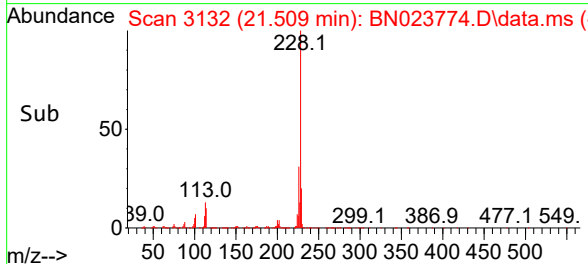
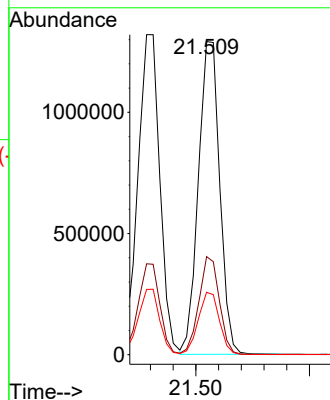
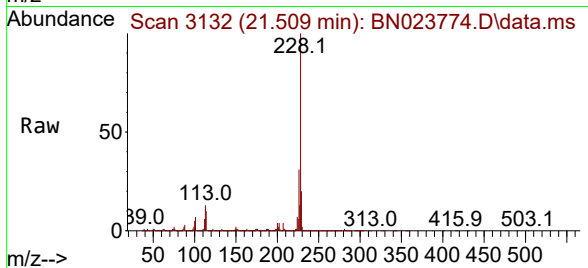
Tgt Ion:228 Resp: 1688246

Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

229 19.9 16.8 25.2



#89

Di-n-octyl phthalate

Concen: 37.256 ng/ul

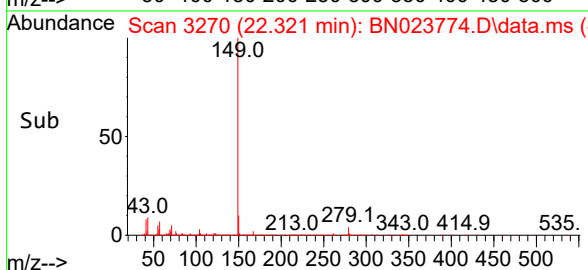
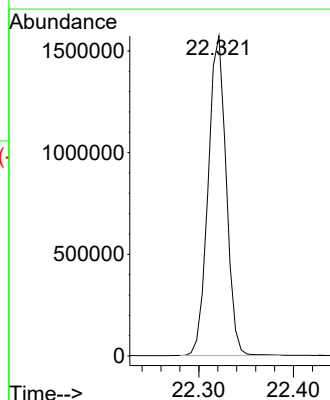
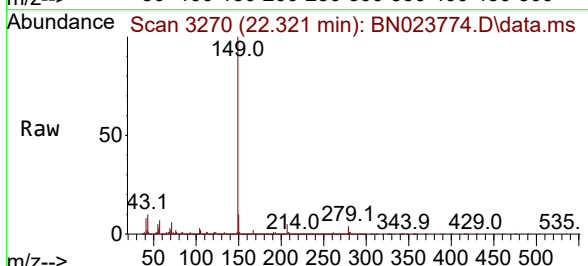
RT: 22.321 min Scan# 3270

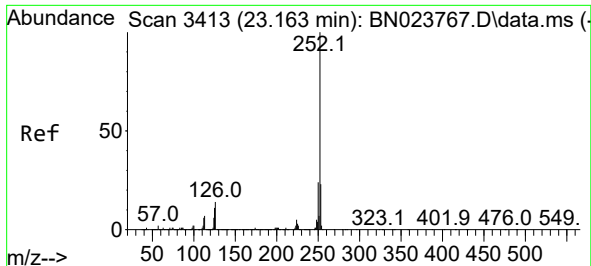
Delta R.T. 0.005 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Tgt Ion:149 Resp: 2075875

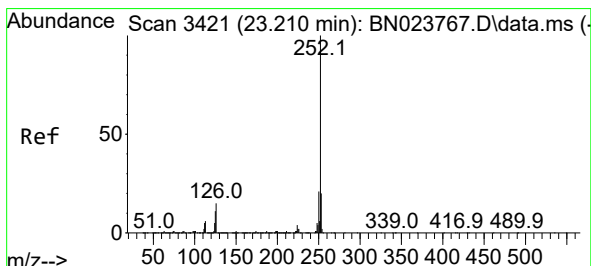
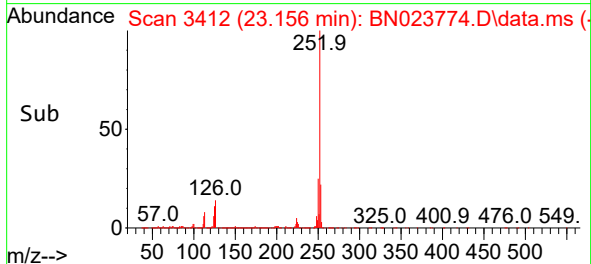
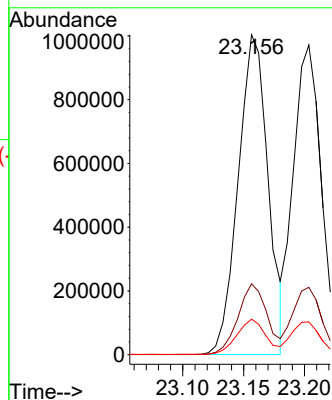
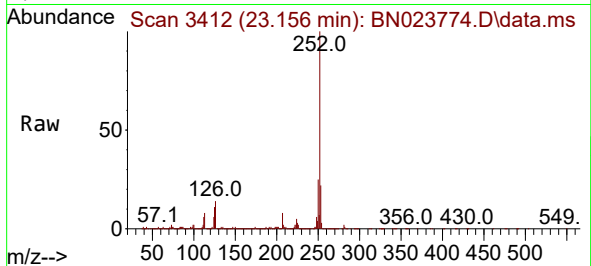




#90
Benzo(b)fluoranthene
Concen: 33.374 ng/ul
RT: 23.156 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

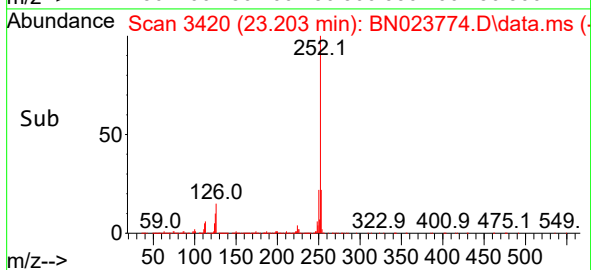
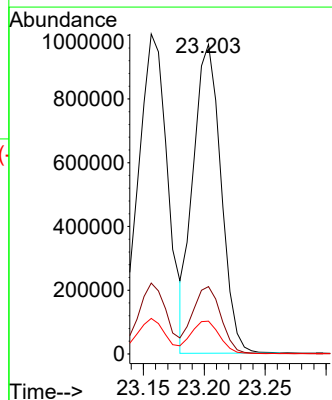
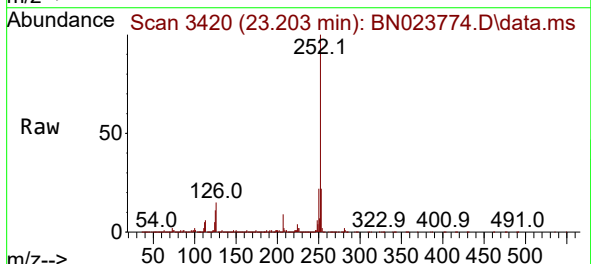
Instrument :
BNA_N
ClientSampleId :

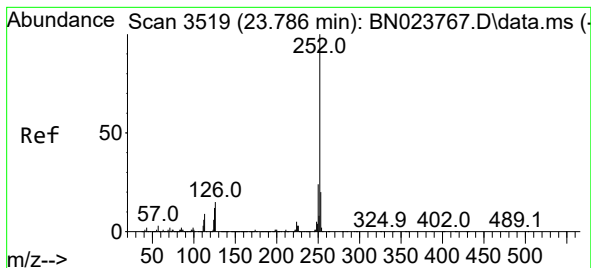
Tgt Ion:252 Resp: 1716286
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.1 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 30.342 ng/ul
RT: 23.203 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BN023774.D
Acq: 24 Jan 2023 13:14

Tgt Ion:252 Resp: 1543351
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.6 8.6 12.8





#93

Benzo(a)pyrene

Concen: 32.811 ng/ul

RT: 23.792 min Scan# 3

Delta R.T. 0.005 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :

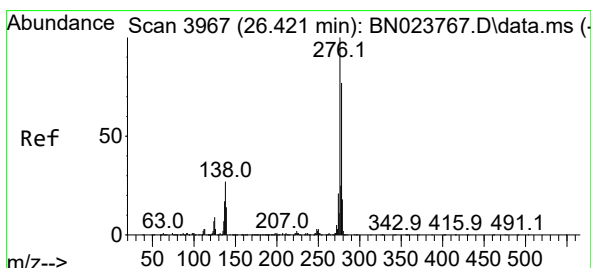
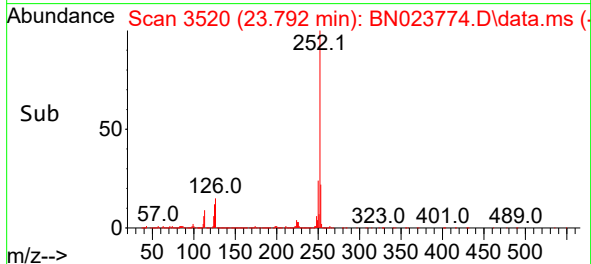
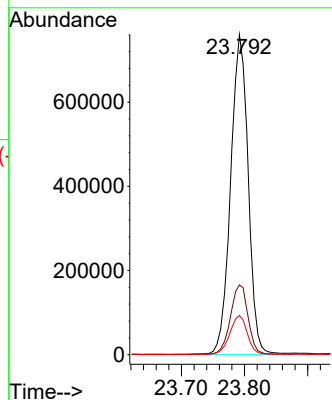
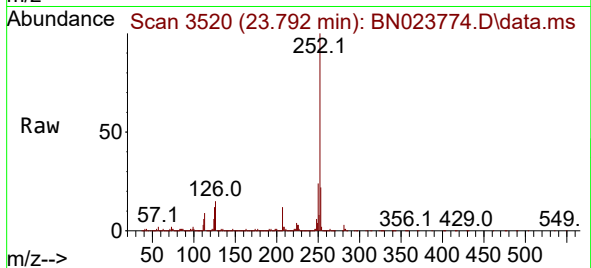
Tgt Ion:252 Resp: 1463377

Ion Ratio Lower Upper

252 100

253 21.8 16.6 25.0

125 12.2 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.470 ng/ul

RT: 26.409 min Scan# 3965

Delta R.T. -0.012 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

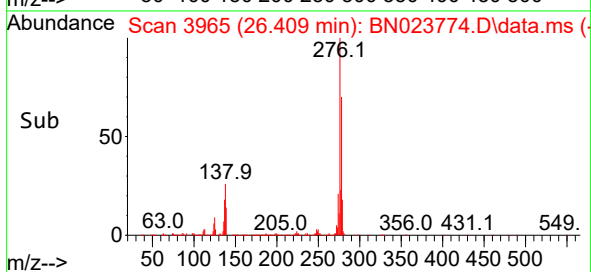
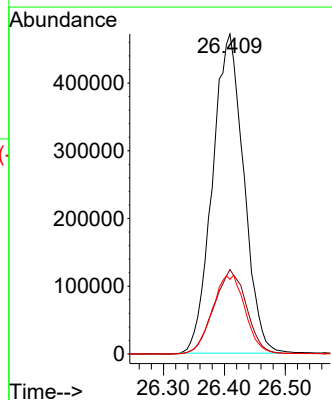
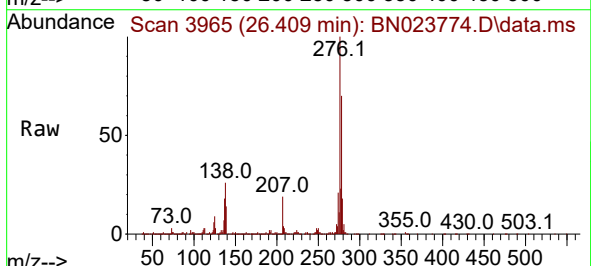
Tgt Ion:276 Resp: 1679493

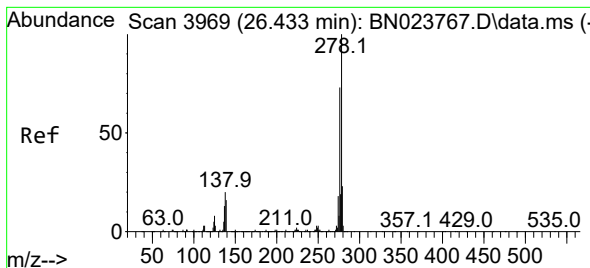
Ion Ratio Lower Upper

276 100

138 26.3 20.6 30.8

277 23.3 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 30.890 ng/ul

RT: 26.427 min Scan# 3968

Delta R.T. -0.006 min

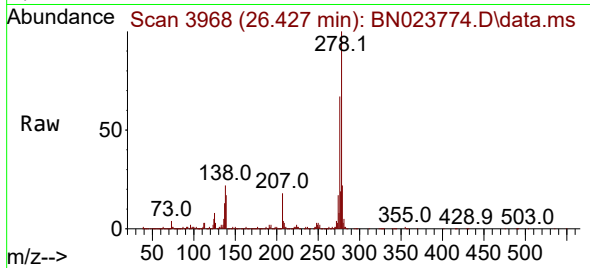
Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Instrument :

BNA_N

ClientSampleId :



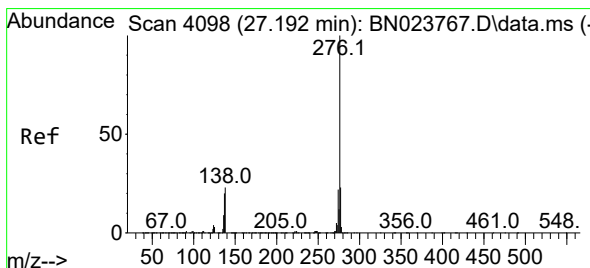
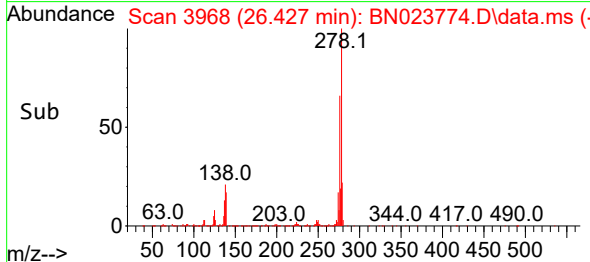
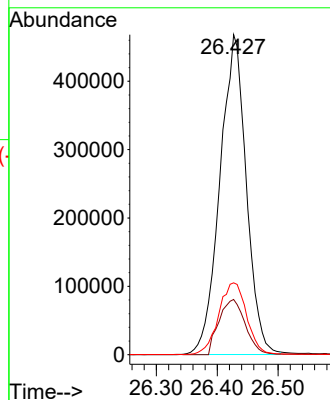
Tgt Ion:278 Resp: 1407801

Ion Ratio Lower Upper

278 100

139 17.2 14.1 21.1

279 22.4 18.0 27.0



#96

Benzo(g,h,i)perylene

Concen: 31.251 ng/ul

RT: 27.186 min Scan# 4097

Delta R.T. -0.006 min

Lab File: BN023774.D

Acq: 24 Jan 2023 13:14

Tgt Ion:276 Resp: 1371789

Ion Ratio Lower Upper

276 100

138 22.8 17.0 25.6

277 22.3 17.6 26.4

