

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020210.D
 Acq On : 16 Jun 2022 18:31
 Operator : CG/JU
 Sample : N3285-14MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 17 02:28:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	150802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	741645	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	467943	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	959430	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	815588	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	730788	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17361	4.986	ng/uL	0.00
4) Pyridine-d5	3.669	84	101802	10.698	ng/u1	0.00
7) Phenol-d5	6.993	99	103617	8.304	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	287520	36.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	296722	29.265	ng/u1	0.01
15) 4-Methylphenol-d8	8.522	113	210931	19.538	ng/u1	0.02
21) Nitrobenzene-d5	8.946	128	206411	36.583	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	221674	37.020	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	357237	34.174	ng/u1	0.01
31) 4-Chloroaniline-d4	10.722	131	526810	31.120	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1332246	39.128	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1480311	37.490	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	51993	7.620	ng/u1	0.05
60) Fluorene-d10	15.416	176	1092611	38.779	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	231837	41.715	ng/u1	0.00
73) Anthracene-d10	17.263	188	1637356	39.104	ng/u1	0.00
81) Pyrene-d10	19.563	212	1868453	42.259	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	1470310	41.121	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	21912	5.961	ng/uL#	89
5) Pyridine	3.687	79	117134	11.741	ng/u1	89
6) Benzaldehyde	6.934	77	264176	44.930	ng/u1	93
8) Phenol	7.016	94	117336	8.831	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	388060	37.314	ng/u1	99
12) 2-Chlorophenol	7.369	128	314434	29.669	ng/u1	98
13) 2-Methylphenol	8.257	108	240558	23.549	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	605629	37.137	ng/u1	98
16) Acetophenone	8.616	105	637565	38.833	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.604	70	325202	38.774	ng/u1	94
18) 4-Methylphenol	8.581	108	227522	20.181	ng/u1	94
19) Hexachloroethane	8.869	117	149346	35.022	ng/u1	89
22) Nitrobenzene	8.987	77	473793	36.216	ng/u1	96
23) Isophorone	9.516	82	942779	36.499	ng/u1	99
25) 2-Nitrophenol	9.698	139	239898	36.256	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	390697	28.501	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.998	93	567093	35.876	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	371771	34.381	ng/u1	98
30) Naphthalene	10.634	128	1343650	34.957	ng/u1	100
32) 4-Chloroaniline	10.745	127	524984	31.005	ng/u1	100
33) Hexachlorobutadiene	10.928	225	210101	33.843	ng/u1	97
34) Caprolactam	11.510	113	20298	4.807	ng/u1	86
35) 4-Chloro-3-methylphenol	11.892	107	418246	32.757	ng/u1	99
36) 2-Methylnaphthalene	12.245	142	953673	36.700	ng/u1	100

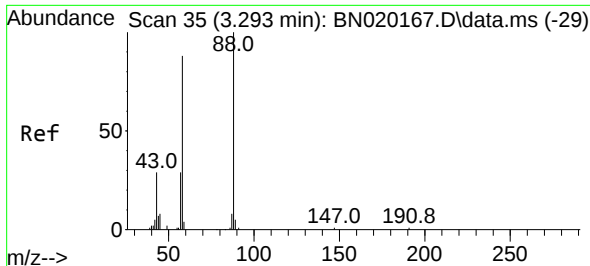
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	979072	36.921	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.622	216	444391	37.236	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	169915	23.404	ng/ul	95
41) 2,4,6-Trichlorophenol	12.863	196	322552	39.196	ng/ul	93
42) 2,4,5-Trichlorophenol	12.951	196	350770	38.487	ng/ul	97
43) 1,1'-Biphenyl	13.263	154	1302669	37.595	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	978239	37.215	ng/ul	96
45) 2-Nitroaniline	13.504	65	346309	42.347	ng/ul	96
47) Dimethylphthalate	13.886	163	1313178	38.312	ng/ul	98
48) 2,6-Dinitrotoluene	14.004	165	290861	43.402	ng/ul	95
50) Acenaphthylene	14.145	152	1639087	37.493	ng/ul	100
51) 3-Nitroaniline	14.333	138	282619	39.891	ng/ul	98
52) Acenaphthene	14.486	153	1076850	37.711	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	169986	39.618	ng/ul	93
55) 4-Nitrophenol	14.686	109	46848	8.044	ng/ul	100
56) Dibenzofuran	14.822	168	1516410	37.693	ng/ul	97
57) 2,4-Dinitrotoluene	14.792	165	417717	42.097	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	285011	39.837	ng/ul	92
59) Diethylphthalate	15.251	149	1381343	39.144	ng/ul	97
61) Fluorene	15.475	166	1186190	37.892	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	540692	37.505	ng/ul	92
63) 4-Nitroaniline	15.492	138	291718	44.064	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	233829	41.499	ng/ul	93
67) N-Nitrosodiphenylamine	15.680	169	1098503	39.938	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	338251	40.484	ng/ul	95
69) Hexachlorobenzene	16.480	284	375756	39.124	ng/ul#	90
70) Atrazine	16.633	200	388831	40.516	ng/ul	92
71) Pentachlorophenol	16.827	266	237256	39.662	ng/ul	96
72) Phenanthrene	17.210	178	2020504	39.905	ng/ul	100
74) Anthracene	17.298	178	1989604	39.079	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	479746	37.341	ng/ul	96
76) Pentachlorobenzene	14.751	250	451938	39.801	ng/ul	95
77) Carbazole	17.569	167	1906533	41.163	ng/ul	97
78) Di-n-butylphthalate	18.139	149	2392413	41.655	ng/ul	99
80) Fluoranthene	19.227	202	2284800	42.786	ng/ul	97
82) Pyrene	19.592	202	2328130	42.495	ng/ul	96
83) Butylbenzylphthalate	20.498	149	1145101	46.444	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	540685	34.709	ng/ul#	93
85) Benzo(a)anthracene	21.345	228	2018447	39.192	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.280	149	1578108	45.364	ng/ul#	97
87) Chrysene	21.398	228	1986405	39.424	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	2857758	48.046	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1933762	42.162	ng/ul	97
91) Benzo(k)fluoranthene	23.021	252	1793055	41.068	ng/ul	98
93) Benzo(a)pyrene	23.574	252	1783327	40.168	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.056	276	1796853	39.337	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.068	278	1587062	40.678	ng/ul	97
96) Benzo(g,h,i)perylene	26.786	276	1588454	41.179	ng/ul	95

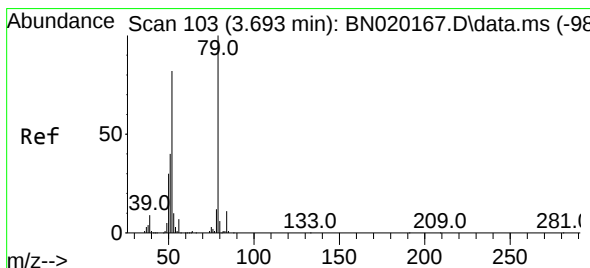
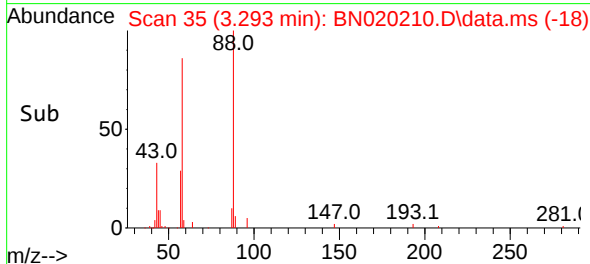
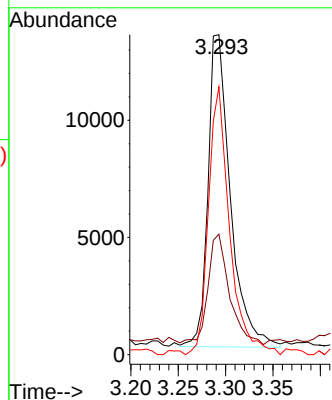
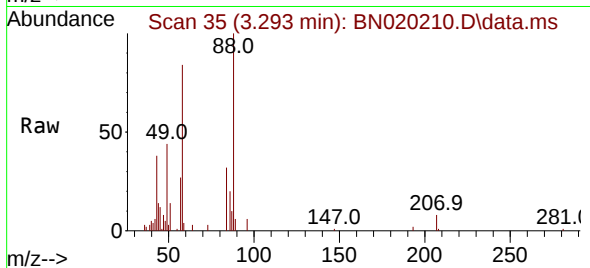
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#2
1,4-Dioxane
Concen: 5.961 ng/uL
RT: 3.293 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

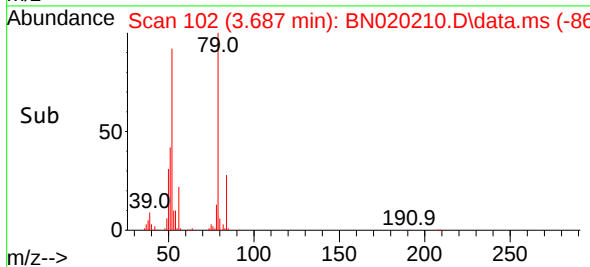
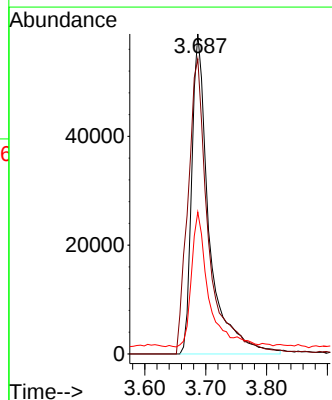
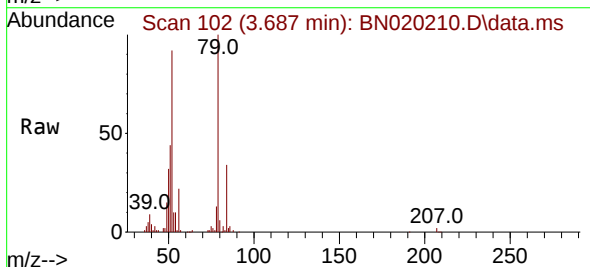
Instrument :
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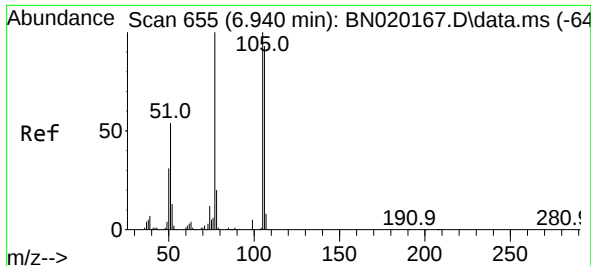
Tgt Ion: 88 Resp: 21912
Ion Ratio Lower Upper
88 100
43 37.7 22.4 33.6#
58 83.7 61.0 91.4



#5
Pyridine
Concen: 11.741 ng/uL
RT: 3.687 min Scan# 102
Delta R.T. -0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion: 79 Resp: 117134
Ion Ratio Lower Upper
79 100
52 92.2 65.0 97.4
51 44.3 31.6 47.4

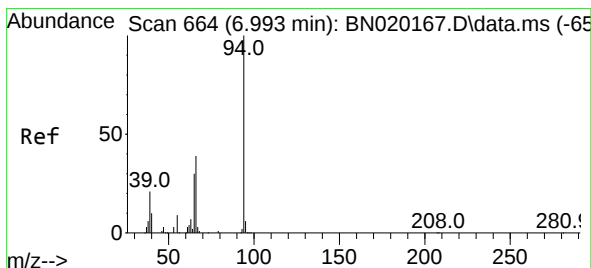
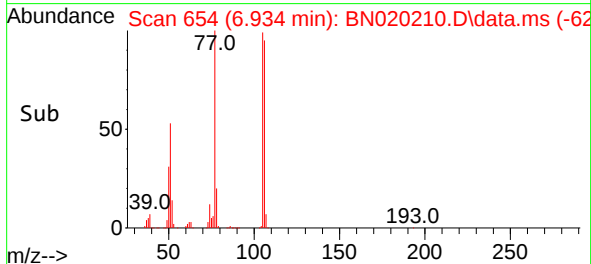
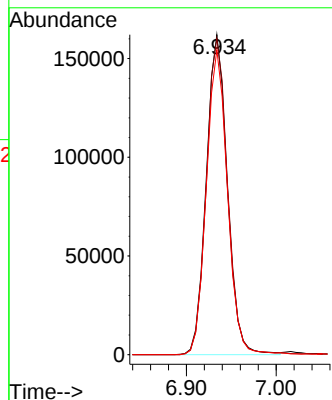
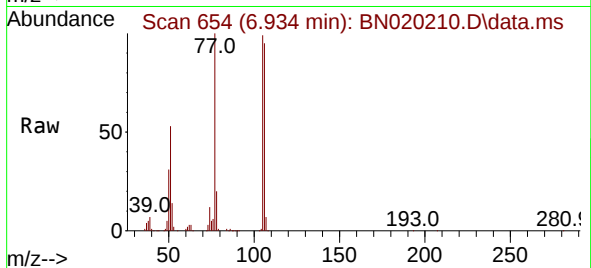




#6
Benzaldehyde
Concen: 44.930 ng/ul
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

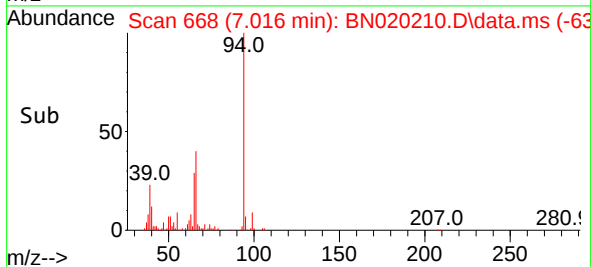
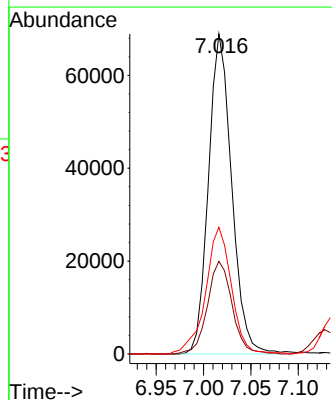
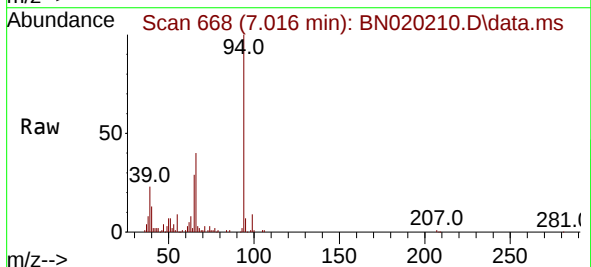
Instrument :
BNA_N
ClientSampleId :

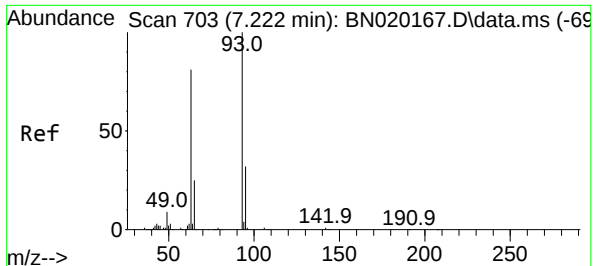
Tgt Ion: 77 Resp: 264176
Ion Ratio Lower Upper
77 100
105 98.8 74.7 112.1
106 95.3 70.2 105.4



#8
Phenol
Concen: 8.831 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. 0.023 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion: 94 Resp: 117336
Ion Ratio Lower Upper
94 100
65 29.0 23.6 35.4
66 39.6 31.2 46.8





#10

Bis(2-Chloroethyl)ether

Concen: 37.314 ng/ul

RT: 7.222 min Scan# 703

Delta R.T. -0.000 min

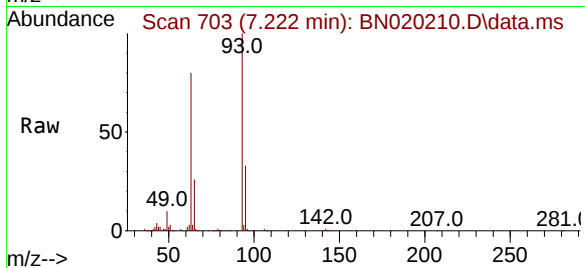
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Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :



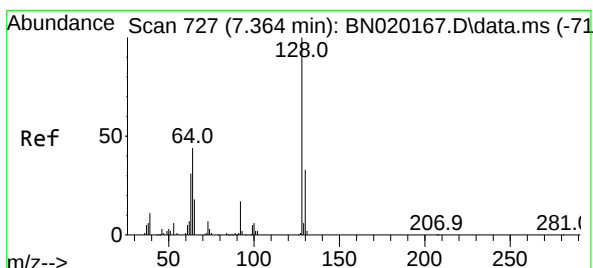
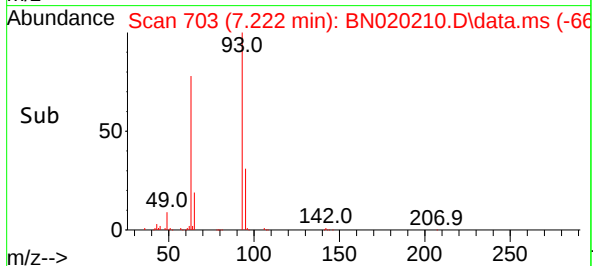
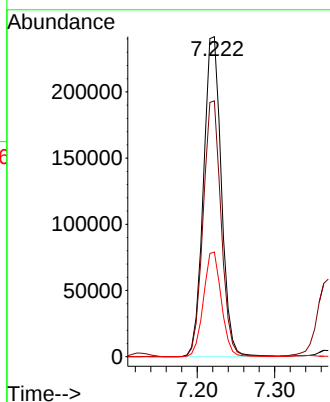
Tgt Ion: 93 Resp: 388060

Ion Ratio Lower Upper

93 100

63 80.0 63.4 95.0

95 32.7 26.2 39.2



#12

2-Chlorophenol

Concen: 29.669 ng/ul

RT: 7.369 min Scan# 728

Delta R.T. 0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

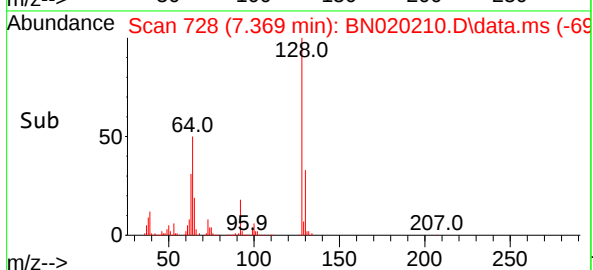
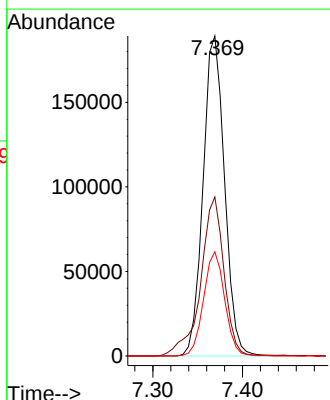
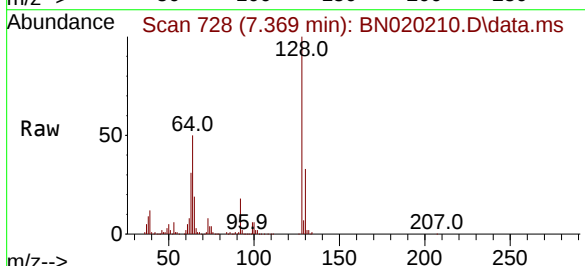
Tgt Ion:128 Resp: 314434

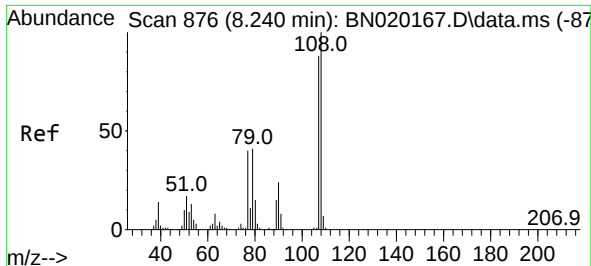
Ion Ratio Lower Upper

128 100

64 49.7 38.6 57.8

130 32.5 25.0 37.4

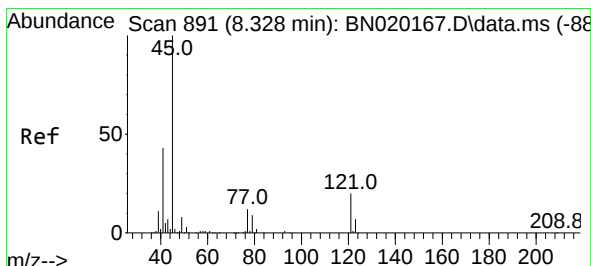
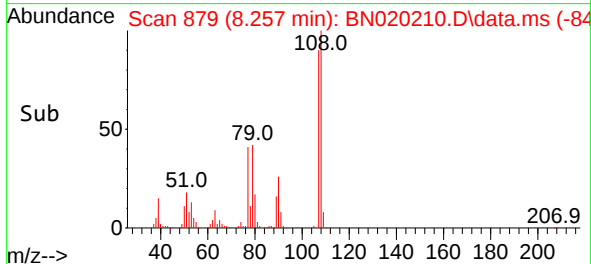
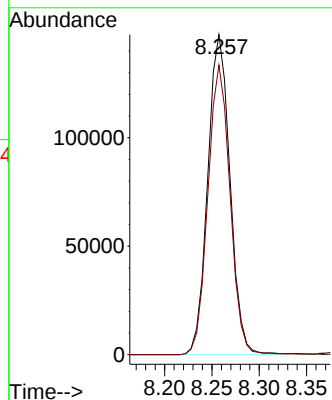
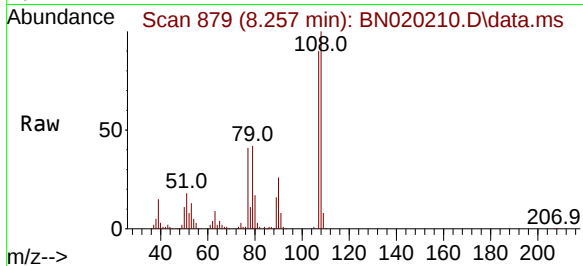




#13
2-Methylphenol
Concen: 23.549 ng/ul
RT: 8.257 min Scan# 81
Delta R.T. 0.017 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

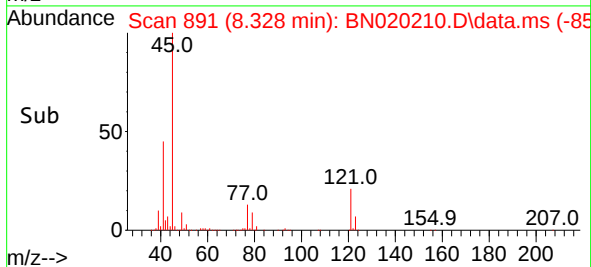
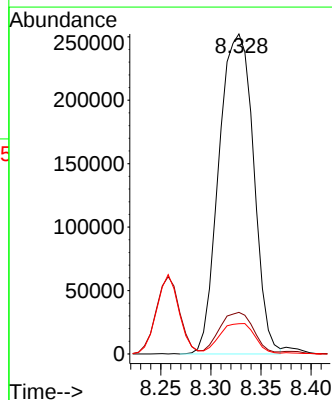
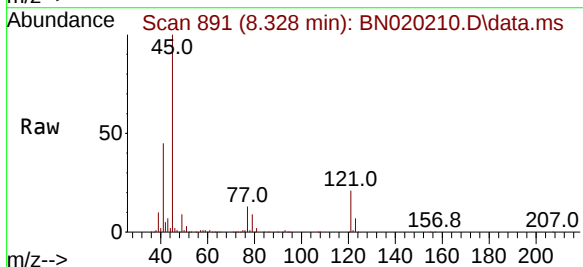
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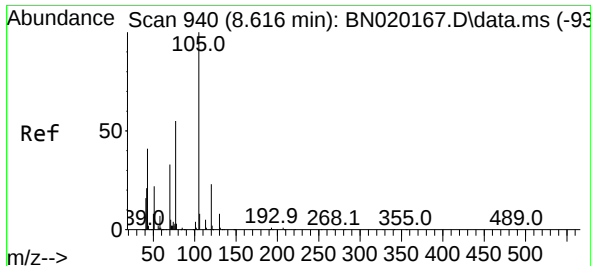
Tgt Ion:108 Resp: 240558
Ion Ratio Lower Upper
108 100
107 90.5 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 37.137 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion: 45 Resp: 605629
Ion Ratio Lower Upper
45 100
77 13.0 10.9 16.3
79 9.4 8.6 13.0

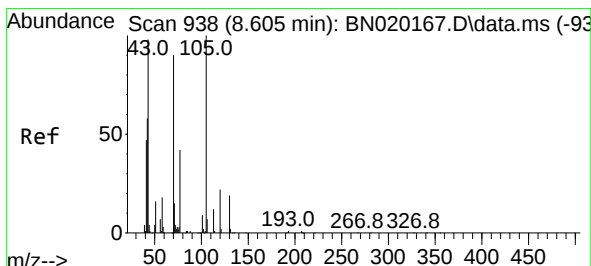
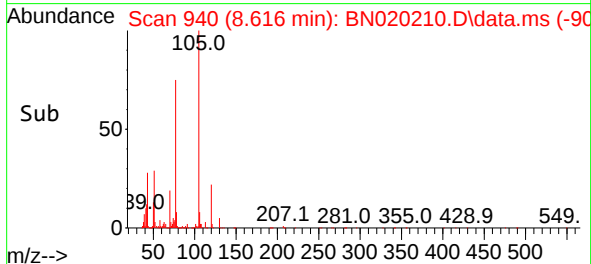
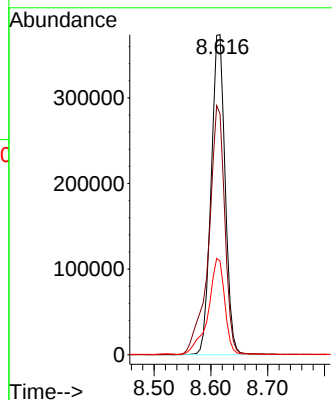
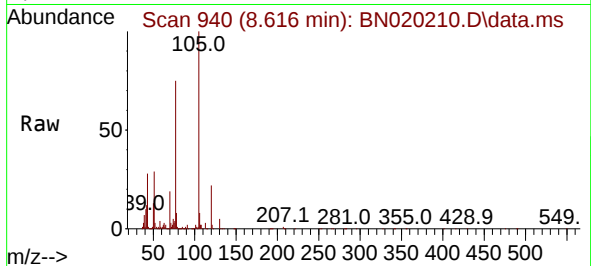




#16
 Acetophenone
 Concen: 38.833 ng/ul
 RT: 8.616 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

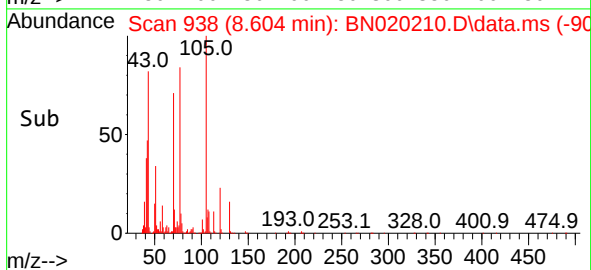
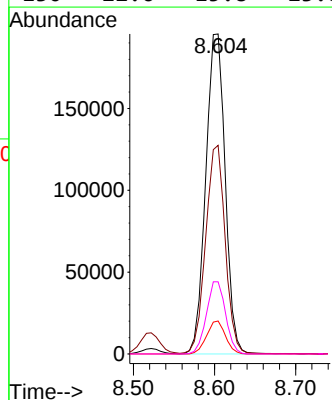
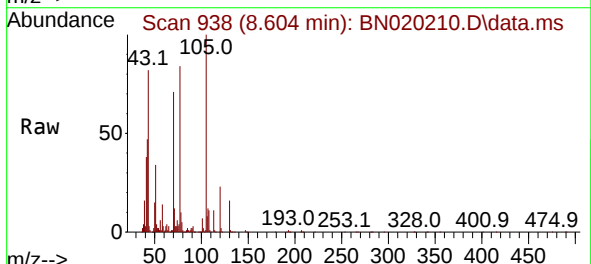
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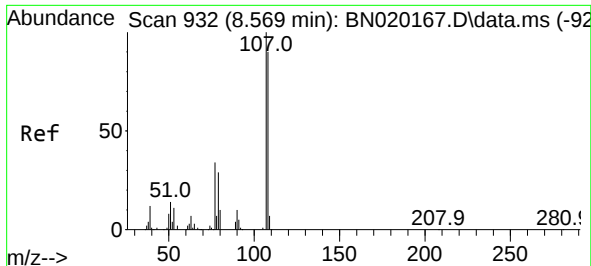
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 Ion Ratio Lower Upper
 105 100
 77 75.2 63.5 95.3
 51 29.3 23.5 35.3



#17
 N-Nitroso-di-n-propylamine
 Concen: 38.774 ng/ul
 RT: 8.604 min Scan# 938
 Delta R.T. -0.000 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

Tgt Ion: 70 Resp: 325202
 Ion Ratio Lower Upper
 70 100
 42 65.2 47.8 71.6
 101 10.3 7.8 11.6
 130 22.6 15.8 23.8

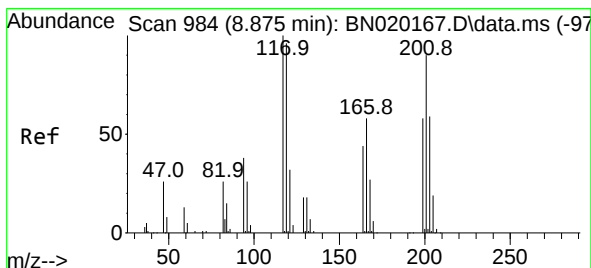
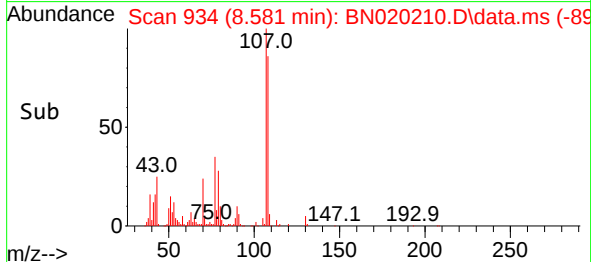
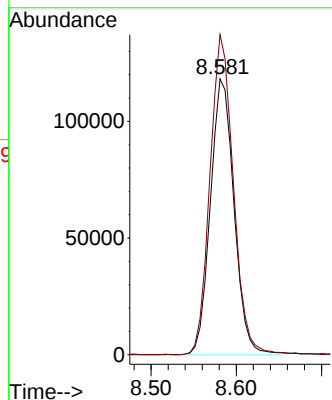
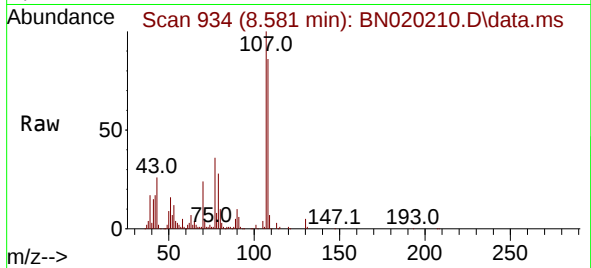




#18
4-Methylphenol
Concen: 20.181 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

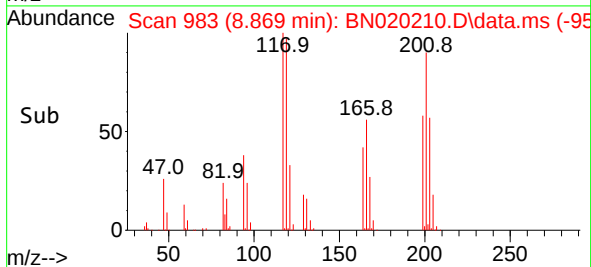
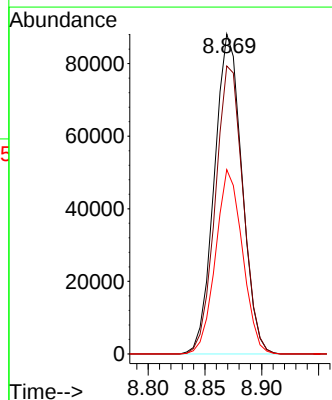
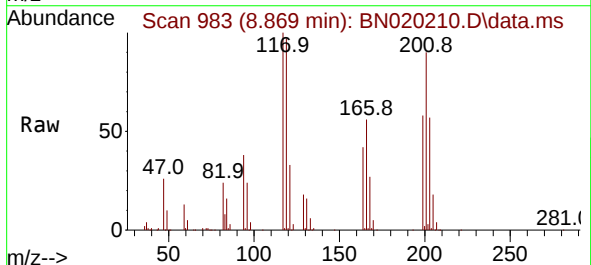
Instrument :
BNA_N
ClientSampleId :

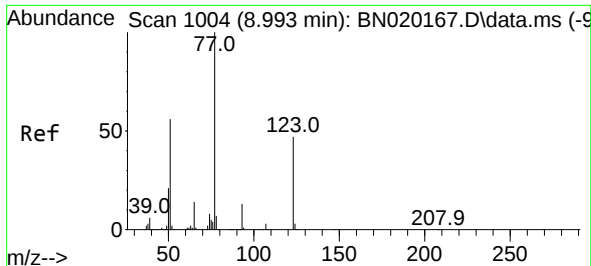
Tgt Ion:108 Resp: 227522
Ion Ratio Lower Upper
108 100
107 116.0 88.0 132.0



#19
Hexachloroethane
Concen: 35.022 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:117 Resp: 149346
Ion Ratio Lower Upper
117 100
201 90.0 83.2 124.8
199 57.6 50.2 75.4

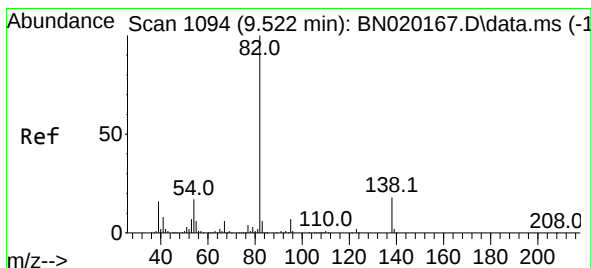
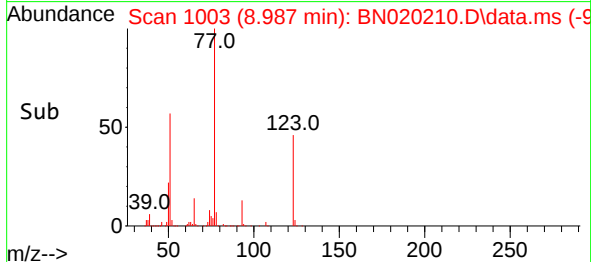
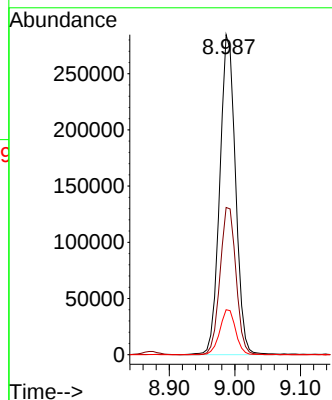
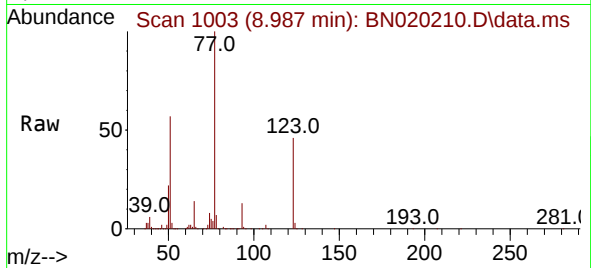




#22
Nitrobenzene
Concen: 36.216 ng/ul
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

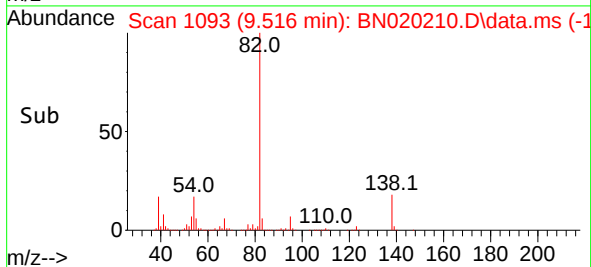
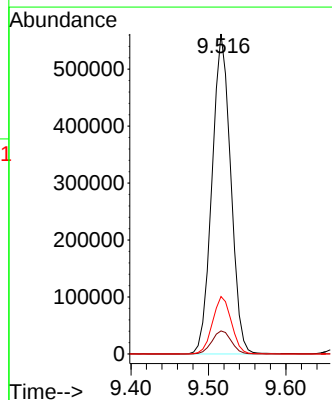
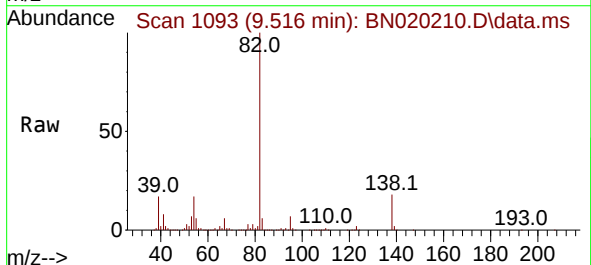
Instrument :
BNA_N
ClientSampleId :

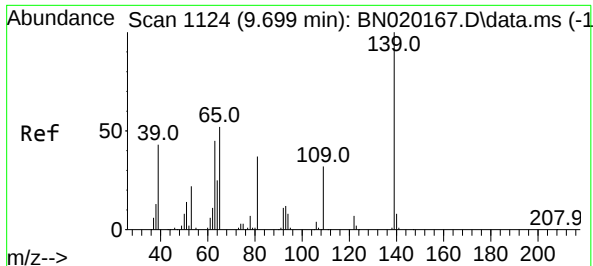
Tgt Ion: 77 Resp: 473793
Ion Ratio Lower Upper
77 100
123 46.0 34.5 51.7
65 14.0 11.1 16.7



#23
Isophorone
Concen: 36.499 ng/ul
RT: 9.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion: 82 Resp: 942779
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 18.0 13.8 20.8





#25

2-Nitrophenol

Concen: 36.256 ng/ul

RT: 9.698 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

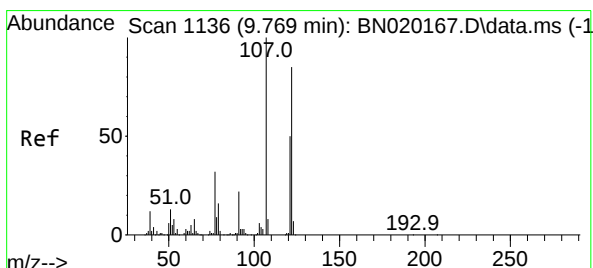
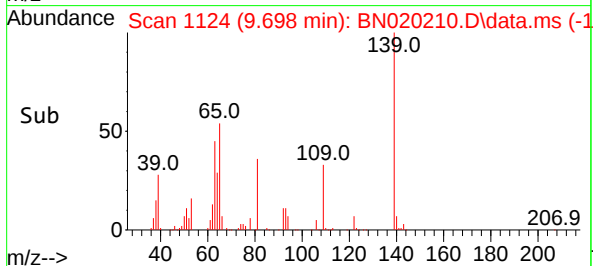
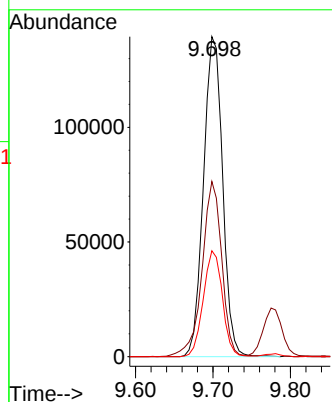
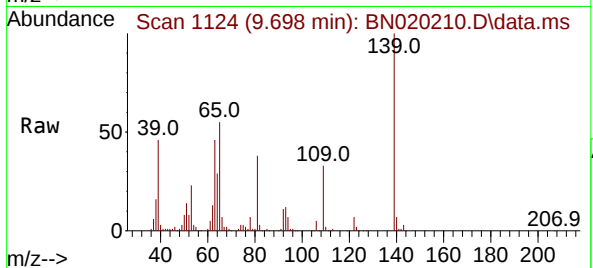
Tgt Ion:139 Resp: 239898

Ion Ratio Lower Upper

139 100

65 54.7 43.7 65.5

109 33.1 25.8 38.6



#26

2,4-Dimethylphenol

Concen: 28.501 ng/ul

RT: 9.775 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

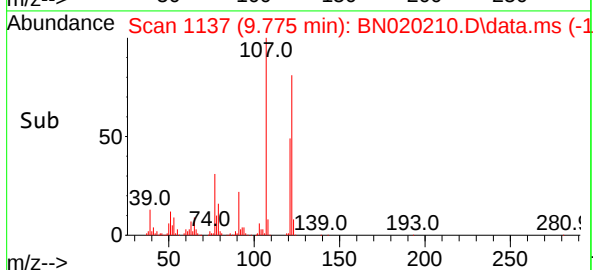
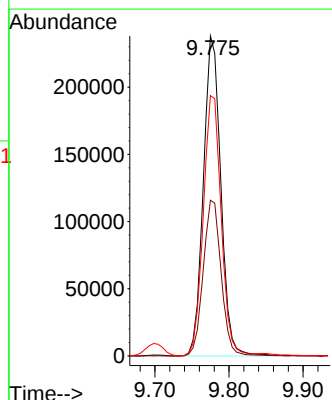
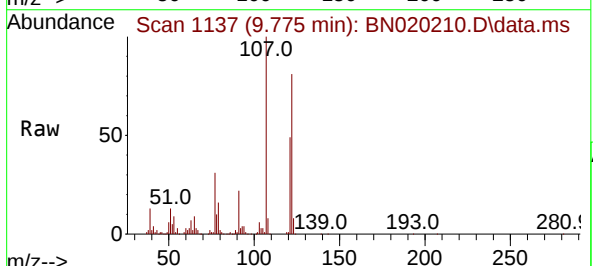
Tgt Ion:107 Resp: 390697

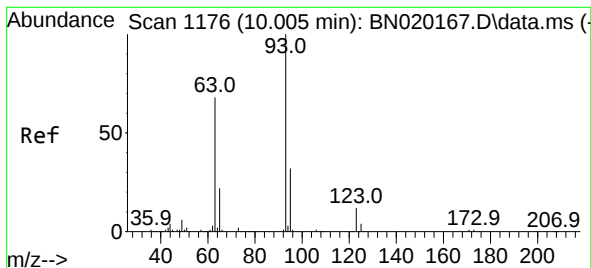
Ion Ratio Lower Upper

107 100

121 48.7 38.3 57.5

122 81.3 66.3 99.5

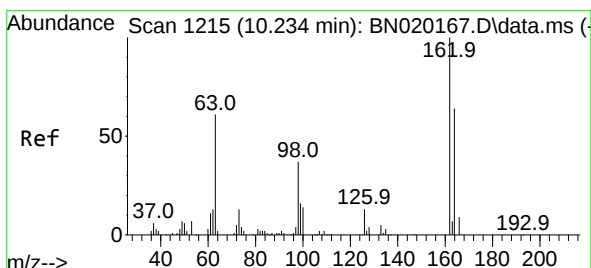
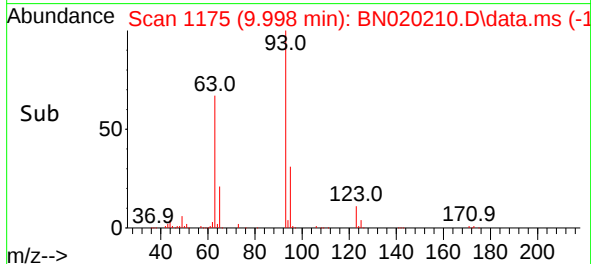
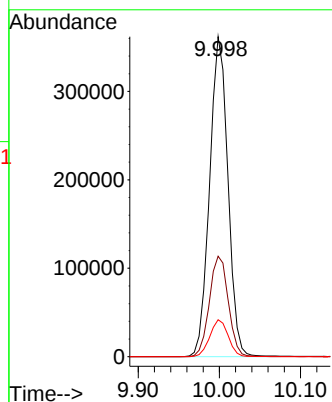
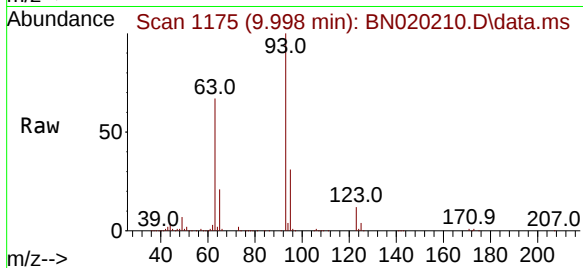




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.876 ng/ul
 RT: 9.998 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

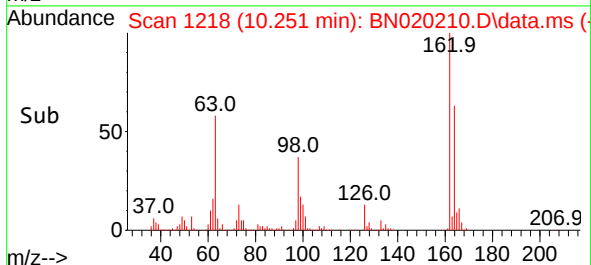
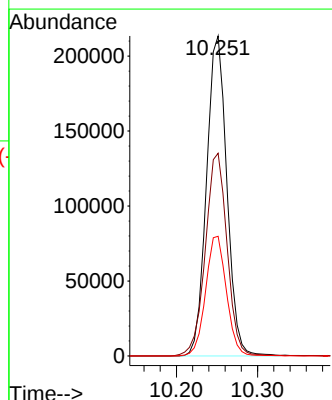
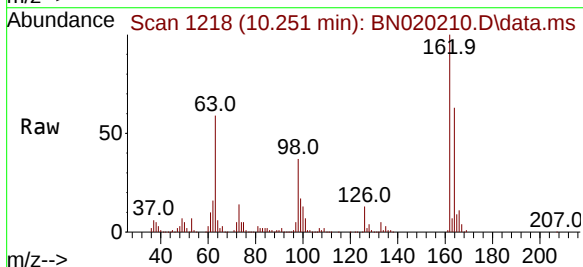
Instrument :
 BNA_N
 ClientSampleId :

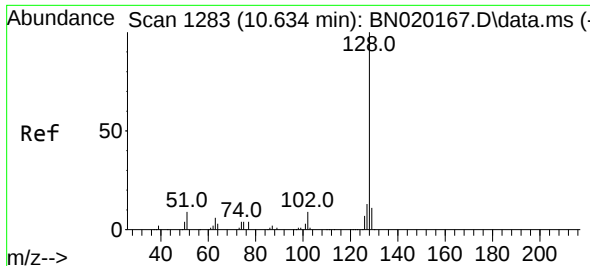
Tgt Ion: 93 Resp: 567093
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.4 38.0
 123 11.5 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 34.381 ng/ul
 RT: 10.251 min Scan# 1218
 Delta R.T. 0.017 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

Tgt Ion: 162 Resp: 371771
 Ion Ratio Lower Upper
 162 100
 164 63.4 52.9 79.3
 98 37.4 29.8 44.8

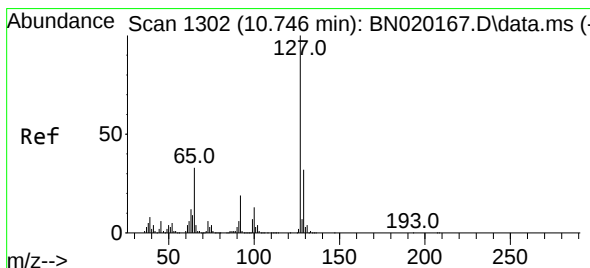
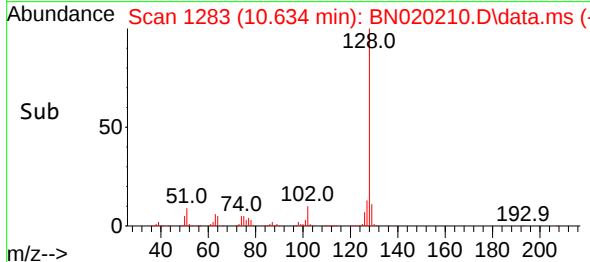
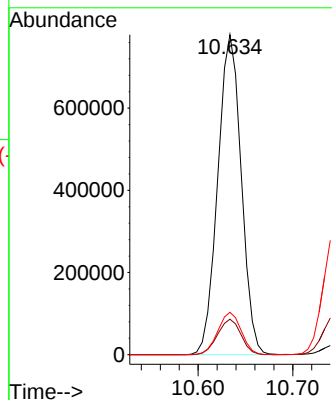
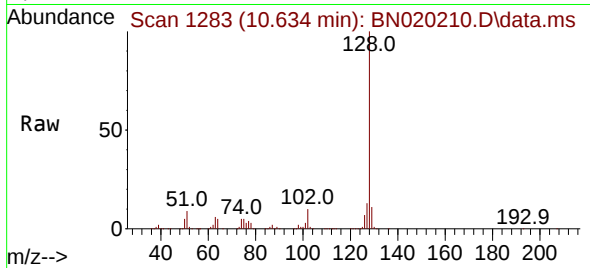




#30
Naphthalene
Concen: 34.957 ng/ul
RT: 10.634 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

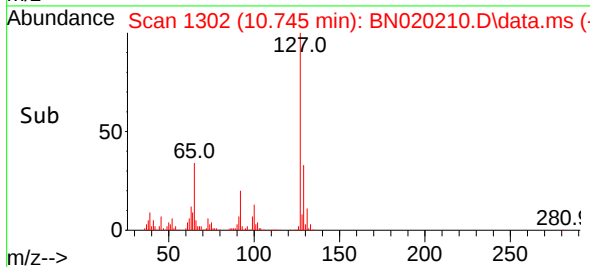
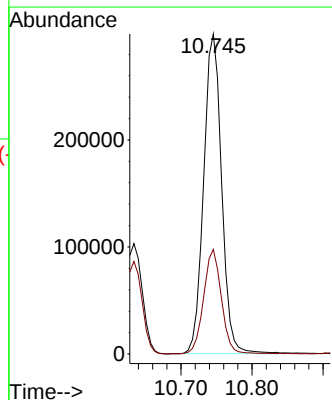
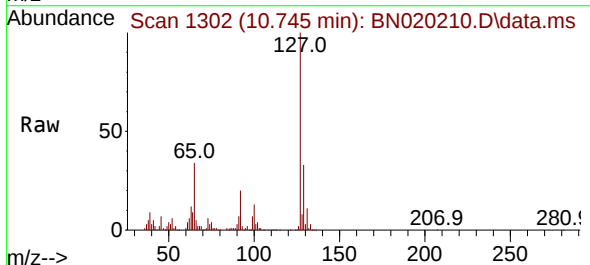
Instrument :
BNA_N
ClientSampleId :

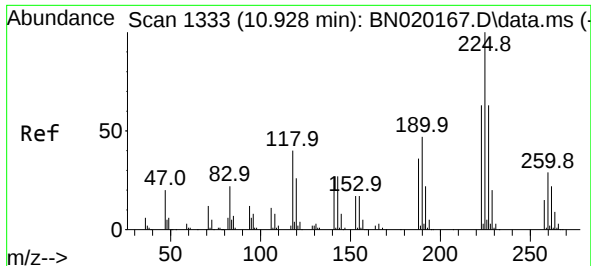
Tgt Ion:128 Resp: 1343650
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 16.0



#32
4-Chloroaniline
Concen: 31.005 ng/ul
RT: 10.745 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:127 Resp: 524984
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1

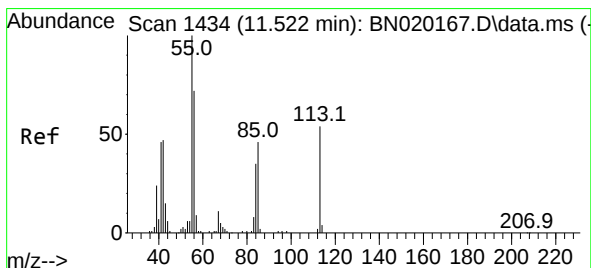
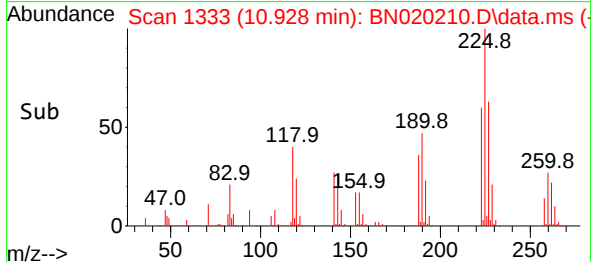
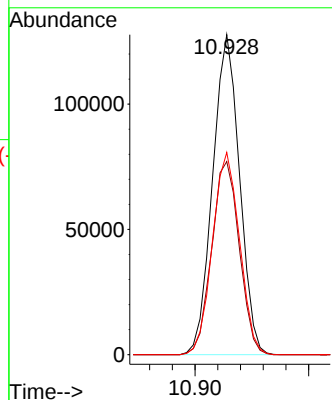
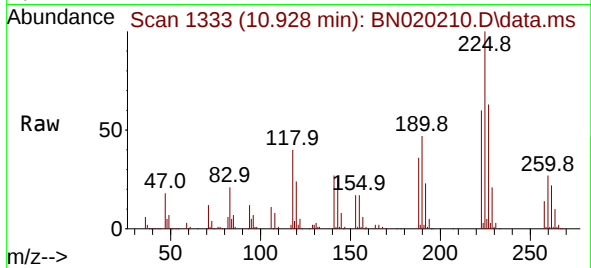




#33
Hexachlorobutadiene
Concen: 33.843 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

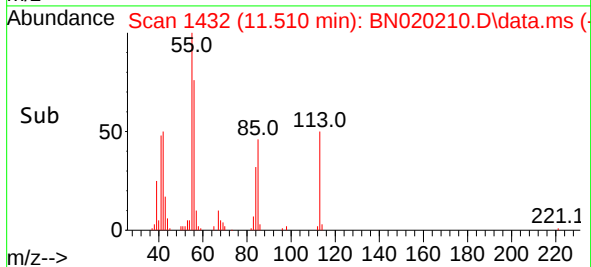
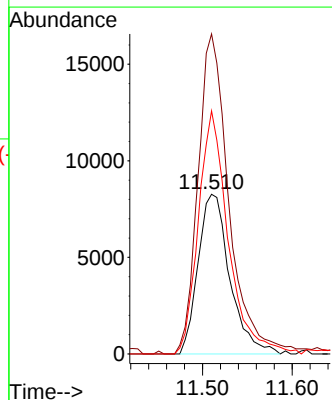
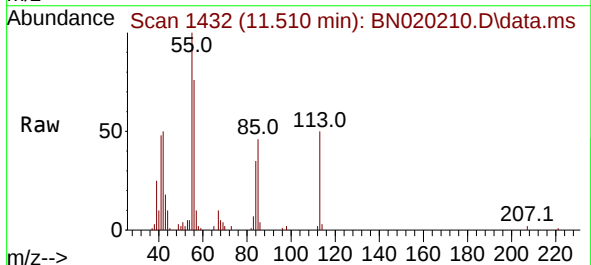
Instrument :
BNA_N
ClientSampleId :

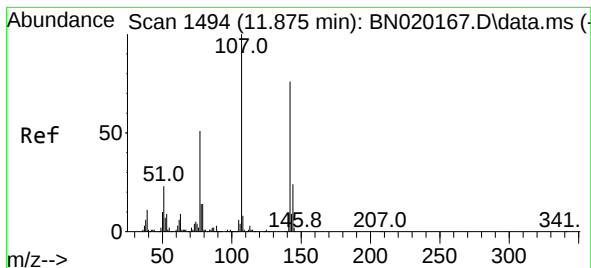
Tgt Ion:225 Resp: 210101
Ion Ratio Lower Upper
225 100
223 60.4 51.8 77.6
227 63.2 50.6 76.0



#34
Caprolactam
Concen: 4.807 ng/ul
RT: 11.510 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:113 Resp: 20298
Ion Ratio Lower Upper
113 100
55 200.4 145.5 218.3
56 152.2 106.5 159.7

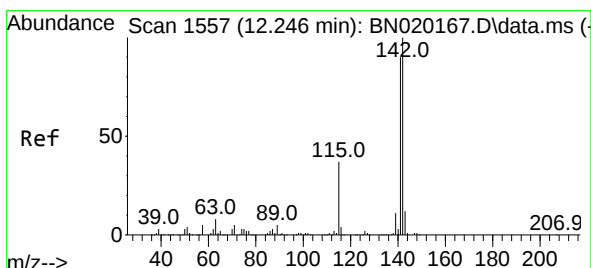
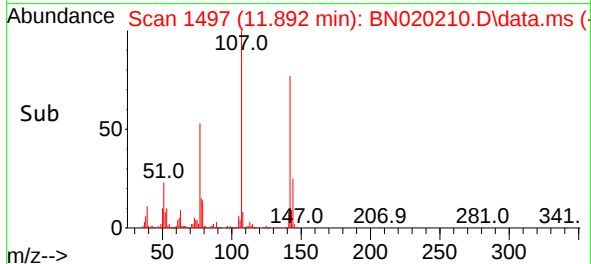
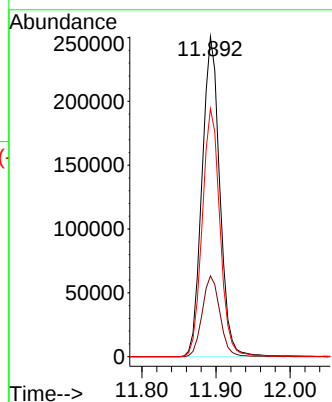
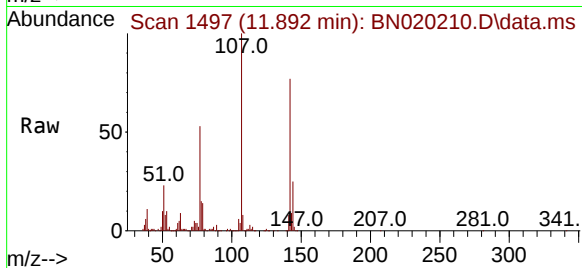




#35
4-Chloro-3-methylphenol
Concen: 32.757 ng/ul
RT: 11.892 min Scan# 1497
Delta R.T. 0.017 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

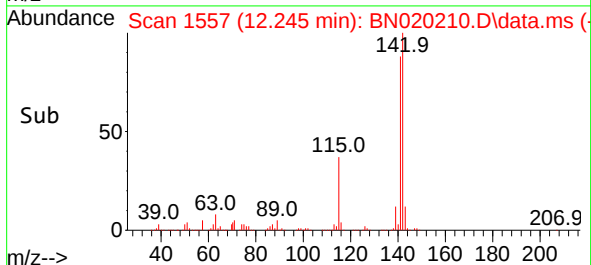
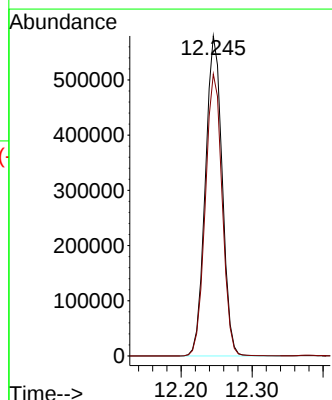
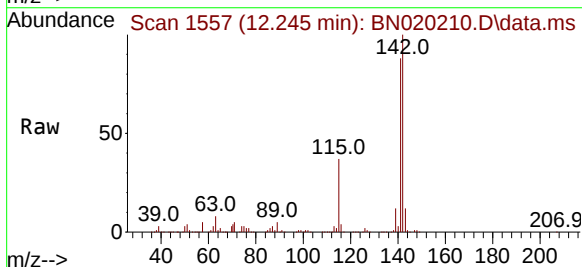
Instrument :
BNA_N
ClientSampleId :

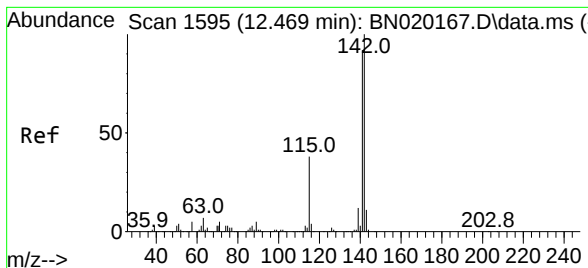
Tgt Ion:107 Resp: 418246
Ion Ratio Lower Upper
107 100
144 25.2 20.6 31.0
142 77.5 62.2 93.4



#36
2-Methylnaphthalene
Concen: 36.700 ng/ul
RT: 12.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:142 Resp: 953673
Ion Ratio Lower Upper
142 100
141 88.1 70.6 105.8





#37

1-Methylnaphthalene

Concen: 36.921 ng/ul

RT: 12.469 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

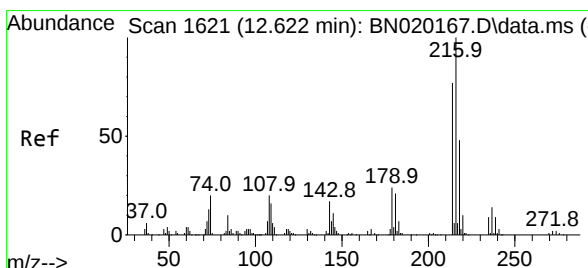
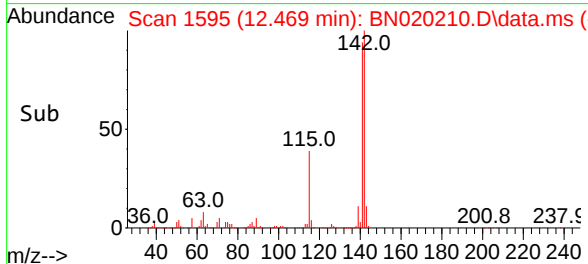
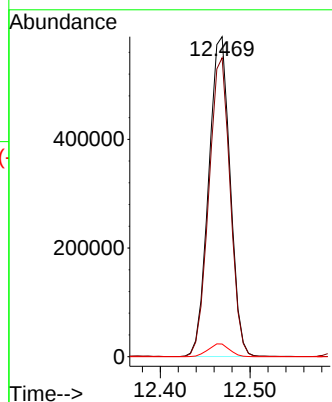
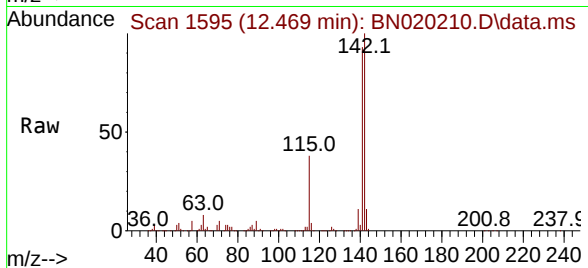
Tgt Ion:142 Resp: 979072

Ion Ratio Lower Upper

142 100

141 93.4 70.9 106.3

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.236 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Tgt Ion:216 Resp: 444391

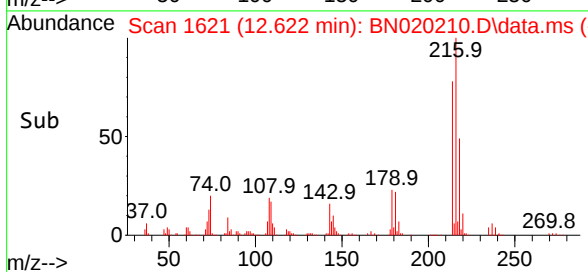
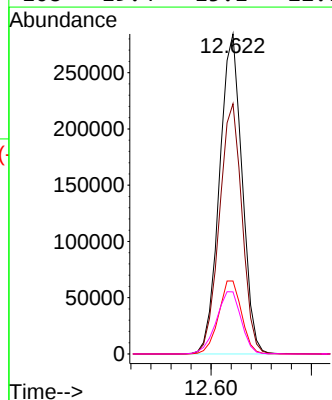
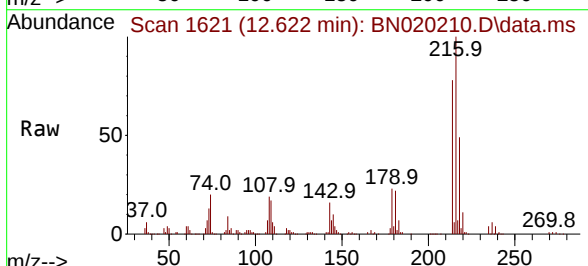
Ion Ratio Lower Upper

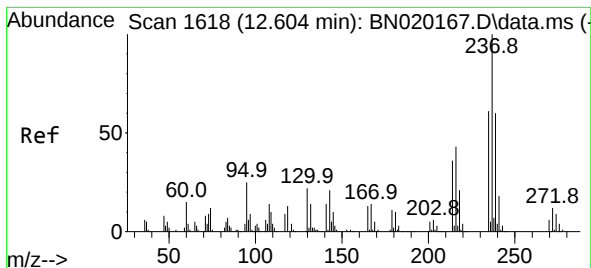
216 100

214 78.2 63.4 95.0

179 22.8 17.8 26.8

108 19.4 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 23.404 ng/ul

RT: 12.604 min Scan# 1618

Delta R.T. -0.000 min

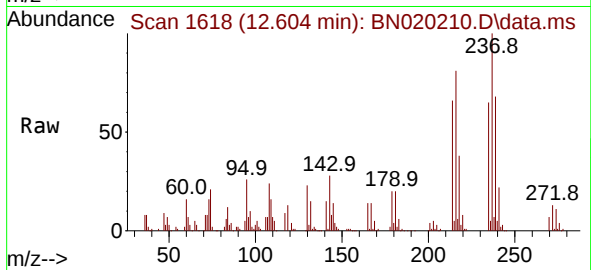
Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :



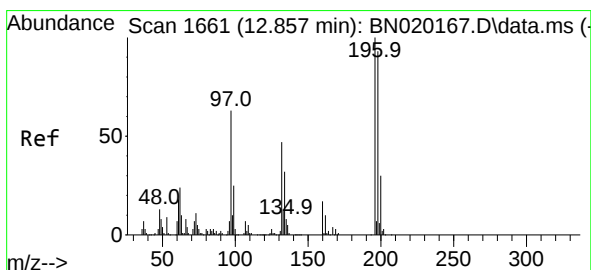
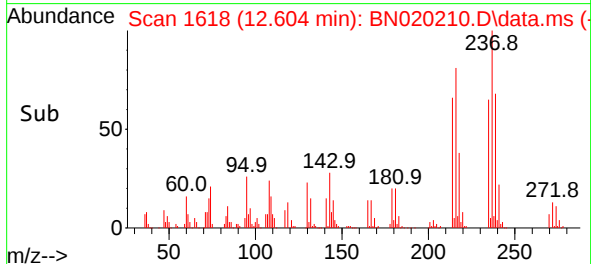
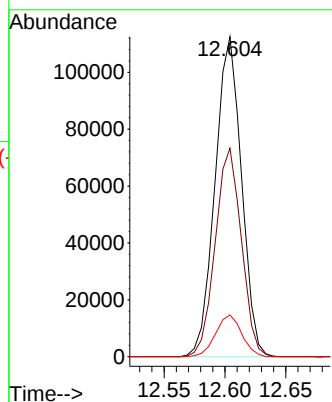
Tgt Ion:237 Resp: 169915

Ion Ratio Lower Upper

237 100

235 65.1 48.8 73.2

272 13.1 9.3 13.9



#41

2,4,6-Trichlorophenol

Concen: 39.196 ng/ul

RT: 12.863 min Scan# 1662

Delta R.T. 0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

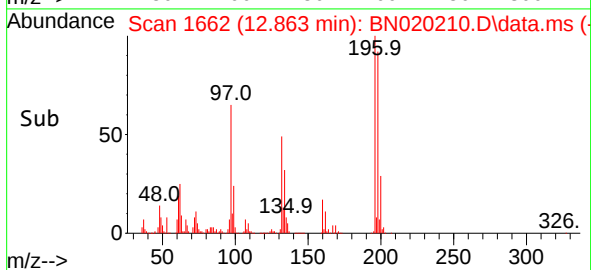
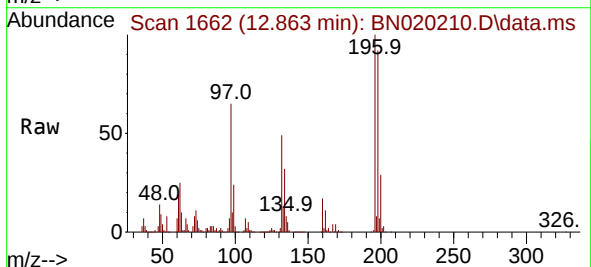
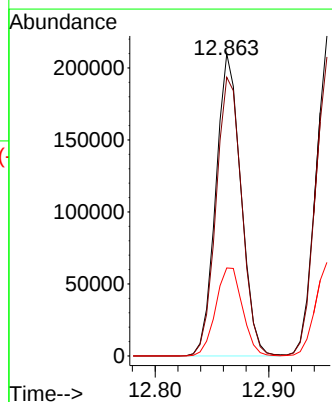
Tgt Ion:196 Resp: 322552

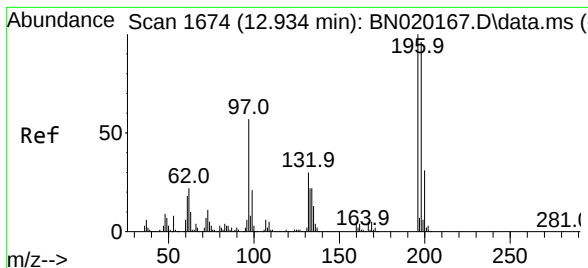
Ion Ratio Lower Upper

196 100

198 92.2 79.8 119.8

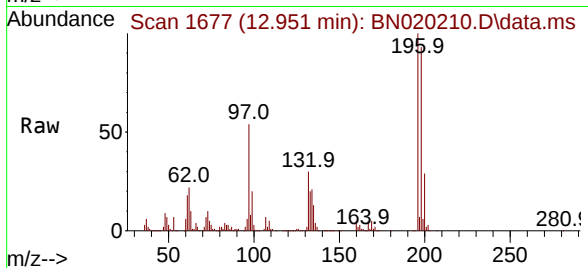
200 29.1 25.0 37.6



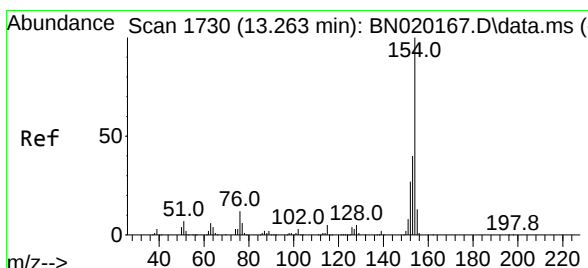
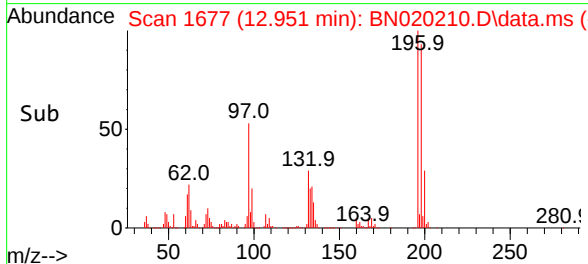
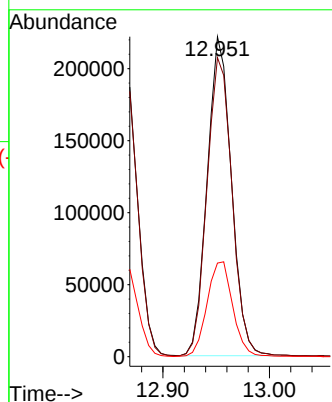


#42
2,4,5-Trichlorophenol
Concen: 38.487 ng/ul
RT: 12.951 min Scan# 1
Delta R.T. 0.017 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :

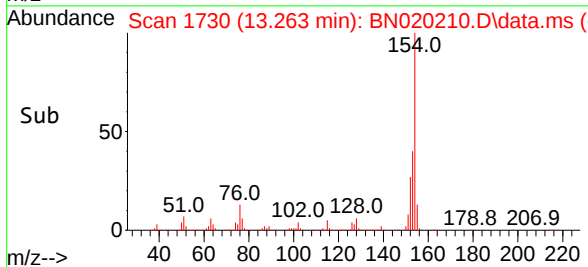
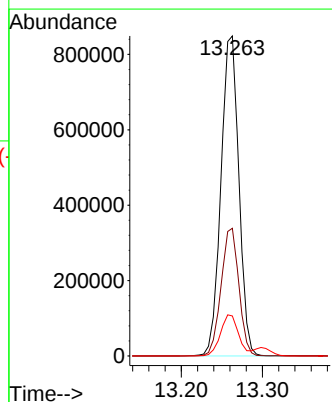
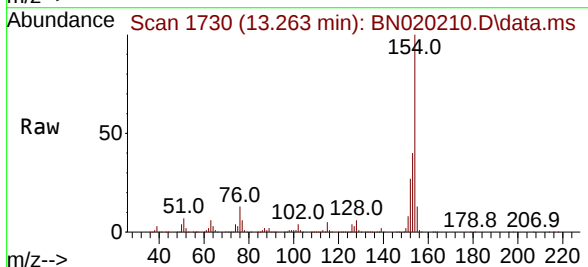


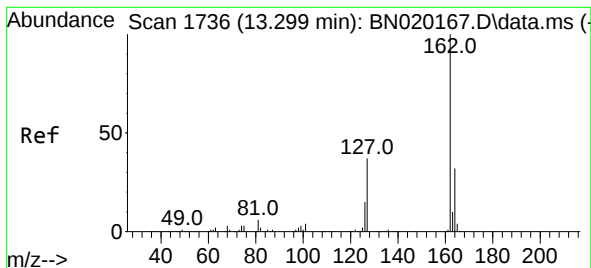
Tgt Ion:196 Resp: 350770
Ion Ratio Lower Upper
196 100
198 93.5 77.6 116.4
200 29.2 24.4 36.6



#43
1,1'-Biphenyl
Concen: 37.595 ng/ul
RT: 13.263 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:154 Resp: 1302669
Ion Ratio Lower Upper
154 100
153 39.9 31.5 47.3
76 12.5 10.5 15.7





#44

2-Chloronaphthalene

Concen: 37.215 ng/ul

RT: 13.298 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

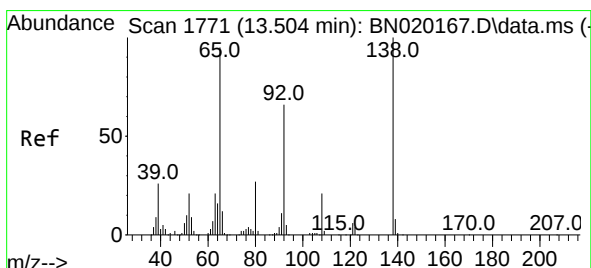
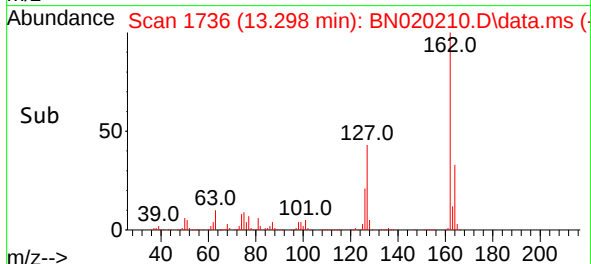
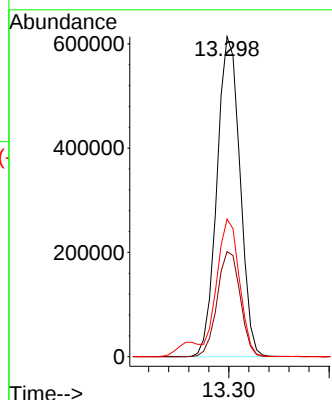
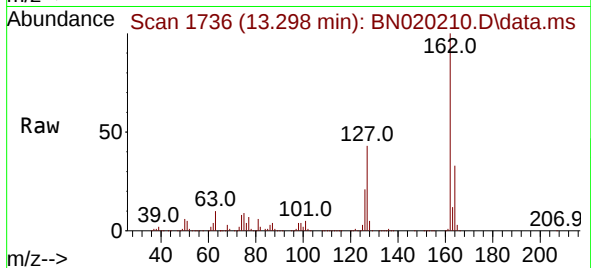
Tgt Ion:162 Resp: 978239

Ion Ratio Lower Upper

162 100

164 32.9 25.8 38.6

127 43.0 31.4 47.2



#45

2-Nitroaniline

Concen: 42.347 ng/ul

RT: 13.504 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

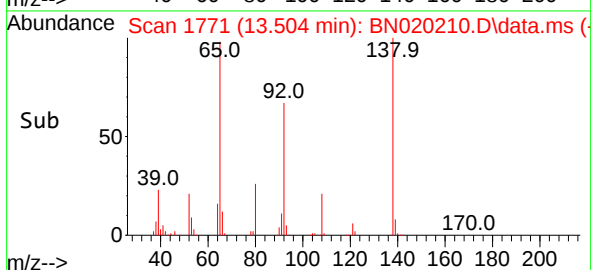
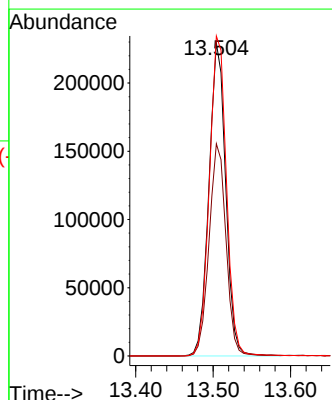
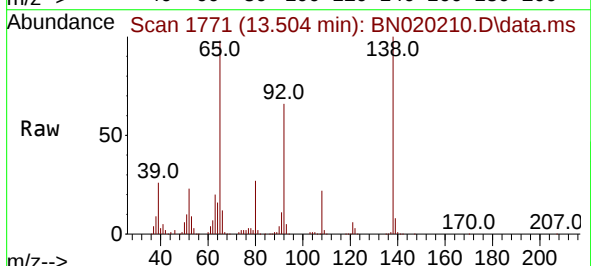
Tgt Ion: 65 Resp: 346309

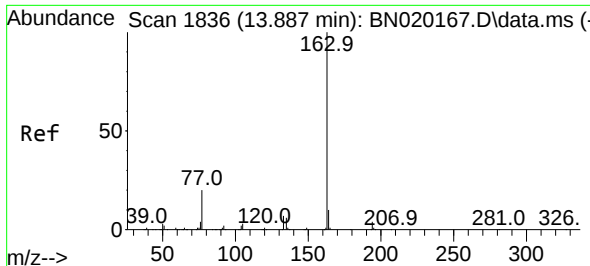
Ion Ratio Lower Upper

65 100

92 67.8 54.1 81.1

138 102.3 77.0 115.4

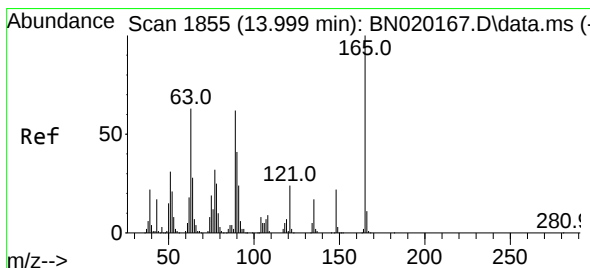
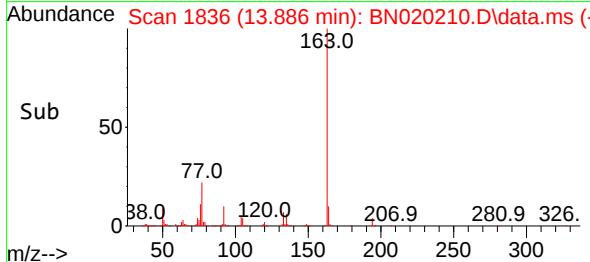
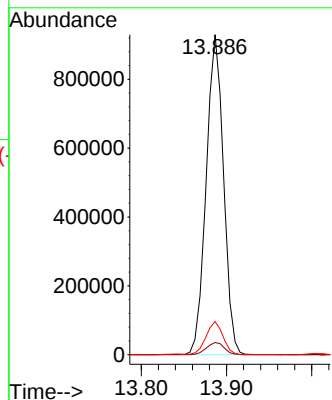
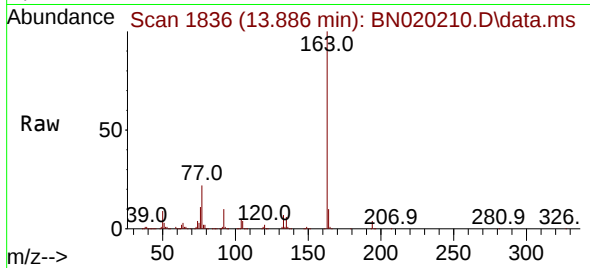




#47
Dimethylphthalate
Concen: 38.312 ng/ul
RT: 13.886 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

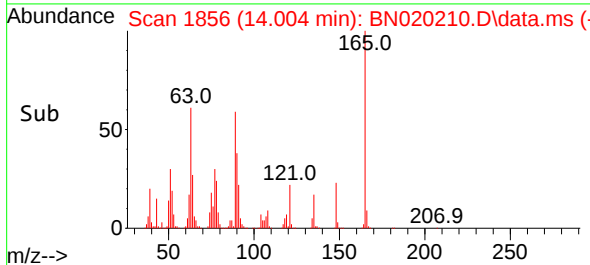
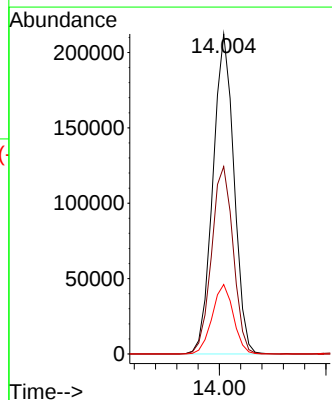
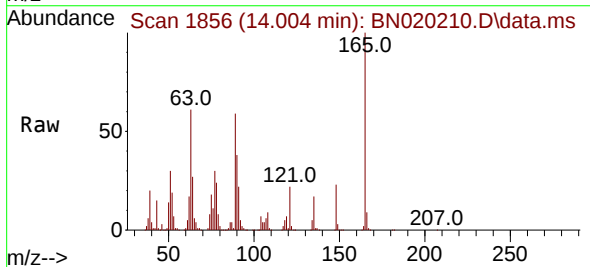
Instrument :
BNA_N
ClientSampleId :

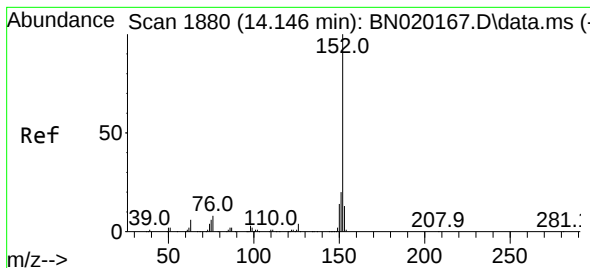
Tgt Ion:163 Resp: 1313178
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.3 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 43.402 ng/ul
RT: 14.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:165 Resp: 290861
Ion Ratio Lower Upper
165 100
89 58.6 50.6 75.8
121 21.7 17.9 26.9





#50

Acenaphthylene

Concen: 37.493 ng/ul

RT: 14.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

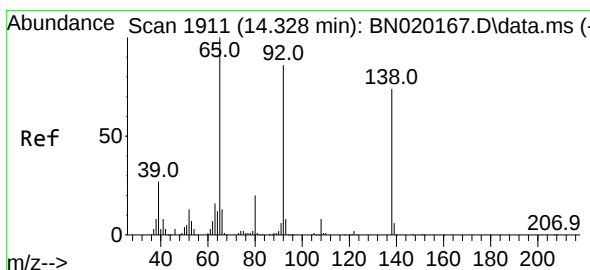
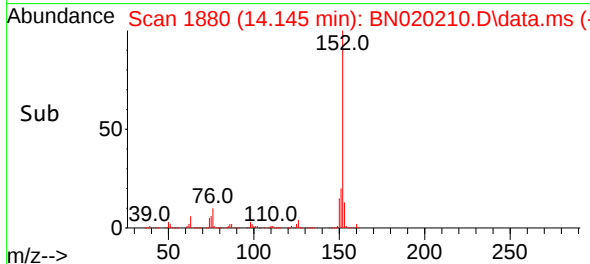
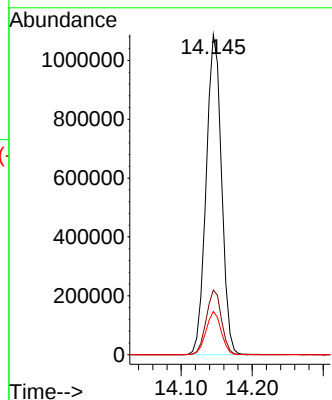
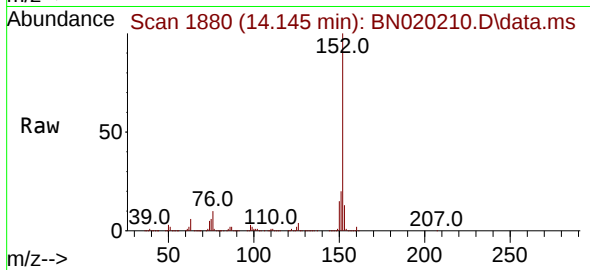
Tgt Ion:152 Resp: 1639087

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.5 10.7 16.1



#51

3-Nitroaniline

Concen: 39.891 ng/ul

RT: 14.333 min Scan# 1912

Delta R.T. 0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

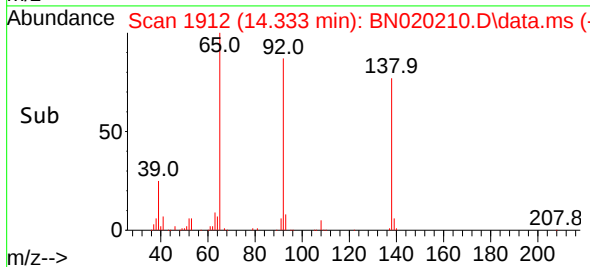
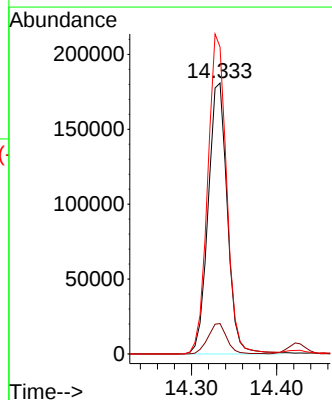
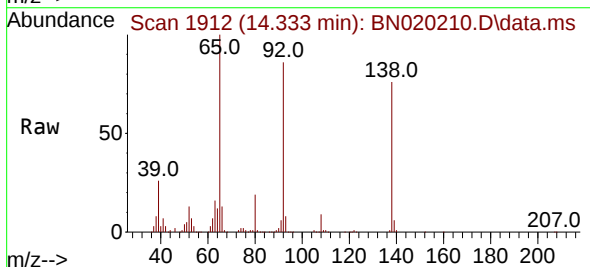
Tgt Ion:138 Resp: 282619

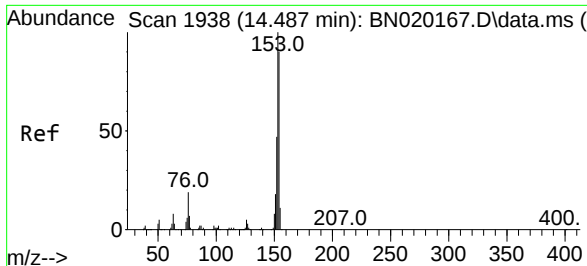
Ion Ratio Lower Upper

138 100

108 11.2 8.6 12.8

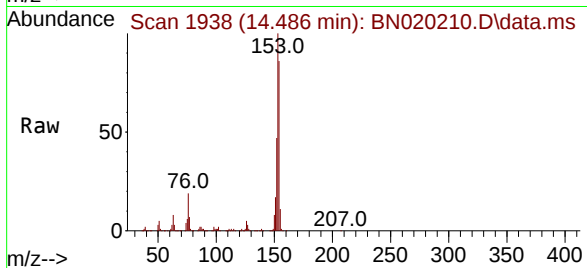
92 113.3 92.9 139.3



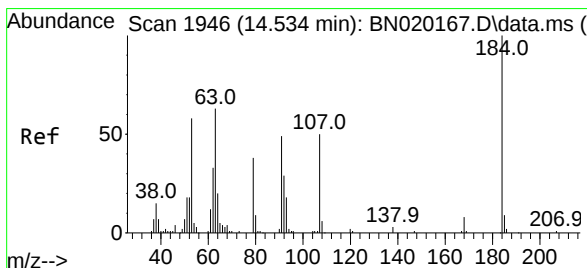
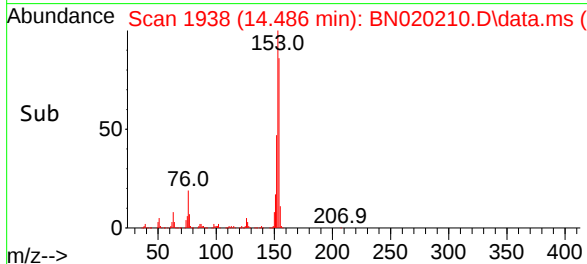
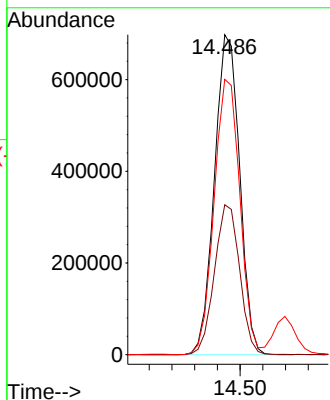


#52
Acenaphthene
Concen: 37.711 ng/ul
RT: 14.486 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :

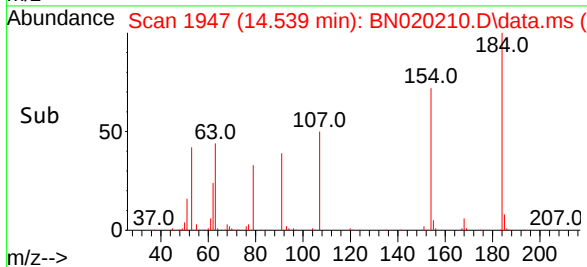
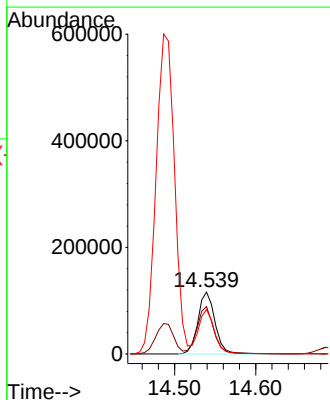
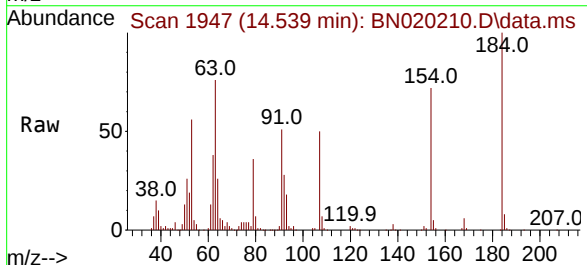


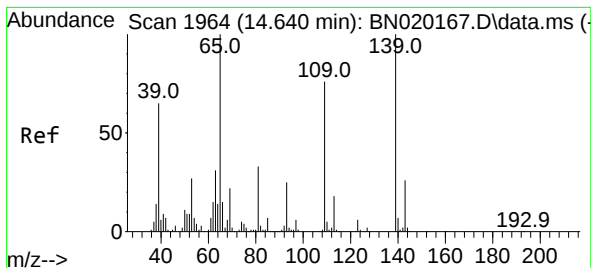
Tgt Ion:153 Resp: 1076850
Ion Ratio Lower Upper
153 100
152 46.9 38.4 57.6
154 86.0 69.7 104.5



#53
2,4-Dinitrophenol
Concen: 39.618 ng/ul
RT: 14.539 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:184 Resp: 169986
Ion Ratio Lower Upper
184 100
63 76.5 55.9 83.9
154 71.6 53.1 79.7

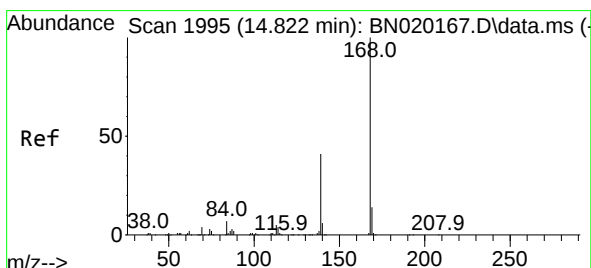
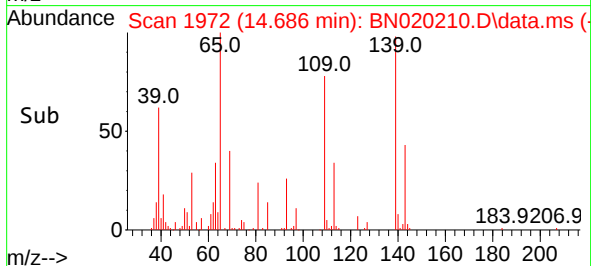
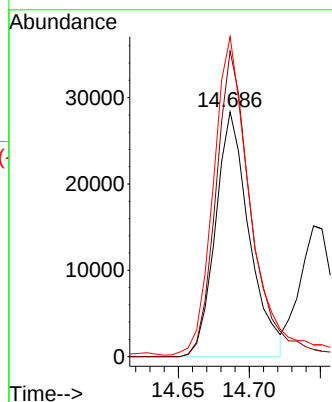
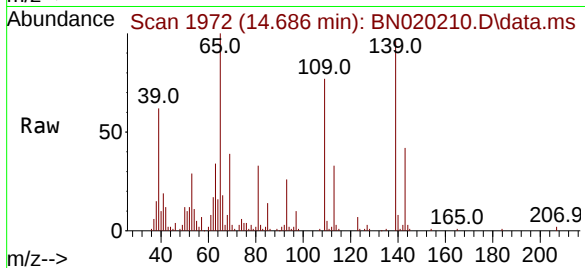




#55
4-Nitrophenol
Concen: 8.044 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. 0.047 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

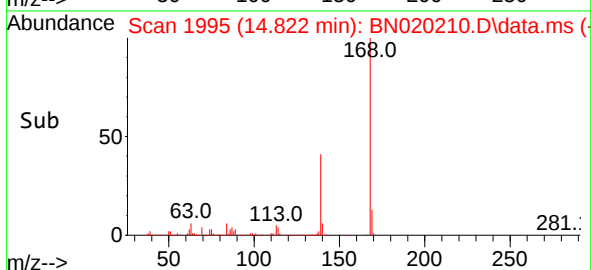
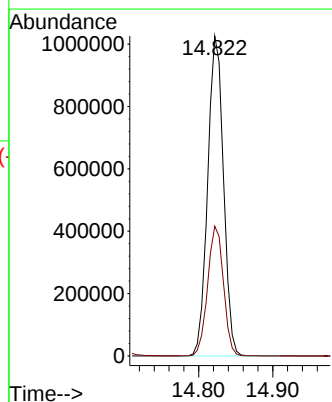
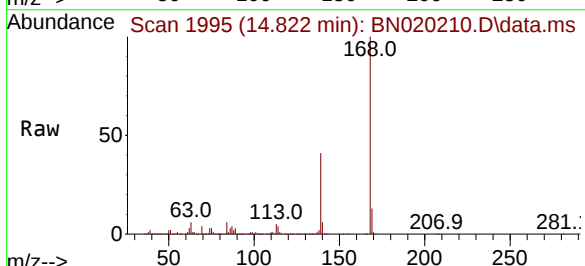
Instrument :
BNA_N
ClientSampleId :

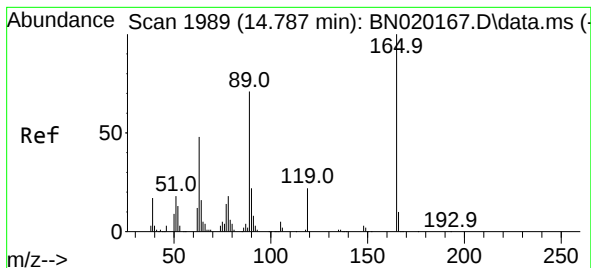
Tgt Ion:109 Resp: 46848
Ion Ratio Lower Upper
109 100
139 124.9 100.1 150.1
65 130.7 104.6 157.0



#56
Dibenzofuran
Concen: 37.693 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:168 Resp: 1516410
Ion Ratio Lower Upper
168 100
139 40.6 31.1 46.7

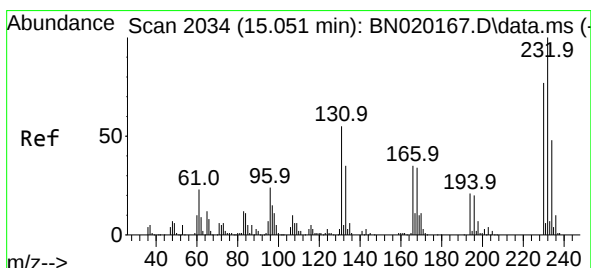
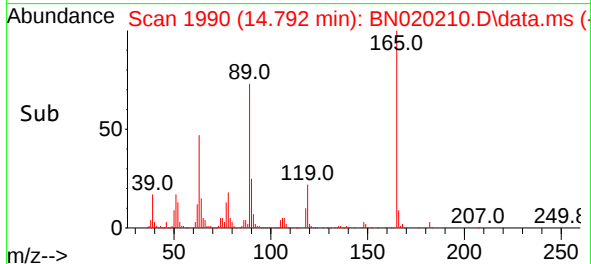
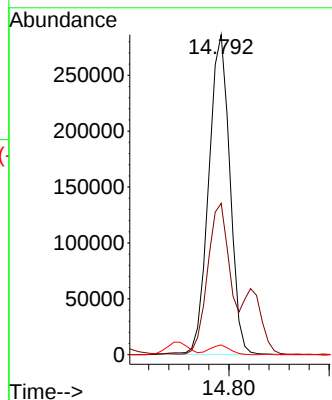
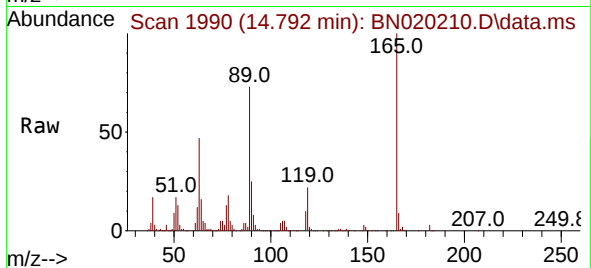




#57
2,4-Dinitrotoluene
Concen: 42.097 ng/ul
RT: 14.792 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

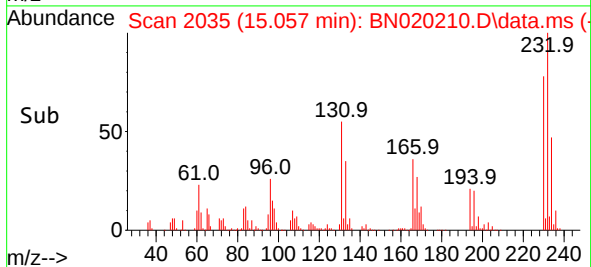
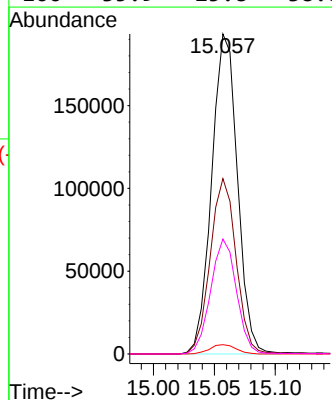
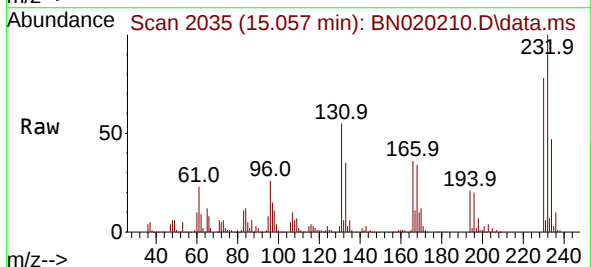
Instrument :
BNA_N
ClientSampleId :

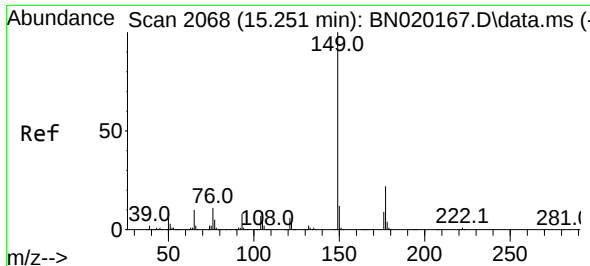
Tgt Ion:165 Resp: 417717
Ion Ratio Lower Upper
165 100
63 47.3 36.3 54.5
182 3.0 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.837 ng/ul
RT: 15.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

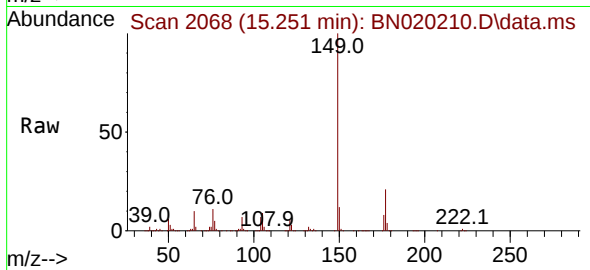
Tgt Ion:232 Resp: 285011
Ion Ratio Lower Upper
232 100
131 54.8 38.5 57.7
130 2.9 2.2 3.2
166 35.9 25.8 38.8



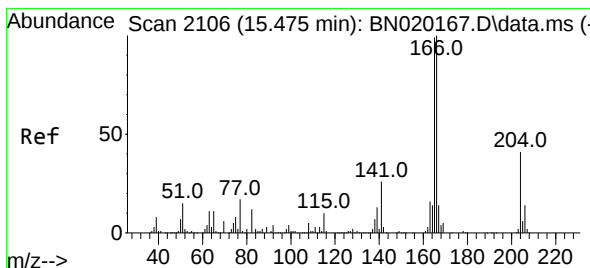
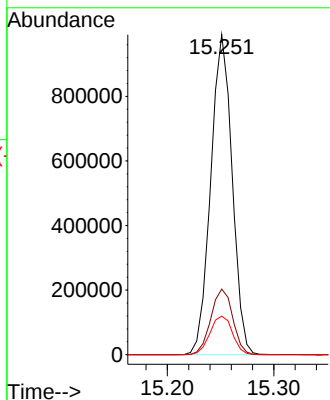
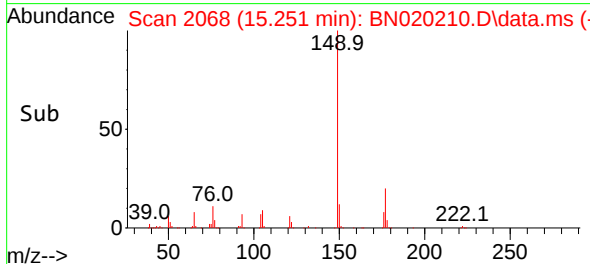


#59
Diethylphthalate
Concen: 39.144 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :

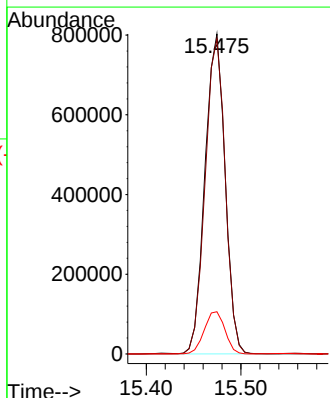
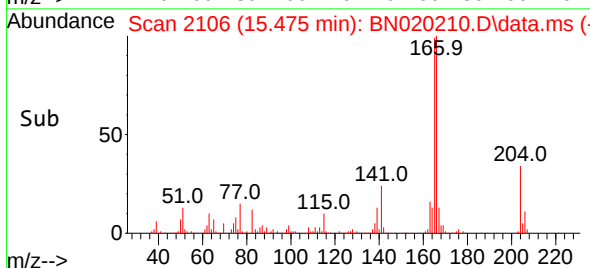
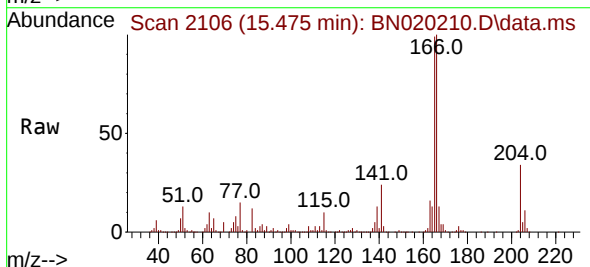


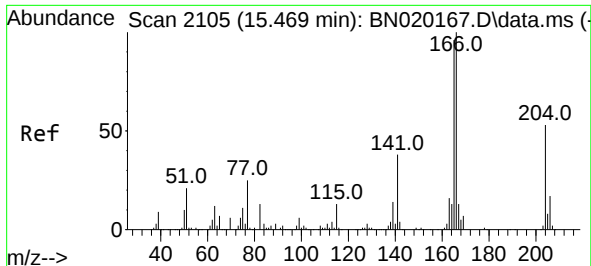
Tgt Ion:149 Resp: 1381343
Ion Ratio Lower Upper
149 100
177 20.5 17.8 26.8
150 12.1 10.5 15.7



#61
Fluorene
Concen: 37.892 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:166 Resp: 1186190
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 13.2 11.1 16.7

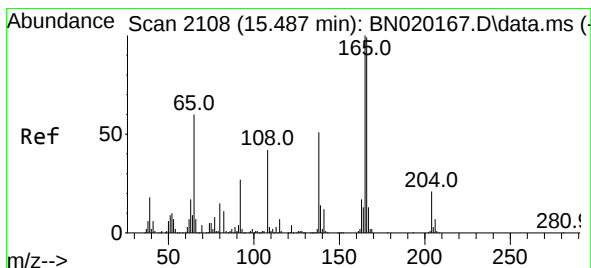
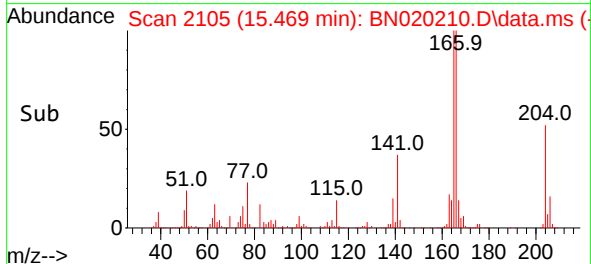
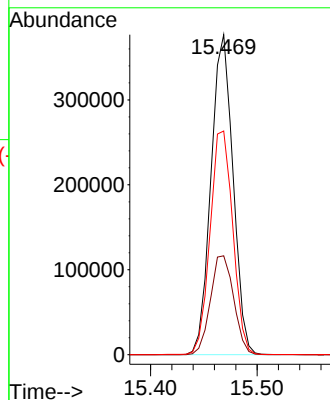
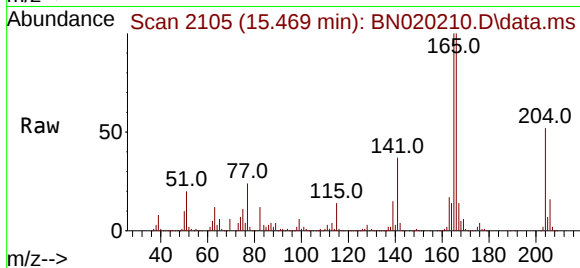




#62
4-Chlorophenyl-phenylether
Concen: 37.505 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

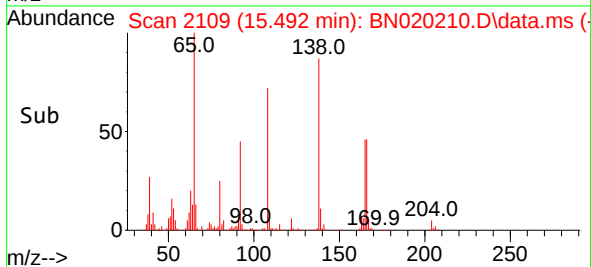
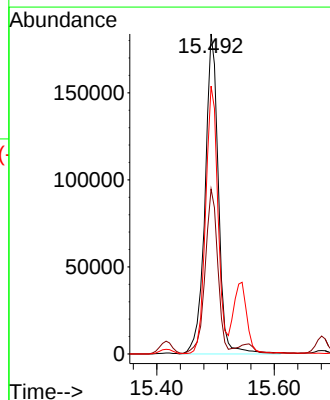
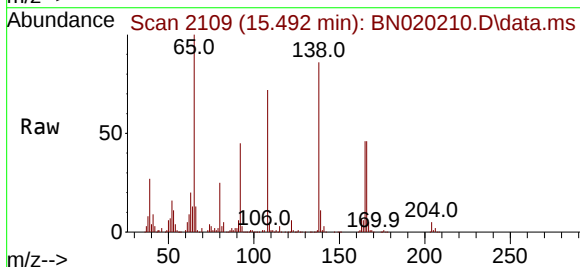
Instrument :
BNA_N
ClientSampleId :

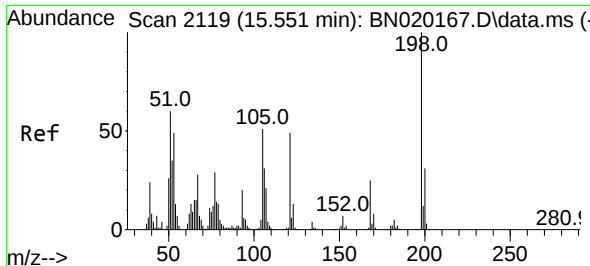
Tgt Ion:204 Resp: 540692
Ion Ratio Lower Upper
204 100
206 30.9 26.7 40.1
141 69.9 50.2 75.2



#63
4-Nitroaniline
Concen: 44.064 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:138 Resp: 291718
Ion Ratio Lower Upper
138 100
92 51.6 41.0 61.6
108 83.7 65.3 97.9

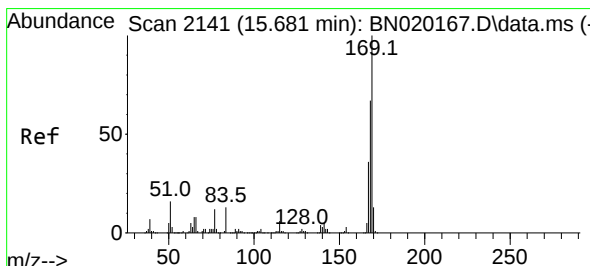
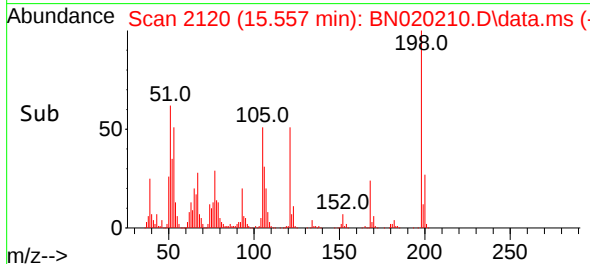
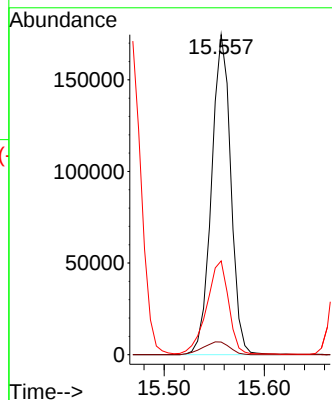
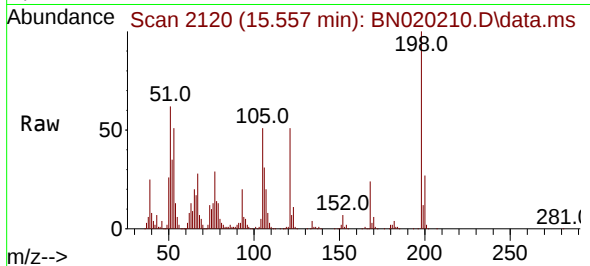




#66
4,6-Dinitro-2-methylphenol
Concen: 41.499 ng/ul
RT: 15.557 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

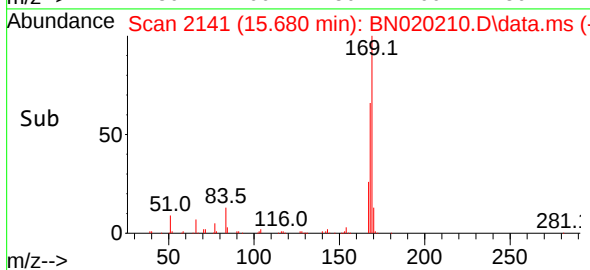
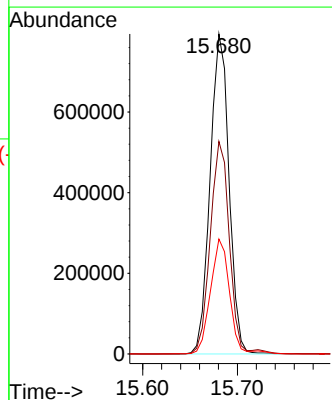
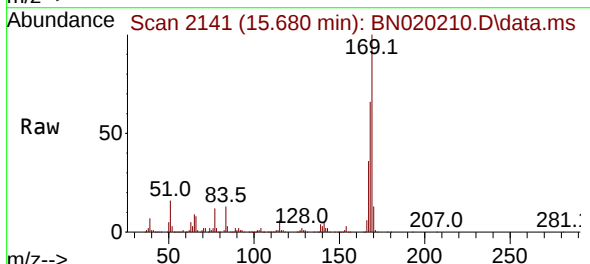
Instrument :
BNA_N
ClientSampleId :

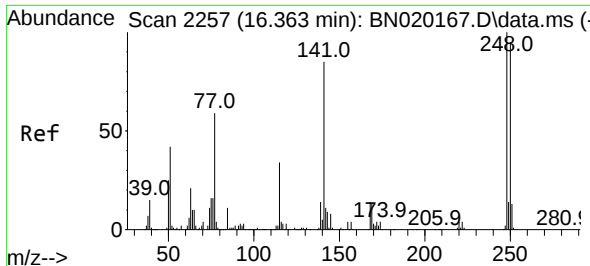
Tgt Ion:198 Resp: 233829
Ion Ratio Lower Upper
198 100
182 3.9 3.0 4.4
77 29.3 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 39.938 ng/ul
RT: 15.680 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

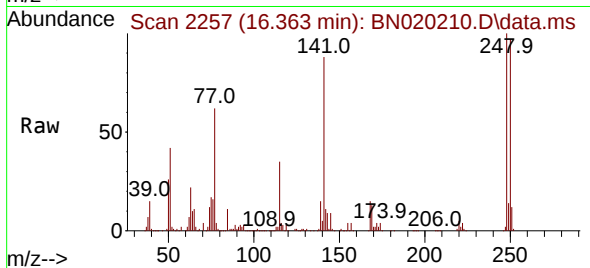
Tgt Ion:169 Resp: 1098503
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 35.9 27.5 41.3



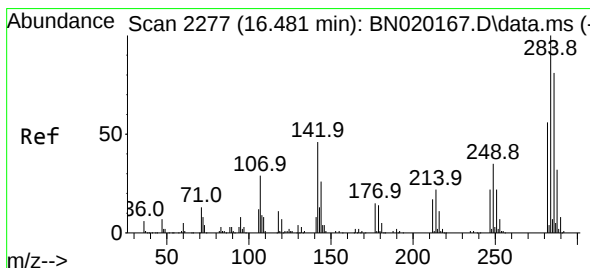
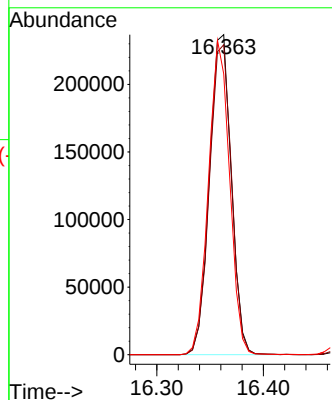
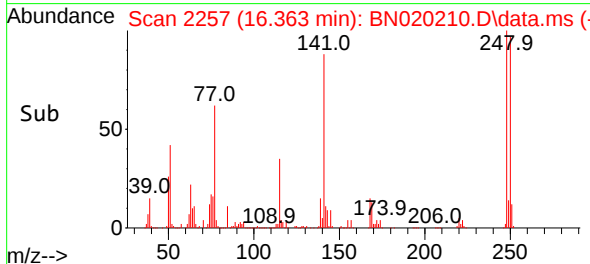


#68
4-Bromophenyl-phenylether
Concen: 40.484 ng/ul
RT: 16.363 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

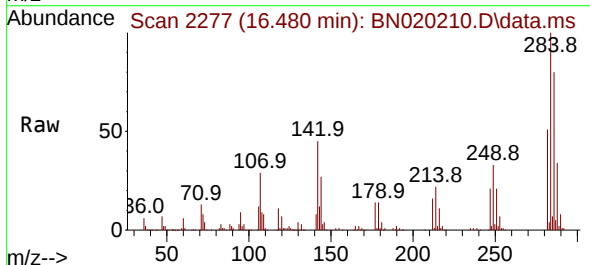
Instrument :
BNA_N
ClientSampleId :



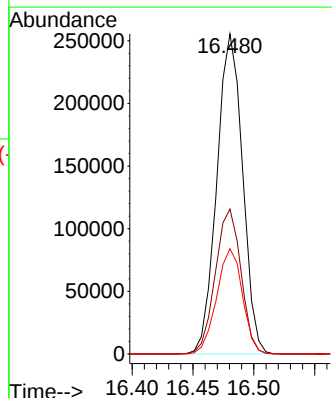
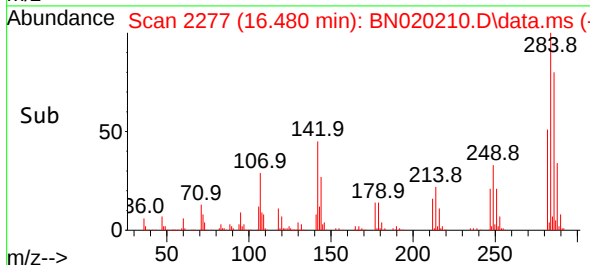
Tgt Ion:248 Resp: 338251
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.8
141 87.7 62.6 93.8

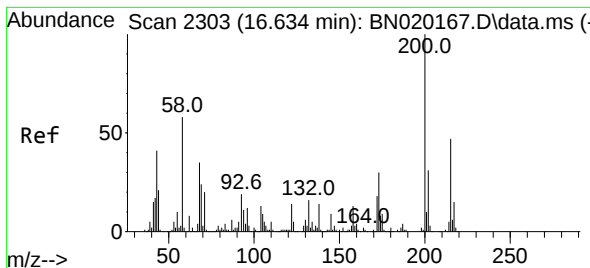


#69
Hexachlorobenzene
Concen: 39.124 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31



Tgt Ion:284 Resp: 375756
Ion Ratio Lower Upper
284 100
142 45.3 27.8 41.8#
249 32.9 25.7 38.5





#70

Atrazine

Concen: 40.516 ng/ul

RT: 16.633 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

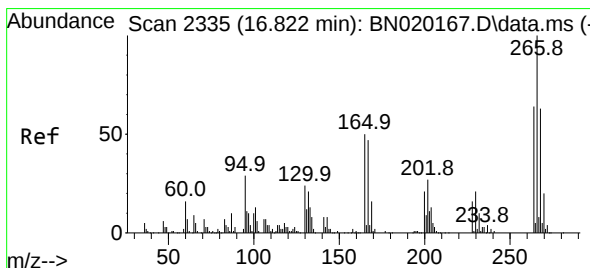
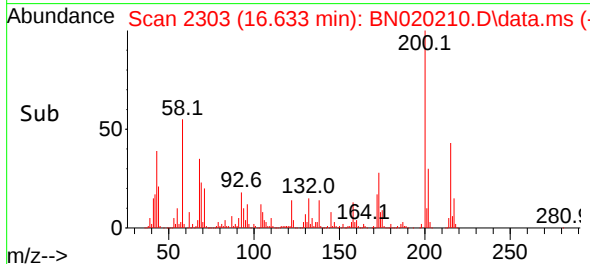
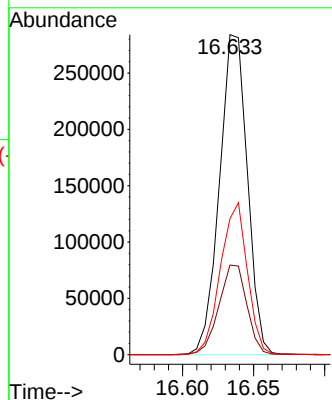
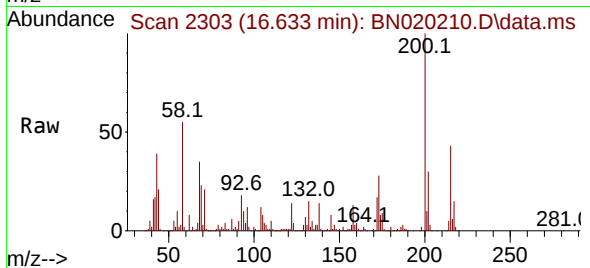
Tgt Ion:200 Resp: 388831

Ion Ratio Lower Upper

200 100

173 28.0 20.5 30.7

215 42.5 38.9 58.3



#71

Pentachlorophenol

Concen: 39.662 ng/ul

RT: 16.827 min Scan# 2336

Delta R.T. 0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

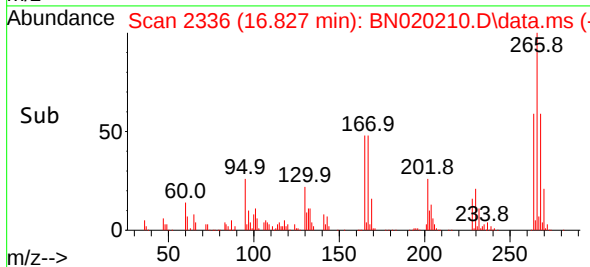
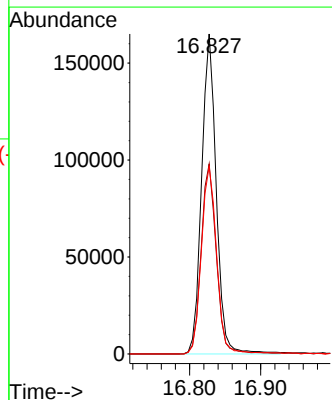
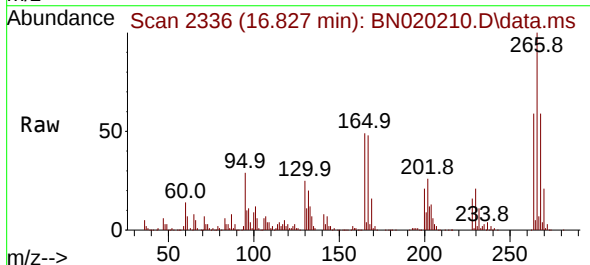
Tgt Ion:266 Resp: 237256

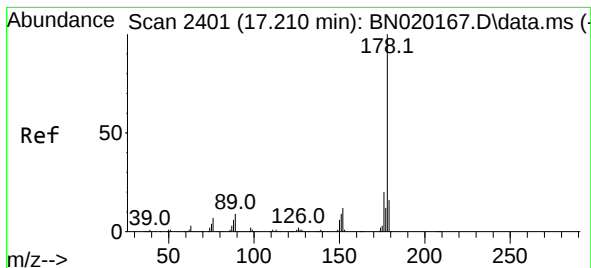
Ion Ratio Lower Upper

266 100

264 59.4 50.2 75.2

268 58.7 49.3 73.9





#72

Phenanthrene

Concen: 39.905 ng/u1

RT: 17.210 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

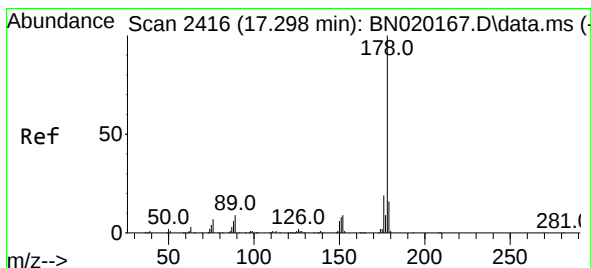
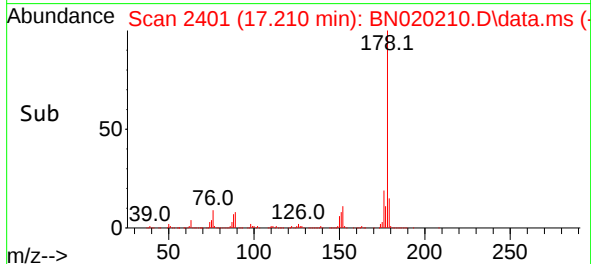
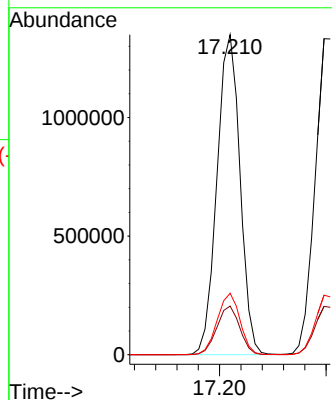
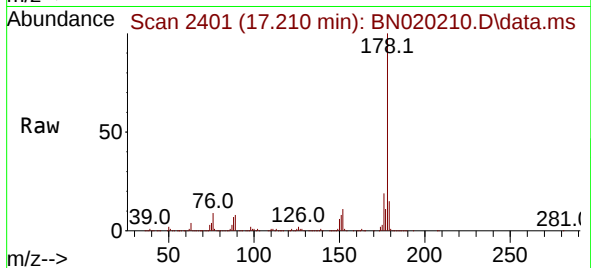
Instrument :

BNA_N

ClientSampleId :

Tgt Ion:178 Resp: 2020504

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.2	15.2	22.8



#74

Anthracene

Concen: 39.079 ng/u1

RT: 17.298 min Scan# 2416

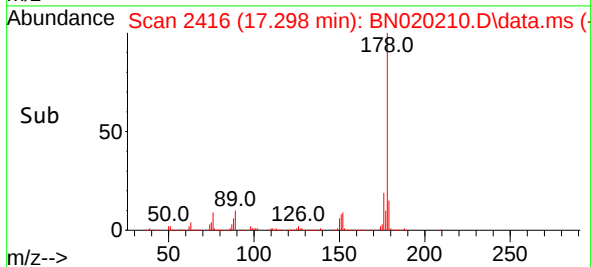
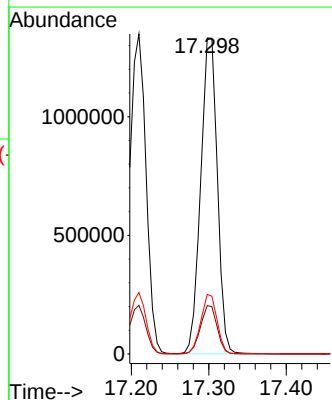
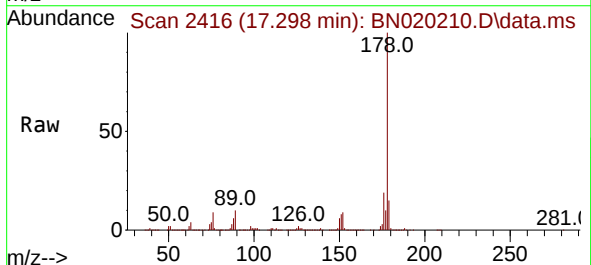
Delta R.T. -0.000 min

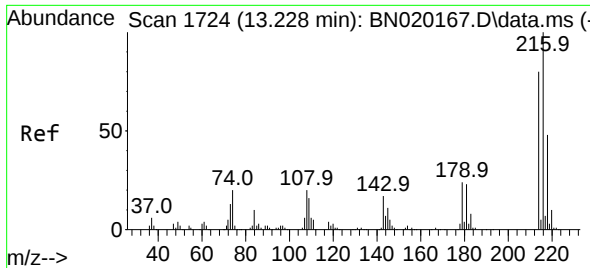
Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Tgt Ion:178 Resp: 1989604

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	18.8	15.5	23.3

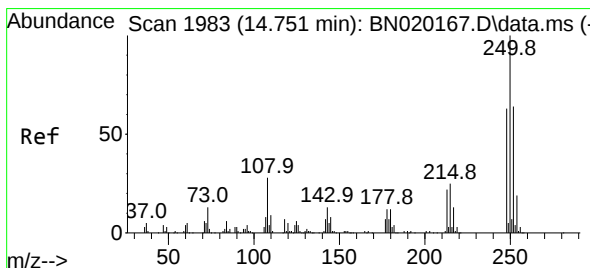
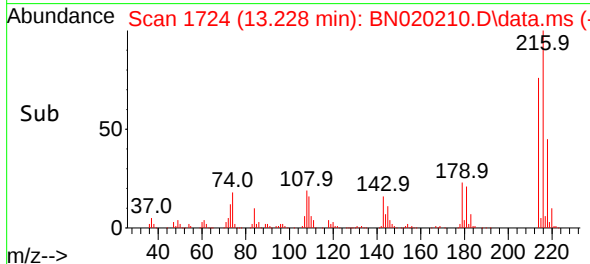
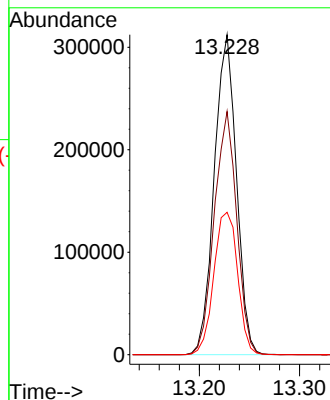
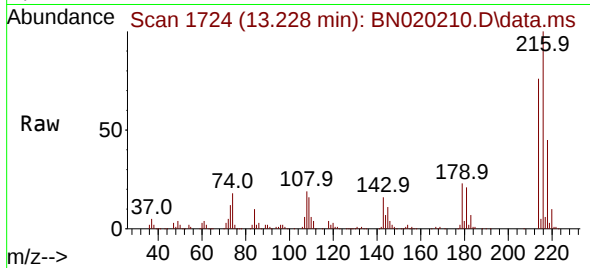




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.341 ng/uL
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

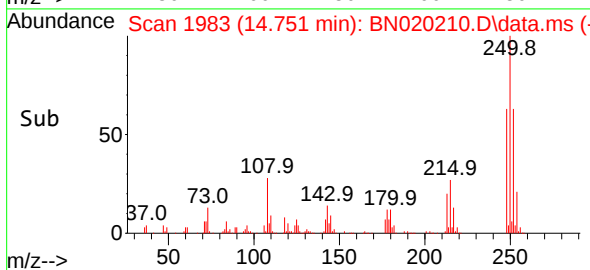
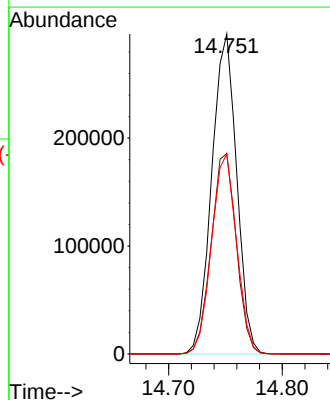
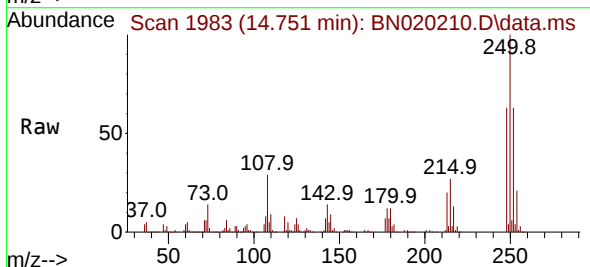
Instrument :
BNA_N
ClientSampleId :

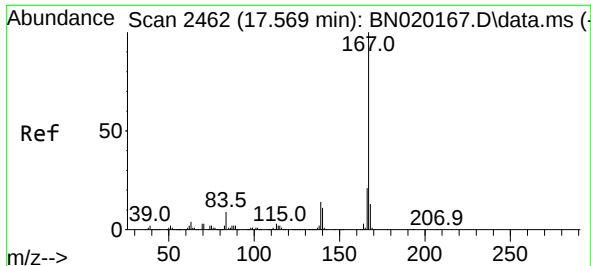
Tgt Ion:216 Resp: 479746
Ion Ratio Lower Upper
216 100
214 76.0 63.2 94.8
218 44.5 37.9 56.9



#76
Pentachlorobenzene
Concen: 39.801 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:250 Resp: 451938
Ion Ratio Lower Upper
250 100
248 62.6 53.0 79.4
252 62.5 53.4 80.2

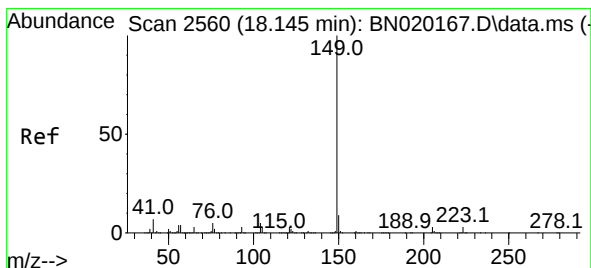
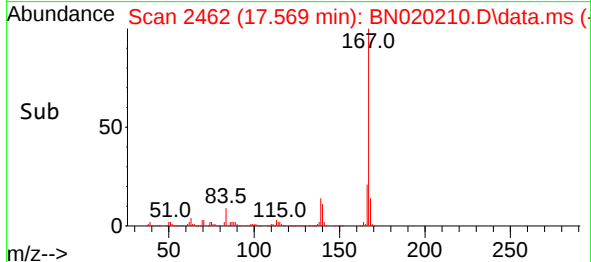
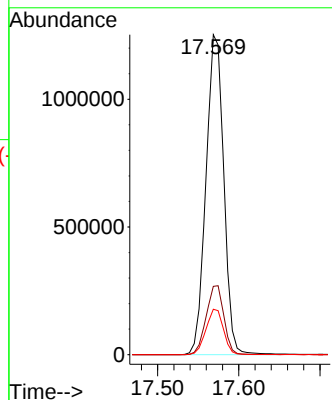
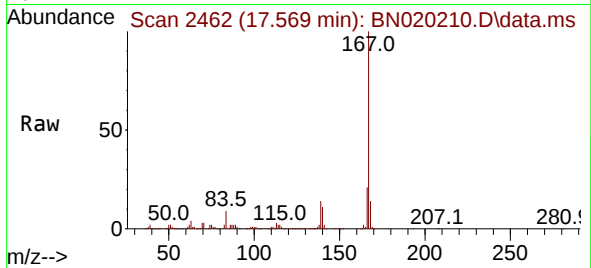




#77
 Carbazole
 Concen: 41.163 ng/ul
 RT: 17.569 min Scan# 2462
 Delta R.T. -0.000 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

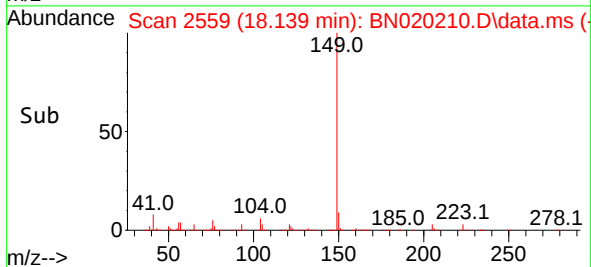
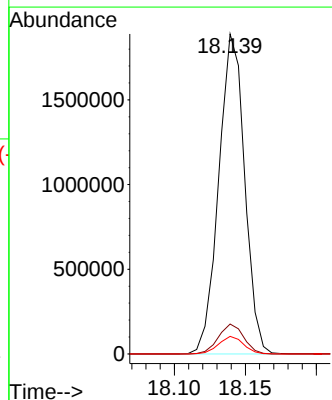
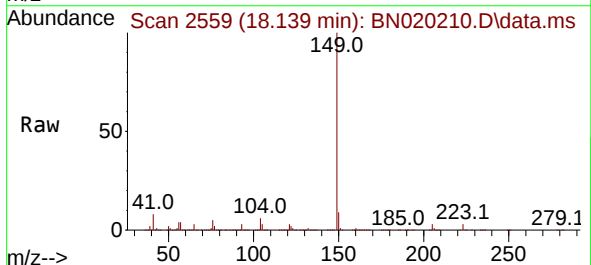
Instrument :
 BNA_N
 ClientSampleId :

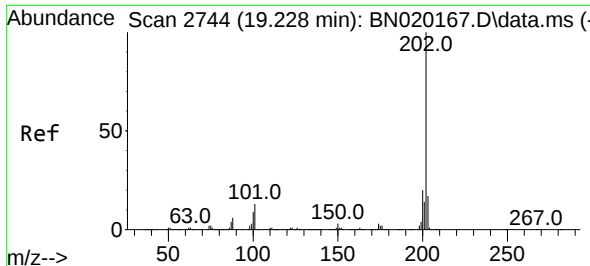
Tgt Ion:167 Resp: 1906533
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.1 24.1
 139 14.2 10.2 15.2



#78
 Di-n-butylphthalate
 Concen: 41.655 ng/ul
 RT: 18.139 min Scan# 2559
 Delta R.T. -0.006 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

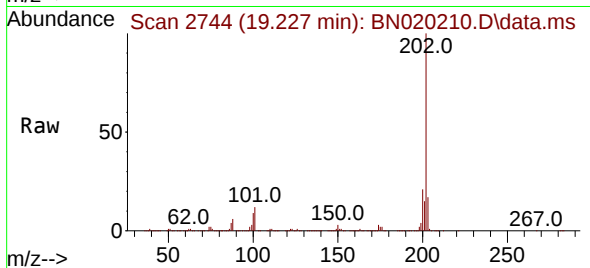
Tgt Ion:149 Resp: 2392413
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.5 4.1 6.1



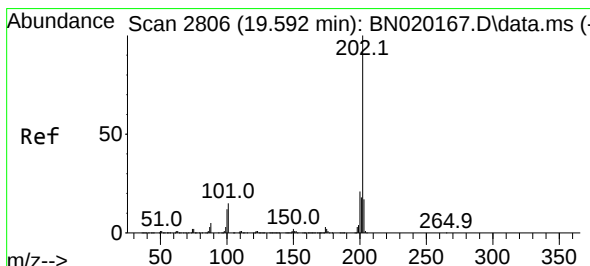
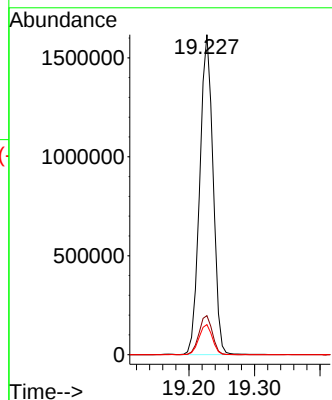
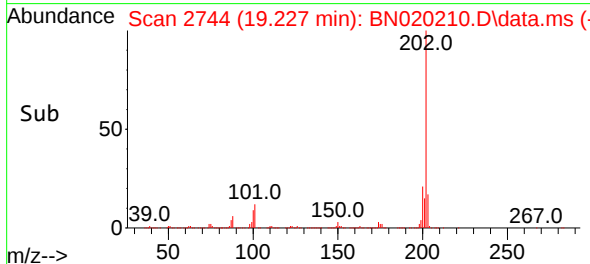


#80
Fluoranthene
Concen: 42.786 ng/u1
RT: 19.227 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :

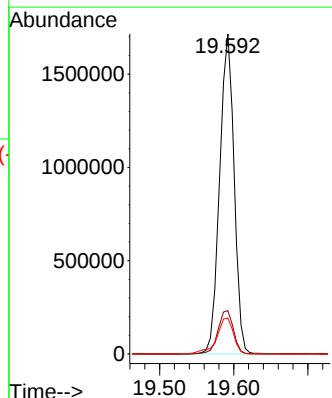
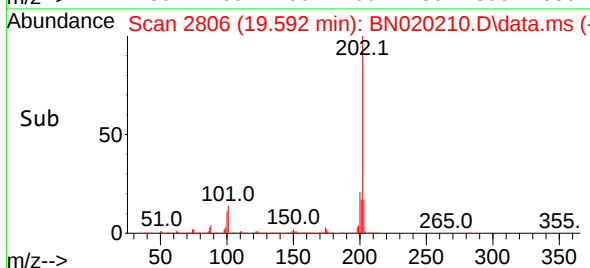
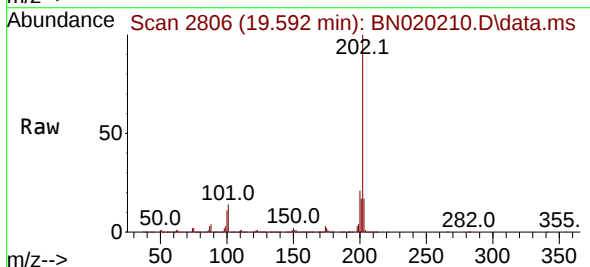


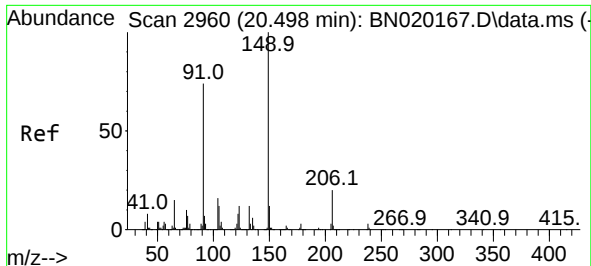
Tgt Ion:202 Resp: 2284800
Ion Ratio Lower Upper
202 100
101 12.2 8.9 13.3
100 9.4 6.7 10.1



#82
Pyrene
Concen: 42.495 ng/u1
RT: 19.592 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:202 Resp: 2328130
Ion Ratio Lower Upper
202 100
101 13.6 9.7 14.5
100 11.2 8.0 12.0

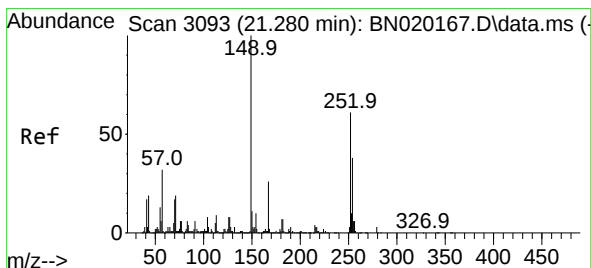
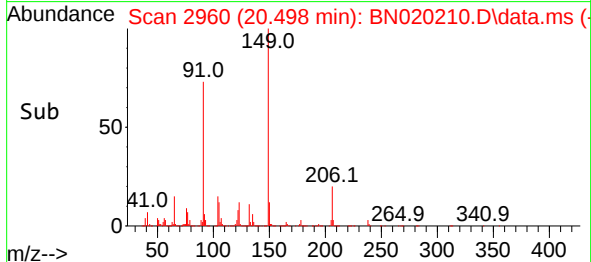
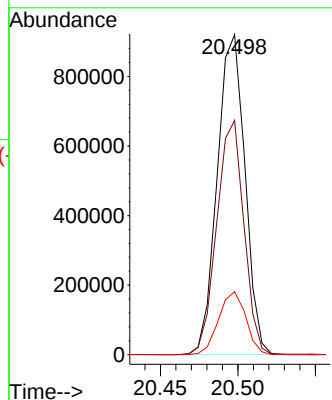
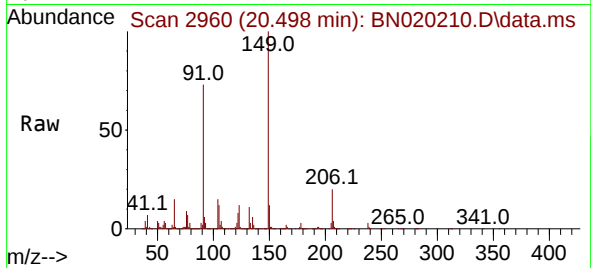




#83
 Butylbenzylphthalate
 Concen: 46.444 ng/ul
 RT: 20.498 min Scan# 2960
 Delta R.T. -0.000 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

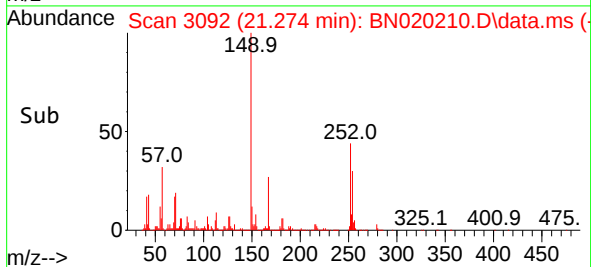
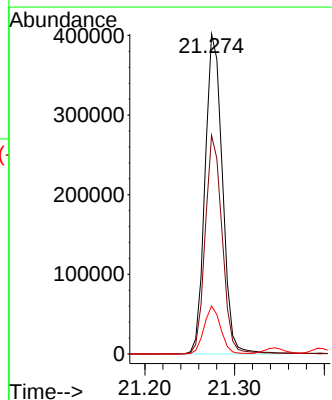
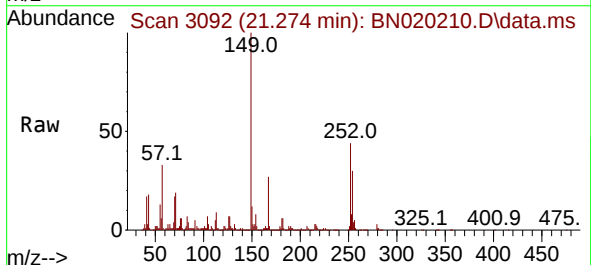
Instrument :
 BNA_N
 ClientSampleId :

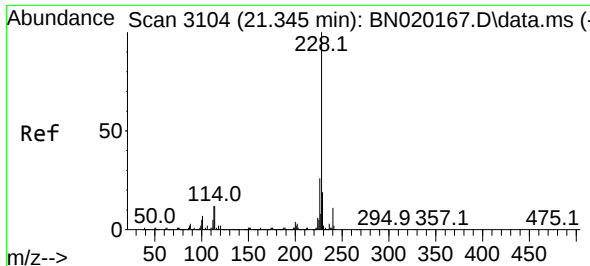
Tgt Ion:149 Resp: 1145101
 Ion Ratio Lower Upper
 149 100
 91 73.2 58.8 88.2
 206 19.7 18.1 27.1



#84
 3,3'-Dichlorobenzidine
 Concen: 34.709 ng/ul
 RT: 21.274 min Scan# 3092
 Delta R.T. -0.006 min
 Lab File: BN020210.D
 Acq: 16 Jun 2022 18:31

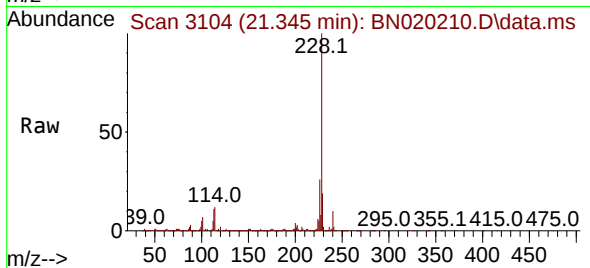
Tgt Ion:252 Resp: 540685
 Ion Ratio Lower Upper
 252 100
 254 68.4 50.8 76.2
 126 15.0 8.2 12.4#



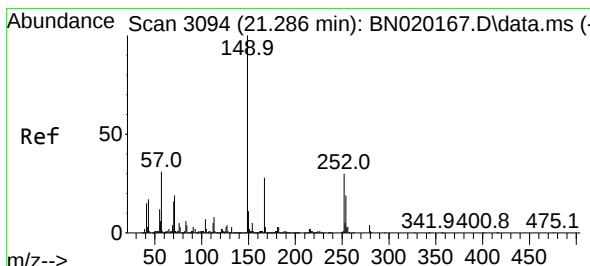
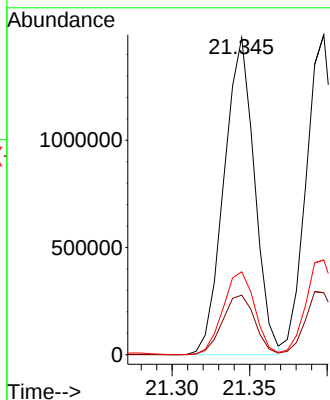
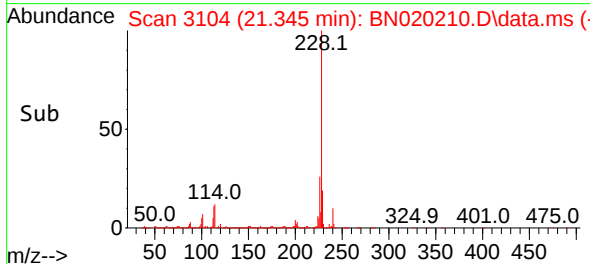


#85
Benzo(a)anthracene
Concen: 39.192 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :

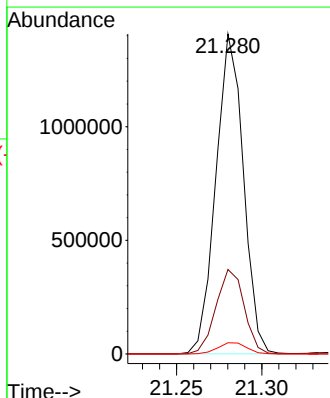
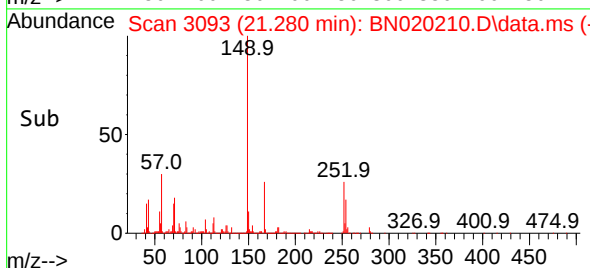
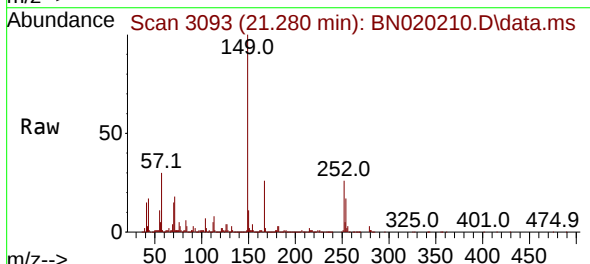


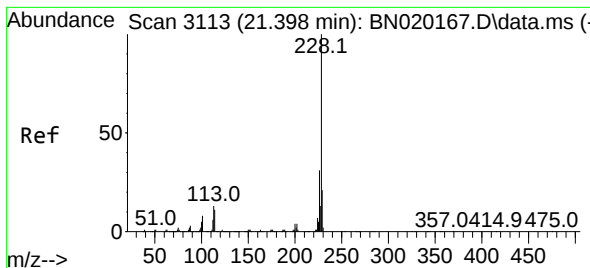
Tgt Ion:228 Resp: 2018447
Ion Ratio Lower Upper
228 100
229 18.8 16.3 24.5
226 26.2 23.2 34.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 45.364 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:149 Resp: 1578108
Ion Ratio Lower Upper
149 100
167 26.4 22.5 33.7
279 3.5 3.5 5.3#





#87

Chrysene

Concen: 39.424 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

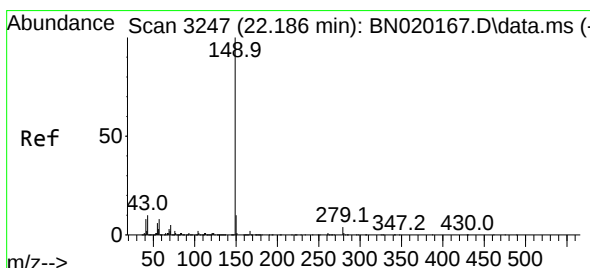
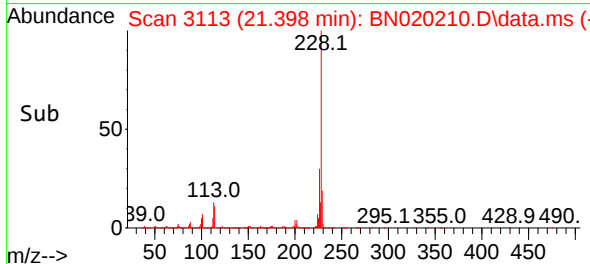
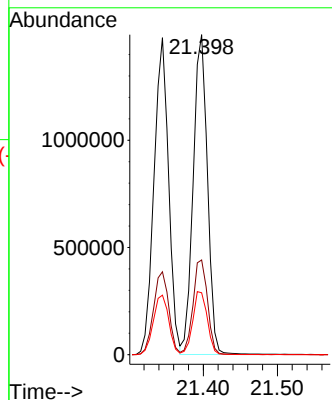
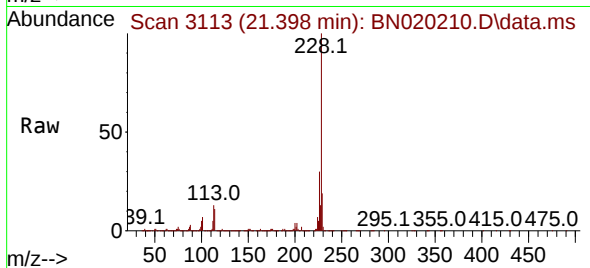
Tgt Ion:228 Resp: 1986405

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 19.3 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 48.046 ng/ul

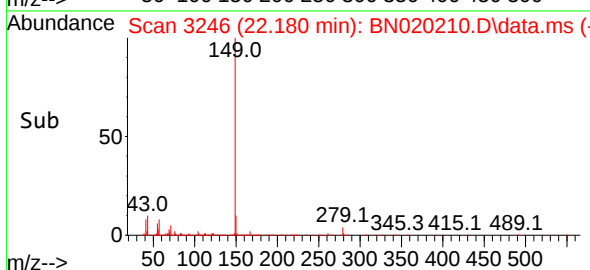
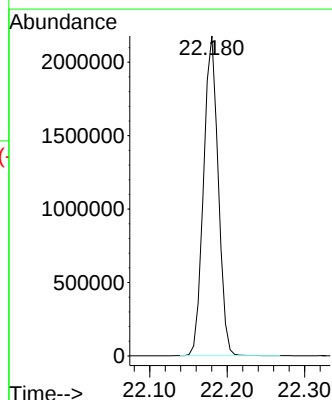
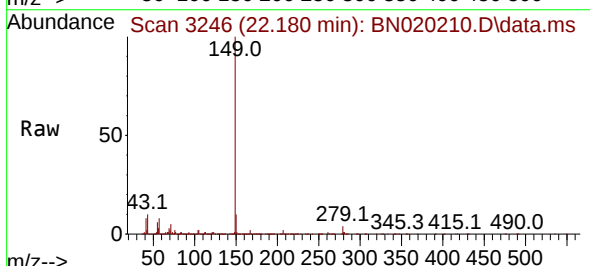
RT: 22.180 min Scan# 3246

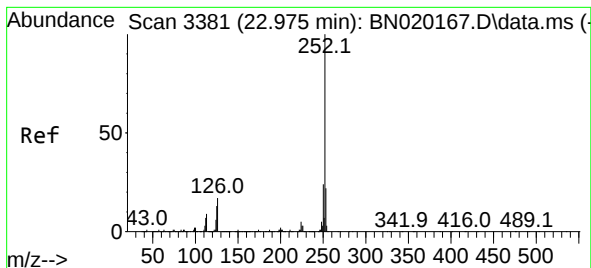
Delta R.T. -0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Tgt Ion:149 Resp: 2857758





#90

Benzo(b)fluoranthene

Concen: 42.162 ng/ul

RT: 22.974 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

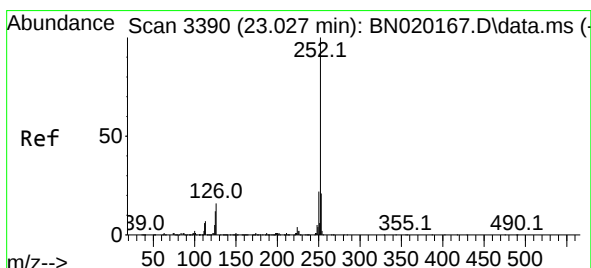
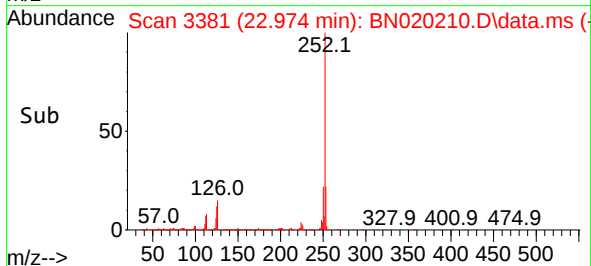
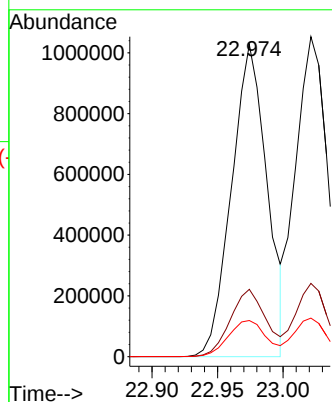
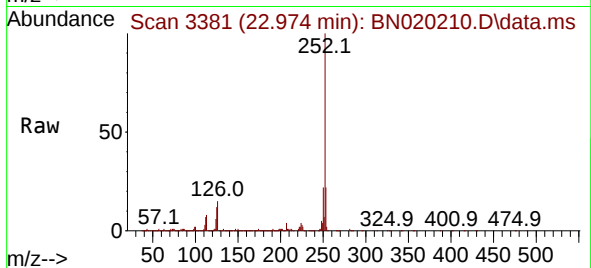
Tgt Ion:252 Resp: 1933762

Ion Ratio Lower Upper

252 100

253 21.6 16.5 24.7

125 11.6 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 41.068 ng/ul

RT: 23.021 min Scan# 3389

Delta R.T. -0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

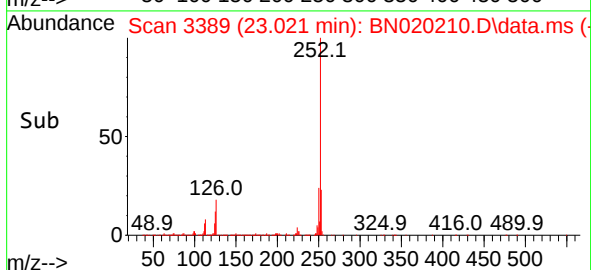
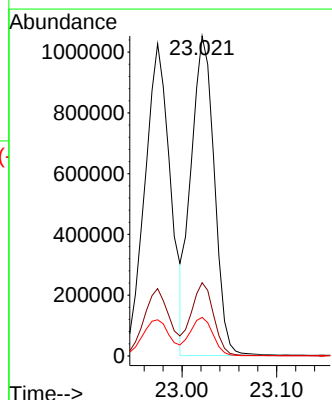
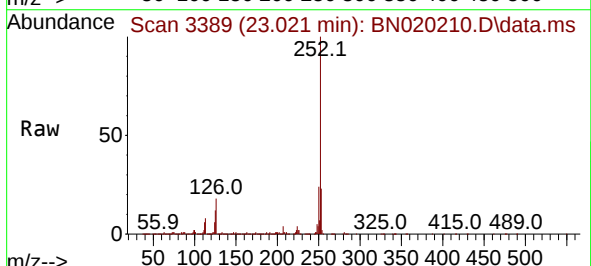
Tgt Ion:252 Resp: 1793055

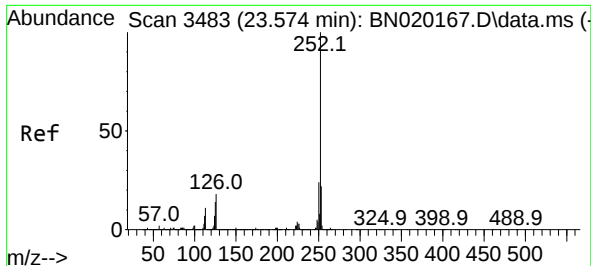
Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 12.0 8.2 12.4

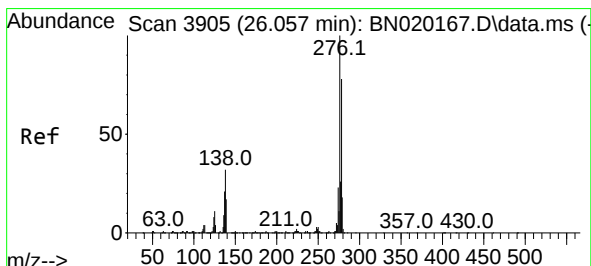
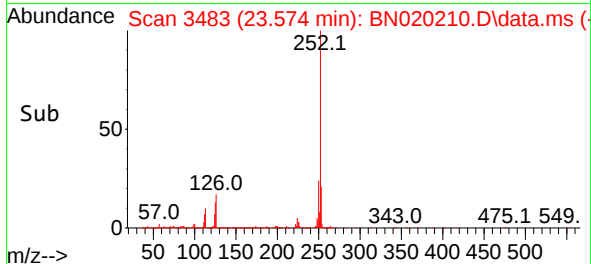
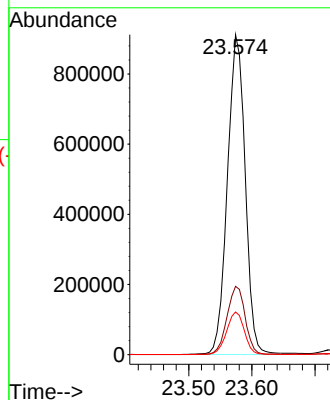
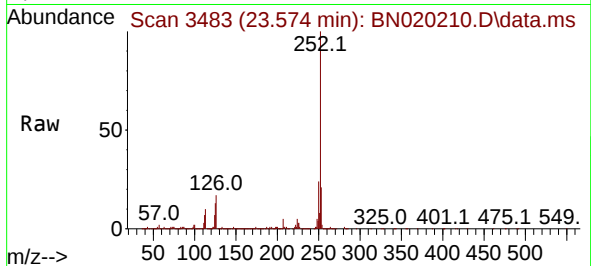




#93
Benzo(a)pyrene
Concen: 40.168 ng/ul
RT: 23.574 min Scan# 3483
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

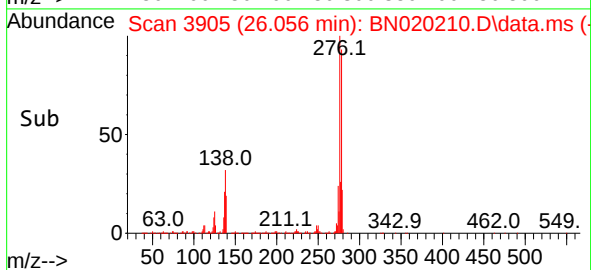
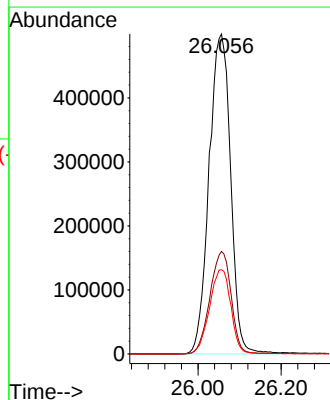
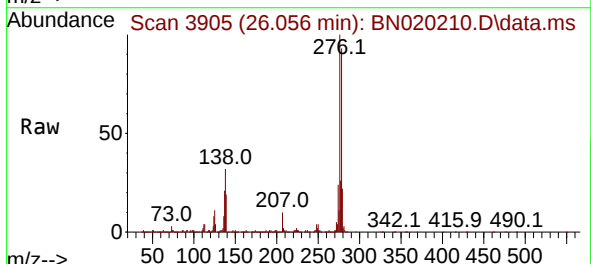
Instrument :
BNA_N
ClientSampleId :

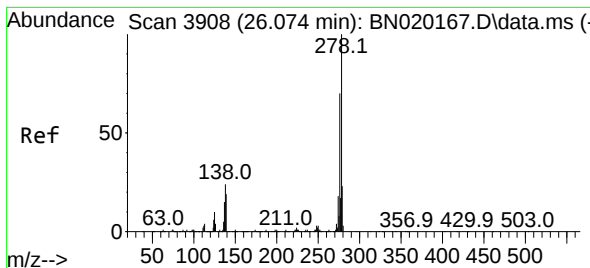
Tgt Ion:252 Resp: 1783327
Ion Ratio Lower Upper
252 100
253 21.4 18.7 28.1
125 13.3 9.2 13.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 39.337 ng/ul
RT: 26.056 min Scan# 3905
Delta R.T. -0.000 min
Lab File: BN020210.D
Acq: 16 Jun 2022 18:31

Tgt Ion:276 Resp: 1796853
Ion Ratio Lower Upper
276 100
138 32.0 19.5 29.3#
277 26.3 21.4 32.0





#95

Dibenzo(a,h)anthracene

Concen: 40.678 ng/ul

RT: 26.068 min Scan# 3908

Delta R.T. -0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Instrument :

BNA_N

ClientSampleId :

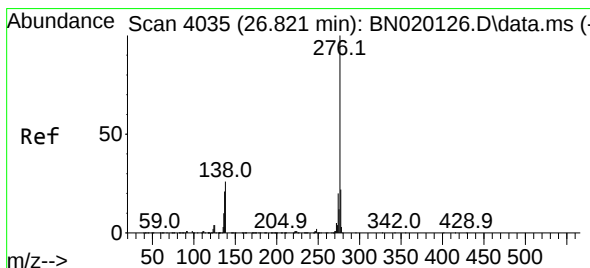
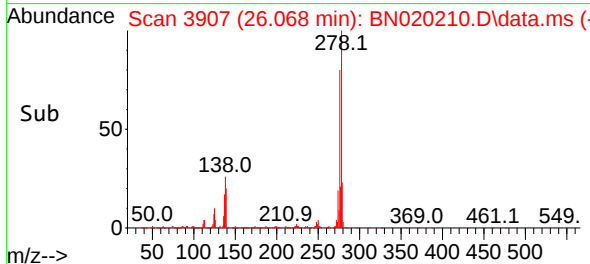
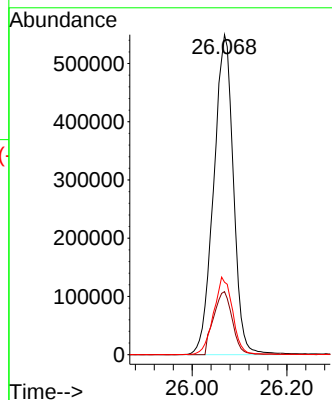
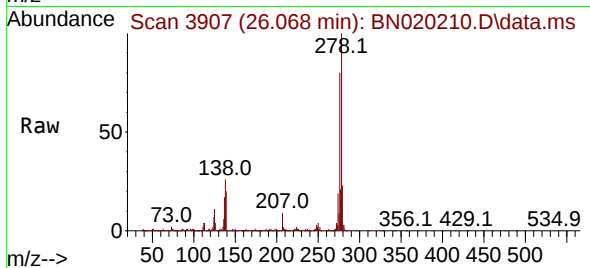
Tgt Ion:278 Resp: 1587062

Ion Ratio Lower Upper

278 100

139 19.7 13.8 20.8

279 22.6 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 41.179 ng/ul

RT: 26.786 min Scan# 4029

Delta R.T. 0.006 min

Lab File: BN020210.D

Acq: 16 Jun 2022 18:31

Tgt Ion:276 Resp: 1588454

Ion Ratio Lower Upper

276 100

138 24.8 17.0 25.6

277 23.2 17.8 26.6

