

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN031016.D
 Acq On : 18 Apr 2024 19:54
 Operator : MA/JU
 Sample : P2020-03MS 10X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 22:43:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 22:24:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	152655	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	733205	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	520537	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1139414	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1166007	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1452088	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	17440	5.356	ng/uL	0.00
4) Pyridine-d5	3.558	84	140213	14.363	ng/u1	0.00
7) Phenol-d5	6.811	99	99041	8.020	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	314408	41.221	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	280355	29.927	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	193212	18.668	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	215474	42.365	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	176336	37.898	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	349482	34.309	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	579433	34.552	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	1516281	43.629	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1651879	41.339	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	54297	8.168	ng/u1	0.00
60) Fluorene-d10	15.281	176	1303509	42.861	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	155371	30.893	ng/u1	0.00
73) Anthracene-d10	17.134	188	2137797	43.546	ng/u1	0.00
81) Pyrene-d10	19.433	212	2689481	42.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	3194113	47.738	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	19067	5.467	ng/uL	97
5) Pyridine	3.575	79	147442	14.968	ng/u1	99
6) Benzaldehyde	6.787	77	333562	58.002	ng/u1	97
8) Phenol	6.840	94	114234	8.880	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	424587	40.473	ng/u1	97
12) 2-Chlorophenol	7.205	128	302521	30.103	ng/u1	96
13) 2-Methylphenol	8.081	108	224160	22.612	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.158	45	579953	39.261	ng/u1	99
16) Acetophenone	8.458	105	708733	43.372	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	342657	41.634	ng/u1	97
18) 4-Methylphenol	8.405	108	224953	20.270	ng/u1	99
19) Hexachloroethane	8.705	117	165570	39.297	ng/u1	99
22) Nitrobenzene	8.834	77	512055	41.241	ng/u1	98
23) Isophorone	9.357	82	1014909	40.988	ng/u1	99
25) 2-Nitrophenol	9.540	139	205173	37.520	ng/u1	98
26) 2,4-Dimethylphenol	9.605	107	332190	27.332	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.846	93	626620	39.802	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	365375	35.141	ng/u1	95
30) Naphthalene	10.469	128	1501668	39.933	ng/u1	99
32) 4-Chloroaniline	10.587	127	549964	34.029	ng/u1	99
33) Hexachlorobutadiene	10.746	225	241806	36.948	ng/u1	96
34) Caprolactam	11.375	113	24160	6.220	ng/u1	94
35) 4-Chloro-3-methylphenol	11.710	107	383584	32.755	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	1086907	41.387	ng/u1	100

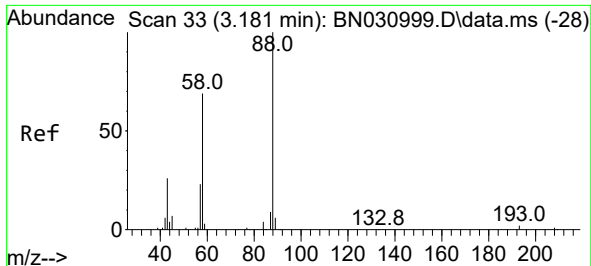
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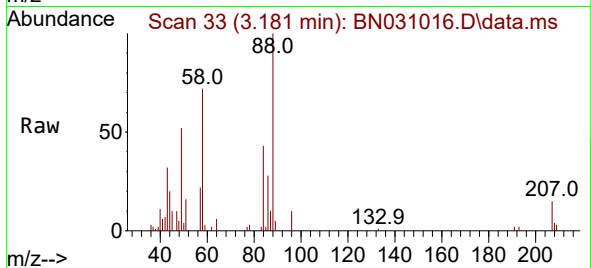
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	1100442	41.278	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	540111	40.206	ng/ul	96
40) Hexachlorocyclopentadiene	12.434	237	205461	26.932	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	311707	37.132	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	354510	37.395	ng/ul	95
43) 1,1'-Biphenyl	13.116	154	1423952	40.134	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	1120893	40.132	ng/ul	99
45) 2-Nitroaniline	13.369	65	356643	47.982	ng/ul	98
47) Dimethylphthalate	13.751	163	1517502	42.269	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	316838	47.600	ng/ul	95
50) Acenaphthylene	14.004	152	1881729	40.757	ng/ul	99
51) 3-Nitroaniline	14.204	138	356276	50.428	ng/ul	99
52) Acenaphthene	14.351	153	1223943	39.780	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	46653	15.260	ng/ul#	85
55) 4-Nitrophenol	14.510	109	47515	9.022	ng/ul	94
56) Dibenzofuran	14.687	168	1765925	41.290	ng/ul	100
57) 2,4-Dinitrotoluene	14.663	165	485498	49.959	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	304943	38.731	ng/ul	95
59) Diethylphthalate	15.122	149	1641620	45.011	ng/ul	100
61) Fluorene	15.340	166	1430886	42.091	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.334	204	655242	39.287	ng/ul	97
63) 4-Nitroaniline	15.369	138	377110	54.904	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.422	198	170866	31.619	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	1351857	43.566	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	453266	41.893	ng/ul	97
69) Hexachlorobenzene	16.334	284	526272	41.307	ng/ul	95
70) Atrazine	16.510	200	482597	44.871	ng/ul	98
71) Pentachlorophenol	16.681	266	257828	34.323	ng/ul	97
72) Phenanthrene	17.075	178	2559960	43.730	ng/ul	99
74) Anthracene	17.169	178	2523495	42.642	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	548527	39.186	ng/ul	95
76) Pentachlorobenzene	14.598	250	550330	38.706	ng/ul	94
77) Carbazole	17.445	167	2554670	49.225	ng/ul	99
78) Di-n-butylphthalate	18.010	149	3132634	49.479	ng/ul	100
80) Fluoranthene	19.098	202	3161837	42.428	ng/ul	97
82) Pyrene	19.463	202	3346054	42.515	ng/ul	99
83) Butylbenzylphthalate	20.380	149	1534699	51.062	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.186	252	962951	44.945	ng/ul	91
85) Benzo(a)anthracene	21.257	228	3532568	45.396	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	2132971	48.123	ng/ul	98
87) Chrysene	21.316	228	3328219	45.313	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	4109570	44.690	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	3794362	44.401	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	3949217	45.504	ng/ul	99
93) Benzo(a)pyrene	24.039	252	3396438	42.073	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.439	276	4840062	55.464	ng/ul	100
95) Dibenzo(a,h)anthracene	27.498	278	3895941	53.033	ng/ul	95
96) Benzo(g,h,i)perylene	28.451	276	2465126	35.983	ng/ul	95

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

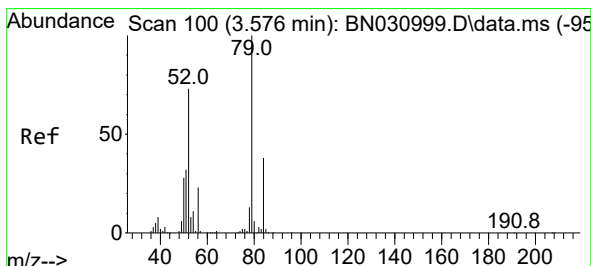
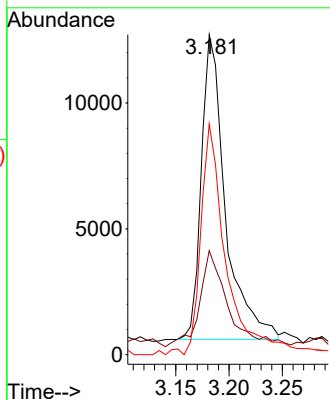
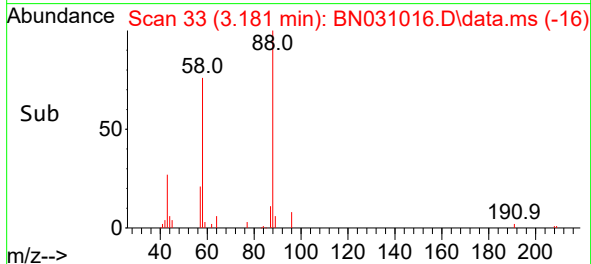


#2
 1,4-Dioxane
 Concen: 5.467 ng/uL
 RT: 3.181 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Instrument :
 BNA_M
 ClientSampleId :

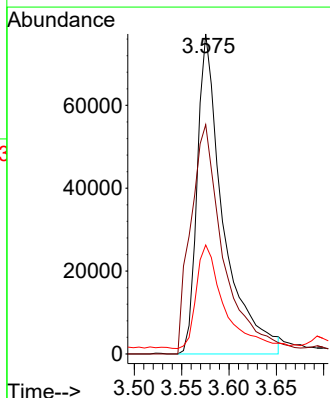
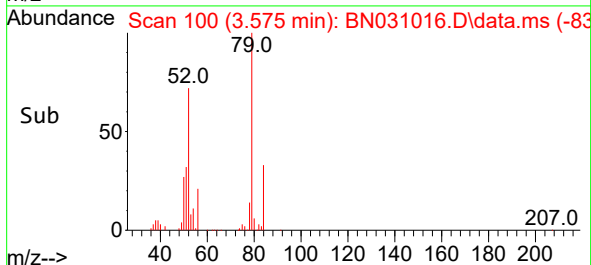
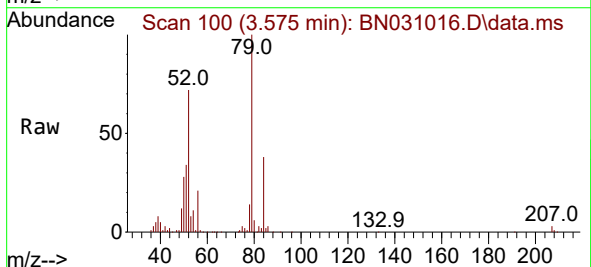


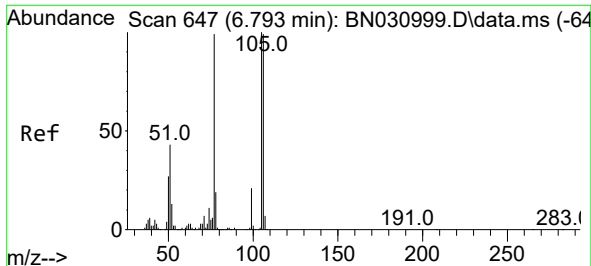
Tgt Ion: 88 Resp: 19067
 Ion Ratio Lower Upper
 88 100
 43 32.5 23.8 35.8
 58 72.1 56.6 84.8



#5
 Pyridine
 Concen: 14.968 ng/uL
 RT: 3.575 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

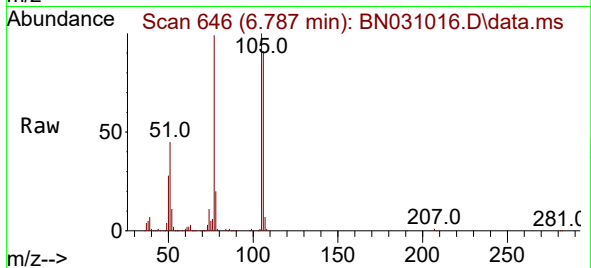
Tgt Ion: 79 Resp: 147442
 Ion Ratio Lower Upper
 79 100
 52 71.7 56.2 84.4
 51 34.1 27.0 40.4



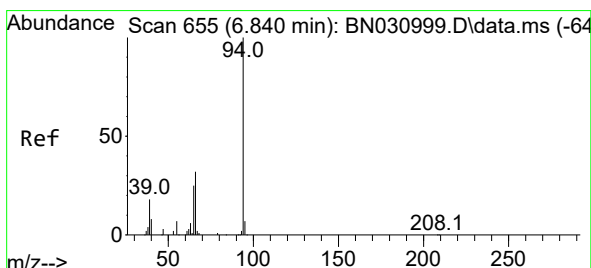
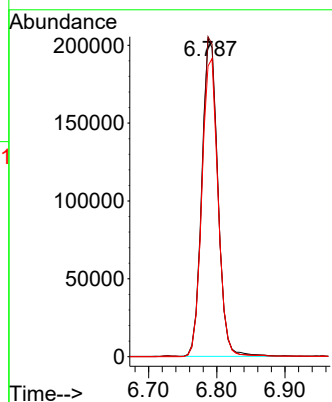
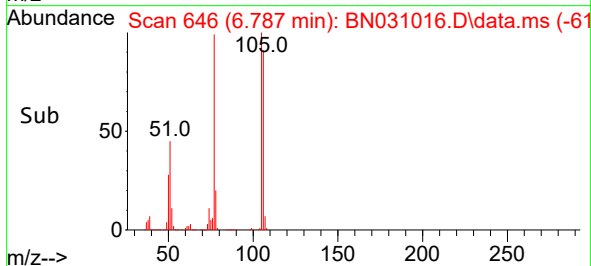


#6
Benzaldehyde
Concen: 58.002 ng/ul
RT: 6.787 min Scan# 647
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Instrument :
BNA_M
ClientSampleId :

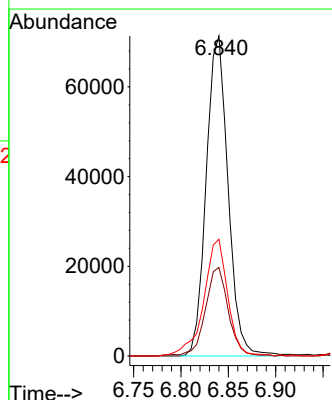
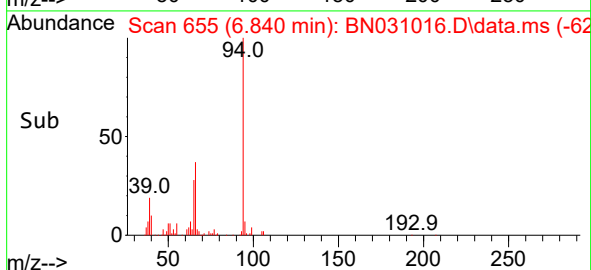
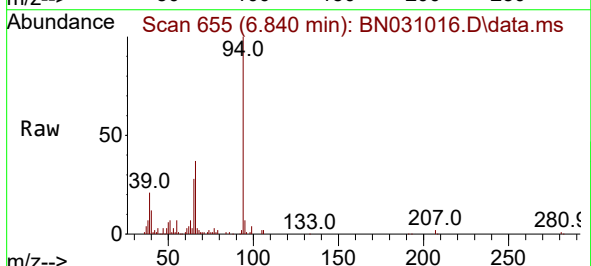


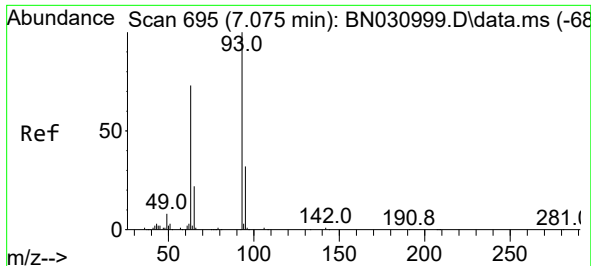
Tgt Ion: 77 Resp: 333562
Ion Ratio Lower Upper
77 100
105 100.7 78.1 117.1
106 91.4 75.6 113.4



#8
Phenol
Concen: 8.880 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

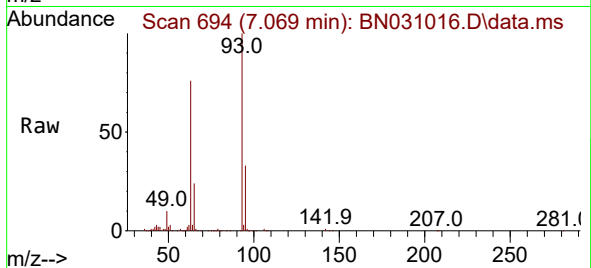
Tgt Ion: 94 Resp: 114234
Ion Ratio Lower Upper
94 100
65 27.6 21.4 32.0
66 36.5 28.5 42.7



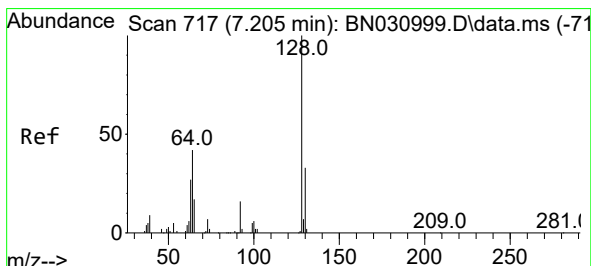
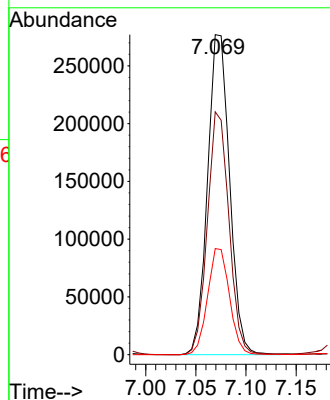
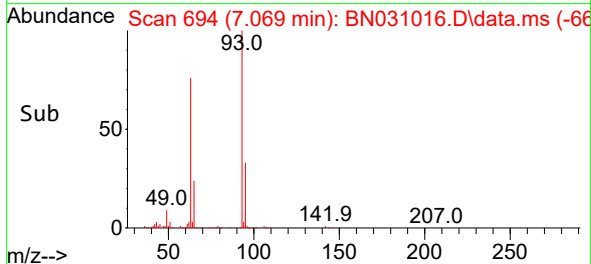


#10
Bis(2-Chloroethyl)ether
Concen: 40.473 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

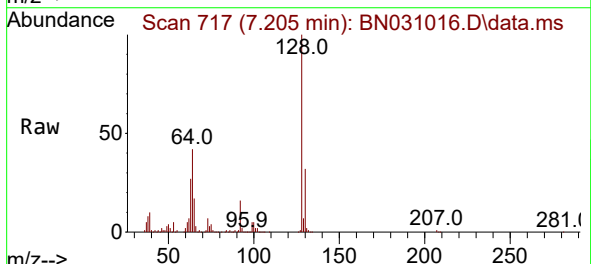
Instrument :
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ClientSampleId :



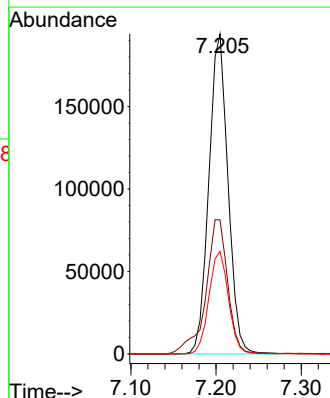
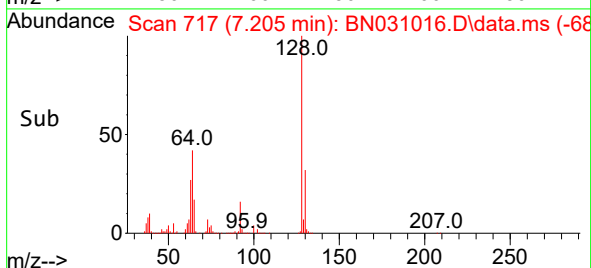
Tgt Ion: 93 Resp: 424587
Ion Ratio Lower Upper
93 100
63 75.9 58.2 87.4
95 33.1 26.0 39.0

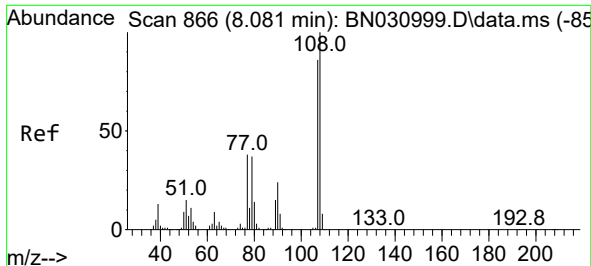


#12
2-Chlorophenol
Concen: 30.103 ng/ul
RT: 7.205 min Scan# 717
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54



Tgt Ion: 128 Resp: 302521
Ion Ratio Lower Upper
128 100
64 41.9 37.0 55.4
130 32.0 26.3 39.5

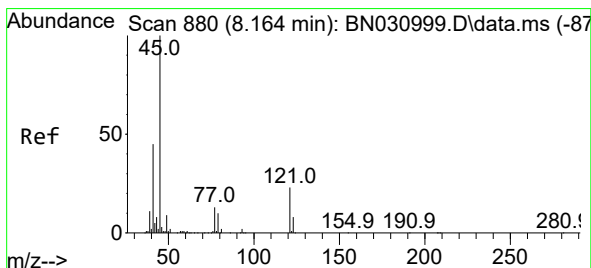
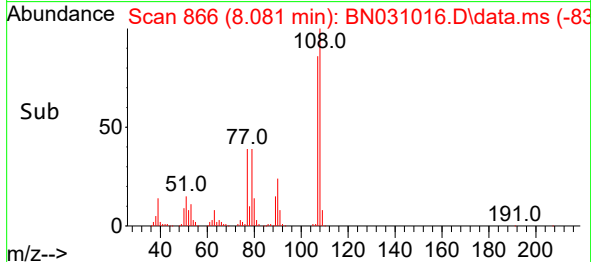
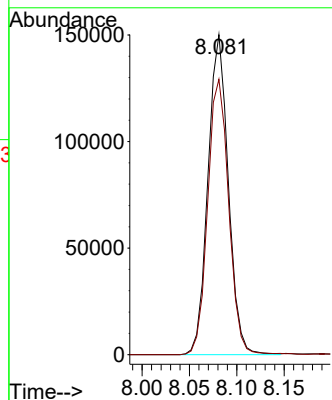
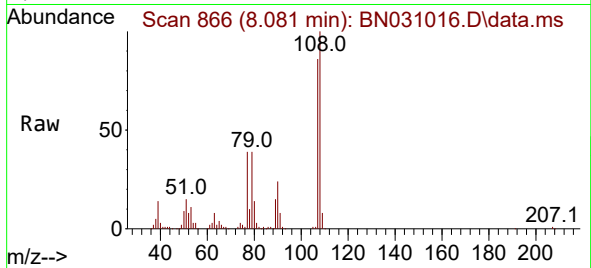




#13
2-Methylphenol
Concen: 22.612 ng/ul
RT: 8.081 min Scan# 80
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

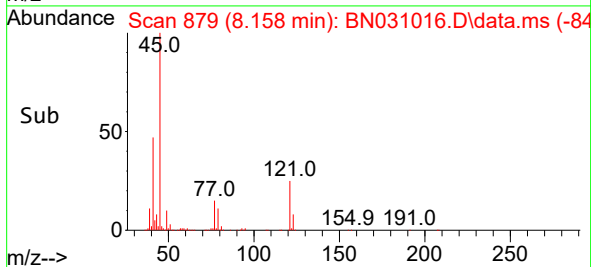
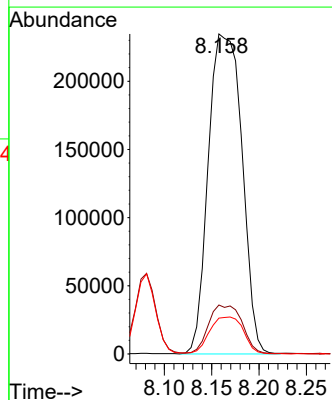
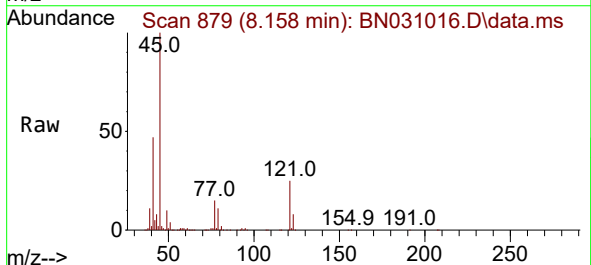
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BNA_M
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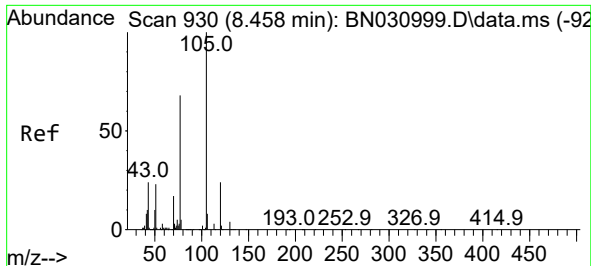
Tgt Ion:108 Resp: 224160
Ion Ratio Lower Upper
108 100
107 86.1 71.8 107.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.261 ng/ul
RT: 8.158 min Scan# 879
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

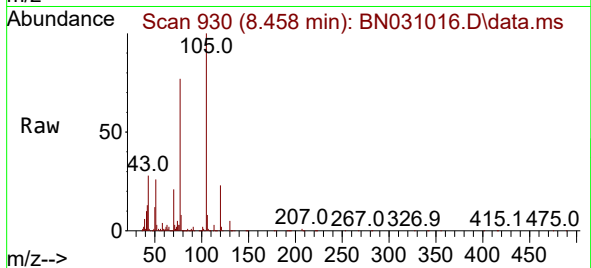
Tgt Ion: 45 Resp: 579953
Ion Ratio Lower Upper
45 100
77 15.3 12.1 18.1
79 11.2 8.6 13.0



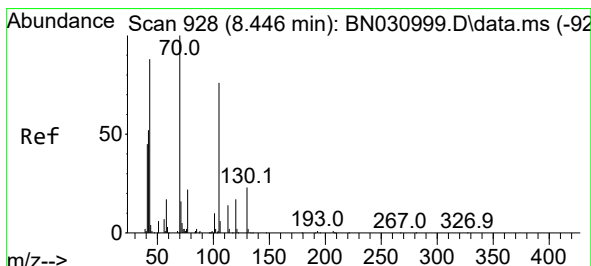
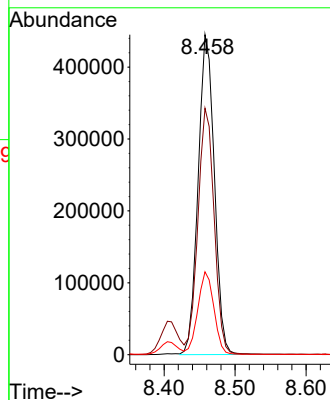
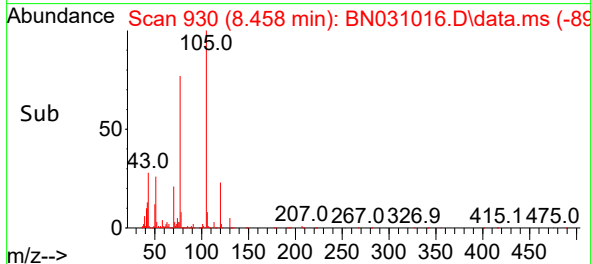


#16
Acetophenone
Concen: 43.372 ng/ul
RT: 8.458 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

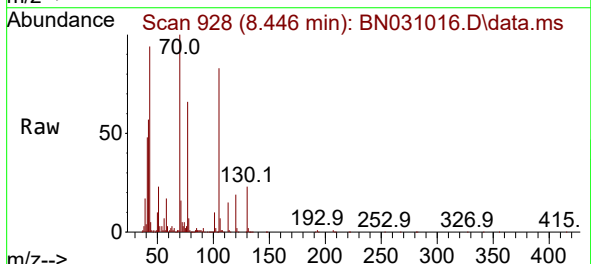
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BNA_M
ClientSampleId :



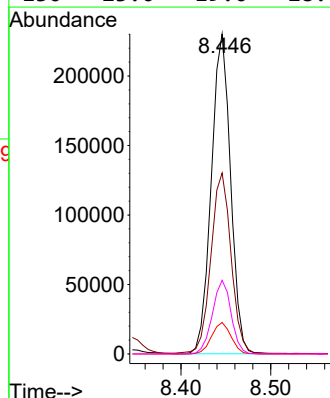
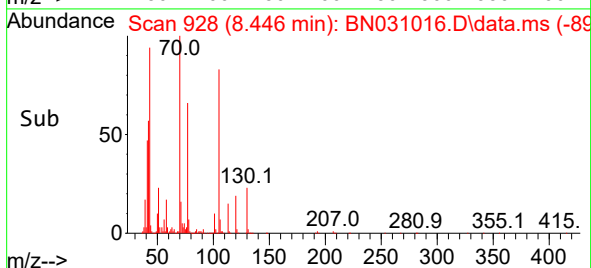
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Ion Ratio Lower Upper
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51 25.9 21.0 31.4

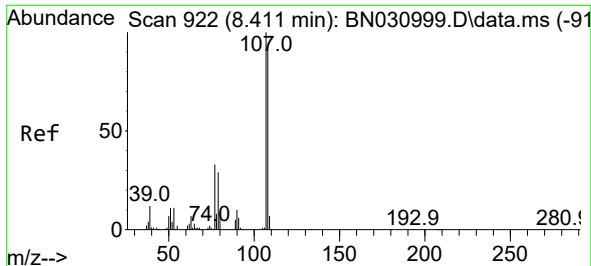


#17
N-Nitroso-di-n-propylamine
Concen: 41.634 ng/ul
RT: 8.446 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54



Tgt Ion: 70 Resp: 342657
Ion Ratio Lower Upper
70 100
42 56.5 47.4 71.0
101 9.8 7.9 11.9
130 23.0 19.0 28.4





#18

4-Methylphenol

Concen: 20.270 ng/ul

RT: 8.405 min Scan# 91

Delta R.T. -0.006 min

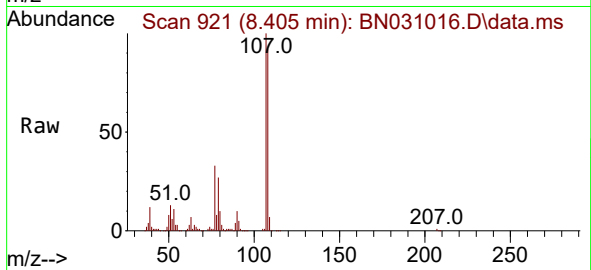
Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

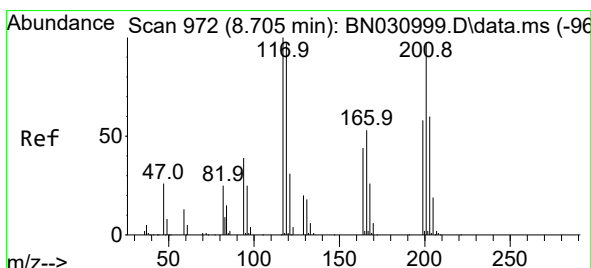
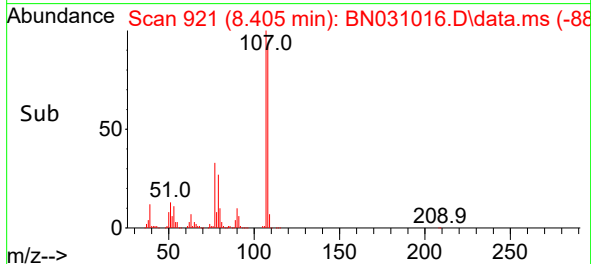
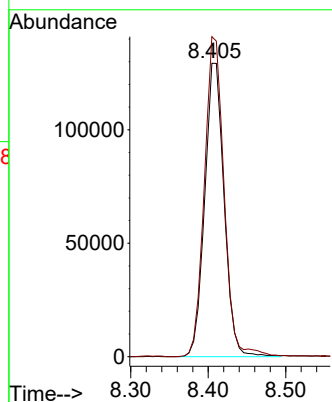


Tgt Ion:108 Resp: 224953

Ion Ratio Lower Upper

108 100

107 109.0 88.1 132.1



#19

Hexachloroethane

Concen: 39.297 ng/ul

RT: 8.705 min Scan# 972

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

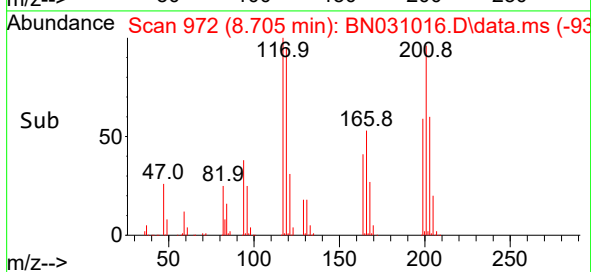
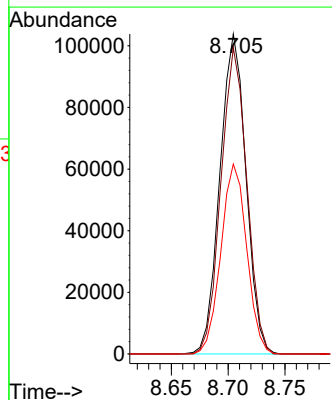
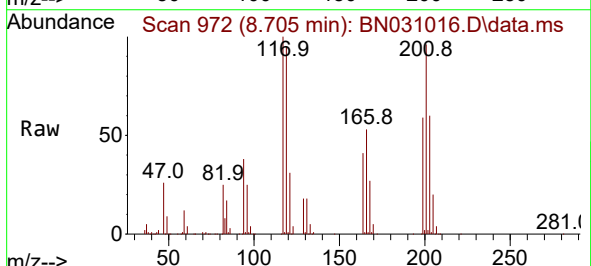
Tgt Ion:117 Resp: 165570

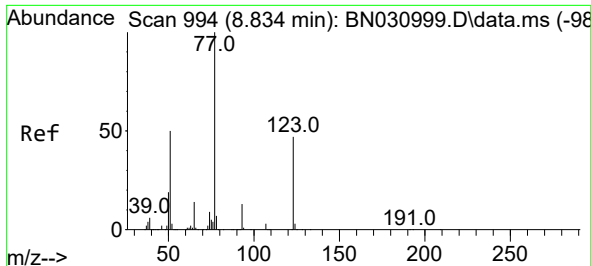
Ion Ratio Lower Upper

117 100

201 95.6 76.5 114.7

199 59.3 48.5 72.7





#22

Nitrobenzene

Concen: 41.241 ng/ul

RT: 8.834 min Scan# 994

Delta R.T. -0.006 min

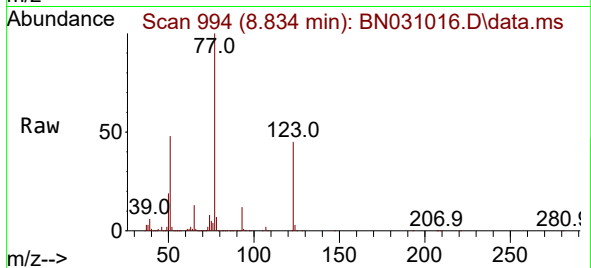
Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

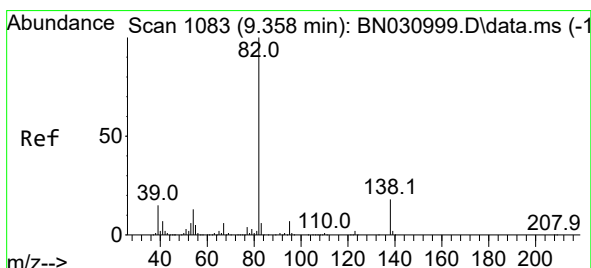
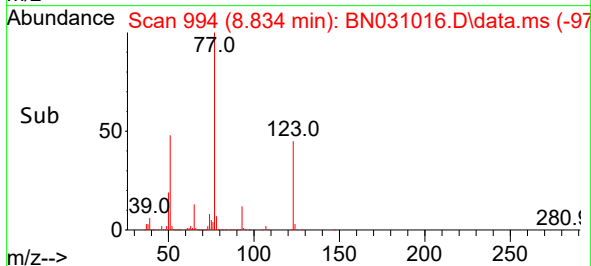
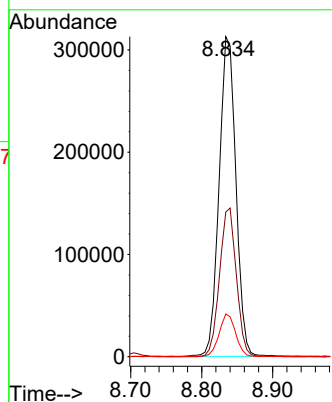
Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 77	Resp: 512055
Ion Ratio	Lower Upper
77 100	
123 45.2	37.5 56.3
65 13.4	10.6 15.8



#23

Isophorone

Concen: 40.988 ng/ul

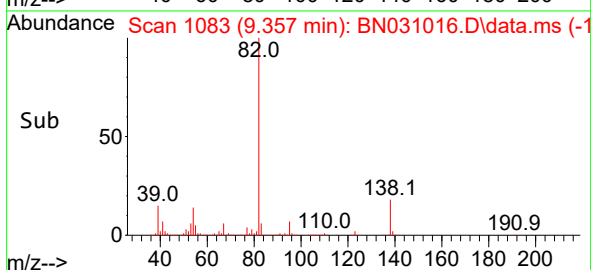
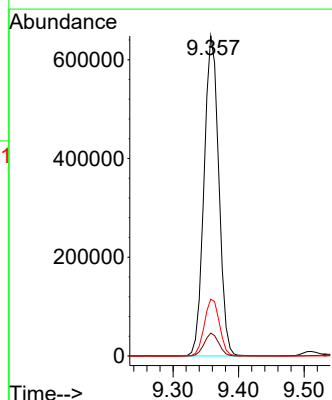
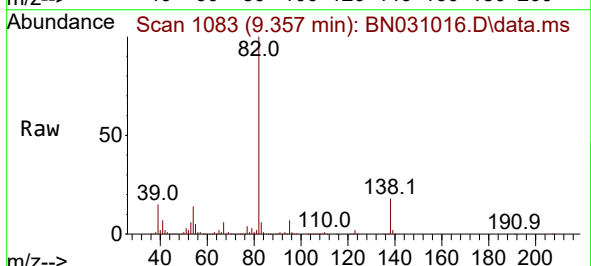
RT: 9.357 min Scan# 1083

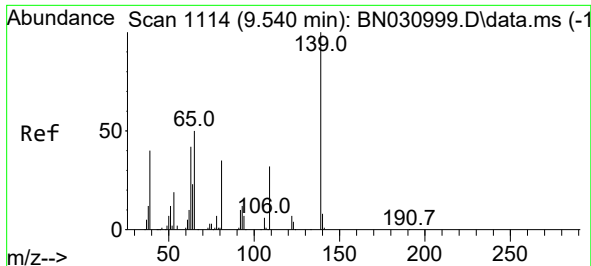
Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Tgt Ion: 82	Resp: 1014909
Ion Ratio	Lower Upper
82 100	
95 7.2	5.7 8.5
138 17.7	14.6 21.8





#25

2-Nitrophenol

Concen: 37.520 ng/ul

RT: 9.540 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

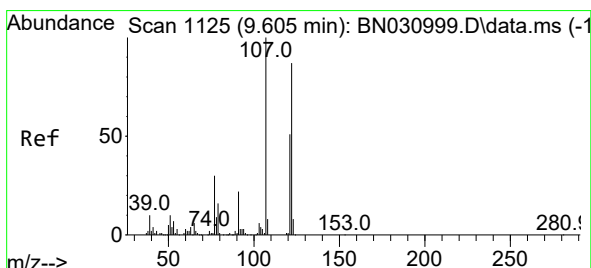
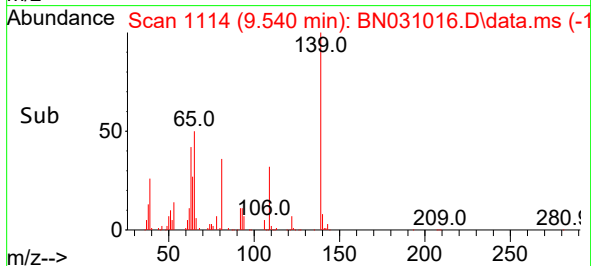
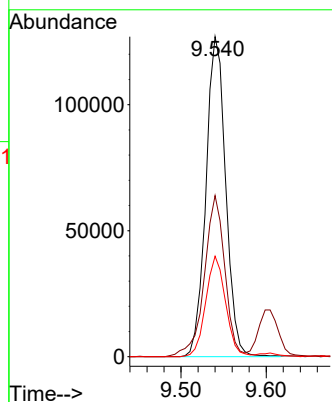
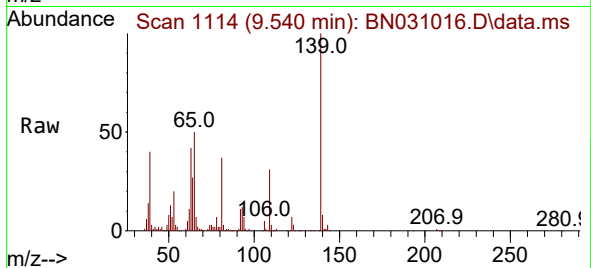
Tgt Ion:139 Resp: 205173

Ion Ratio Lower Upper

139 100

65 50.3 39.5 59.3

109 31.4 23.8 35.8



#26

2,4-Dimethylphenol

Concen: 27.332 ng/ul

RT: 9.605 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

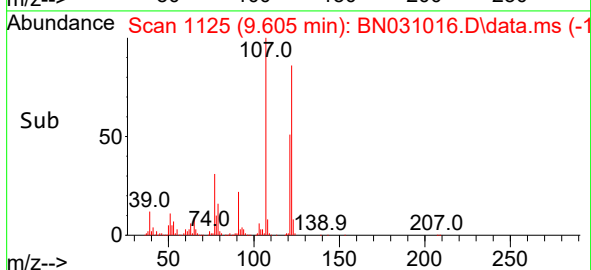
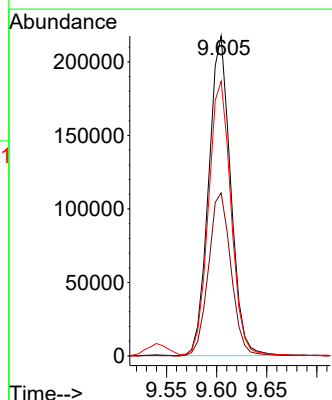
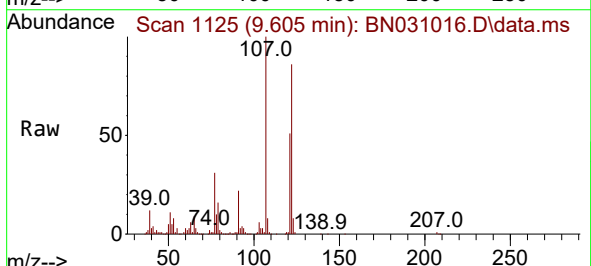
Tgt Ion:107 Resp: 332190

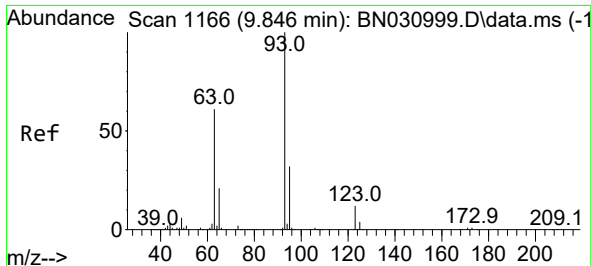
Ion Ratio Lower Upper

107 100

121 50.9 41.6 62.4

122 85.9 71.3 106.9





#27

Bis(2-Chloroethoxy)methane

Concen: 39.802 ng/ul

RT: 9.846 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

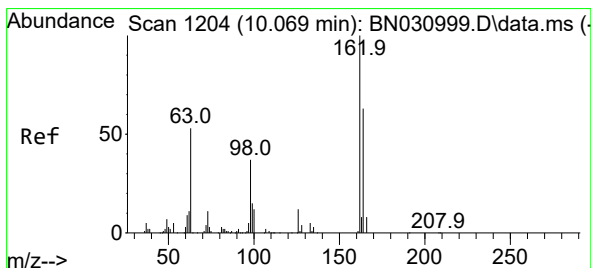
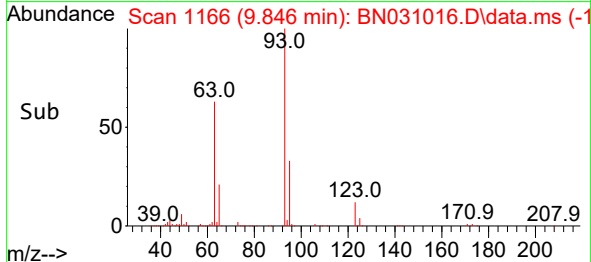
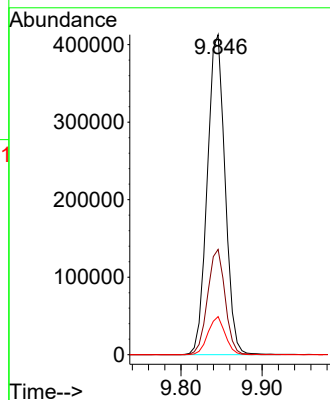
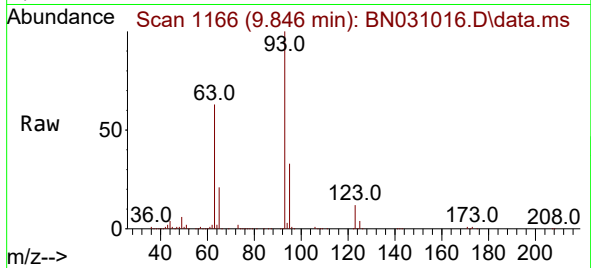
Tgt Ion: 93 Resp: 626620

Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.0

123 11.9 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 35.141 ng/ul

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

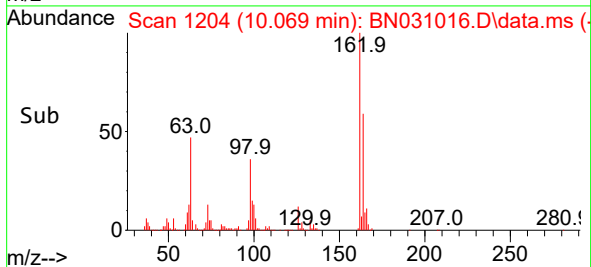
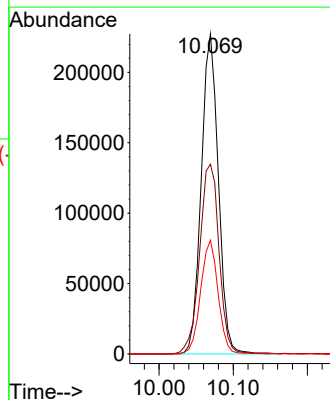
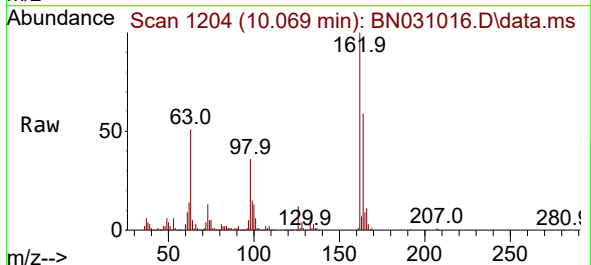
Tgt Ion: 162 Resp: 365375

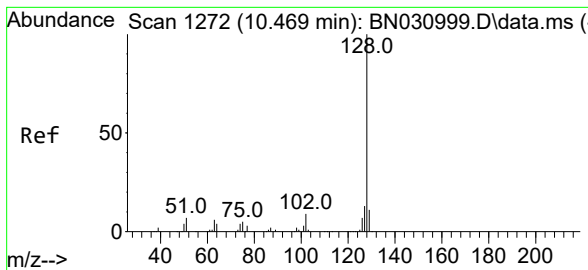
Ion Ratio Lower Upper

162 100

164 59.3 51.8 77.8

98 35.6 28.0 42.0

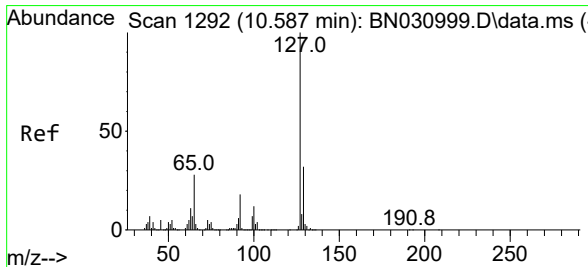
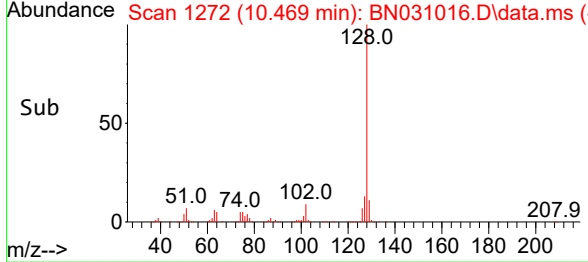
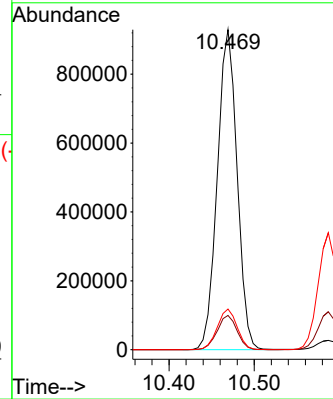
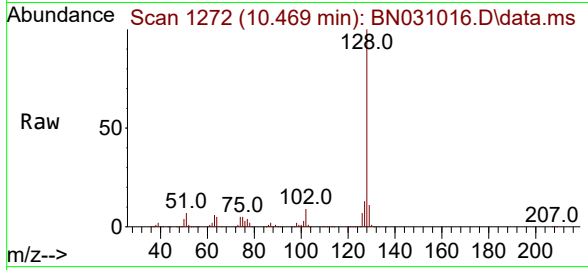




#30
Naphthalene
Concen: 39.933 ng/ul
RT: 10.469 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

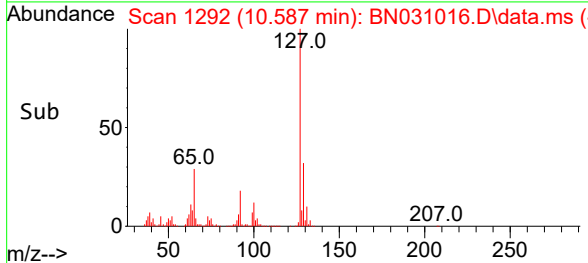
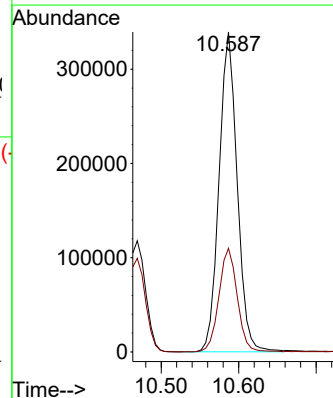
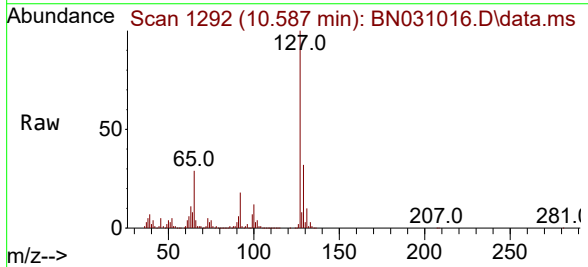
Instrument :
BNA_M
ClientSampleId :

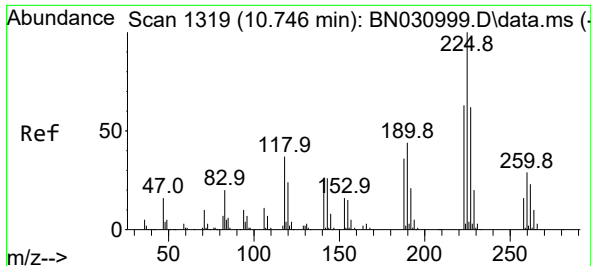
Tgt Ion:128 Resp: 1501668
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.7 10.5 15.7



#32
4-Chloroaniline
Concen: 34.029 ng/ul
RT: 10.587 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

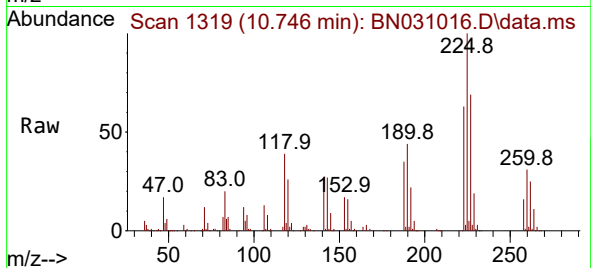
Tgt Ion:127 Resp: 549964
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9



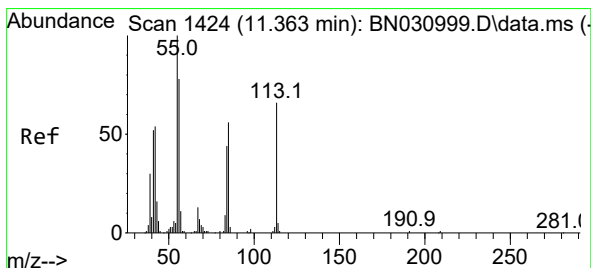
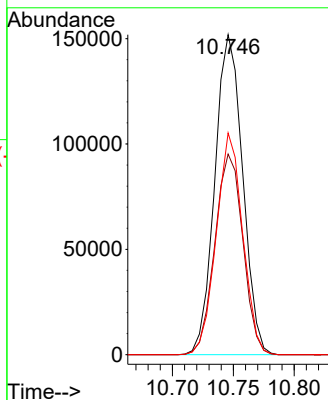
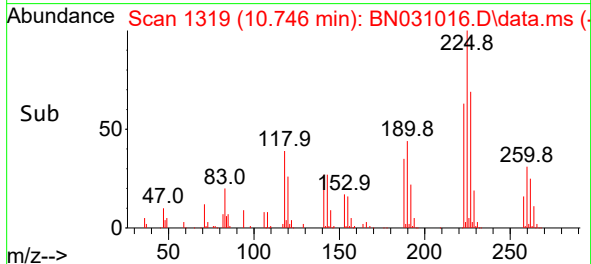


#33
Hexachlorobutadiene
Concen: 36.948 ng/ul
RT: 10.746 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

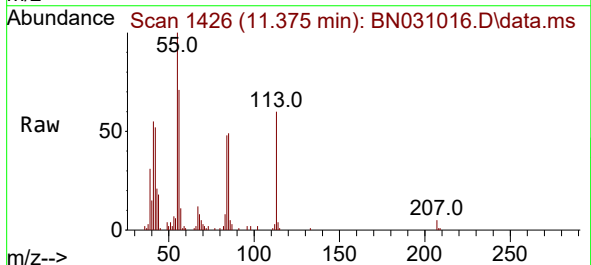
Instrument :
BNA_M
ClientSampleId :



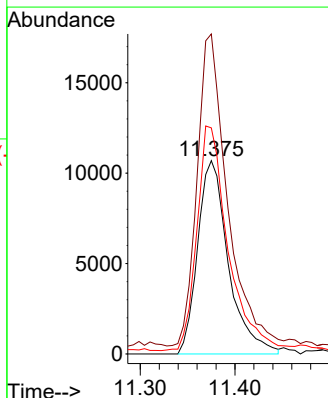
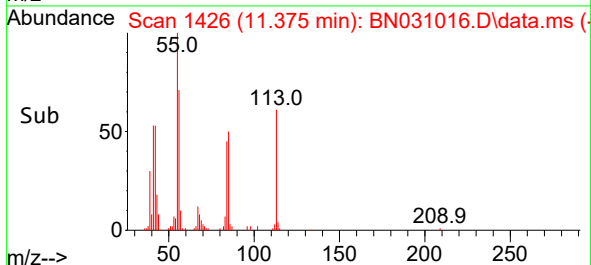
Tgt Ion:225 Resp: 241806
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 69.3 51.6 77.4

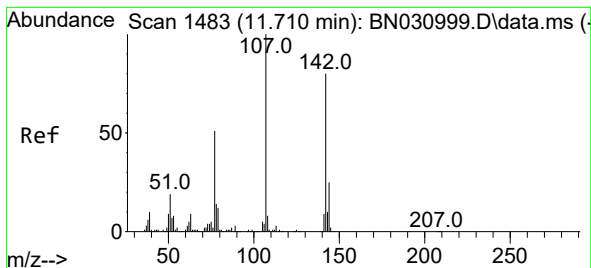


#34
Caprolactam
Concen: 6.220 ng/ul
RT: 11.375 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54



Tgt Ion:113 Resp: 24160
Ion Ratio Lower Upper
113 100
55 165.6 124.7 187.1
56 117.0 90.6 135.8

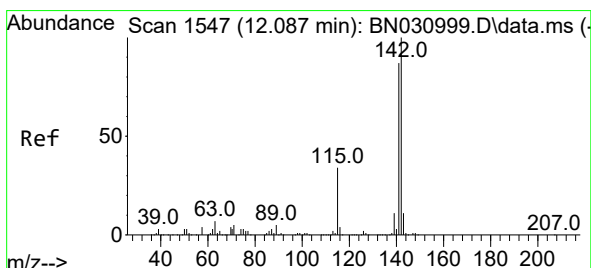
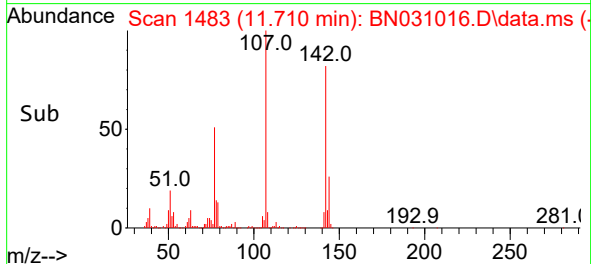
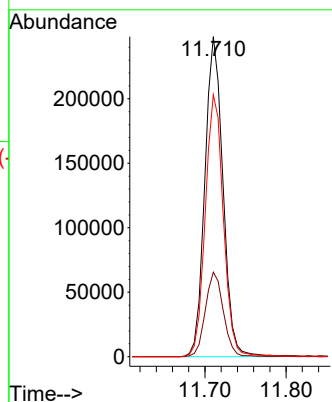
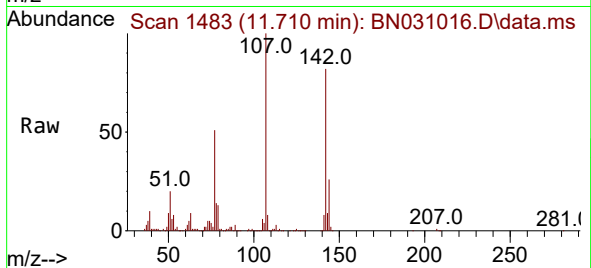




#35
4-Chloro-3-methylphenol
Concen: 32.755 ng/ul
RT: 11.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

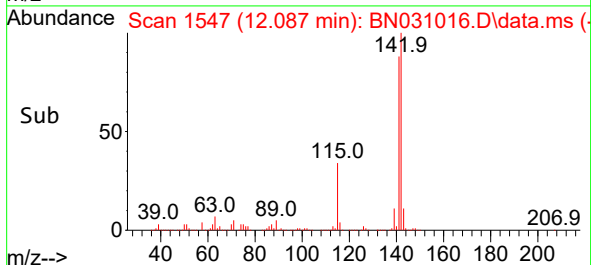
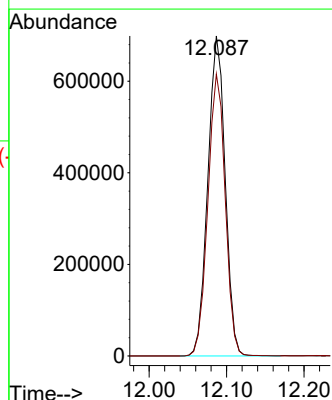
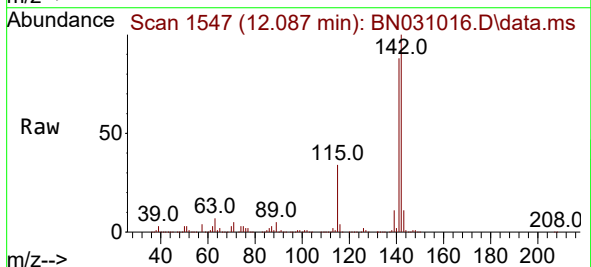
Instrument :
BNA_M
ClientSampleId :

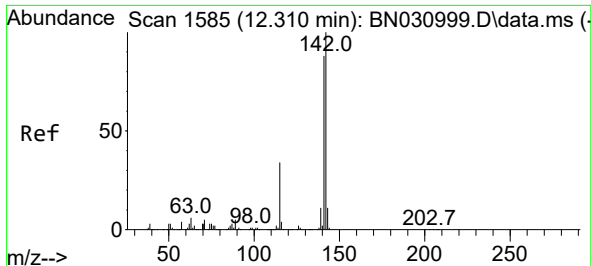
Tgt Ion:107 Resp: 383584
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.0
142 81.9 65.9 98.9



#36
2-Methylnaphthalene
Concen: 41.387 ng/ul
RT: 12.087 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:142 Resp: 1086907
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2

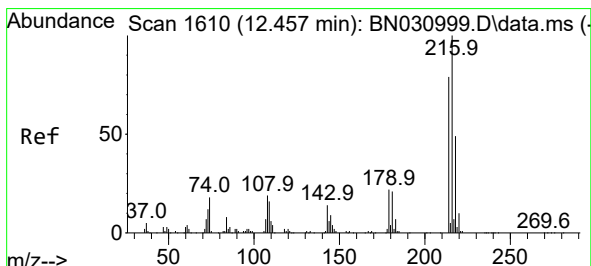
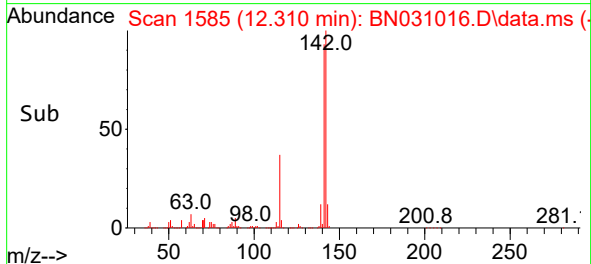
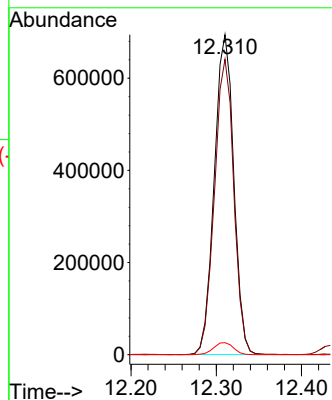
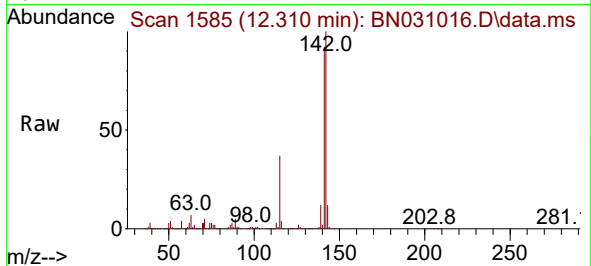




#37
 1-Methylnaphthalene
 Concen: 41.278 ng/ul
 RT: 12.310 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

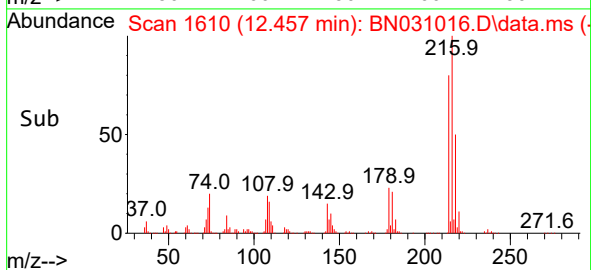
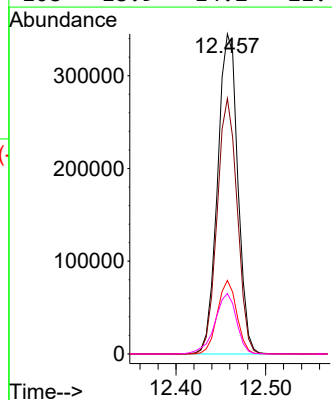
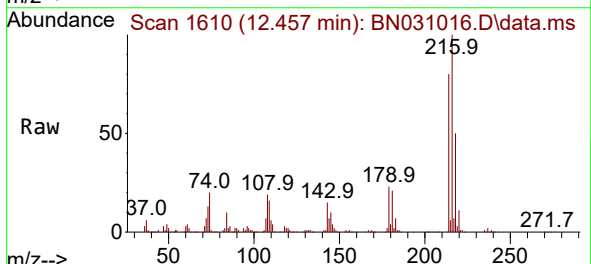
Instrument :
 BNA_M
 ClientSampleId :

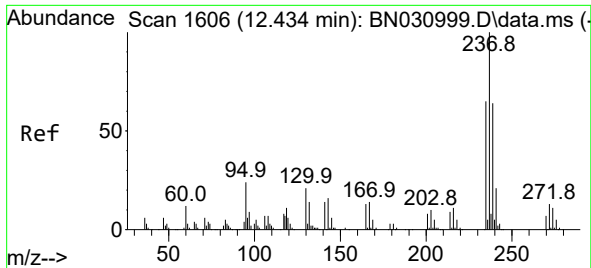
Tgt Ion:142 Resp: 1100442
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.0 109.4
 116 3.8 2.9 4.3



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.206 ng/ul
 RT: 12.457 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Tgt Ion:216 Resp: 540111
 Ion Ratio Lower Upper
 216 100
 214 79.8 60.9 91.3
 179 23.0 17.4 26.0
 108 18.9 14.2 21.4

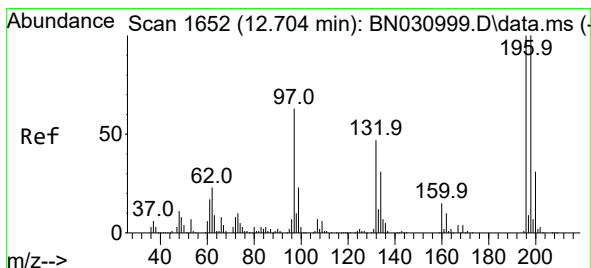
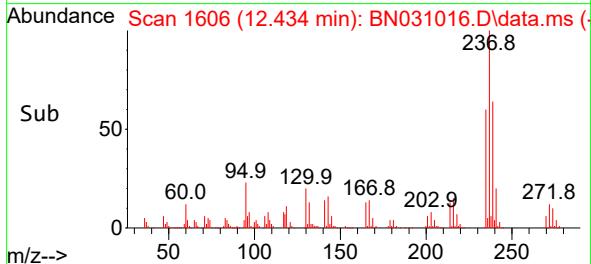
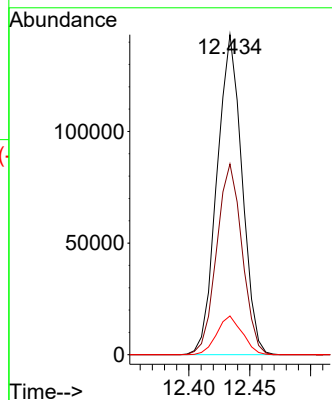
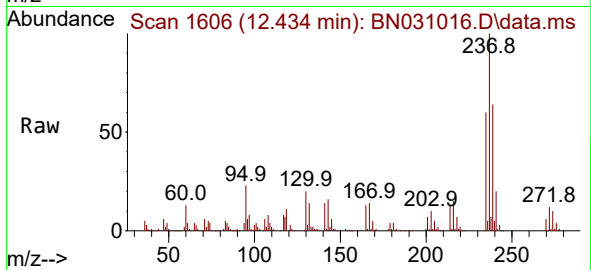




#40
Hexachlorocyclopentadiene
Concen: 26.932 ng/ul
RT: 12.434 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

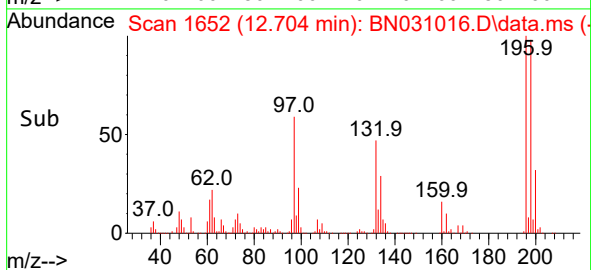
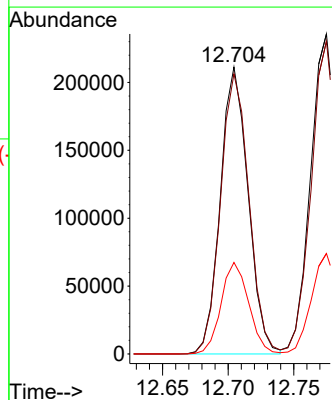
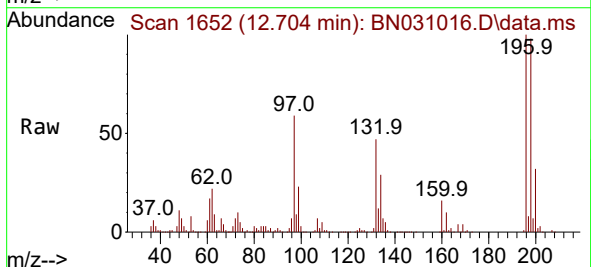
Instrument :
BNA_M
ClientSampleId :

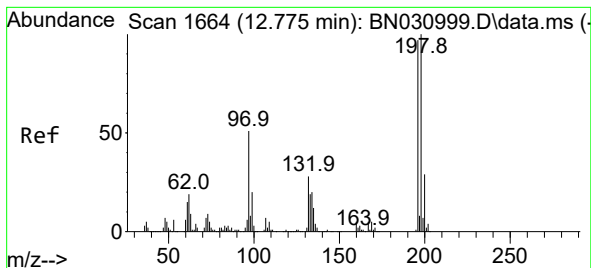
Tgt Ion:237 Resp: 205461
Ion Ratio Lower Upper
237 100
235 59.6 50.6 76.0
272 12.7 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 37.132 ng/ul
RT: 12.704 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:196 Resp: 311707
Ion Ratio Lower Upper
196 100
198 97.6 74.6 111.8
200 31.9 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 37.395 ng/ul

RT: 12.775 min Scan# 1664

Delta R.T. 0.000 min

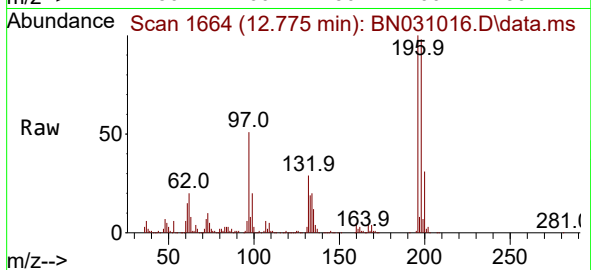
Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :



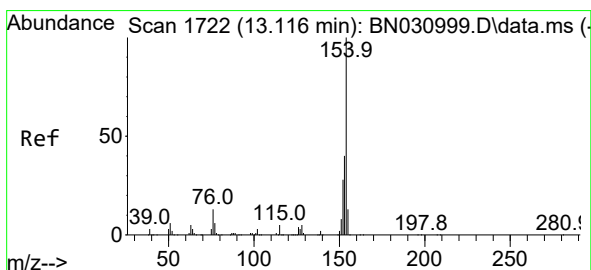
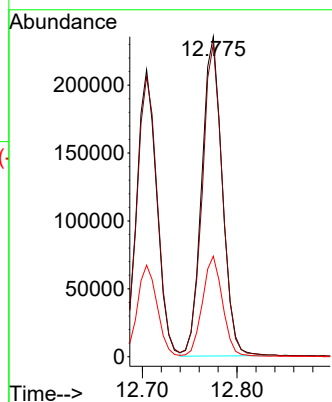
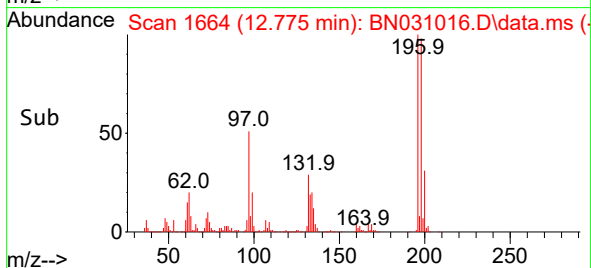
Tgt Ion:196 Resp: 354510

Ion Ratio Lower Upper

196 100

198 97.7 73.0 109.6

200 31.4 25.2 37.8



#43

1,1'-Biphenyl

Concen: 40.134 ng/ul

RT: 13.116 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

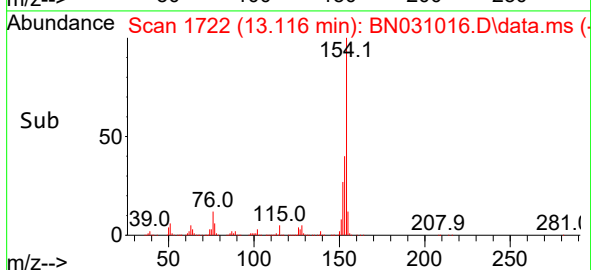
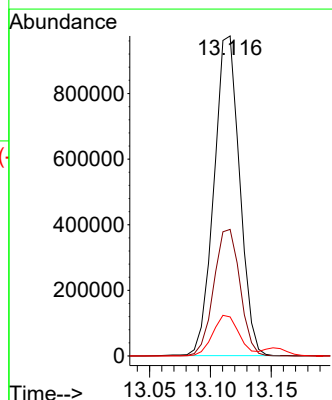
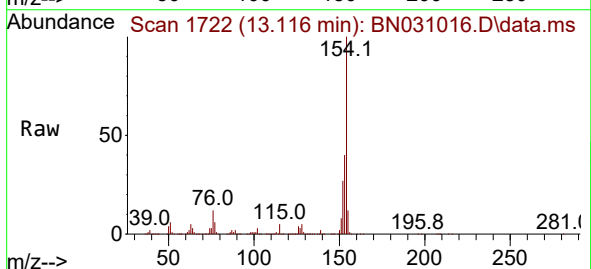
Tgt Ion:154 Resp: 1423952

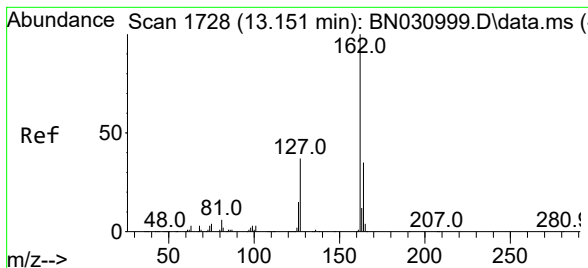
Ion Ratio Lower Upper

154 100

153 39.6 31.5 47.3

76 12.2 9.8 14.6





#44

2-Chloronaphthalene

Concen: 40.132 ng/ul

RT: 13.151 min Scan# 1

Delta R.T. 0.000 min

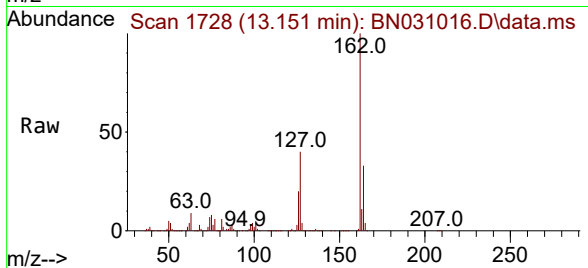
Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :



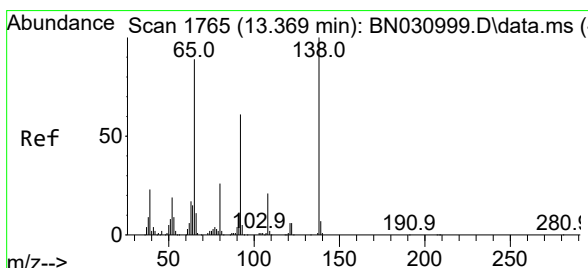
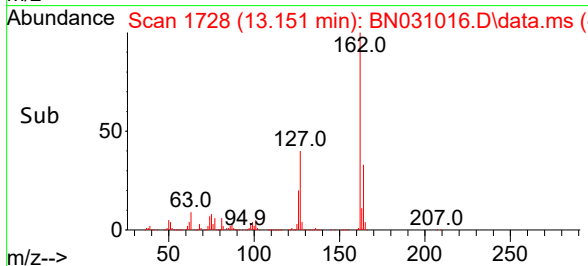
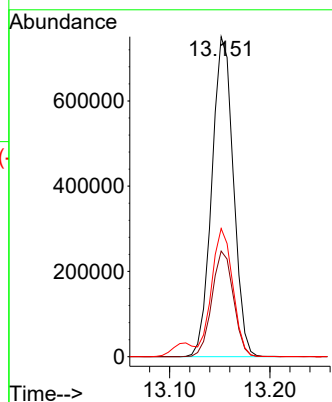
Tgt Ion:162 Resp: 1120893

Ion Ratio Lower Upper

162 100

164 33.0 25.7 38.5

127 40.1 32.2 48.2



#45

2-Nitroaniline

Concen: 47.982 ng/ul

RT: 13.369 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

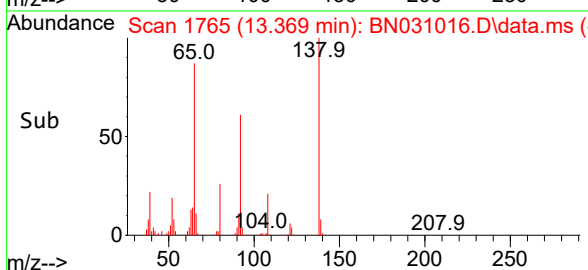
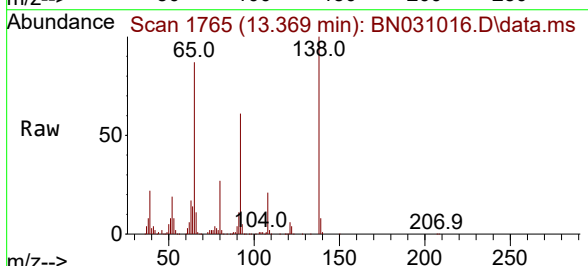
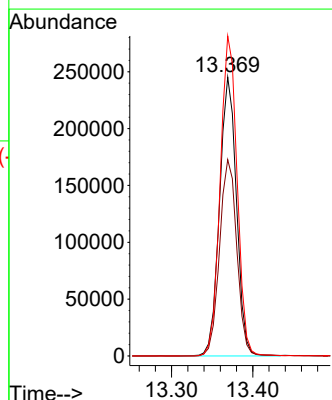
Tgt Ion: 65 Resp: 356643

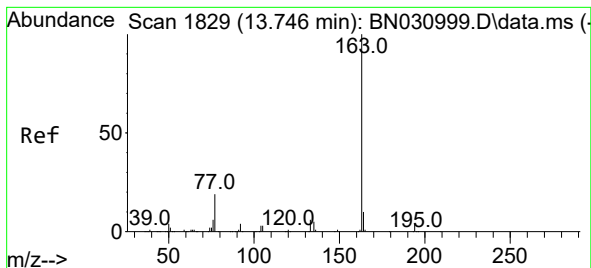
Ion Ratio Lower Upper

65 100

92 70.4 57.7 86.5

138 114.7 90.6 135.8





#47

Dimethylphthalate

Concen: 42.269 ng/ul

RT: 13.751 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

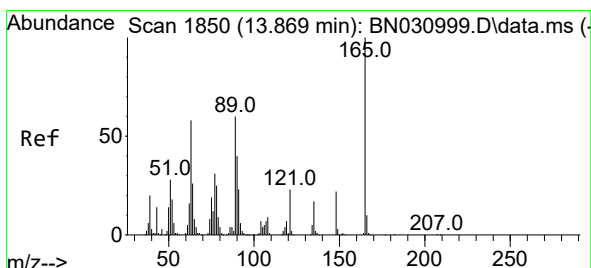
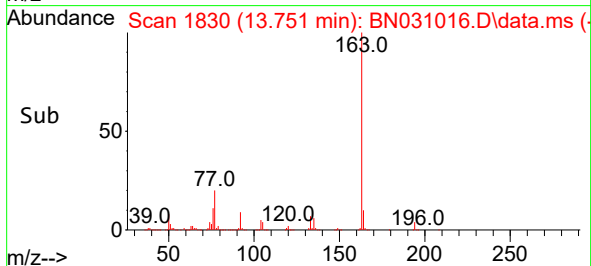
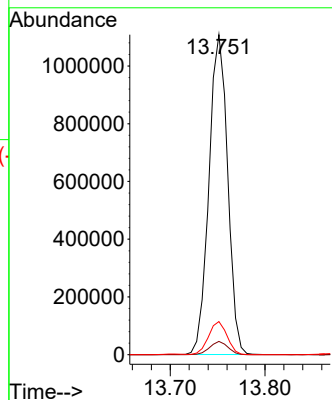
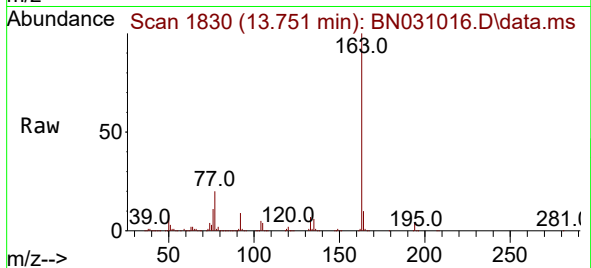
Tgt Ion:163 Resp: 1517502

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 47.600 ng/ul

RT: 13.875 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

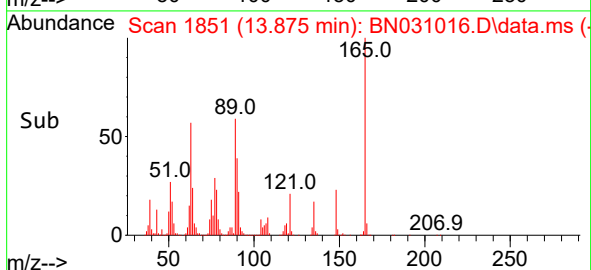
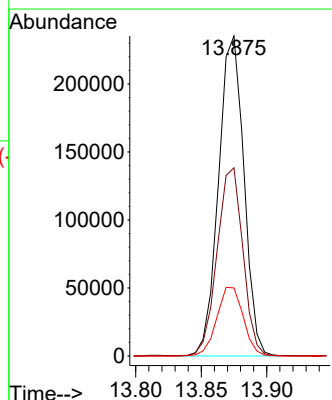
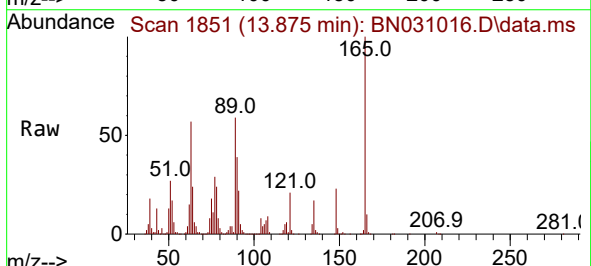
Tgt Ion:165 Resp: 316838

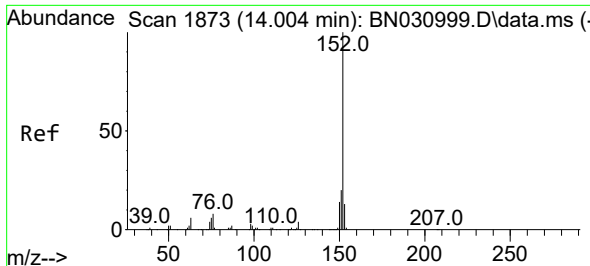
Ion Ratio Lower Upper

165 100

89 58.8 43.5 65.3

121 21.3 15.7 23.5

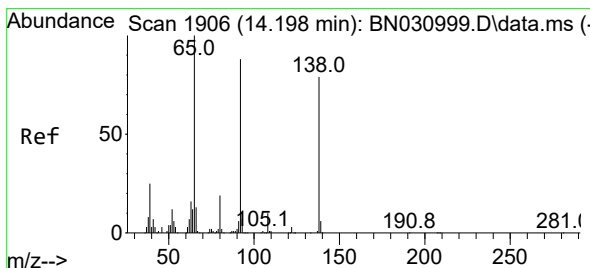
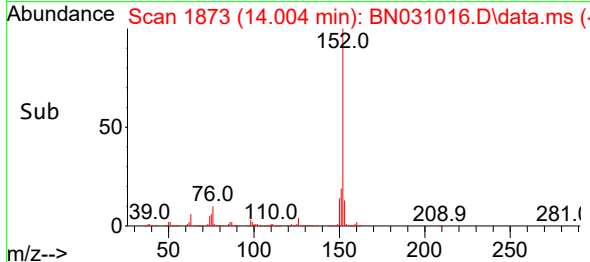
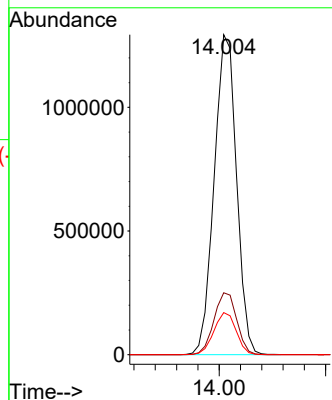
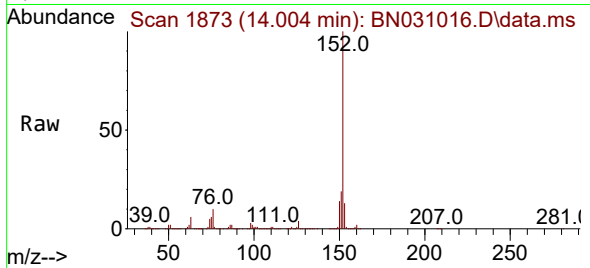




#50
Acenaphthylene
Concen: 40.757 ng/ul
RT: 14.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

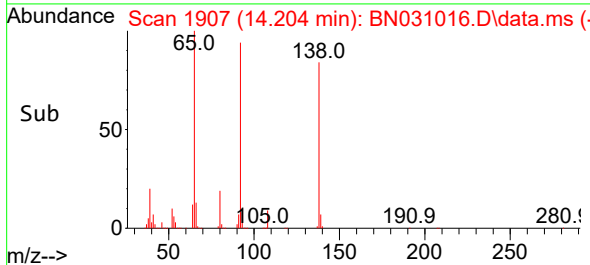
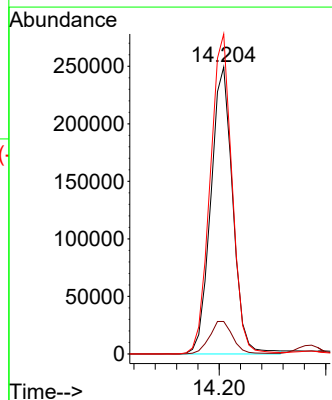
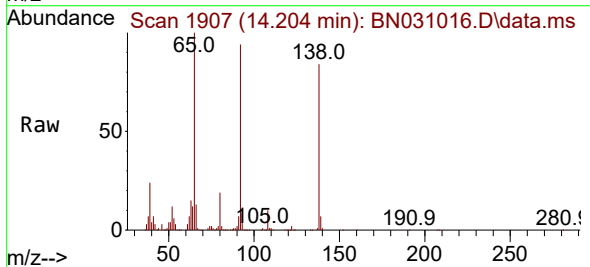
Instrument :
BNA_M
ClientSampleId :

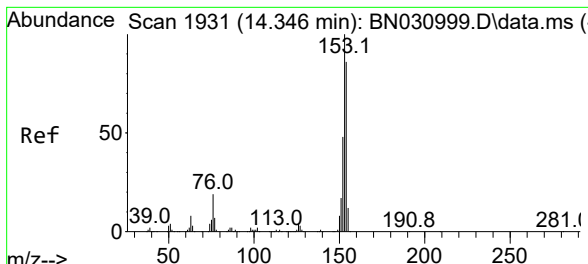
Tgt Ion:152 Resp: 1881729
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.1 10.7 16.1



#51
3-Nitroaniline
Concen: 50.428 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:138 Resp: 356276
Ion Ratio Lower Upper
138 100
108 11.4 9.6 14.4
92 111.5 89.6 134.4



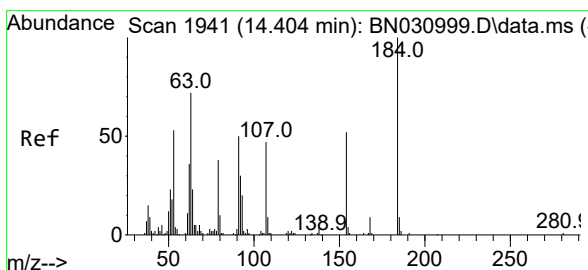
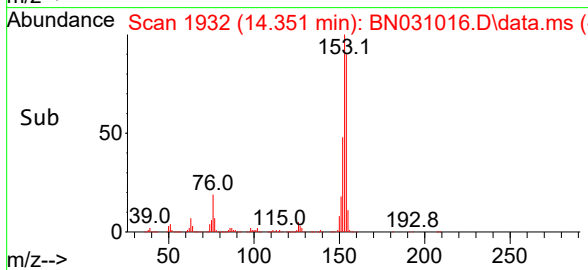
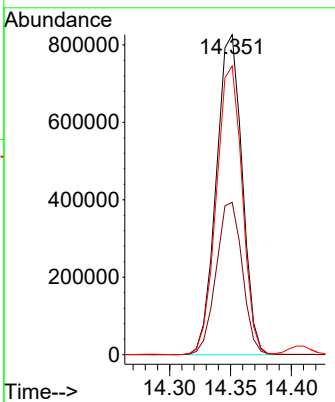
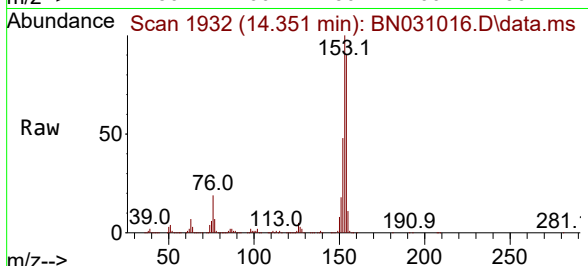


#52
 Acenaphthene
 Concen: 39.780 ng/ul
 RT: 14.351 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:153 Resp: 1223943

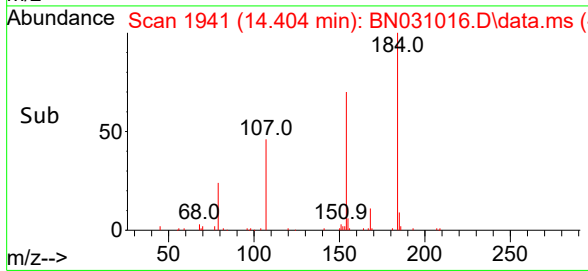
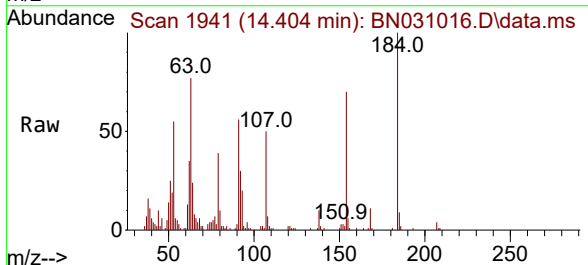
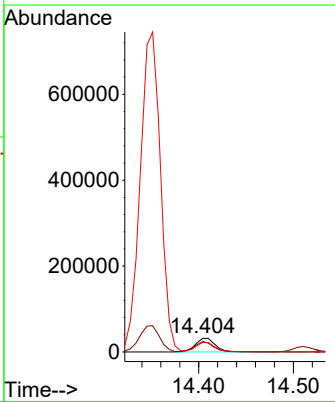
Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	90.2	70.3	105.5

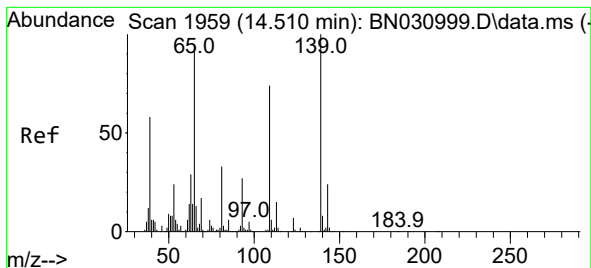


#53
 2,4-Dinitrophenol
 Concen: 15.260 ng/ul
 RT: 14.404 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Tgt Ion:184 Resp: 46653

Ion	Ratio	Lower	Upper
184	100		
63	76.7	49.9	74.9#
154	70.2	49.5	74.3

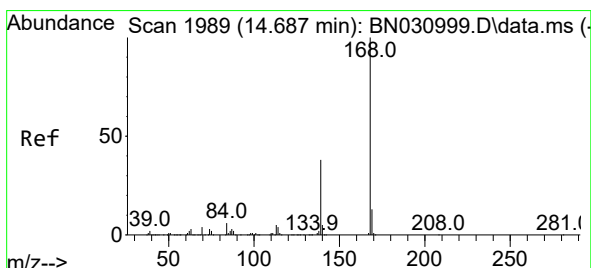
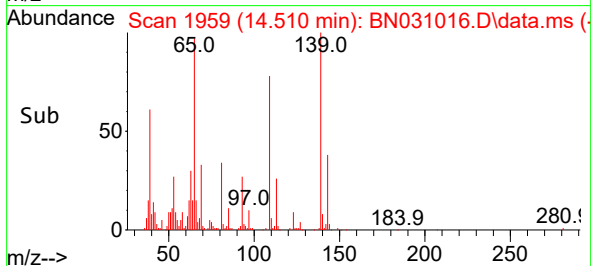
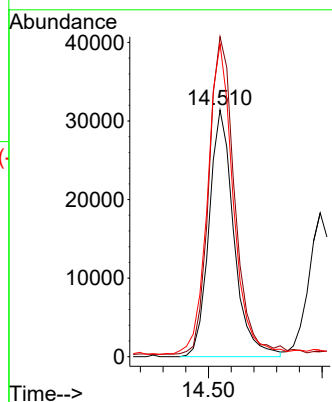
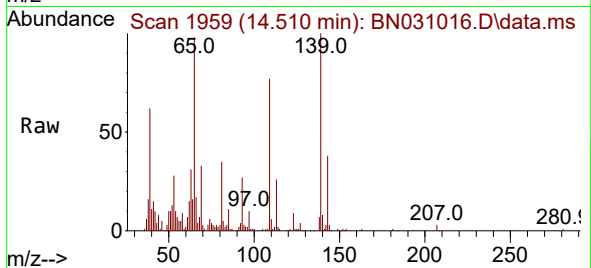




#55
4-Nitrophenol
Concen: 9.022 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

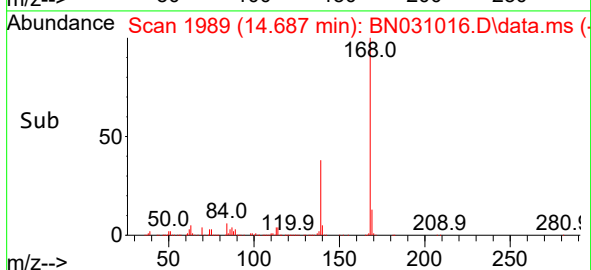
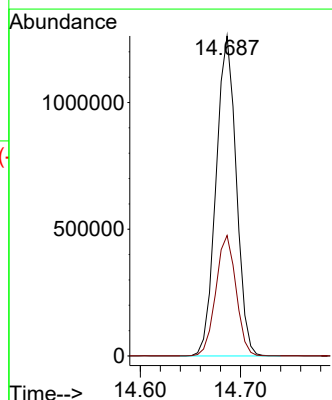
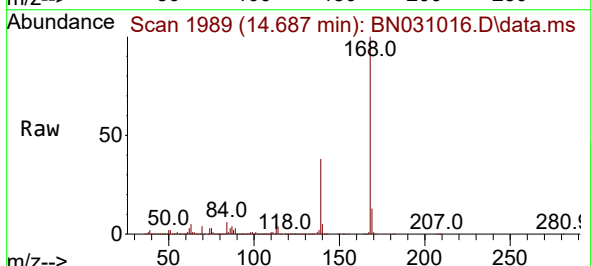
Instrument :
BNA_M
ClientSampleId :

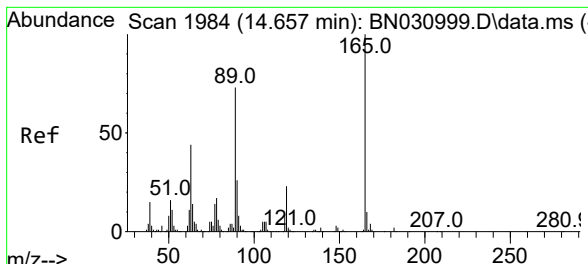
Tgt Ion:109 Resp: 47515
Ion Ratio Lower Upper
109 100
139 129.7 111.8 167.6
65 126.8 98.7 148.1



#56
Dibenzofuran
Concen: 41.290 ng/ul
RT: 14.687 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:168 Resp: 1765925
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4



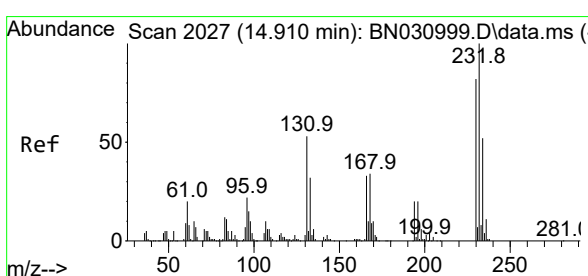
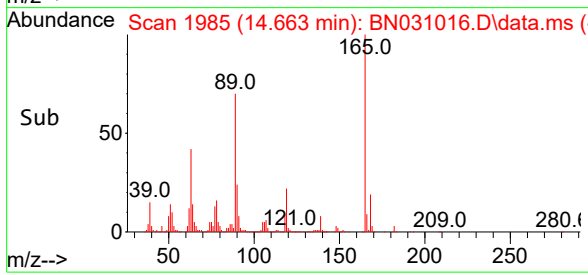
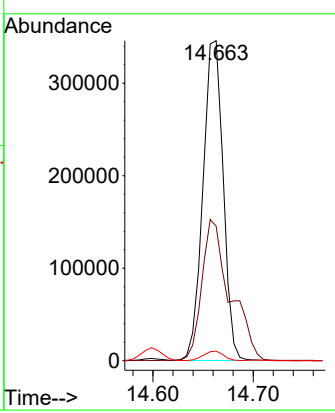
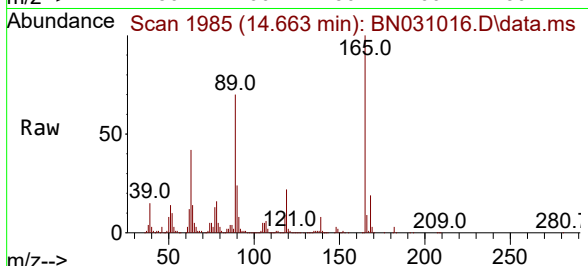


#57
 2,4-Dinitrotoluene
 Concen: 49.959 ng/ul
 RT: 14.663 min Scan# 1985
 Delta R.T. 0.006 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:165 Resp: 485498

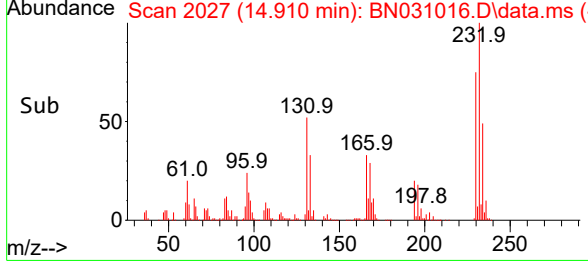
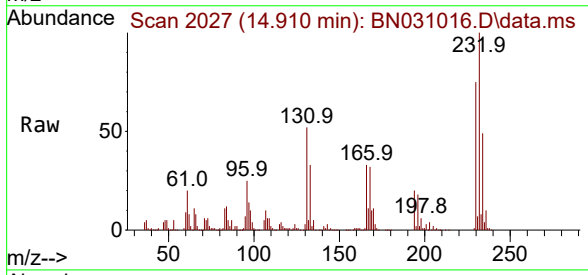
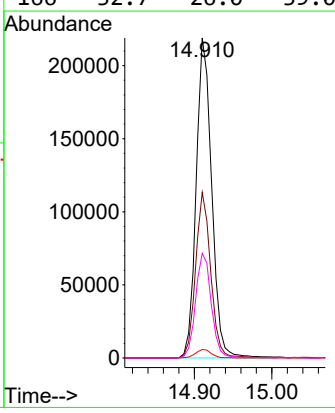
Ion	Ratio	Lower	Upper
165	100		
63	42.1	34.7	52.1
182	3.0	2.4	3.6

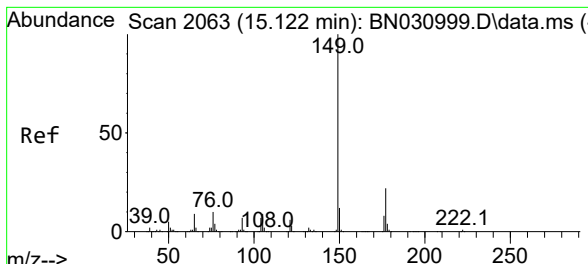


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.731 ng/ul
 RT: 14.910 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Tgt Ion:232 Resp: 304943

Ion	Ratio	Lower	Upper
232	100		
131	51.8	36.6	55.0
130	2.6	2.2	3.2
166	32.7	26.0	39.0



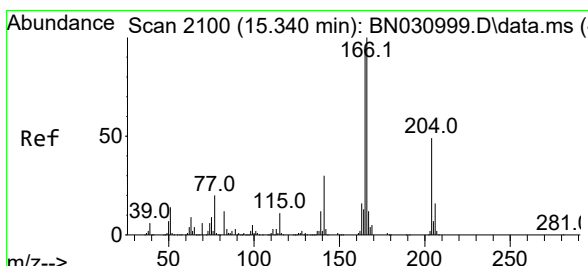
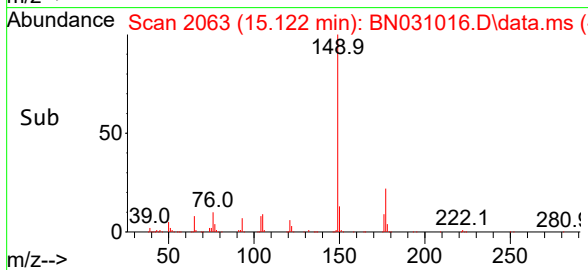
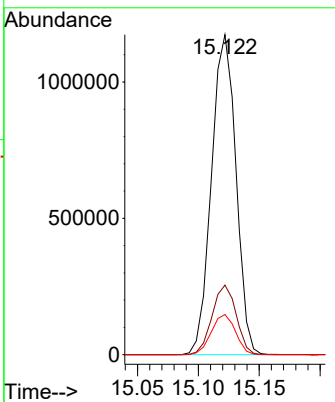
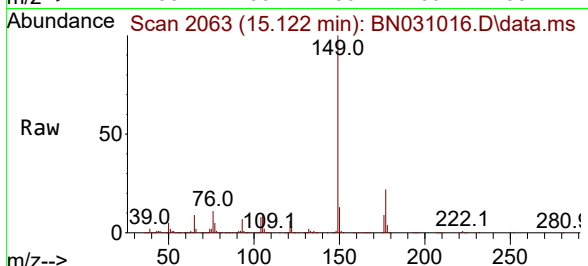


#59
 Diethylphthalate
 Concen: 45.011 ng/ul
 RT: 15.122 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:149 Resp: 1641620

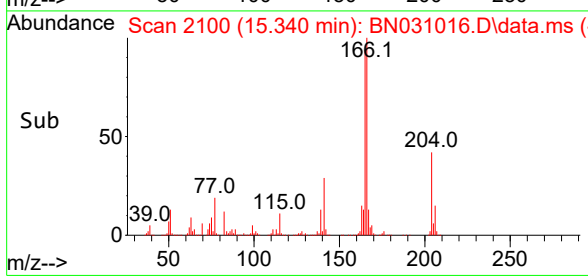
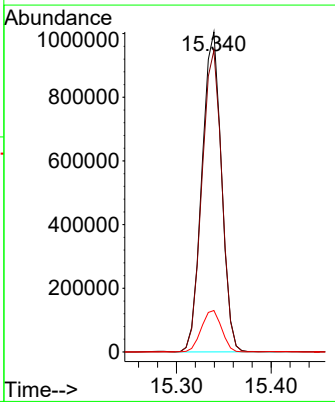
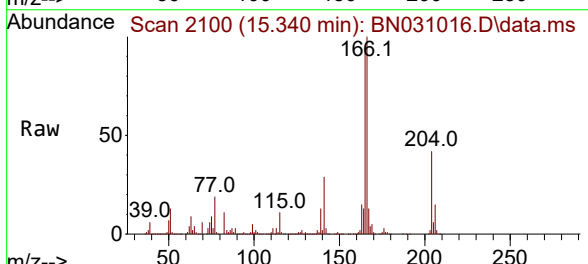
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.5	9.8	14.8

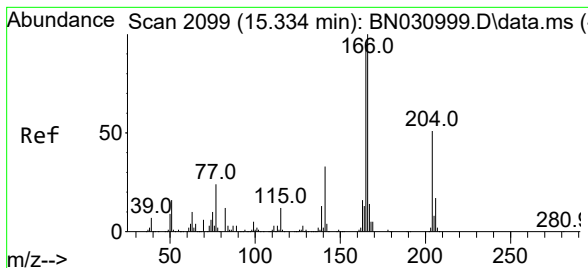


#61
 Fluorene
 Concen: 42.091 ng/ul
 RT: 15.340 min Scan# 2100
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Tgt Ion:166 Resp: 1430886

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.2	117.4
167	13.0	11.0	16.4

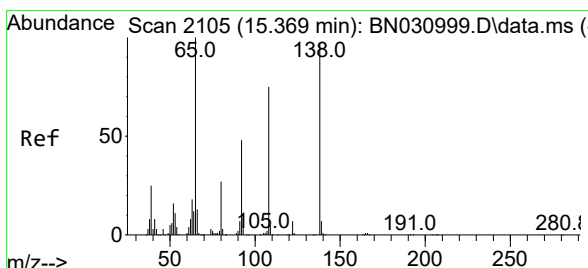
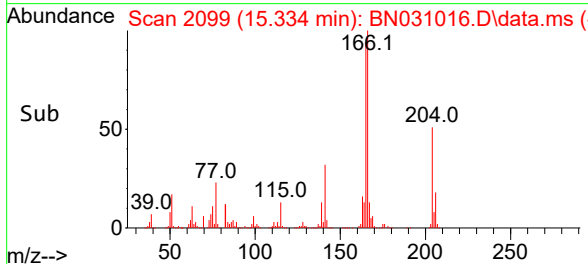
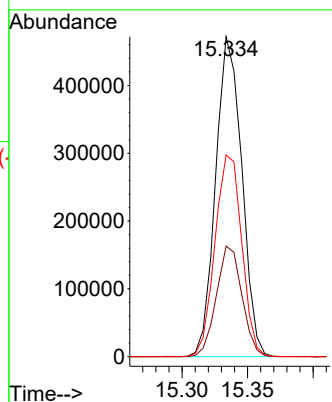
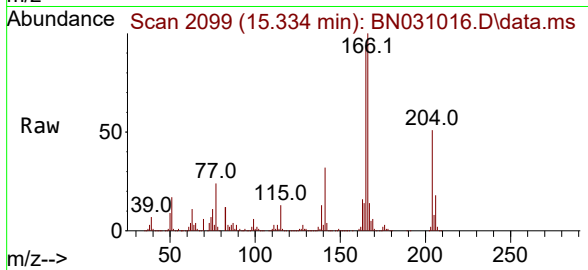




#62
4-Chlorophenyl-phenylether
Concen: 39.287 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

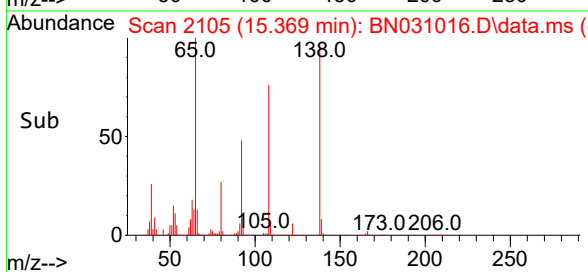
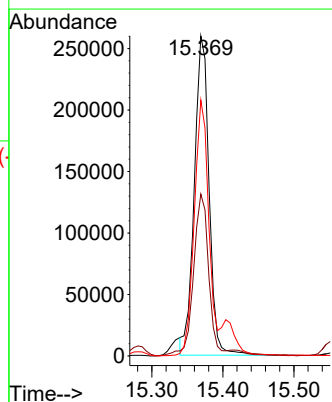
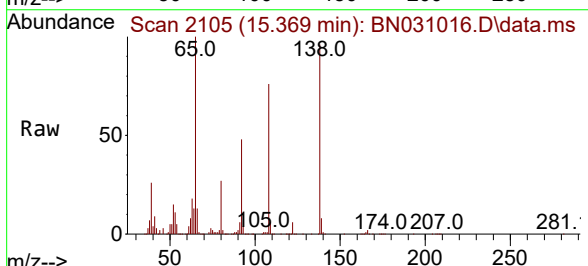
Instrument :
BNA_M
ClientSampleId :

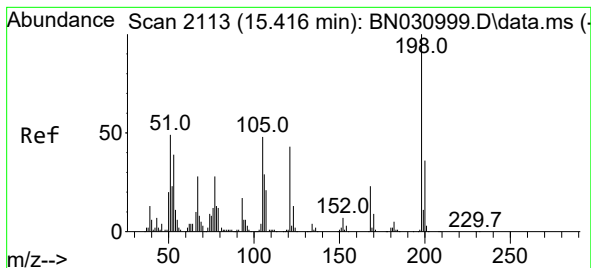
Tgt Ion:204 Resp: 655242
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 63.1 49.1 73.7



#63
4-Nitroaniline
Concen: 54.904 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:138 Resp: 377110
Ion Ratio Lower Upper
138 100
92 50.6 39.7 59.5
108 80.0 62.6 94.0

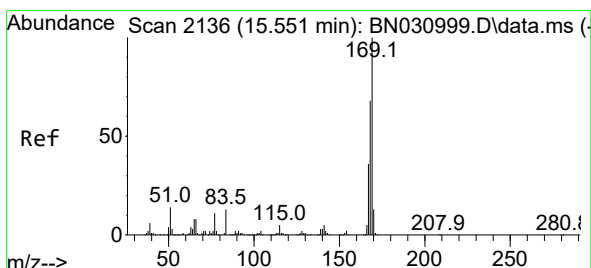
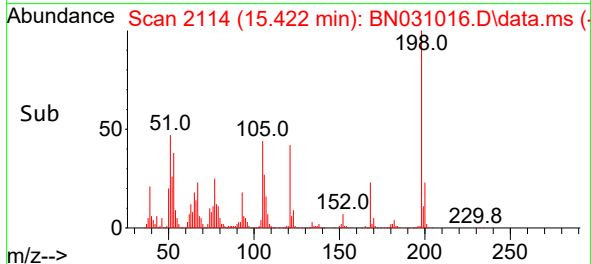
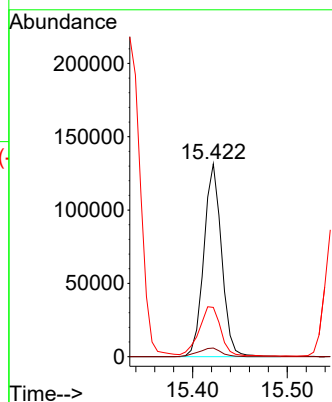
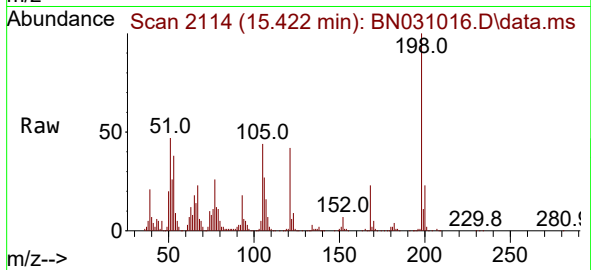




#66
4,6-Dinitro-2-methylphenol
Concen: 31.619 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

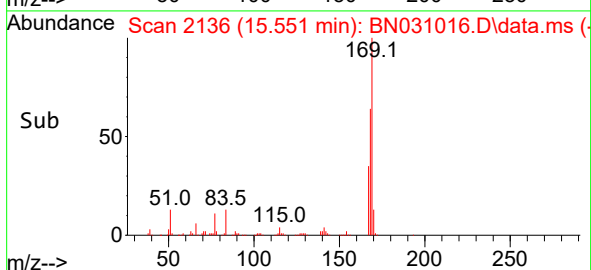
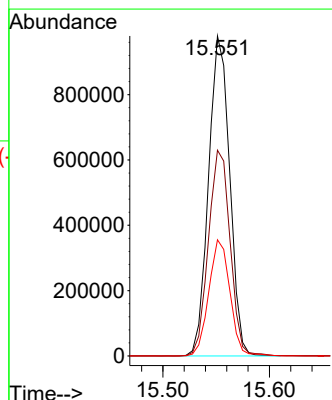
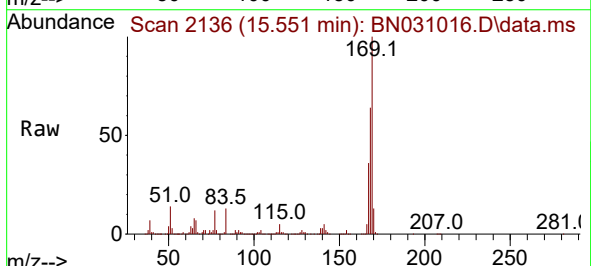
Instrument :
BNA_M
ClientSampleId :

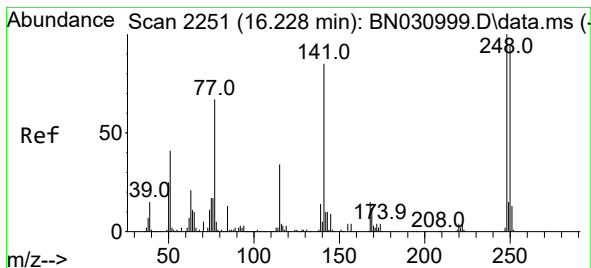
Tgt Ion:198 Resp: 170866
Ion Ratio Lower Upper
198 100
182 4.5 3.6 5.4
77 25.5 22.2 33.4



#67
N-Nitrosodiphenylamine
Concen: 43.566 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:169 Resp: 1351857
Ion Ratio Lower Upper
169 100
168 64.3 51.9 77.9
167 36.3 29.0 43.4

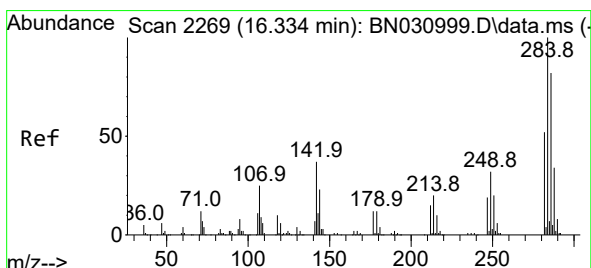
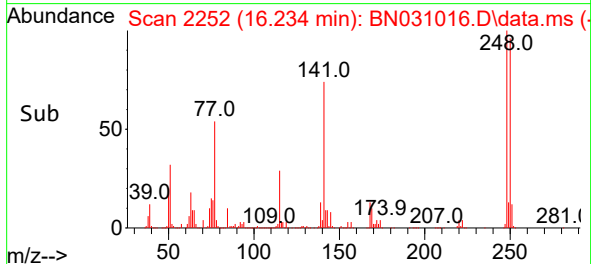
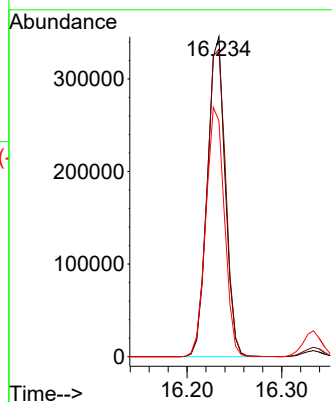
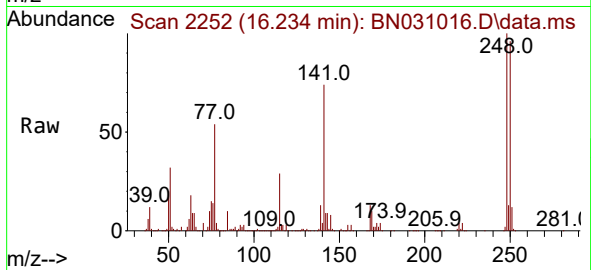




#68
4-Bromophenyl-phenylether
Concen: 41.893 ng/ul
RT: 16.234 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

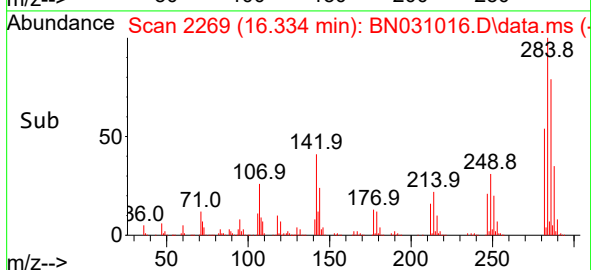
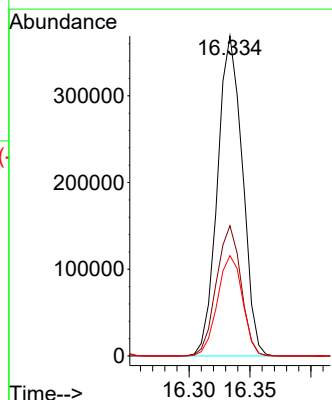
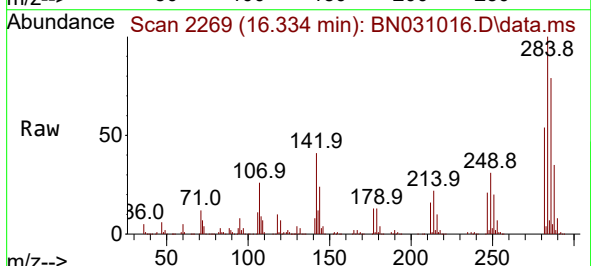
Instrument :
BNA_M
ClientSampleId :

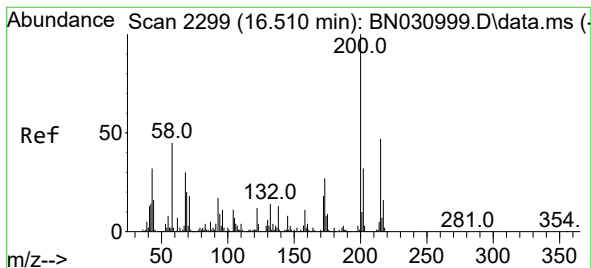
Tgt Ion:248 Resp: 453266
Ion Ratio Lower Upper
248 100
250 96.0 80.0 120.0
141 73.7 60.5 90.7



#69
Hexachlorobenzene
Concen: 41.307 ng/ul
RT: 16.334 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:284 Resp: 526272
Ion Ratio Lower Upper
284 100
142 40.7 28.6 43.0
249 31.4 25.0 37.4





#70

Atrazine

Concen: 44.871 ng/ul

RT: 16.510 min Scan# 2299

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

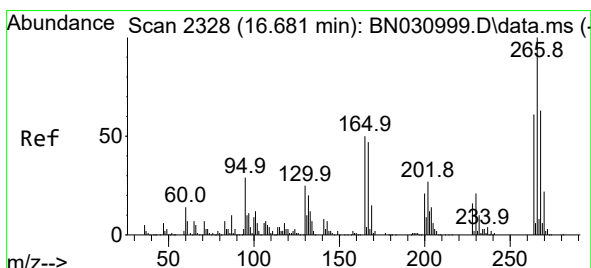
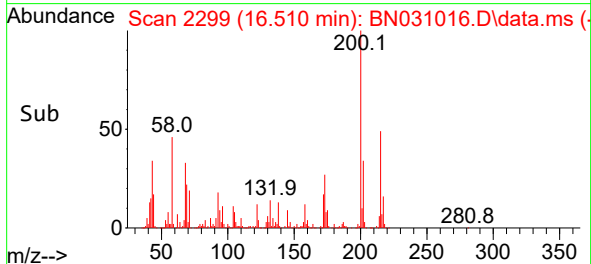
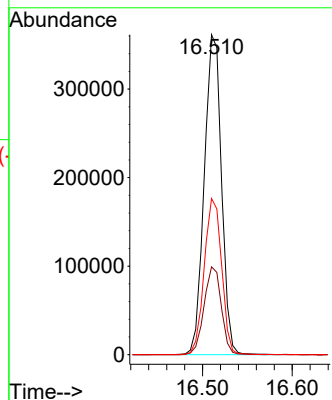
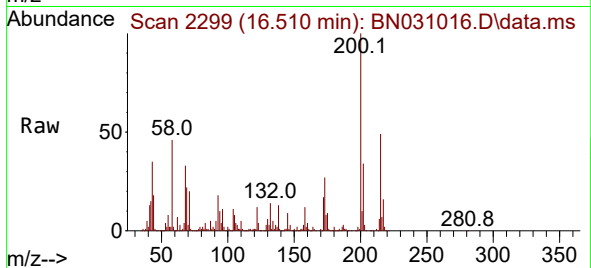
Tgt Ion:200 Resp: 482597

Ion Ratio Lower Upper

200 100

173 27.4 21.5 32.3

215 48.8 37.8 56.8



#71

Pentachlorophenol

Concen: 34.323 ng/ul

RT: 16.681 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

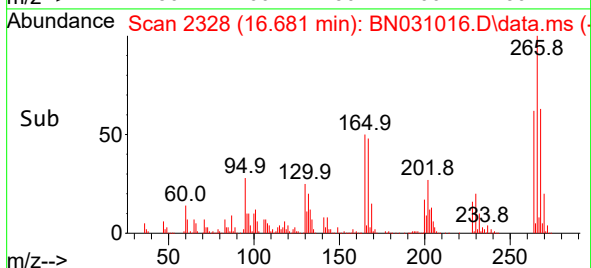
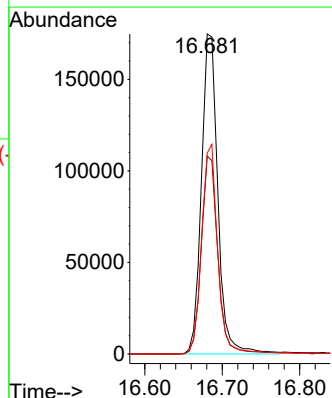
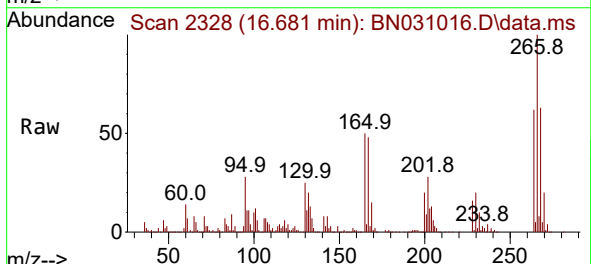
Tgt Ion:266 Resp: 257828

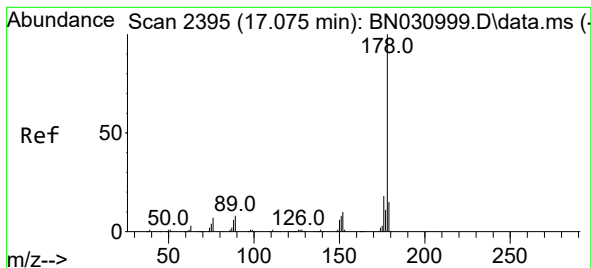
Ion Ratio Lower Upper

266 100

264 61.8 51.0 76.6

268 62.8 52.5 78.7





#72

Phenanthrene

Concen: 43.730 ng/ul

RT: 17.075 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

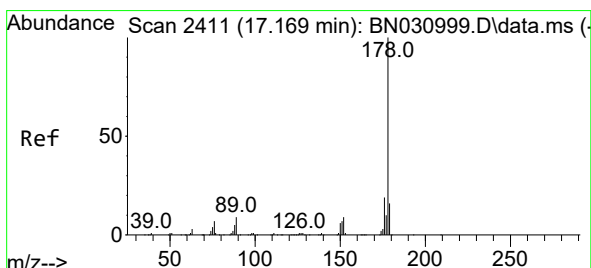
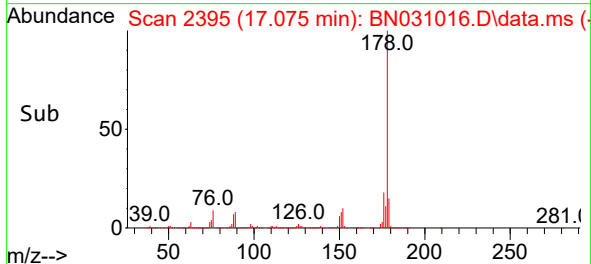
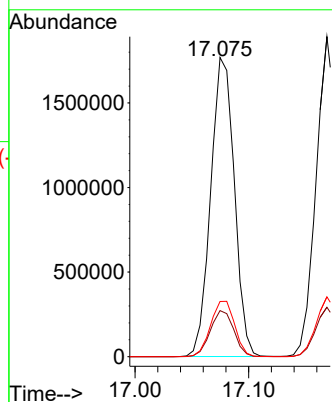
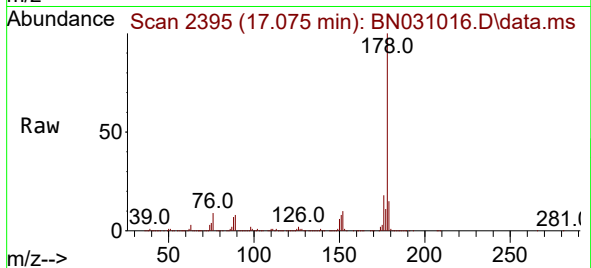
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178 Resp: 2559960

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.4	15.0	22.6



#74

Anthracene

Concen: 42.642 ng/ul

RT: 17.169 min Scan# 2411

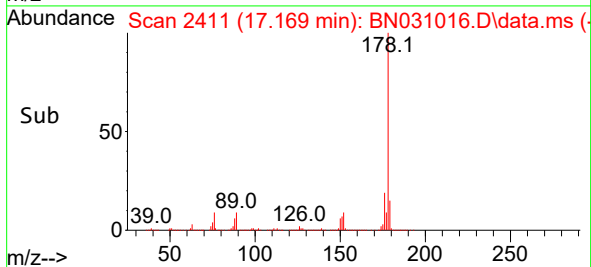
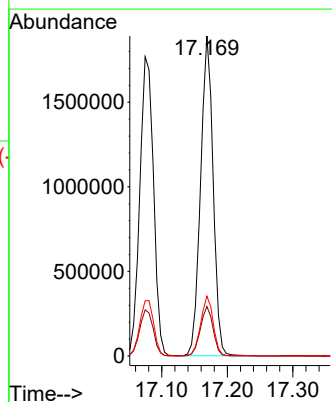
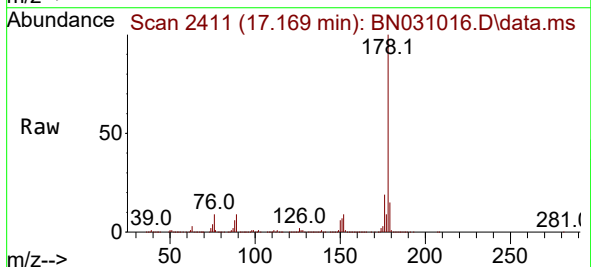
Delta R.T. 0.000 min

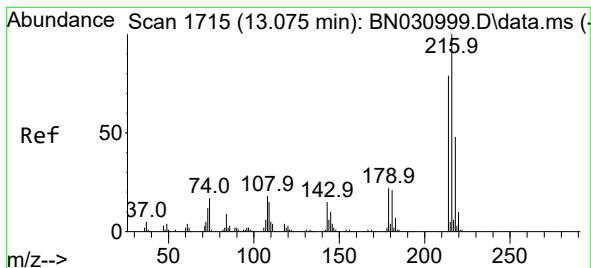
Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Tgt Ion:178 Resp: 2523495

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.7	15.0	22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.186 ng/uL

RT: 13.075 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

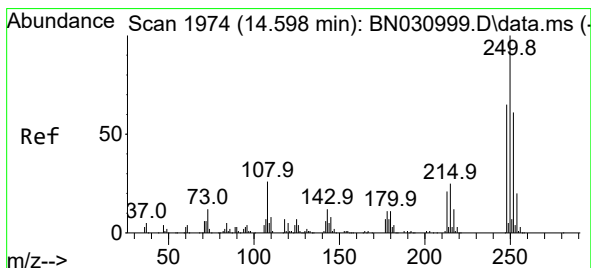
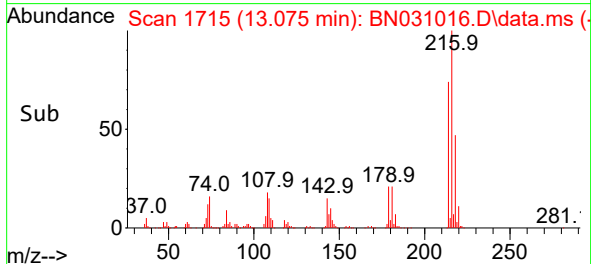
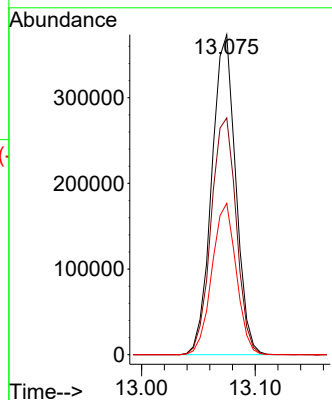
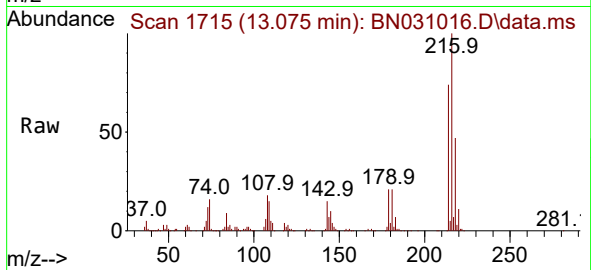
Tgt Ion:216 Resp: 548527

Ion Ratio Lower Upper

216 100

214 74.0 63.1 94.7

218 47.3 39.5 59.3



#76

Pentachlorobenzene

Concen: 38.706 ng/uL

RT: 14.598 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

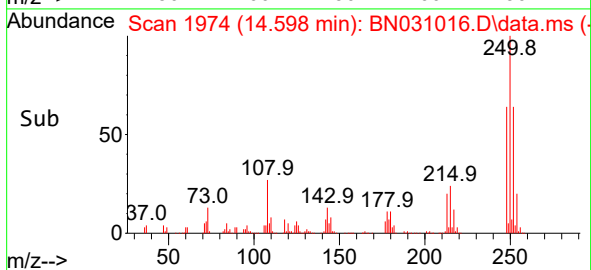
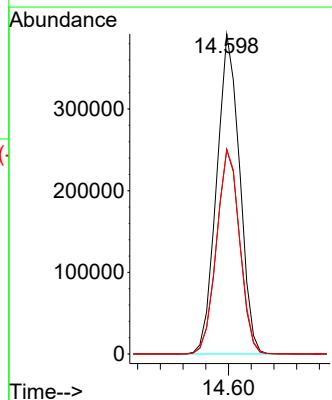
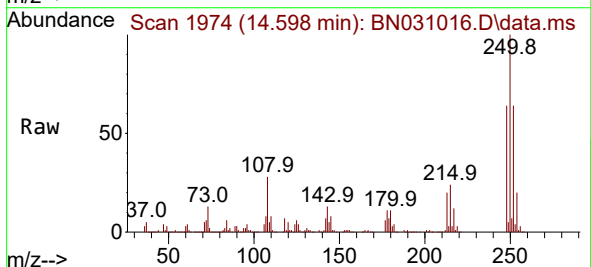
Tgt Ion:250 Resp: 550330

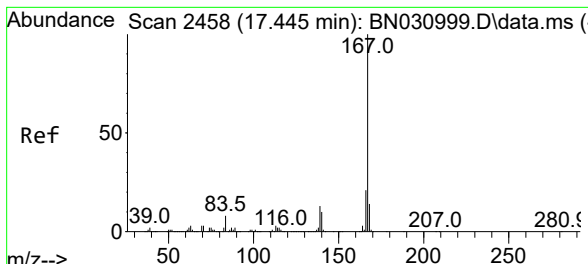
Ion Ratio Lower Upper

250 100

248 63.8 45.8 68.6

252 64.0 48.7 73.1



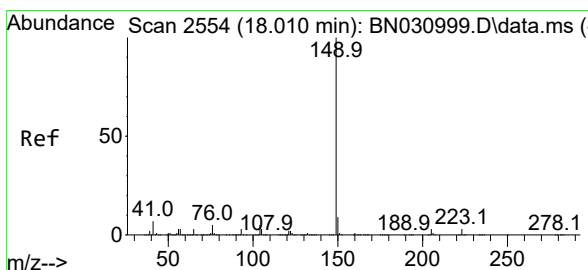
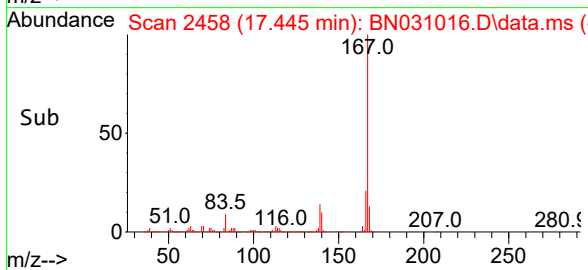
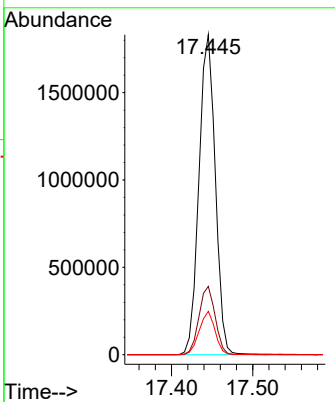
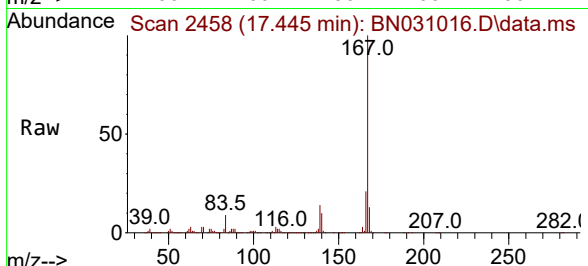


#77
 Carbazole
 Concen: 49.225 ng/ul
 RT: 17.445 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:167 Resp: 2554670

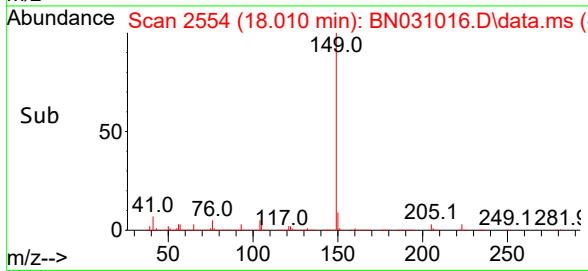
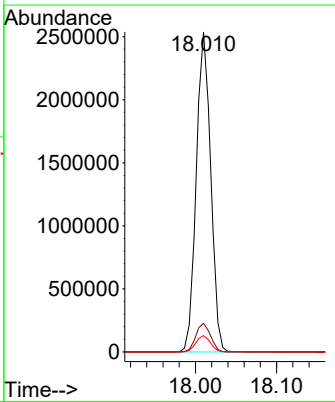
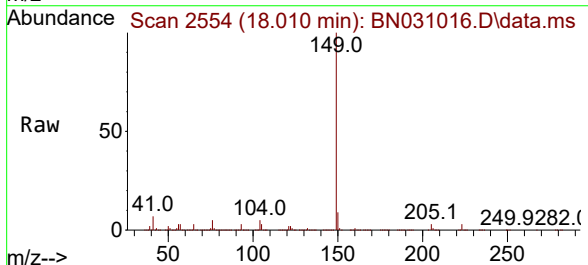
Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.6	24.8
139	13.5	10.5	15.7

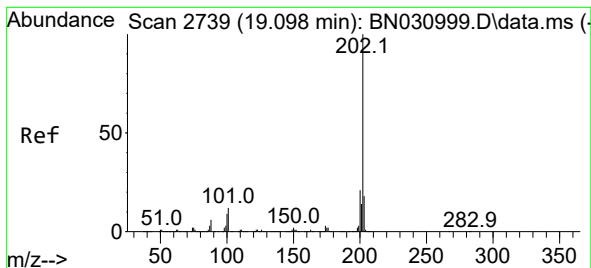


#78
 Di-n-butylphthalate
 Concen: 49.479 ng/ul
 RT: 18.010 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BN031016.D
 Acq: 18 Apr 2024 19:54

Tgt Ion:149 Resp: 3132634

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.1	4.1	6.1





#80

Fluoranthene

Concen: 42.428 ng/ul

RT: 19.098 min Scan# 2739

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

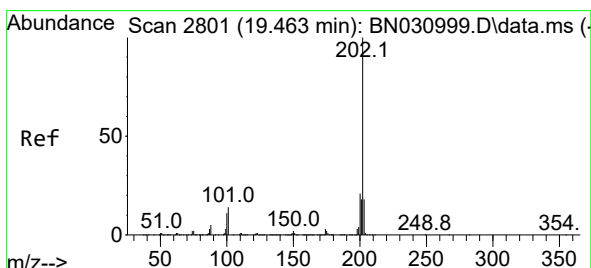
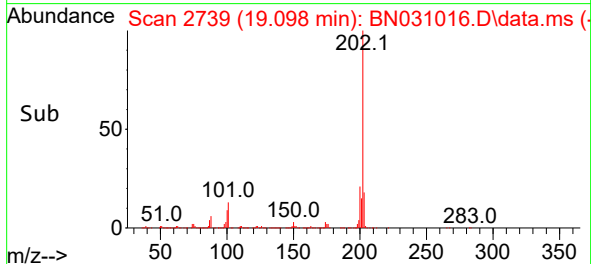
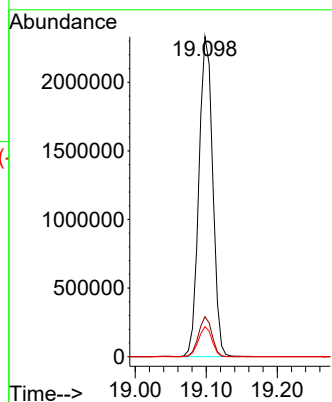
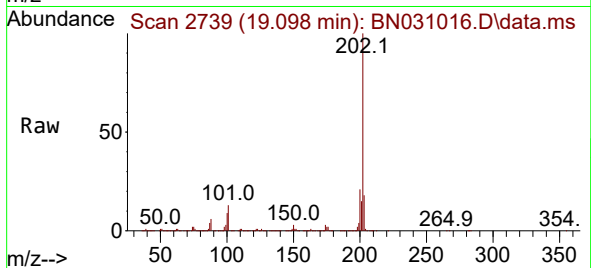
Tgt Ion:202 Resp: 3161837

Ion Ratio Lower Upper

202 100

101 12.5 9.0 13.6

100 9.4 6.8 10.2



#82

Pyrene

Concen: 42.515 ng/ul

RT: 19.463 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

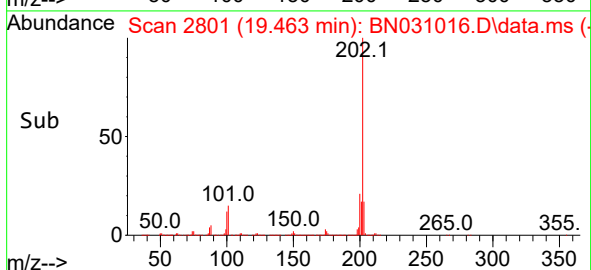
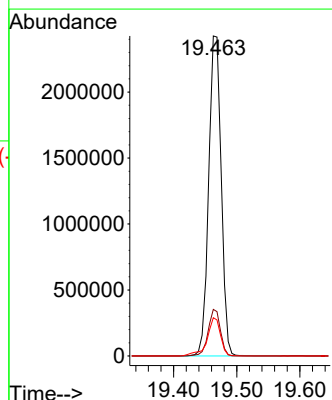
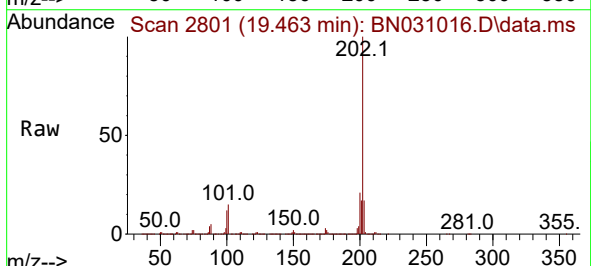
Tgt Ion:202 Resp: 3346054

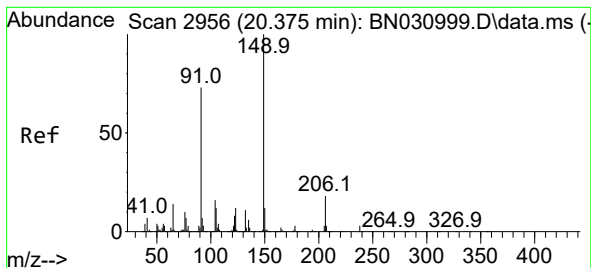
Ion Ratio Lower Upper

202 100

101 14.6 11.3 16.9

100 11.9 9.2 13.8





#83

Butylbenzylphthalate

Concen: 51.062 ng/ul

RT: 20.380 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

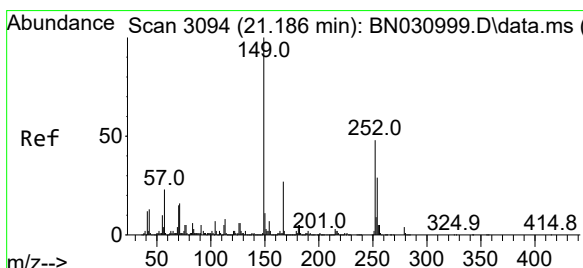
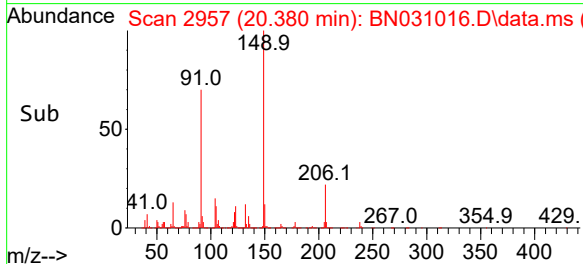
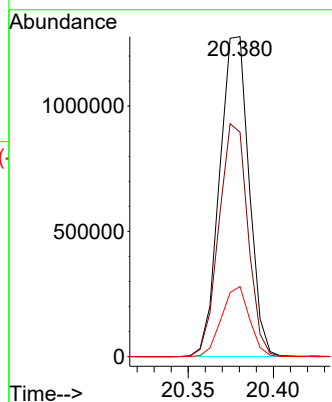
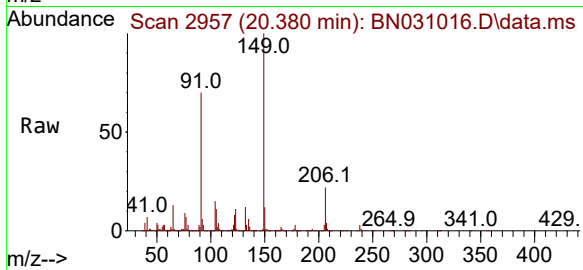
Tgt Ion:149 Resp: 1534699

Ion Ratio Lower Upper

149 100

91 70.2 58.2 87.2

206 21.9 15.4 23.0



#84

3,3'-Dichlorobenzidine

Concen: 44.945 ng/ul

RT: 21.186 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

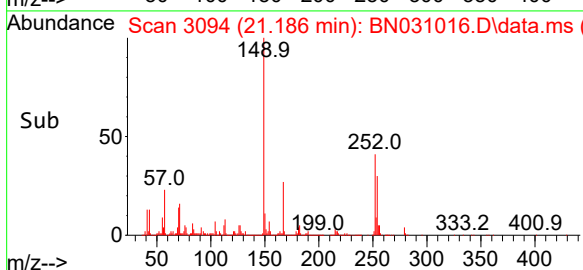
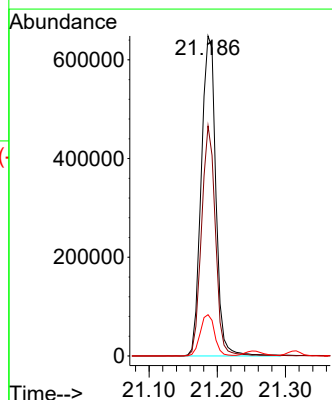
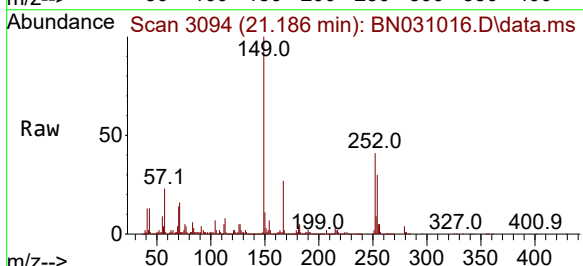
Tgt Ion:252 Resp: 962951

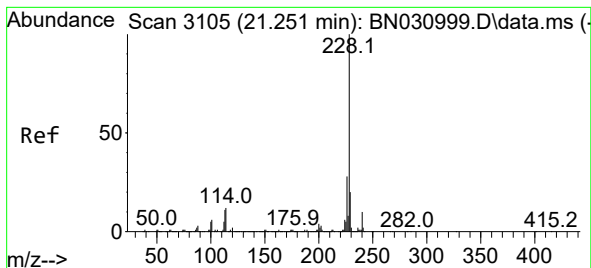
Ion Ratio Lower Upper

252 100

254 71.9 51.1 76.7

126 12.9 9.3 13.9





#85

Benzo(a)anthracene

Concen: 45.396 ng/ul

RT: 21.257 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

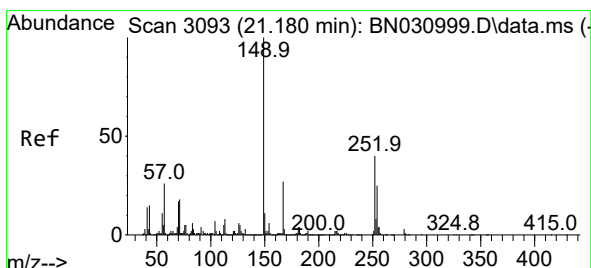
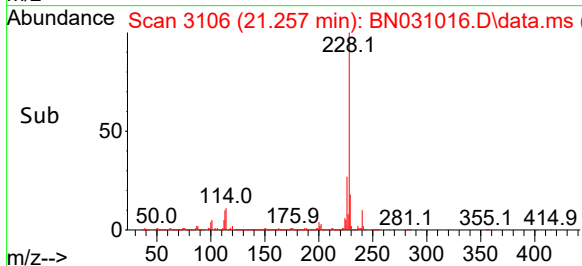
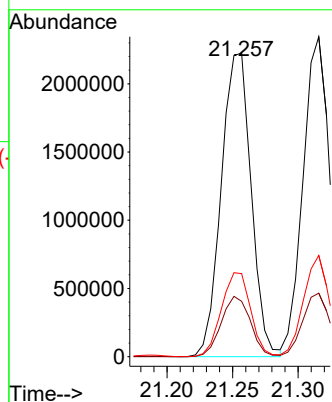
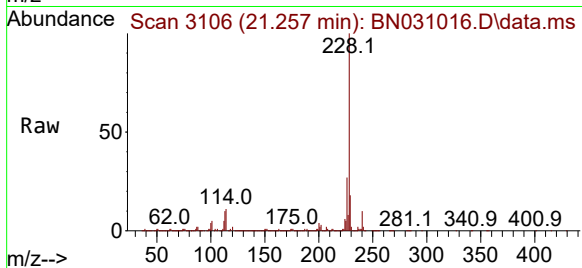
Tgt Ion:228 Resp: 3532568

Ion Ratio Lower Upper

228 100

229 18.3 15.8 23.6

226 27.4 20.5 30.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 48.123 ng/ul

RT: 21.180 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

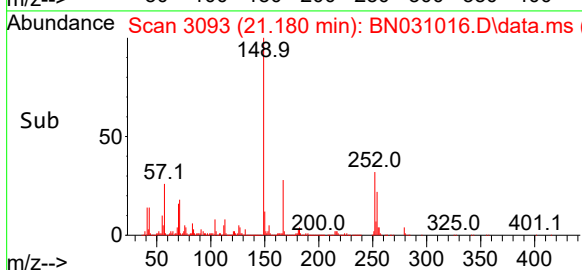
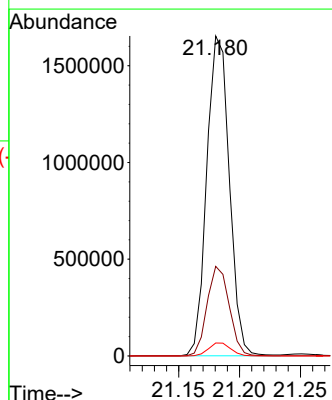
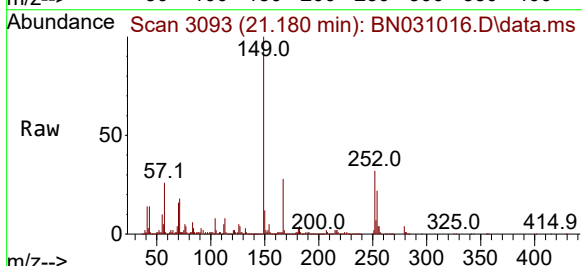
Tgt Ion:149 Resp: 2132971

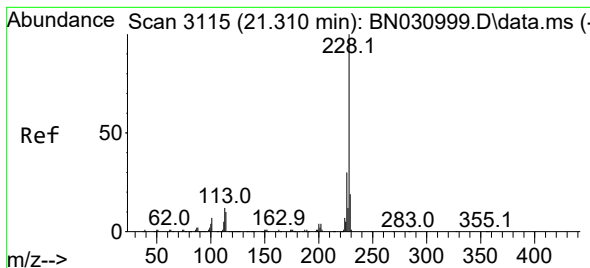
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.0

279 4.0 3.5 5.3





#87

Chrysene

Concen: 45.313 ng/ul

RT: 21.316 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

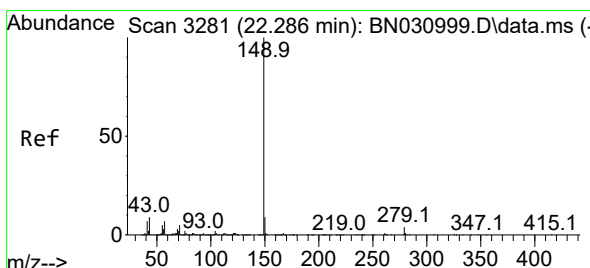
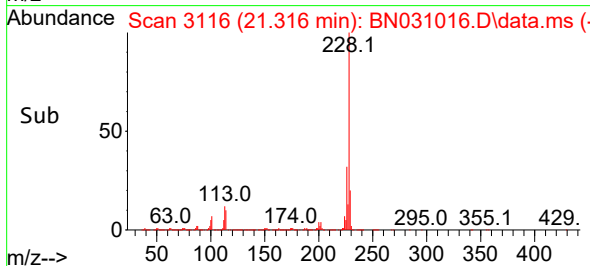
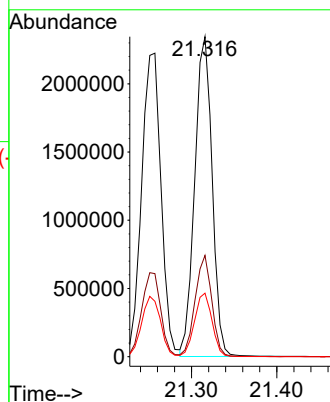
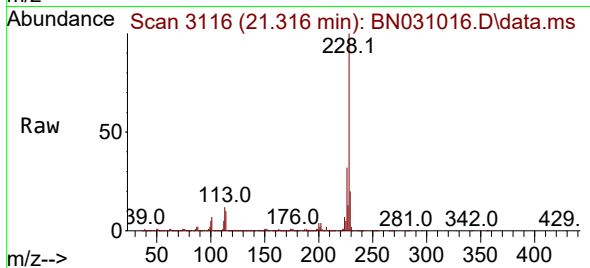
Tgt Ion:228 Resp: 3328219

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 19.8 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 44.690 ng/ul

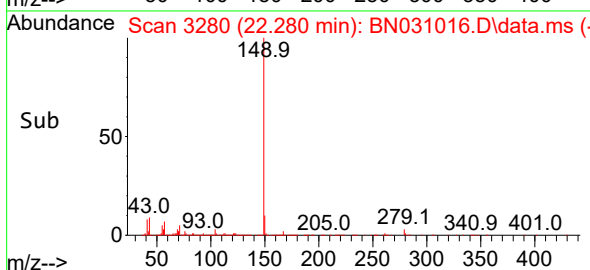
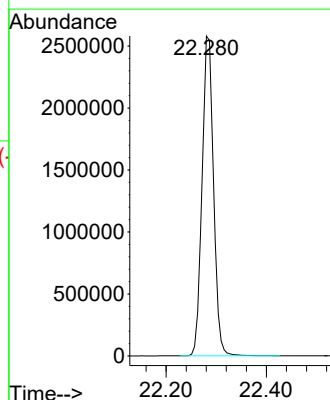
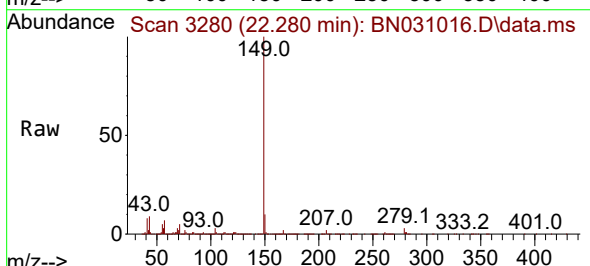
RT: 22.280 min Scan# 3280

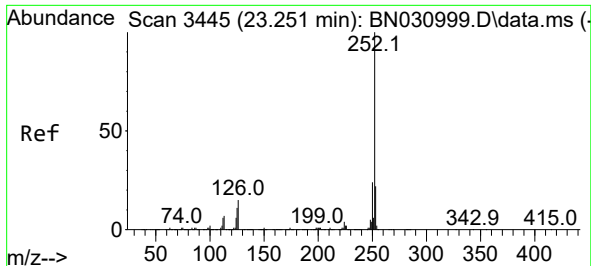
Delta R.T. -0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Tgt Ion:149 Resp: 4109570

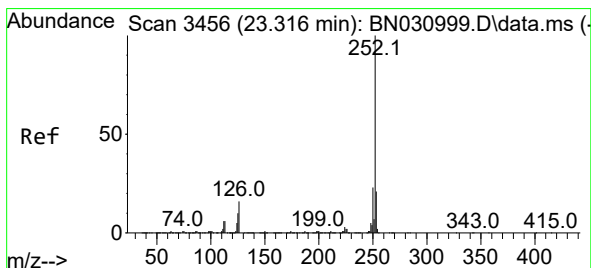
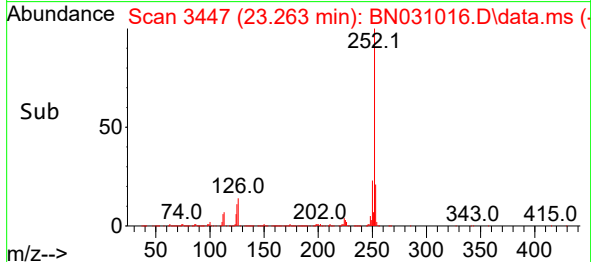
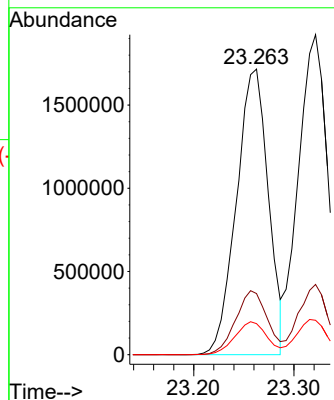
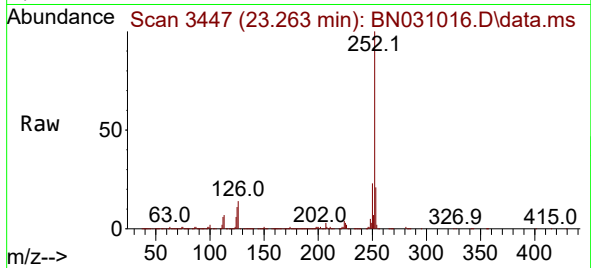




#90
Benzo(b)fluoranthene
Concen: 44.401 ng/ul
RT: 23.263 min Scan# 3445
Delta R.T. 0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

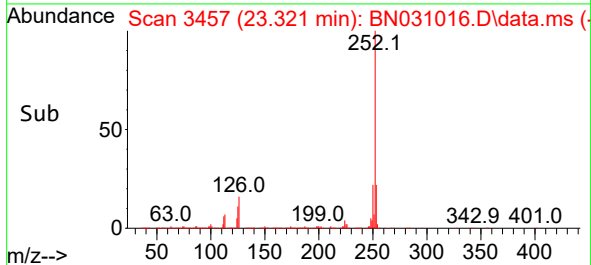
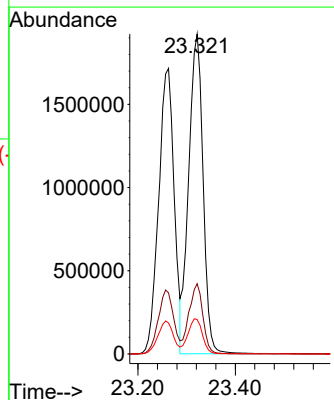
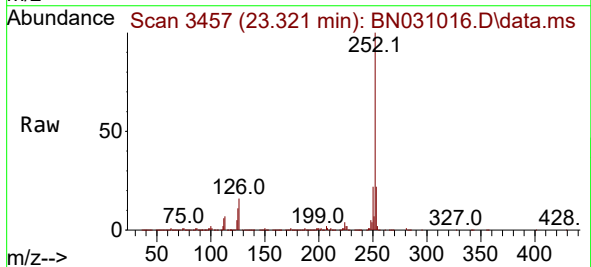
Instrument :
BNA_M
ClientSampleId :

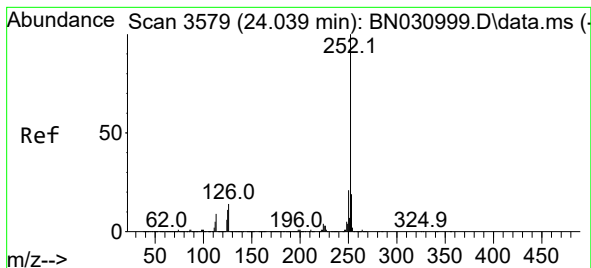
Tgt Ion:252 Resp: 3794362
Ion Ratio Lower Upper
252 100
253 21.4 16.7 25.1
125 10.9 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 45.504 ng/ul
RT: 23.321 min Scan# 3457
Delta R.T. 0.006 min
Lab File: BN031016.D
Acq: 18 Apr 2024 19:54

Tgt Ion:252 Resp: 3949217
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 10.8 8.5 12.7





#93

Benzo(a)pyrene

Concen: 42.073 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. 0.000 min

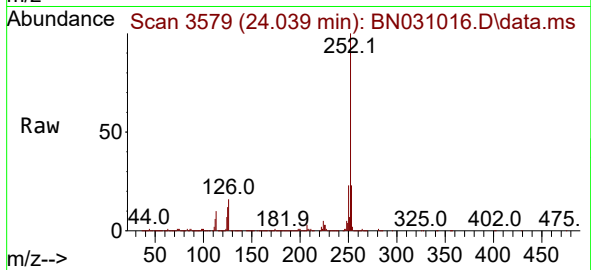
Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :



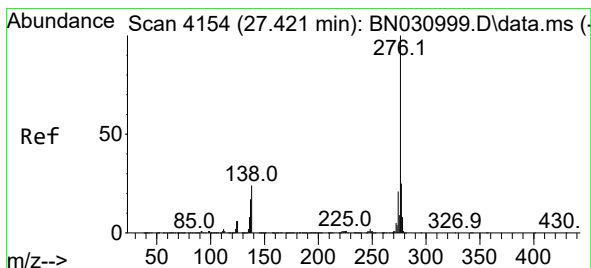
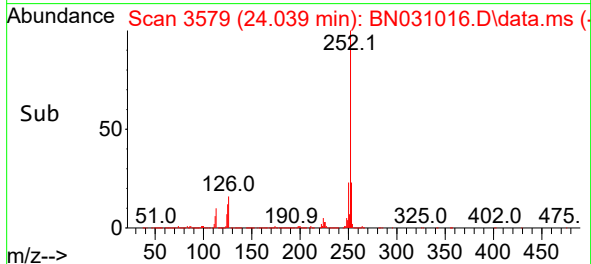
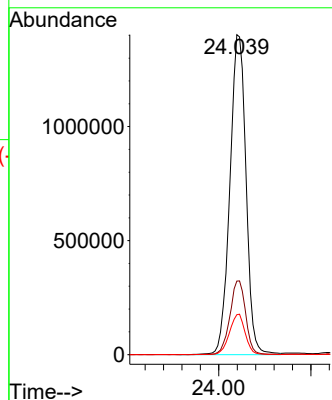
Tgt Ion:252 Resp: 3396438

Ion Ratio Lower Upper

252 100

253 23.0 16.7 25.1

125 12.5 9.6 14.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 55.464 ng/ul

RT: 27.439 min Scan# 4157

Delta R.T. 0.000 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

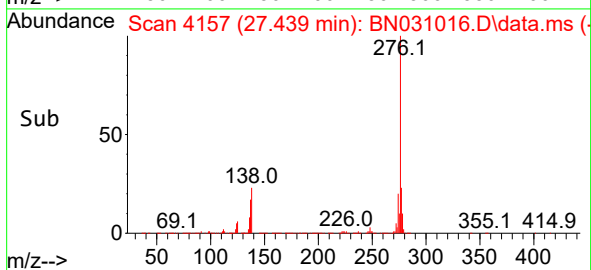
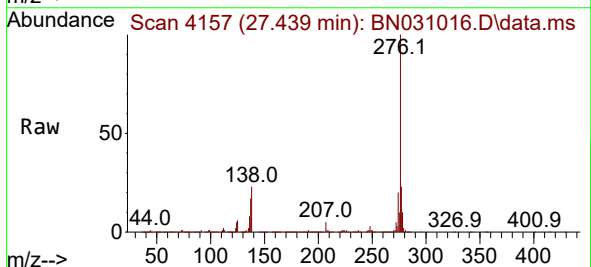
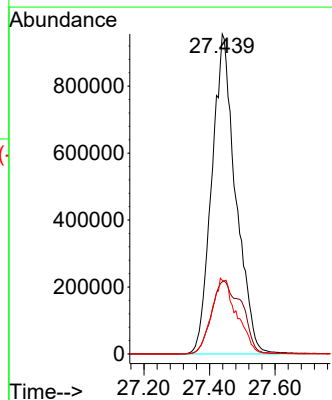
Tgt Ion:276 Resp: 4840062

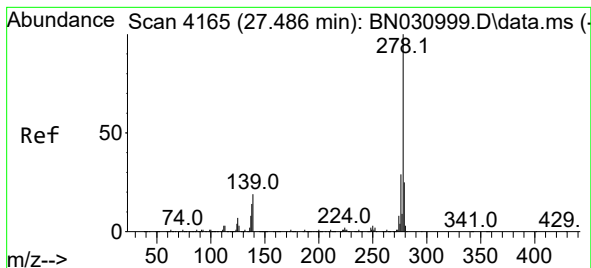
Ion Ratio Lower Upper

276 100

138 22.6 17.8 26.8

277 23.0 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 53.033 ng/ul

RT: 27.498 min Scan# 4167

Delta R.T. 0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Instrument :

BNA_M

ClientSampleId :

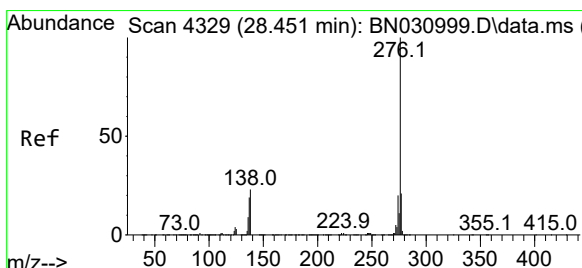
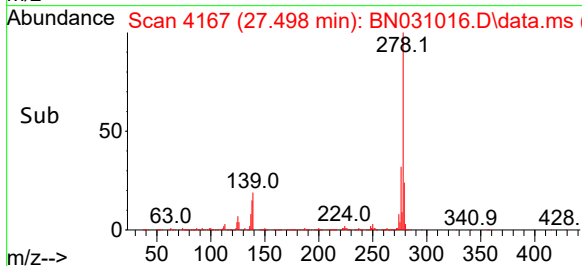
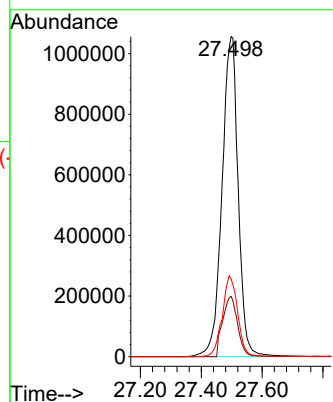
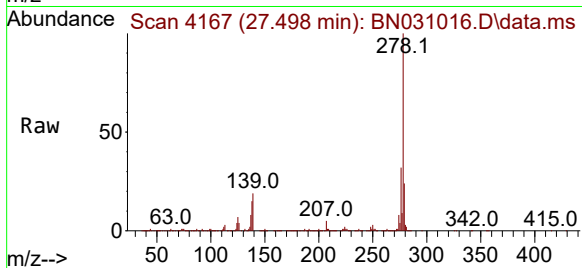
Tgt Ion:278 Resp: 3895941

Ion Ratio Lower Upper

278 100

139 18.9 13.2 19.8

279 24.3 17.4 26.2



#96

Benzo(g,h,i)perylene

Concen: 35.983 ng/ul

RT: 28.451 min Scan# 4329

Delta R.T. 0.006 min

Lab File: BN031016.D

Acq: 18 Apr 2024 19:54

Tgt Ion:276 Resp: 2465126

Ion Ratio Lower Upper

276 100

138 23.3 19.3 28.9

277 21.2 20.1 30.1

