

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031312.D
 Acq On : 30 Apr 2024 08:27
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 22:55:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 29 16:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	313268	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1450945	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	993927	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	2101237	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1892711	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1959355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	48734	7.243	ng/uL	0.00
4) Pyridine-d5	3.540	84	362361	18.806	ng/ul	0.00
7) Phenol-d5	6.793	99	453362	17.984	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	273630	18.539	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	369212	18.308	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	377835	18.087	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	190048	18.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	206273	18.329	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	388179	18.574	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	567399	18.735	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1171338	17.876	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1374473	18.078	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	233359	19.624	ng/ul	0.00
60) Fluorene-d10	15.263	176	1021350	18.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	186810	17.288	ng/ul	0.00
73) Anthracene-d10	17.116	188	1582631	18.250	ng/ul	0.00
81) Pyrene-d10	19.416	212	1825748	15.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1649502	18.184	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	51230	6.995	ng/uL	92
5) Pyridine	3.558	79	361882	18.695	ng/ul	96
6) Benzaldehyde	6.769	77	280271	22.144	ng/ul	95
8) Phenol	6.822	94	471066	18.386	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	383285	18.480	ng/ul	99
12) 2-Chlorophenol	7.181	128	383253	18.278	ng/ul	99
13) 2-Methylphenol	8.058	108	360631	18.124	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	504737	18.442	ng/ul	99
16) Acetophenone	8.440	105	595041	19.158	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	293456	17.995	ng/ul	99
18) 4-Methylphenol	8.387	108	400489	18.389	ng/ul	97
19) Hexachloroethane	8.681	117	157821	18.602	ng/ul	99
22) Nitrobenzene	8.816	77	446846	18.211	ng/ul	98
23) Isophorone	9.340	82	872736	18.227	ng/ul	100
25) 2-Nitrophenol	9.516	139	224994	18.326	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	422102	18.289	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.822	93	548034	18.197	ng/ul	100
29) 2,4-Dichlorophenol	10.046	162	375950	18.221	ng/ul	99
30) Naphthalene	10.446	128	1289960	18.092	ng/ul	99
32) 4-Chloroaniline	10.563	127	550858	18.996	ng/ul	99
33) Hexachlorobutadiene	10.722	225	220938	18.115	ng/ul	98
34) Caprolactam	11.351	113	78460	10.646	ng/ul	98
35) 4-Chloro-3-methylphenol	11.693	107	437449	18.459	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	910295	18.414	ng/ul	93

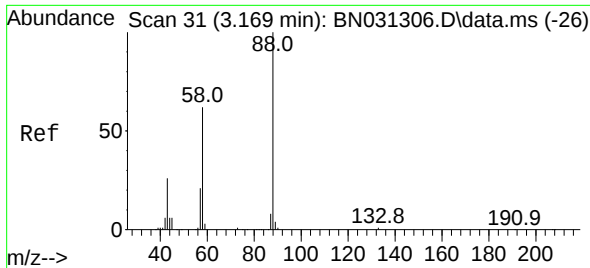
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
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 Quant Title : SVOA CALIBRATION
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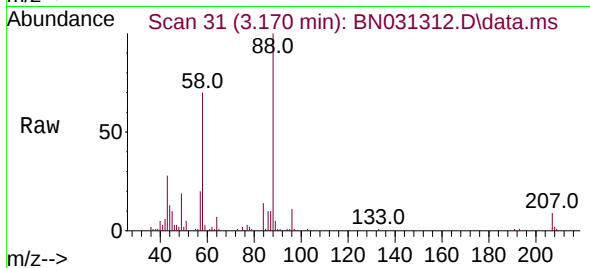
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	917963	18.357	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	446240	17.395	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	231418	16.116	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	311805	17.680	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	346172	17.998	ng/ul	96
43) 1,1'-Biphenyl	13.093	154	1203254	17.824	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	936002	17.556	ng/ul	100
45) 2-Nitroaniline	13.351	65	280481	18.573	ng/ul	98
47) Dimethylphthalate	13.728	163	1219177	18.159	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	249128	19.017	ng/ul	99
50) Acenaphthylene	13.981	152	1579907	18.261	ng/ul	99
51) 3-Nitroaniline	14.181	138	275768	19.546	ng/ul	99
52) Acenaphthene	14.328	153	1028601	17.921	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	116776	15.598	ng/ul	88
55) 4-Nitrophenol	14.498	109	188293	19.777	ng/ul	99
56) Dibenzofuran	14.663	168	1422794	18.255	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	364897	18.992	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.892	232	300670	18.702	ng/ul	97
59) Diethylphthalate	15.098	149	1251740	18.498	ng/ul	98
61) Fluorene	15.316	166	1134845	18.264	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	540135	18.020	ng/ul	97
63) 4-Nitroaniline	15.351	138	266582	20.635	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.404	198	199619	17.234	ng/ul	98
67) N-Nitrosodiphenylamine	15.534	169	984496	17.634	ng/ul	96
68) 4-Bromophenyl-phenylether	16.210	248	350334	17.822	ng/ul	91
69) Hexachlorobenzene	16.316	284	407250	17.965	ng/ul	99
70) Atrazine	16.492	200	348633	19.225	ng/ul	95
71) Pentachlorophenol	16.663	266	260767	18.999	ng/ul	93
72) Phenanthrene	17.057	178	1897568	18.248	ng/ul	97
74) Anthracene	17.151	178	1900412	18.275	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	456210	17.141	ng/uL	98
76) Pentachlorobenzene	14.581	250	462107	17.704	ng/uL	94
77) Carbazole	17.428	167	1762496	19.405	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2199972	18.691	ng/ul	100
80) Fluoranthene	19.080	202	2211144	16.001	ng/ul	97
82) Pyrene	19.451	202	2278313	16.162	ng/ul	97
83) Butylbenzylphthalate	20.363	149	1006723	17.094	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.169	252	653850	19.308	ng/ul	98
85) Benzo(a)anthracene	21.233	228	2208895	17.883	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1430683	18.464	ng/ul	98
87) Chrysene	21.298	228	2053694	17.745	ng/ul	97
89) Di-n-octyl phthalate	22.257	149	2517558	17.342	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2018415	16.999	ng/ul	95
91) Benzo(k)fluoranthene	23.286	252	2148586	18.399	ng/ul	97
93) Benzo(a)pyrene	24.010	252	1924587	18.122	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.374	276	1448168	12.035	ng/ul	98
95) Dibenzo(a,h)anthracene	27.445	278	1754337	17.550	ng/ul	99
96) Benzo(g,h,i)perylene	28.392	276	1685730	17.367	ng/ul	98

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

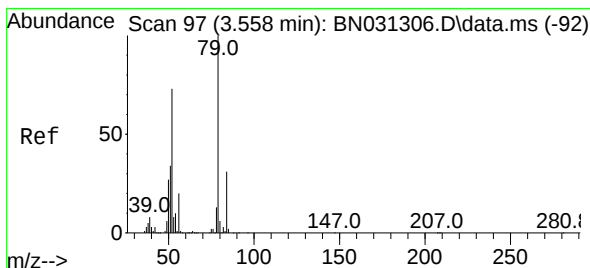
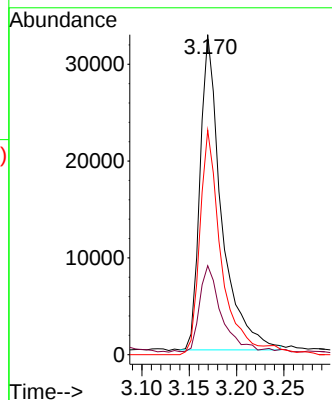
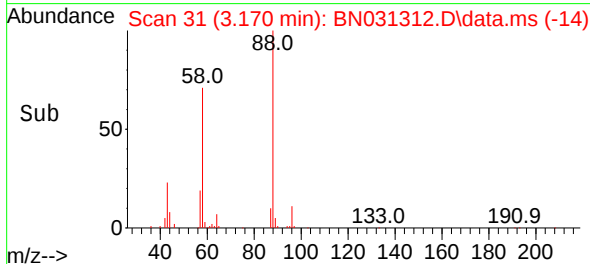


#2
1,4-Dioxane
Concen: 6.995 ng/uL
RT: 3.170 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

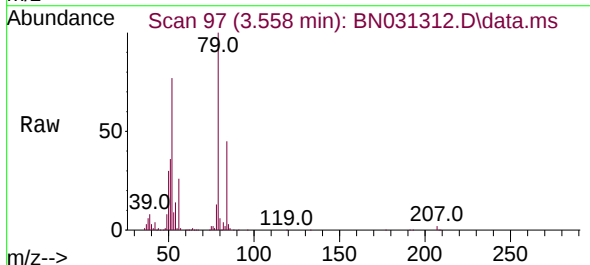
Instrument :
BNA_N
ClientSampleId :



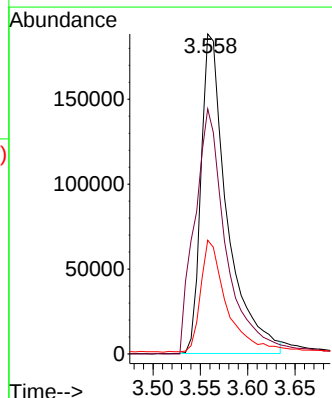
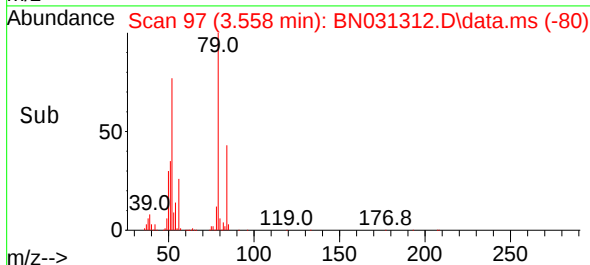
Tgt Ion: 88 Resp: 51230
Ion Ratio Lower Upper
88 100
43 27.8 21.7 32.5
58 70.1 49.1 73.7

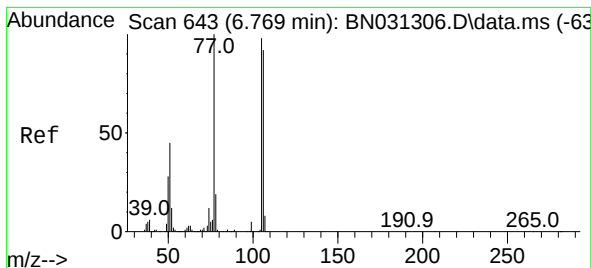


#5
Pyridine
Concen: 18.695 ng/uL
RT: 3.558 min Scan# 97
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27



Tgt Ion: 79 Resp: 361882
Ion Ratio Lower Upper
79 100
52 76.6 58.3 87.5
51 35.6 27.7 41.5





#6

Benzaldehyde

Concen: 22.144 ng/ul

RT: 6.769 min Scan# 643

Delta R.T. 0.000 min

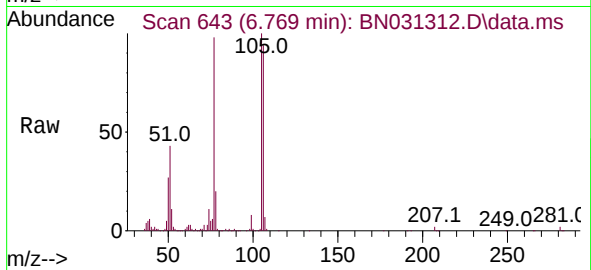
Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :



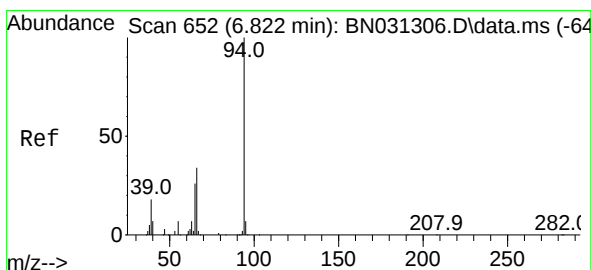
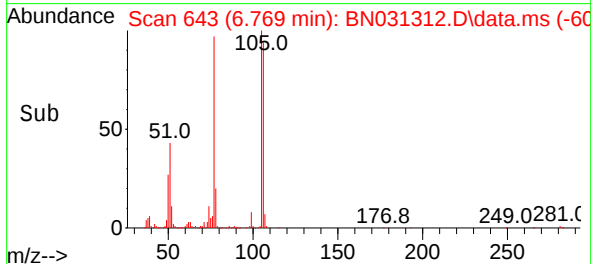
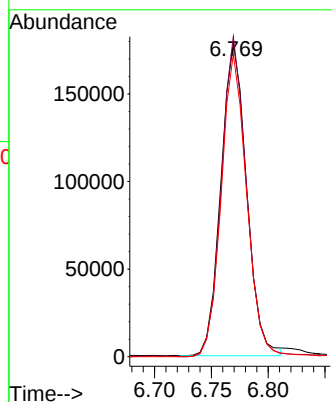
Tgt Ion: 77 Resp: 280271

Ion Ratio Lower Upper

77 100

105 102.2 78.4 117.6

106 96.5 73.2 109.8



#8

Phenol

Concen: 18.386 ng/ul

RT: 6.822 min Scan# 652

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

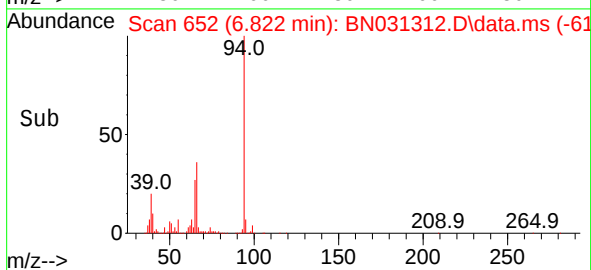
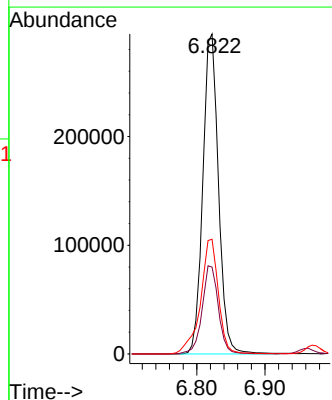
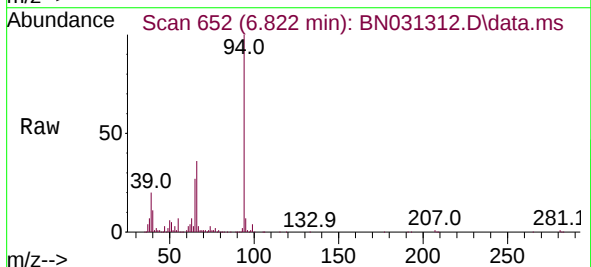
Tgt Ion: 94 Resp: 471066

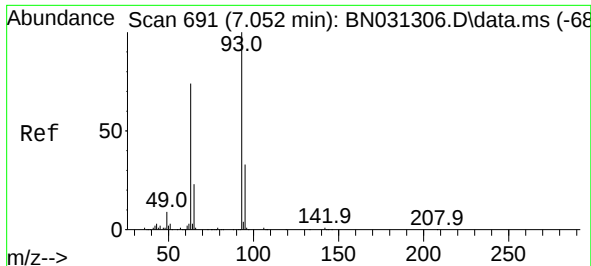
Ion Ratio Lower Upper

94 100

65 27.1 21.2 31.8

66 35.8 28.9 43.3



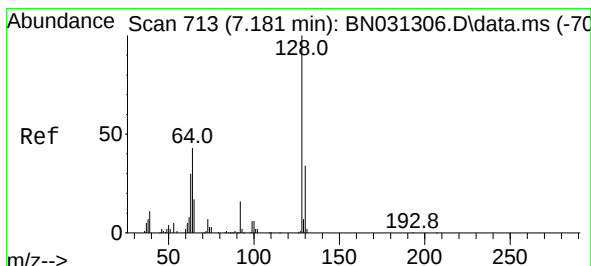
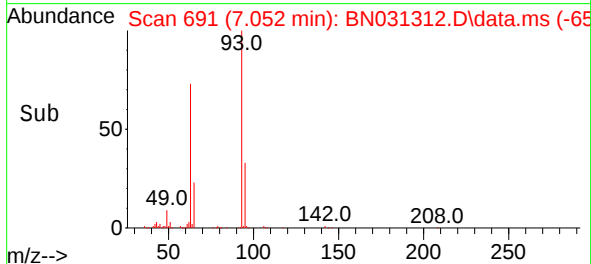
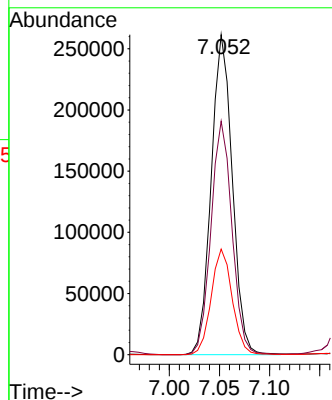
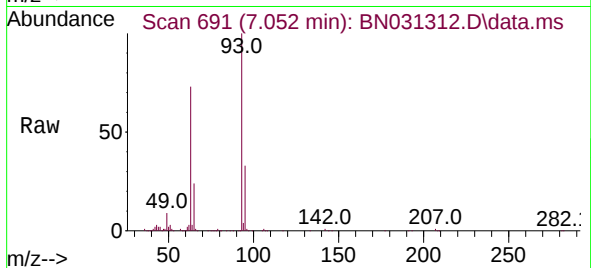


#10
 Bis(2-Chloroethyl)ether
 Concen: 18.480 ng/ul
 RT: 7.052 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 93 Resp: 383285

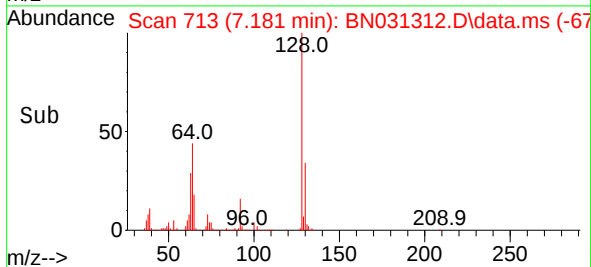
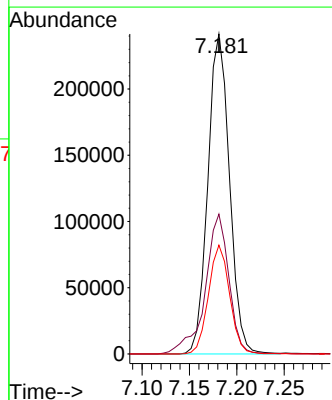
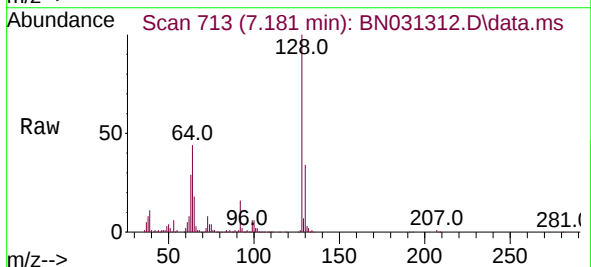
Ion	Ratio	Lower	Upper
93	100		
63	73.0	59.6	89.4
95	33.0	26.5	39.7

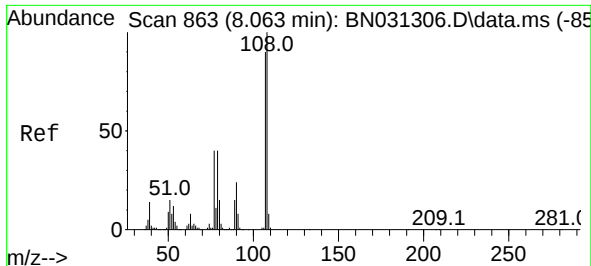


#12
 2-Chlorophenol
 Concen: 18.278 ng/ul
 RT: 7.181 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Tgt Ion: 128 Resp: 383253

Ion	Ratio	Lower	Upper
128	100		
64	43.7	35.8	53.6
130	34.0	27.0	40.4

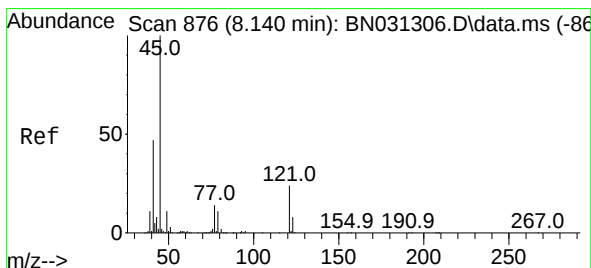
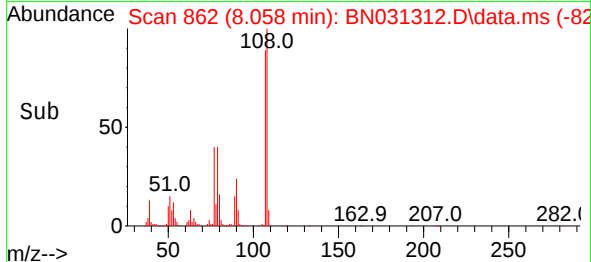
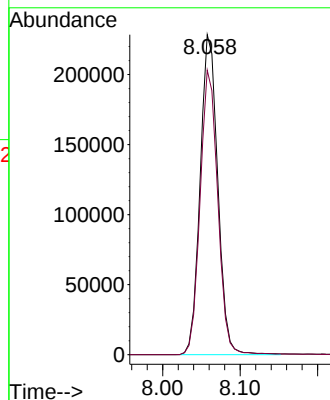
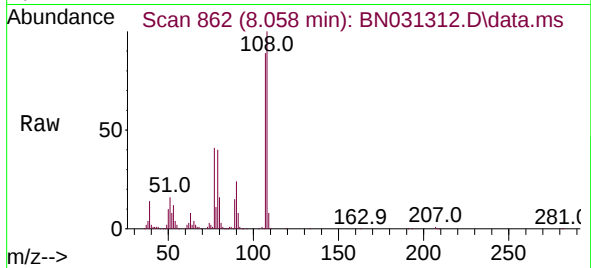




#13
2-Methylphenol
Concen: 18.124 ng/ul
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

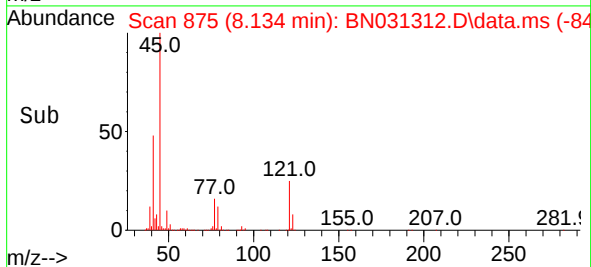
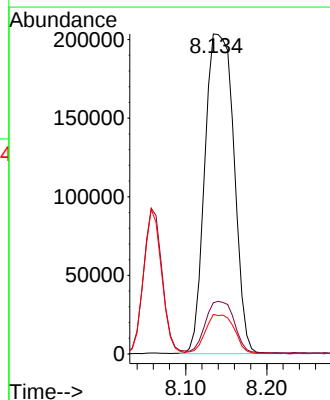
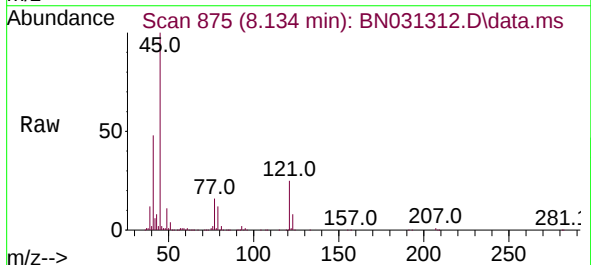
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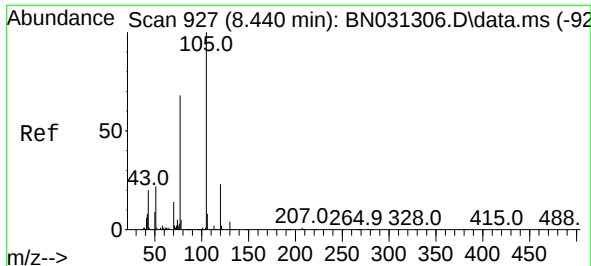
Tgt Ion:108 Resp: 360631
Ion Ratio Lower Upper
108 100
107 88.9 72.3 108.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.442 ng/ul
RT: 8.134 min Scan# 875
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion: 45 Resp: 504737
Ion Ratio Lower Upper
45 100
77 16.0 12.6 19.0
79 12.4 9.5 14.3

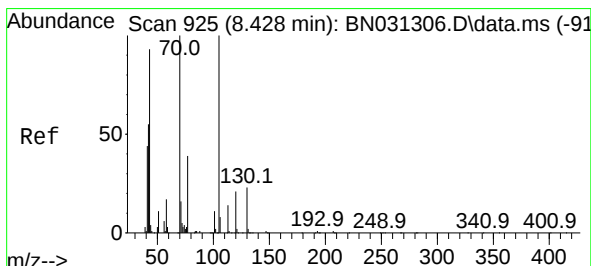
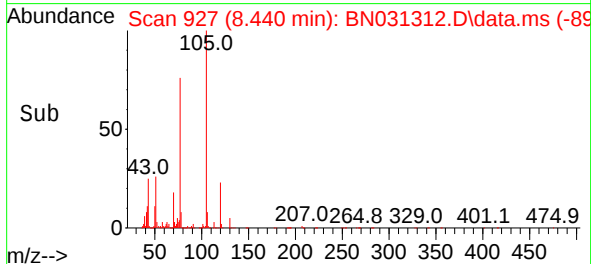
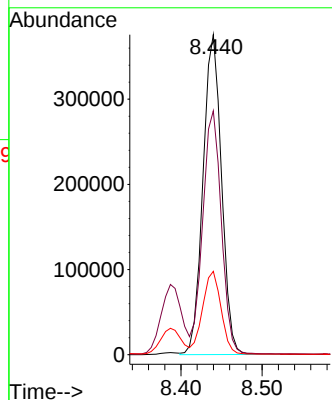
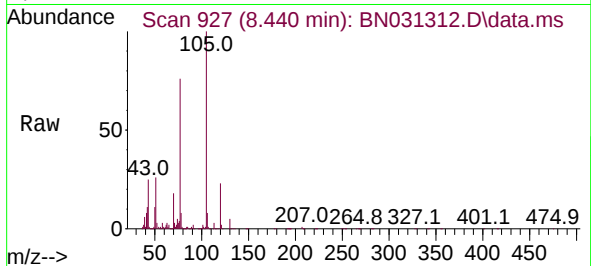




#16
Acetophenone
Concen: 19.158 ng/ul
RT: 8.440 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

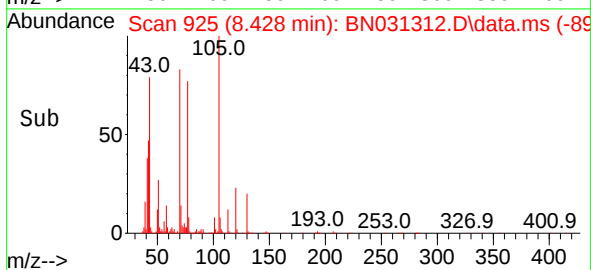
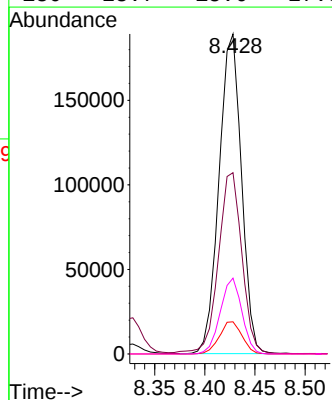
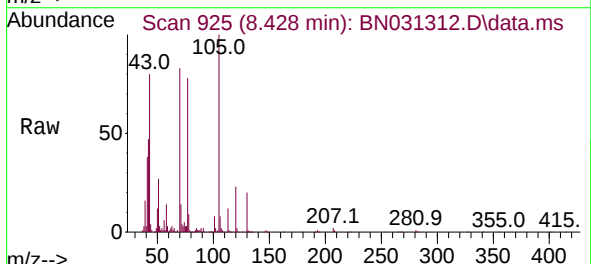
Instrument :
BNA_N
ClientSampleId :

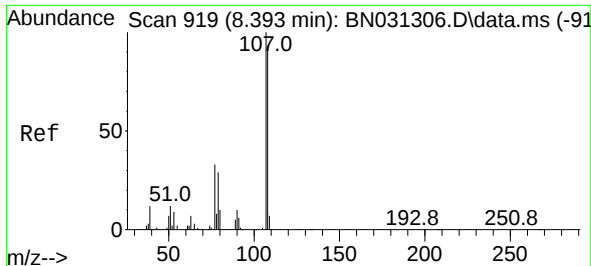
Tgt Ion:105 Resp: 595041
Ion Ratio Lower Upper
105 100
77 76.2 62.0 93.0
51 26.0 20.6 30.8



#17
N-Nitroso-di-n-propylamine
Concen: 17.995 ng/ul
RT: 8.428 min Scan# 925
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion: 70 Resp: 293456
Ion Ratio Lower Upper
70 100
42 56.7 44.7 67.1
101 10.0 8.5 12.7
130 23.7 18.6 27.8

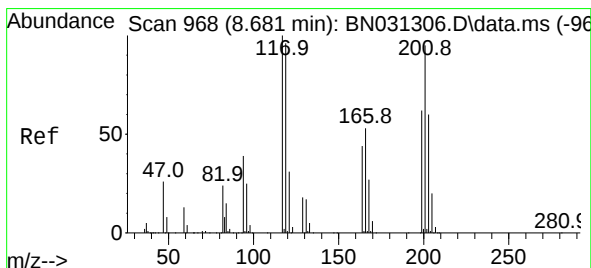
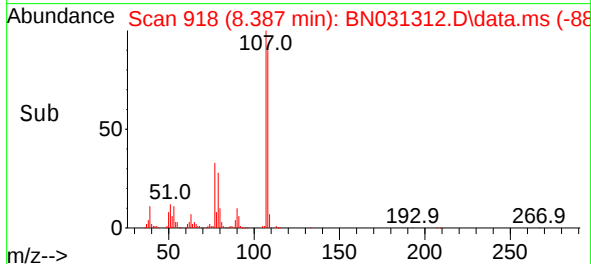
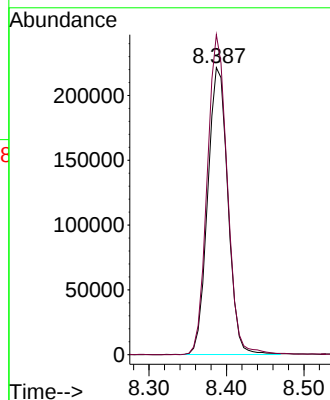
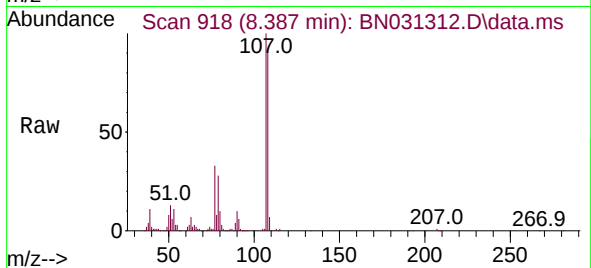




#18
4-Methylphenol
Concen: 18.389 ng/ul
RT: 8.387 min Scan# 919
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

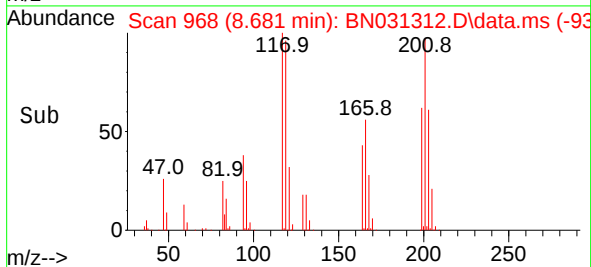
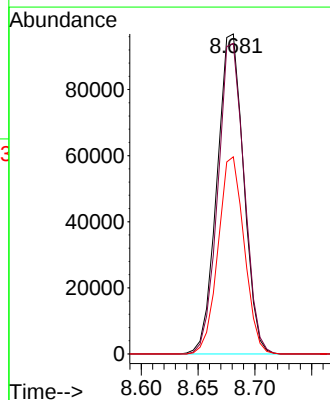
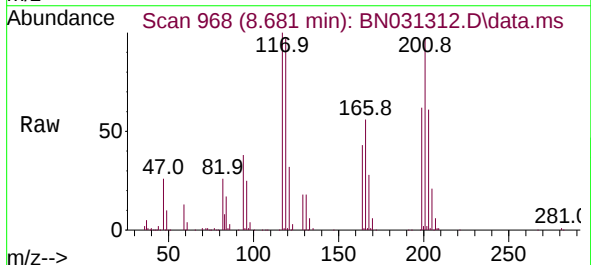
Instrument :
BNA_N
ClientSampleId :

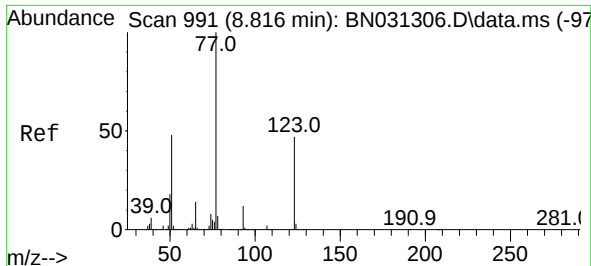
Tgt Ion:108 Resp: 400489
Ion Ratio Lower Upper
108 100
107 111.5 86.4 129.6



#19
Hexachloroethane
Concen: 18.602 ng/ul
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:117 Resp: 157821
Ion Ratio Lower Upper
117 100
201 97.1 76.3 114.5
199 61.6 49.6 74.4

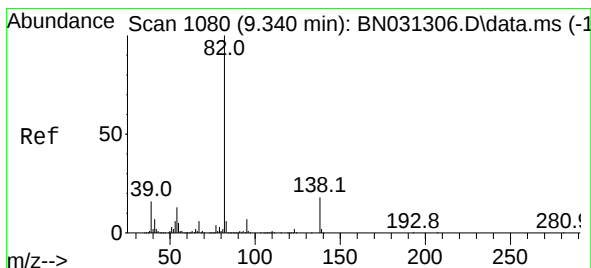
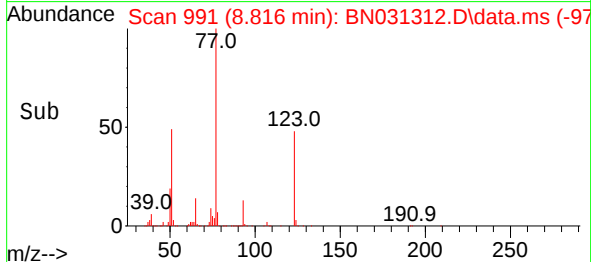
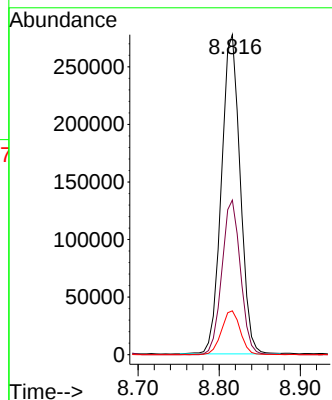
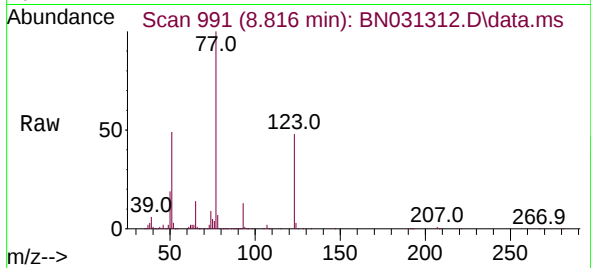




#22
Nitrobenzene
Concen: 18.211 ng/ul
RT: 8.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

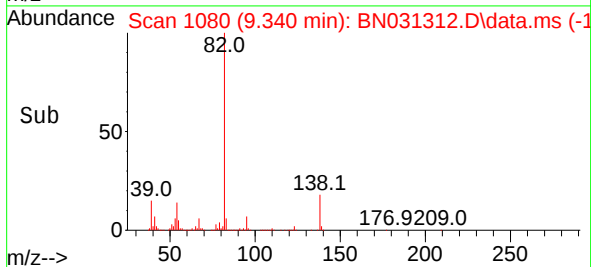
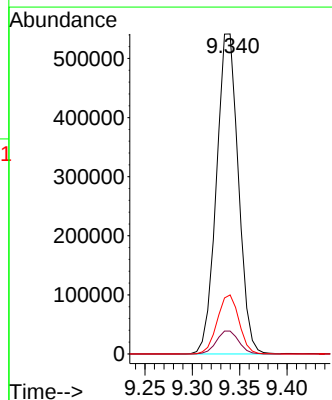
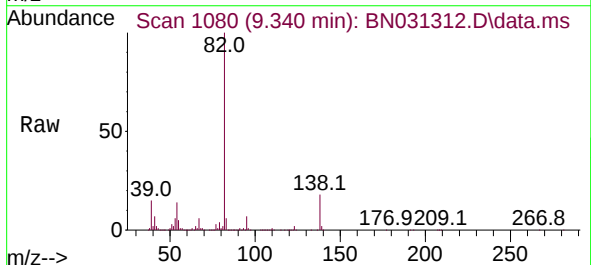
Instrument :
BNA_N
ClientSampleId :

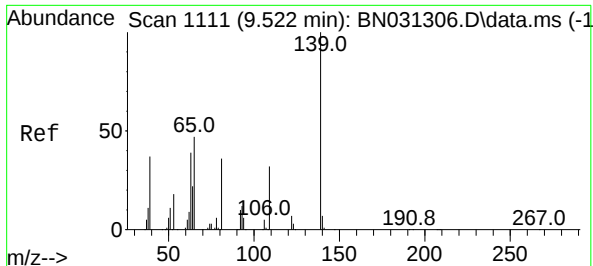
Tgt Ion: 77 Resp: 446846
Ion Ratio Lower Upper
77 100
123 48.3 37.3 55.9
65 13.7 10.8 16.2



#23
Isophorone
Concen: 18.227 ng/ul
RT: 9.340 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion: 82 Resp: 872736
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 18.5 14.8 22.2

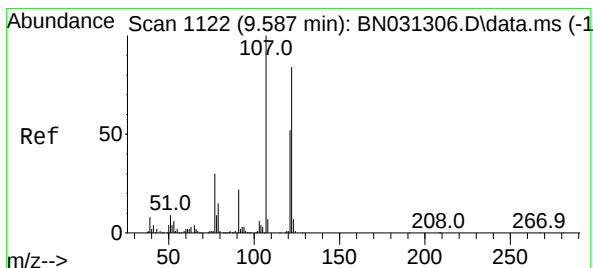
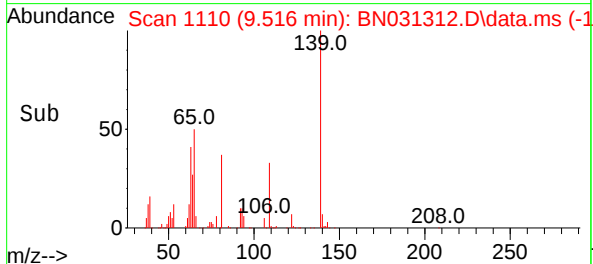
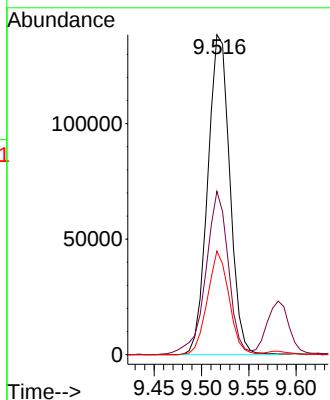
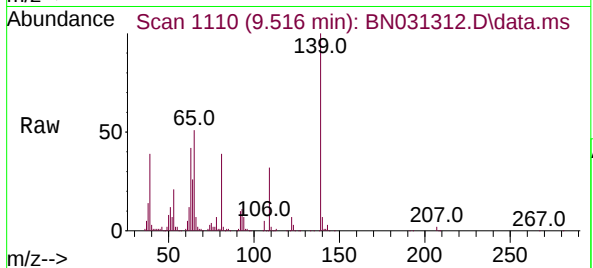




#25
2-Nitrophenol
Concen: 18.326 ng/ul
RT: 9.516 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

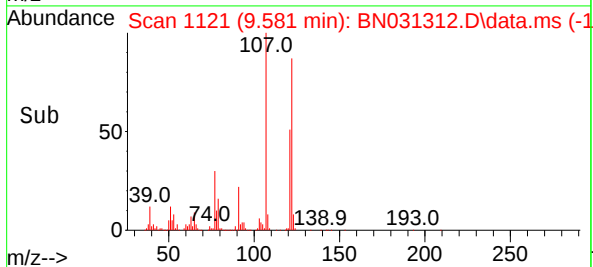
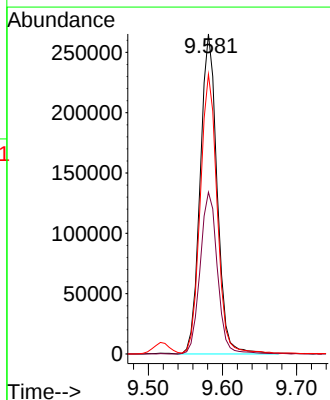
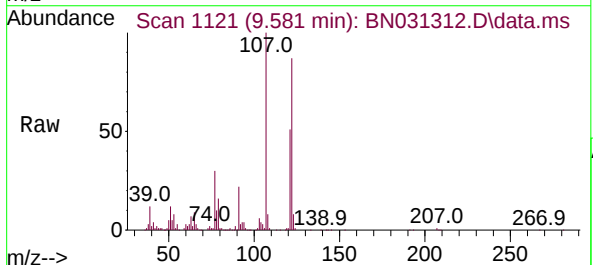
Instrument :
BNA_N
ClientSampleId :

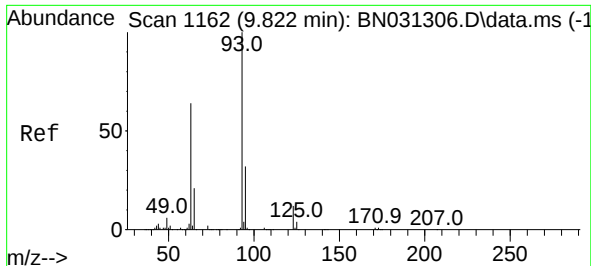
Tgt Ion:139 Resp: 224994
Ion Ratio Lower Upper
139 100
65 51.1 39.5 59.3
109 32.4 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 18.289 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:107 Resp: 422102
Ion Ratio Lower Upper
107 100
121 50.5 41.4 62.2
122 87.4 67.8 101.6

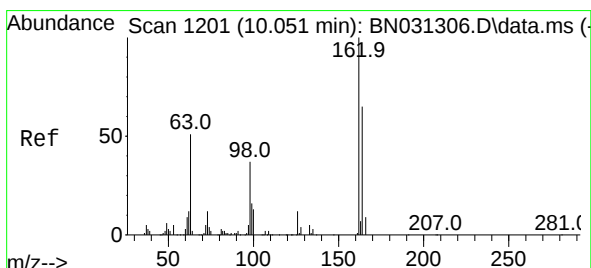
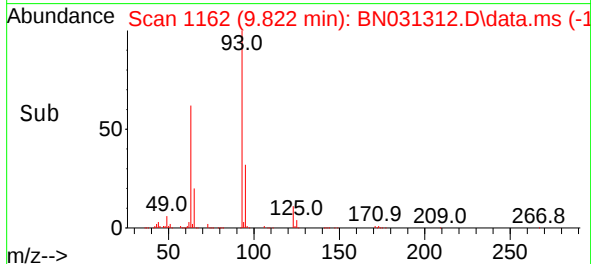
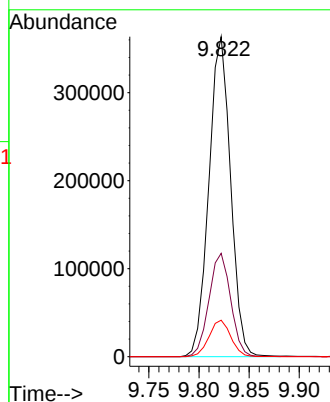
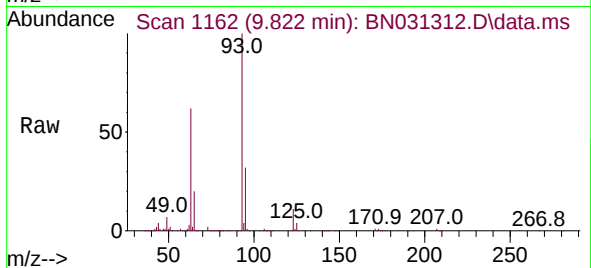




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.197 ng/ul
 RT: 9.822 min Scan# 1162
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

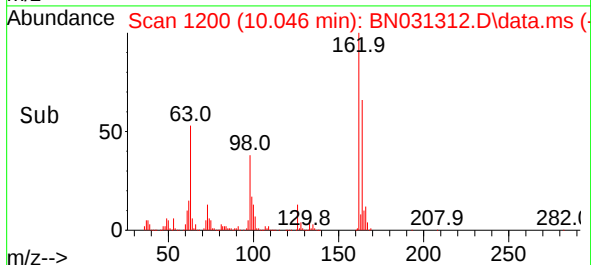
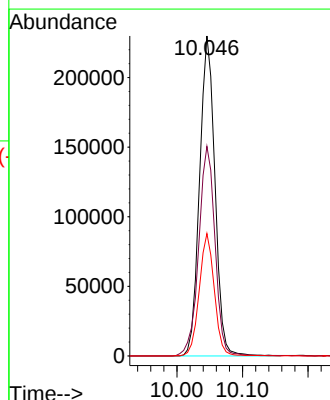
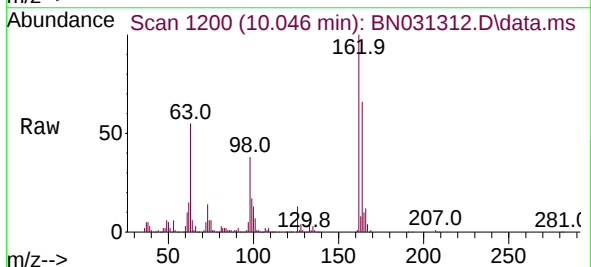
Instrument :
 BNA_N
 ClientSampleId :

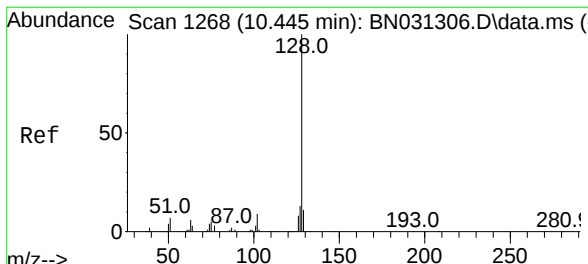
Tgt Ion: 93 Resp: 548034
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.9 38.9
 123 11.4 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 18.221 ng/ul
 RT: 10.046 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Tgt Ion: 162 Resp: 375950
 Ion Ratio Lower Upper
 162 100
 164 65.5 52.6 78.8
 98 38.3 29.5 44.3

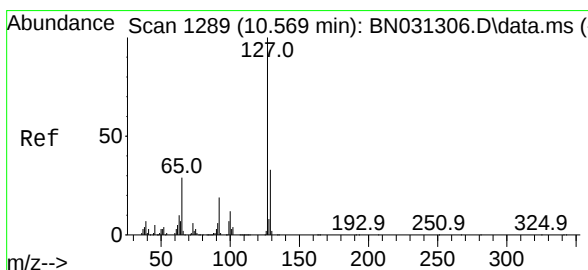
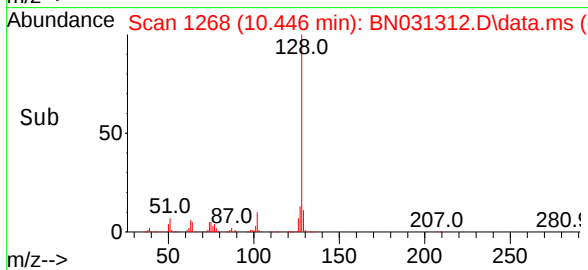
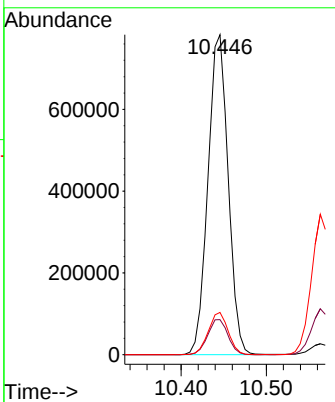
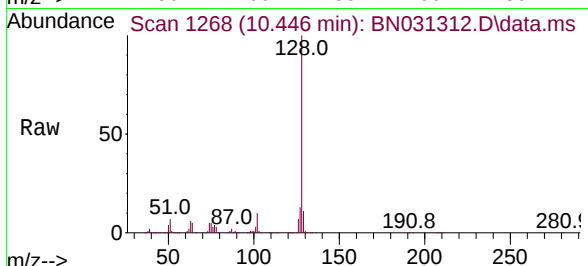




#30
Naphthalene
Concen: 18.092 ng/ul
RT: 10.446 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

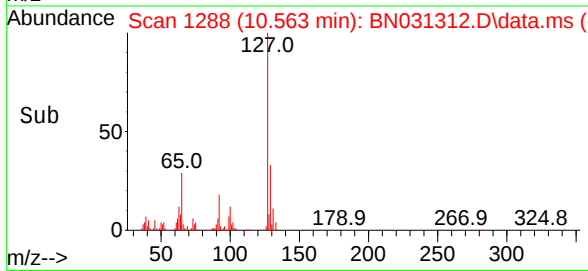
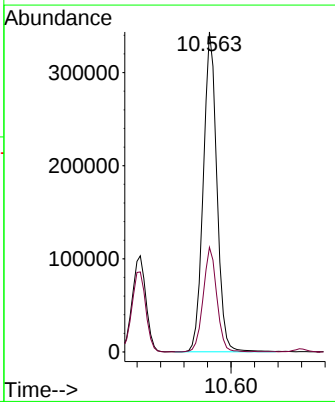
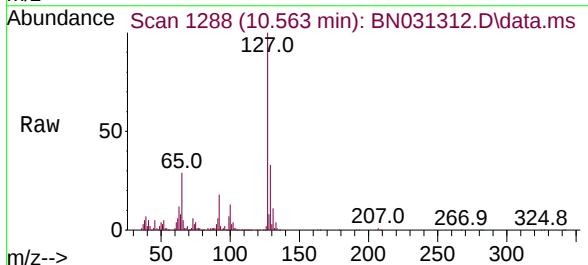
Instrument :
BNA_N
ClientSampleId :

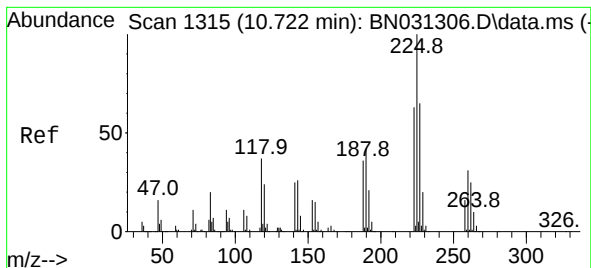
Tgt Ion:128 Resp: 1289960
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 10.7 16.1



#32
4-Chloroaniline
Concen: 18.996 ng/ul
RT: 10.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:127 Resp: 550858
Ion Ratio Lower Upper
127 100
129 32.7 26.8 40.2





#33

Hexachlorobutadiene

Concen: 18.115 ng/ul

RT: 10.722 min Scan# 1315

Delta R.T. 0.000 min

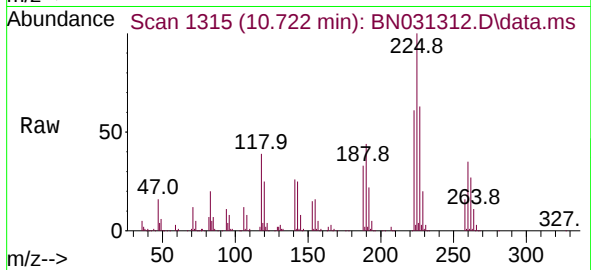
Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :



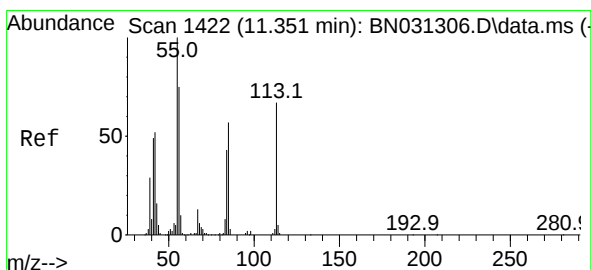
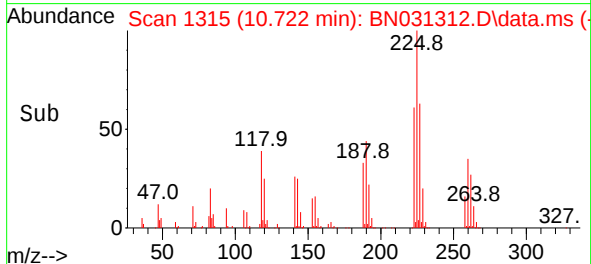
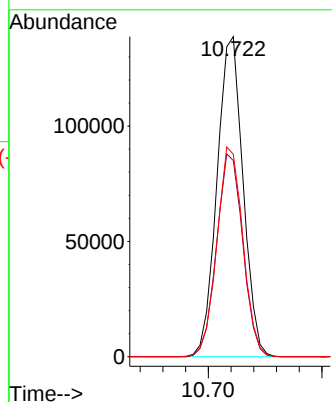
Tgt Ion:225 Resp: 220938

Ion Ratio Lower Upper

225 100

223 61.3 50.6 75.8

227 63.3 51.7 77.5



#34

Caprolactam

Concen: 10.646 ng/ul

RT: 11.351 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

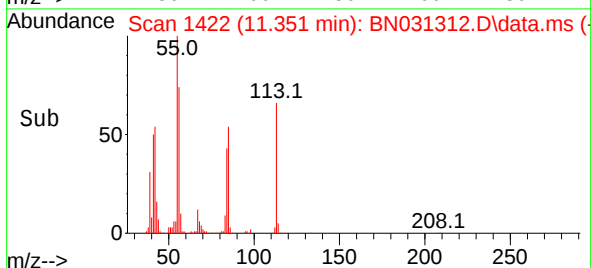
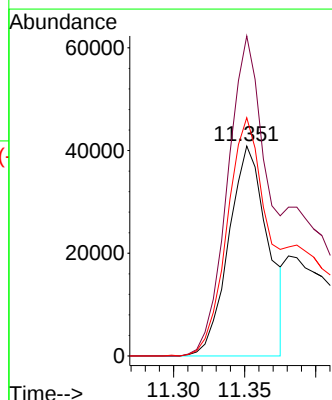
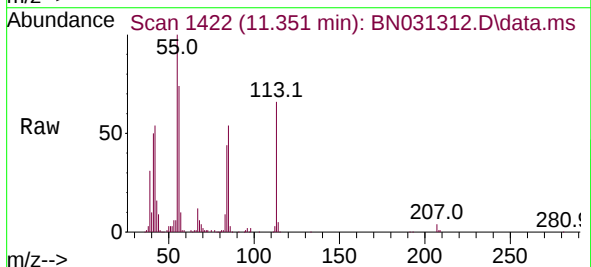
Tgt Ion:113 Resp: 78460

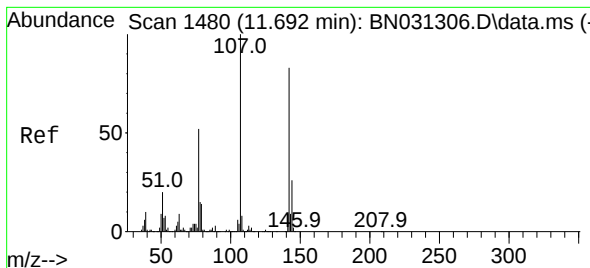
Ion Ratio Lower Upper

113 100

55 152.5 119.9 179.9

56 113.5 89.6 134.4

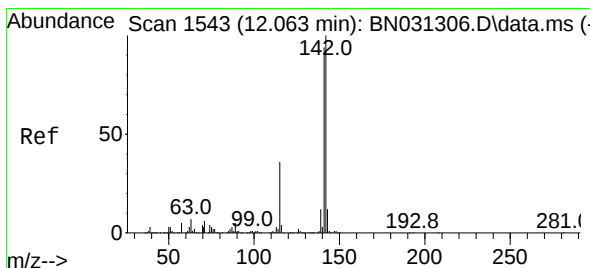
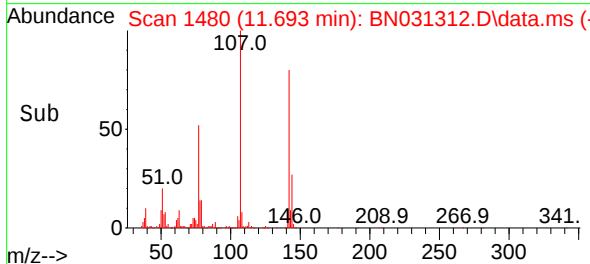
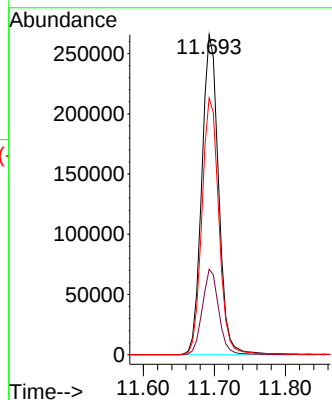
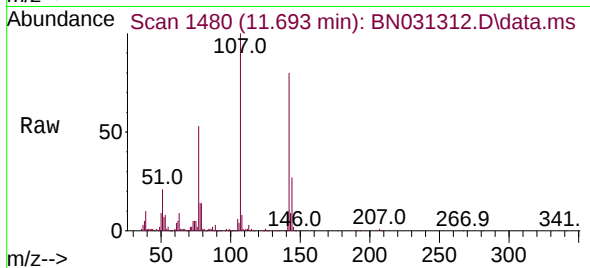




#35
4-Chloro-3-methylphenol
Concen: 18.459 ng/ul
RT: 11.693 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

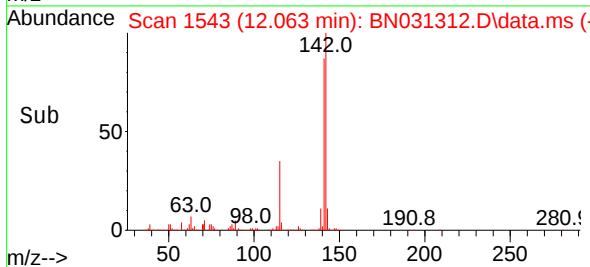
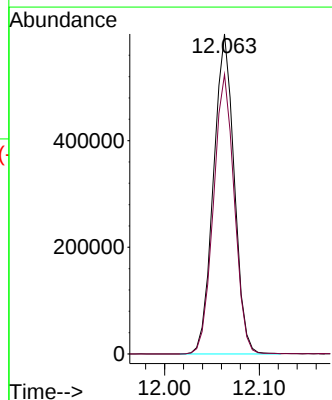
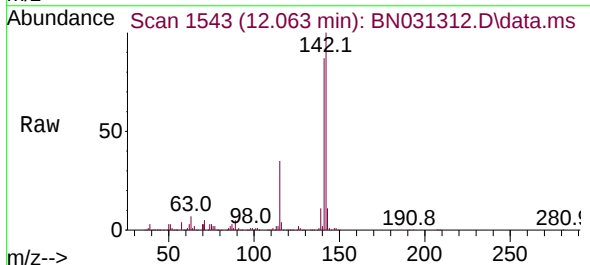
Instrument :
BNA_N
ClientSampleId :

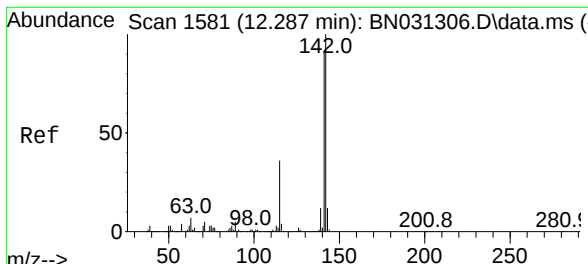
Tgt Ion:107 Resp: 437449
Ion Ratio Lower Upper
107 100
144 26.6 20.7 31.1
142 80.2 66.4 99.6



#36
2-Methylnaphthalene
Concen: 18.414 ng/ul
RT: 12.063 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:142 Resp: 910295
Ion Ratio Lower Upper
142 100
141 87.4 75.0 112.4



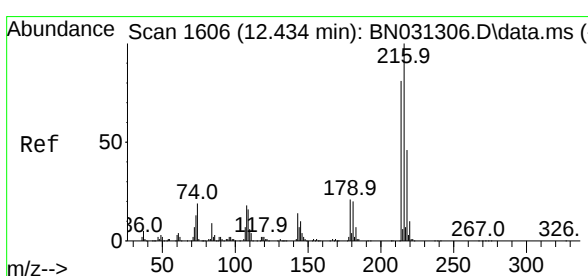
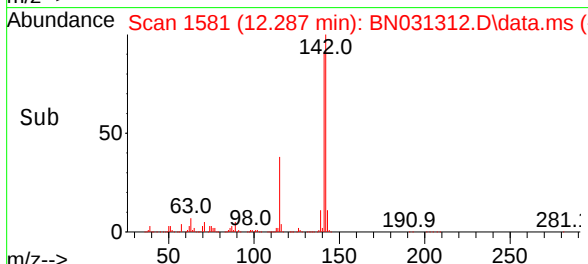
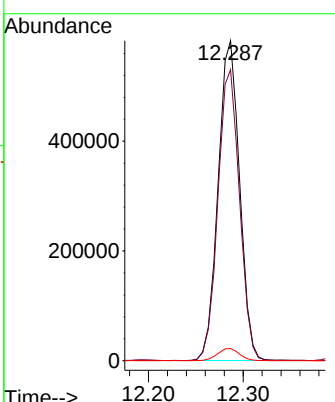
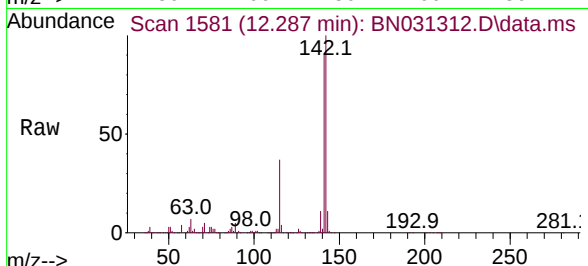


#37
 1-Methylnaphthalene
 Concen: 18.357 ng/ul
 RT: 12.287 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:142 Resp: 917963

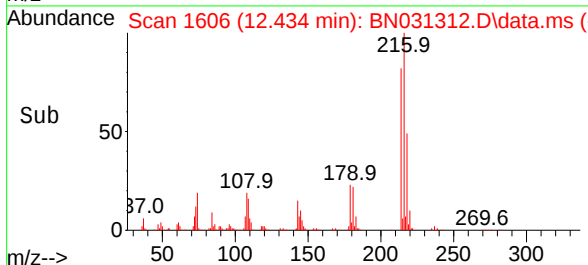
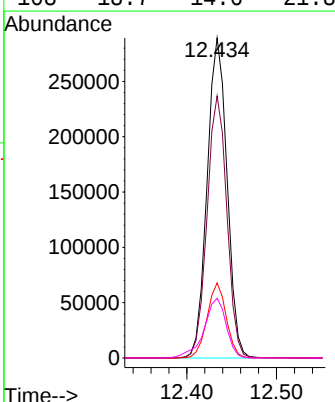
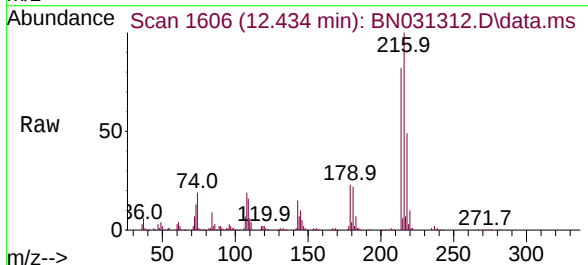
Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7
116	3.8	3.0	4.4

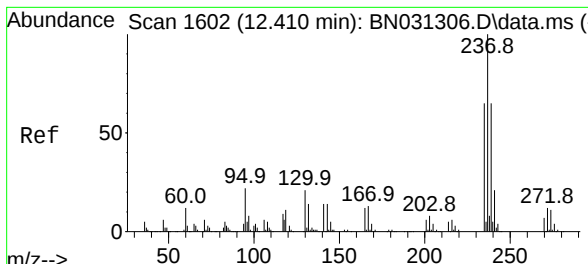


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.395 ng/ul
 RT: 12.434 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Tgt Ion:216 Resp: 446240

Ion	Ratio	Lower	Upper
216	100		
214	81.9	64.5	96.7
179	23.5	17.1	25.7
108	18.7	14.6	21.8

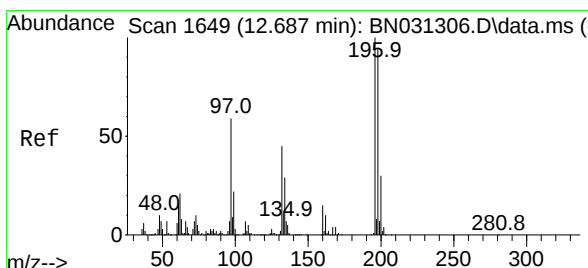
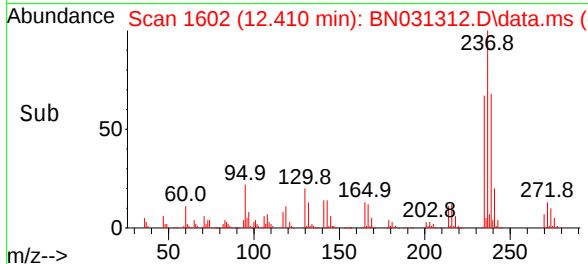
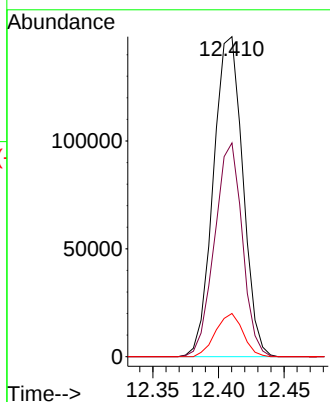
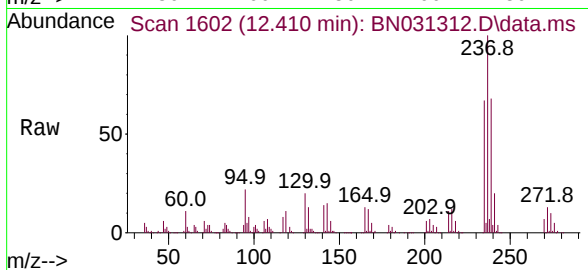




#40
 Hexachlorocyclopentadiene
 Concen: 16.116 ng/ul
 RT: 12.410 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

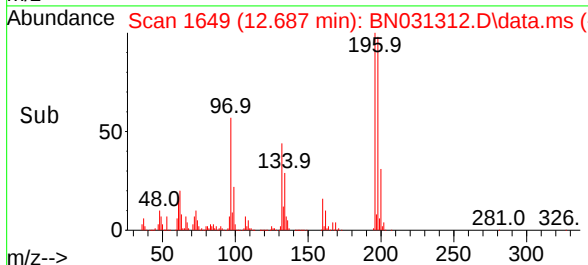
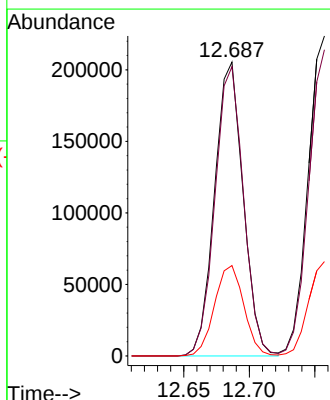
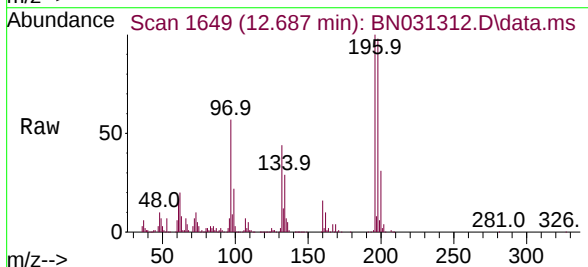
Instrument :
 BNA_N
 ClientSampleId :

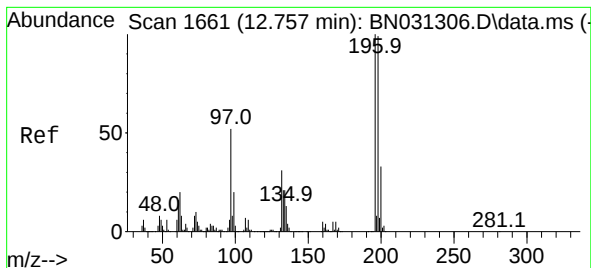
Tgt Ion:	237	Resp:	231418
Ion	Ratio	Lower	Upper
237	100		
235	66.8	52.2	78.2
272	13.5	9.3	13.9



#41
 2,4,6-Trichlorophenol
 Concen: 17.680 ng/ul
 RT: 12.687 min Scan# 1649
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Tgt Ion:	196	Resp:	311805
Ion	Ratio	Lower	Upper
196	100		
198	98.4	75.1	112.7
200	30.8	24.2	36.4





#42

2,4,5-Trichlorophenol

Concen: 17.998 ng/ul

RT: 12.757 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

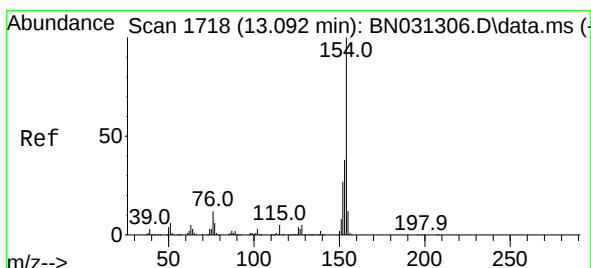
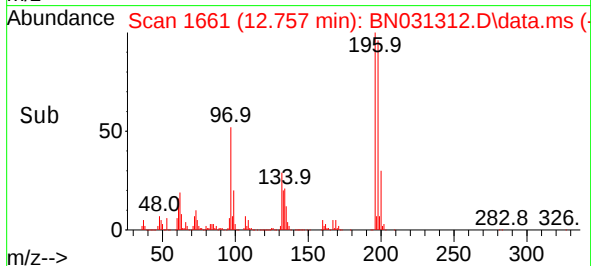
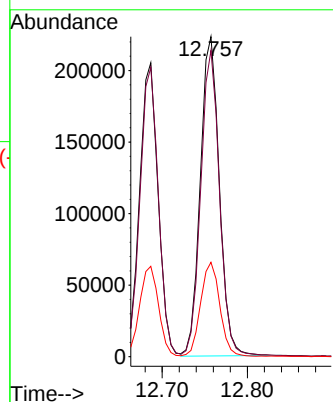
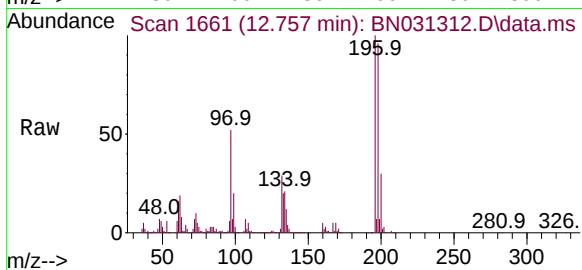
Tgt Ion:196 Resp: 346172

Ion Ratio Lower Upper

196 100

198 95.7 79.4 119.2

200 29.5 26.6 40.0



#43

1,1'-Biphenyl

Concen: 17.824 ng/ul

RT: 13.093 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

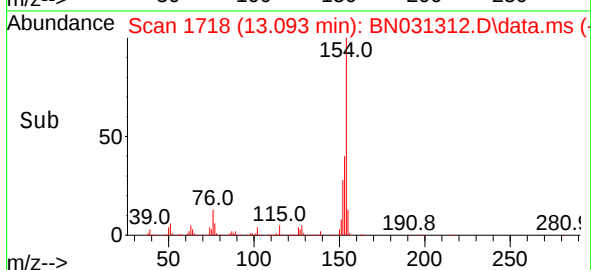
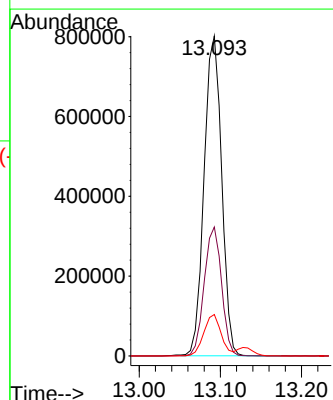
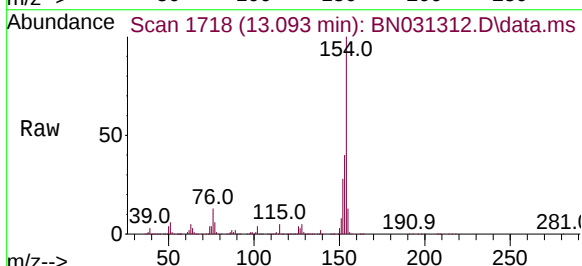
Tgt Ion:154 Resp: 1203254

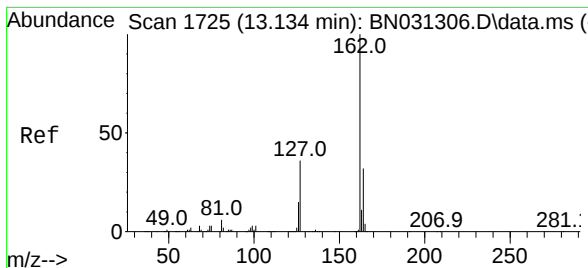
Ion Ratio Lower Upper

154 100

153 40.3 30.7 46.1

76 12.9 9.8 14.8





#44

2-Chloronaphthalene

Concen: 17.556 ng/ul

RT: 13.128 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

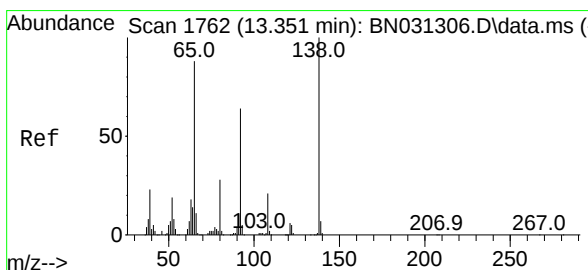
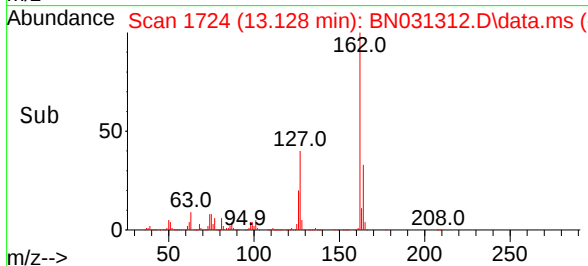
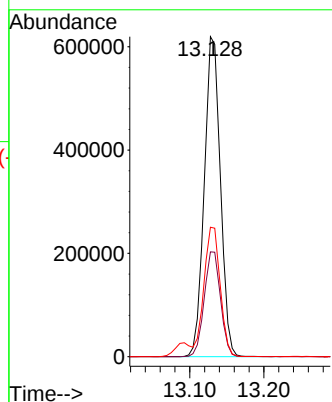
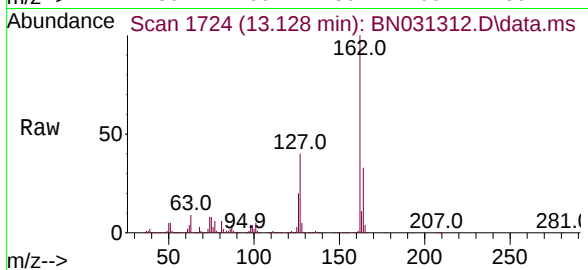
Tgt Ion:162 Resp: 936002

Ion Ratio Lower Upper

162 100

164 32.7 26.0 39.0

127 40.4 32.5 48.7



#45

2-Nitroaniline

Concen: 18.573 ng/ul

RT: 13.351 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

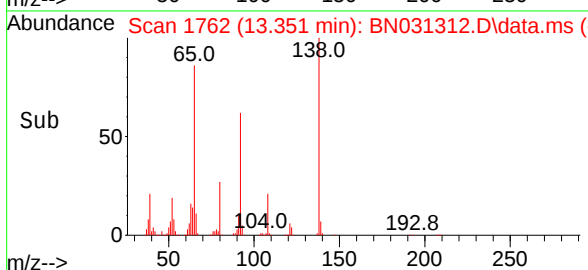
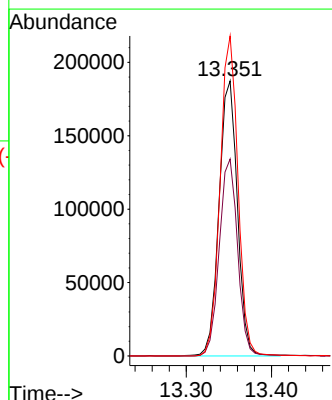
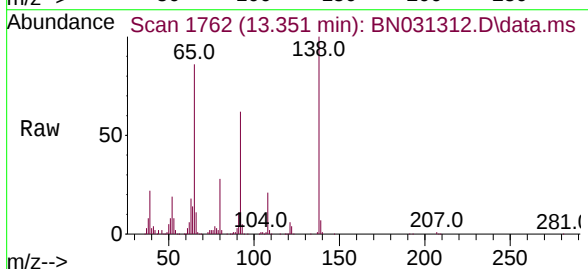
Tgt Ion: 65 Resp: 280481

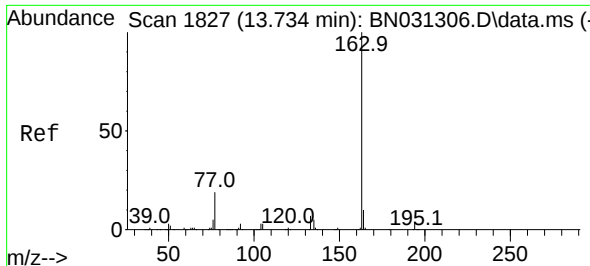
Ion Ratio Lower Upper

65 100

92 71.6 58.5 87.7

138 116.4 90.6 136.0

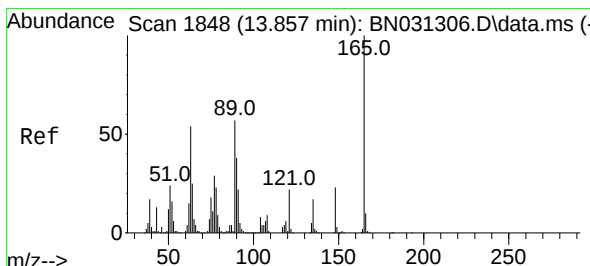
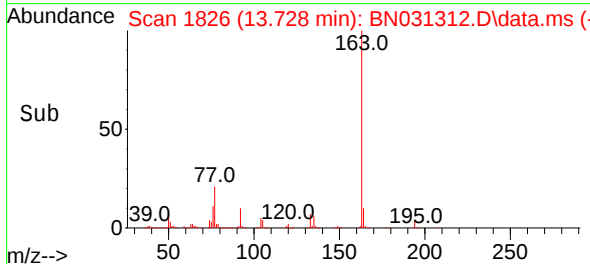
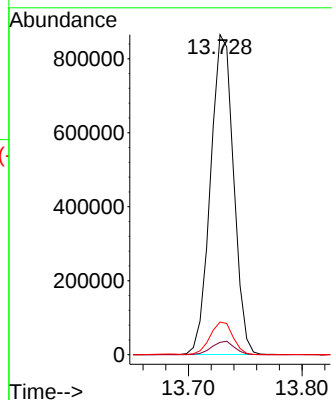
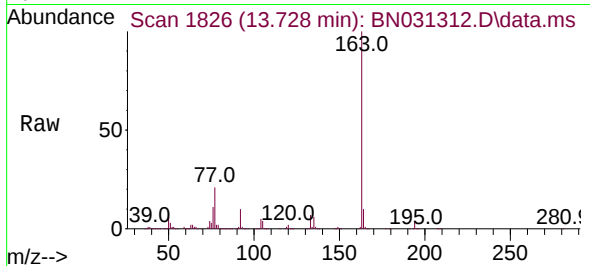




#47
Dimethylphthalate
Concen: 18.159 ng/ul
RT: 13.728 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

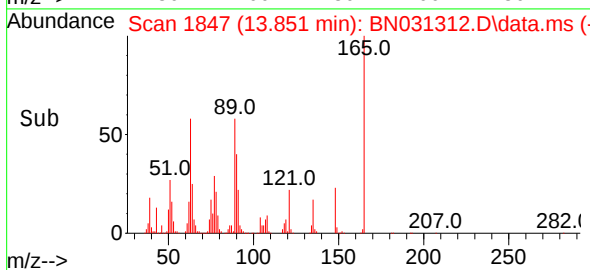
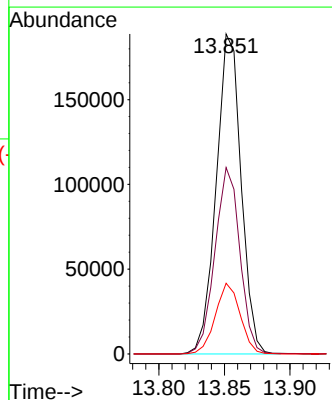
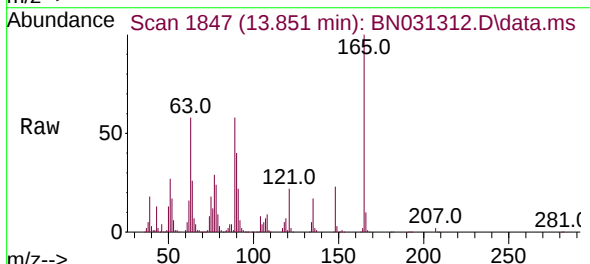
Instrument :
BNA_N
ClientSampleId :

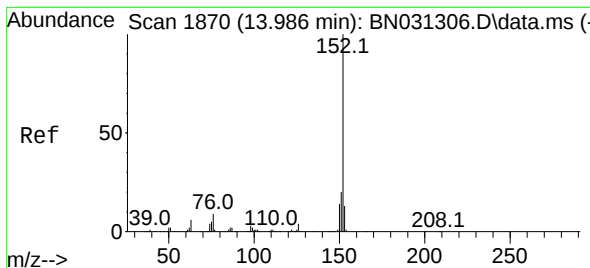
Tgt Ion:163 Resp: 1219177
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 19.017 ng/ul
RT: 13.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:165 Resp: 249128
Ion Ratio Lower Upper
165 100
89 58.2 45.9 68.9
121 22.1 17.9 26.9





#50

Acenaphthylene

Concen: 18.261 ng/ul

RT: 13.981 min Scan# 1869

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

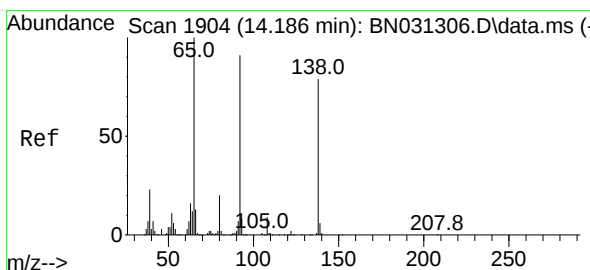
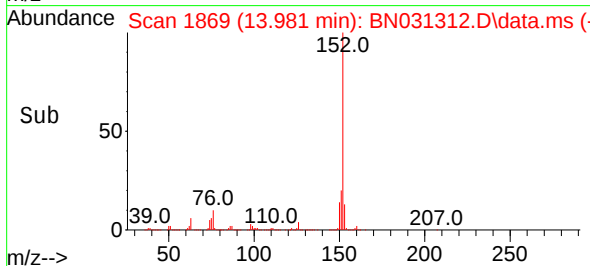
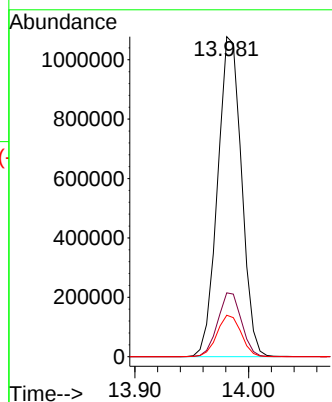
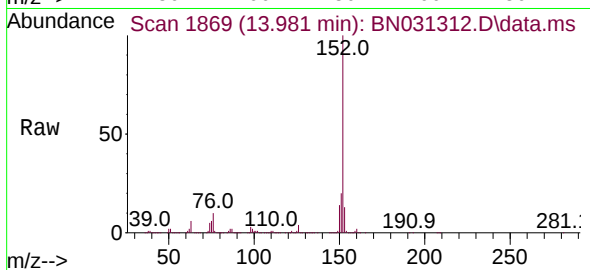
Tgt Ion:152 Resp: 1579907

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 12.9 10.6 15.8



#51

3-Nitroaniline

Concen: 19.546 ng/ul

RT: 14.181 min Scan# 1903

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

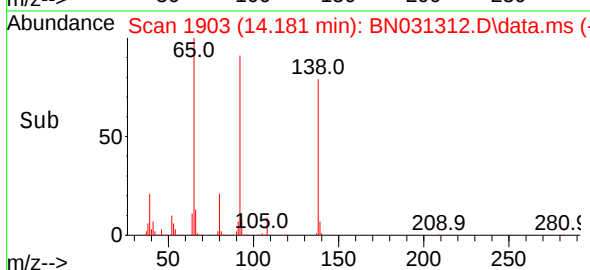
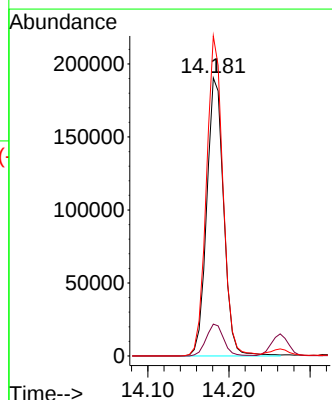
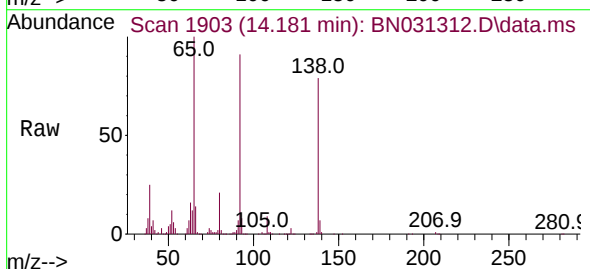
Tgt Ion:138 Resp: 275768

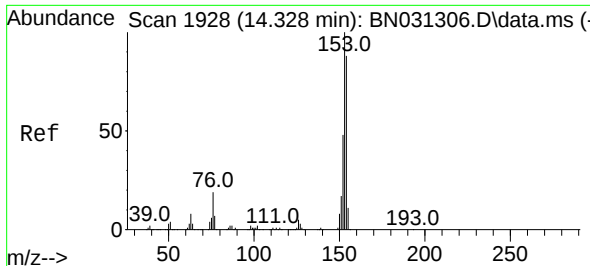
Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.2

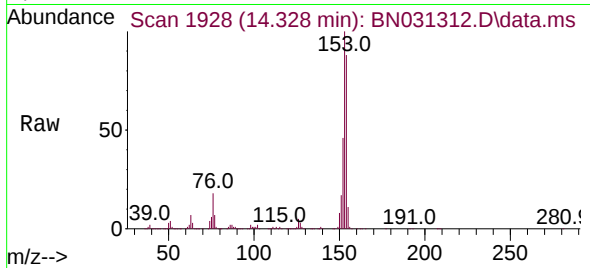
92 115.1 91.4 137.0



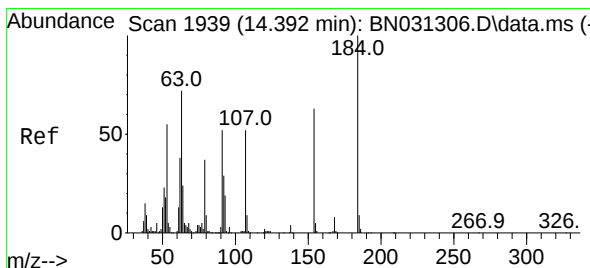
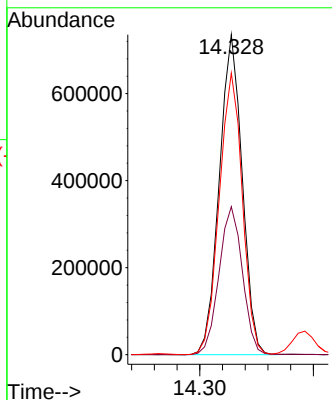
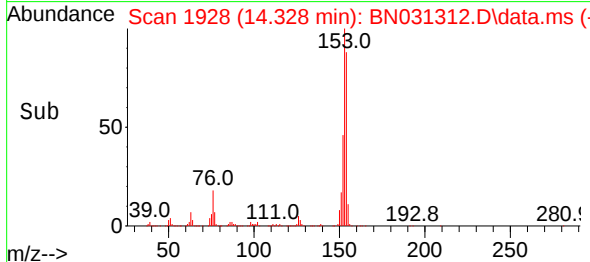


#52
Acenaphthene
Concen: 17.921 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

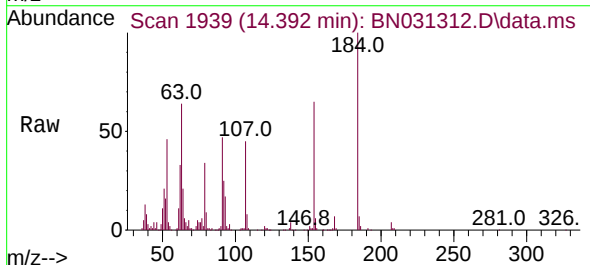
Instrument :
BNA_N
ClientSampleId :



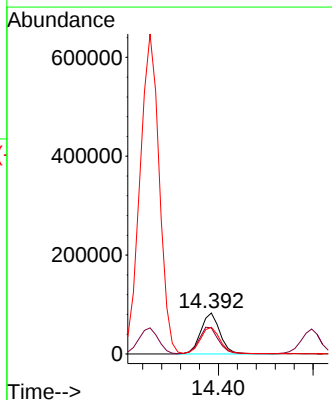
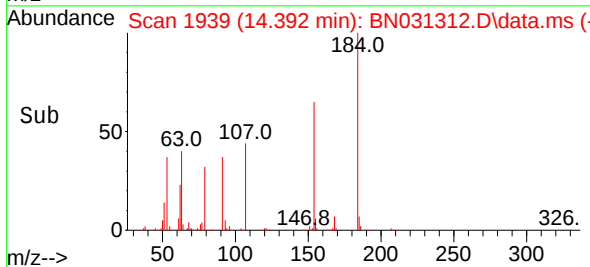
Tgt Ion:153 Resp: 1028601
Ion Ratio Lower Upper
153 100
152 46.3 38.3 57.5
154 88.0 70.7 106.1

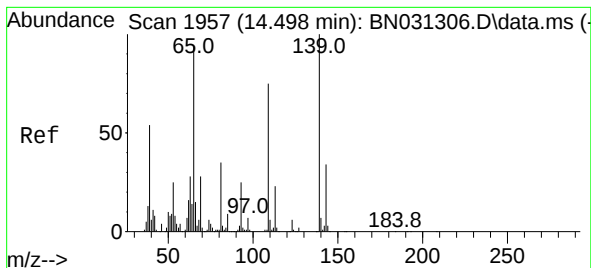


#53
2,4-Dinitrophenol
Concen: 15.598 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27



Tgt Ion:184 Resp: 116776
Ion Ratio Lower Upper
184 100
63 63.6 58.6 87.8
154 65.4 60.8 91.2

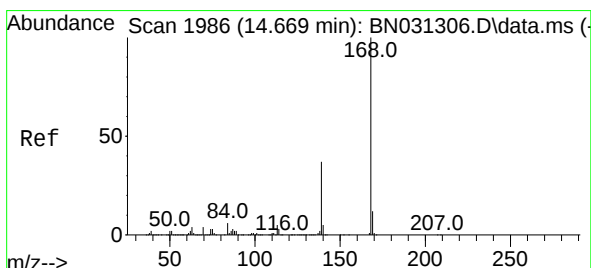
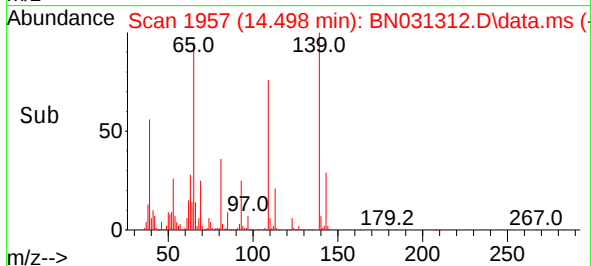
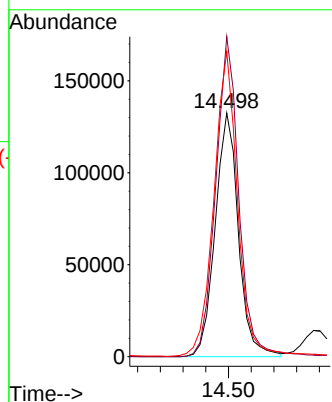
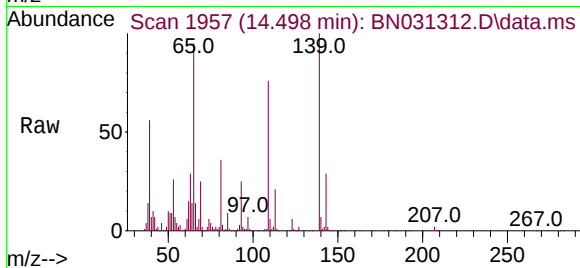




#55
4-Nitrophenol
Concen: 19.777 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

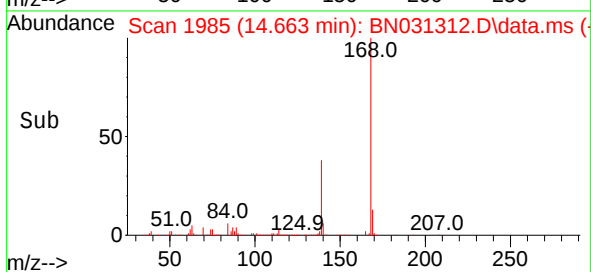
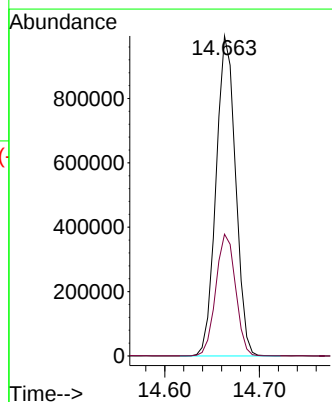
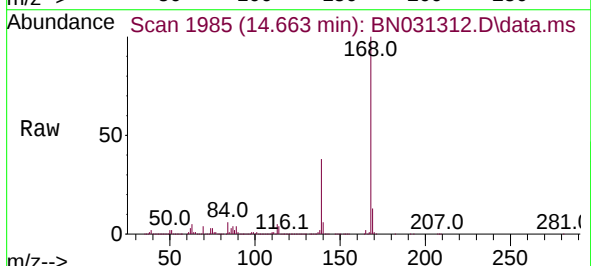
Instrument :
BNA_N
ClientSampleId :

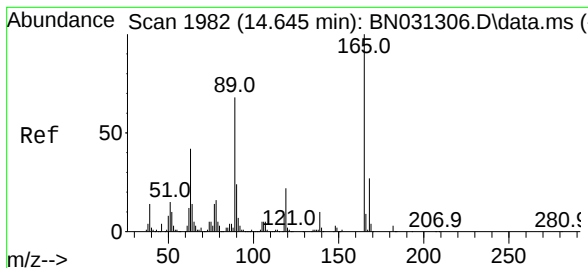
Tgt Ion:109 Resp: 188293
Ion Ratio Lower Upper
109 100
139 131.4 106.2 159.2
65 125.3 99.9 149.9



#56
Dibenzofuran
Concen: 18.255 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:168 Resp: 1422794
Ion Ratio Lower Upper
168 100
139 38.1 29.7 44.5

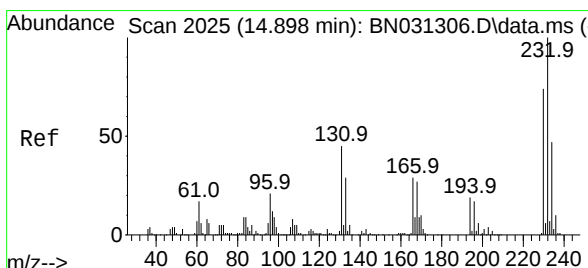
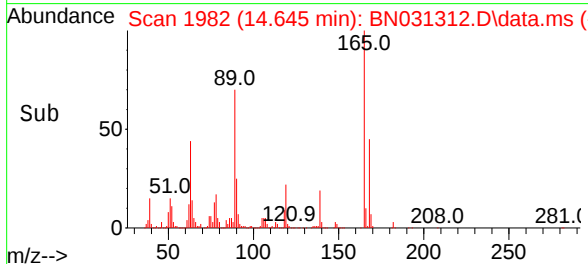
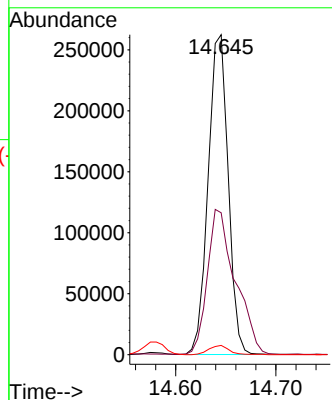
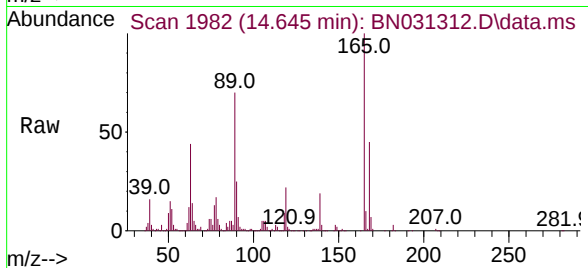




#57
2,4-Dinitrotoluene
Concen: 18.992 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

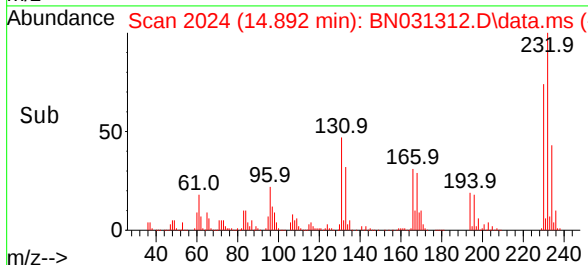
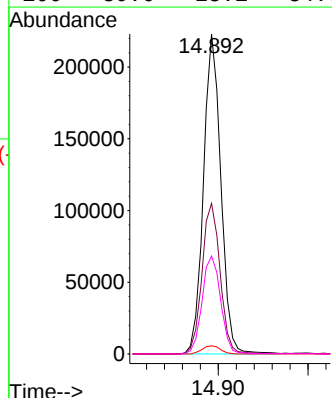
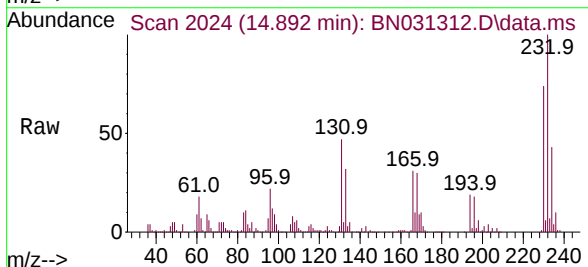
Instrument :
BNA_N
ClientSampleId :

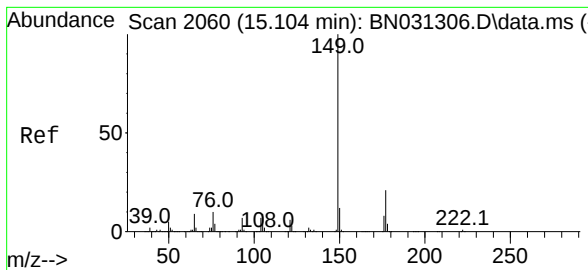
Tgt Ion:165 Resp: 364897
Ion Ratio Lower Upper
165 100
63 44.4 34.0 51.0
182 2.9 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.702 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:232 Resp: 300670
Ion Ratio Lower Upper
232 100
131 47.0 35.9 53.9
130 2.6 1.9 2.9
166 30.6 23.1 34.7





#59

Diethylphthalate

Concen: 18.498 ng/ul

RT: 15.098 min Scan# 2059

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

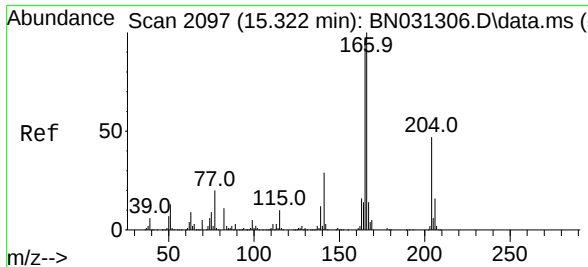
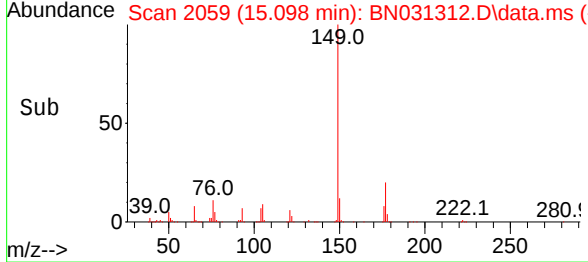
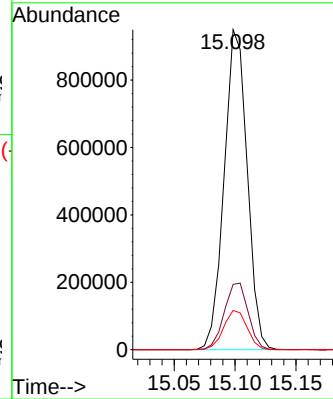
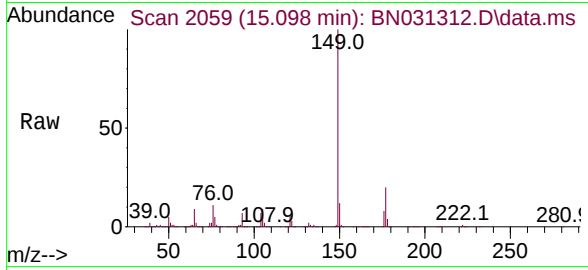
Tgt Ion:149 Resp: 1251740

Ion Ratio Lower Upper

149 100

177 20.4 17.2 25.8

150 12.3 9.4 14.2



#61

Fluorene

Concen: 18.264 ng/ul

RT: 15.316 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

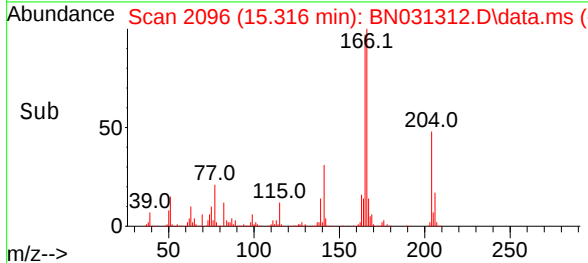
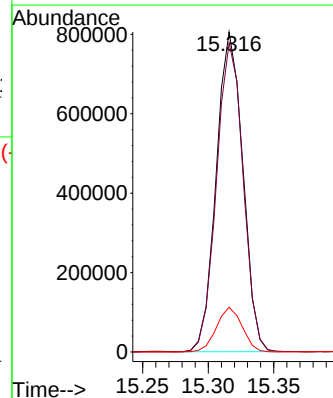
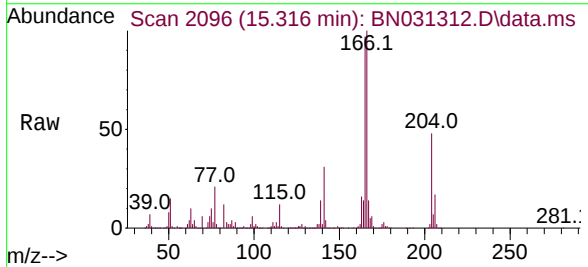
Tgt Ion:166 Resp: 1134845

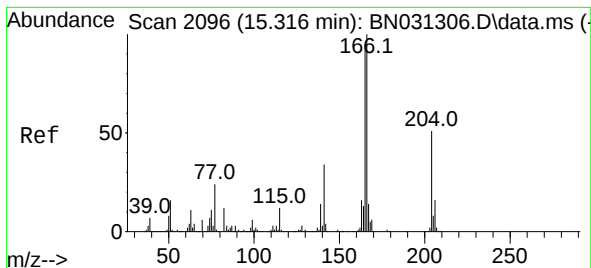
Ion Ratio Lower Upper

166 100

165 96.6 77.9 116.9

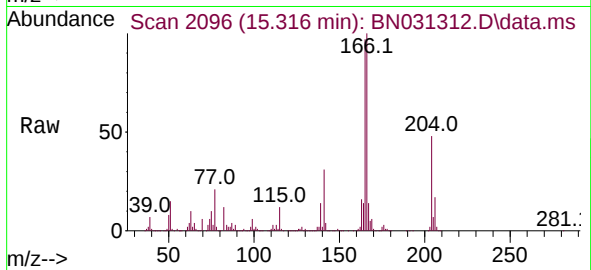
167 13.9 10.9 16.3



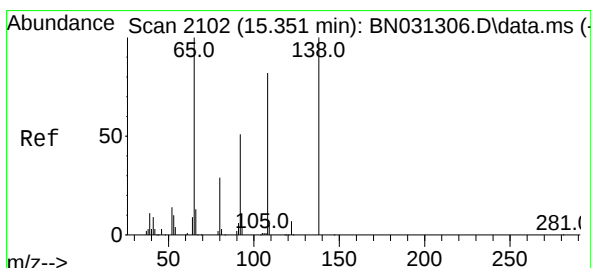
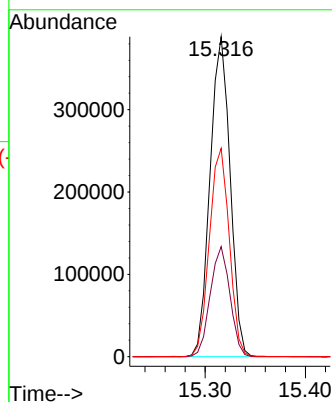
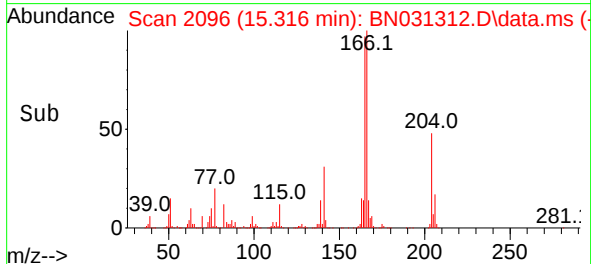


#62
4-Chlorophenyl-phenylether
Concen: 18.020 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Instrument :
BNA_N
ClientSampleId :

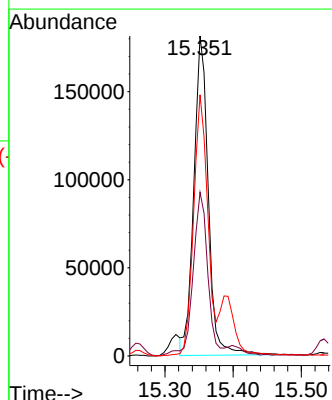
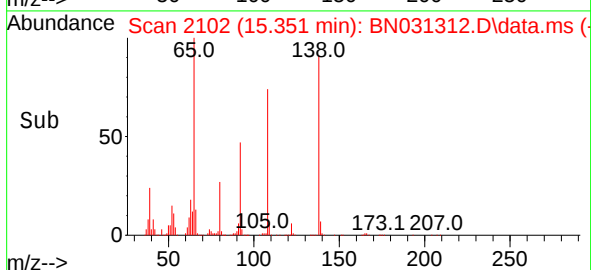
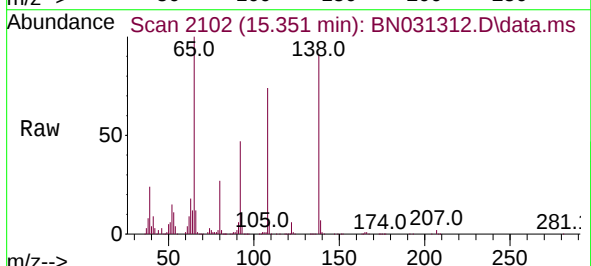


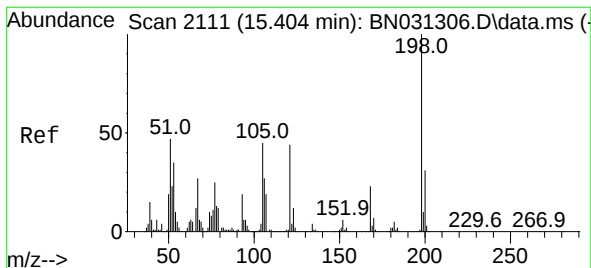
Tgt Ion:204 Resp: 540135
Ion Ratio Lower Upper
204 100
206 34.4 25.6 38.4
141 65.1 53.4 80.0



#63
4-Nitroaniline
Concen: 20.635 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:138 Resp: 266582
Ion Ratio Lower Upper
138 100
92 51.1 40.0 60.0
108 81.6 63.2 94.8

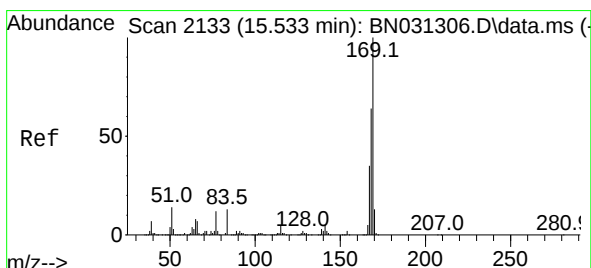
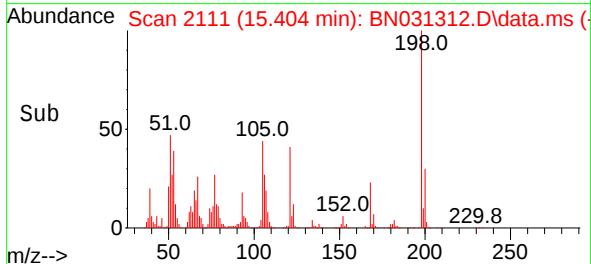
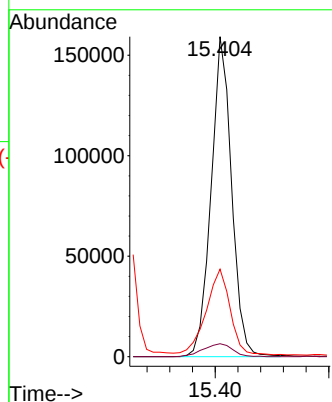
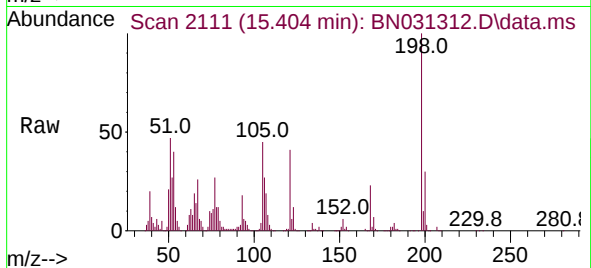




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.234 ng/ul
 RT: 15.404 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

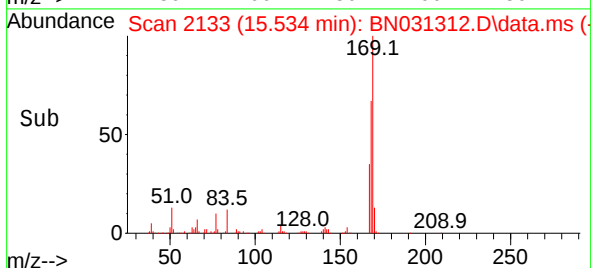
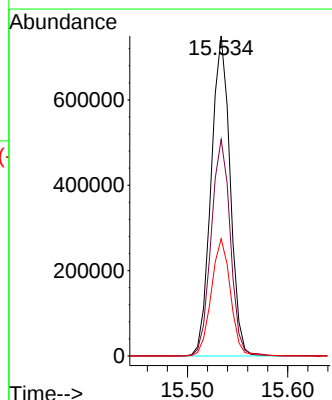
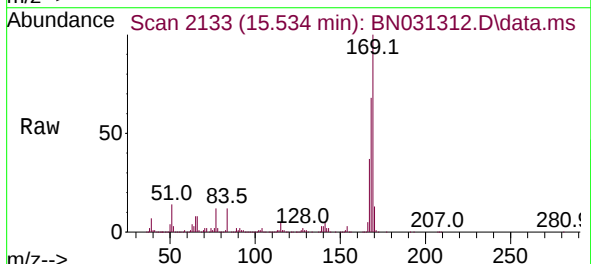
Instrument :
 BNA_N
 ClientSampleId :

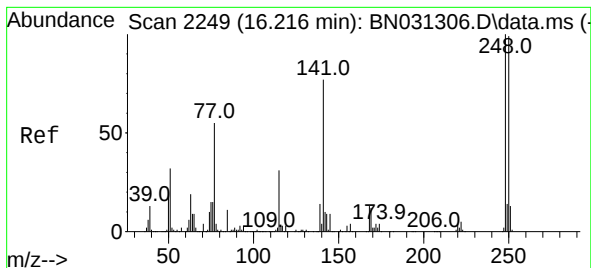
Tgt Ion:198 Resp: 199619
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.8 5.8
 77 27.4 21.3 31.9



#67
 N-Nitrosodiphenylamine
 Concen: 17.634 ng/ul
 RT: 15.534 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

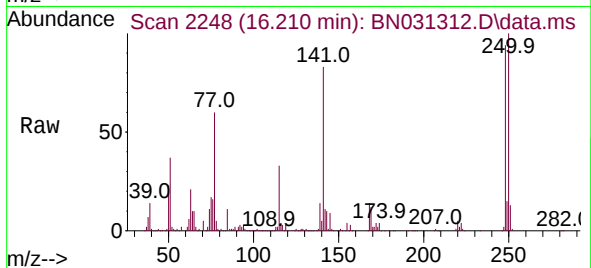
Tgt Ion:169 Resp: 984496
 Ion Ratio Lower Upper
 169 100
 168 67.7 51.4 77.0
 167 36.6 27.8 41.8



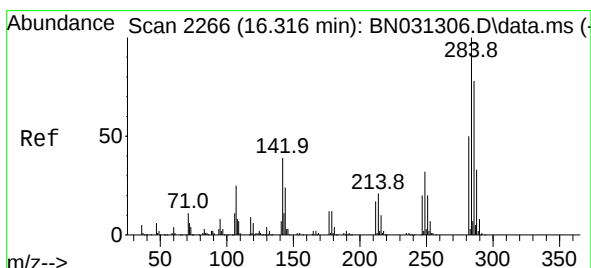
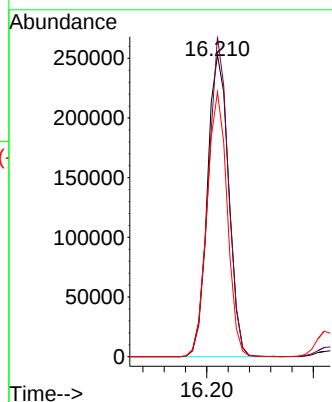
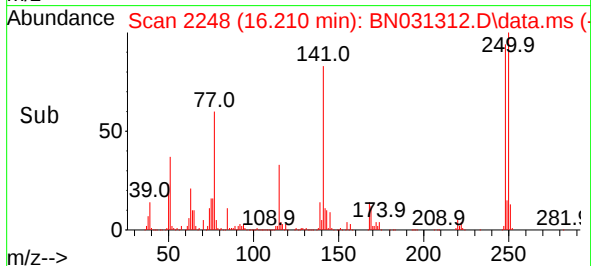


#68
4-Bromophenyl-phenylether
Concen: 17.822 ng/ul
RT: 16.210 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

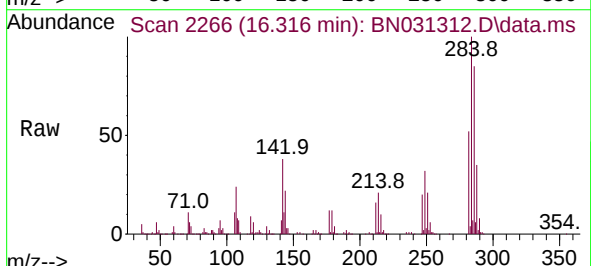
Instrument :
BNA_N
ClientSampleId :



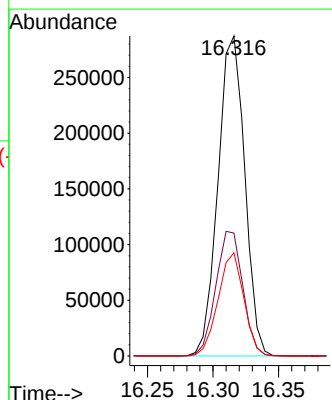
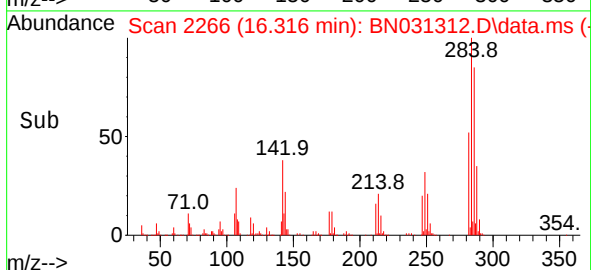
Tgt Ion:248 Resp: 350334
Ion Ratio Lower Upper
248 100
250 106.2 79.6 119.4
141 87.8 61.7 92.5

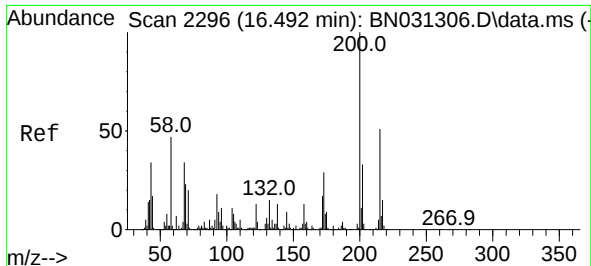


#69
Hexachlorobenzene
Concen: 17.965 ng/ul
RT: 16.316 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27



Tgt Ion:284 Resp: 407250
Ion Ratio Lower Upper
284 100
142 38.4 31.0 46.4
249 32.2 25.5 38.3

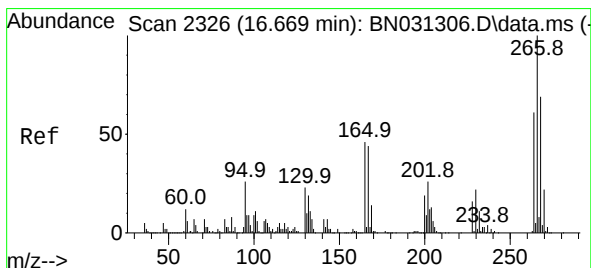
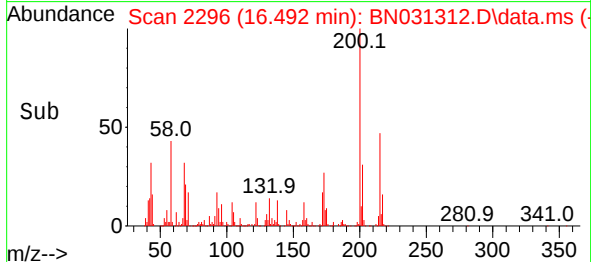
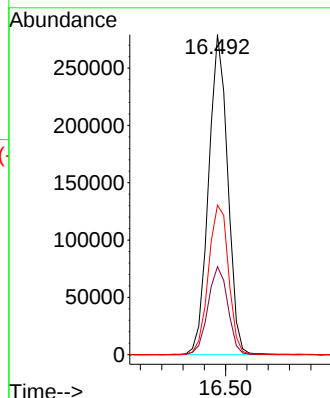
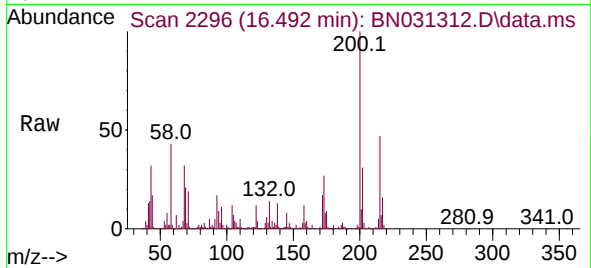




#70
Atrazine
Concen: 19.225 ng/ul
RT: 16.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

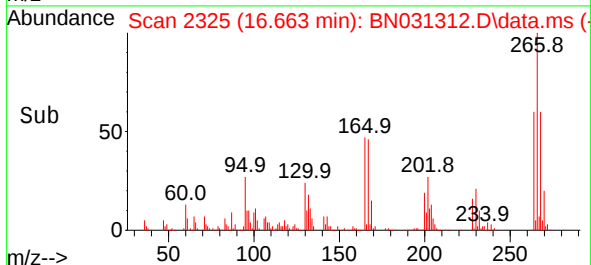
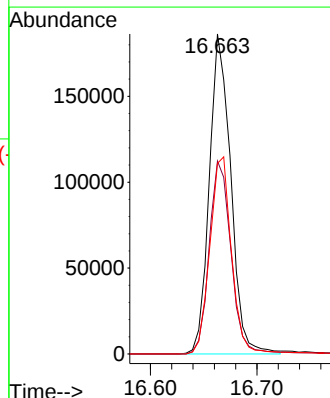
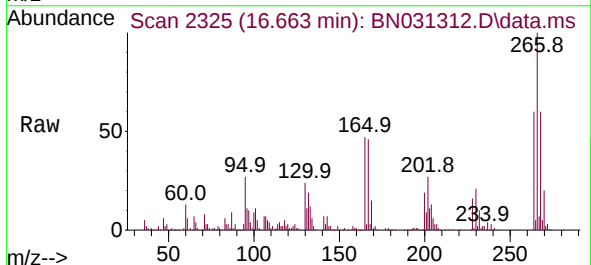
Instrument :
BNA_N
ClientSampleId :

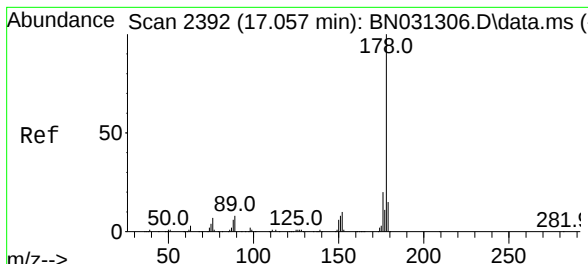
Tgt Ion:200 Resp: 348633
Ion Ratio Lower Upper
200 100
173 27.5 23.0 34.6
215 46.8 40.7 61.1



#71
Pentachlorophenol
Concen: 18.999 ng/ul
RT: 16.663 min Scan# 2325
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:266 Resp: 260767
Ion Ratio Lower Upper
266 100
264 60.3 48.6 73.0
268 59.5 55.5 83.3



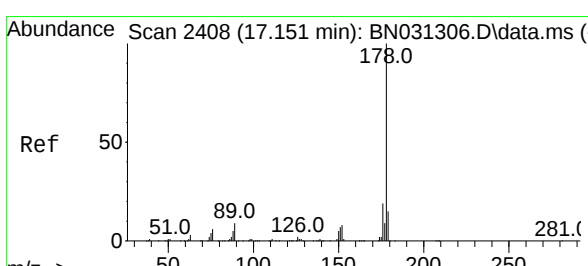
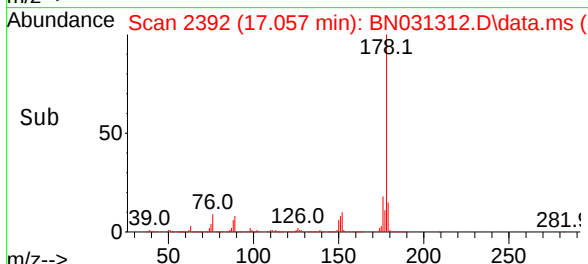
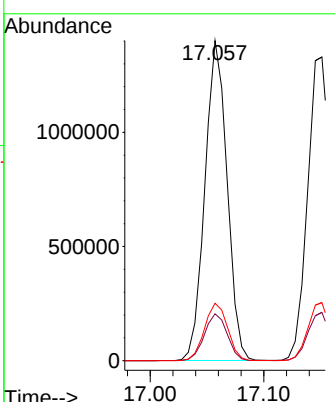
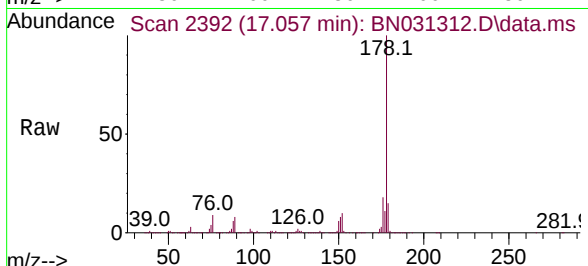


#72
 Phenanthrene
 Concen: 18.248 ng/ul
 RT: 17.057 min Scan# 2392
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 1897568

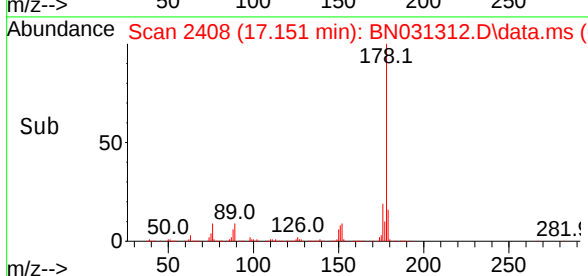
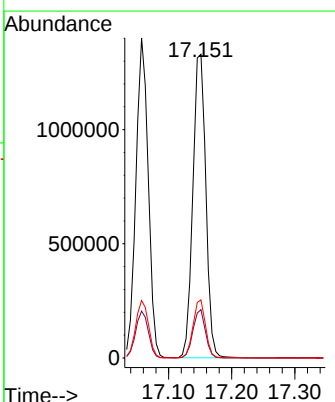
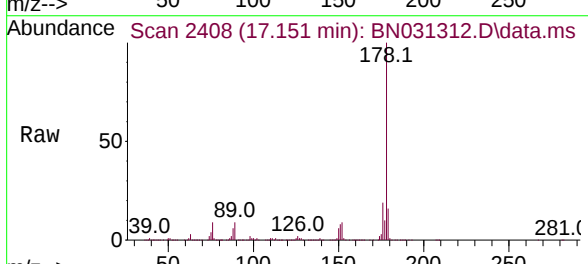
Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.4	18.6
176	17.9	15.6	23.4

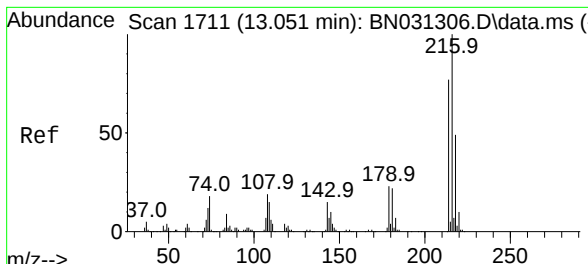


#74
 Anthracene
 Concen: 18.275 ng/ul
 RT: 17.151 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Tgt Ion:178 Resp: 1900412

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.0	18.0
176	19.1	15.1	22.7



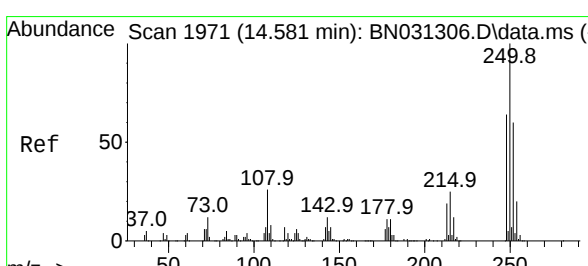
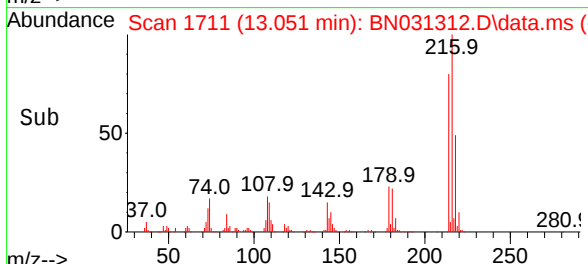
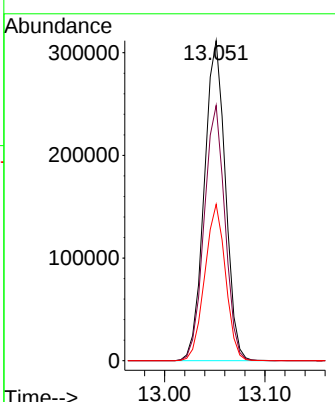
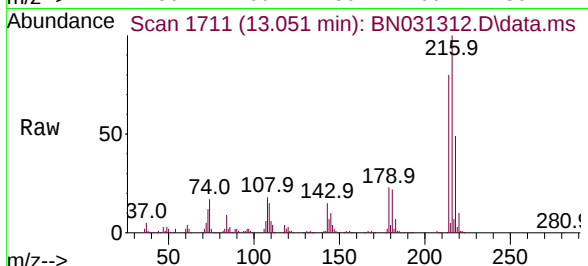


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 17.141 ng/uL
 RT: 13.051 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 216 Resp: 456210

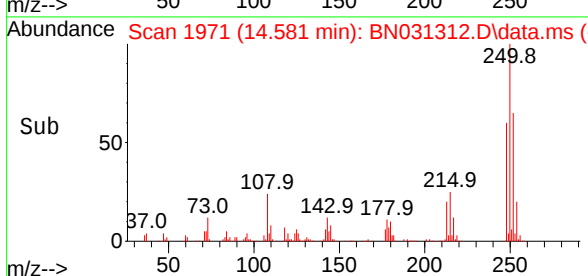
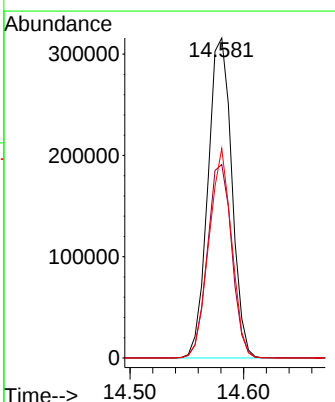
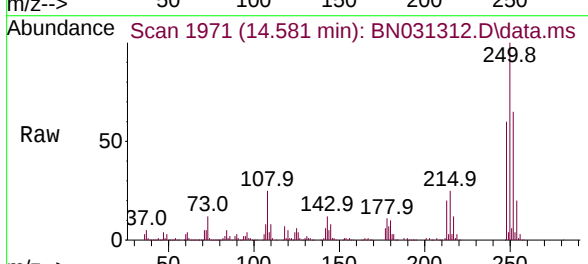
Ion	Ratio	Lower	Upper
216	100		
214	79.8	61.7	92.5
218	48.8	39.4	59.0

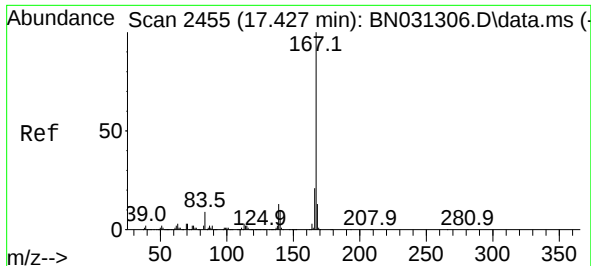


#76
 Pentachlorobenzene
 Concen: 17.704 ng/uL
 RT: 14.581 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Tgt Ion: 250 Resp: 462107

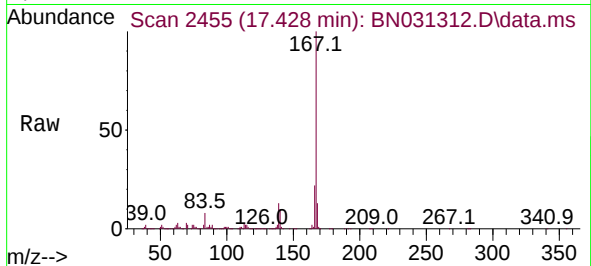
Ion	Ratio	Lower	Upper
250	100		
248	60.5	51.0	76.6
252	65.5	48.2	72.2





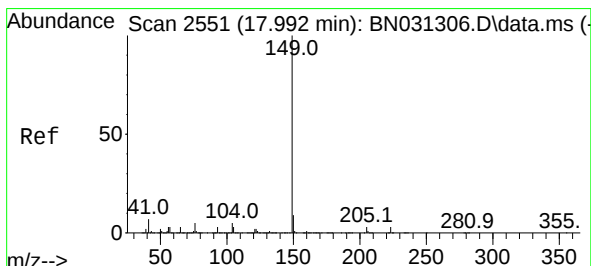
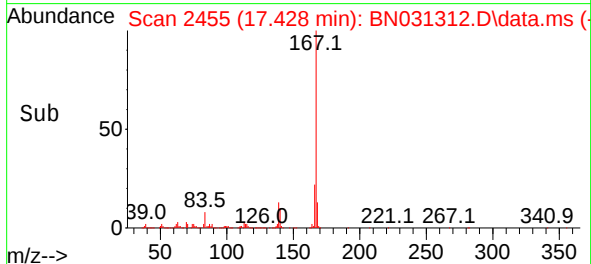
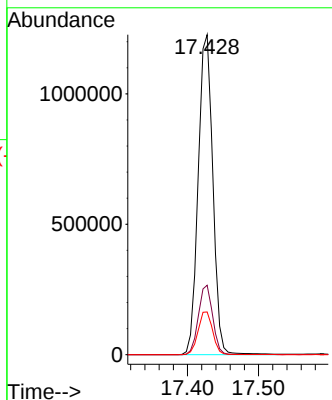
#77
 Carbazole
 Concen: 19.405 ng/ul
 RT: 17.428 min Scan# 2455
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:167 Resp: 1762496

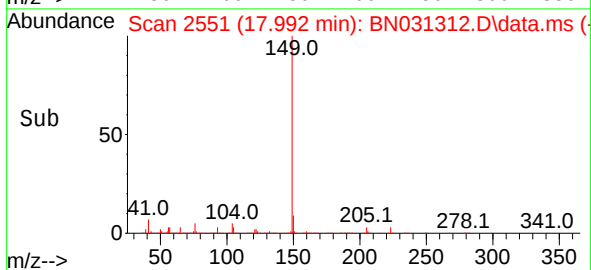
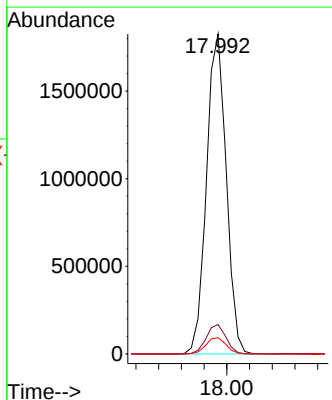
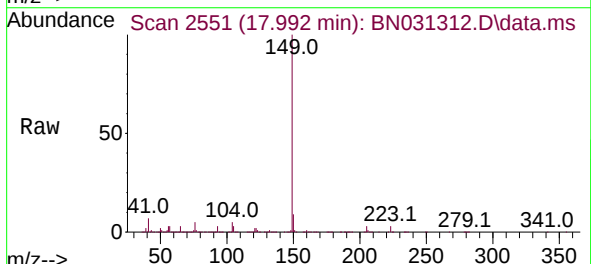
Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.7	25.1
139	13.4	10.4	15.6

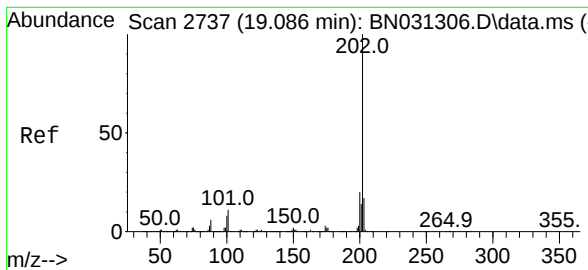


#78
 Di-n-butylphthalate
 Concen: 18.691 ng/ul
 RT: 17.992 min Scan# 2551
 Delta R.T. 0.000 min
 Lab File: BN031312.D
 Acq: 30 Apr 2024 08:27

Tgt Ion:149 Resp: 2199972

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.0	6.0

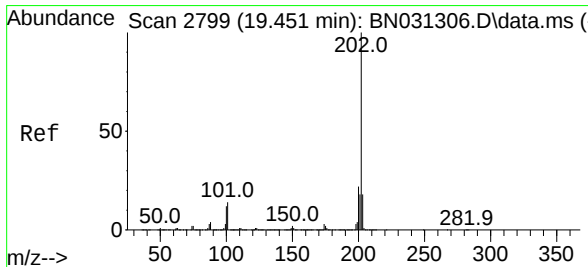
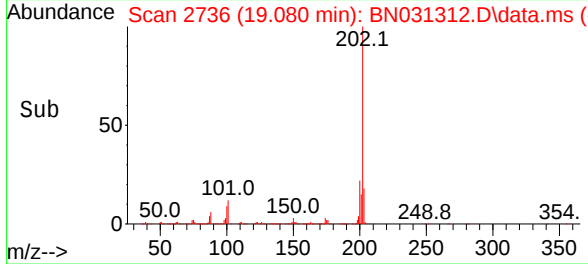
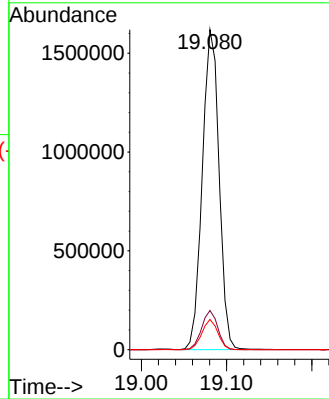
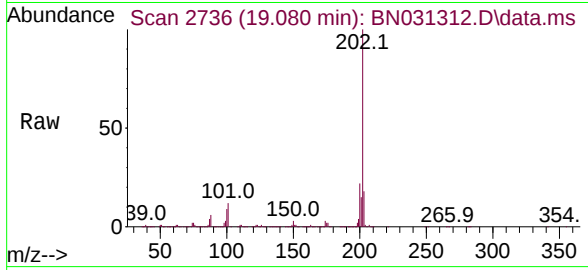




#80
Fluoranthene
Concen: 16.001 ng/ul
RT: 19.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

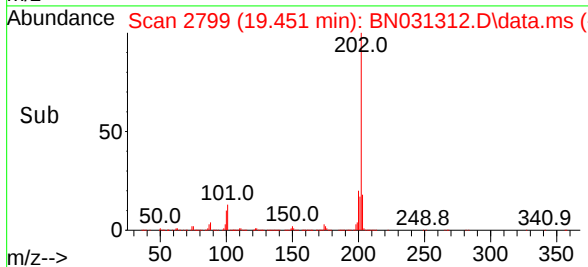
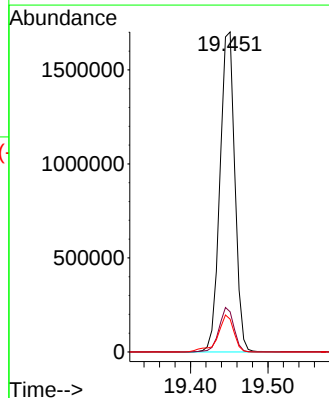
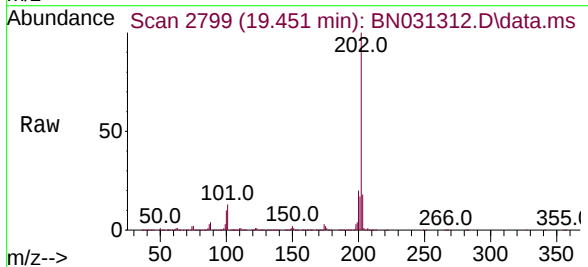
Instrument :
BNA_N
ClientSampleId :

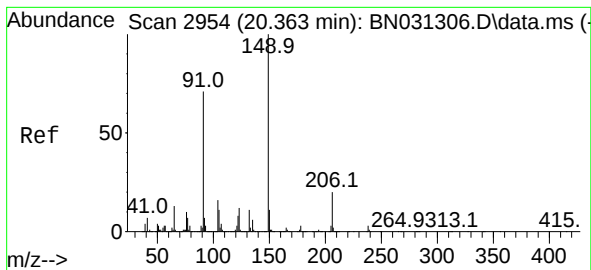
Tgt Ion:202 Resp: 2211144
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.6
100 9.4 6.7 10.1



#82
Pyrene
Concen: 16.162 ng/ul
RT: 19.451 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BN031312.D
Acq: 30 Apr 2024 08:27

Tgt Ion:202 Resp: 2278313
Ion Ratio Lower Upper
202 100
101 12.5 11.0 16.6
100 10.3 9.2 13.8





#83

Butylbenzylphthalate

Concen: 17.094 ng/ul

RT: 20.363 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

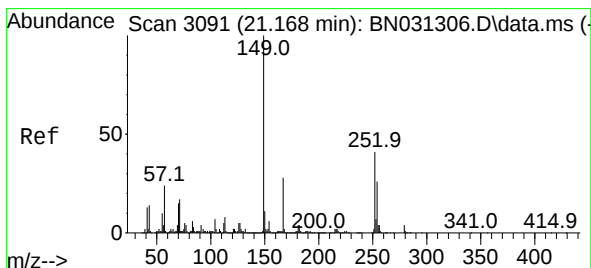
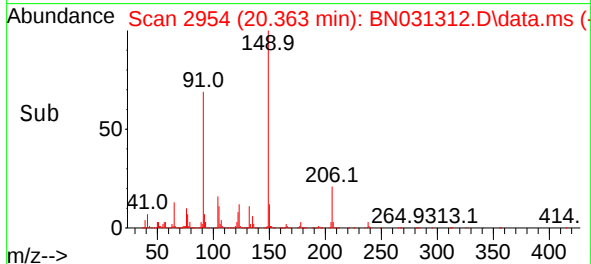
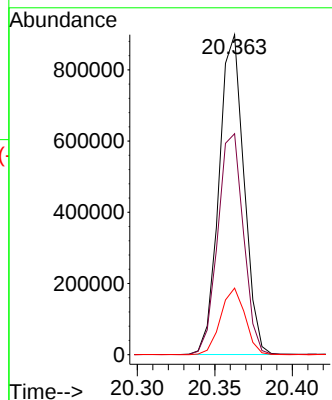
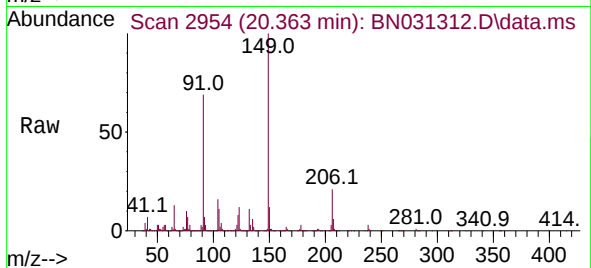
Tgt Ion:149 Resp: 1006723

Ion Ratio Lower Upper

149 100

91 69.0 56.8 85.2

206 20.8 15.7 23.5



#84

3,3'-Dichlorobenzidine

Concen: 19.308 ng/ul

RT: 21.169 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

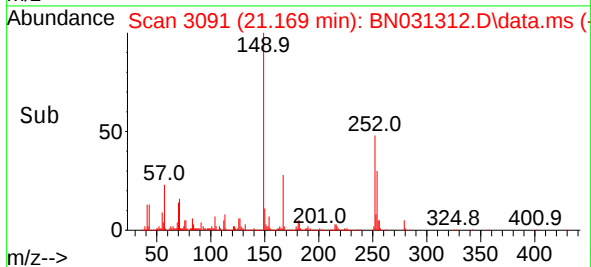
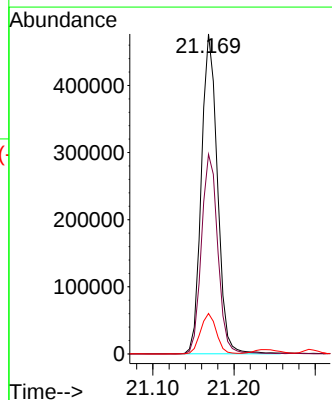
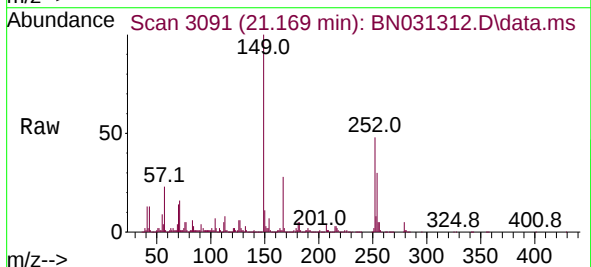
Tgt Ion:252 Resp: 653850

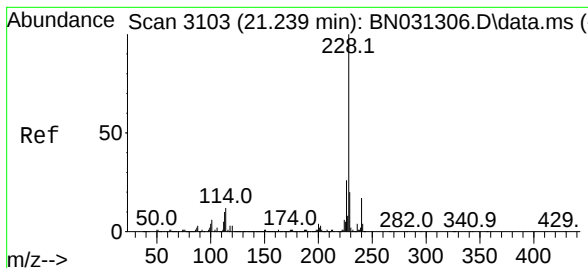
Ion Ratio Lower Upper

252 100

254 62.4 51.7 77.5

126 12.6 9.9 14.9





#85

Benzo(a)anthracene

Concen: 17.883 ng/ul

RT: 21.233 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

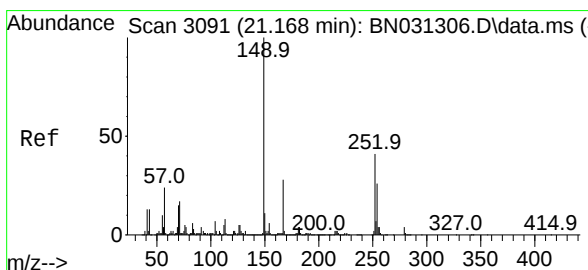
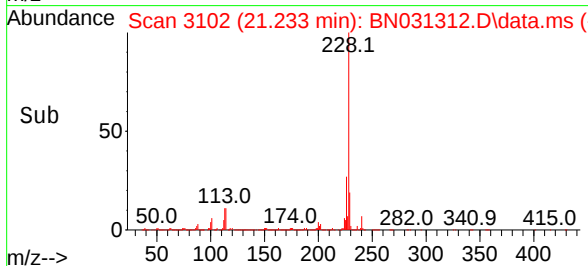
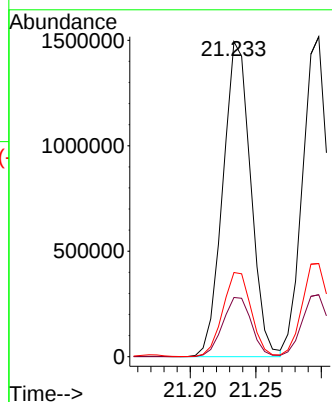
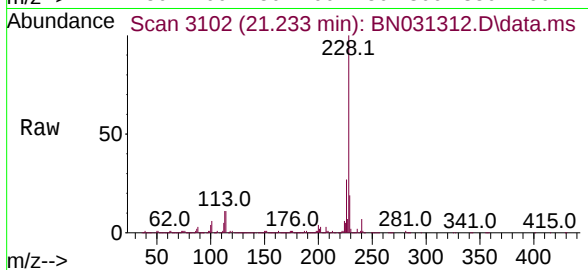
Tgt Ion:228 Resp: 2208895

Ion Ratio Lower Upper

228 100

229 18.8 15.9 23.9

226 26.7 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.464 ng/ul

RT: 21.163 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

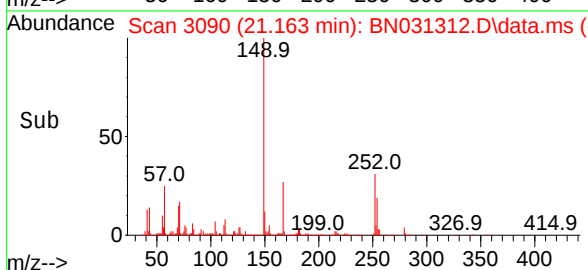
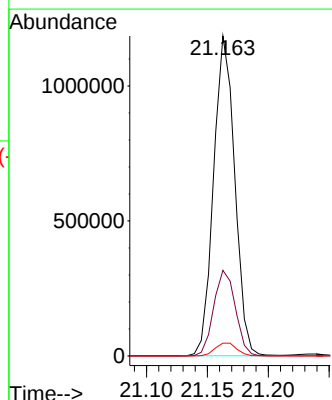
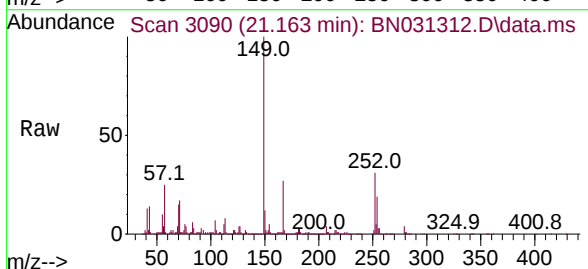
Tgt Ion:149 Resp: 1430683

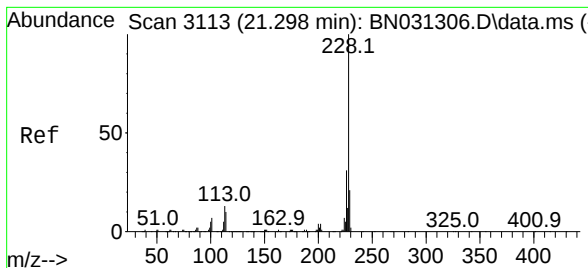
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 4.0 3.4 5.0





#87

Chrysene

Concen: 17.745 ng/ul

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

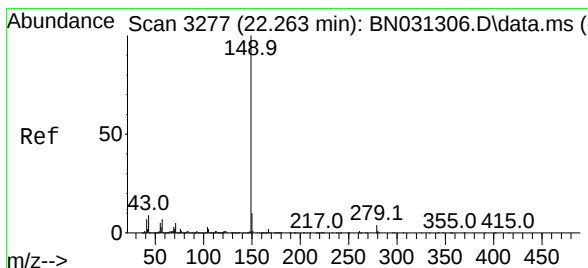
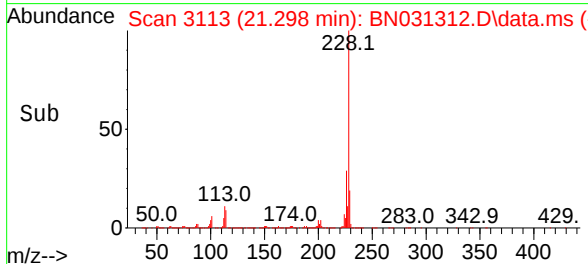
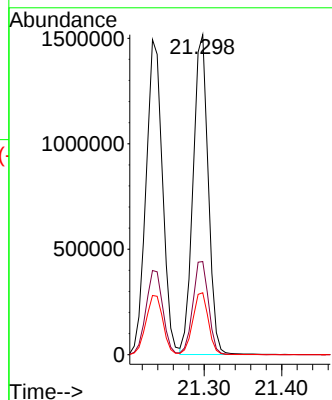
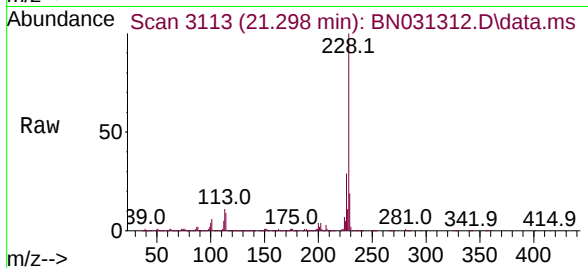
Tgt Ion:228 Resp: 2053694

Ion Ratio Lower Upper

228 100

226 29.1 24.5 36.7

229 19.3 16.7 25.1



#89

Di-n-octyl phthalate

Concen: 17.342 ng/ul

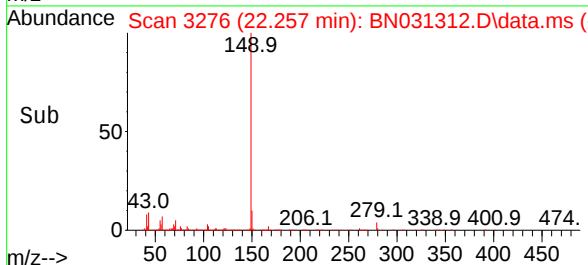
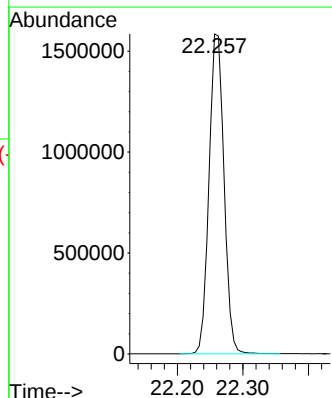
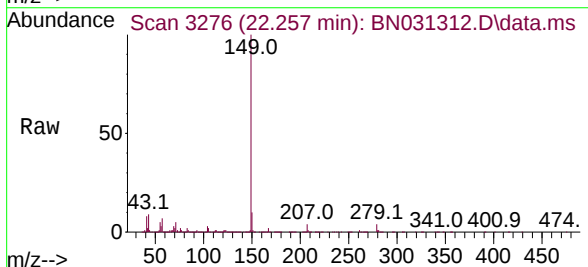
RT: 22.257 min Scan# 3276

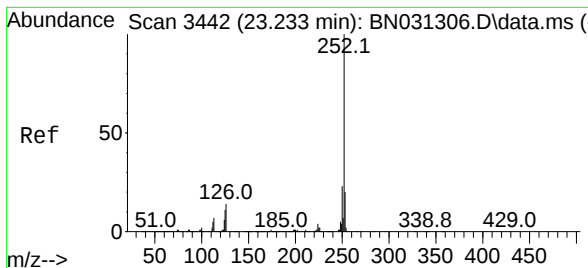
Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Tgt Ion:149 Resp: 2517558





#90

Benzo(b)fluoranthene

Concen: 16.999 ng/ul

RT: 23.233 min Scan# 3442

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

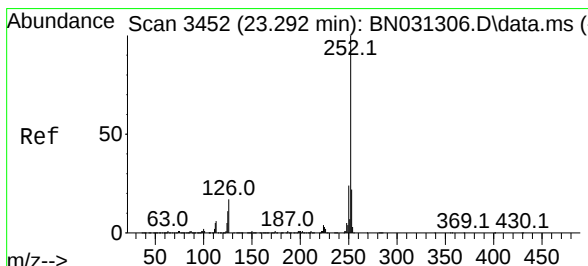
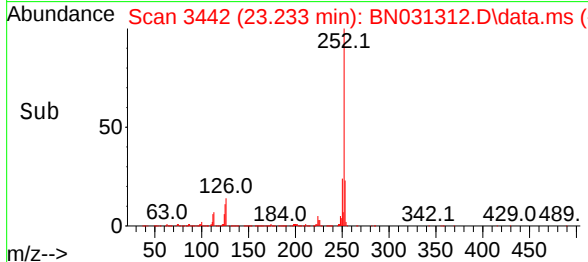
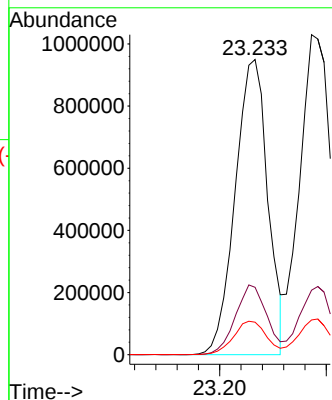
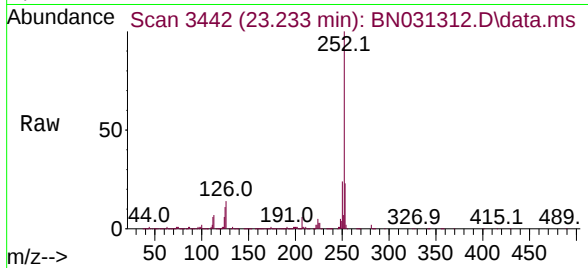
Tgt Ion:252 Resp: 2018415

Ion Ratio Lower Upper

252 100

253 22.8 15.7 23.5

125 11.0 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 18.399 ng/ul

RT: 23.286 min Scan# 3451

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

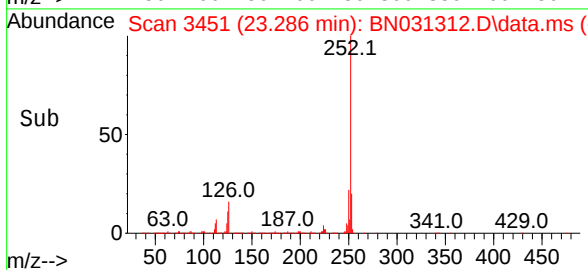
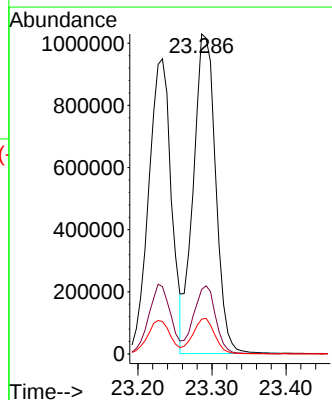
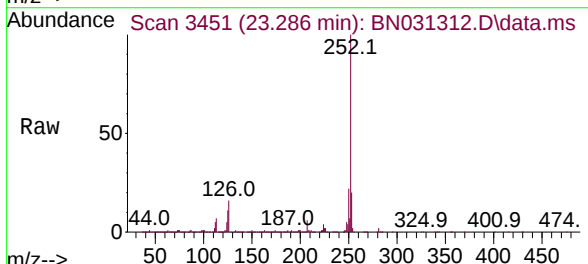
Tgt Ion:252 Resp: 2148586

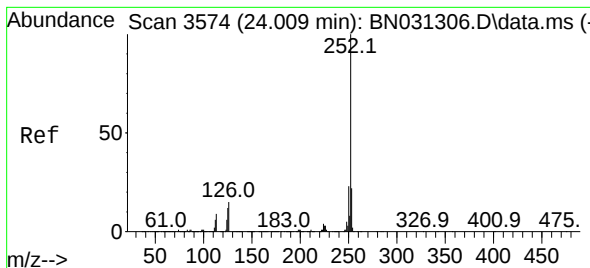
Ion Ratio Lower Upper

252 100

253 20.2 17.8 26.8

125 10.8 8.7 13.1





#93

Benzo(a)pyrene

Concen: 18.122 ng/ul

RT: 24.010 min Scan# 3574

Delta R.T. 0.000 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

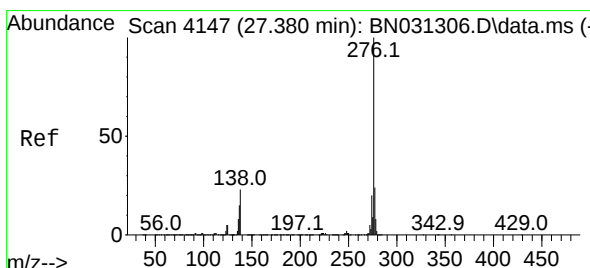
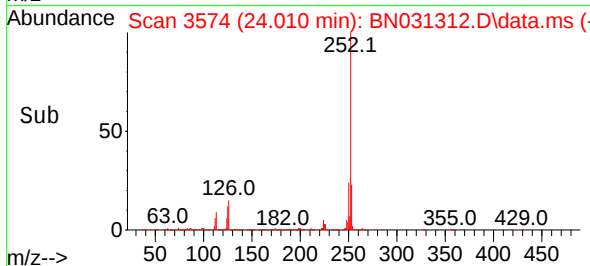
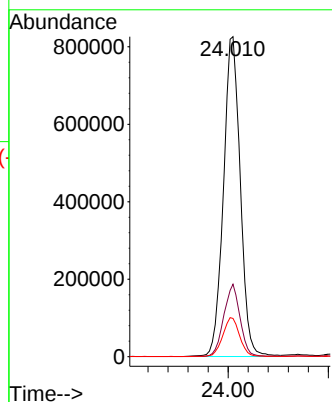
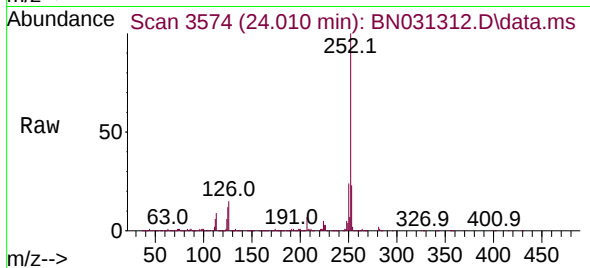
Tgt Ion:252 Resp: 1924587

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 12.0 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.035 ng/ul

RT: 27.374 min Scan# 4146

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

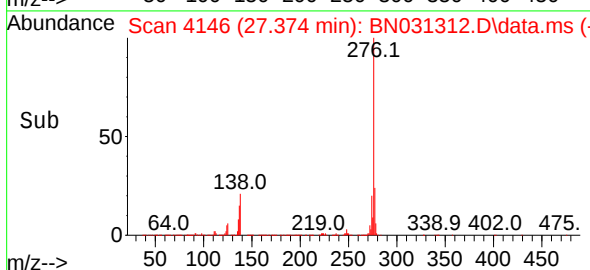
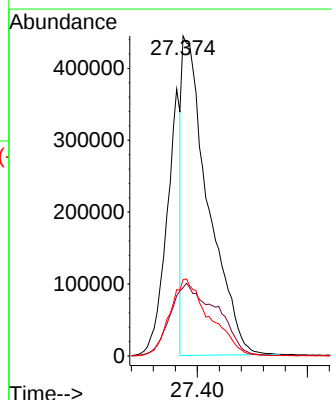
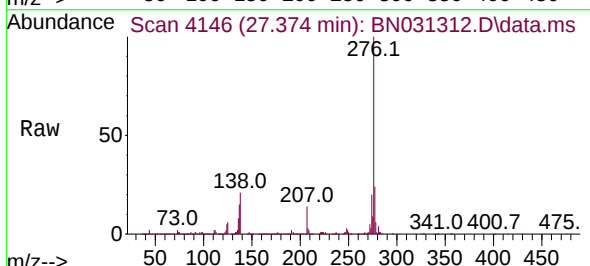
Tgt Ion:276 Resp: 1448168

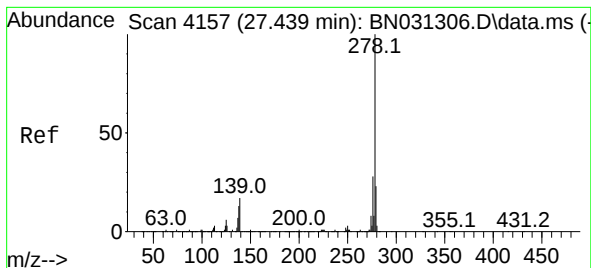
Ion Ratio Lower Upper

276 100

138 21.4 18.1 27.1

277 23.8 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 17.550 ng/ul

RT: 27.445 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Instrument :

BNA_N

ClientSampleId :

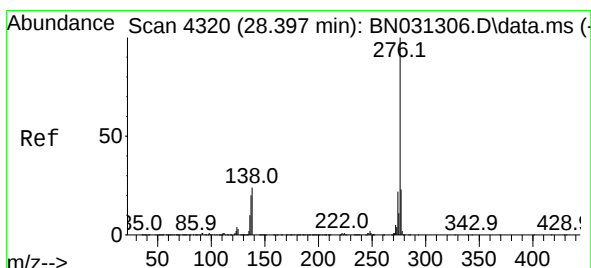
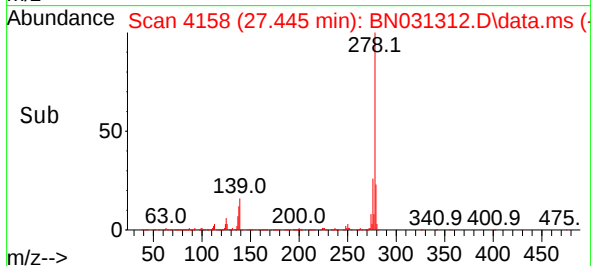
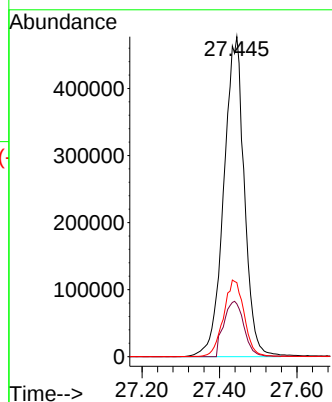
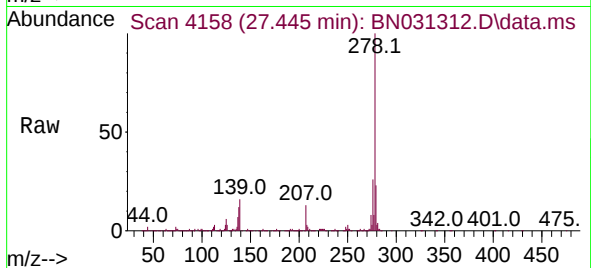
Tgt Ion:278 Resp: 1754337

Ion Ratio Lower Upper

278 100

139 16.5 13.9 20.9

279 23.1 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 17.367 ng/ul

RT: 28.392 min Scan# 4319

Delta R.T. -0.006 min

Lab File: BN031312.D

Acq: 30 Apr 2024 08:27

Tgt Ion:276 Resp: 1685730

Ion Ratio Lower Upper

276 100

138 22.6 18.8 28.2

277 21.8 18.0 27.0

