

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
 Data File : BN030599.D
 Acq On : 01 Apr 2024 21:37
 Operator : MA/JU
 Sample : SP
 Misc : SFAM SPIKE
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP

Quant Time: Apr 01 22:55:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	238474	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1046287	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	675856	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1408407	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1221602	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1312130	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	23472	4.615	ng/uL	0.00
4) Pyridine-d5	3.605	84	1207	0.079	ng/u1	0.00
7) Phenol-d5	6.864	99	132	0.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	165	0.014	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	1989	0.136	ng/u1	0.04
15) 4-Methylphenol-d8	8.511	113	143967	8.904	ng/u1	0.11
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	10.134	165	59180	4.071	ng/u1	0.04
31) 4-Chloroaniline-d4	10.634	131	2344	0.098	ng/u1	0.01
46) Dimethylphthalate-d6	13.810	166	2942	0.065	ng/u1	0.05
49) Acenaphthylene-d8	14.040	160	197	0.004	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	168758	19.552	ng/u1	0.12
60) Fluorene-d10	15.334	176	736	0.019	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	8801	1.416	ng/u1	0.02
73) Anthracene-d10	17.087	188	1408407	23.209	ng/u1	-0.10
81) Pyrene-d10	19.480	212	564	0.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/u1	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	159190	29.217	ng/uL	97
5) Pyridine	3.617	79	1261569	81.982	ng/u1	95
6) Benzaldehyde	6.846	77	1090596	121.395	ng/u1	98
8) Phenol	6.893	94	1735836	86.373	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.128	93	1286964	78.530	ng/u1	99
12) 2-Chlorophenol	7.263	128	1393483	88.763	ng/u1	98
13) 2-Methylphenol	8.140	108	1299443	83.910	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	1723853	74.702	ng/u1	99
16) Acetophenone	8.522	105	1919097	75.178	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.511	70	977580	76.035	ng/u1	98
18) 4-Methylphenol	8.475	108	1436777	82.876	ng/u1	98
19) Hexachloroethane	8.769	117	547931	83.248	ng/u1	97
22) Nitrobenzene	8.899	77	1464477	82.656	ng/u1	99
23) Isophorone	9.428	82	2863313	81.034	ng/u1	99
25) 2-Nitrophenol	9.599	139	734860	94.171	ng/u1	99
26) 2,4-Dimethylphenol	9.663	107	1488234	85.807	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.905	93	1756390	78.181	ng/u1	99
29) 2,4-Dichlorophenol	10.134	162	1307533	88.127	ng/u1	99
30) Naphthalene	10.534	128	4214214	78.533	ng/u1	100
32) 4-Chloroaniline	10.646	127	1535297	66.570	ng/u1	98
33) Hexachlorobutadiene	10.810	225	737416	78.961	ng/u1	97
34) Caprolactam	11.463	113	393726	71.033	ng/u1	96
35) 4-Chloro-3-methylphenol	11.781	107	1425866	85.325	ng/u1	99
36) 2-Methylnaphthalene	12.151	142	2886418	77.021	ng/u1	95

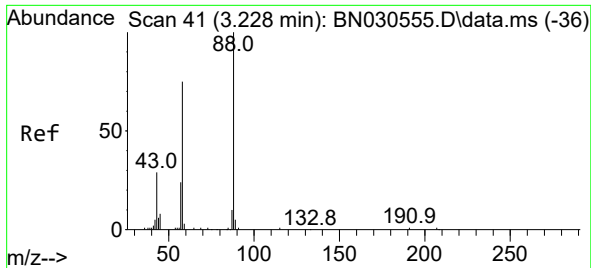
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	2900818	76.252	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	1471828	84.385	ng/ul	98
40) Hexachlorocyclopentadiene	12.499	237	820505	82.836	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	1041381	95.546	ng/ul	99
42) 2,4,5-Trichlorophenol	12.840	196	1141640	92.749	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	3657597	79.398	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	2912760	80.322	ng/ul	99
45) 2-Nitroaniline	13.428	65	918010	95.124	ng/ul	97
47) Dimethylphthalate	13.810	163	3666387	78.656	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	801163	92.703	ng/ul	96
50) Acenaphthylene	14.063	152	4748436	79.212	ng/ul	99
51) 3-Nitroaniline	14.257	138	867149	94.532	ng/ul	99
52) Acenaphthene	14.404	153	3050849	76.371	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	430294	108.401	ng/ul	96
55) 4-Nitrophenol	14.563	109	601192	87.915	ng/ul	97
56) Dibenzofuran	14.745	168	4255621	76.637	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	1165689	92.386	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.969	232	944393	92.382	ng/ul	98
59) Diethylphthalate	15.181	149	3712317	78.395	ng/ul	100
61) Fluorene	15.392	166	3123361	70.763	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	1506231	69.556	ng/ul	97
63) 4-Nitroaniline	15.434	138	1008731	113.113	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	619968	92.813	ng/ul#	95
67) N-Nitrosodiphenylamine	15.604	169	3053225	79.603	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	1057037	79.037	ng/ul	95
69) Hexachlorobenzene	16.387	284	1233808	78.346	ng/ul	98
70) Atrazine	16.569	200	1145407	86.157	ng/ul	97
71) Pentachlorophenol	16.734	266	849388	91.478	ng/ul	97
72) Phenanthrene	17.134	178	5426785	74.997	ng/ul	98
74) Anthracene	17.222	178	5465139	74.711	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.134	216	1492094	86.234	ng/ul	94
76) Pentachlorobenzene	14.657	250	1414908	80.507	ng/ul	90
77) Carbazole	17.498	167	5243561	81.739	ng/ul	98
78) Di-n-butylphthalate	18.069	149	6356948	81.230	ng/ul	99
80) Fluoranthene	19.151	202	6349254	81.323	ng/ul	99
82) Pyrene	19.516	202	6562549	79.589	ng/ul	99
83) Butylbenzylphthalate	20.428	149	2979199	94.611	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	2001057	89.148	ng/ul	98
85) Benzo(a)anthracene	21.310	228	6492366	79.634	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.245	149	3850345	82.915	ng/ul	99
87) Chrysene	21.375	228	6102503	79.303	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	7737856	93.122	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	6482517	83.948	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	6694618	85.366	ng/ul	97
93) Benzo(a)pyrene	24.139	252	5487759	75.230	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.592	276	6691037	84.854	ng/ul	99
95) Dibenzo(a,h)anthracene	27.662	278	5553654	83.661	ng/ul	99
96) Benzo(g,h,i)perylene	28.633	276	4973575	80.342	ng/ul	95

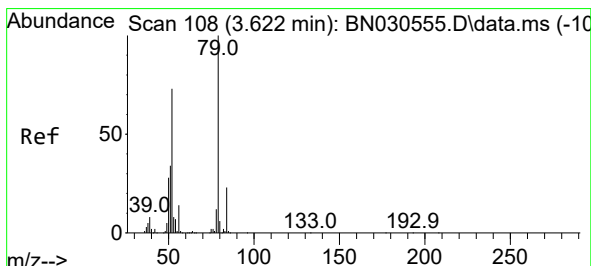
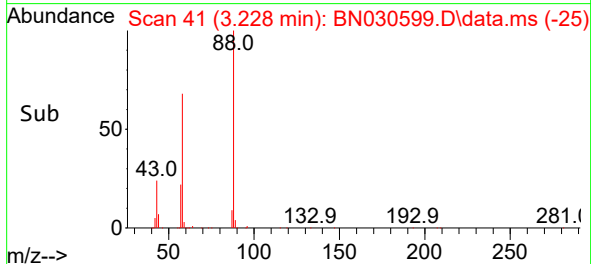
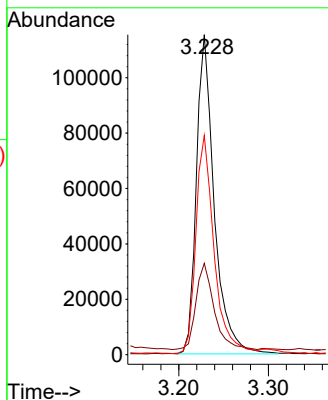
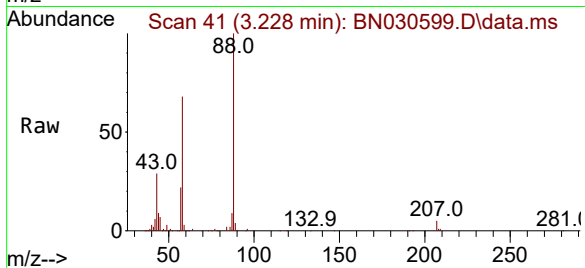
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#2
1,4-Dioxane
Concen: 29.217 ng/uL
RT: 3.228 min Scan# 41
Delta R.T. -0.006 min
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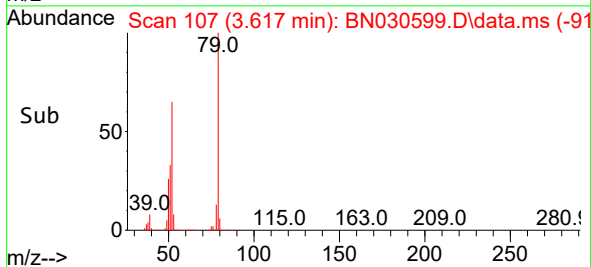
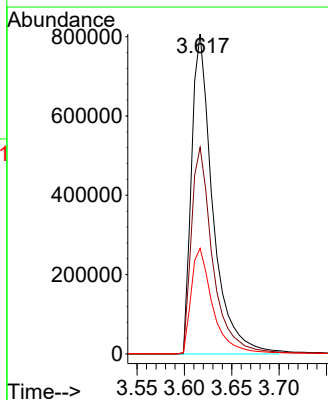
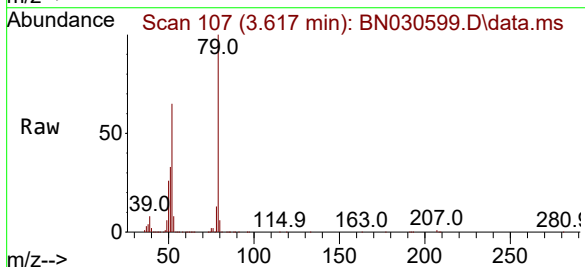
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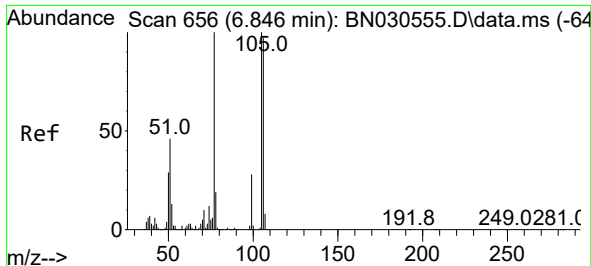
Tgt Ion: 88 Resp: 159190
Ion Ratio Lower Upper
88 100
43 28.6 23.8 35.8
58 68.5 56.6 84.8



#5
Pyridine
Concen: 81.982 ng/uL
RT: 3.617 min Scan# 107
Delta R.T. -0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion: 79 Resp: 1261569
Ion Ratio Lower Upper
79 100
52 64.6 56.2 84.4
51 33.0 27.0 40.4

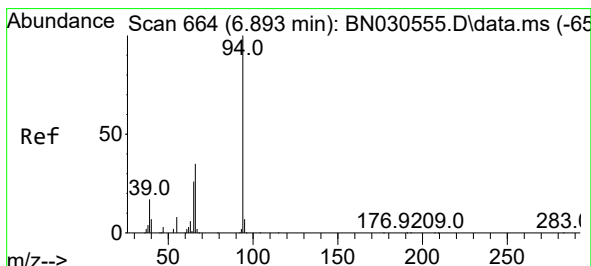
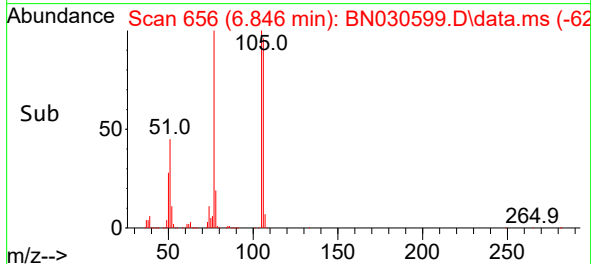
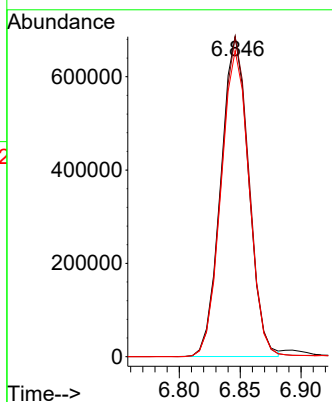
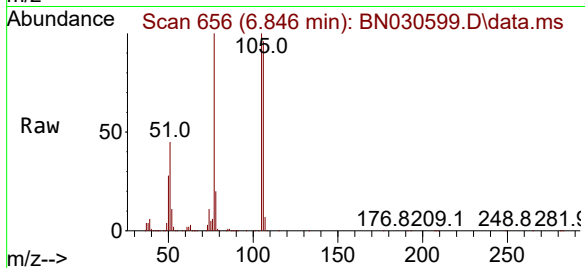




#6
Benzaldehyde
Concen: 121.395 ng/ul
RT: 6.846 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

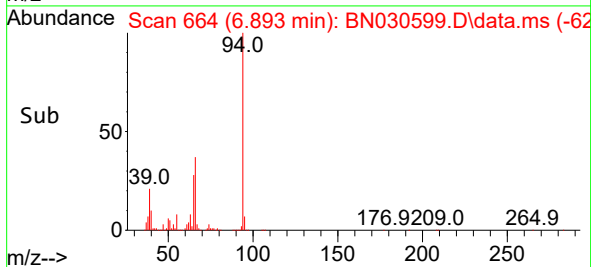
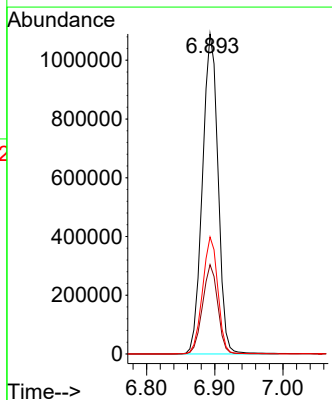
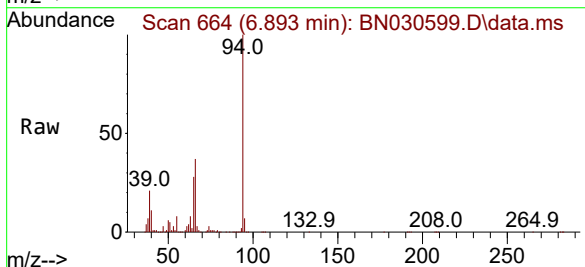
Instrument :
BNA_M
ClientSampleId :
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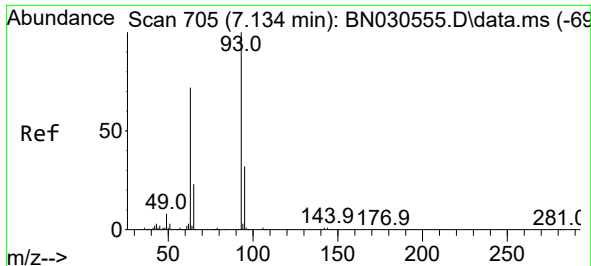
Tgt Ion: 77 Resp: 1090596
Ion Ratio Lower Upper
77 100
105 100.0 78.1 117.1
106 95.7 75.6 113.4



#8
Phenol
Concen: 86.373 ng/ul
RT: 6.893 min Scan# 664
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion: 94 Resp: 1735836
Ion Ratio Lower Upper
94 100
65 27.9 21.4 32.0
66 36.6 28.5 42.7

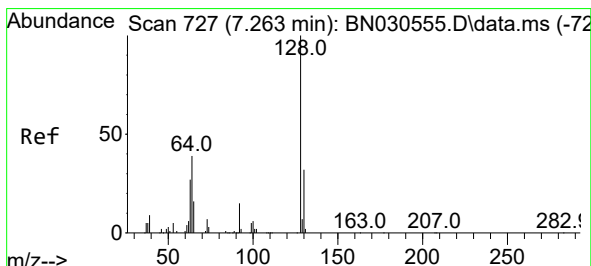
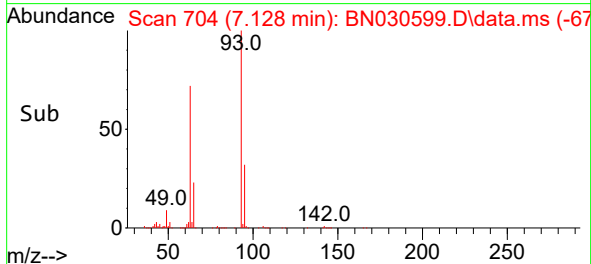
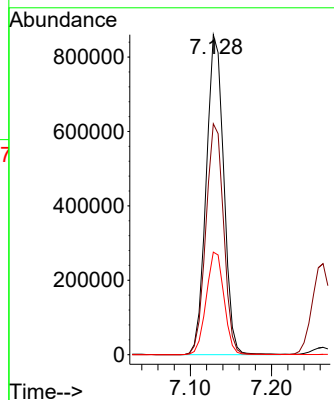
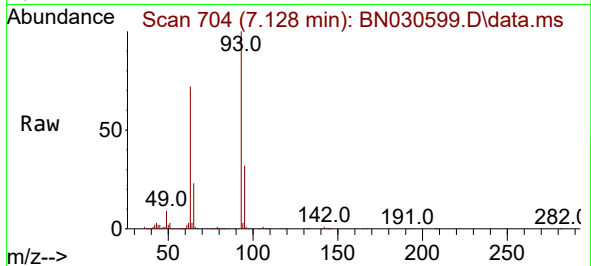




#10
Bis(2-Chloroethyl)ether
Concen: 78.530 ng/ul
RT: 7.128 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

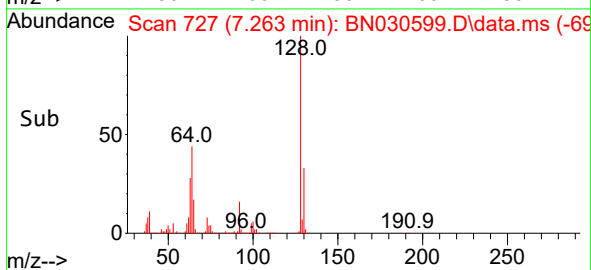
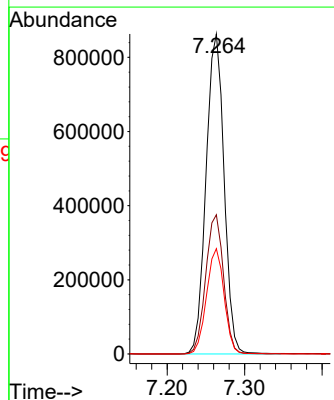
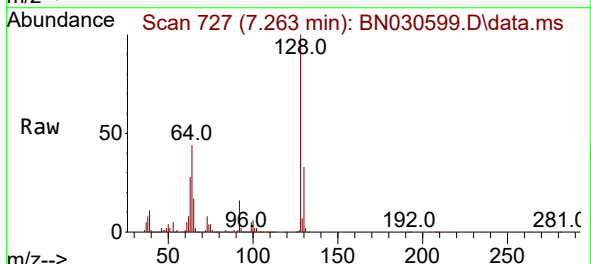
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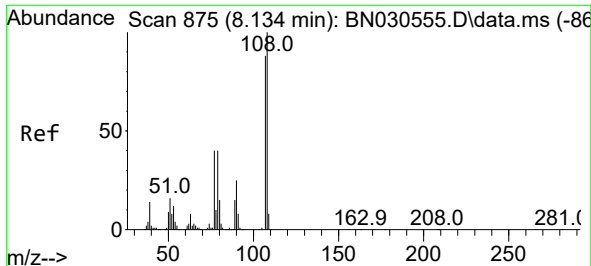
Tgt Ion: 93 Resp: 1286964
Ion Ratio Lower Upper
93 100
63 72.1 58.2 87.4
95 32.1 26.0 39.0



#12
2-Chlorophenol
Concen: 88.763 ng/ul
RT: 7.263 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:128 Resp: 1393483
Ion Ratio Lower Upper
128 100
64 43.5 37.0 55.4
130 32.9 26.3 39.5

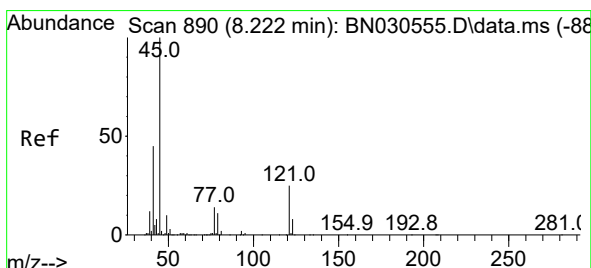
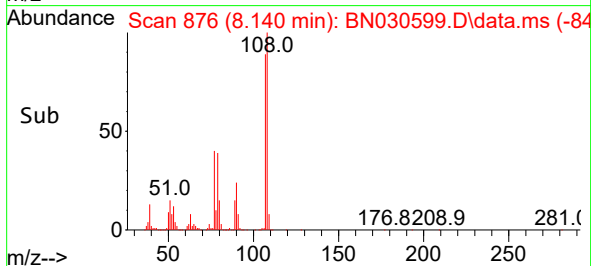
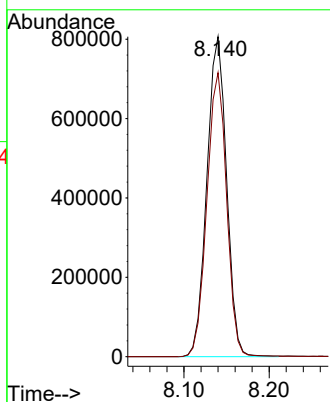
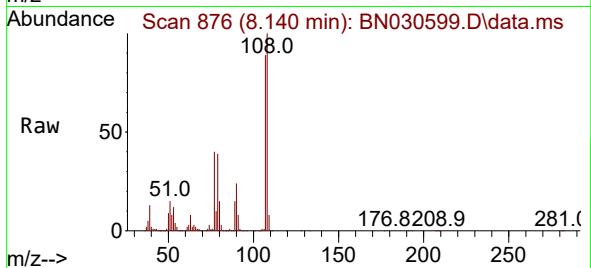




#13
2-Methylphenol
Concen: 83.910 ng/ul
RT: 8.140 min Scan# 81
Delta R.T. 0.006 min
Lab File: BN030599.D
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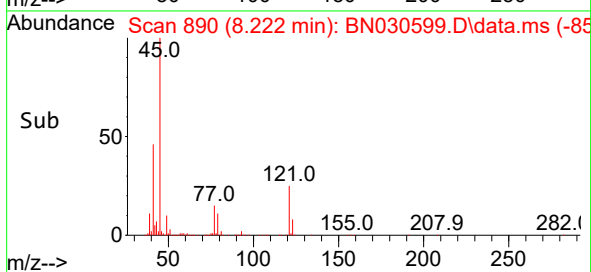
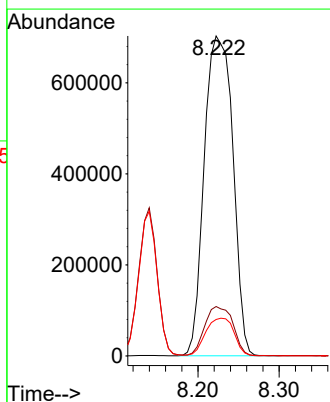
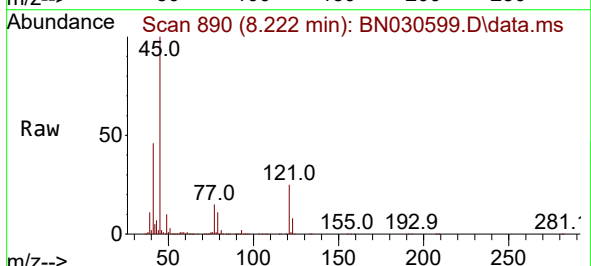
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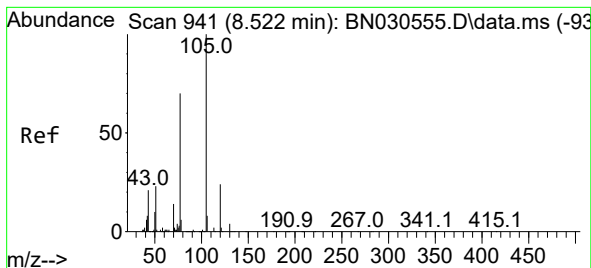
Tgt Ion:108 Resp: 1299443
Ion Ratio Lower Upper
108 100
107 88.7 71.8 107.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 74.702 ng/ul
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion: 45 Resp: 1723853
Ion Ratio Lower Upper
45 100
77 15.4 12.1 18.1
79 11.4 8.6 13.0





#16

Acetophenone

Concen: 75.178 ng/ul

RT: 8.522 min Scan# 941

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

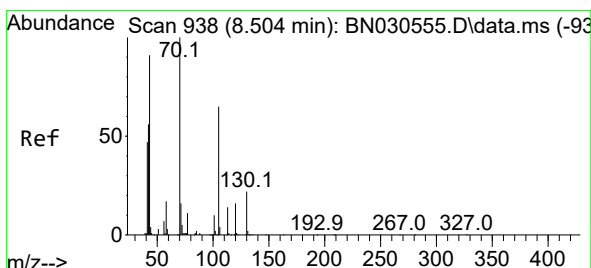
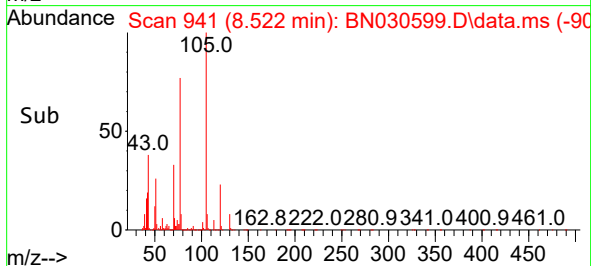
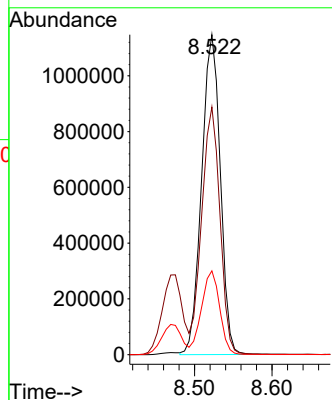
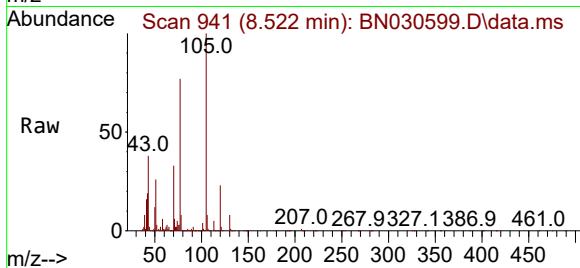
Tgt Ion:105 Resp: 1919097

Ion Ratio Lower Upper

105 100

77 77.4 61.2 91.8

51 26.2 21.0 31.4



#17

N-Nitroso-di-n-propylamine

Concen: 76.035 ng/ul

RT: 8.511 min Scan# 939

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Tgt Ion: 70 Resp: 977580

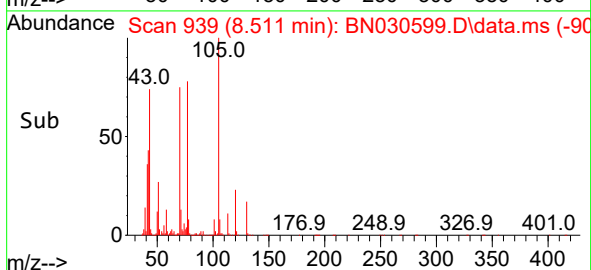
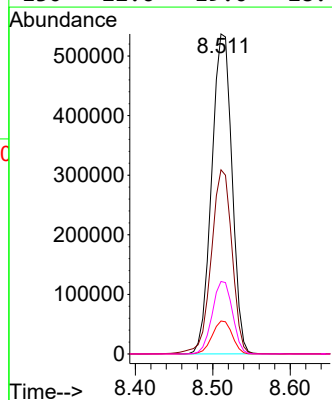
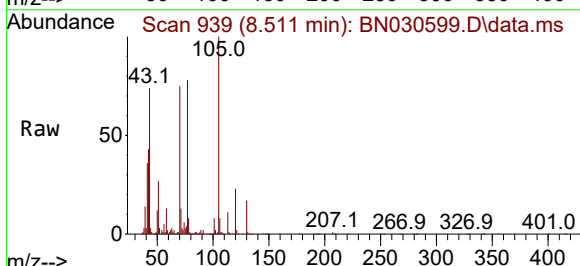
Ion Ratio Lower Upper

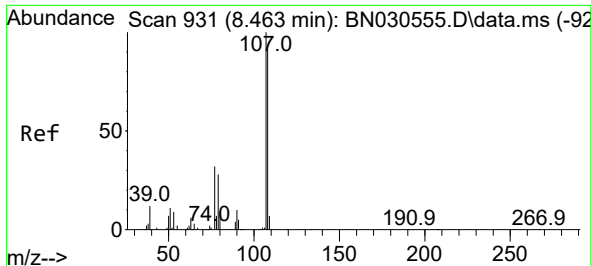
70 100

42 57.5 47.4 71.0

101 10.3 7.9 11.9

130 22.6 19.0 28.4

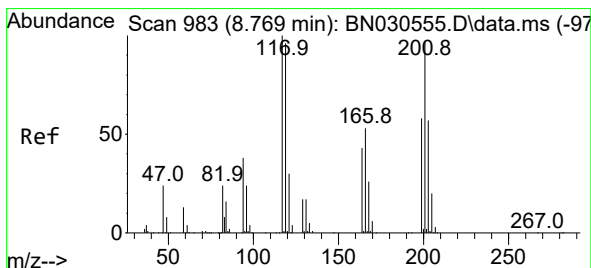
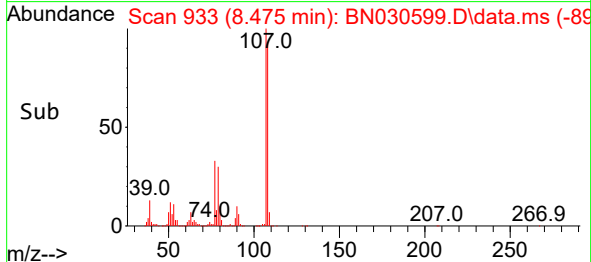
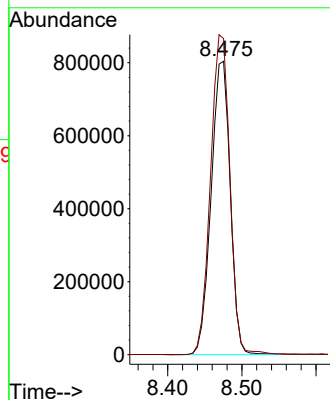
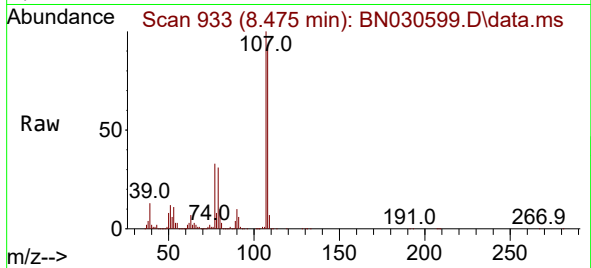




#18
4-Methylphenol
Concen: 82.876 ng/ul
RT: 8.475 min Scan# 911
Delta R.T. 0.012 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

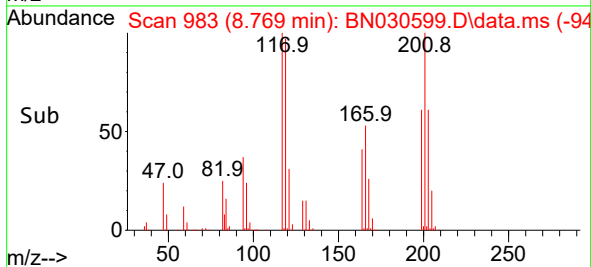
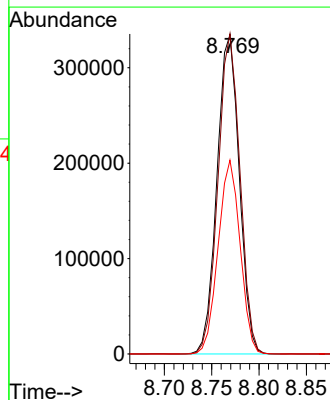
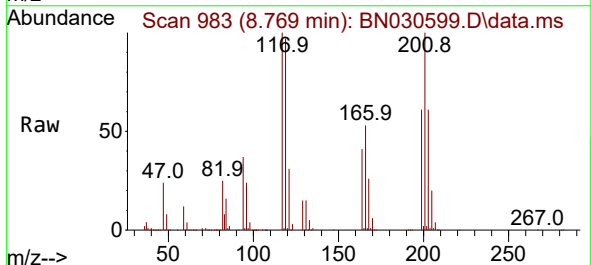
Instrument :
BNA_M
ClientSampleId :
SP

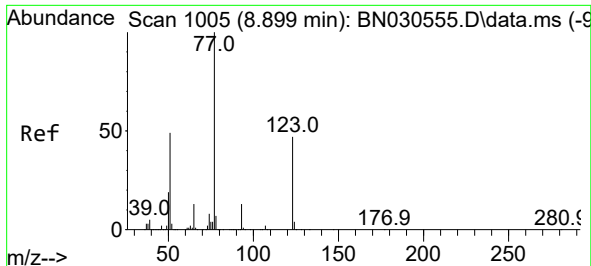
Tgt Ion:108 Resp: 1436777
Ion Ratio Lower Upper
108 100
107 107.8 88.1 132.1



#19
Hexachloroethane
Concen: 83.248 ng/ul
RT: 8.769 min Scan# 983
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:117 Resp: 547931
Ion Ratio Lower Upper
117 100
201 100.2 76.5 114.7
199 60.7 48.5 72.7

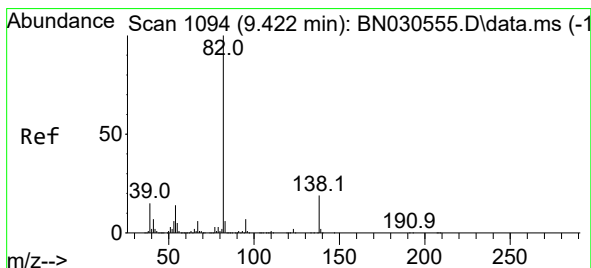
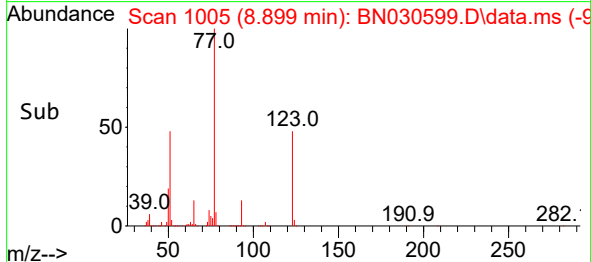
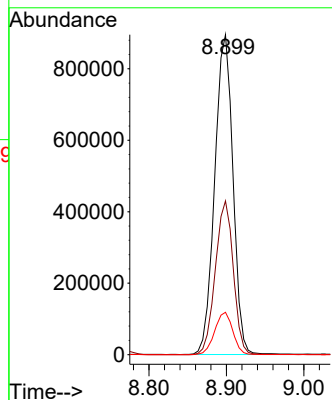
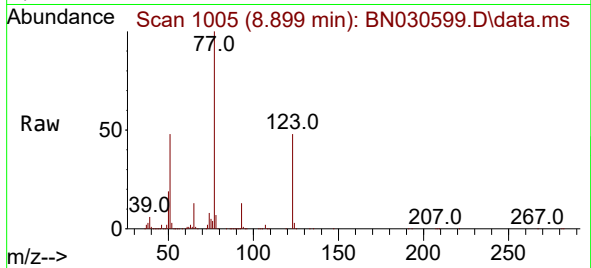




#22
Nitrobenzene
Concen: 82.656 ng/ul
RT: 8.899 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

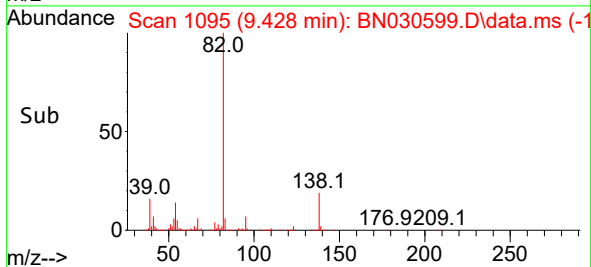
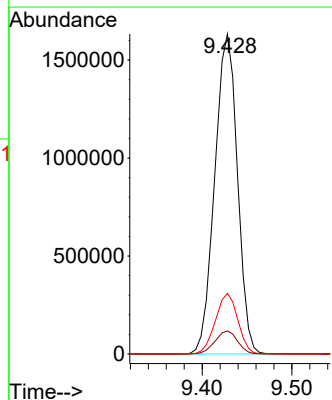
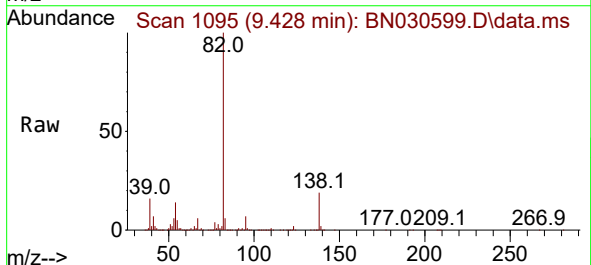
Instrument :
BNA_M
ClientSampleId :
SP

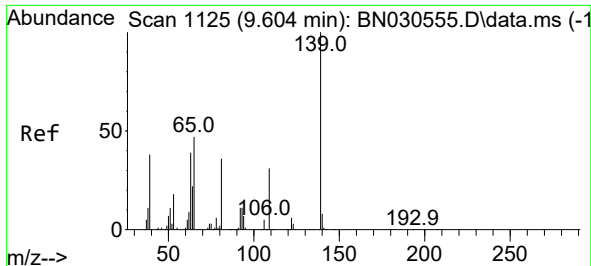
Tgt Ion: 77 Resp: 1464477
Ion Ratio Lower Upper
77 100
123 48.0 37.5 56.3
65 13.2 10.6 15.8



#23
Isophorone
Concen: 81.034 ng/ul
RT: 9.428 min Scan# 1095
Delta R.T. 0.012 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion: 82 Resp: 2863313
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.0 14.6 21.8

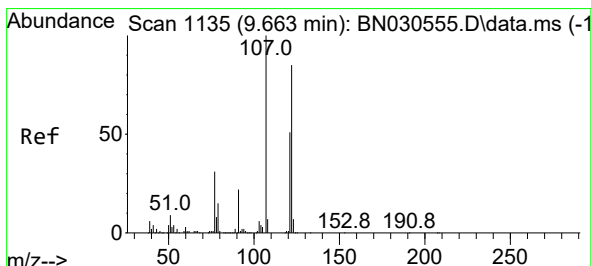
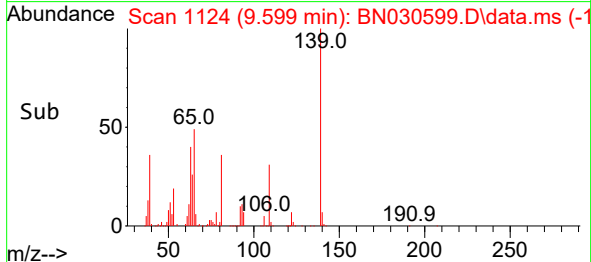
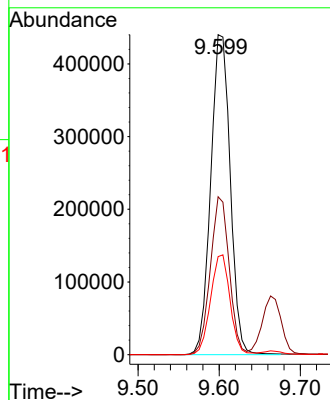
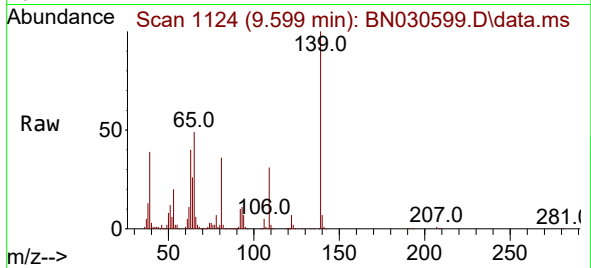




#25
2-Nitrophenol
Concen: 94.171 ng/ul
RT: 9.599 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

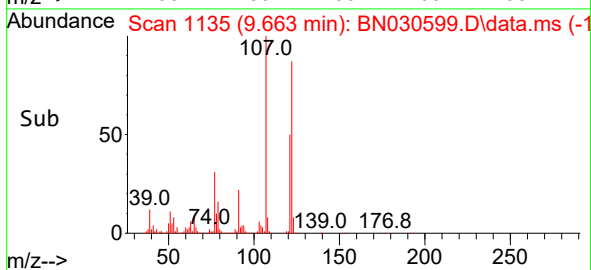
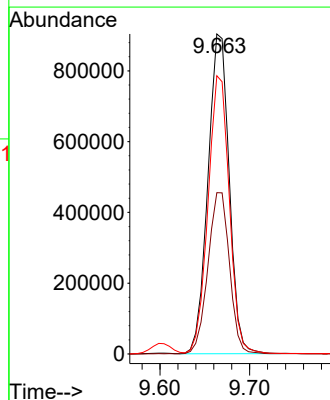
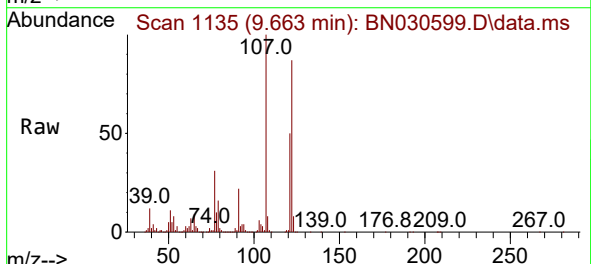
Instrument :
BNA_M
ClientSampleId :
SP

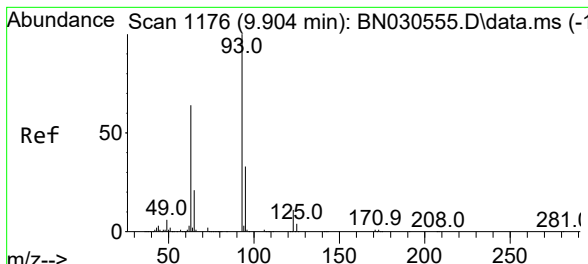
Tgt Ion:139 Resp: 734860
Ion Ratio Lower Upper
139 100
65 49.3 39.5 59.3
109 30.7 23.8 35.8



#26
2,4-Dimethylphenol
Concen: 85.807 ng/ul
RT: 9.663 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:107 Resp: 1488234
Ion Ratio Lower Upper
107 100
121 50.4 41.6 62.4
122 86.9 71.3 106.9



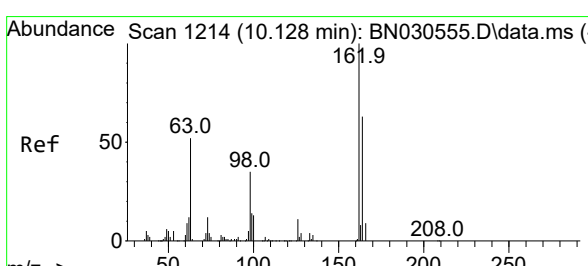
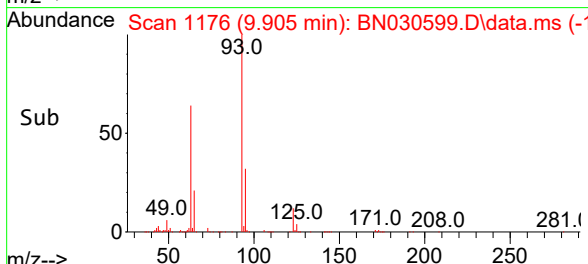
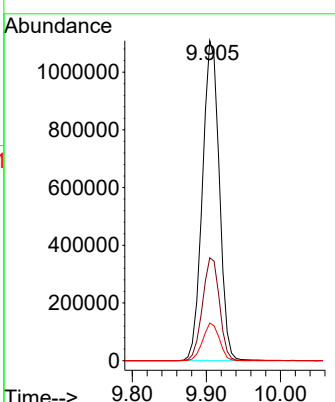
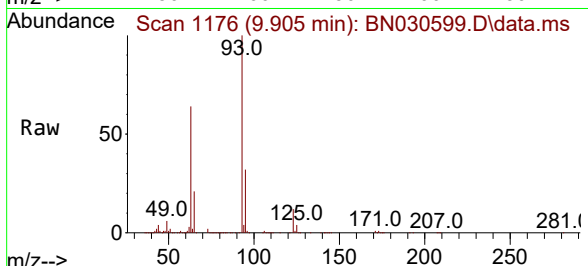


#27
 Bis(2-Chloroethoxy)methane
 Concen: 78.181 ng/ul
 RT: 9.905 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Instrument :
 BNA_M
 ClientSampleId :
 SP

Tgt Ion: 93 Resp: 1756390

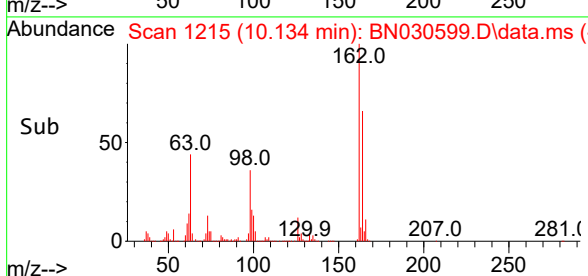
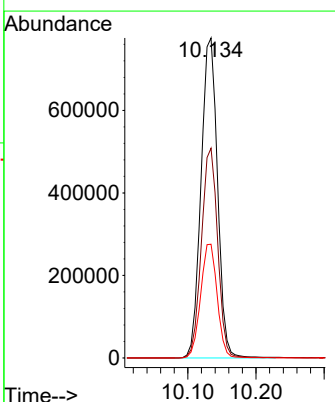
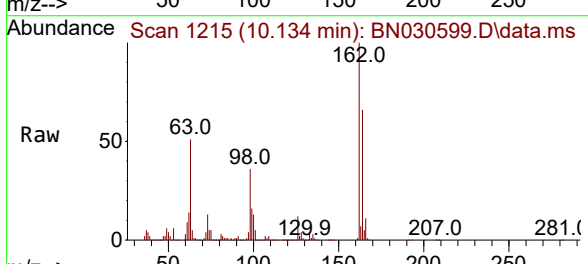
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.0
123	11.8	9.4	14.0

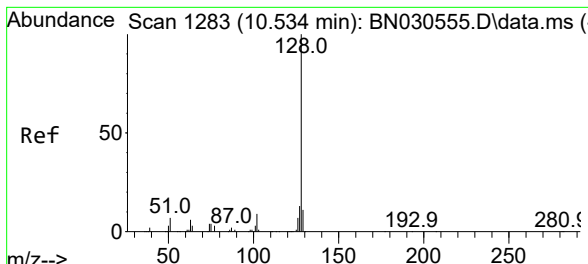


#29
 2,4-Dichlorophenol
 Concen: 88.127 ng/ul
 RT: 10.134 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Tgt Ion: 162 Resp: 1307533

Ion	Ratio	Lower	Upper
162	100		
164	65.6	51.8	77.8
98	35.5	28.0	42.0



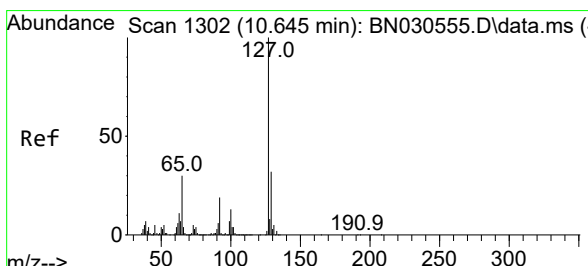
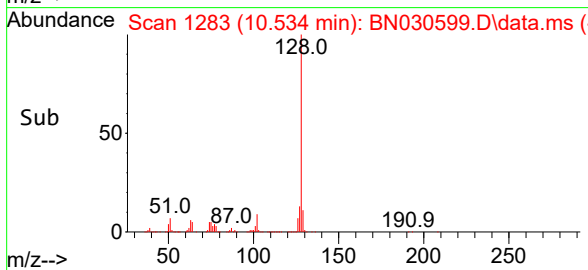
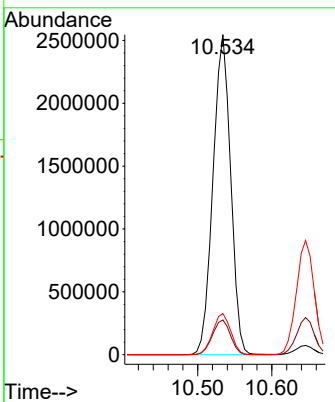
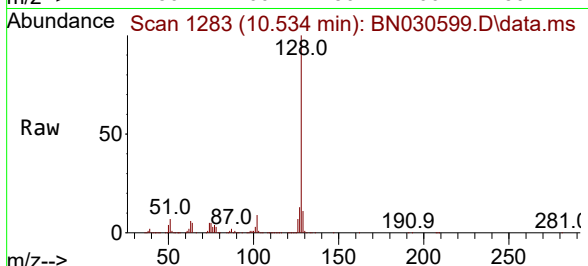


#30
Naphthalene
Concen: 78.533 ng/ul
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Instrument :
BNA_M
ClientSampleId :
SP

Tgt Ion:128 Resp: 4214214

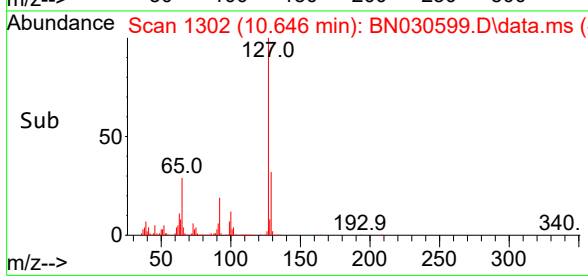
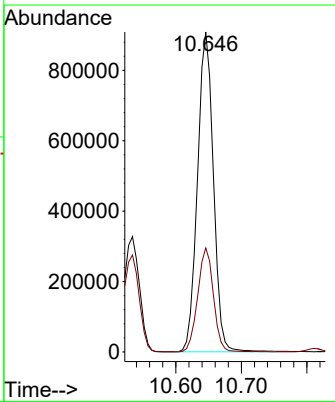
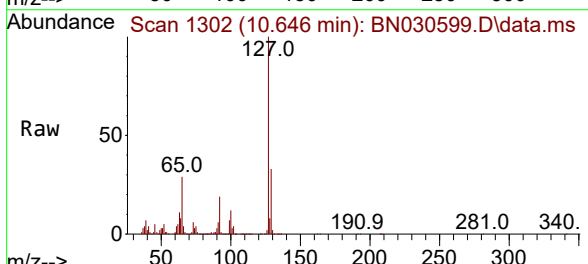
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.9	10.5	15.7

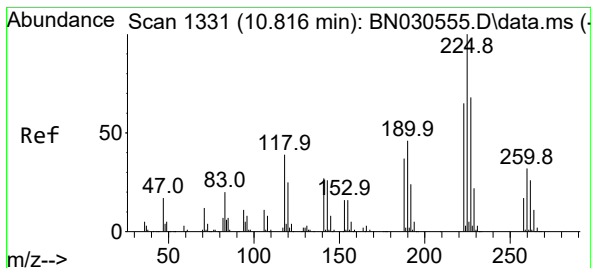


#32
4-Chloroaniline
Concen: 66.570 ng/ul
RT: 10.646 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:127 Resp: 1535297

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9





#33

Hexachlorobutadiene

Concen: 78.961 ng/ul

RT: 10.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

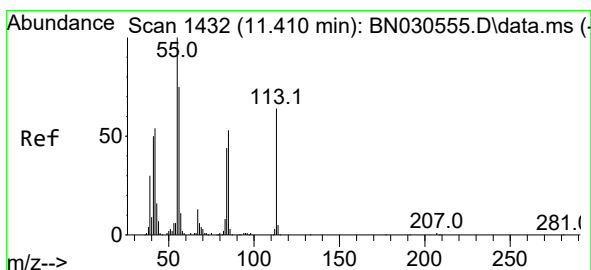
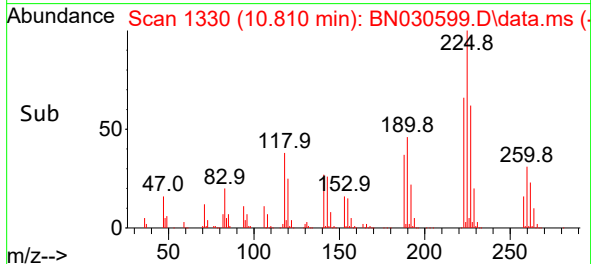
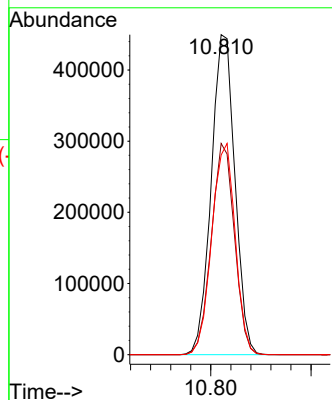
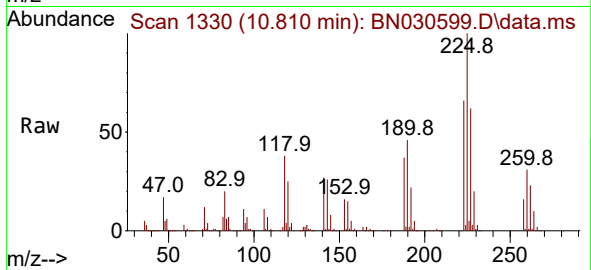
Tgt Ion:225 Resp: 737416

Ion Ratio Lower Upper

225 100

223 66.0 50.9 76.3

227 62.4 51.6 77.4



#34

Caprolactam

Concen: 71.033 ng/ul

RT: 11.463 min Scan# 1441

Delta R.T. 0.047 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

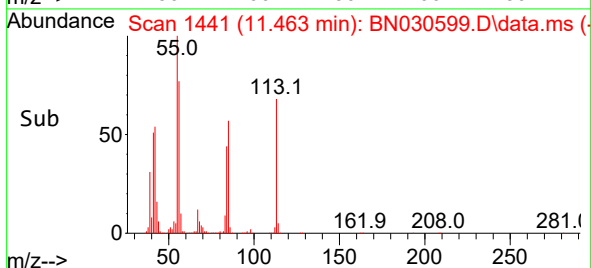
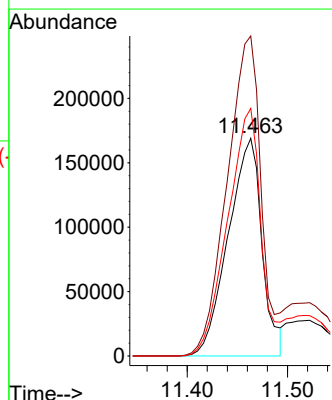
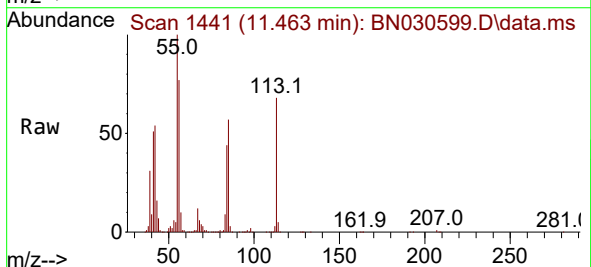
Tgt Ion:113 Resp: 393726

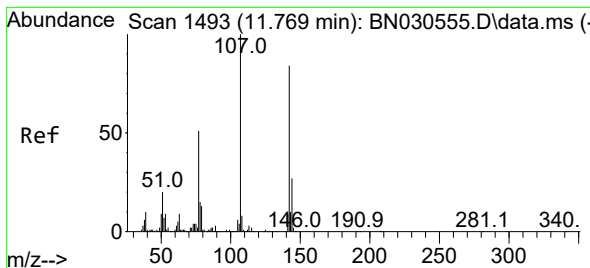
Ion Ratio Lower Upper

113 100

55 147.0 124.7 187.1

56 113.7 90.6 135.8

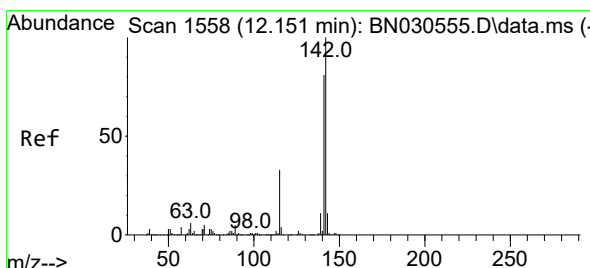
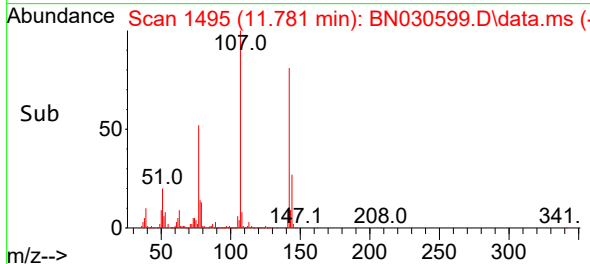
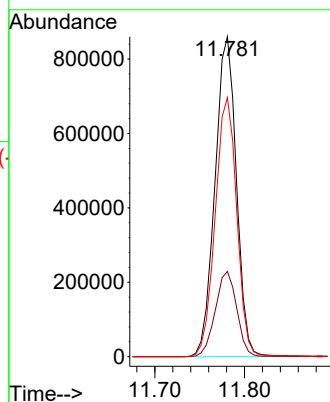
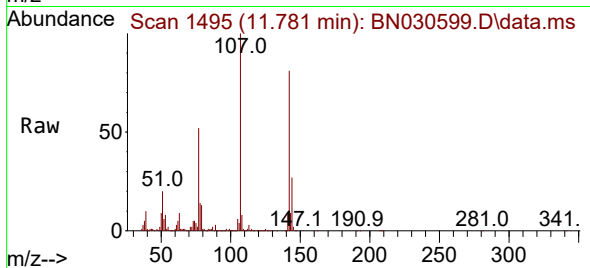




#35
4-Chloro-3-methylphenol
Concen: 85.325 ng/ul
RT: 11.781 min Scan# 1495
Delta R.T. 0.012 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

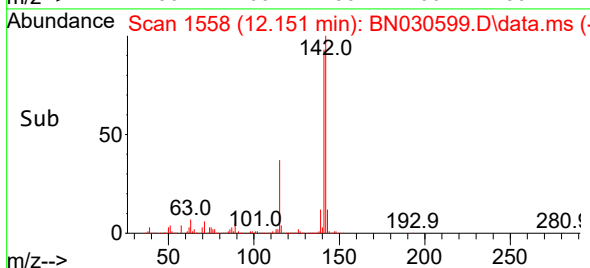
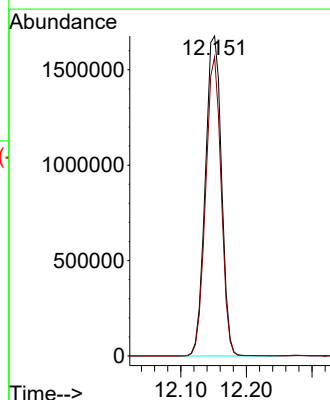
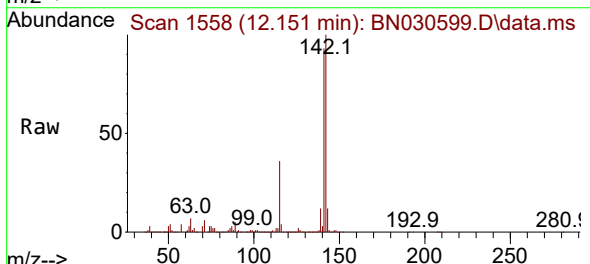
Instrument :
BNA_M
ClientSampleId :
SP

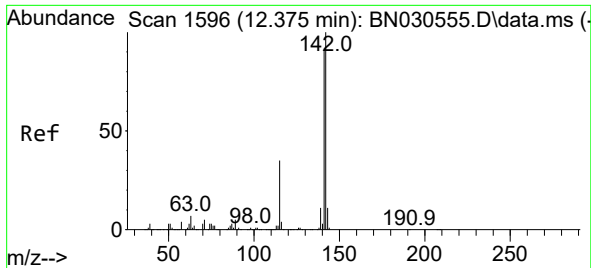
Tgt Ion:107 Resp: 1425866
Ion Ratio Lower Upper
107 100
144 26.6 21.4 32.0
142 81.0 65.9 98.9



#36
2-Methylnaphthalene
Concen: 77.021 ng/ul
RT: 12.151 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:142 Resp: 2886418
Ion Ratio Lower Upper
142 100
141 93.4 70.8 106.2





#37

1-Methylnaphthalene

Concen: 76.252 ng/ul

RT: 12.369 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

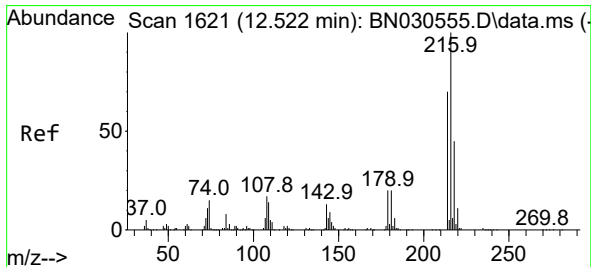
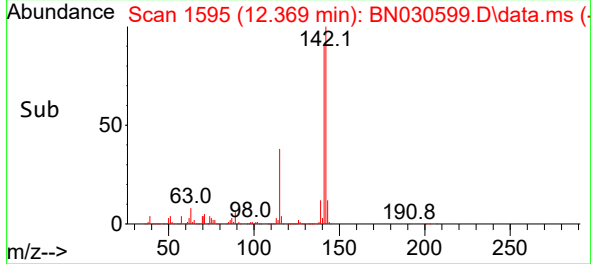
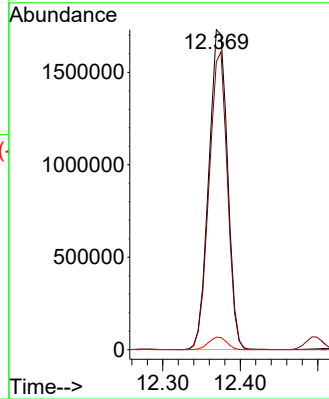
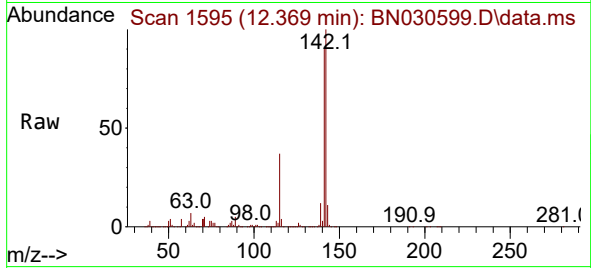
Tgt Ion:142 Resp: 2900818

Ion Ratio Lower Upper

142 100

141 90.0 73.0 109.4

116 3.9 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 84.385 ng/ul

RT: 12.522 min Scan# 1621

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Tgt Ion:216 Resp: 1471828

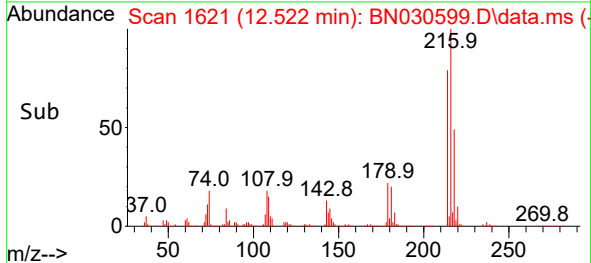
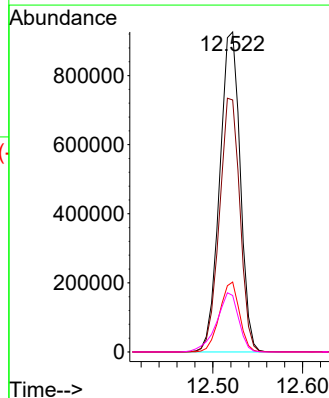
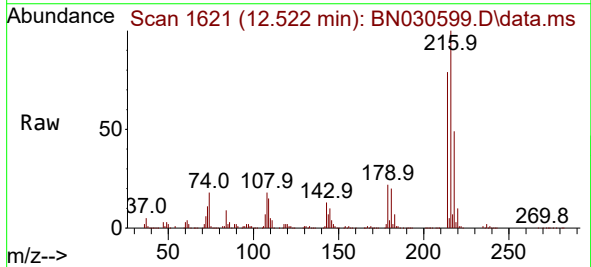
Ion Ratio Lower Upper

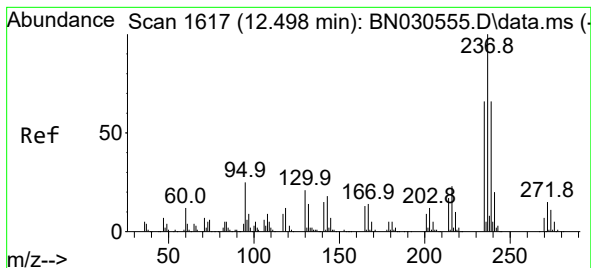
216 100

214 78.8 60.9 91.3

179 21.8 17.4 26.0

108 17.7 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 82.836 ng/ul

RT: 12.499 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

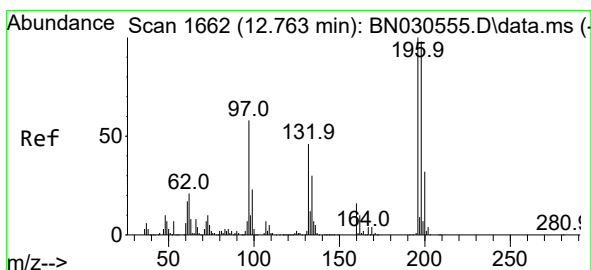
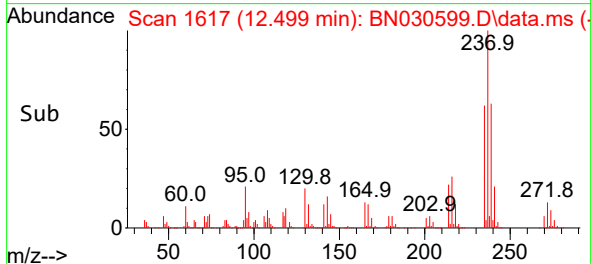
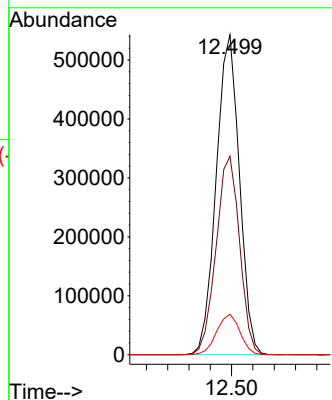
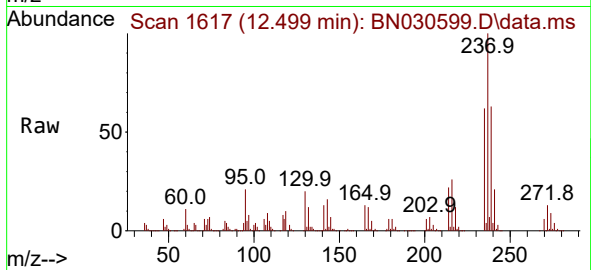
Tgt Ion:237 Resp: 820505

Ion Ratio Lower Upper

237 100

235 62.0 50.6 76.0

272 12.6 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 95.546 ng/ul

RT: 12.763 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

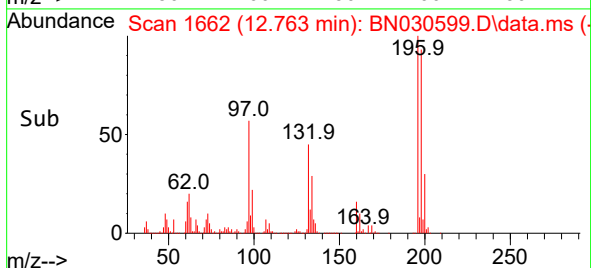
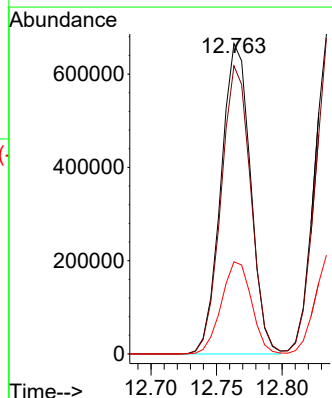
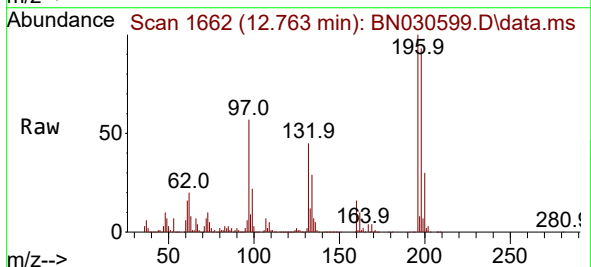
Tgt Ion:196 Resp: 1041381

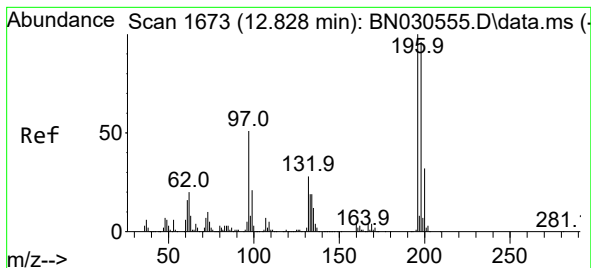
Ion Ratio Lower Upper

196 100

198 92.8 74.6 111.8

200 29.7 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 92.749 ng/ul

RT: 12.840 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

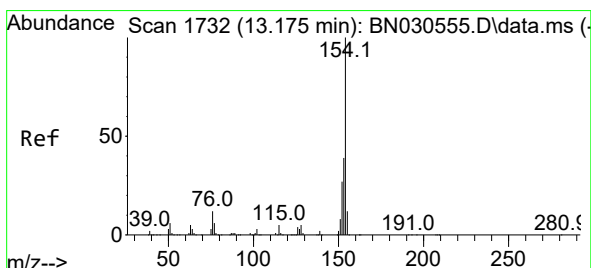
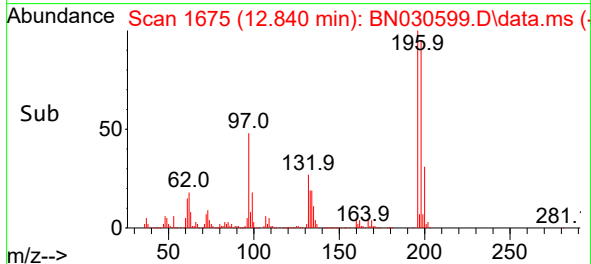
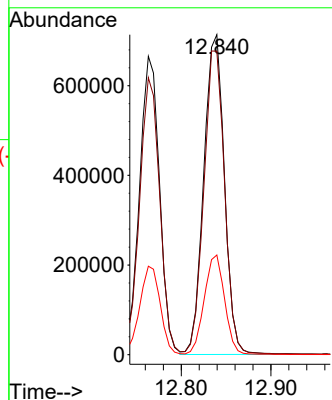
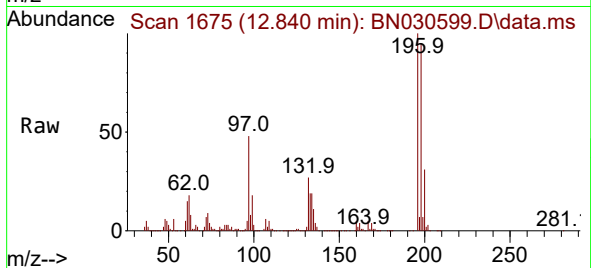
Tgt Ion:196 Resp: 1141640

Ion Ratio Lower Upper

196 100

198 94.8 73.0 109.6

200 31.1 25.2 37.8



#43

1,1'-Biphenyl

Concen: 79.398 ng/ul

RT: 13.175 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

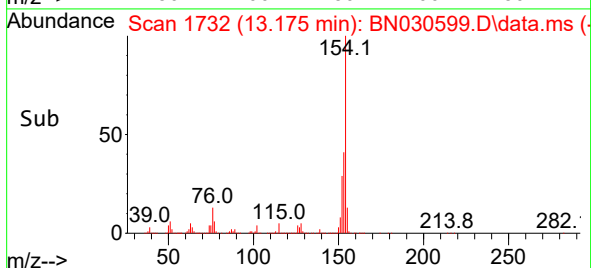
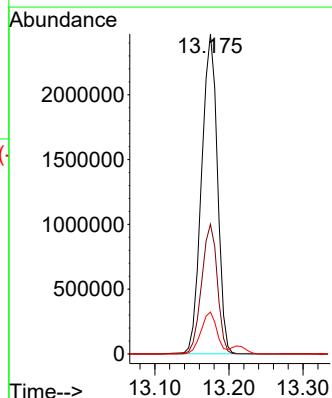
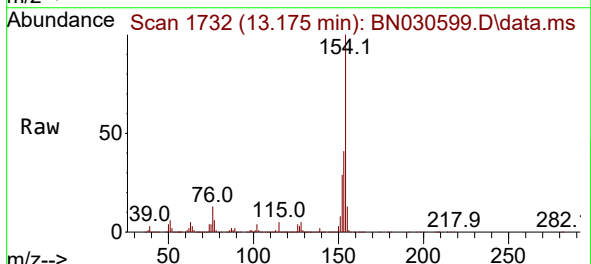
Tgt Ion:154 Resp: 3657597

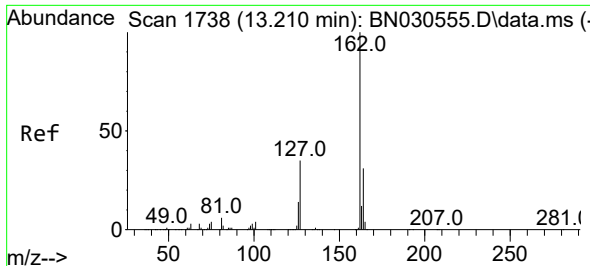
Ion Ratio Lower Upper

154 100

153 40.6 31.5 47.3

76 13.1 9.8 14.6

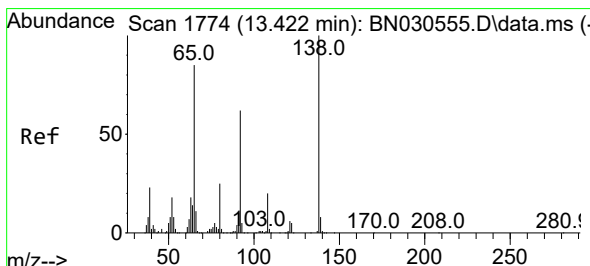
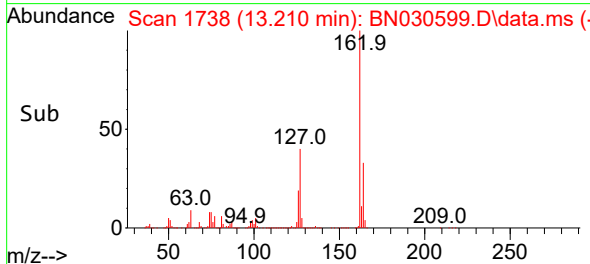
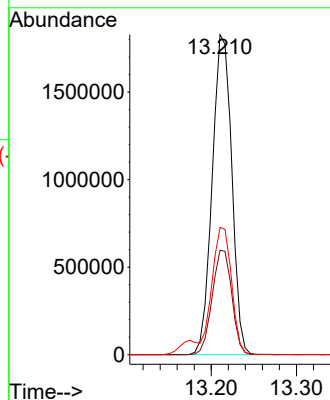
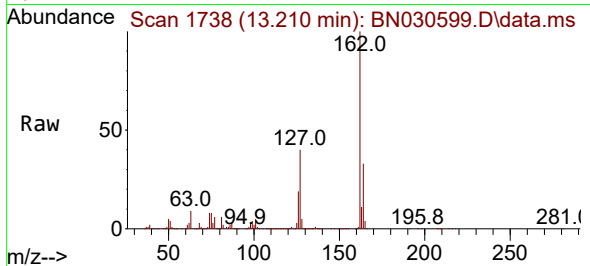




#44
2-Chloronaphthalene
Concen: 80.322 ng/ul
RT: 13.210 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

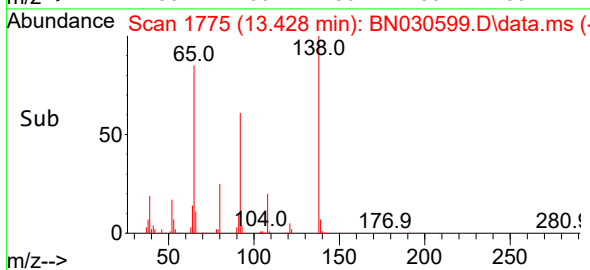
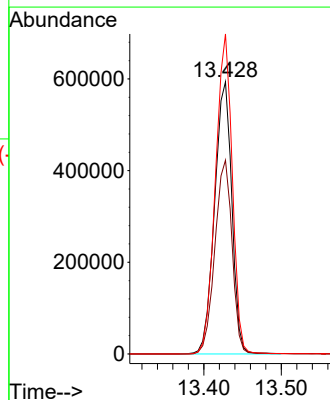
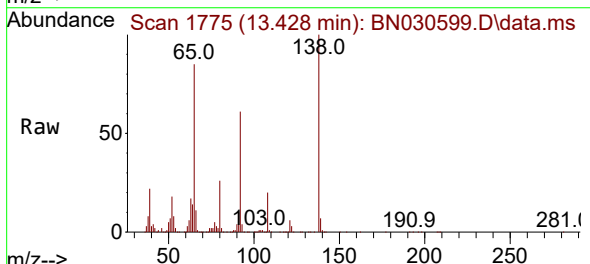
Instrument :
BNA_M
ClientSampleId :
SP

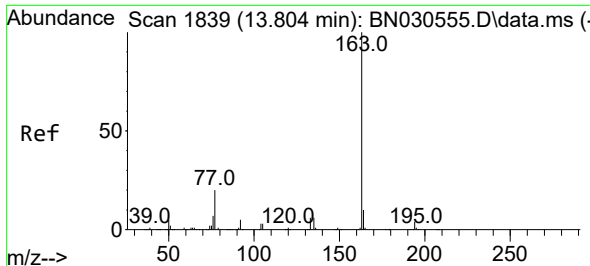
Tgt Ion:162 Resp: 2912760
Ion Ratio Lower Upper
162 100
164 32.6 25.7 38.5
127 39.8 32.2 48.2



#45
2-Nitroaniline
Concen: 95.124 ng/ul
RT: 13.428 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion: 65 Resp: 918010
Ion Ratio Lower Upper
65 100
92 71.2 57.7 86.5
138 117.5 90.6 135.8

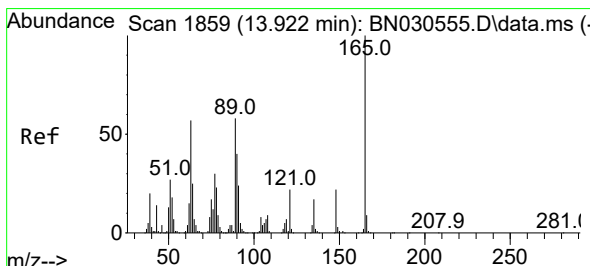
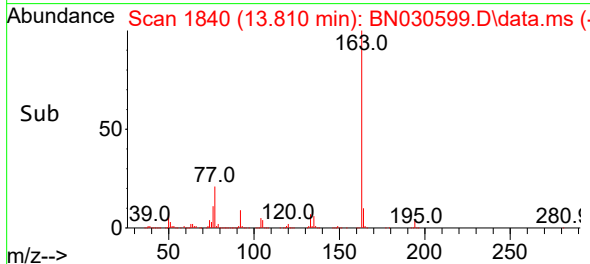
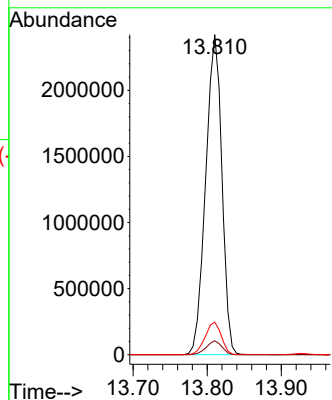
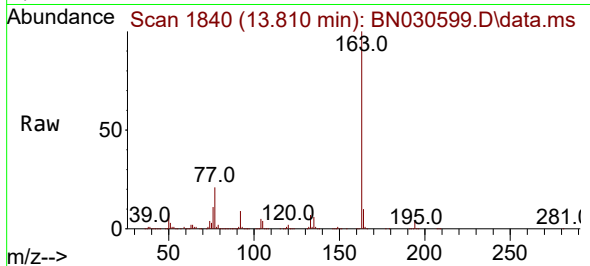




#47
Dimethylphthalate
Concen: 78.656 ng/ul
RT: 13.810 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

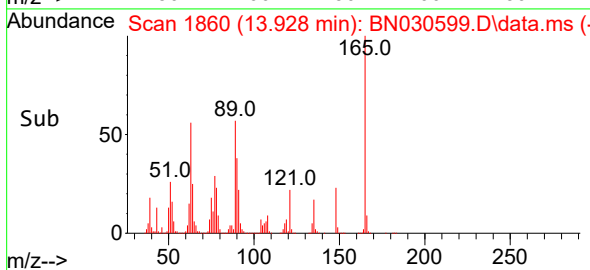
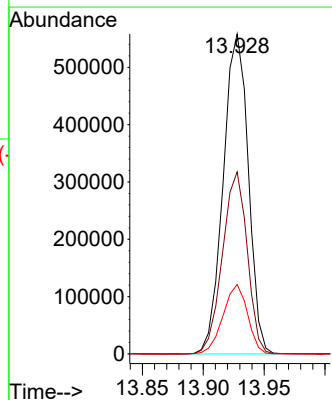
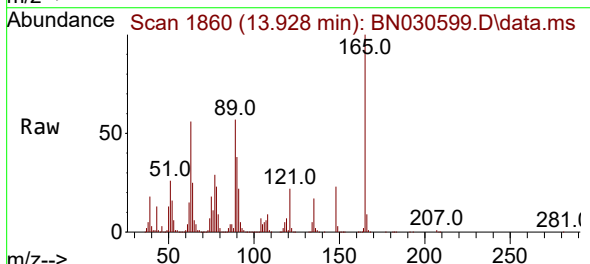
Instrument :
BNA_M
ClientSampleId :
SP

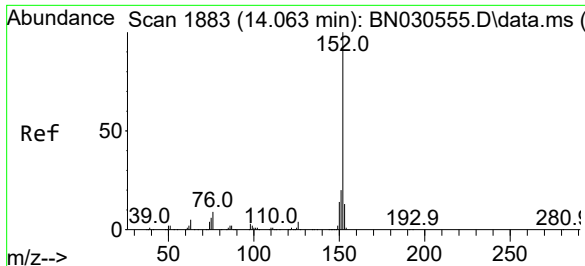
Tgt Ion:163 Resp: 3666387
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 92.703 ng/ul
RT: 13.928 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:165 Resp: 801163
Ion Ratio Lower Upper
165 100
89 56.9 43.5 65.3
121 21.7 15.7 23.5

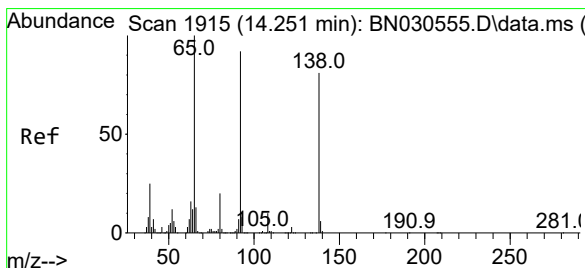
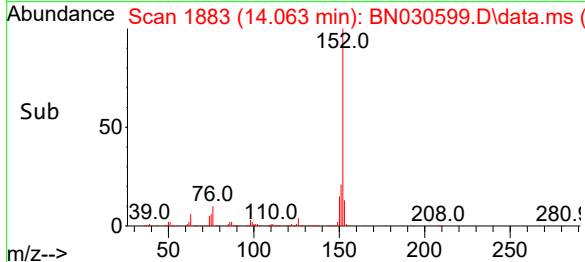
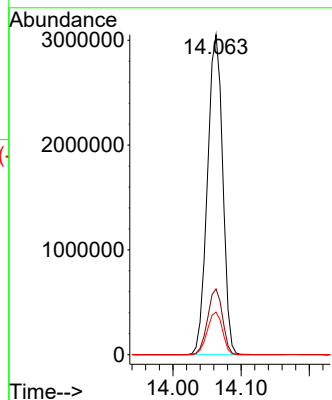
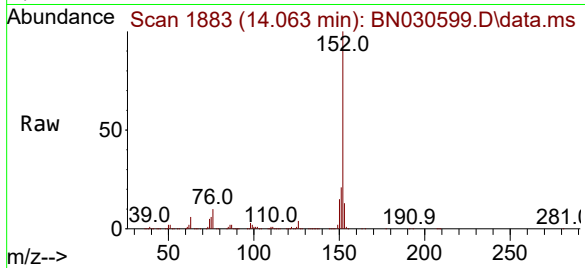




#50
Acenaphthylene
Concen: 79.212 ng/ul
RT: 14.063 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

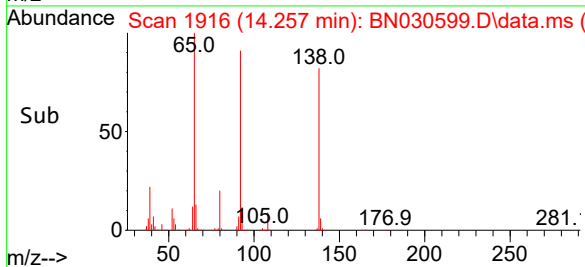
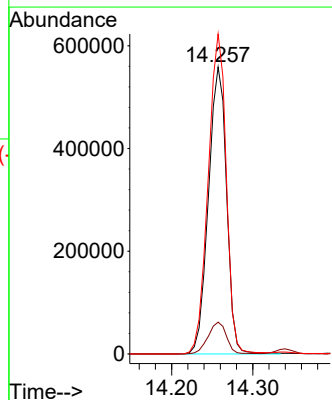
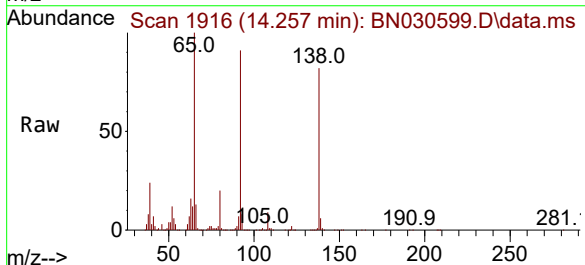
Instrument :
BNA_M
ClientSampleId :
SP

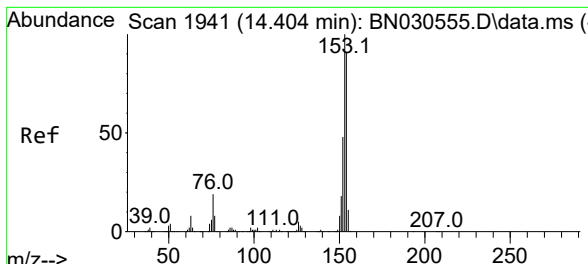
Tgt Ion:152 Resp: 4748436
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.3 10.7 16.1



#51
3-Nitroaniline
Concen: 94.532 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:138 Resp: 867149
Ion Ratio Lower Upper
138 100
108 11.1 9.6 14.4
92 111.5 89.6 134.4



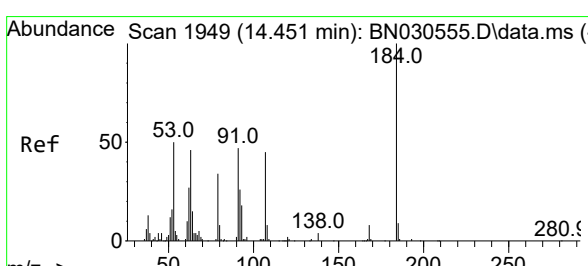
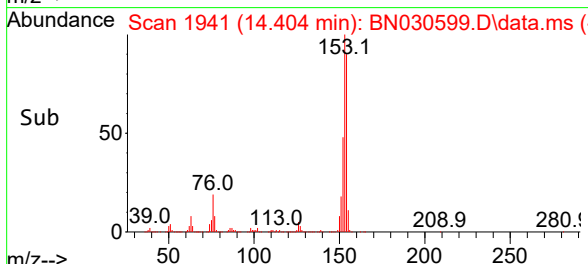
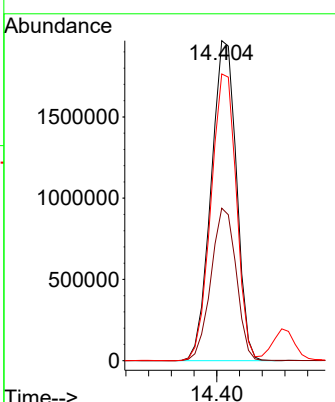
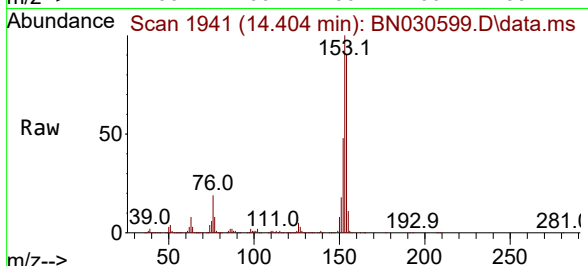


#52
 Acenaphthene
 Concen: 76.371 ng/ul
 RT: 14.404 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Instrument :
 BNA_M
 ClientSampleId :
 SP

Tgt Ion:153 Resp: 3050849

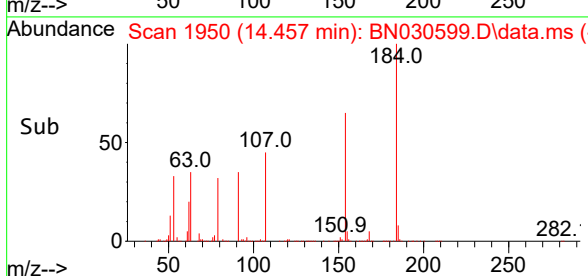
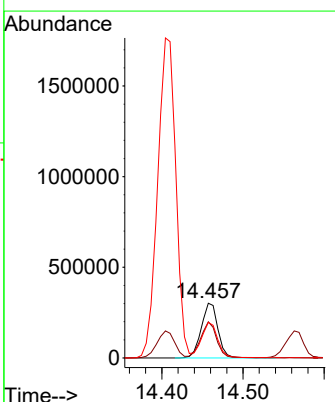
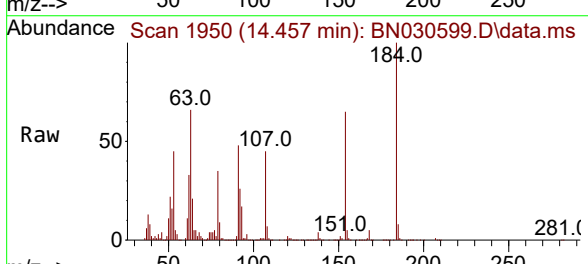
Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.6	56.4
154	89.6	70.3	105.5

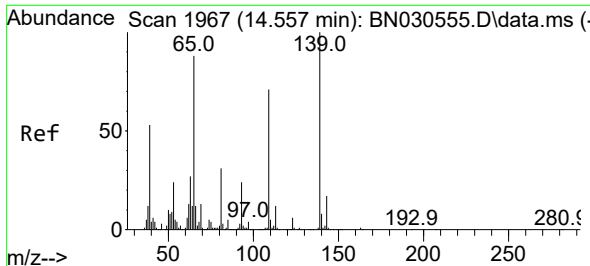


#53
 2,4-Dinitrophenol
 Concen: 108.401 ng/ul
 RT: 14.457 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Tgt Ion:184 Resp: 430294

Ion	Ratio	Lower	Upper
184	100		
63	66.1	49.9	74.9
154	65.0	49.5	74.3

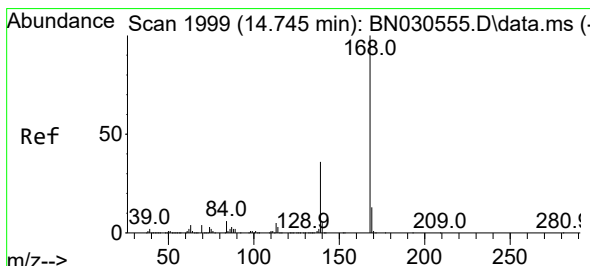
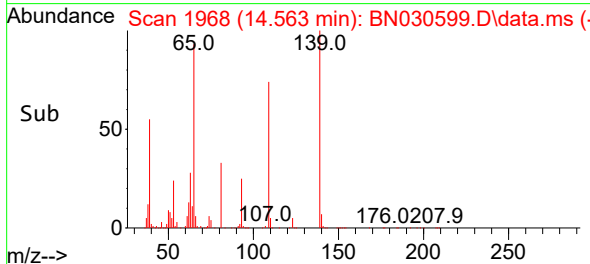
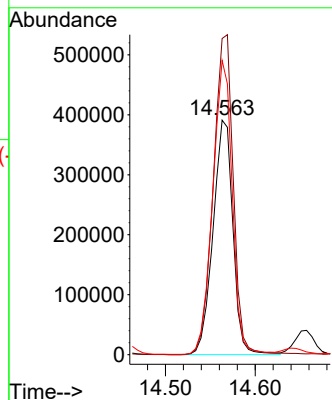
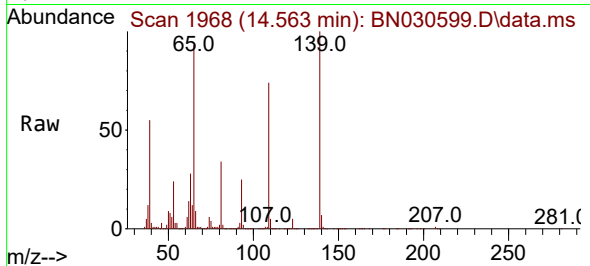




#55
4-Nitrophenol
Concen: 87.915 ng/ul
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

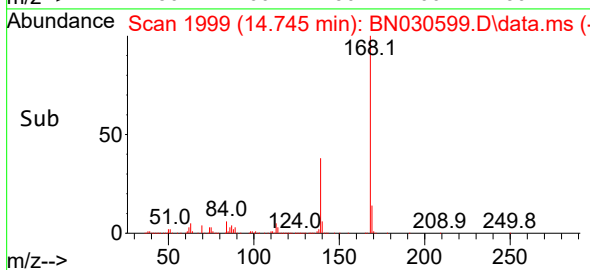
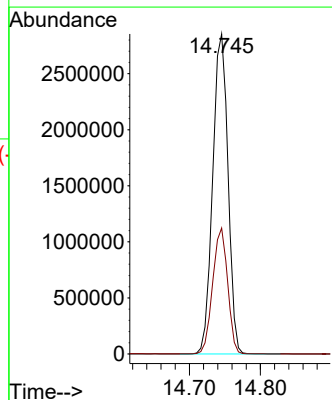
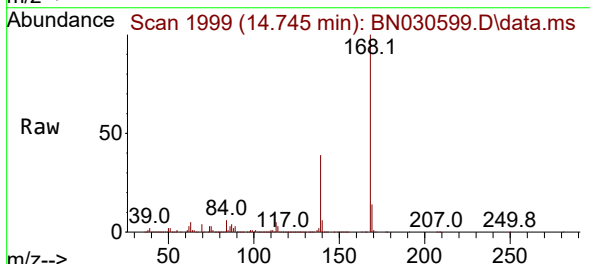
Instrument :
BNA_M
ClientSampleId :
SP

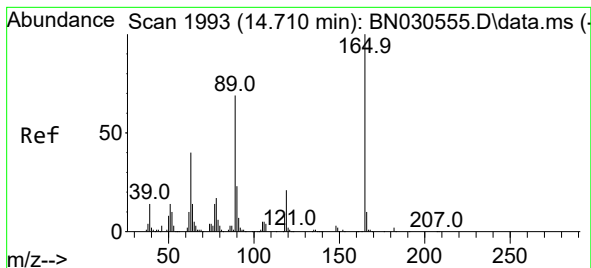
Tgt Ion:109 Resp: 601192
Ion Ratio Lower Upper
109 100
139 134.8 111.8 167.6
65 125.5 98.7 148.1



#56
Dibenzofuran
Concen: 76.637 ng/ul
RT: 14.745 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:168 Resp: 4255621
Ion Ratio Lower Upper
168 100
139 39.3 30.2 45.4





#57

2,4-Dinitrotoluene

Concen: 92.386 ng/ul

RT: 14.716 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

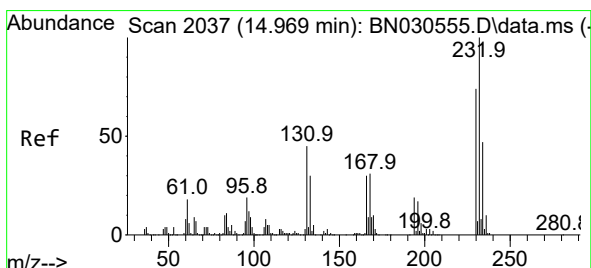
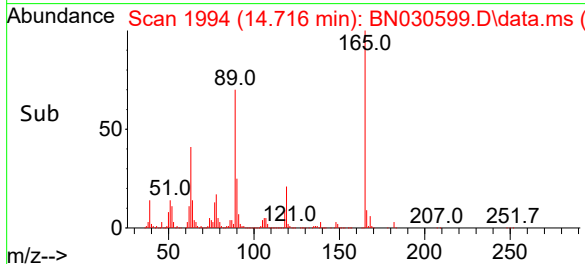
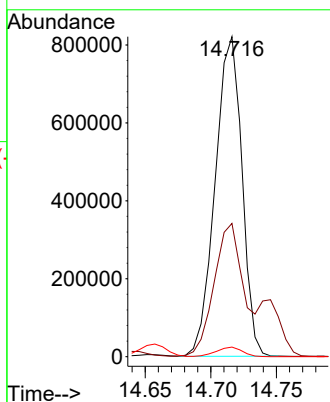
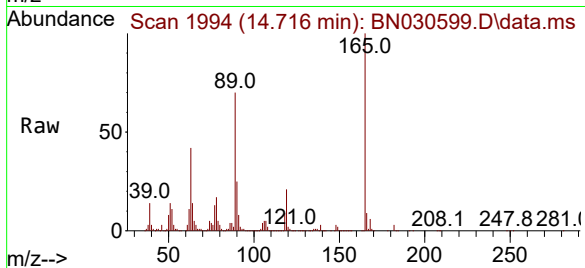
Tgt Ion:165 Resp: 1165689

Ion Ratio Lower Upper

165 100

63 41.7 34.7 52.1

182 3.0 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 92.382 ng/ul

RT: 14.969 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Tgt Ion:232 Resp: 944393

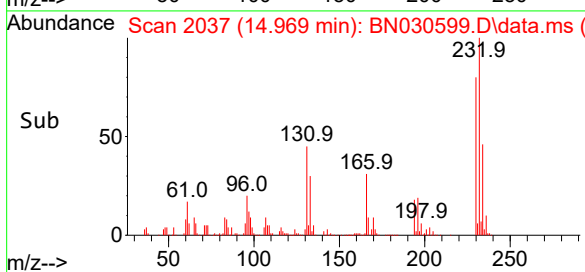
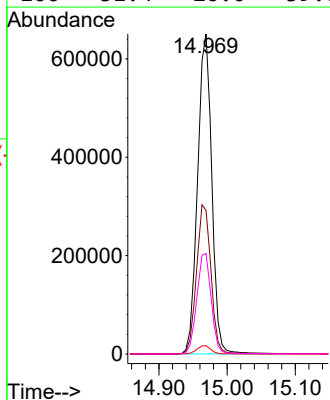
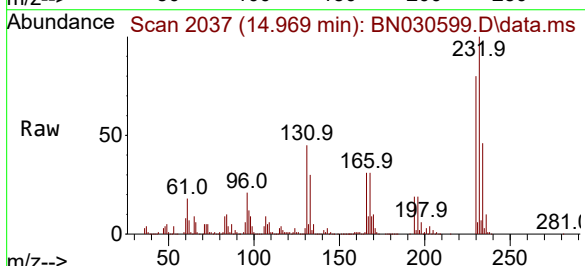
Ion Ratio Lower Upper

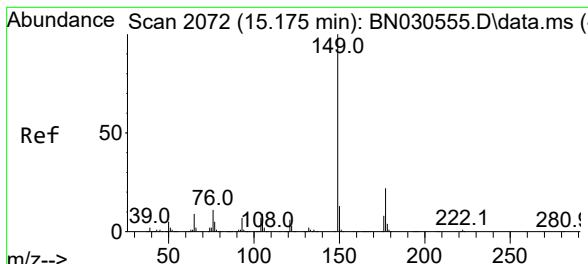
232 100

131 44.8 36.6 55.0

130 2.6 2.2 3.2

166 31.4 26.0 39.0



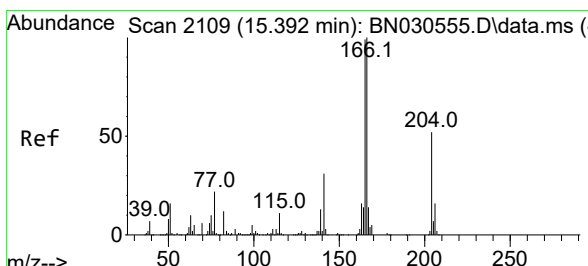
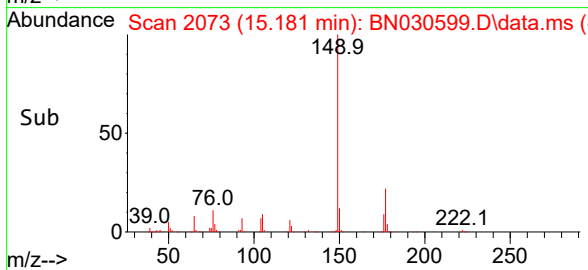
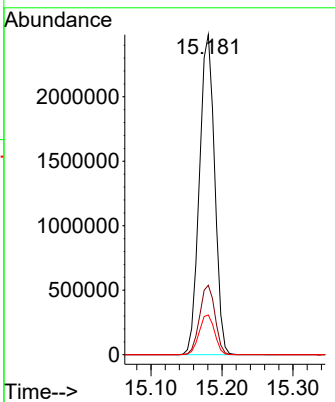
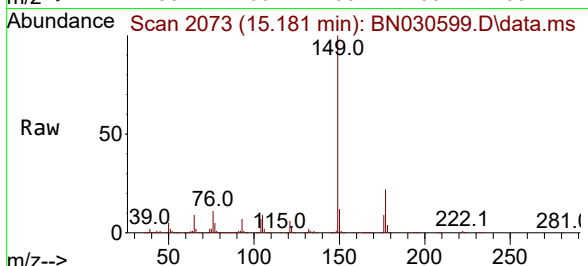


#59
 Diethylphthalate
 Concen: 78.395 ng/ul
 RT: 15.181 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Instrument :
 BNA_M
 ClientSampleId :
 SP

Tgt Ion:149 Resp: 3712317

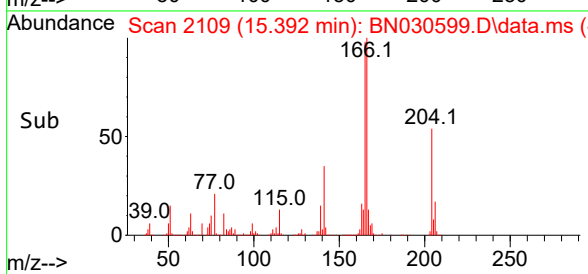
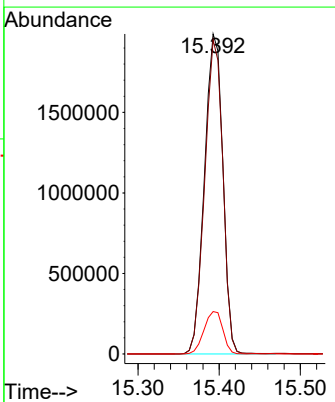
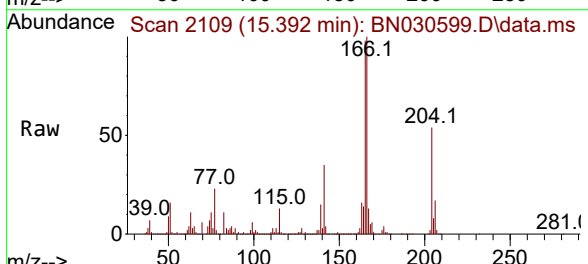
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.4	9.8	14.8

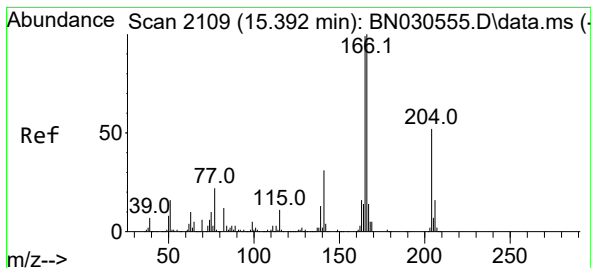


#61
 Fluorene
 Concen: 70.763 ng/ul
 RT: 15.392 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Tgt Ion:166 Resp: 3123361

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.4
167	13.2	11.0	16.4

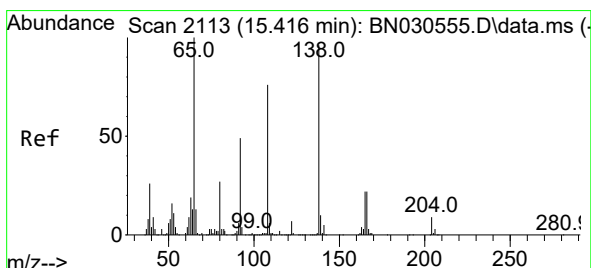
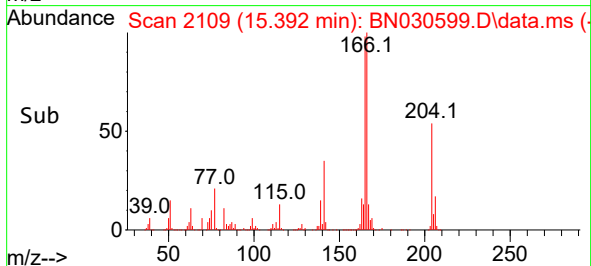
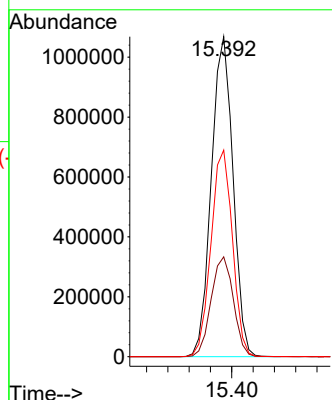
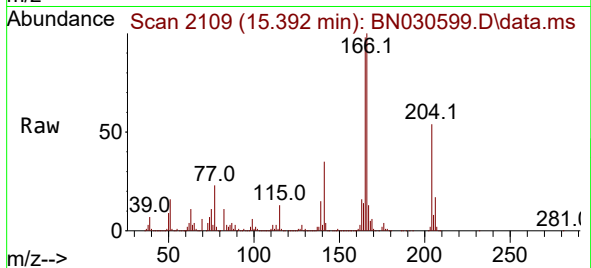




#62
4-Chlorophenyl-phenylether
Concen: 69.556 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

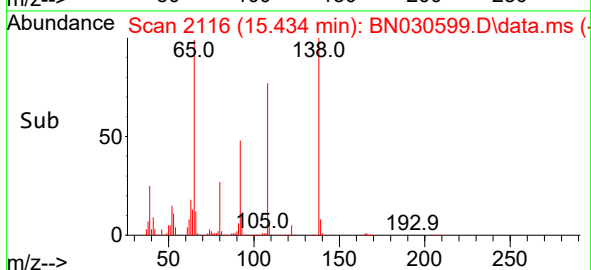
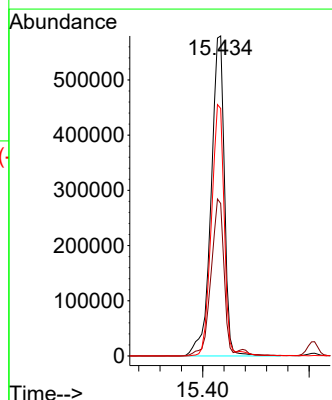
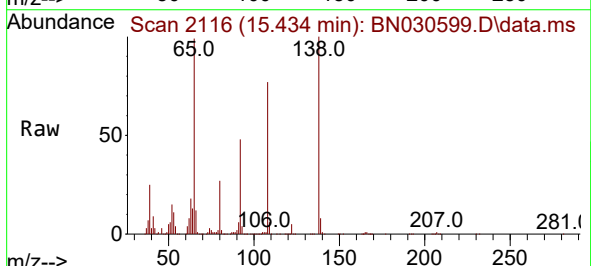
Instrument :
BNA_M
ClientSampleId :
SP

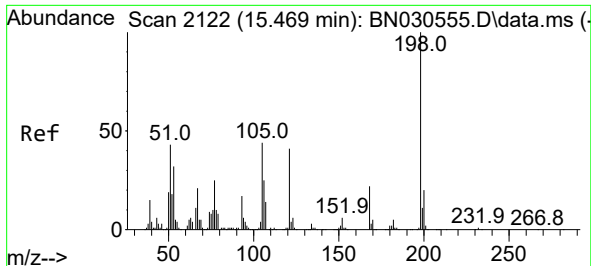
Tgt Ion:204 Resp: 1506231
Ion Ratio Lower Upper
204 100
206 31.2 25.8 38.6
141 64.6 49.1 73.7



#63
4-Nitroaniline
Concen: 113.113 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. 0.018 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:138 Resp: 1008731
Ion Ratio Lower Upper
138 100
92 47.6 39.7 59.5
108 77.4 62.6 94.0

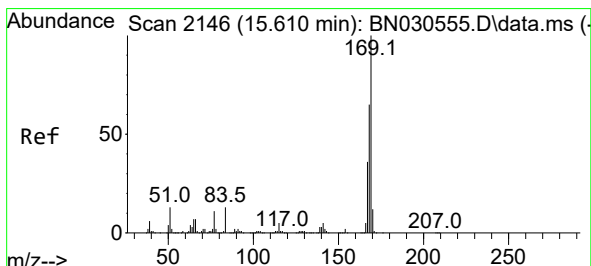
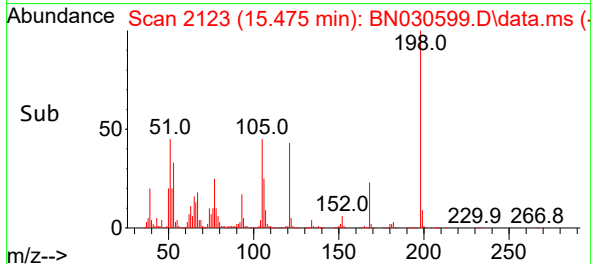
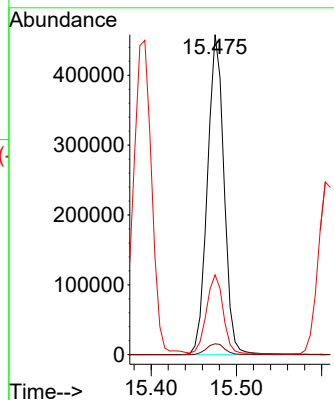
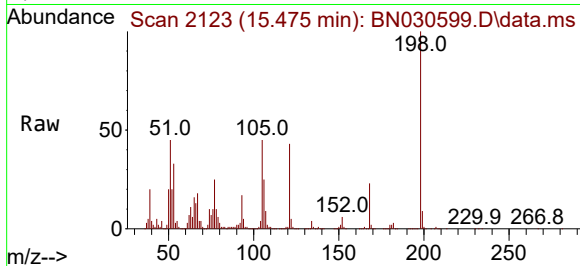




#66
4,6-Dinitro-2-methylphenol
Concen: 92.813 ng/ul
RT: 15.475 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

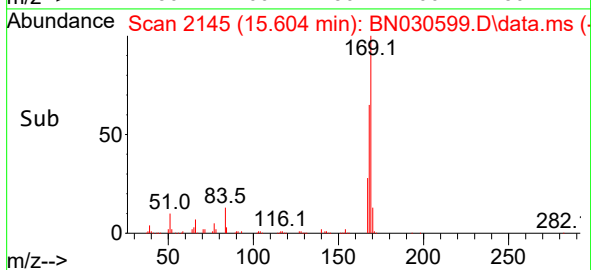
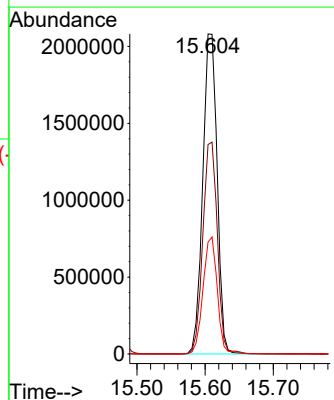
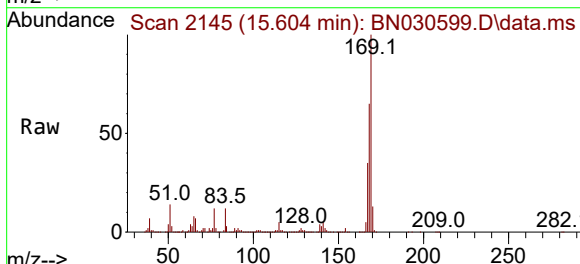
Instrument :
BNA_M
ClientSampleId :
SP

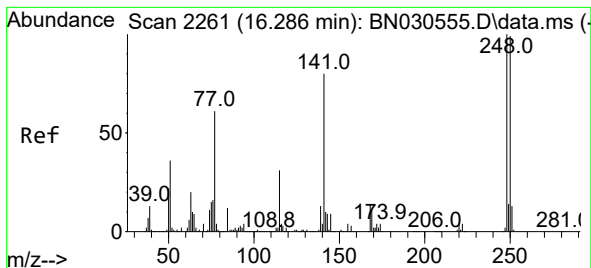
Tgt Ion:198 Resp: 619968
Ion Ratio Lower Upper
198 100
182 3.4 3.6 5.4#
77 24.9 22.2 33.4



#67
N-Nitrosodiphenylamine
Concen: 79.603 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:169 Resp: 3053225
Ion Ratio Lower Upper
169 100
168 65.5 51.9 77.9
167 35.0 29.0 43.4

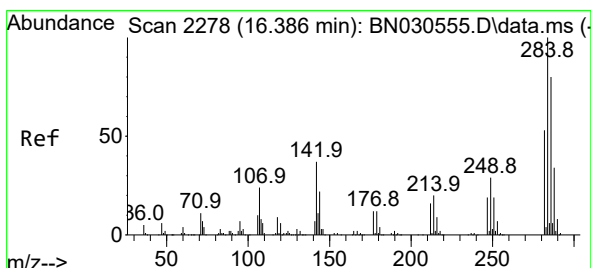
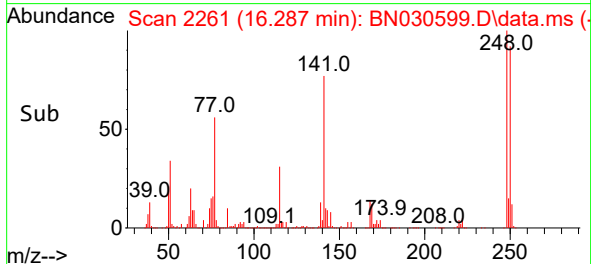
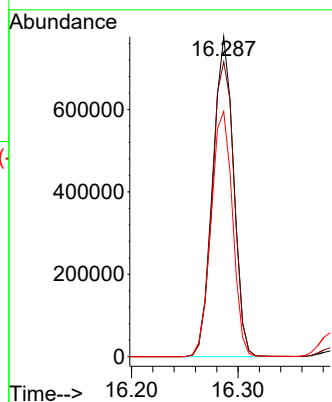
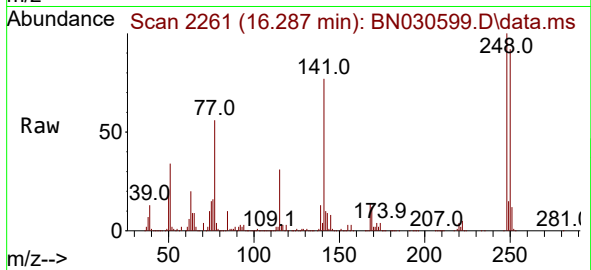




#68
4-Bromophenyl-phenylether
Concen: 79.037 ng/ul
RT: 16.287 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

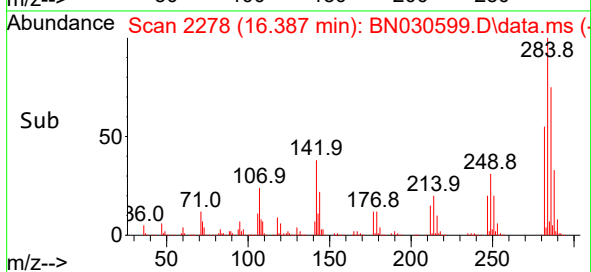
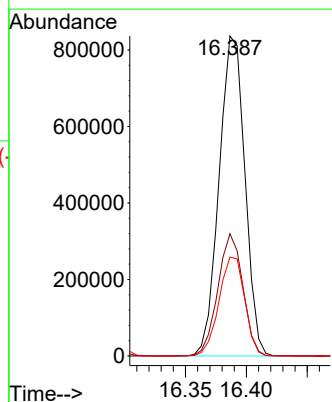
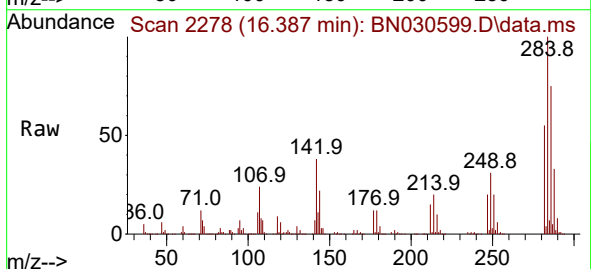
Instrument :
BNA_M
ClientSampleId :
SP

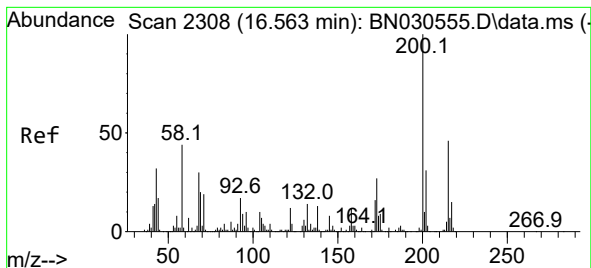
Tgt Ion:248 Resp: 1057037
Ion Ratio Lower Upper
248 100
250 92.1 80.0 120.0
141 76.6 60.5 90.7



#69
Hexachlorobenzene
Concen: 78.346 ng/ul
RT: 16.387 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:284 Resp: 1233808
Ion Ratio Lower Upper
284 100
142 38.2 28.6 43.0
249 30.9 25.0 37.4





#70

Atrazine

Concen: 86.157 ng/ul

RT: 16.569 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

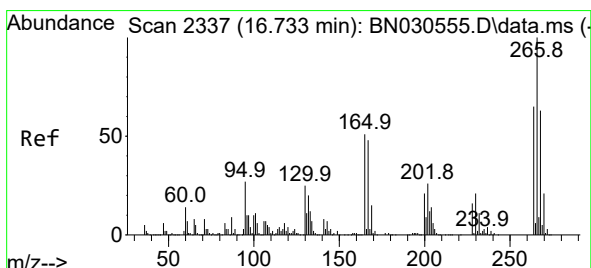
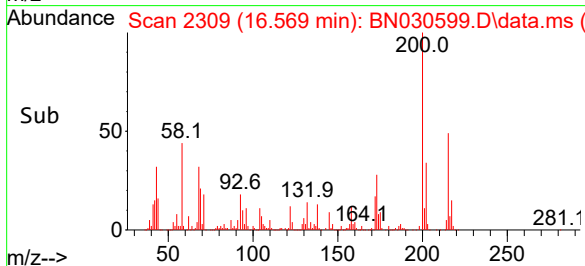
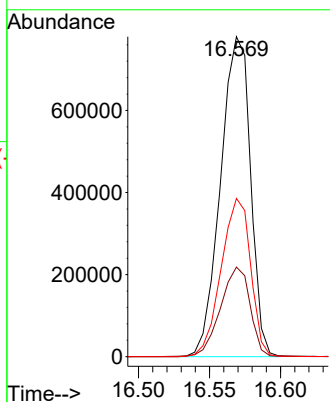
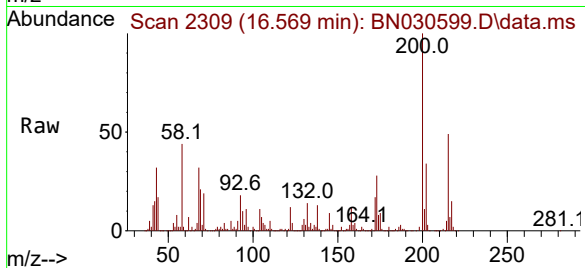
Tgt Ion:200 Resp: 1145407

Ion Ratio Lower Upper

200 100

173 28.0 21.5 32.3

215 49.4 37.8 56.8



#71

Pentachlorophenol

Concen: 91.478 ng/ul

RT: 16.734 min Scan# 2337

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

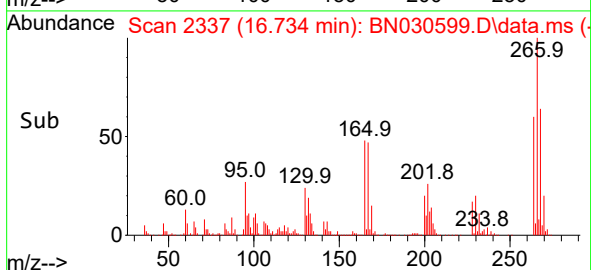
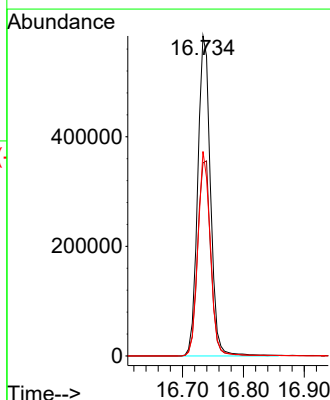
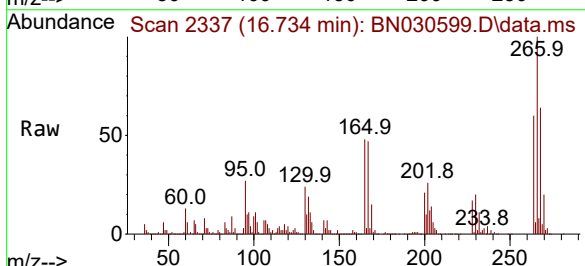
Tgt Ion:266 Resp: 849388

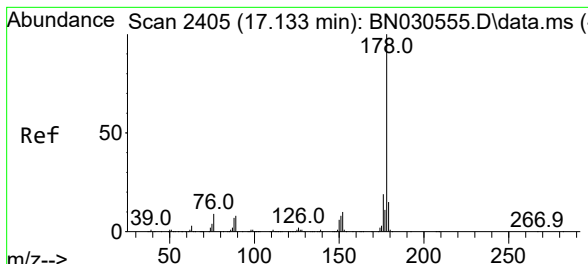
Ion Ratio Lower Upper

266 100

264 60.3 51.0 76.6

268 63.9 52.5 78.7



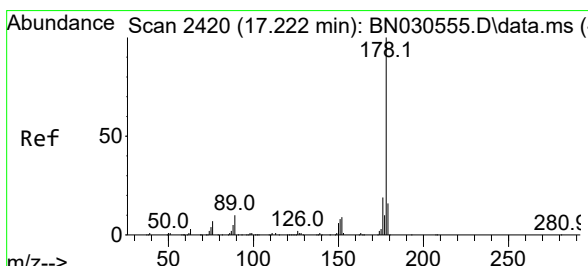
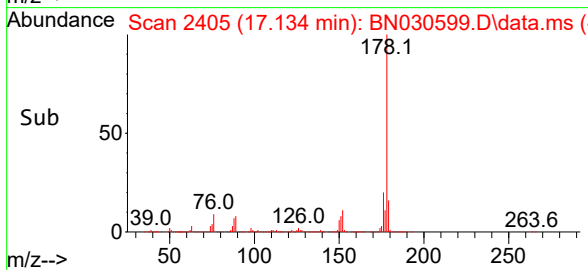
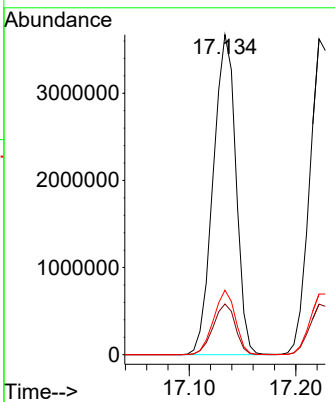
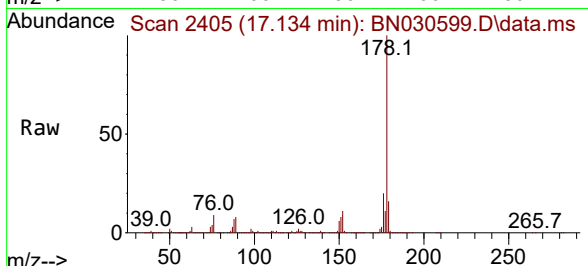


#72
 Phenanthrene
 Concen: 74.997 ng/ul
 RT: 17.134 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Instrument :
 BNA_M
 ClientSampleId :
 SP

Tgt Ion:178 Resp: 5426785

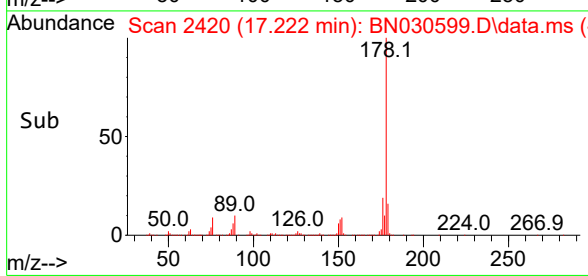
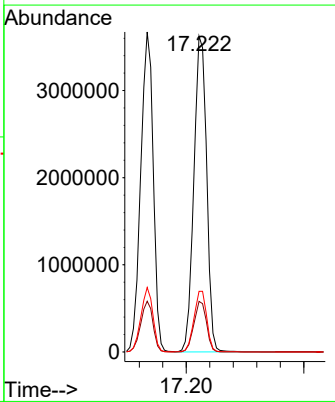
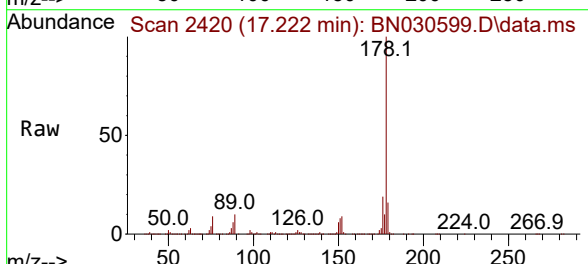
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	20.2	15.0	22.6

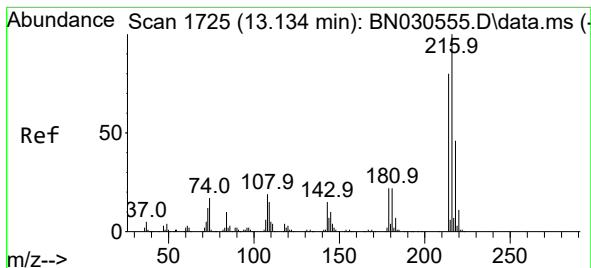


#74
 Anthracene
 Concen: 74.711 ng/ul
 RT: 17.222 min Scan# 2420
 Delta R.T. -0.000 min
 Lab File: BN030599.D
 Acq: 01 Apr 2024 21:37

Tgt Ion:178 Resp: 5465139

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.0	18.0
176	19.2	15.0	22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 86.234 ng/uL

RT: 13.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

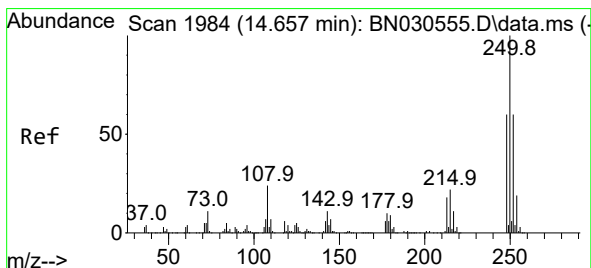
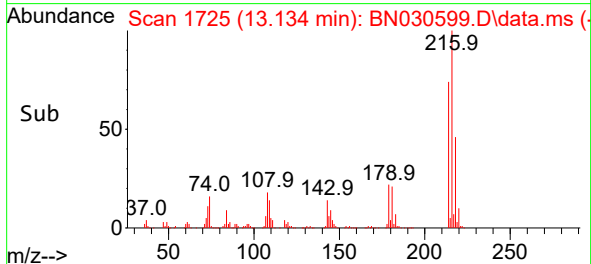
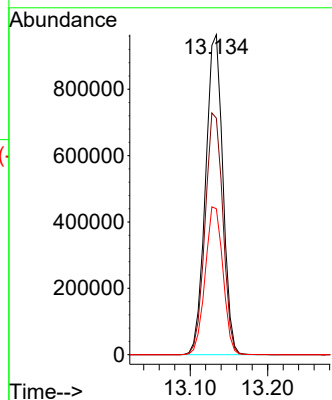
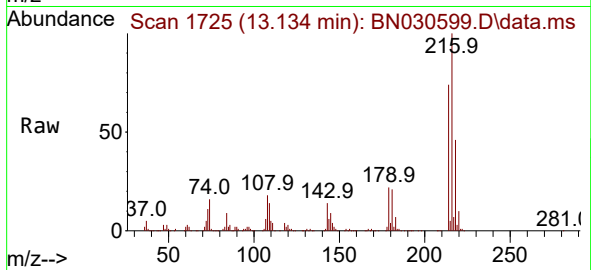
Tgt Ion:216 Resp: 1492094

Ion Ratio Lower Upper

216 100

214 73.9 63.1 94.7

218 45.6 39.5 59.3



#76

Pentachlorobenzene

Concen: 80.507 ng/uL

RT: 14.657 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

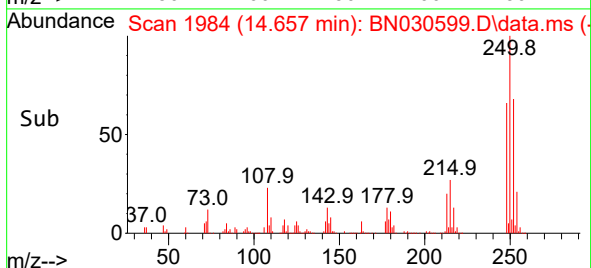
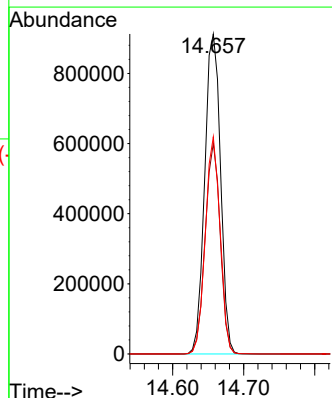
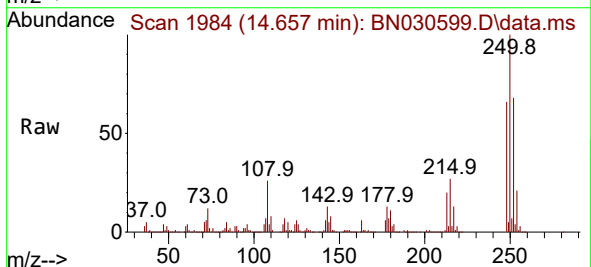
Tgt Ion:250 Resp: 1414908

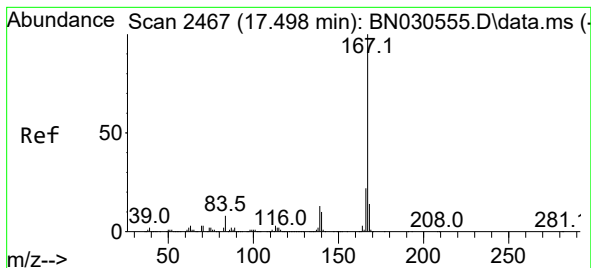
Ion Ratio Lower Upper

250 100

248 65.9 45.8 68.6

252 67.9 48.7 73.1





#77

Carbazole

Concen: 81.739 ng/ul

RT: 17.498 min Scan# 2467

Delta R.T. 0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

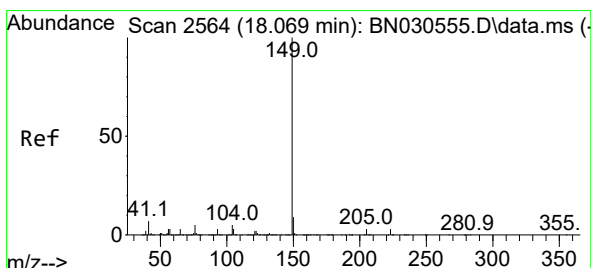
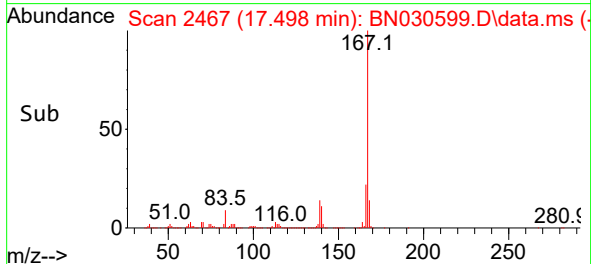
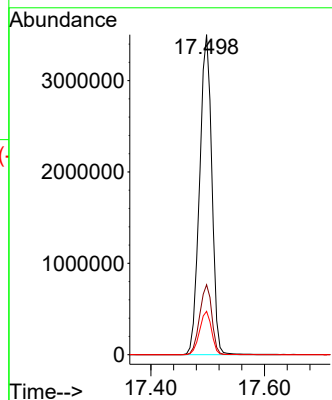
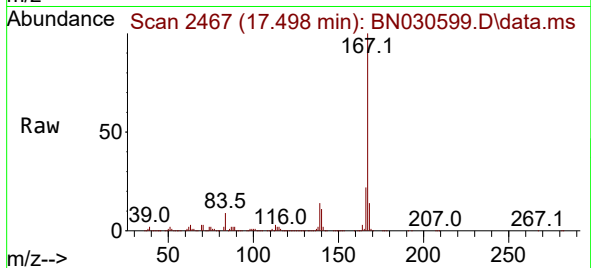
Tgt Ion:167 Resp: 5243561

Ion Ratio Lower Upper

167 100

166 21.8 16.6 24.8

139 13.6 10.5 15.7



#78

Di-n-butylphthalate

Concen: 81.230 ng/ul

RT: 18.069 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

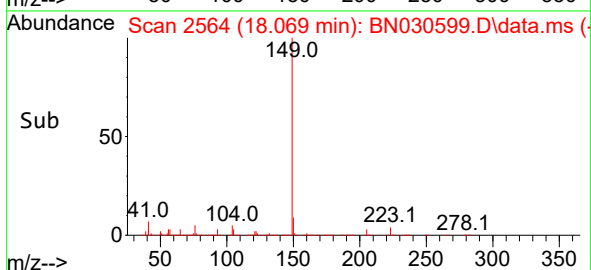
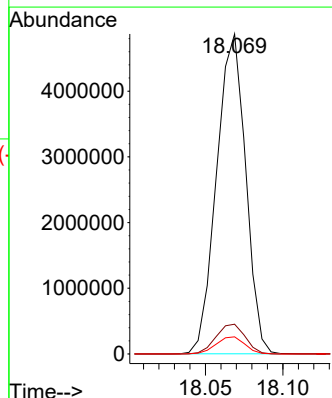
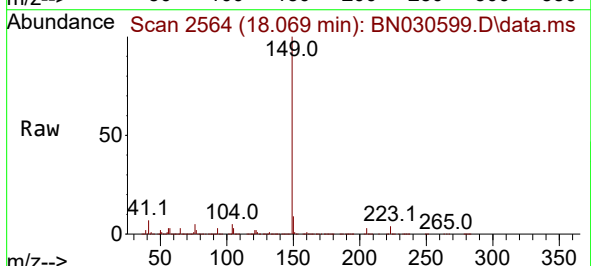
Tgt Ion:149 Resp: 6356948

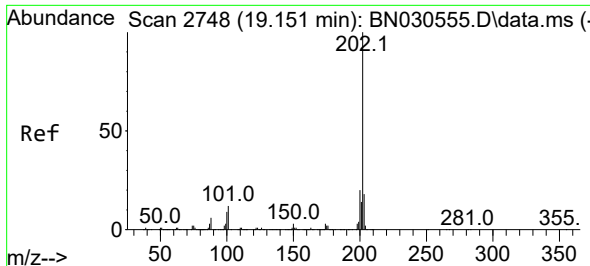
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.3 4.1 6.1

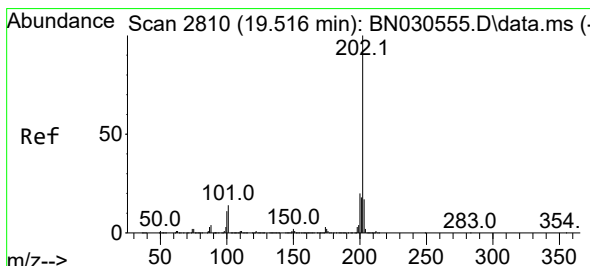
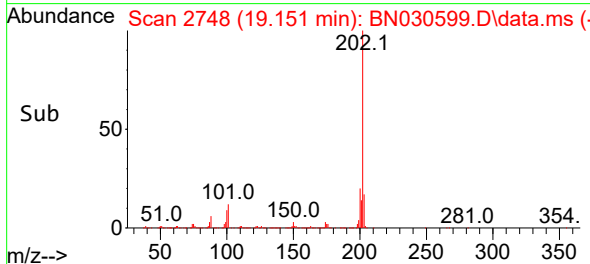
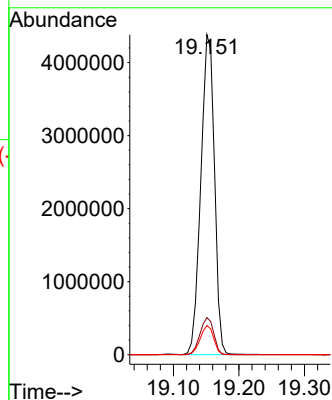
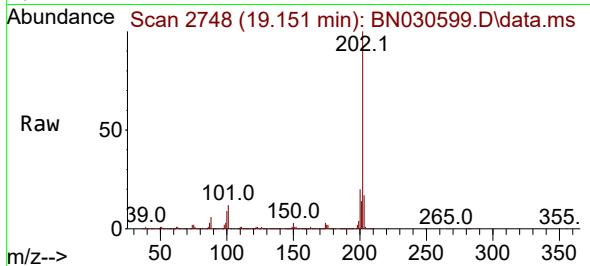




#80
Fluoranthene
Concen: 81.323 ng/ul
RT: 19.151 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

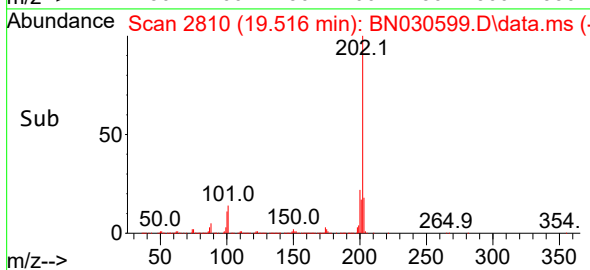
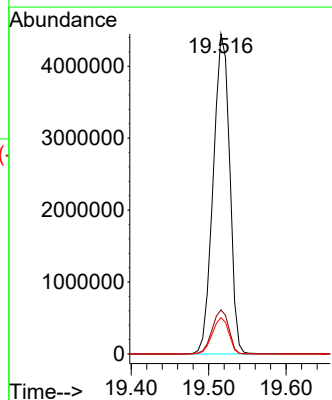
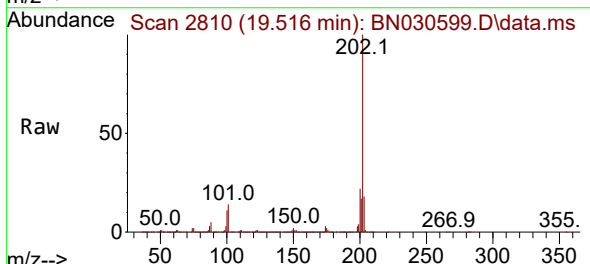
Instrument :
BNA_M
ClientSampleId :
SP

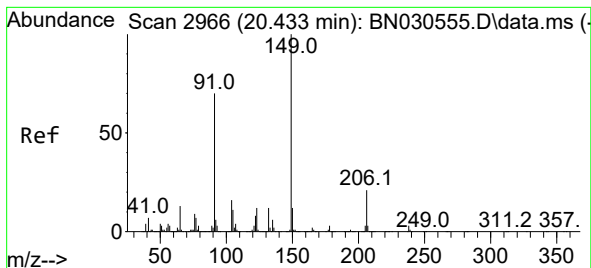
Tgt Ion:202 Resp: 6349254
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.6
100 9.1 6.8 10.2



#82
Pyrene
Concen: 79.589 ng/ul
RT: 19.516 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:202 Resp: 6562549
Ion Ratio Lower Upper
202 100
101 13.7 11.3 16.9
100 11.3 9.2 13.8





#83

Butylbenzylphthalate

Concen: 94.611 ng/ul

RT: 20.428 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

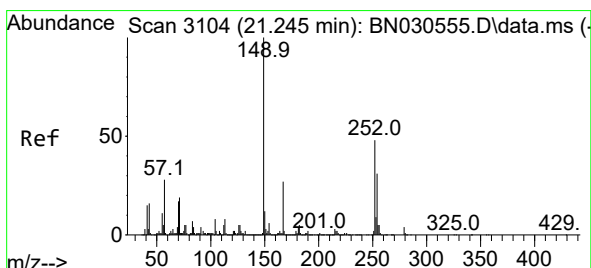
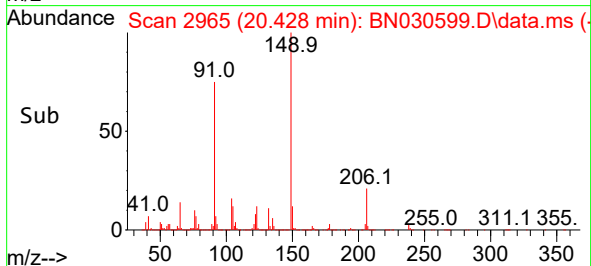
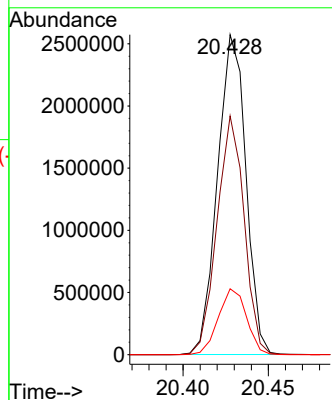
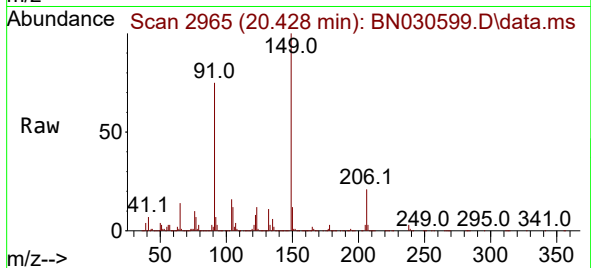
Tgt Ion:149 Resp: 2979199

Ion Ratio Lower Upper

149 100

91 74.6 58.2 87.2

206 20.6 15.4 23.0



#84

3,3'-Dichlorobenzidine

Concen: 89.148 ng/ul

RT: 21.239 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

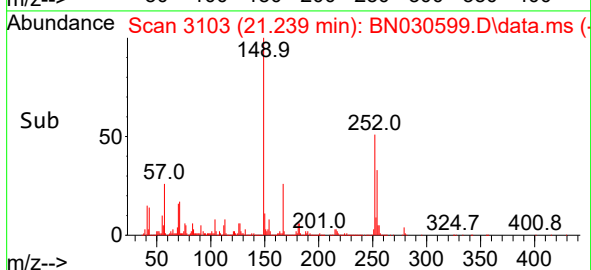
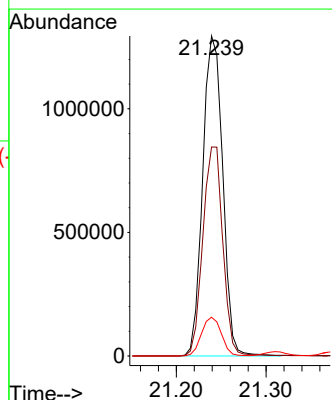
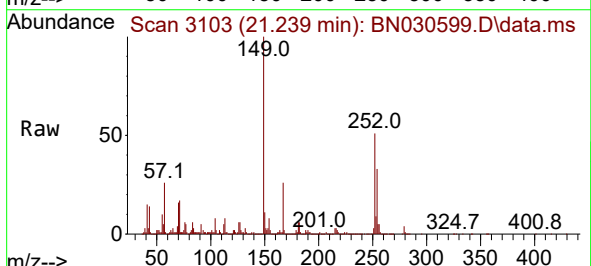
Tgt Ion:252 Resp: 2001057

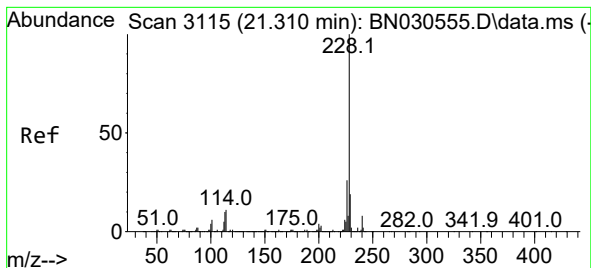
Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

126 12.1 9.3 13.9





#85

Benzo(a)anthracene

Concen: 79.634 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

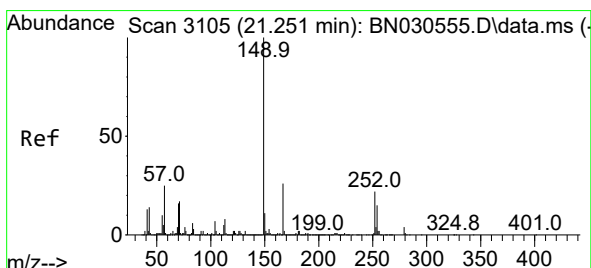
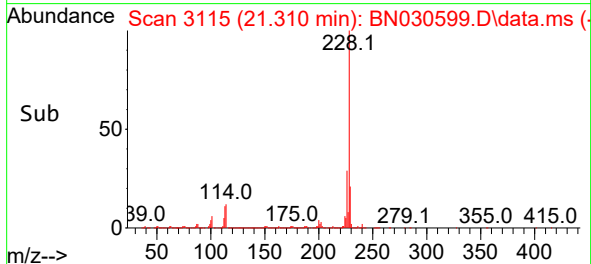
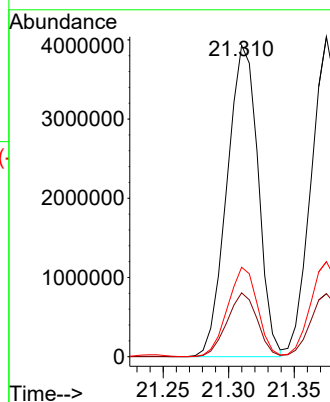
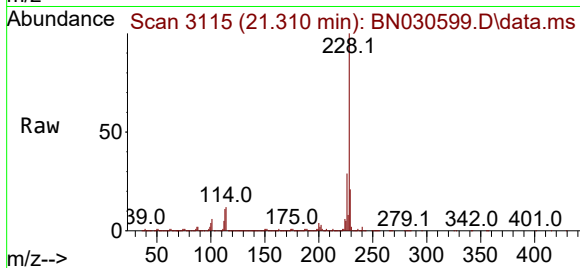
Tgt Ion:228 Resp: 6492366

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 28.7 20.5 30.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 82.915 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

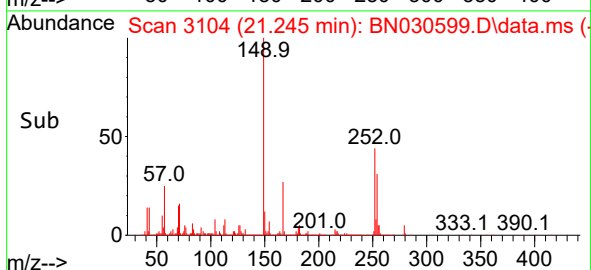
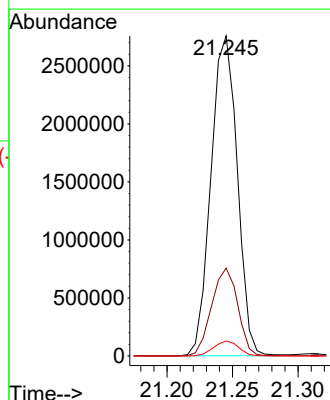
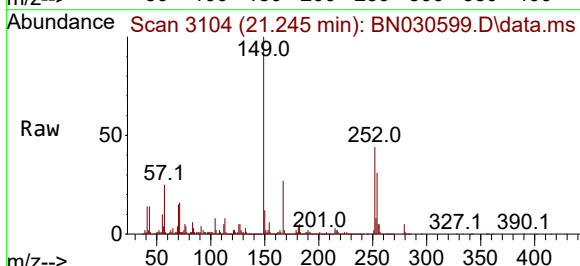
Tgt Ion:149 Resp: 3850345

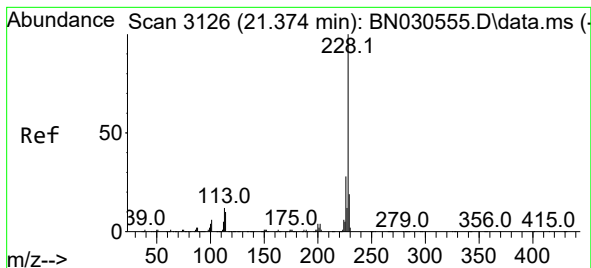
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.7 3.5 5.3





#87

Chrysene

Concen: 79.303 ng/ul

RT: 21.375 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

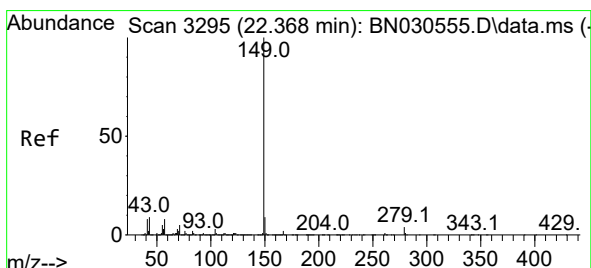
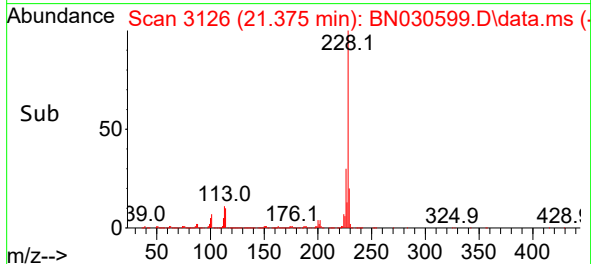
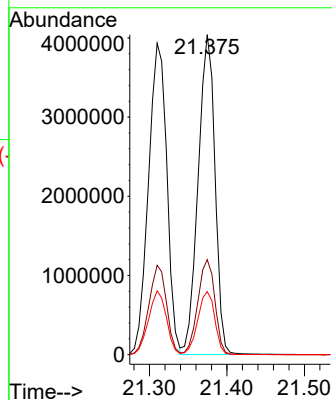
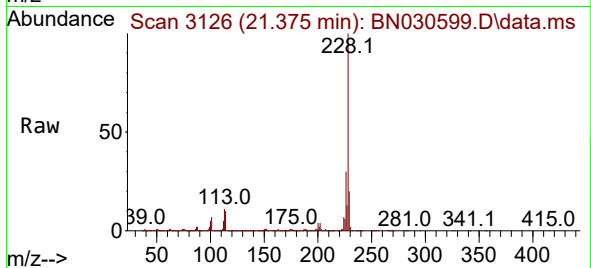
Tgt Ion:228 Resp: 6102503

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 19.7 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 93.122 ng/ul

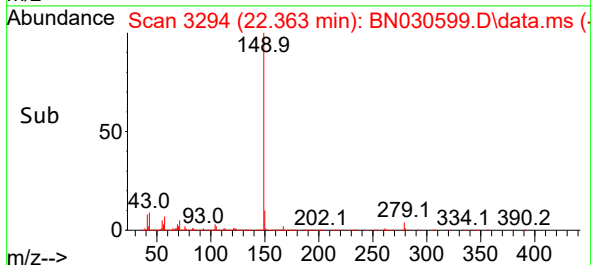
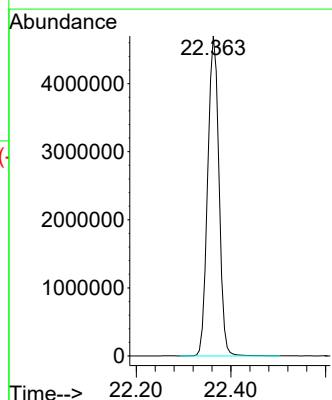
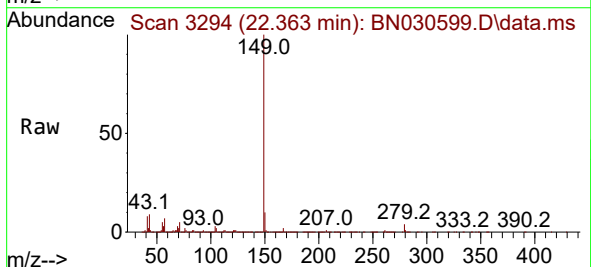
RT: 22.363 min Scan# 3294

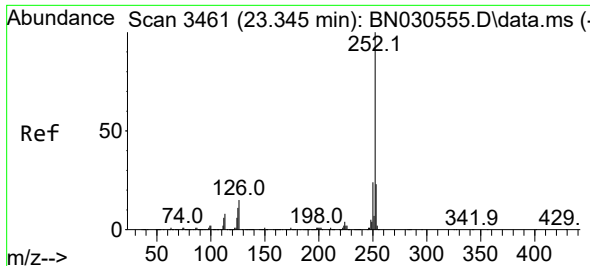
Delta R.T. -0.012 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Tgt Ion:149 Resp: 7737856

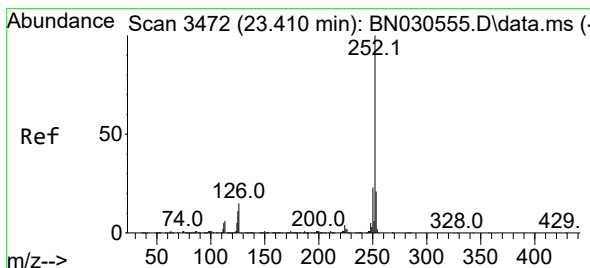
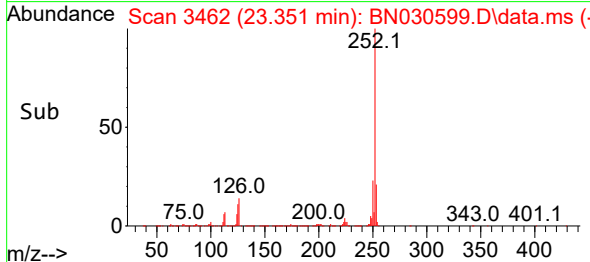
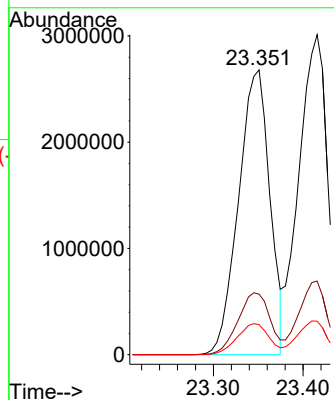
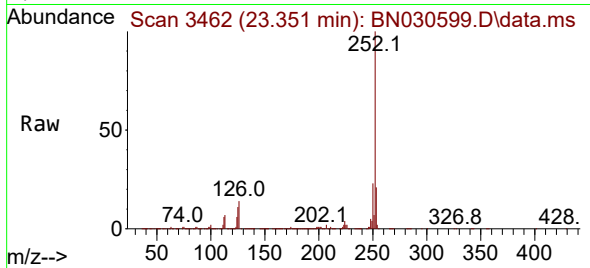




#90
Benzo(b)fluoranthene
Concen: 83.948 ng/ul
RT: 23.351 min Scan# 3461
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

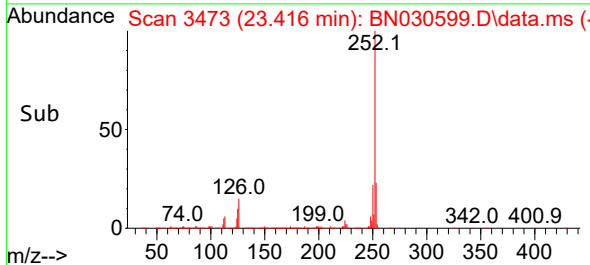
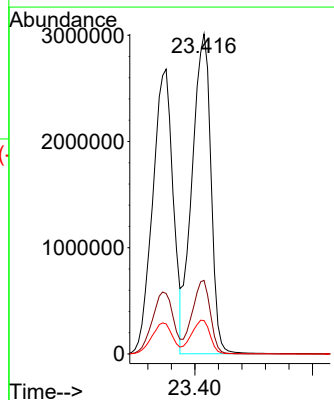
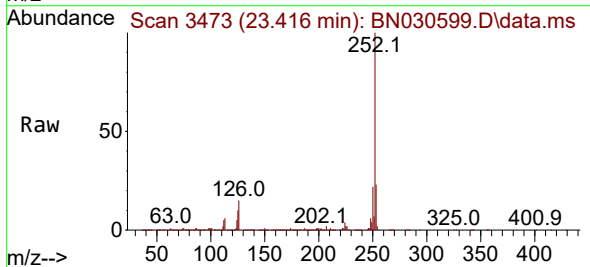
Instrument :
BNA_M
ClientSampleId :
SP

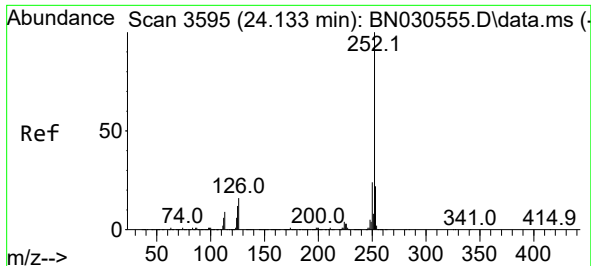
Tgt Ion:252 Resp: 6482517
Ion Ratio Lower Upper
252 100
253 21.2 16.7 25.1
125 10.6 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 85.366 ng/ul
RT: 23.416 min Scan# 3473
Delta R.T. 0.012 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:252 Resp: 6694618
Ion Ratio Lower Upper
252 100
253 23.0 16.9 25.3
125 10.4 8.5 12.7

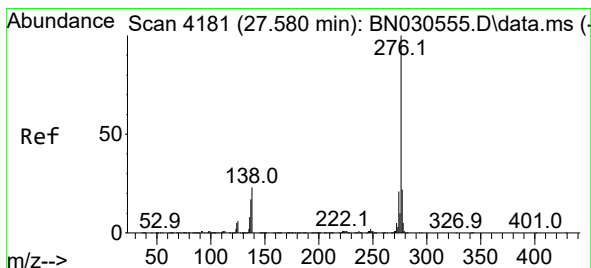
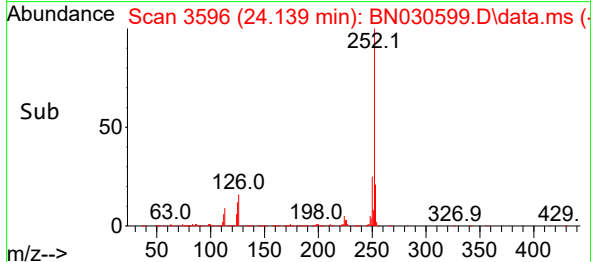
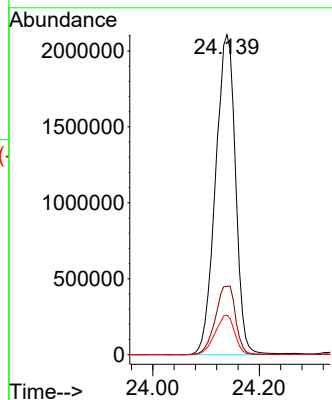
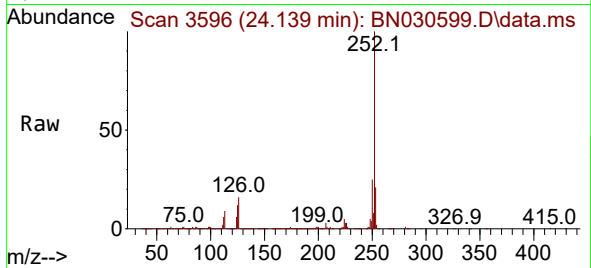




#93
Benzo(a)pyrene
Concen: 75.230 ng/ul
RT: 24.139 min Scan# 3596
Delta R.T. -0.000 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

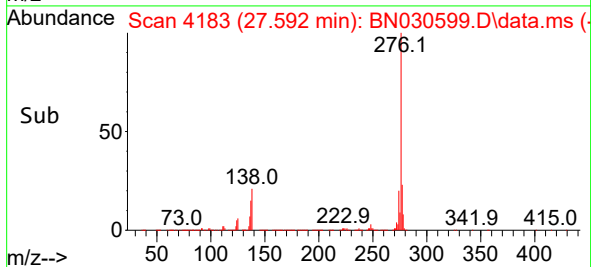
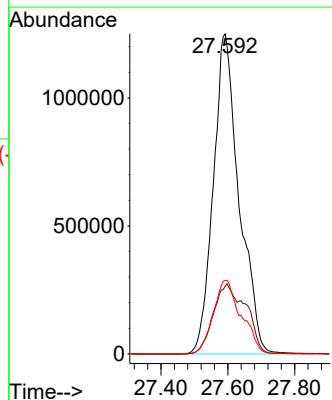
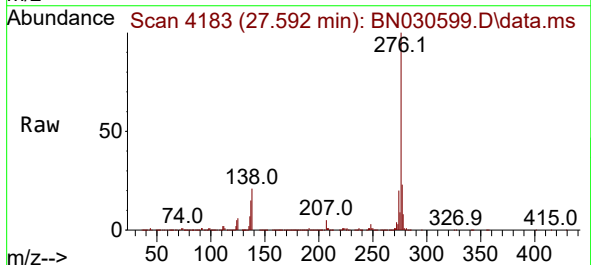
Instrument :
BNA_M
ClientSampleId :
SP

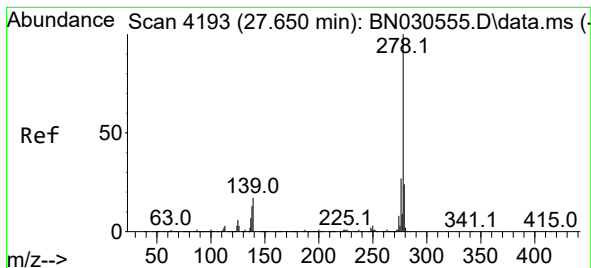
Tgt Ion:252 Resp: 5487759
Ion Ratio Lower Upper
252 100
253 21.4 16.7 25.1
125 12.4 9.6 14.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 84.854 ng/ul
RT: 27.592 min Scan# 4183
Delta R.T. 0.006 min
Lab File: BN030599.D
Acq: 01 Apr 2024 21:37

Tgt Ion:276 Resp: 6691037
Ion Ratio Lower Upper
276 100
138 21.2 17.8 26.8
277 23.0 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 83.661 ng/ul

RT: 27.662 min Scan# 4195

Delta R.T. 0.012 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SP

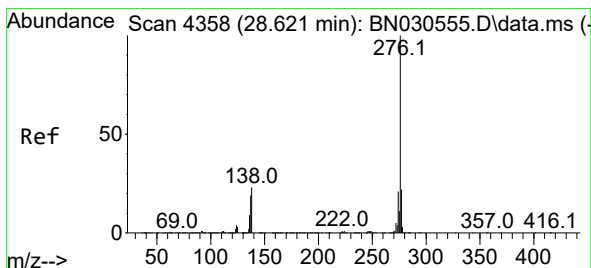
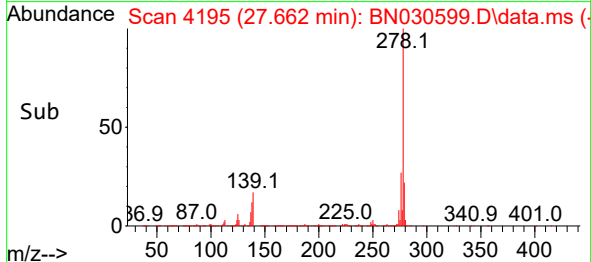
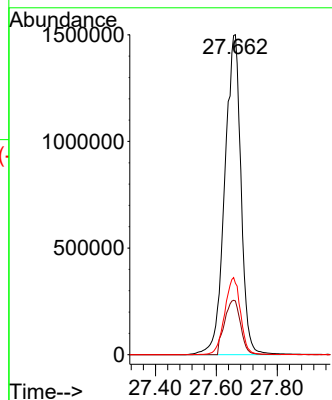
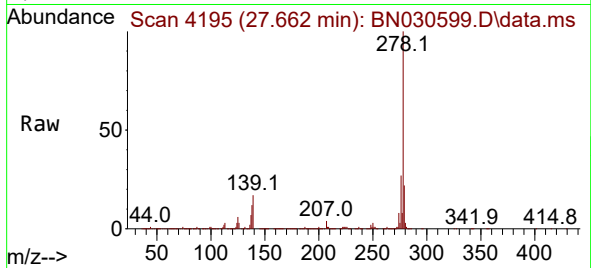
Tgt Ion:278 Resp: 5553654

Ion Ratio Lower Upper

278 100

139 16.8 13.2 19.8

279 22.4 17.4 26.2



#96

Benzo(g,h,i)perylene

Concen: 80.342 ng/ul

RT: 28.633 min Scan# 4360

Delta R.T. 0.018 min

Lab File: BN030599.D

Acq: 01 Apr 2024 21:37

Tgt Ion:276 Resp: 4973575

Ion Ratio Lower Upper

276 100

138 23.3 19.3 28.9

277 21.4 20.1 30.1

