

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032024\
 Data File : BN030437.D
 Acq On : 20 Mar 2024 19:47
 Operator : MA/JU
 Sample : SSTD16025
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160202

Quant Time: Mar 21 00:03:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 21 00:01:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	454868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	2043007	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	1219547	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	2527868	20.000	ng/u1	0.01
79) Chrysene-d12	21.374	240	1599381	20.000	ng/u1	0.01
88) Perylene-d12	24.345	264	1591561	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	833638	61.852	ng/uL	0.00
4) Pyridine-d5	3.622	84	5863713	182.243	ng/u1	0.00
7) Phenol-d5	6.910	99	7387777	183.056	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.087	67	4231455	184.652	ng/u1	0.02
11) 2-Chlorophenol-d4	7.275	132	5579444	172.583	ng/u1	0.02
15) 4-Methylphenol-d8	8.452	113	5781283	181.750	ng/u1	0.02
21) Nitrobenzene-d5	8.904	128	2875193	168.662	ng/u1	0.02
24) 2-Nitrophenol-d4	9.616	143	3082461	172.470	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.151	165	5196539	163.032	ng/u1	0.02
31) 4-Chloroaniline-d4	10.669	131	7435389	157.167	ng/u1	0.02
46) Dimethylphthalate-d6	13.816	166	14120981	143.607	ng/u1	0.03
49) Acenaphthylene-d8	14.075	160	15521485	139.340	ng/u1	0.01
54) 4-Nitrophenol-d4	14.610	143	3044797	174.646	ng/u1	0.05
60) Fluorene-d10	15.381	176	10889641	135.001	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.516	200	2391799	151.485	ng/u1	0.04
73) Anthracene-d10	17.233	188	15918955	129.689	ng/u1	0.02
81) Pyrene-d10	19.527	212	16437244	161.832	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.162	264	14601777	175.159	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	860095	66.480	ng/uL	97
5) Pyridine	3.640	79	5809682	177.481	ng/u1	96
6) Benzaldehyde	6.881	77	2192414	116.557	ng/u1	98
8) Phenol	6.940	94	7306792	181.948	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.181	93	5720653	178.240	ng/u1	97
12) 2-Chlorophenol	7.305	128	5573232	167.542	ng/u1	98
13) 2-Methylphenol	8.181	108	5508977	182.968	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.263	45	7456200	255.505	ng/u1	98
16) Acetophenone	8.575	105	8106757	158.563	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	4007145	163.813	ng/u1	94
18) 4-Methylphenol	8.534	108	6047605	190.088	ng/u1	97
19) Hexachloroethane	8.804	117	2270197	146.904	ng/u1	97
22) Nitrobenzene	8.951	77	6426486	146.089	ng/u1	95
23) Isophorone	9.493	82	12886928	169.458	ng/u1	97
25) 2-Nitrophenol	9.651	139	3209380	166.688	ng/u1	97
26) 2,4-Dimethylphenol	9.716	107	6003983	151.075	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.963	93	7737335	173.457	ng/u1	99
29) 2,4-Dichlorophenol	10.181	162	5004540	156.325	ng/u1	99
30) Naphthalene	10.575	128	16188654	138.816	ng/u1	97
32) 4-Chloroaniline	10.698	127	6951253	151.068	ng/u1	99
33) Hexachlorobutadiene	10.857	225	3015862	135.040	ng/u1	99
34) Caprolactam	11.540	113	1150843	120.721	ng/u1	94
35) 4-Chloro-3-methylphenol	11.834	107	5979697	165.059	ng/u1	96
36) 2-Methylnaphthalene	12.198	142	10777434	141.901	ng/u1	99

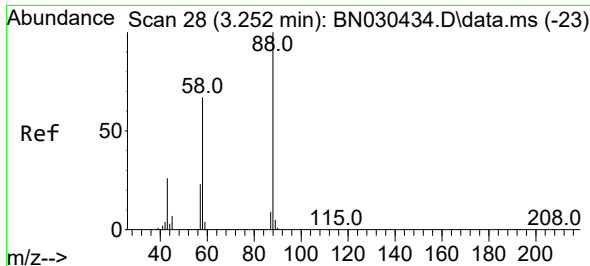
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032024\
 Data File : BN030437.D
 Acq On : 20 Mar 2024 19:47
 Operator : MA/JU
 Sample : SSTD16025
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160202

Quant Time: Mar 21 00:03:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 21 00:01:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	10615994	141.381	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.563	216	5364326	139.293	ng/ul	98
40) Hexachlorocyclopentadiene	12.540	237	3497964	121.263	ng/ul	96
41) 2,4,6-Trichlorophenol	12.804	196	3989694	163.289	ng/ul	98
42) 2,4,5-Trichlorophenol	12.881	196	4336290	162.407	ng/ul	95
43) 1,1'-Biphenyl	13.222	154	12606391	122.478	ng/ul	98
44) 2-Chloronaphthalene	13.257	162	10680898	133.613	ng/ul	95
45) 2-Nitroaniline	13.469	65	3789098	164.406	ng/ul	98
47) Dimethylphthalate	13.863	163	13622138	136.314	ng/ul	98
48) 2,6-Dinitrotoluene	13.981	165	3224891	167.102	ng/ul	95
50) Acenaphthylene	14.104	152	15167121	117.027	ng/ul	94
51) 3-Nitroaniline	14.304	138	3150911	166.619	ng/ul#	96
52) Acenaphthene	14.451	153	10982588	127.904	ng/ul	96
53) 2,4-Dinitrophenol	14.504	184	1837778	169.473	ng/ul	93
55) 4-Nitrophenol	14.628	109	2199004	111.254	ng/ul	99
56) Dibenzofuran	14.786	168	14370427	125.471	ng/ul	92
57) 2,4-Dinitrotoluene	14.763	165	4405019	159.932	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.010	232	3572134	166.237	ng/ul	96
59) Diethylphthalate	15.234	149	13968906	130.781	ng/ul	97
61) Fluorene	15.445	166	9332828	98.707	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.434	204	5008258	110.644	ng/ul	96
63) 4-Nitroaniline	15.492	138	2748335	156.971	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.534	198	2645770	155.297	ng/ul#	96
67) N-Nitrosodiphenylamine	15.651	169	10236980	128.354	ng/ul	94
68) 4-Bromophenyl-phenylether	16.333	248	4209635	155.432	ng/ul	90
69) Hexachlorobenzene	16.433	284	4808021	162.104	ng/ul	93
70) Atrazine	16.622	200	3391502	123.557	ng/ul	96
71) Pentachlorophenol	16.775	266	3216427	160.255	ng/ul	99
72) Phenanthrene	17.169	178	17009584	115.376	ng/ul	95
74) Anthracene	17.169	178	17009584	113.422	ng/ul	93
75) 1,2,3,4-Tetrachloroben...	13.169	216	5542414	146.870	ng/uL	97
76) Pentachlorobenzene	14.698	250	5334057	151.571	ng/uL	94
77) Carbazole	17.533	167	16517684	124.026	ng/ul#	93
80) Fluoranthene	19.186	202	17130617	137.642	ng/ul	95
82) Pyrene	19.557	202	15611974	122.044	ng/ul#	93
83) Butylbenzylphthalate	20.474	149	8825143	144.009	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.286	252	5459269	157.068	ng/ul	98
85) Benzo(a)anthracene	21.357	228	17491630	145.740	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.310	149	11764119	126.826	ng/ul#	95
87) Chrysene	21.421	228	15573216	139.906	ng/ul#	90
89) Di-n-octyl phthalate	22.445	149	18137509	121.742	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	17370285	165.530	ng/ul	100
91) Benzo(k)fluoranthene	23.492	252	16449876	151.776	ng/ul	97
93) Benzo(a)pyrene	24.239	252	16168603	162.798	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.745	276	18171173	153.845	ng/ul	99
95) Dibenzo(a,h)anthracene	27.798	278	7989511	82.976	ng/ul	98
96) Benzo(g,h,i)perylene	28.797	276	15890105	166.102	ng/ul	99

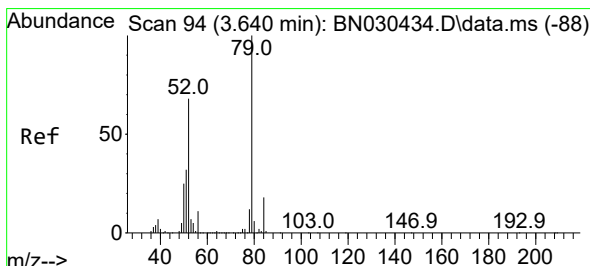
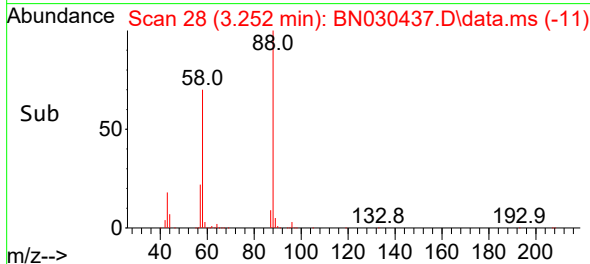
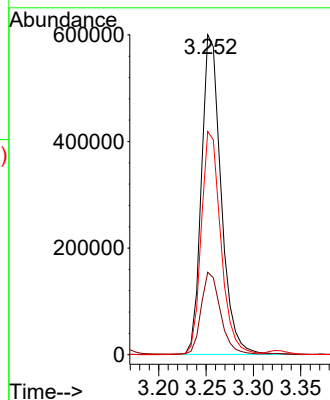
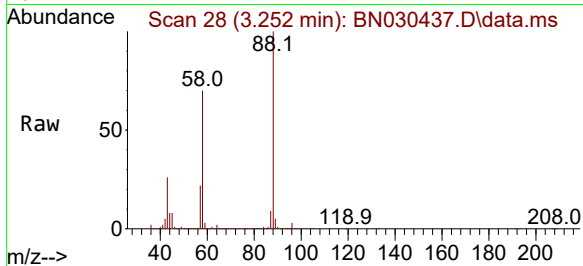
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 66.480 ng/uL
RT: 3.252 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

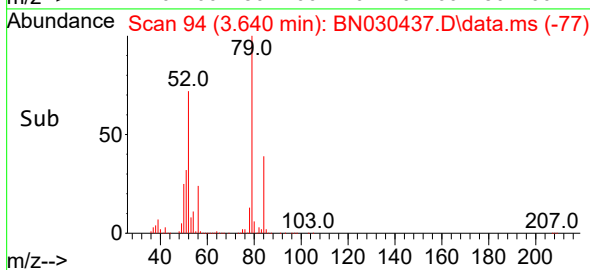
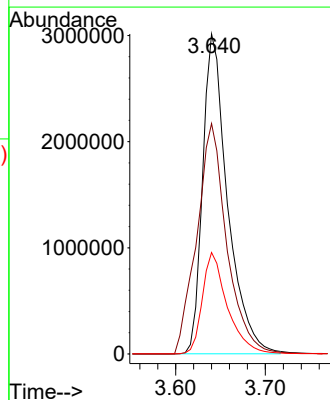
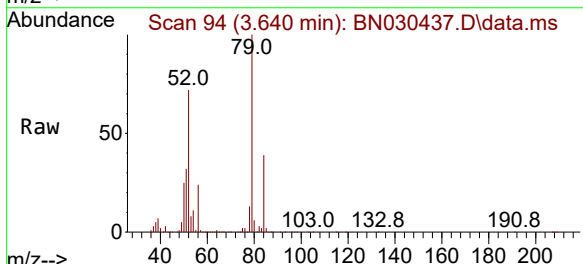
Instrument :
BNA_N
ClientSampleId :
SSTD160202

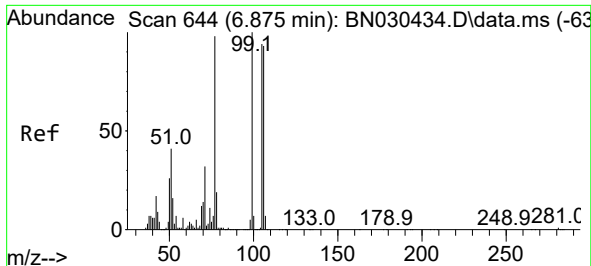
Tgt Ion: 88 Resp: 860095
Ion Ratio Lower Upper
88 100
43 25.8 21.6 32.4
58 69.8 53.5 80.3



#5
Pyridine
Concen: 177.481 ng/uL
RT: 3.640 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion: 79 Resp: 5809682
Ion Ratio Lower Upper
79 100
52 72.0 54.2 81.4
51 31.7 26.0 39.0

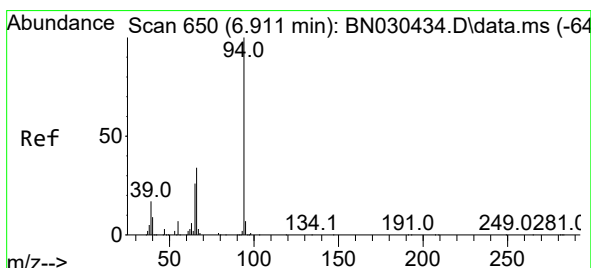
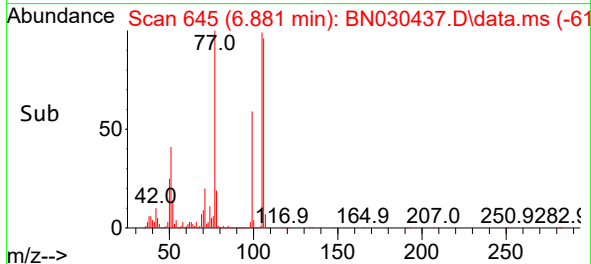
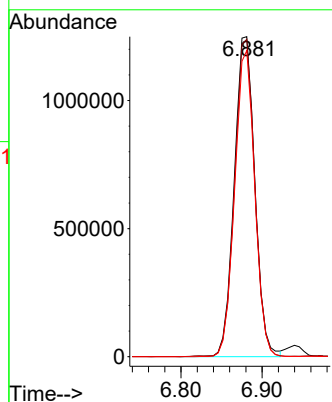
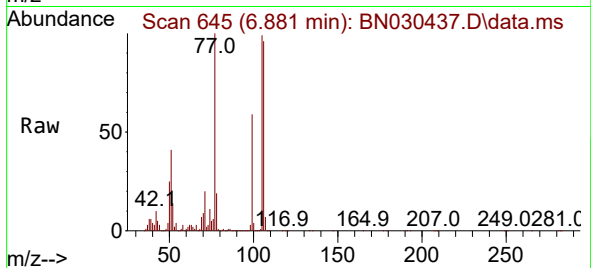




#6
Benzaldehyde
Concen: 116.557 ng/ul
RT: 6.881 min Scan# 644
Delta R.T. 0.006 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

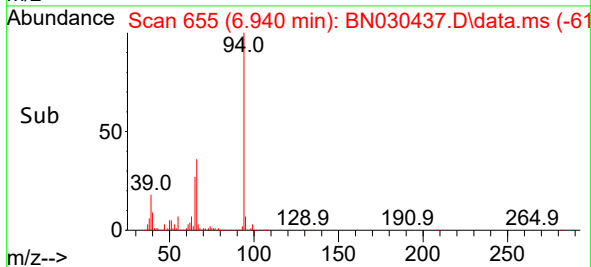
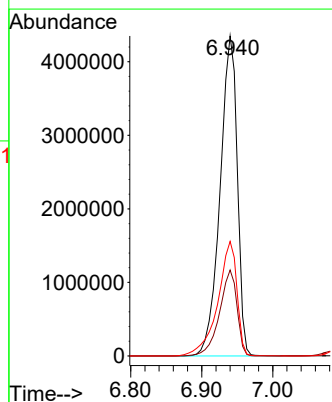
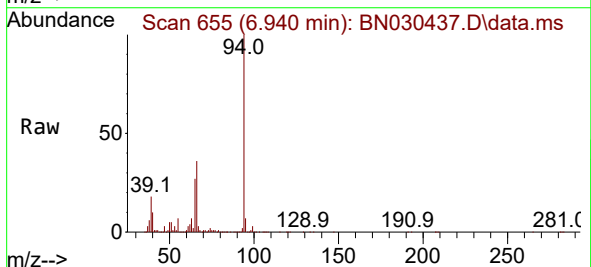
Instrument :
BNA_N
ClientSampleId :
SSTD160202

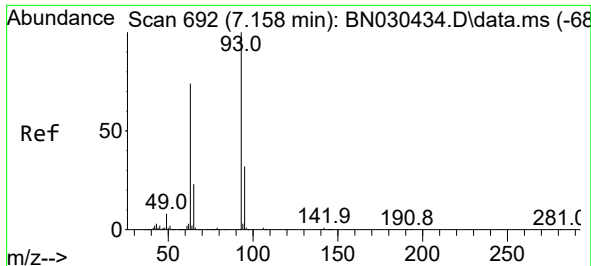
Tgt Ion: 77 Resp: 2192414
Ion Ratio Lower Upper
77 100
105 99.2 76.7 115.1
106 95.7 75.4 113.2



#8
Phenol
Concen: 181.948 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. 0.029 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion: 94 Resp: 7306792
Ion Ratio Lower Upper
94 100
65 26.8 21.3 31.9
66 35.8 27.8 41.8



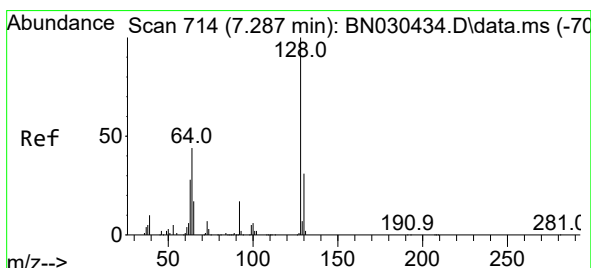
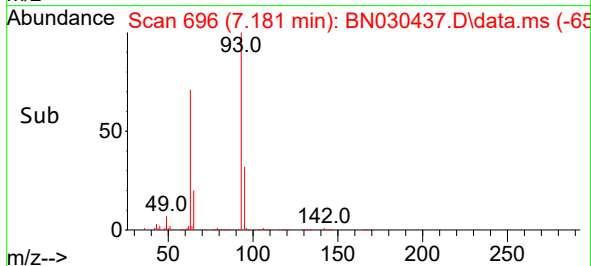
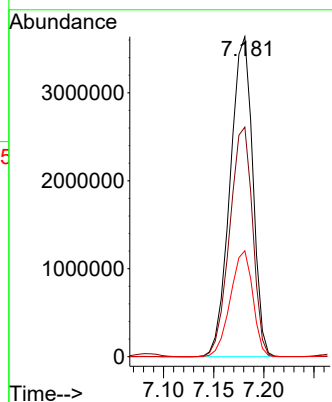
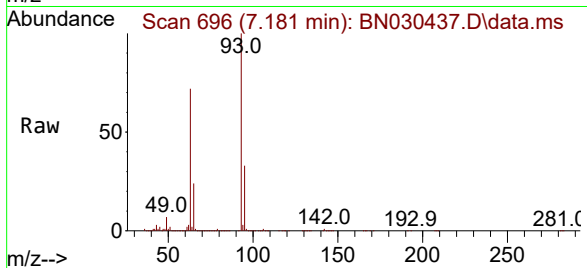


#10
Bis(2-Chloroethyl)ether
Concen: 178.240 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. 0.023 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Instrument :
BNA_N
ClientSampleId :
SSTD160202

Tgt Ion: 93 Resp: 5720653

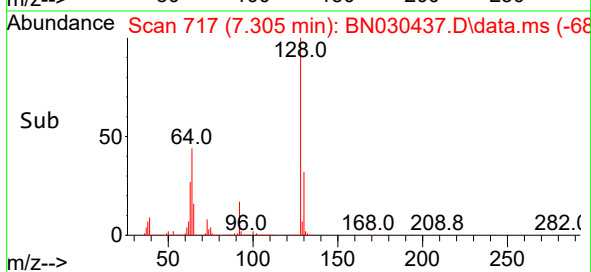
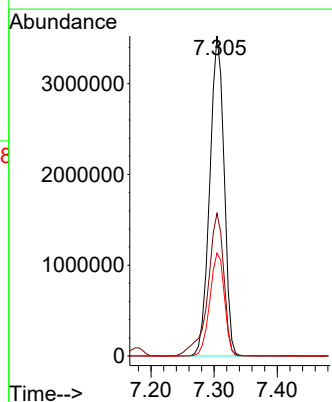
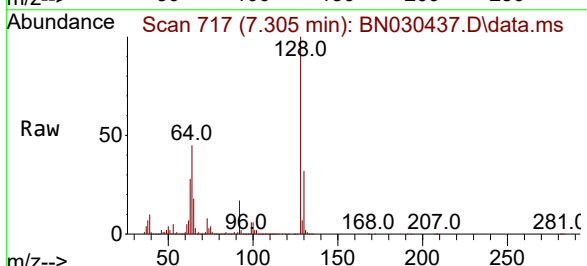
Ion	Ratio	Lower	Upper
93	100		
63	71.8	59.4	89.0
95	33.1	25.4	38.0

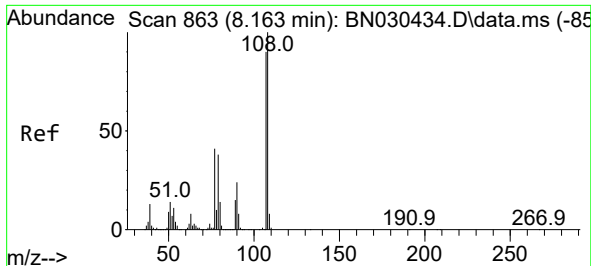


#12
2-Chlorophenol
Concen: 167.542 ng/ul
RT: 7.305 min Scan# 717
Delta R.T. 0.018 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:128 Resp: 5573232

Ion	Ratio	Lower	Upper
128	100		
64	44.5	37.3	55.9
130	32.1	25.2	37.8





#13

2-Methylphenol

Concen: 182.968 ng/ul

RT: 8.181 min Scan# 80

Delta R.T. 0.017 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

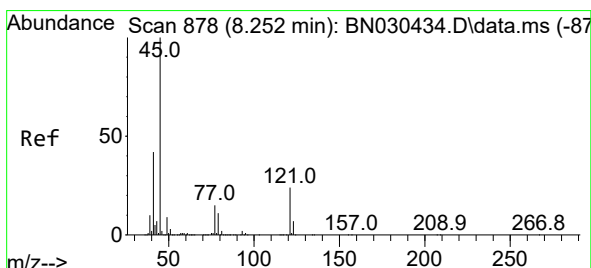
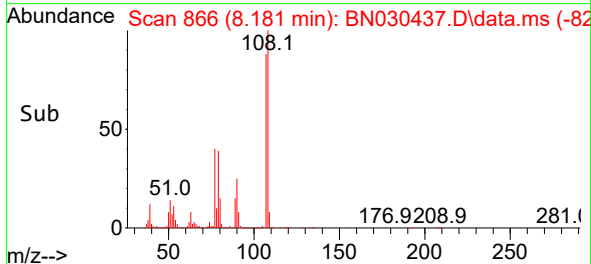
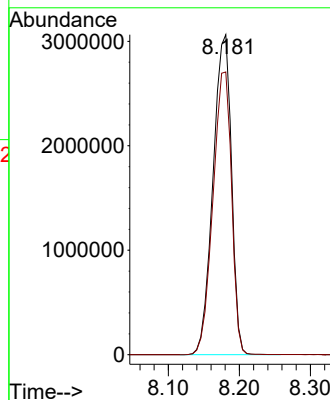
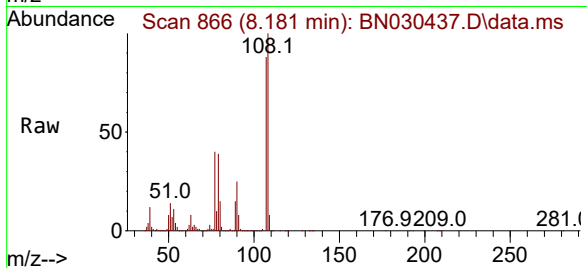
SSTD160202

Tgt Ion:108 Resp: 5508977

Ion Ratio Lower Upper

108 100

107 88.3 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 255.505 ng/ul

RT: 8.263 min Scan# 880

Delta R.T. 0.012 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

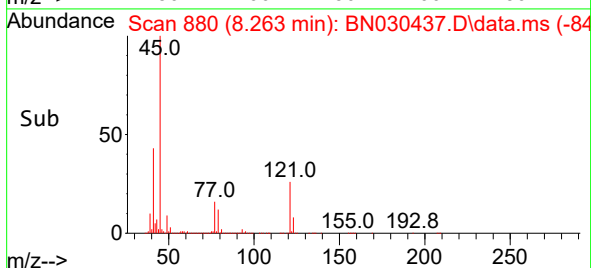
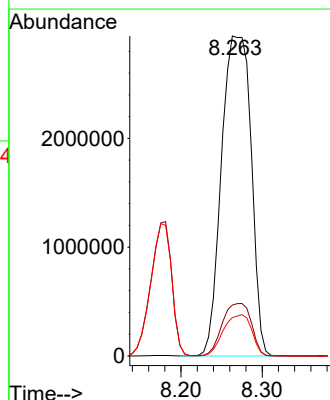
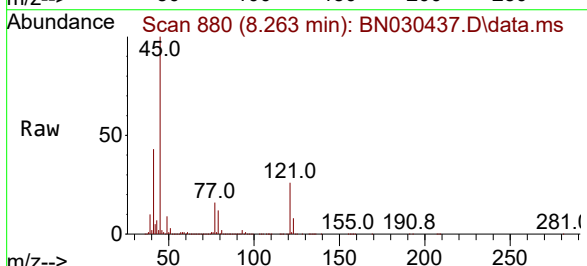
Tgt Ion: 45 Resp: 7456200

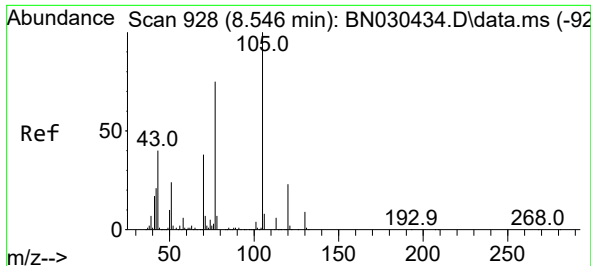
Ion Ratio Lower Upper

45 100

77 15.9 12.0 18.0

79 12.0 9.0 13.4

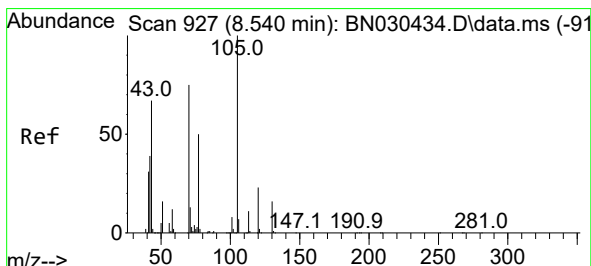
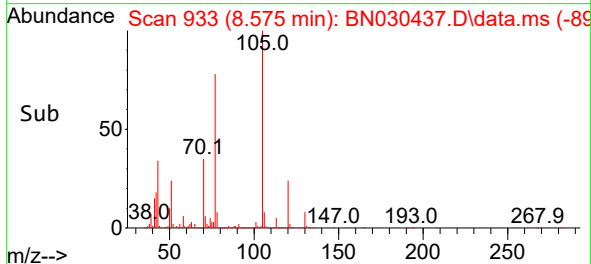
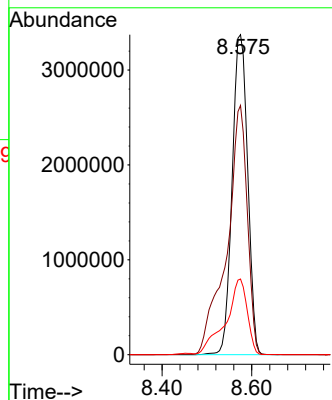
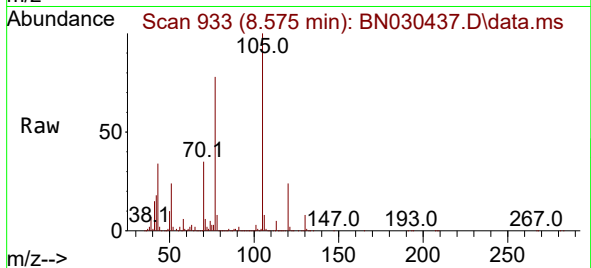




#16
Acetophenone
Concen: 158.563 ng/ul
RT: 8.575 min Scan# 91
Delta R.T. 0.029 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

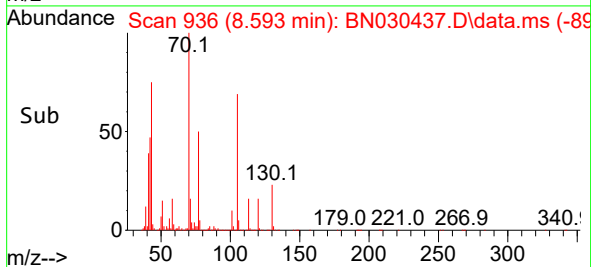
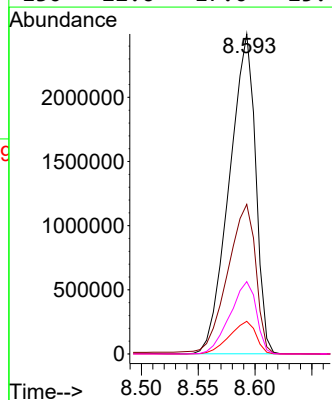
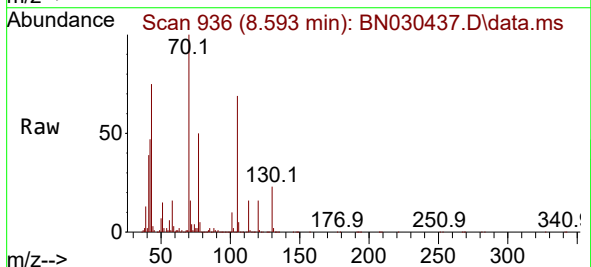
Instrument :
BNA_N
ClientSampleId :
SSTD160202

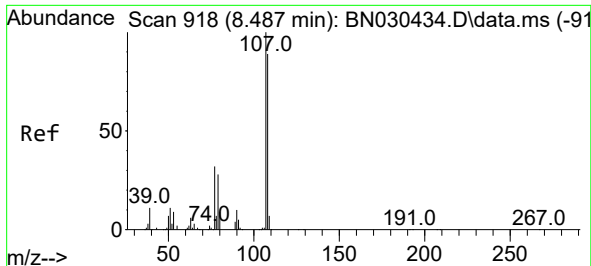
Tgt Ion:105 Resp: 8106757
Ion Ratio Lower Upper
105 100
77 77.9 62.5 93.7
51 23.7 20.0 30.0



#17
N-Nitroso-di-n-propylamine
Concen: 163.813 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. 0.053 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion: 70 Resp: 4007145
Ion Ratio Lower Upper
70 100
42 46.7 42.4 63.6
101 10.2 8.0 12.0
130 22.6 17.0 25.4

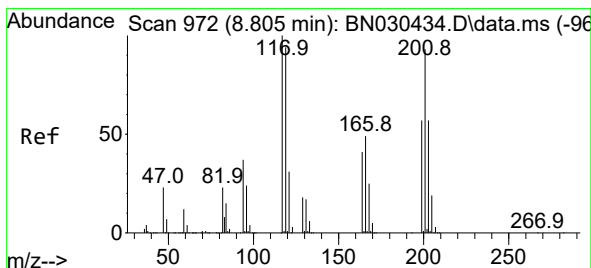
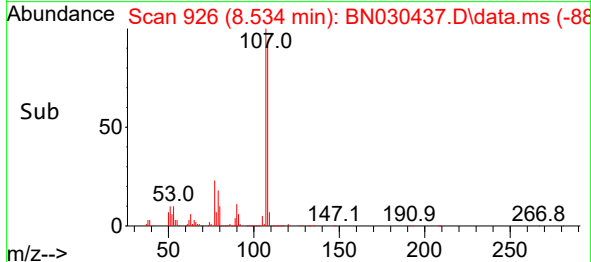
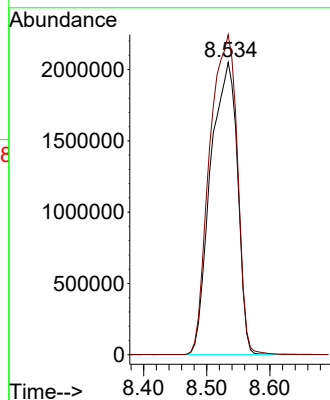
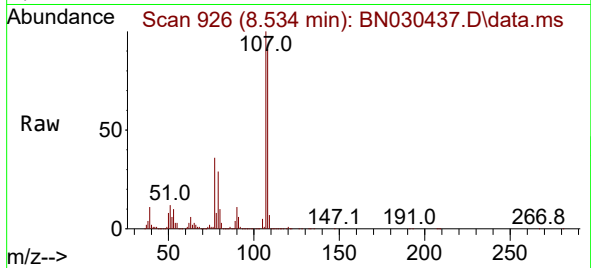




#18
4-Methylphenol
Concen: 190.088 ng/ul
RT: 8.534 min Scan# 918
Delta R.T. 0.047 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

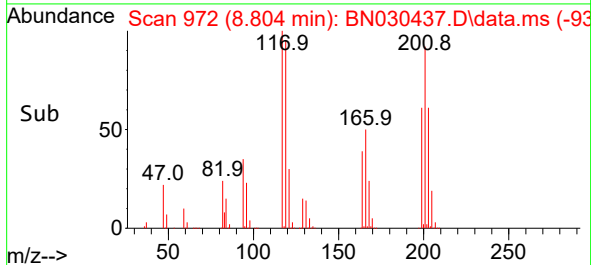
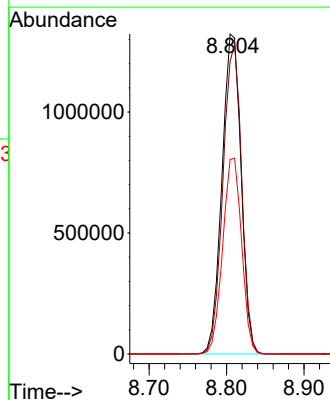
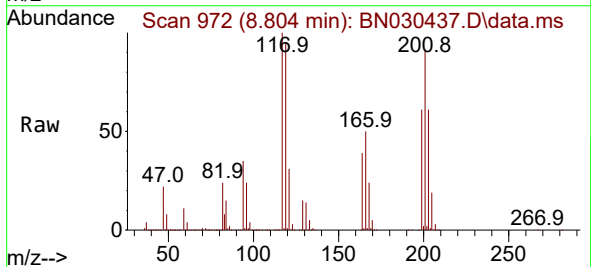
Instrument :
BNA_N
ClientSampleId :
SSTD160202

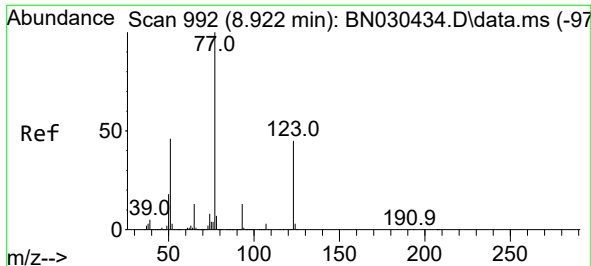
Tgt Ion:108 Resp: 6047605
Ion Ratio Lower Upper
108 100
107 109.5 90.3 135.5



#19
Hexachloroethane
Concen: 146.904 ng/ul
RT: 8.804 min Scan# 972
Delta R.T. -0.000 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:117 Resp: 2270197
Ion Ratio Lower Upper
117 100
201 91.5 74.2 111.2
199 60.8 45.9 68.9

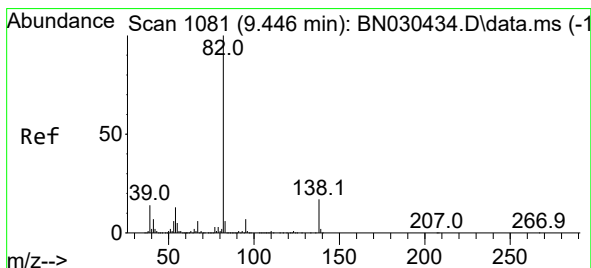
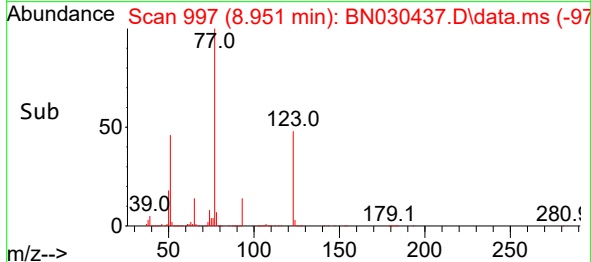
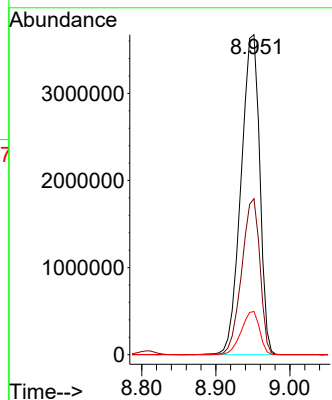
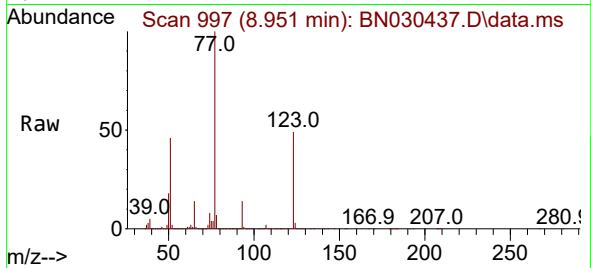




#22
Nitrobenzene
Concen: 146.089 ng/ul
RT: 8.951 min Scan# 997
Delta R.T. 0.029 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

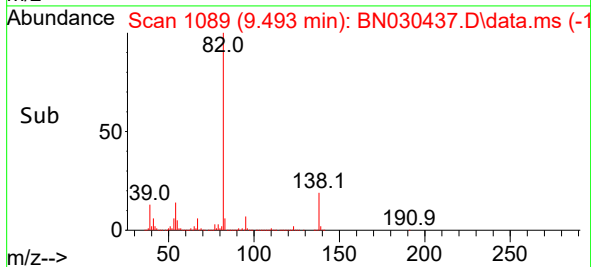
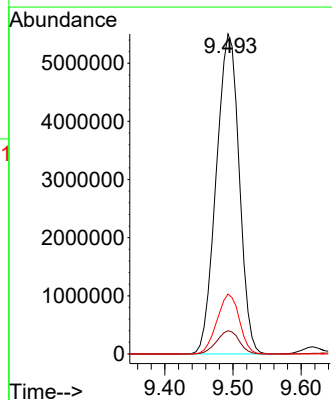
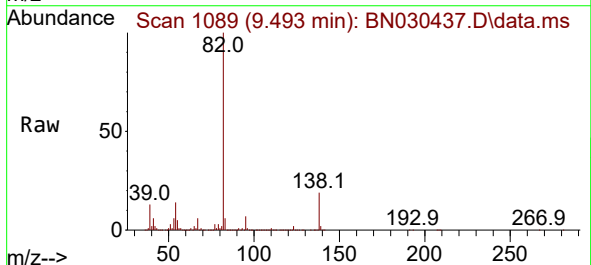
Instrument :
BNA_N
ClientSampleId :
SSTD160202

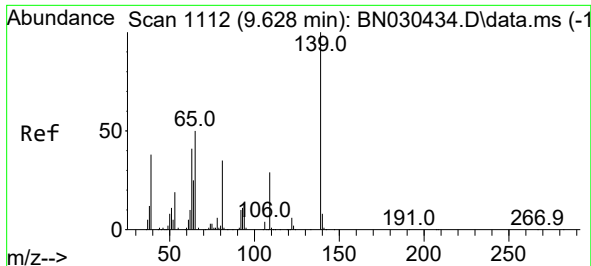
Tgt Ion: 77 Resp: 6426486
Ion Ratio Lower Upper
77 100
123 48.8 35.9 53.9
65 13.5 10.2 15.4



#23
Isophorone
Concen: 169.458 ng/ul
RT: 9.493 min Scan# 1089
Delta R.T. 0.047 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion: 82 Resp:12886928
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.8 13.5 20.3

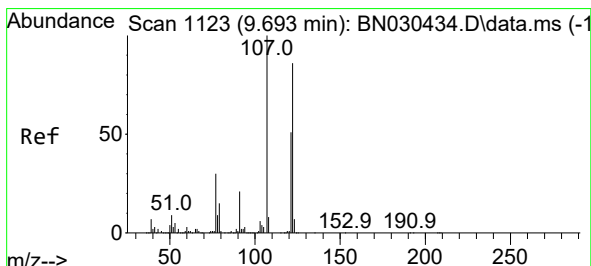
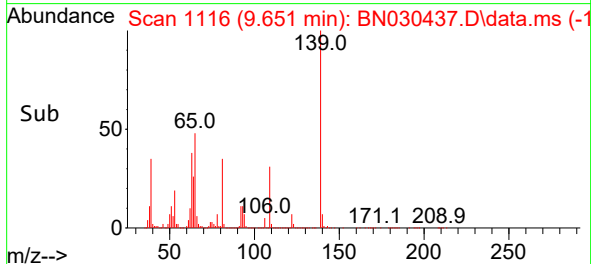
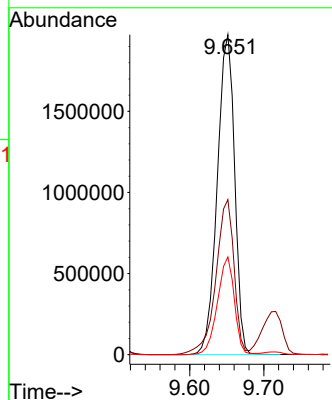
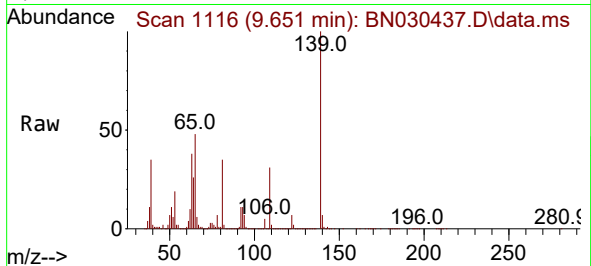




#25
2-Nitrophenol
Concen: 166.688 ng/ul
RT: 9.651 min Scan# 1116
Delta R.T. 0.023 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

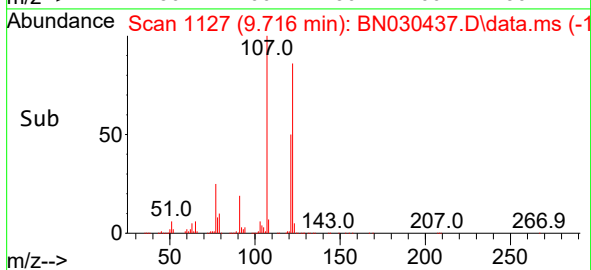
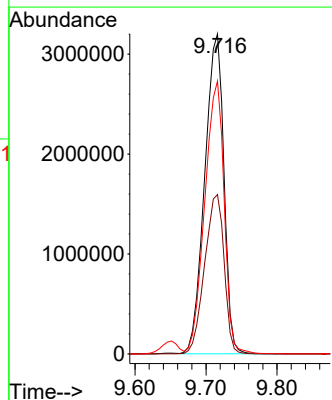
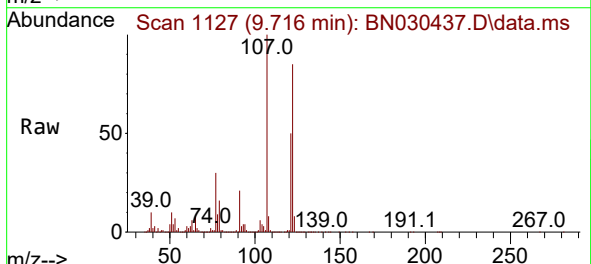
Instrument :
BNA_N
ClientSampleId :
SSTD160202

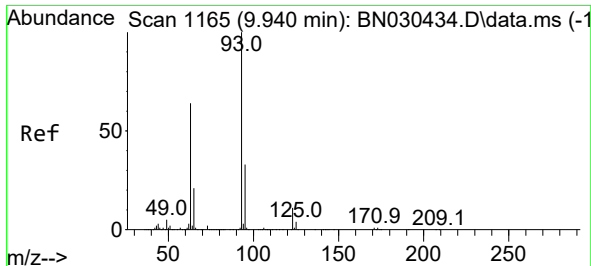
Tgt Ion:139 Resp: 3209380
Ion Ratio Lower Upper
139 100
65 48.4 40.2 60.4
109 30.6 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 151.075 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.023 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:107 Resp: 6003983
Ion Ratio Lower Upper
107 100
121 49.8 40.7 61.1
122 85.3 69.3 103.9

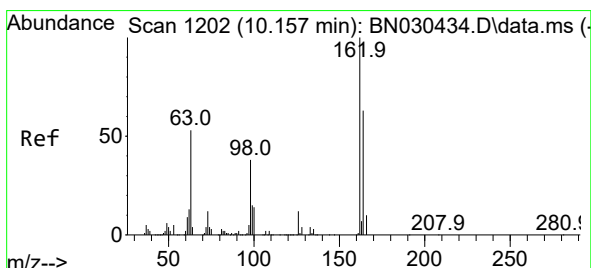
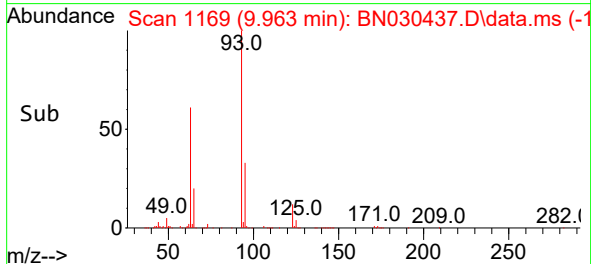
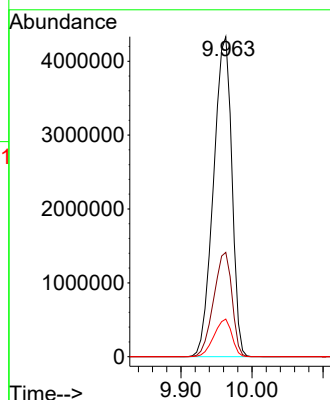
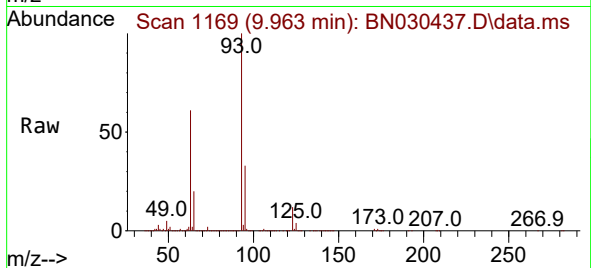




#27
 Bis(2-Chloroethoxy)methane
 Concen: 173.457 ng/ul
 RT: 9.963 min Scan# 1169
 Delta R.T. 0.023 min
 Lab File: BN030437.D
 Acq: 20 Mar 2024 19:47

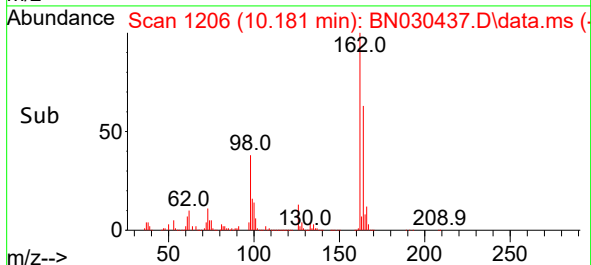
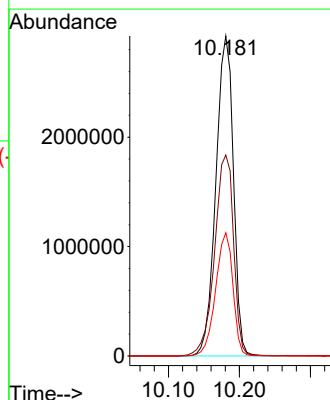
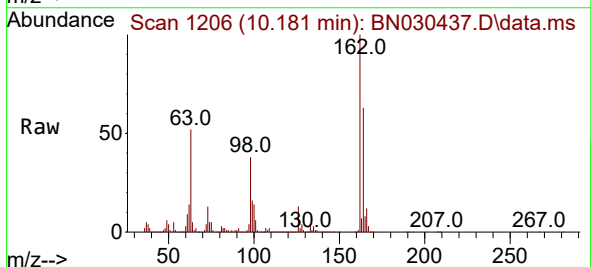
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160202

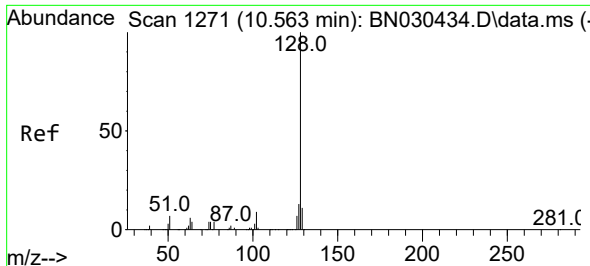
Tgt Ion: 93 Resp: 7737335
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 39.8
 123 11.8 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 156.325 ng/ul
 RT: 10.181 min Scan# 1206
 Delta R.T. 0.023 min
 Lab File: BN030437.D
 Acq: 20 Mar 2024 19:47

Tgt Ion:162 Resp: 5004540
 Ion Ratio Lower Upper
 162 100
 164 62.8 51.0 76.4
 98 38.5 30.2 45.4

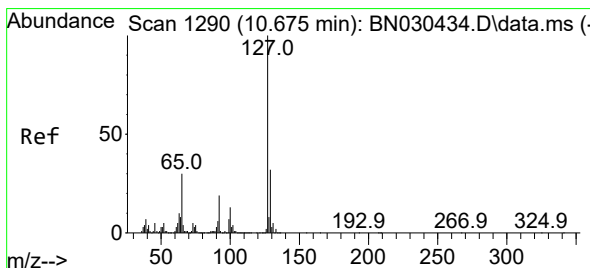
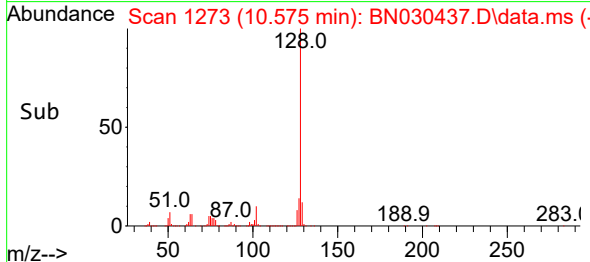
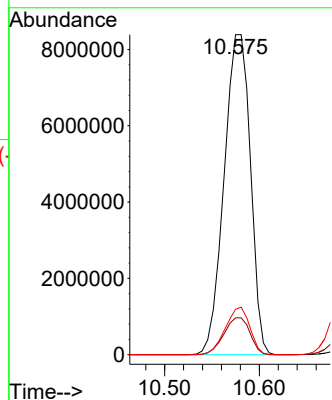
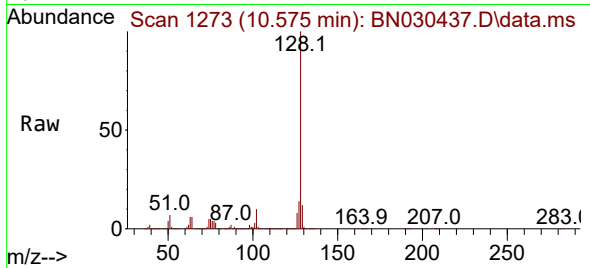




#30
Naphthalene
Concen: 138.816 ng/ul
RT: 10.575 min Scan# 1273
Delta R.T. 0.012 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

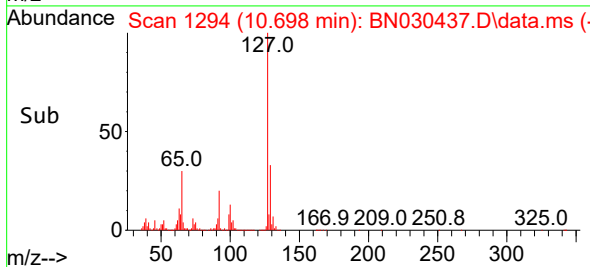
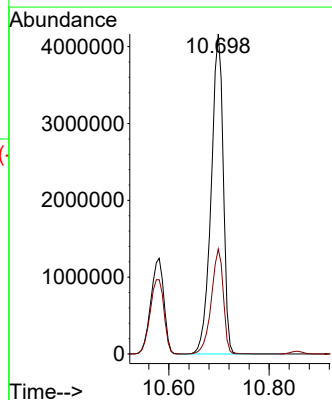
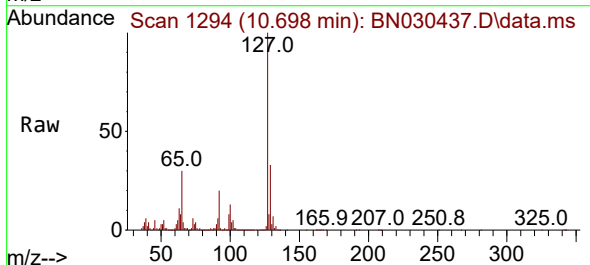
Instrument :
BNA_N
ClientSampleId :
SSTD160202

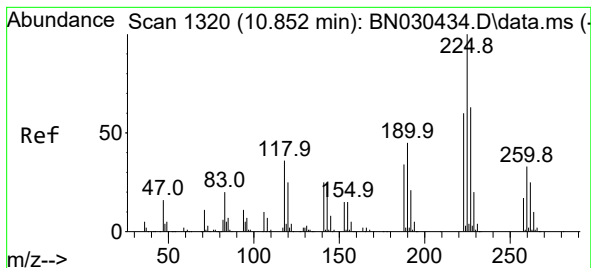
Tgt Ion:128 Resp:16188654
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.2 10.4 15.6



#32
4-Chloroaniline
Concen: 151.068 ng/ul
RT: 10.698 min Scan# 1294
Delta R.T. 0.023 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:127 Resp: 6951253
Ion Ratio Lower Upper
127 100
129 32.8 26.0 39.0





#33

Hexachlorobutadiene

Concen: 135.040 ng/ul

RT: 10.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

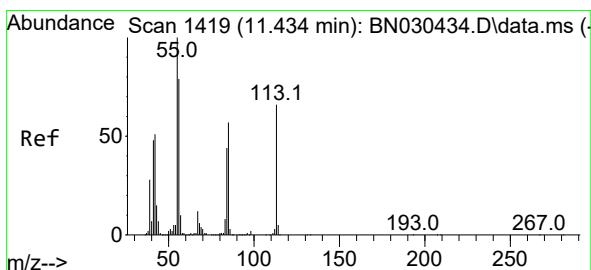
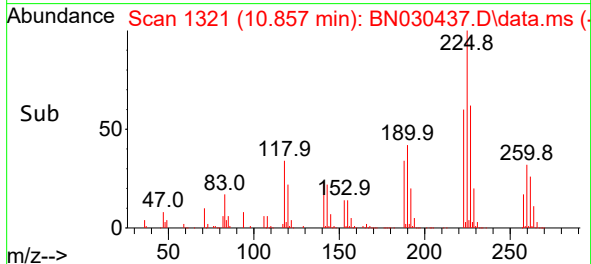
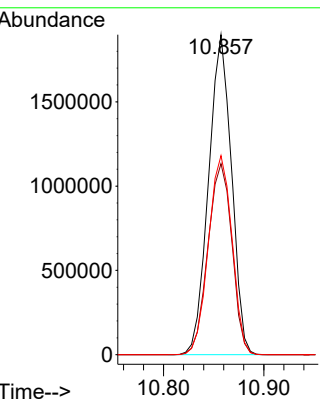
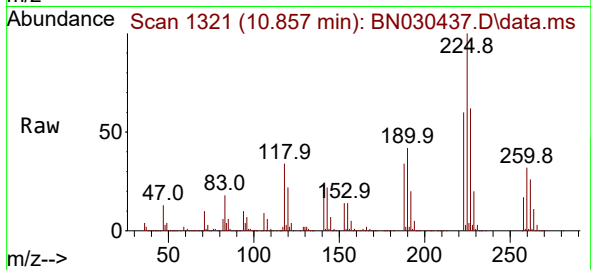
Tgt Ion:225 Resp: 3015862

Ion Ratio Lower Upper

225 100

223 59.7 48.0 72.0

227 62.2 50.6 76.0



#34

Caprolactam

Concen: 120.721 ng/ul

RT: 11.540 min Scan# 1437

Delta R.T. 0.106 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

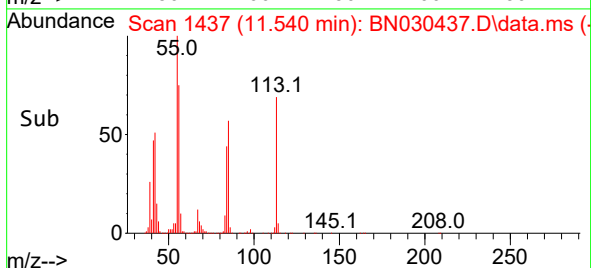
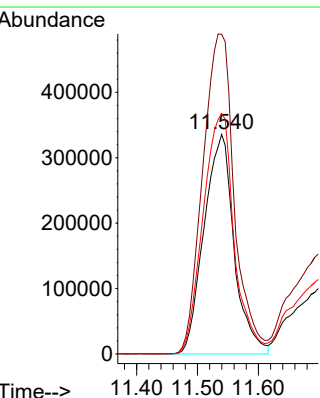
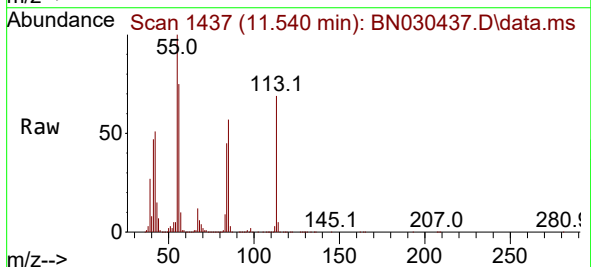
Tgt Ion:113 Resp: 1150843

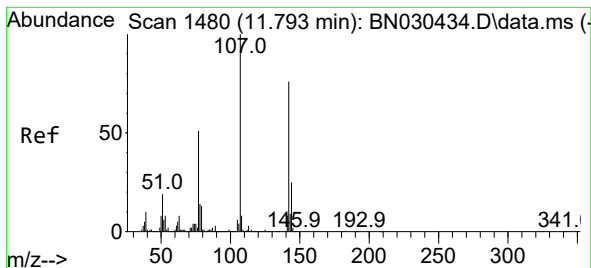
Ion Ratio Lower Upper

113 100

55 145.6 121.4 182.0

56 109.5 95.1 142.7

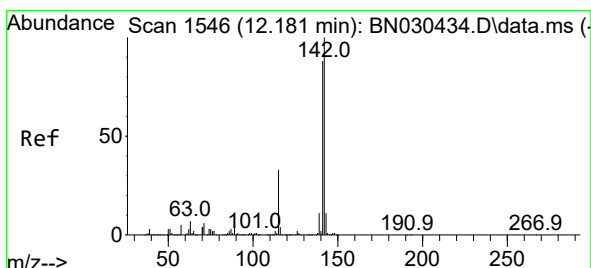
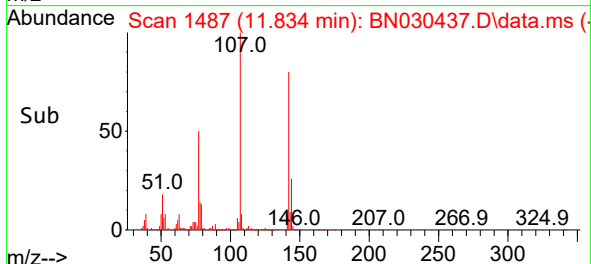
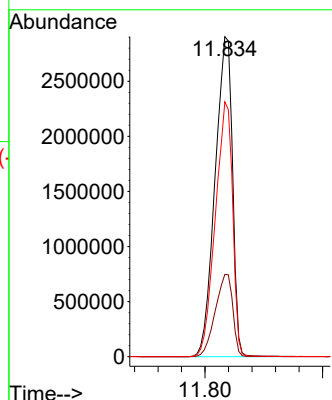
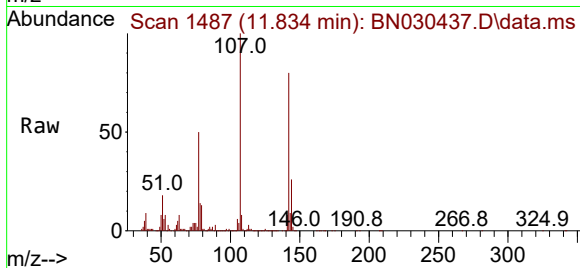




#35
4-Chloro-3-methylphenol
Concen: 165.059 ng/ul
RT: 11.834 min Scan# 1487
Delta R.T. 0.041 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

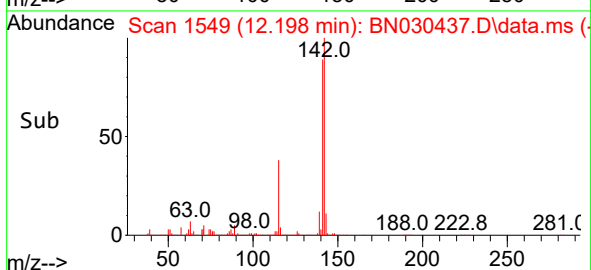
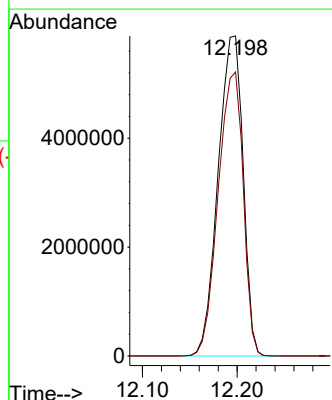
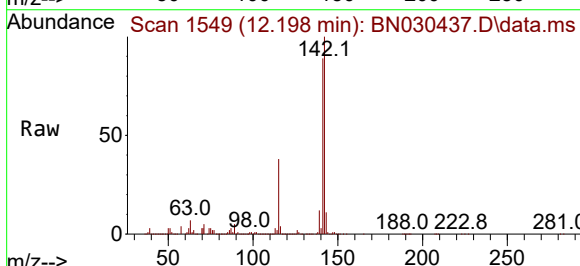
Instrument :
BNA_N
ClientSampleId :
SSTD160202

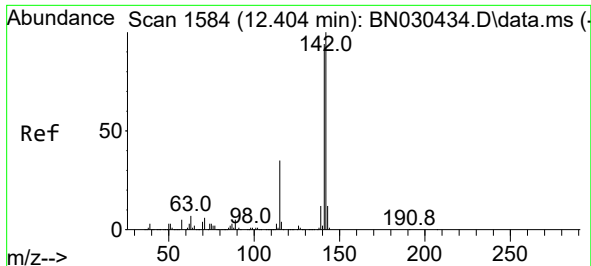
Tgt Ion:107 Resp: 5979697
Ion Ratio Lower Upper
107 100
144 25.7 19.9 29.9
142 79.6 60.6 90.8



#36
2-Methylnaphthalene
Concen: 141.901 ng/ul
RT: 12.198 min Scan# 1549
Delta R.T. 0.017 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:142 Resp:10777434
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8





#37

1-Methylnaphthalene

Concen: 141.381 ng/ul

RT: 12.416 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

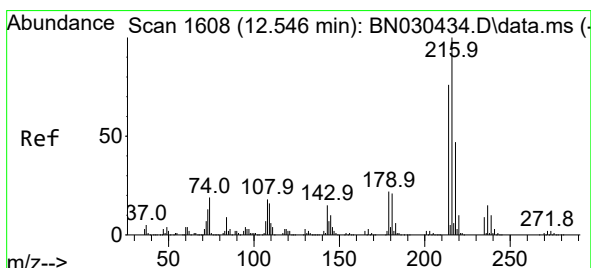
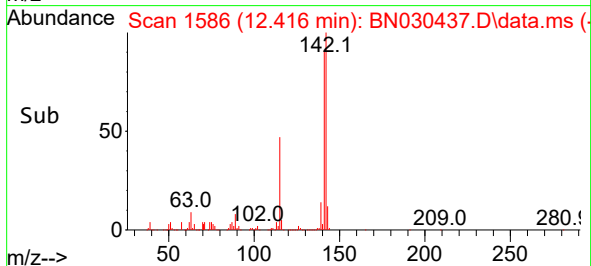
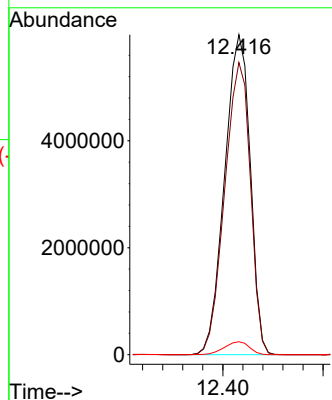
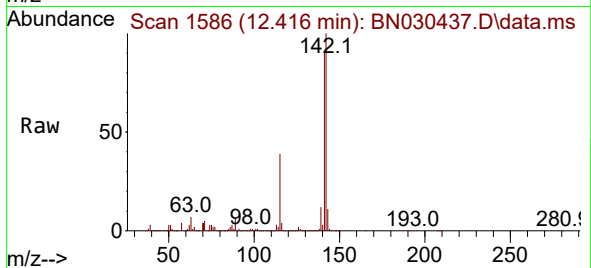
Tgt Ion:142 Resp:10615994

Ion Ratio Lower Upper

142 100

141 91.3 75.5 113.3

116 4.0 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 139.293 ng/ul

RT: 12.563 min Scan# 1611

Delta R.T. 0.018 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Tgt Ion:216 Resp: 5364326

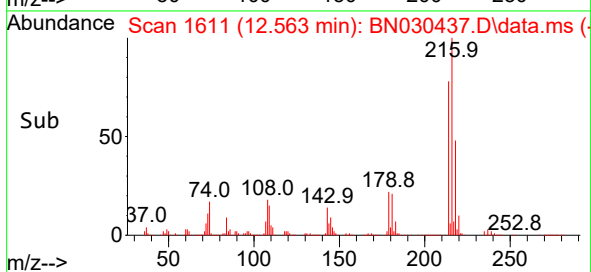
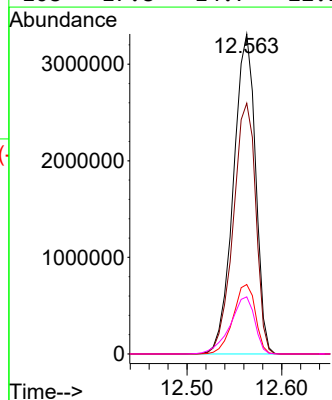
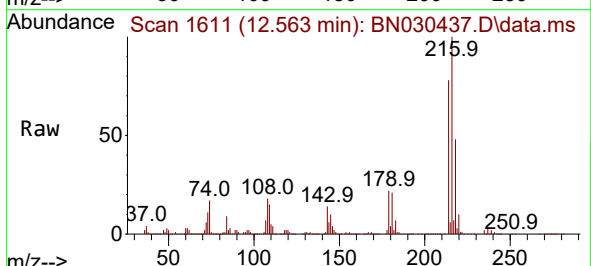
Ion Ratio Lower Upper

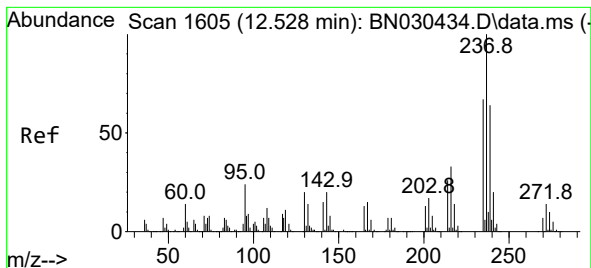
216 100

214 78.4 60.7 91.1

179 21.7 17.7 26.5

108 17.8 14.7 22.1

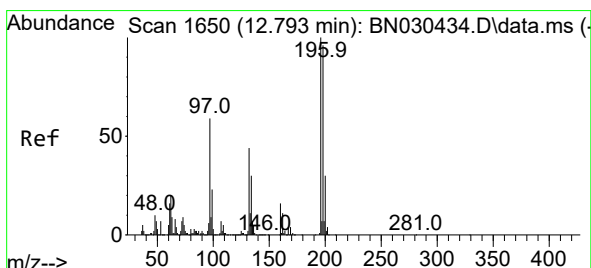
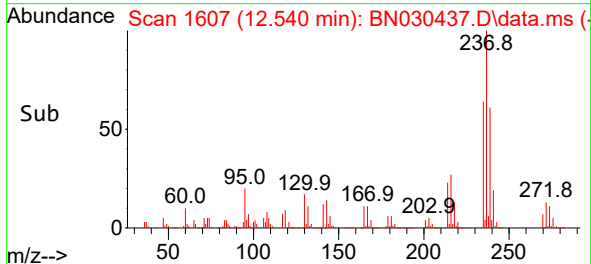
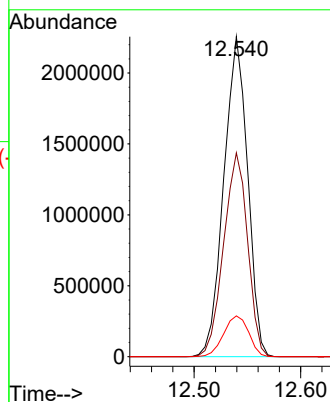
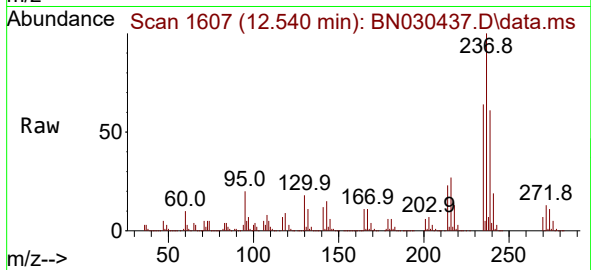




#40
Hexachlorocyclopentadiene
Concen: 121.263 ng/ul
RT: 12.540 min Scan# 1607
Delta R.T. 0.012 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

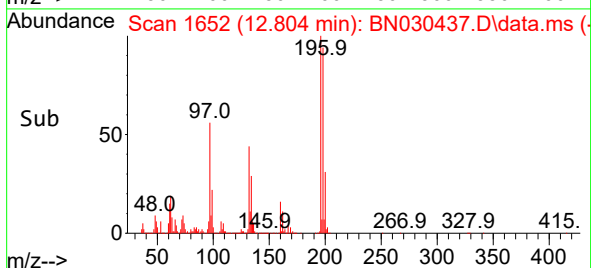
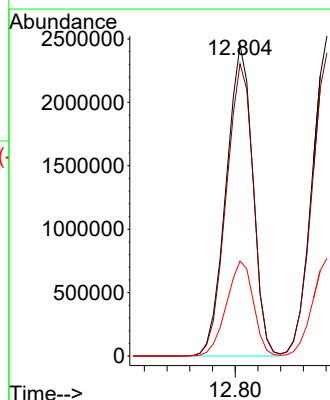
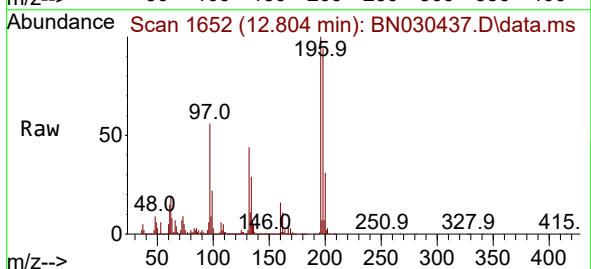
Instrument :
BNA_N
ClientSampleId :
SSTD160202

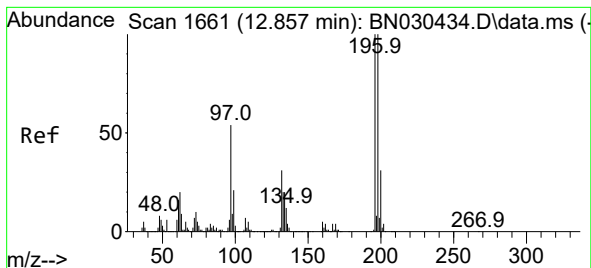
Tgt Ion:237 Resp: 3497964
Ion Ratio Lower Upper
237 100
235 63.7 53.6 80.4
272 12.7 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 163.289 ng/ul
RT: 12.804 min Scan# 1652
Delta R.T. 0.012 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:196 Resp: 3989694
Ion Ratio Lower Upper
196 100
198 94.0 77.0 115.6
200 30.5 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 162.407 ng/ul

RT: 12.881 min Scan# 1

Delta R.T. 0.023 min

Lab File: BN030437.D

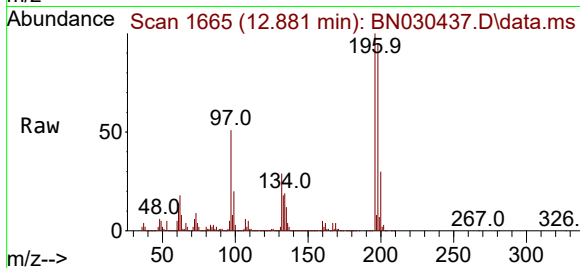
Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202



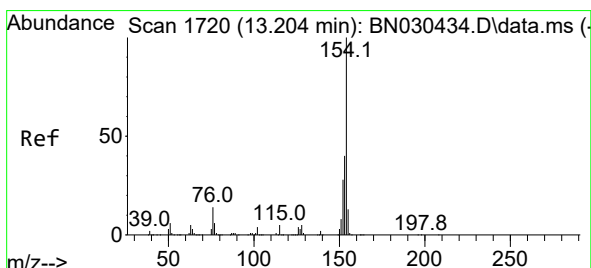
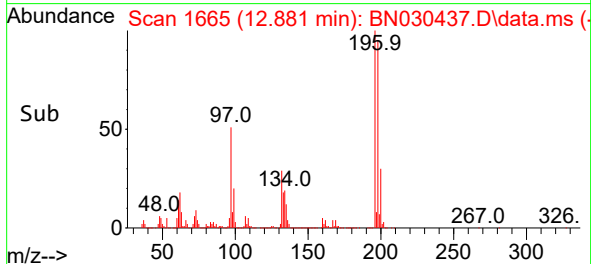
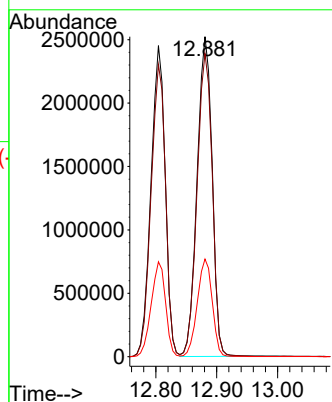
Tgt Ion:196 Resp: 4336290

Ion Ratio Lower Upper

196 100

198 94.7 80.4 120.6

200 30.5 25.1 37.7



#43

1,1'-Biphenyl

Concen: 122.478 ng/ul

RT: 13.222 min Scan# 1723

Delta R.T. 0.017 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

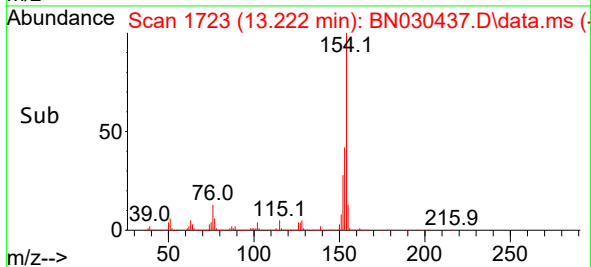
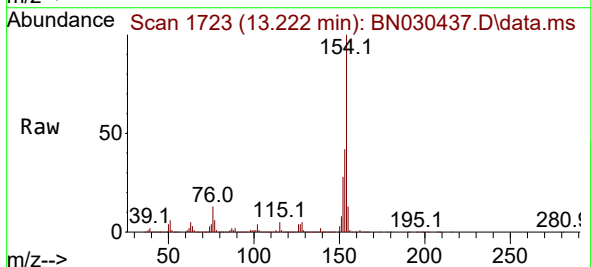
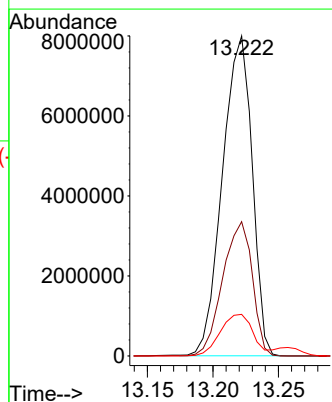
Tgt Ion:154 Resp:12606391

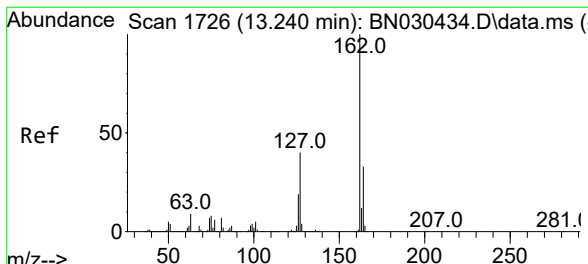
Ion Ratio Lower Upper

154 100

153 41.9 32.3 48.5

76 13.0 11.2 16.8



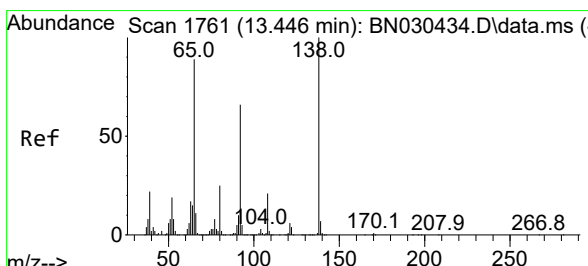
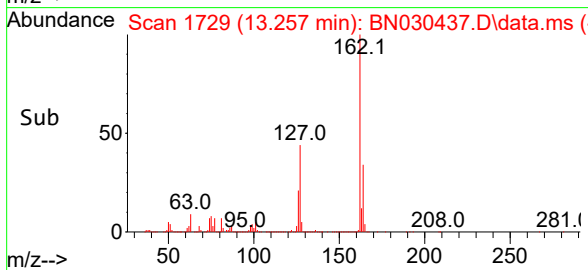
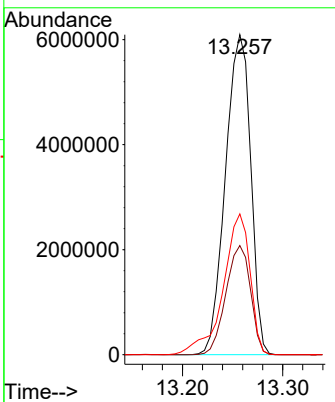
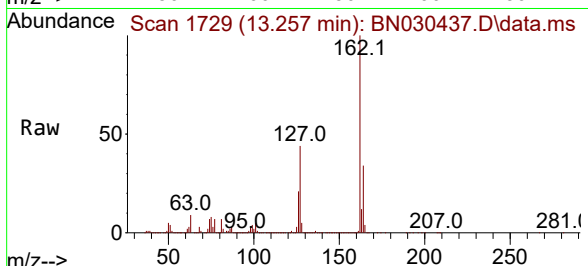


#44
2-Chloronaphthalene
Concen: 133.613 ng/ul
RT: 13.257 min Scan# 1729
Delta R.T. 0.018 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Instrument :
BNA_N
ClientSampleId :
SSTD160202

Tgt Ion:162 Resp:10680898

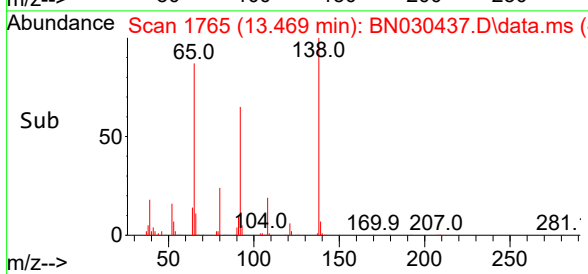
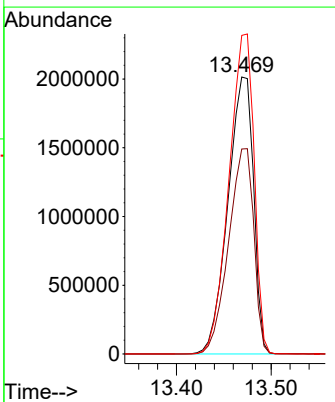
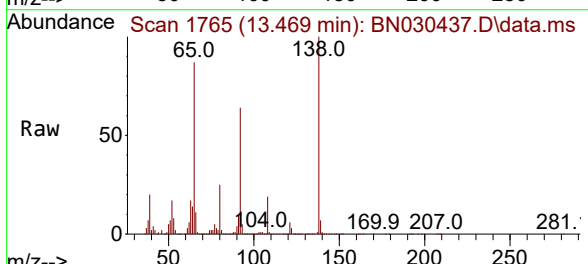
Ion	Ratio	Lower	Upper
162	100		
164	34.1	26.0	39.0
127	44.0	32.3	48.5

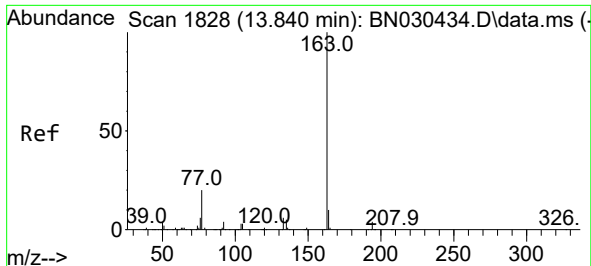


#45
2-Nitroaniline
Concen: 164.406 ng/ul
RT: 13.469 min Scan# 1765
Delta R.T. 0.023 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion: 65 Resp: 3789098

Ion	Ratio	Lower	Upper
65	100		
92	74.0	58.9	88.3
138	115.0	89.5	134.3

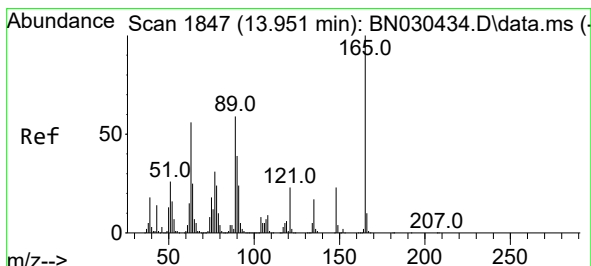
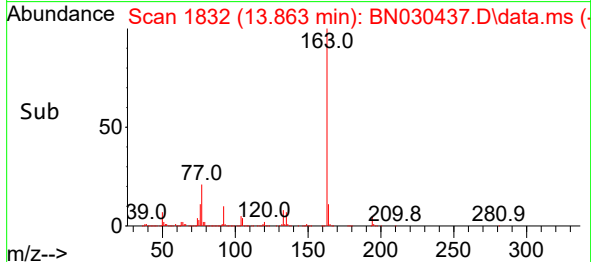
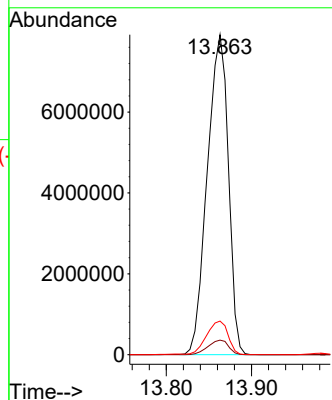
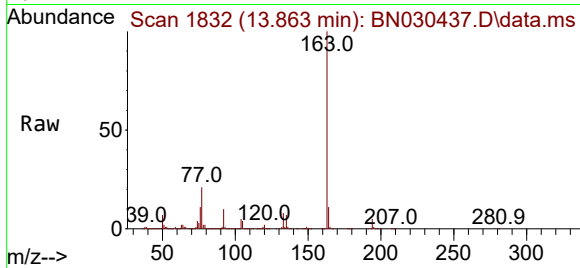




#47
Dimethylphthalate
Concen: 136.314 ng/ul
RT: 13.863 min Scan# 1832
Delta R.T. 0.023 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

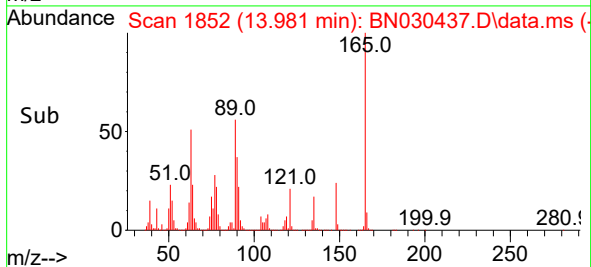
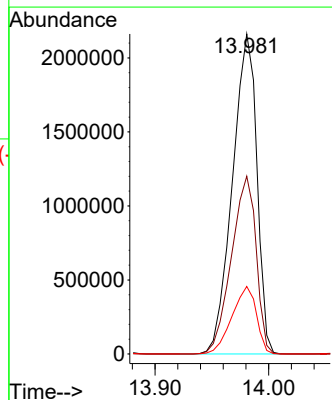
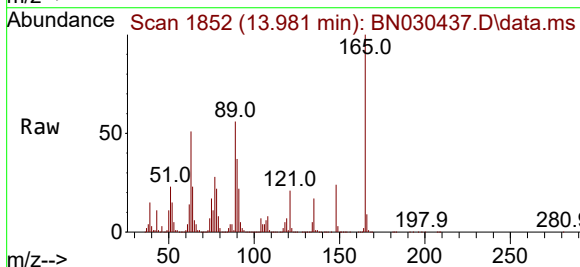
Instrument :
BNA_N
ClientSampleId :
SSTD160202

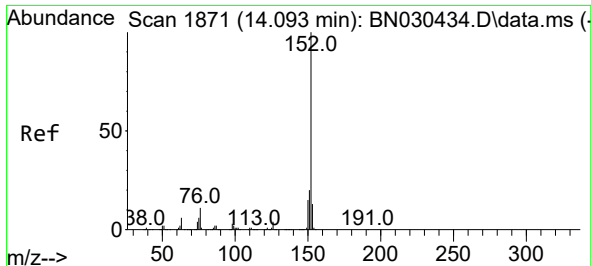
Tgt Ion:163 Resp:13622138
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.5 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 167.102 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. 0.029 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:165 Resp: 3224891
Ion Ratio Lower Upper
165 100
89 55.5 47.5 71.3
121 21.1 18.6 28.0

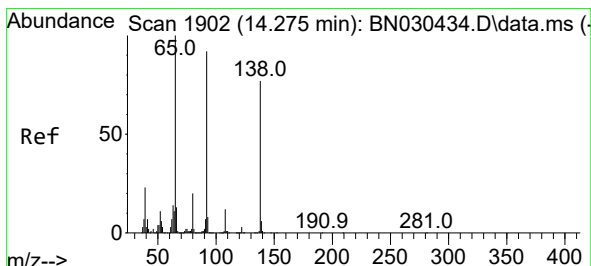
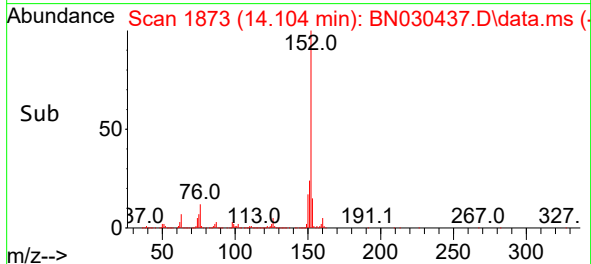
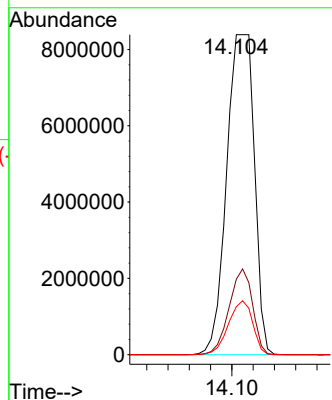
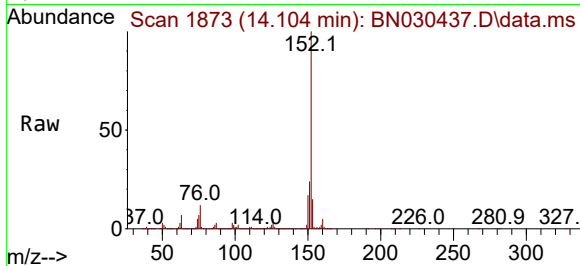




#50
Acenaphthylene
Concen: 117.027 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.012 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

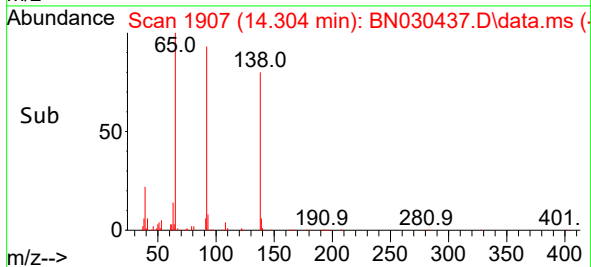
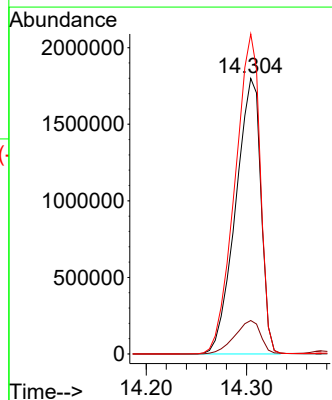
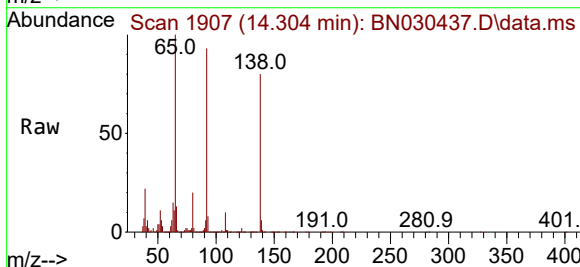
Instrument :
BNA_N
ClientSampleId :
SSTD160202

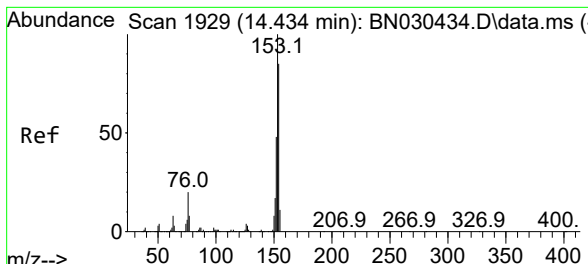
Tgt Ion:152 Resp:15167121
Ion Ratio Lower Upper
152 100
151 23.6 16.2 24.4
153 15.0 10.5 15.7



#51
3-Nitroaniline
Concen: 166.619 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. 0.029 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:138 Resp: 3150911
Ion Ratio Lower Upper
138 100
108 12.1 12.4 18.6#
92 116.1 95.5 143.3



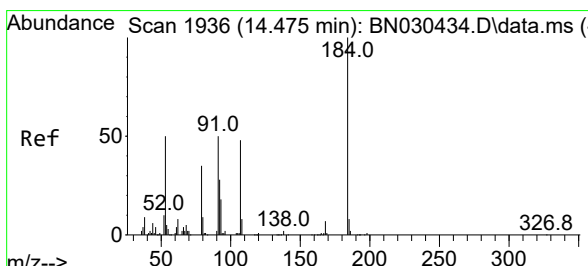
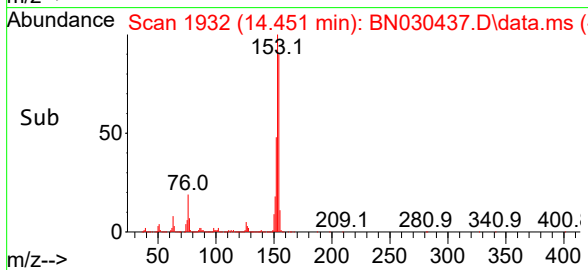
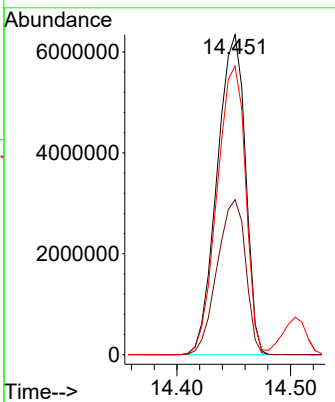
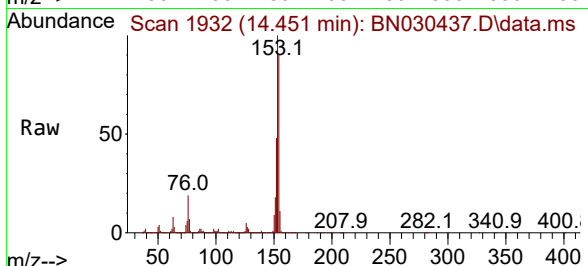


#52
 Acenaphthene
 Concen: 127.904 ng/ul
 RT: 14.451 min Scan# 1941
 Delta R.T. 0.018 min
 Lab File: BN030437.D
 Acq: 20 Mar 2024 19:47

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160202

Tgt Ion:153 Resp:10982588

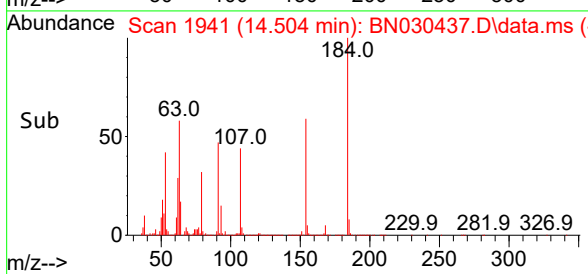
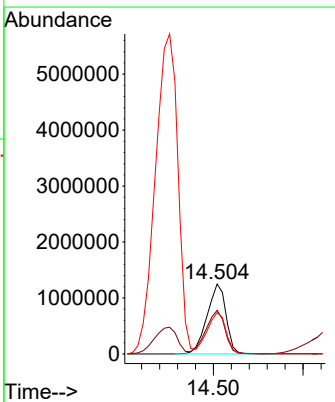
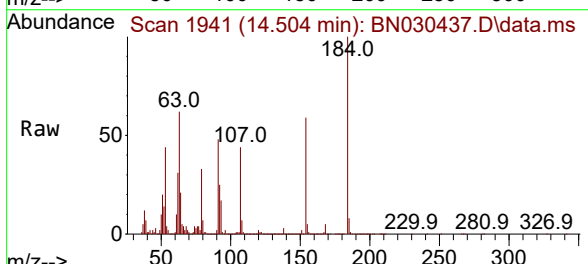
Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.1	57.1
154	90.1	68.0	102.0

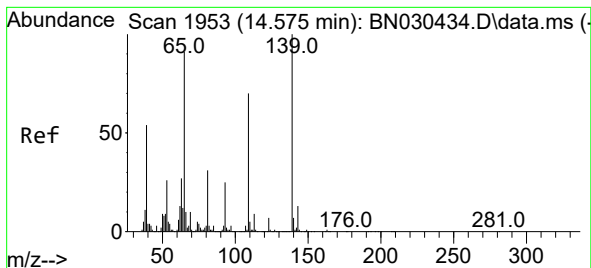


#53
 2,4-Dinitrophenol
 Concen: 169.473 ng/ul
 RT: 14.504 min Scan# 1941
 Delta R.T. 0.029 min
 Lab File: BN030437.D
 Acq: 20 Mar 2024 19:47

Tgt Ion:184 Resp: 1837778

Ion	Ratio	Lower	Upper
184	100		
63	62.4	56.1	84.1
154	59.3	49.8	74.6

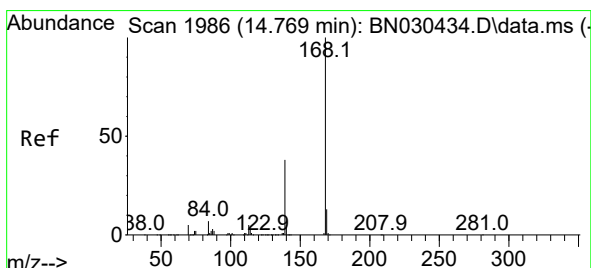
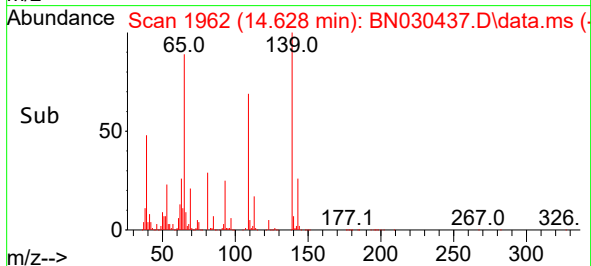
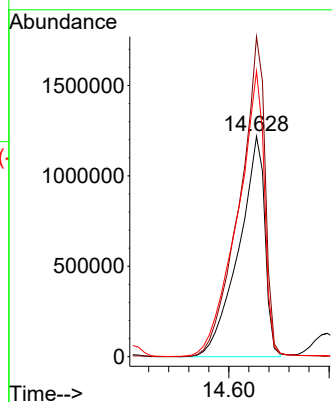
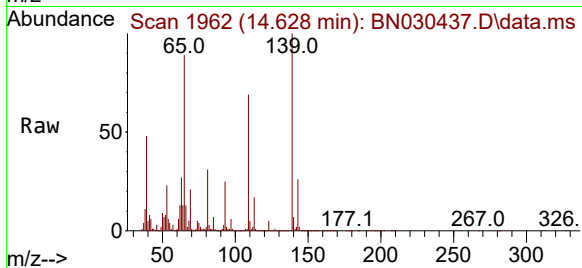




#55
4-Nitrophenol
Concen: 111.254 ng/ul
RT: 14.628 min Scan# 1962
Delta R.T. 0.053 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

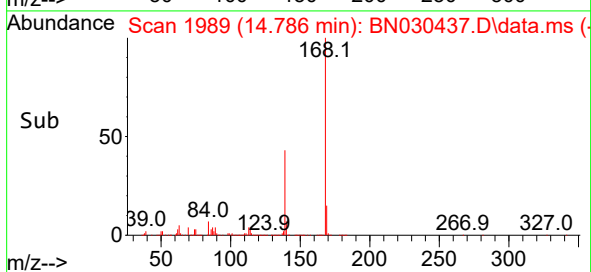
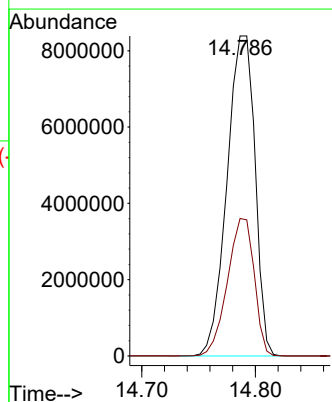
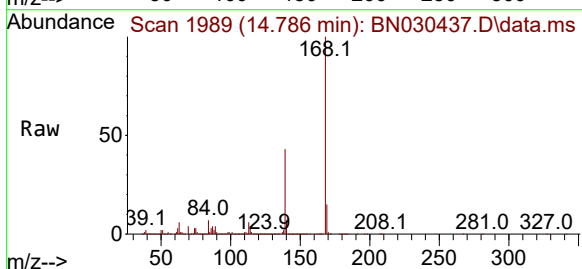
Instrument :
BNA_N
ClientSampleId :
SSTD160202

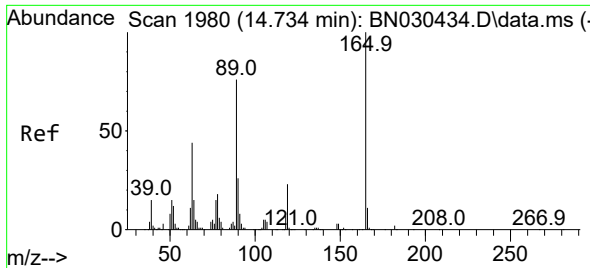
Tgt Ion:109 Resp: 2199004
Ion Ratio Lower Upper
109 100
139 145.2 113.9 170.9
65 129.6 103.7 155.5



#56
Dibenzofuran
Concen: 125.471 ng/ul
RT: 14.786 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:168 Resp:14370427
Ion Ratio Lower Upper
168 100
139 43.0 30.6 46.0

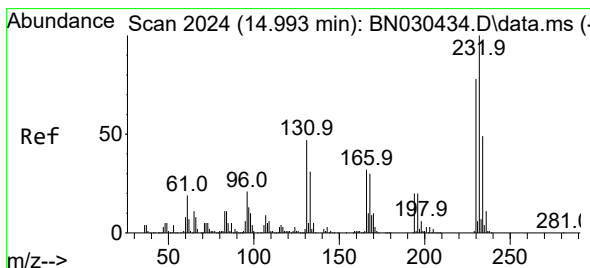
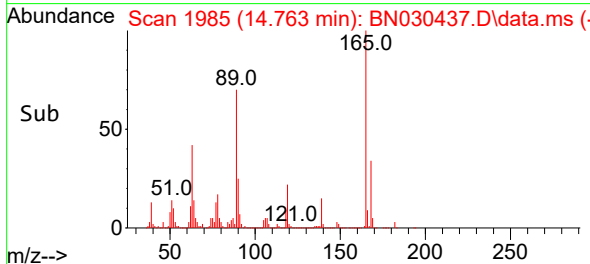
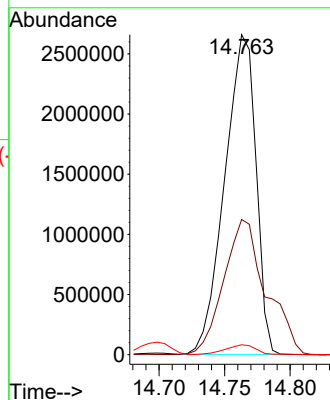
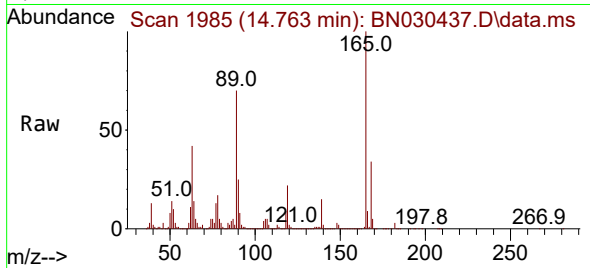




#57
2,4-Dinitrotoluene
Concen: 159.932 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. 0.029 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

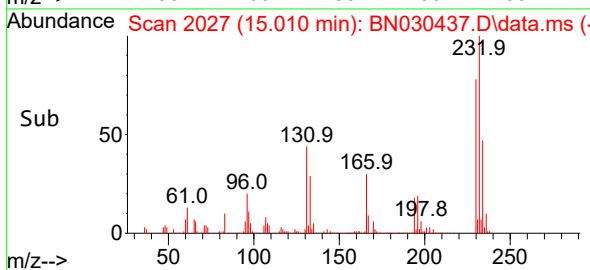
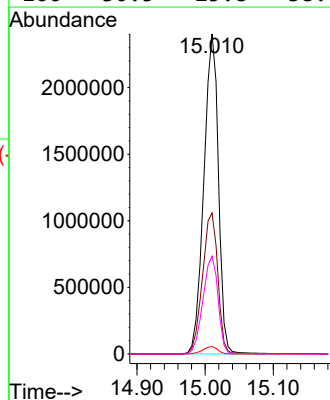
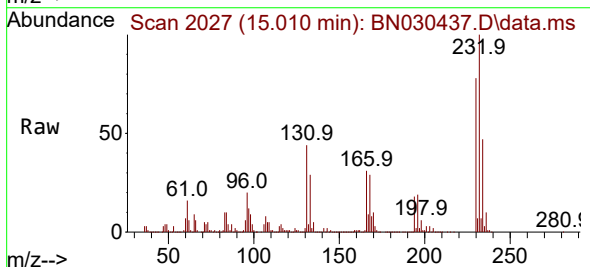
Instrument :
BNA_N
ClientSampleId :
SSTD160202

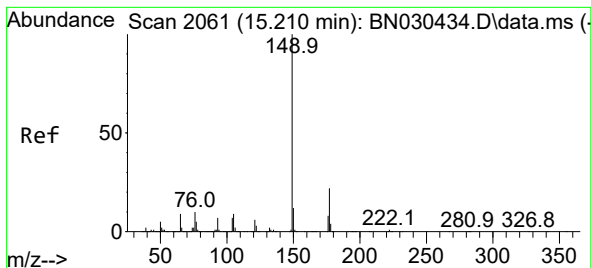
Tgt Ion:165 Resp: 4405019
Ion Ratio Lower Upper
165 100
63 42.3 35.4 53.0
182 3.1 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 166.237 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. 0.017 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:232 Resp: 3572134
Ion Ratio Lower Upper
232 100
131 44.1 37.6 56.4
130 2.3 1.8 2.8
166 30.5 25.8 38.6





#59

Diethylphthalate

Concen: 130.781 ng/ul

RT: 15.234 min Scan# 2101

Delta R.T. 0.023 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

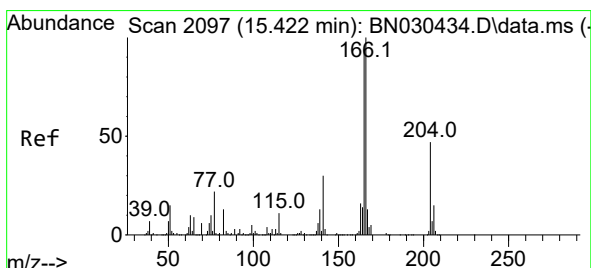
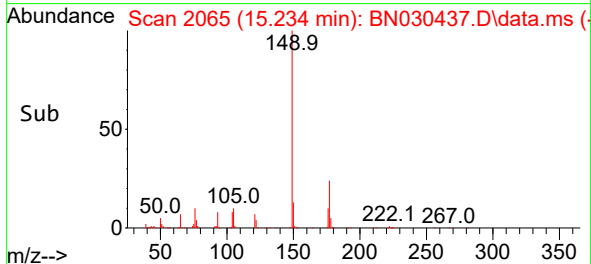
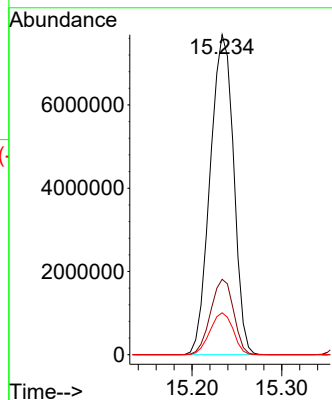
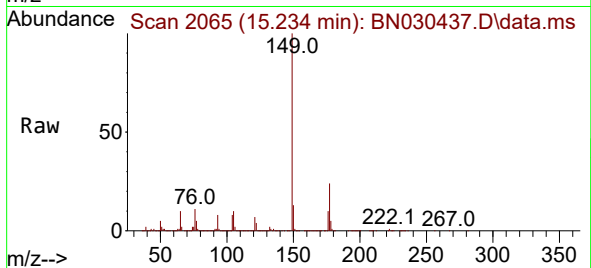
Tgt Ion:149 Resp:13968906

Ion Ratio Lower Upper

149 100

177 23.5 17.5 26.3

150 13.1 9.8 14.8



#61

Fluorene

Concen: 98.707 ng/ul

RT: 15.445 min Scan# 2101

Delta R.T. 0.023 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

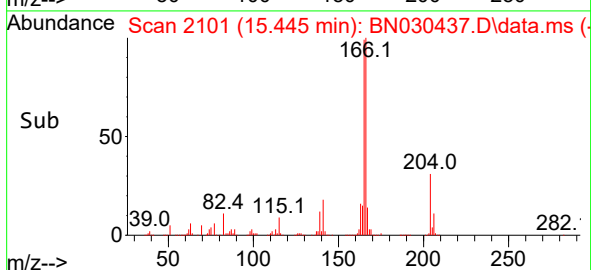
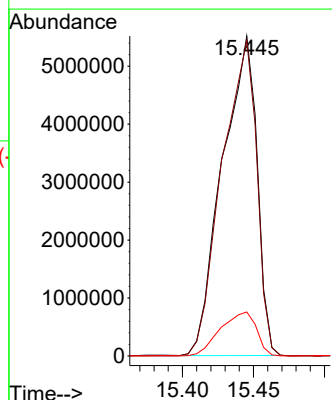
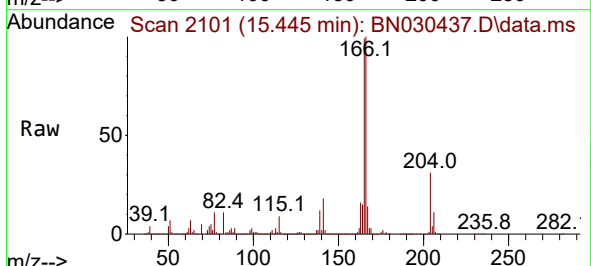
Tgt Ion:166 Resp: 9332828

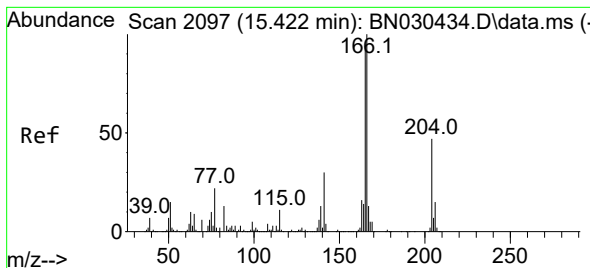
Ion Ratio Lower Upper

166 100

165 98.6 75.4 113.0

167 13.7 10.7 16.1

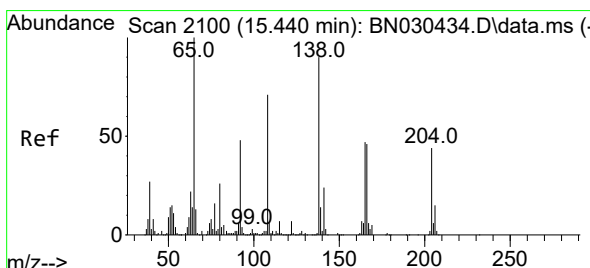
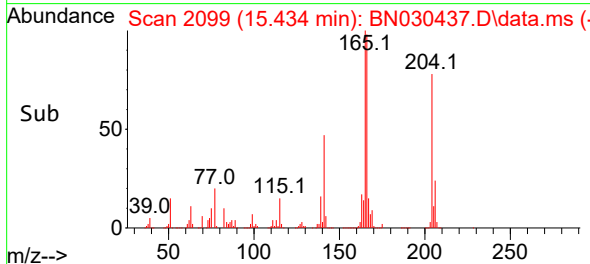
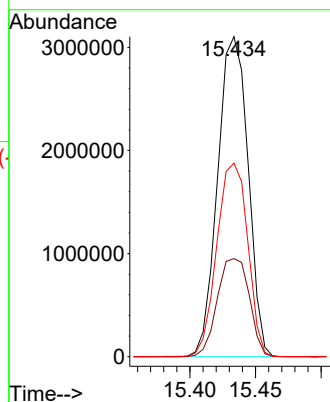
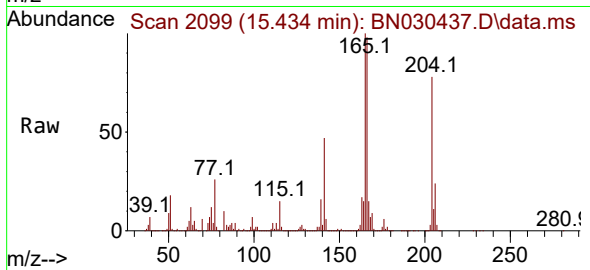




#62
4-Chlorophenyl-phenylether
Concen: 110.644 ng/ul
RT: 15.434 min Scan# 2097
Delta R.T. 0.012 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

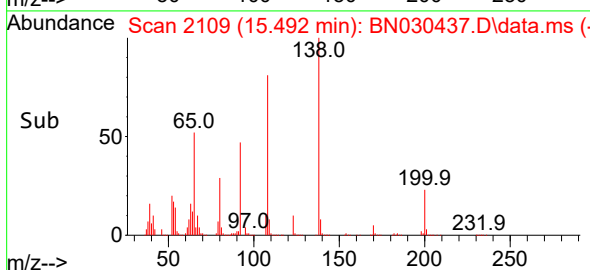
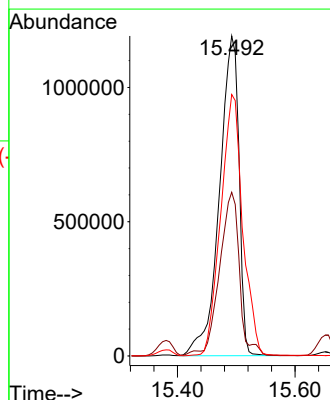
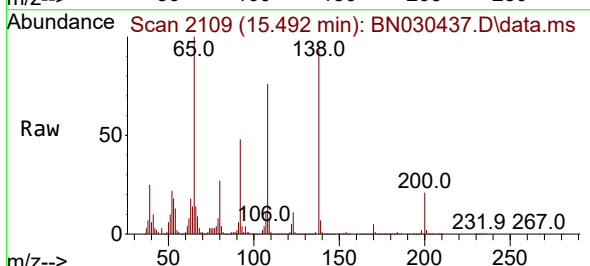
Instrument :
BNA_N
ClientSampleId :
SSTD160202

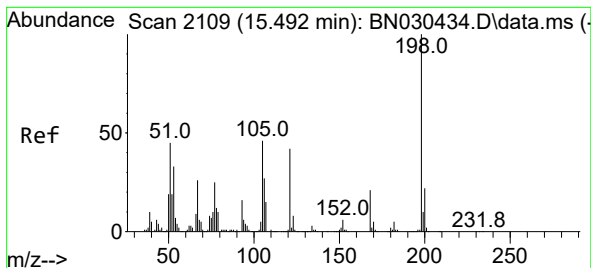
Tgt Ion:204 Resp: 5008258
Ion Ratio Lower Upper
204 100
206 30.6 26.5 39.7
141 60.5 50.9 76.3



#63
4-Nitroaniline
Concen: 156.971 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.053 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:138 Resp: 2748335
Ion Ratio Lower Upper
138 100
92 51.1 42.6 64.0
108 81.7 63.4 95.0

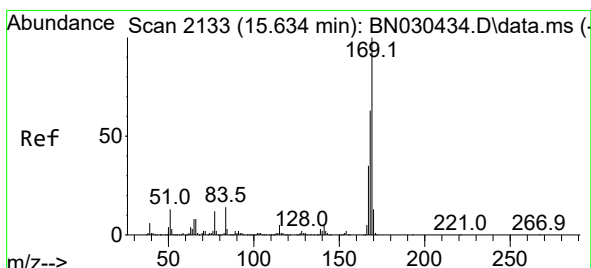
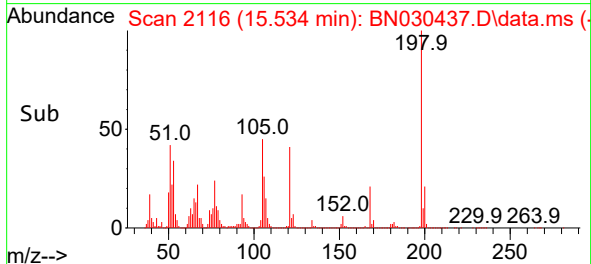
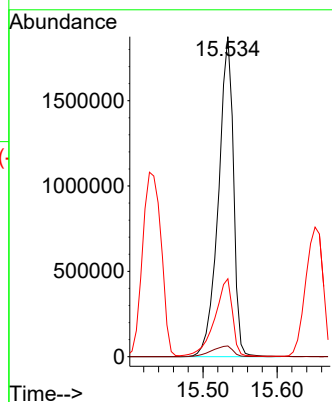
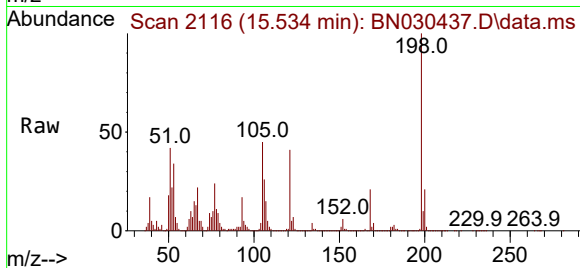




#66
4,6-Dinitro-2-methylphenol
Concen: 155.297 ng/ul
RT: 15.534 min Scan# 2116
Delta R.T. 0.041 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

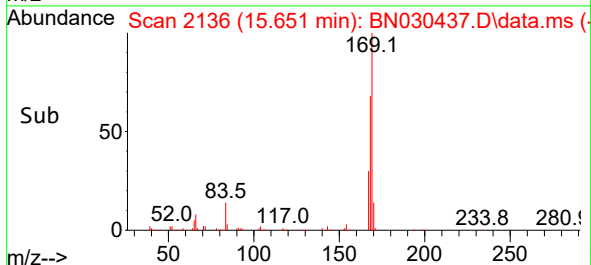
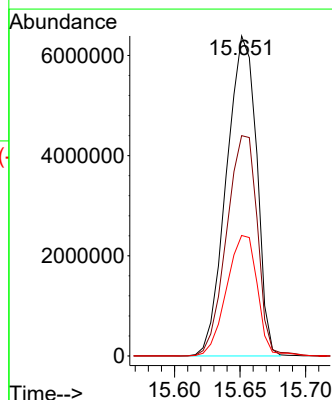
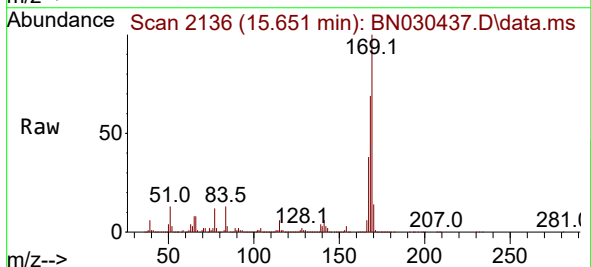
Instrument :
BNA_N
ClientSampleId :
SSTD160202

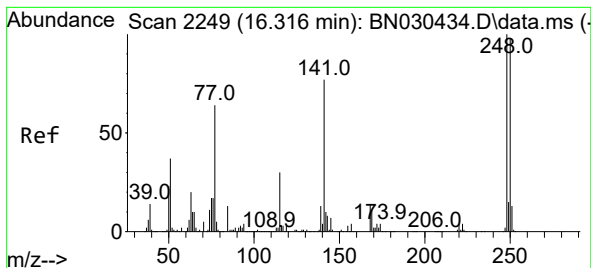
Tgt Ion:198 Resp: 2645770
Ion Ratio Lower Upper
198 100
182 3.3 3.6 5.4#
77 24.3 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 128.354 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. 0.017 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:169 Resp:10236980
Ion Ratio Lower Upper
169 100
168 68.9 50.2 75.2
167 37.7 28.3 42.5

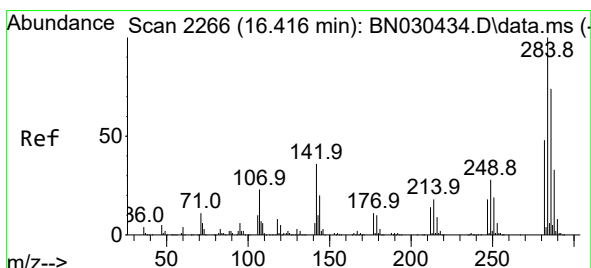
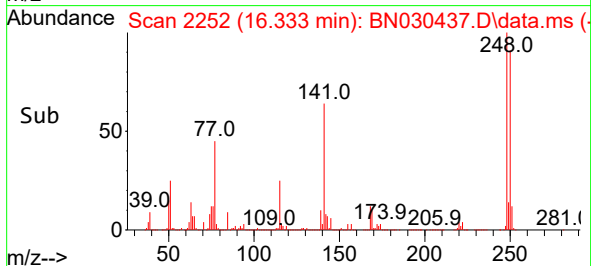
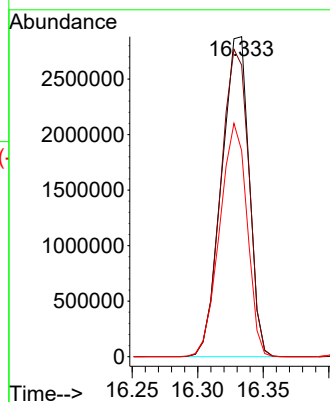
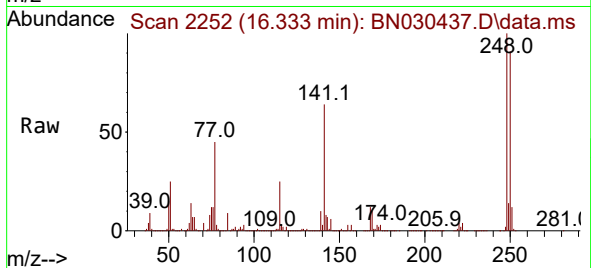




#68
4-Bromophenyl-phenylether
Concen: 155.432 ng/ul
RT: 16.333 min Scan# 21
Delta R.T. 0.017 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

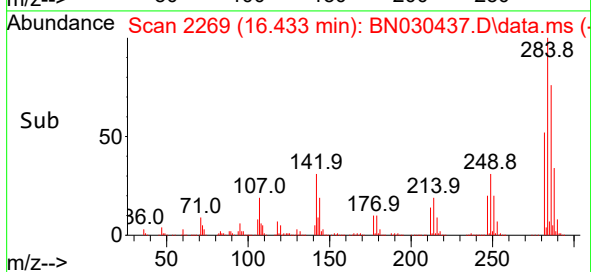
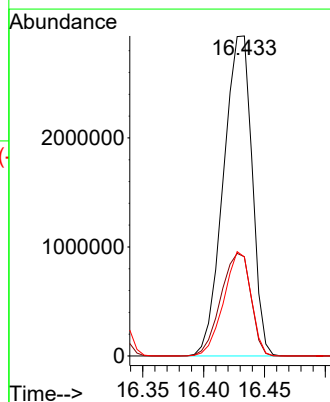
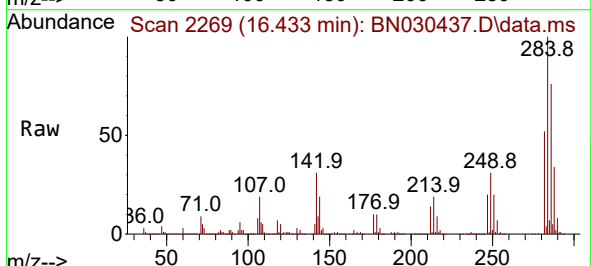
Instrument :
BNA_N
ClientSampleId :
SSTD160202

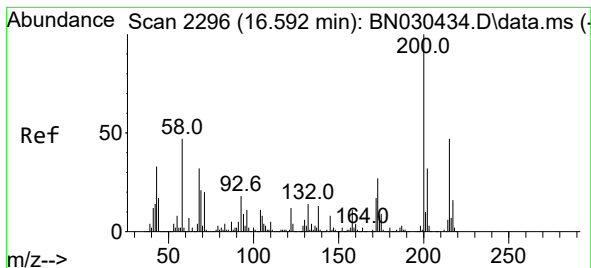
Tgt Ion:248 Resp: 4209635
Ion Ratio Lower Upper
248 100
250 91.1 78.6 117.8
141 64.4 61.5 92.3



#69
Hexachlorobenzene
Concen: 162.104 ng/ul
RT: 16.433 min Scan# 2269
Delta R.T. 0.018 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:284 Resp: 4808021
Ion Ratio Lower Upper
284 100
142 31.0 28.5 42.7
249 31.0 22.1 33.1





#70

Atrazine

Concen: 123.557 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. 0.029 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

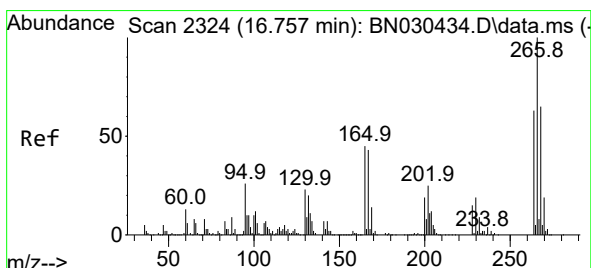
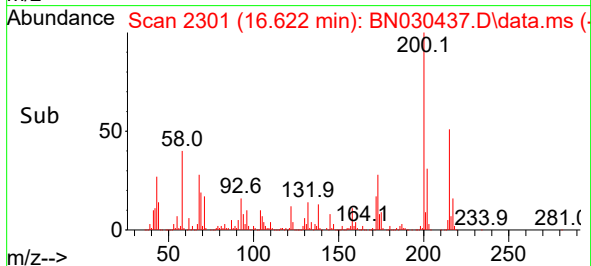
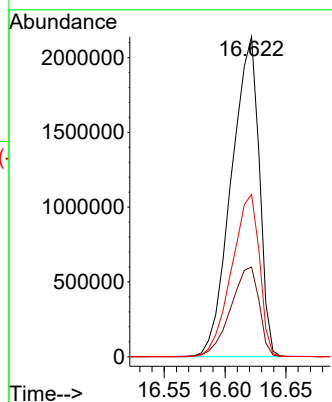
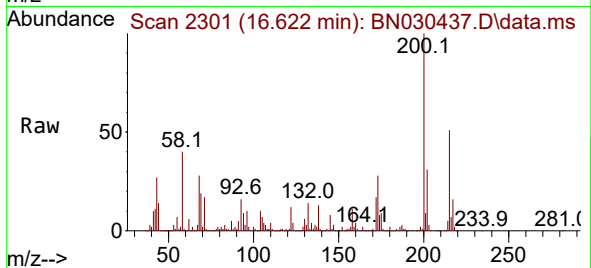
Tgt Ion:200 Resp: 3391502

Ion Ratio Lower Upper

200 100

173 28.0 21.9 32.9

215 50.8 37.7 56.5



#71

Pentachlorophenol

Concen: 160.255 ng/ul

RT: 16.775 min Scan# 2327

Delta R.T. 0.017 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

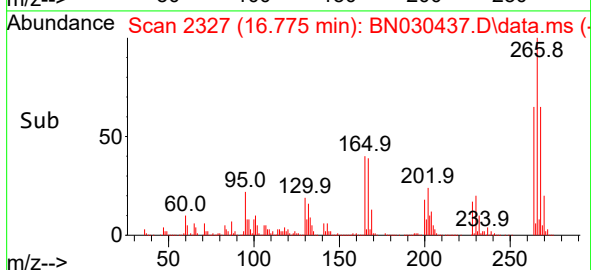
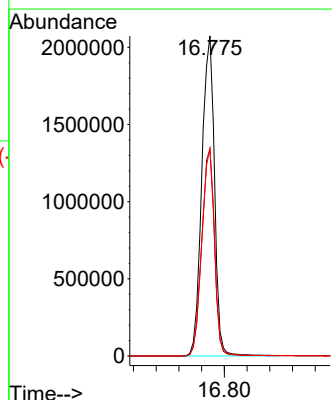
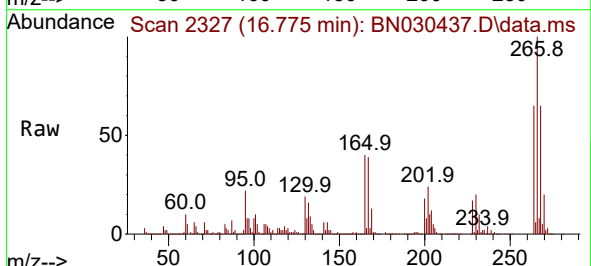
Tgt Ion:266 Resp: 3216427

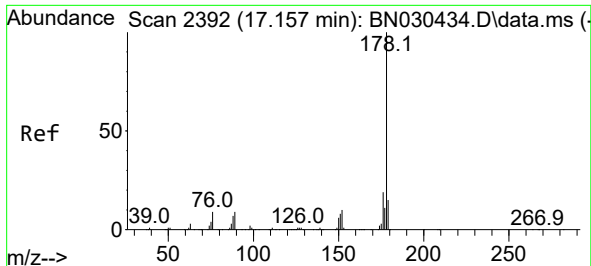
Ion Ratio Lower Upper

266 100

264 64.7 50.7 76.1

268 64.7 52.2 78.2

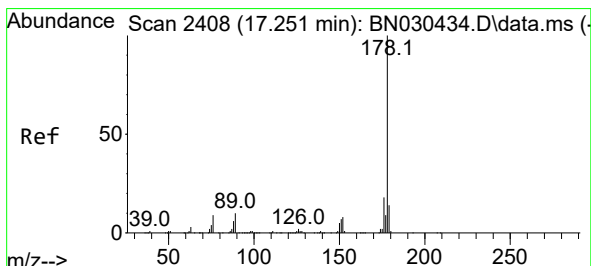
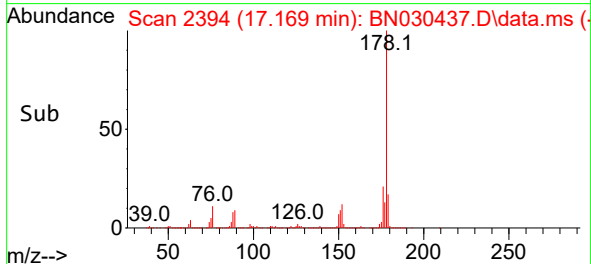
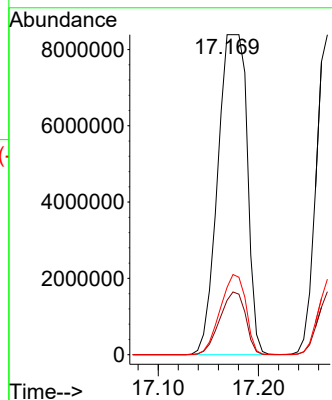
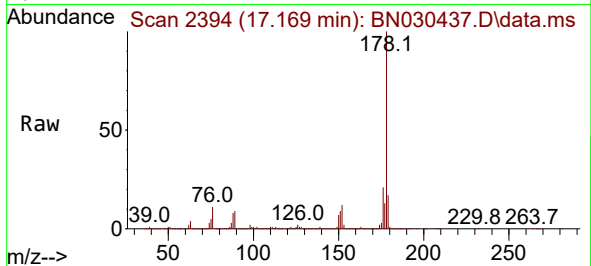




#72
Phenanthrene
Concen: 115.376 ng/ul
RT: 17.169 min Scan# 2394
Delta R.T. 0.012 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

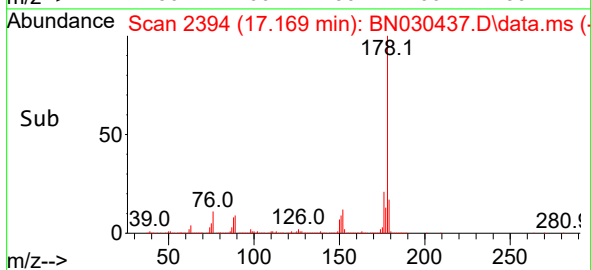
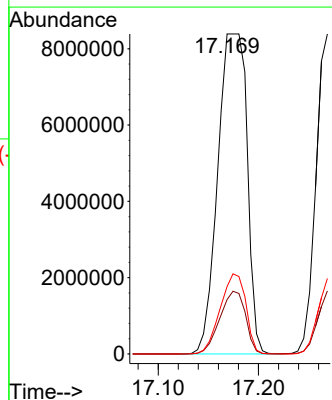
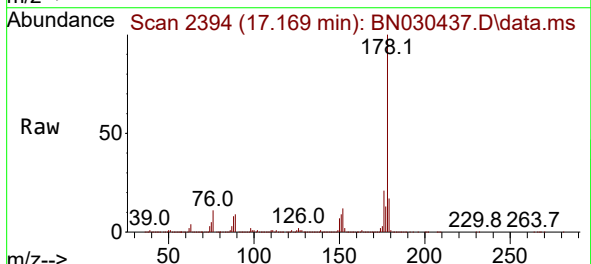
Instrument :
BNA_N
ClientSampleId :
SSTD160202

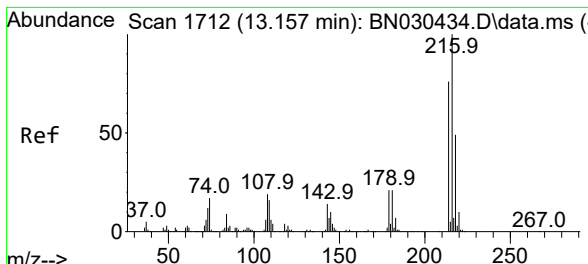
Tgt Ion:178 Resp:17009584
Ion Ratio Lower Upper
178 100
179 17.0 12.2 18.2
176 21.1 14.8 22.2



#74
Anthracene
Concen: 113.422 ng/ul
RT: 17.169 min Scan# 2394
Delta R.T. -0.082 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:178 Resp:17009584
Ion Ratio Lower Upper
178 100
179 17.0 11.6 17.4
176 21.1 14.1 21.1

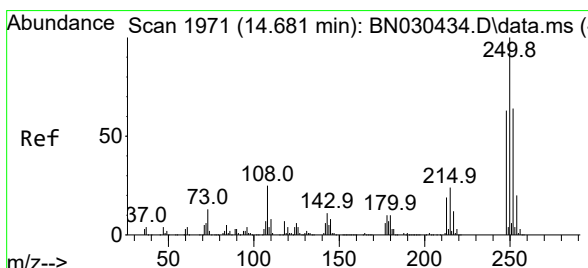
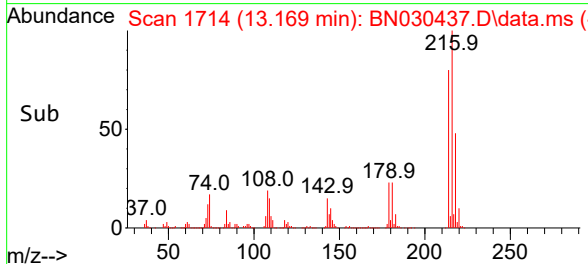
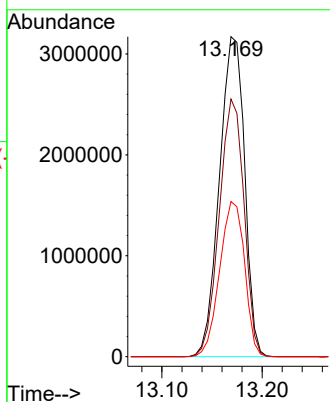
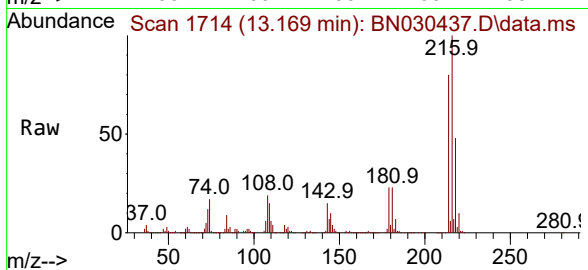




#75
1,2,3,4-Tetrachlorobenzene
Concen: 146.870 ng/uL
RT: 13.169 min Scan# 1714
Delta R.T. 0.012 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

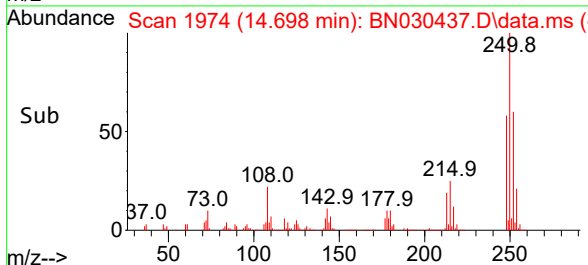
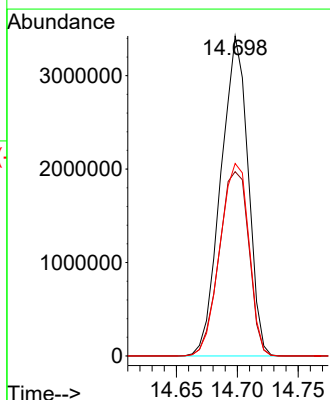
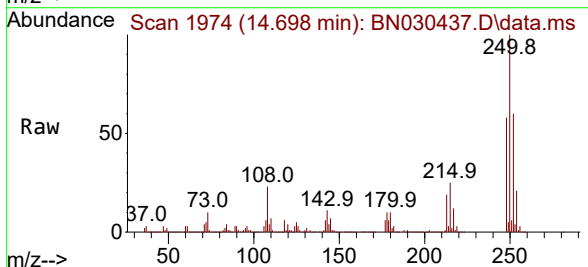
Instrument :
BNA_N
ClientSampleId :
SSTD160202

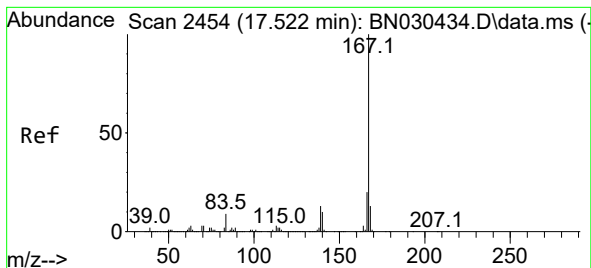
Tgt Ion:216 Resp: 5542414
Ion Ratio Lower Upper
216 100
214 80.5 61.1 91.7
218 48.5 39.0 58.4



#76
Pentachlorobenzene
Concen: 151.571 ng/uL
RT: 14.698 min Scan# 1974
Delta R.T. 0.018 min
Lab File: BN030437.D
Acq: 20 Mar 2024 19:47

Tgt Ion:250 Resp: 5334057
Ion Ratio Lower Upper
250 100
248 57.6 50.1 75.1
252 60.1 51.3 76.9





#77

Carbazole

Concen: 124.026 ng/ul

RT: 17.533 min Scan# 2454

Delta R.T. 0.012 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

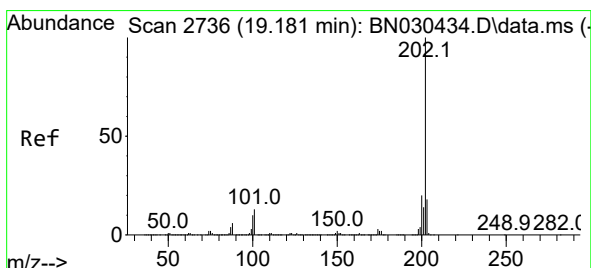
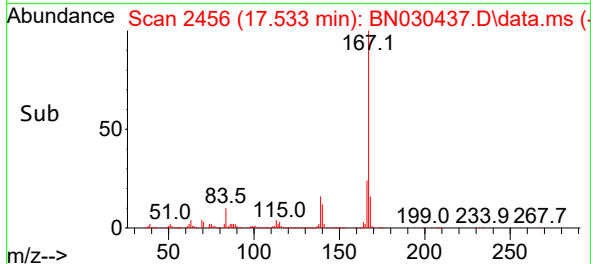
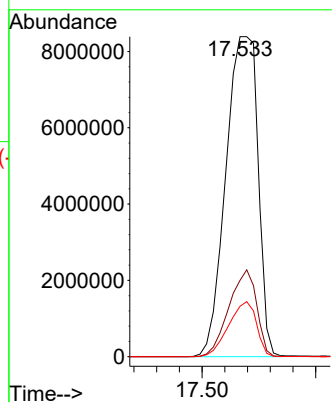
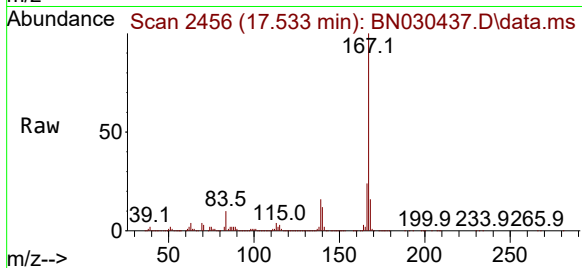
BNA_N

ClientSampleId :

SSTD160202

Tgt Ion:167 Resp:16517684

Ion	Ratio	Lower	Upper
167	100		
166	23.9	16.3	24.5
139	15.7	10.2	15.4



#80

Fluoranthene

Concen: 137.642 ng/ul

RT: 19.186 min Scan# 2737

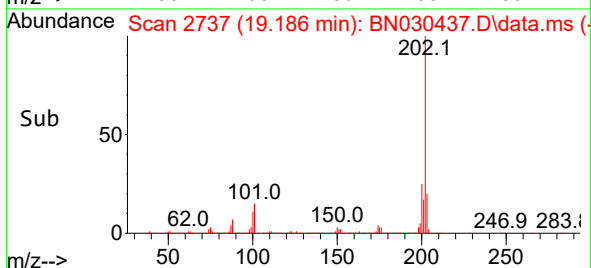
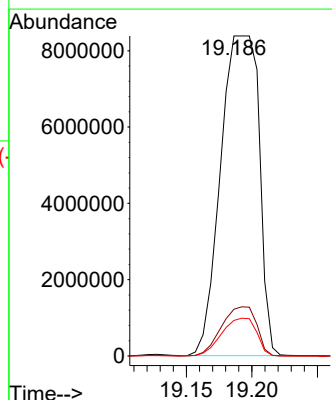
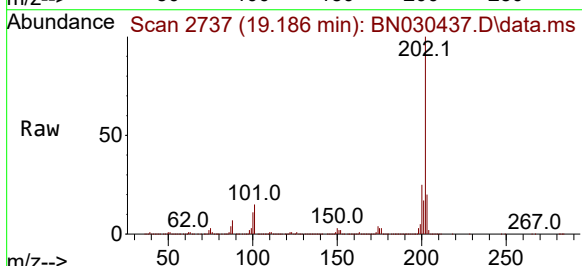
Delta R.T. 0.006 min

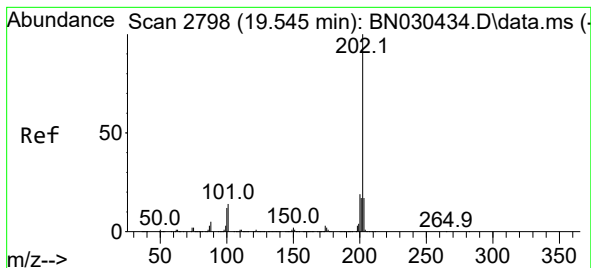
Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Tgt Ion:202 Resp:17130617

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.2	15.2
100	11.1	7.7	11.5





#82

Pyrene

Concen: 122.044 ng/ul

RT: 19.557 min Scan# 2798

Delta R.T. 0.012 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

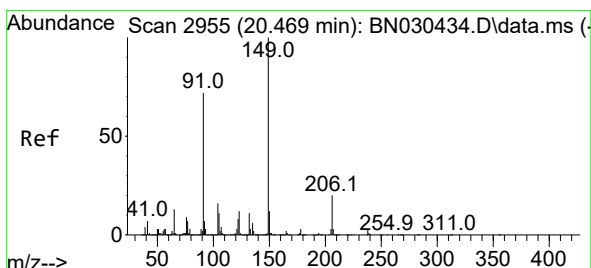
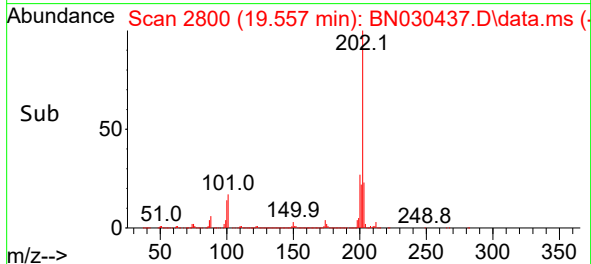
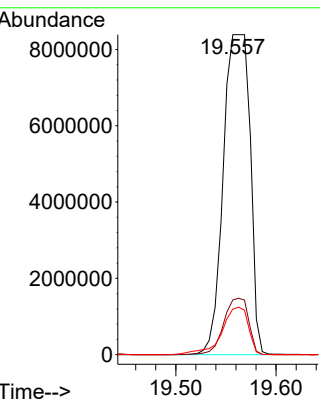
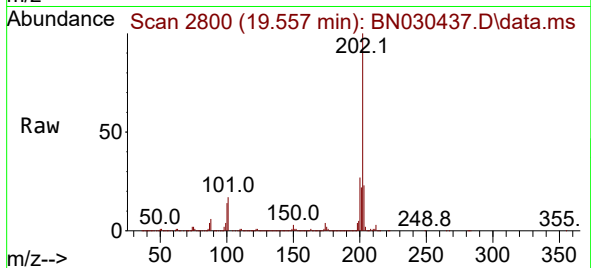
Tgt Ion:202 Resp:15611974

Ion Ratio Lower Upper

202 100

101 17.1 11.5 17.3

100 14.3 9.3 13.9#



#83

Butylbenzylphthalate

Concen: 144.009 ng/ul

RT: 20.474 min Scan# 2956

Delta R.T. 0.006 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

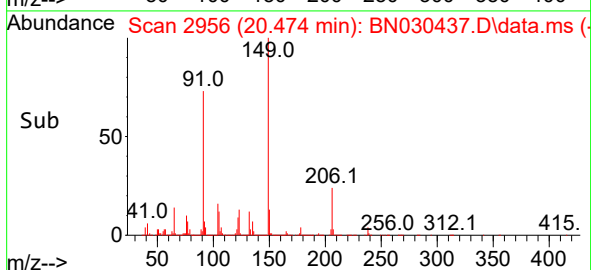
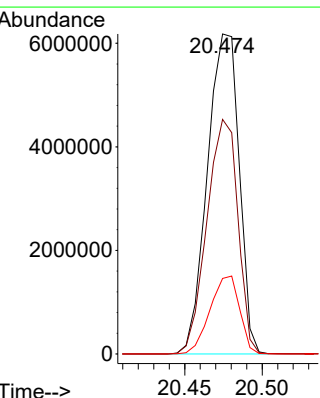
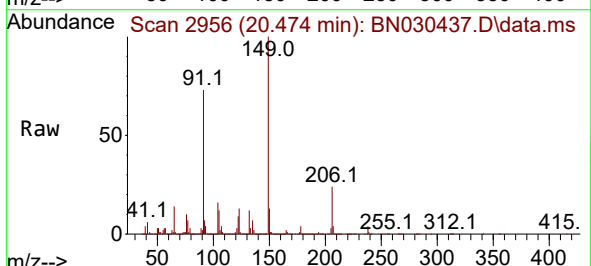
Tgt Ion:149 Resp: 8825143

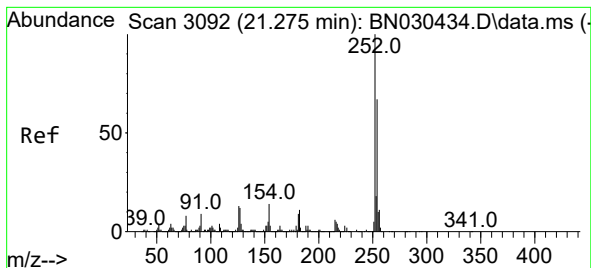
Ion Ratio Lower Upper

149 100

91 73.3 57.4 86.0

206 23.6 16.3 24.5





#84

3,3'-Dichlorobenzidine

Concen: 157.068 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.012 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

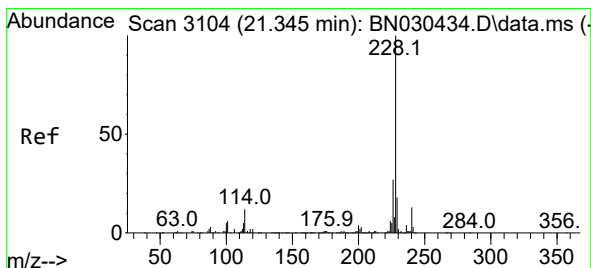
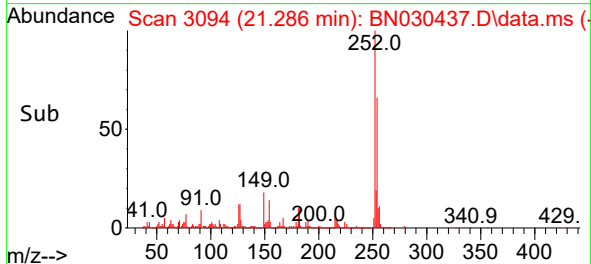
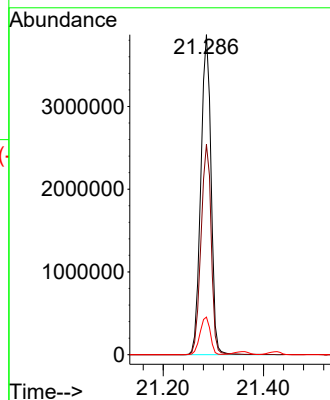
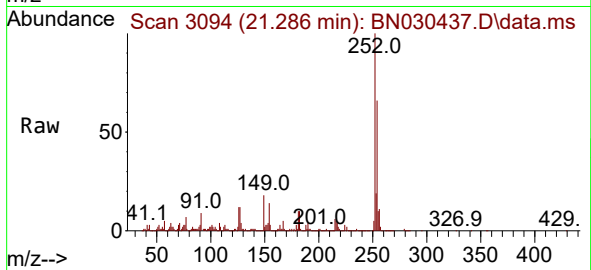
Tgt Ion:252 Resp: 5459269

Ion Ratio Lower Upper

252 100

254 65.7 53.9 80.9

126 11.7 10.1 15.1



#85

Benzo(a)anthracene

Concen: 145.740 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.012 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

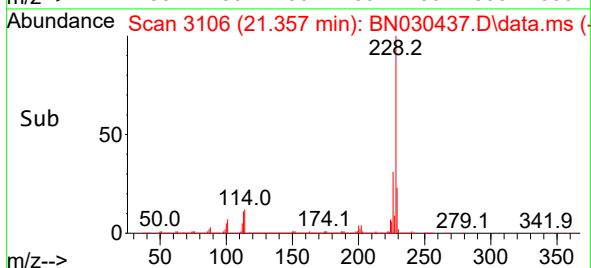
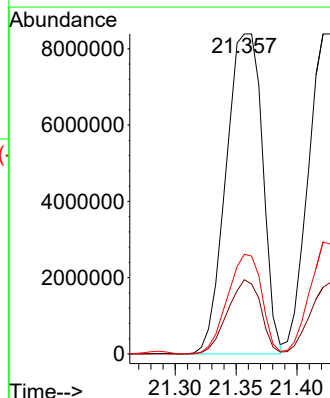
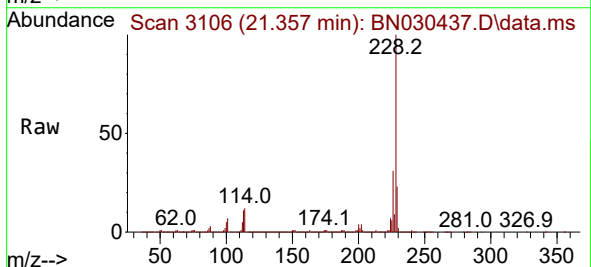
Tgt Ion:228 Resp:17491630

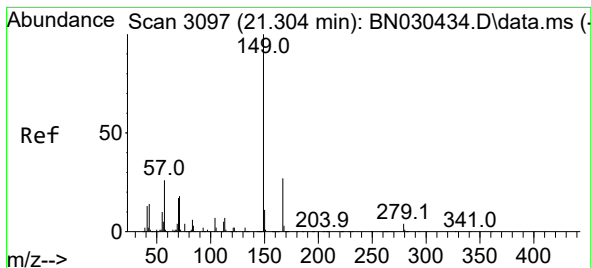
Ion Ratio Lower Upper

228 100

229 23.2 14.7 22.1#

226 31.2 21.8 32.6

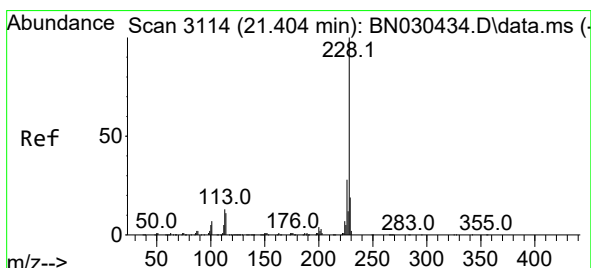
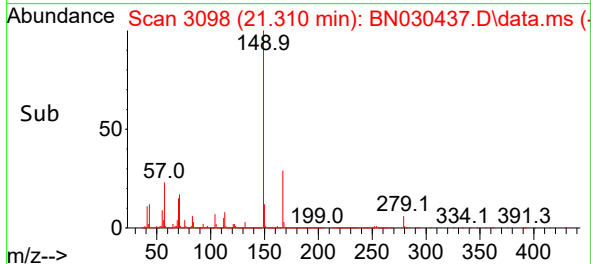
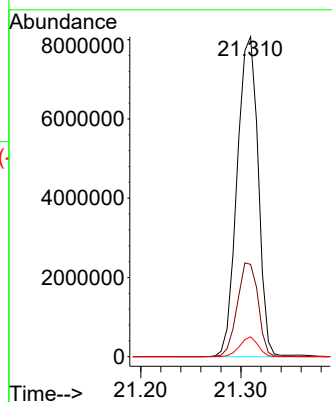
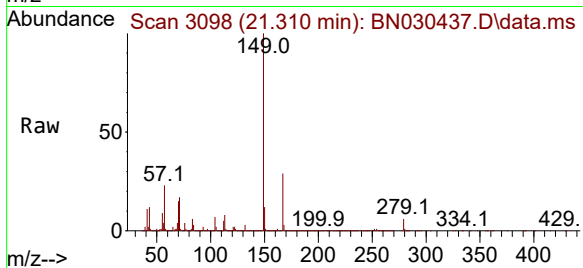




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 126.826 ng/ul
 RT: 21.310 min Scan# 3098
 Delta R.T. 0.006 min
 Lab File: BN030437.D
 Acq: 20 Mar 2024 19:47

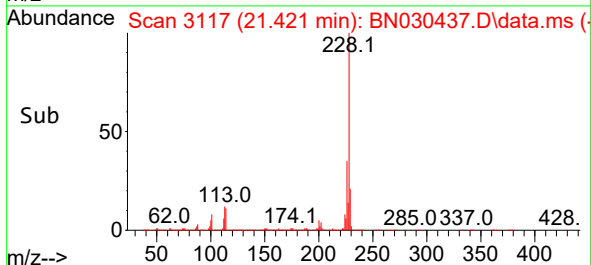
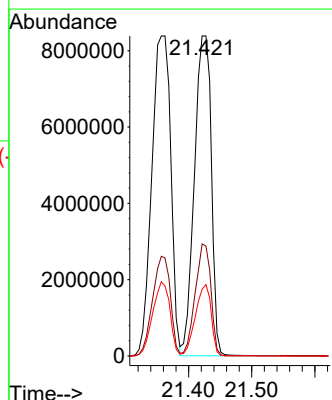
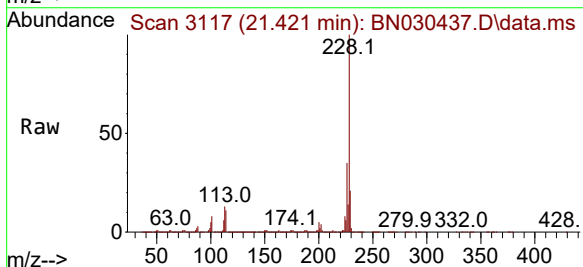
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160202

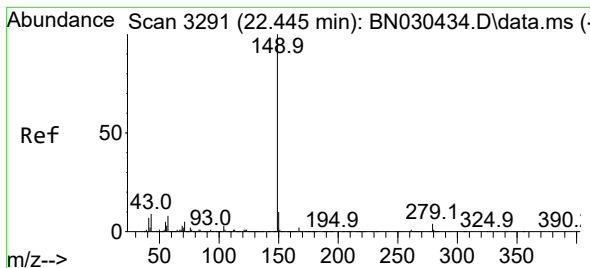
Tgt Ion:149 Resp:11764119
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.3 31.9
 279 6.2 3.4 5.2#



#87
 Chrysene
 Concen: 139.906 ng/ul
 RT: 21.421 min Scan# 3117
 Delta R.T. 0.017 min
 Lab File: BN030437.D
 Acq: 20 Mar 2024 19:47

Tgt Ion:228 Resp:15573216
 Ion Ratio Lower Upper
 228 100
 226 35.0 22.3 33.5#
 229 20.9 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 121.742 ng/ul

RT: 22.445 min Scan# 3291

Delta R.T. -0.000 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

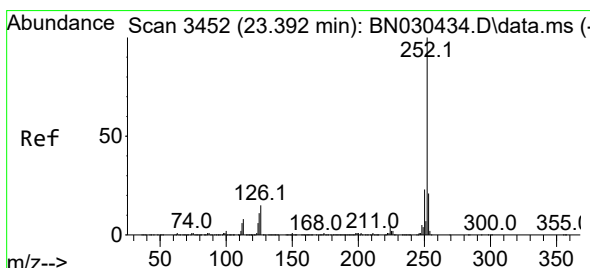
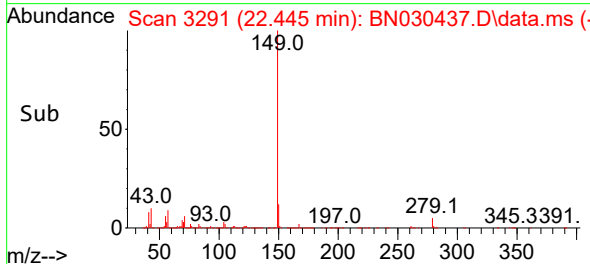
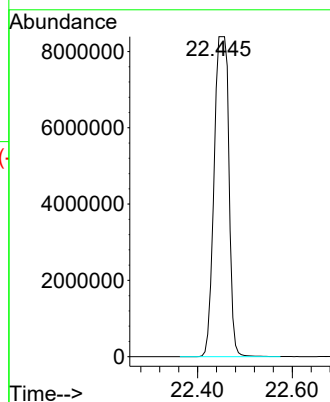
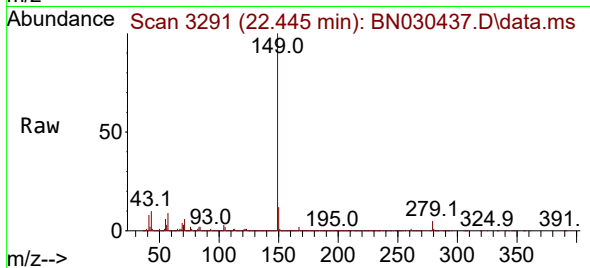
Instrument :

BNA_N

ClientSampleId :

SSTD160202

Tgt Ion:149 Resp:18137509



#90

Benzo(b)fluoranthene

Concen: 165.530 ng/ul

RT: 23.427 min Scan# 3458

Delta R.T. 0.035 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

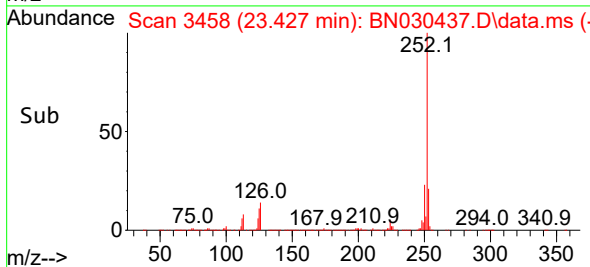
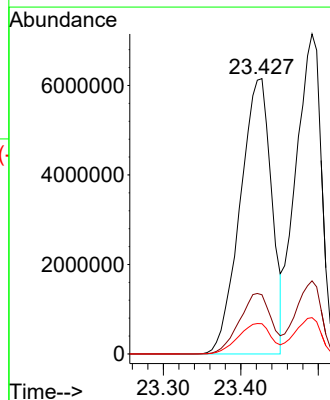
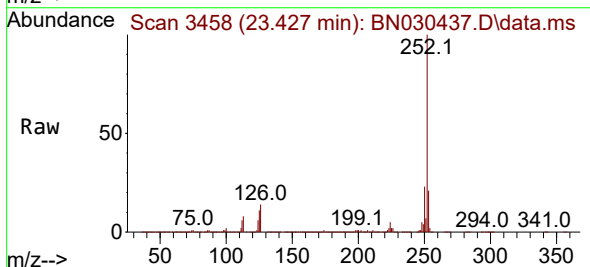
Tgt Ion:252 Resp:17370285

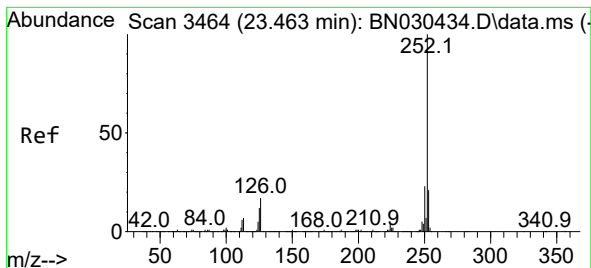
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 11.0 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 151.776 ng/u1

RT: 23.492 min Scan# 3469

Delta R.T. 0.029 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

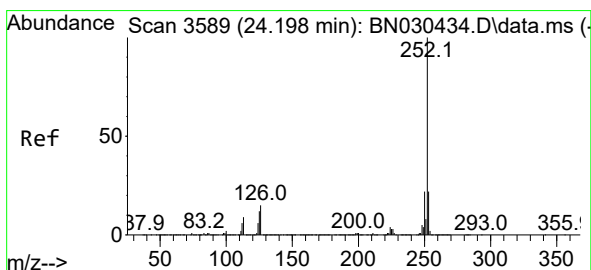
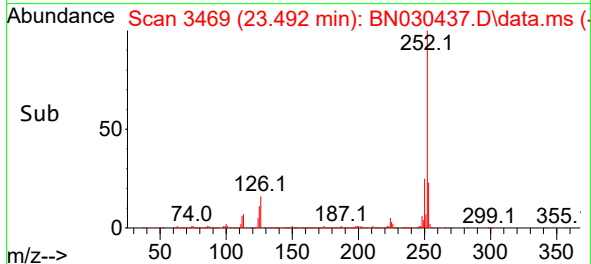
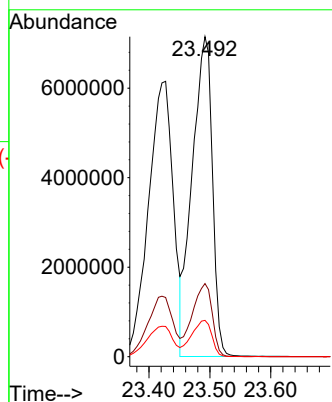
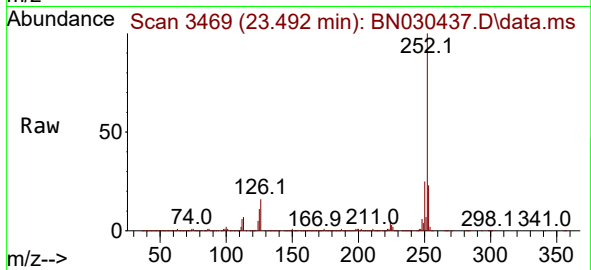
Tgt Ion:252 Resp:16449876

Ion Ratio Lower Upper

252 100

253 22.8 16.9 25.3

125 11.3 9.5 14.3



#93

Benzo(a)pyrene

Concen: 162.798 ng/u1

RT: 24.239 min Scan# 3596

Delta R.T. 0.041 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

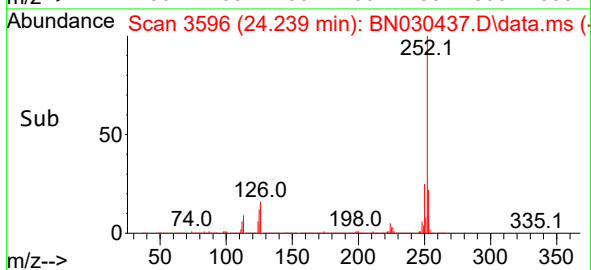
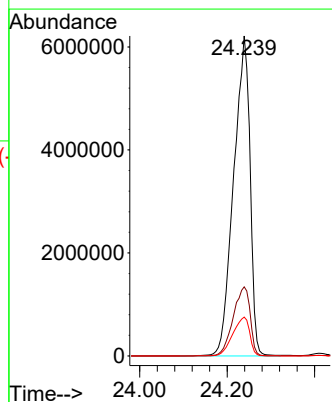
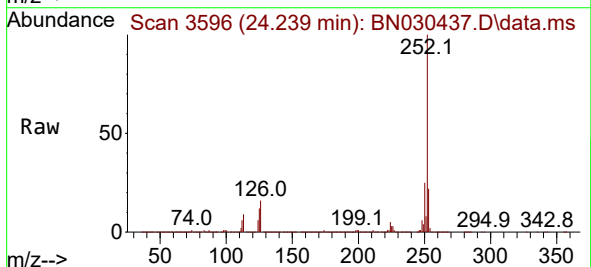
Tgt Ion:252 Resp:16168603

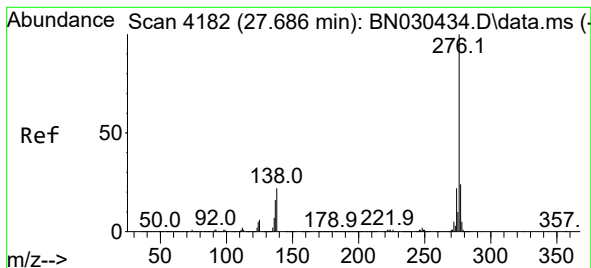
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 12.1 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 153.845 ng/ul

RT: 27.745 min Scan# 41

Delta R.T. 0.059 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

Instrument :

BNA_N

ClientSampleId :

SSTD160202

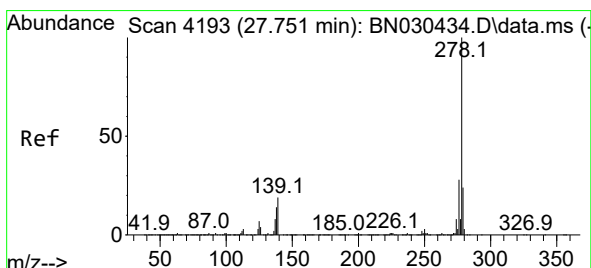
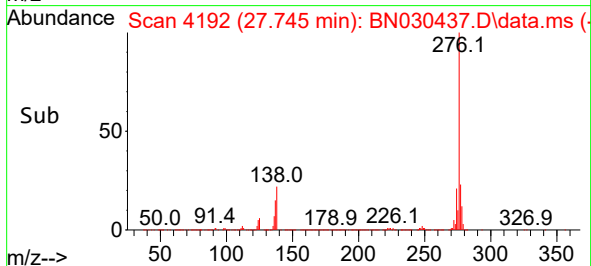
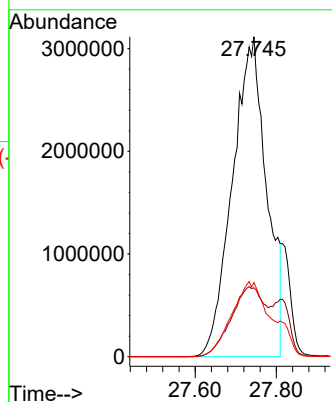
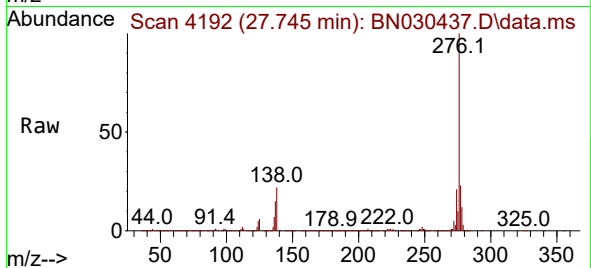
Tgt Ion:276 Resp:18171173

Ion Ratio Lower Upper

276 100

138 21.5 17.3 25.9

277 23.2 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 82.976 ng/ul

RT: 27.798 min Scan# 4201

Delta R.T. 0.047 min

Lab File: BN030437.D

Acq: 20 Mar 2024 19:47

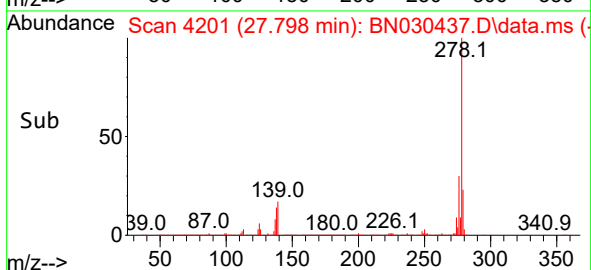
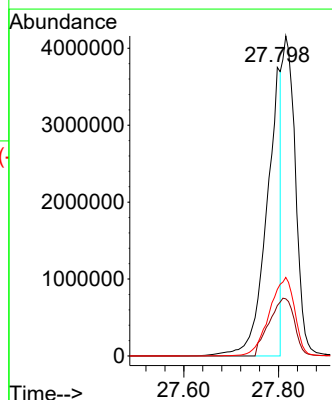
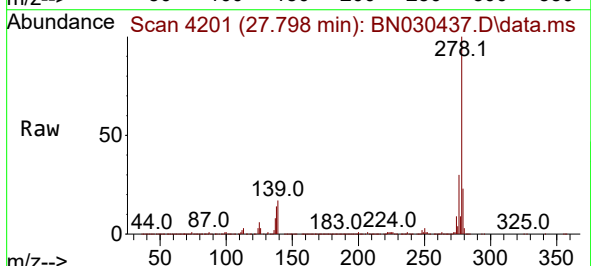
Tgt Ion:278 Resp: 7989511

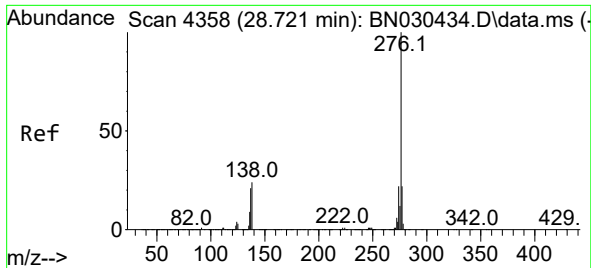
Ion Ratio Lower Upper

278 100

139 17.4 15.0 22.4

279 23.0 19.2 28.8





#96
 Benzo(g,h,i)perylene
 Concen: 166.102 ng/ul
 RT: 28.797 min Scan# 41
 Delta R.T. 0.076 min
 Lab File: BN030437.D
 Acq: 20 Mar 2024 19:47

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160202

Tgt Ion:276 Resp:15890105
 Ion Ratio Lower Upper
 276 100
 138 23.6 19.4 29.2
 277 22.6 17.7 26.5

