

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020167.D
 Acq On : 15 Jun 2022 10:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 01:10:41 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	152628	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	728490	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	488446	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1006421	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	896677	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	927426	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	28630	8.124	ng/uL	0.00
4) Pyridine-d5	3.676	84	185393	19.248	ng/u1	0.00
7) Phenol-d5	6.969	99	252958	20.029	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	162868	20.640	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	210688	20.531	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	220985	20.224	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	106724	19.257	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	115416	19.623	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	209293	20.383	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	333109	20.033	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	691152	19.447	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	824282	19.999	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	130296	18.296	ng/u1	0.00
60) Fluorene-d10	15.416	176	588565	20.013	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	111218	19.077	ng/u1	0.00
73) Anthracene-d10	17.263	188	879220	20.017	ng/u1	0.00
81) Pyrene-d10	19.563	212	1010010	20.778	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	916345	20.194	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	28990	7.793	ng/uL	91
5) Pyridine	3.693	79	197184	19.528	ng/u1	92
6) Benzaldehyde	6.940	77	135132	22.708	ng/u1	94
8) Phenol	6.993	94	271010	20.152	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	218866	20.793	ng/u1	98
12) 2-Chlorophenol	7.364	128	220776	20.583	ng/u1	98
13) 2-Methylphenol	8.240	108	208927	20.208	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	354406	21.472	ng/u1	98
16) Acetophenone	8.616	105	354911	21.358	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.605	70	176804	20.828	ng/u1	94
18) 4-Methylphenol	8.569	108	240131	21.044	ng/u1	98
19) Hexachloroethane	8.875	117	85724	19.862	ng/u1	89
22) Nitrobenzene	8.993	77	257434	20.033	ng/u1	96
23) Isophorone	9.522	82	494919	19.506	ng/u1	99
25) 2-Nitrophenol	9.699	139	130901	20.141	ng/u1	100
26) 2,4-Dimethylphenol	9.769	107	272878	20.266	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.005	93	318133	20.489	ng/u1	99
29) 2,4-Dichlorophenol	10.234	162	217427	20.471	ng/u1	99
30) Naphthalene	10.634	128	766645	20.306	ng/u1	100
32) 4-Chloroaniline	10.746	127	338240	20.337	ng/u1	98
33) Hexachlorobutadiene	10.928	225	121952	19.998	ng/u1	98
34) Caprolactam	11.522	113	45867	11.058	ng/u1	99
35) 4-Chloro-3-methylphenol	11.875	107	262229	20.909	ng/u1	98
36) 2-Methylnaphthalene	12.246	142	530638	20.789	ng/u1	99

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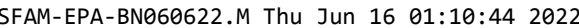
Instrument :
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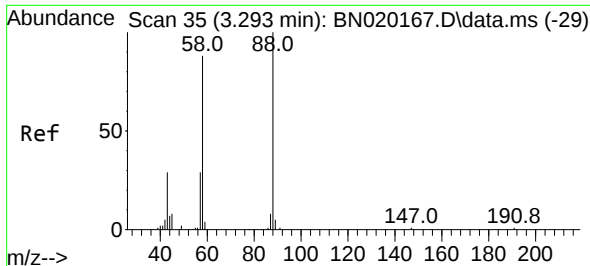
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	543584	20.869	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.622	216	247604	19.876	ng/ul	97
40) Hexachlorocyclopentadiene	12.604	237	147811	19.505	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	174060	20.264	ng/ul	94
42) 2,4,5-Trichlorophenol	12.934	196	187450	19.704	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	724508	20.032	ng/ul	98
44) 2-Chloronaphthalene	13.299	162	548478	19.990	ng/ul	98
45) 2-Nitroaniline	13.504	65	161150	18.879	ng/ul	94
47) Dimethylphthalate	13.887	163	697655	19.500	ng/ul	98
48) 2,6-Dinitrotoluene	13.999	165	137099	19.599	ng/ul	98
50) Acenaphthylene	14.146	152	902300	19.773	ng/ul	100
51) 3-Nitroaniline	14.328	138	138614	18.744	ng/ul	100
52) Acenaphthene	14.487	153	593160	19.900	ng/ul	98
53) 2,4-Dinitrophenol	14.534	184	85763	19.149	ng/ul	94
55) 4-Nitrophenol	14.640	109	107383	17.664	ng/ul	97
56) Dibenzofuran	14.822	168	822763	19.593	ng/ul	96
57) 2,4-Dinitrotoluene	14.787	165	202966	19.596	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.051	232	152959	20.482	ng/ul	92
59) Diethylphthalate	15.251	149	720285	19.554	ng/ul	98
61) Fluorene	15.475	166	659387	20.179	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.469	204	301953	20.066	ng/ul	93
63) 4-Nitroaniline	15.487	138	131272	18.996	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.551	198	111433	18.853	ng/ul#	92
67) N-Nitrosodiphenylamine	15.681	169	580665	20.125	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	179417	20.471	ng/ul	95
69) Hexachlorobenzene	16.481	284	197948	19.648	ng/ul#	88
70) Atrazine	16.634	200	203533	20.218	ng/ul	96
71) Pentachlorophenol	16.822	266	120244	19.163	ng/ul	99
72) Phenanthrene	17.210	178	1040203	19.585	ng/ul	98
74) Anthracene	17.298	178	1083547	20.289	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	264609	19.634	ng/ul	98
76) Pentachlorobenzene	14.751	250	245213	20.587	ng/ul	96
77) Carbazole	17.569	167	986584	20.306	ng/ul	97
78) Di-n-butylphthalate	18.145	149	1192560	19.795	ng/ul	99
80) Fluoranthene	19.228	202	1203422	20.498	ng/ul	96
82) Pyrene	19.592	202	1249255	20.741	ng/ul#	94
83) Butylbenzylphthalate	20.498	149	544092	20.072	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	378839	22.120	ng/ul#	97
85) Benzo(a)anthracene	21.345	228	1153579	20.373	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.286	149	808191	21.131	ng/ul	100
87) Chrysene	21.398	228	1138702	20.556	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1414748	18.742	ng/ul	100
90) Benzo(b)fluoranthene	22.975	252	1162182	19.966	ng/ul#	95
91) Benzo(k)fluoranthene	23.027	252	1111894	20.067	ng/ul	97
93) Benzo(a)pyrene	23.574	252	1124622	19.960	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.057	276	1194467	20.605	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.074	278	1037032	20.944	ng/ul	98

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

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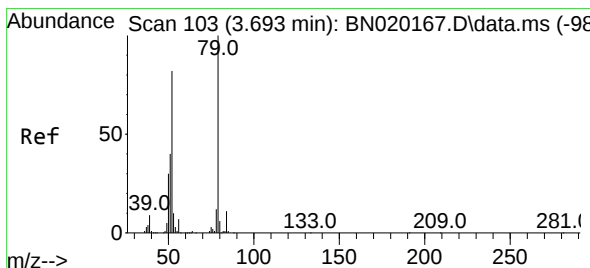
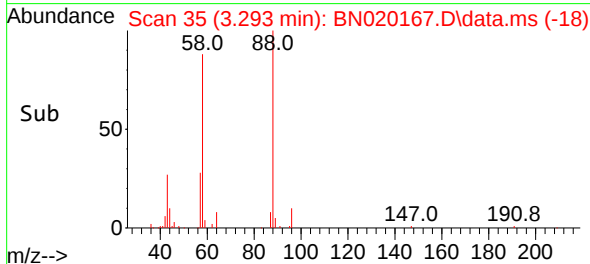
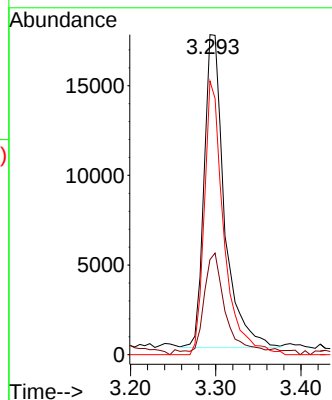
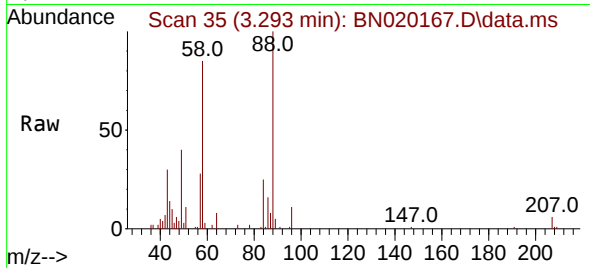




#2
 1,4-Dioxane
 Concen: 7.793 ng/uL
 RT: 3.293 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

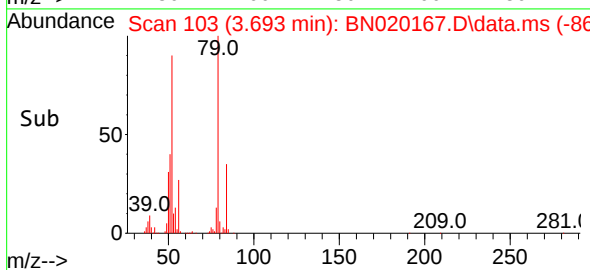
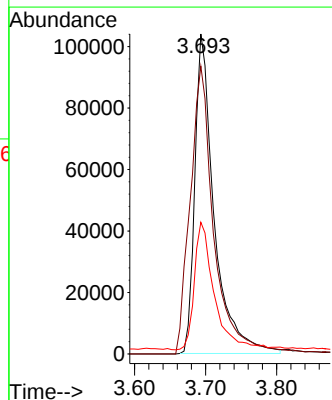
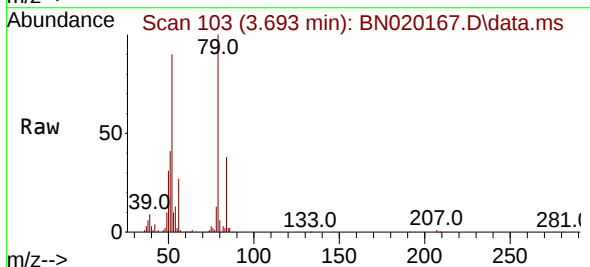
Instrument :
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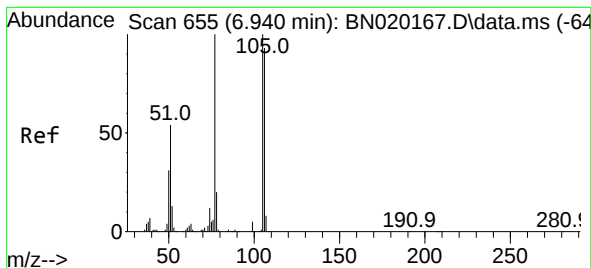
Tgt Ion: 88 Resp: 28990
 Ion Ratio Lower Upper
 88 100
 43 29.7 22.4 33.6
 58 85.5 61.0 91.4



#5
 Pyridine
 Concen: 19.528 ng/uL
 RT: 3.693 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Tgt Ion: 79 Resp: 197184
 Ion Ratio Lower Upper
 79 100
 52 89.9 65.0 97.4
 51 41.2 31.6 47.4





#6

Benzaldehyde

Concen: 22.708 ng/ul

RT: 6.940 min Scan# 655

Delta R.T. 0.000 min

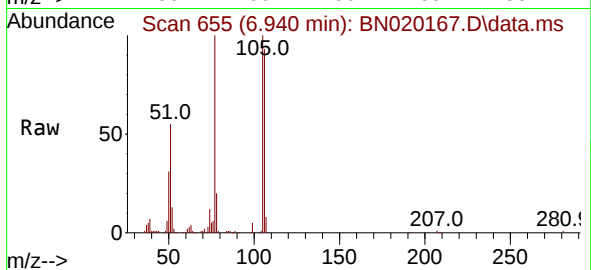
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Acq: 15 Jun 2022 10:27

Instrument :

BNA_N

ClientSampleId :



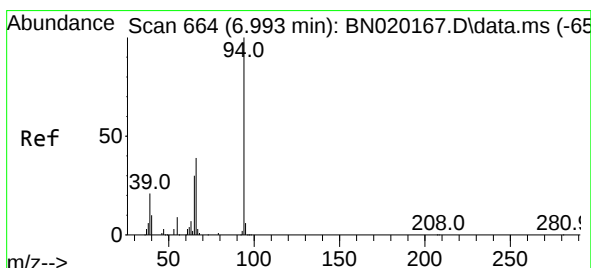
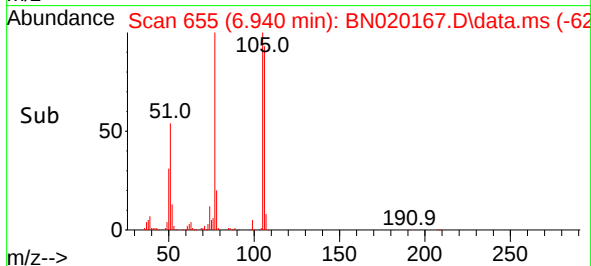
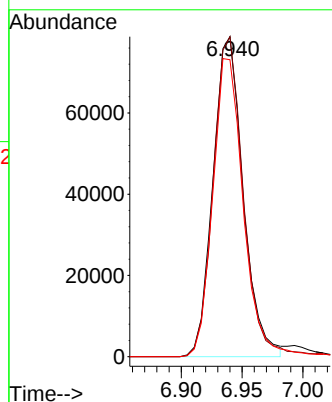
Tgt Ion: 77 Resp: 135132

Ion Ratio Lower Upper

77 100

105 100.0 74.7 112.1

106 92.8 70.2 105.4



#8

Phenol

Concen: 20.152 ng/ul

RT: 6.993 min Scan# 664

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

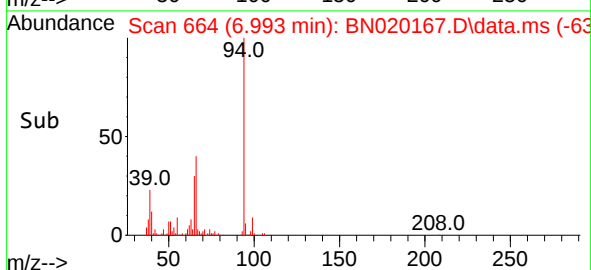
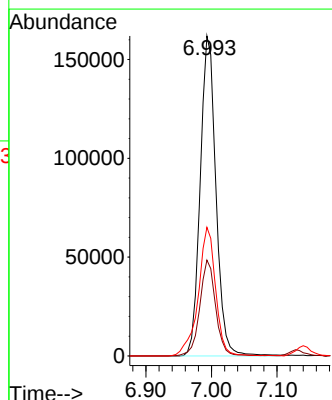
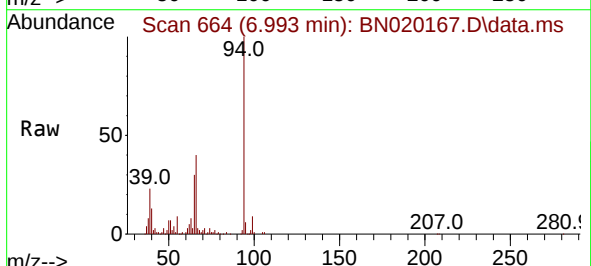
Tgt Ion: 94 Resp: 271010

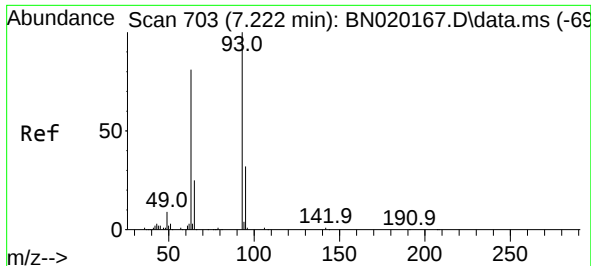
Ion Ratio Lower Upper

94 100

65 30.0 23.6 35.4

66 40.2 31.2 46.8

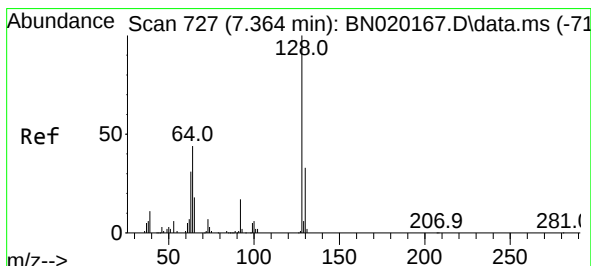
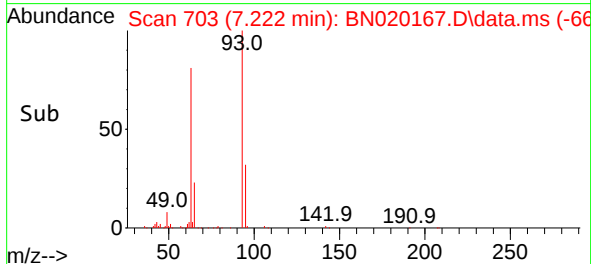
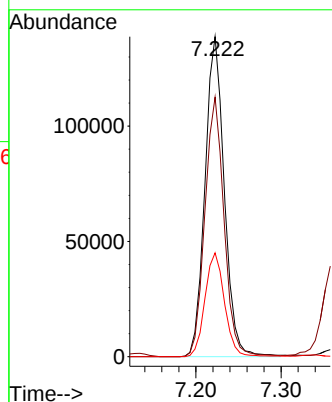
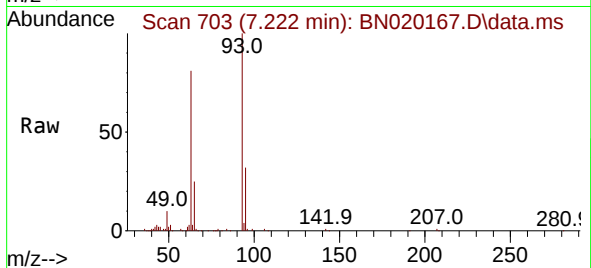




#10
Bis(2-Chloroethyl)ether
Concen: 20.793 ng/ul
RT: 7.222 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

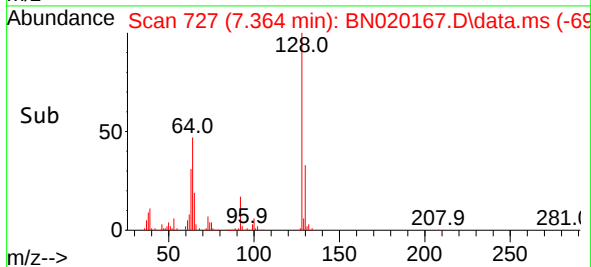
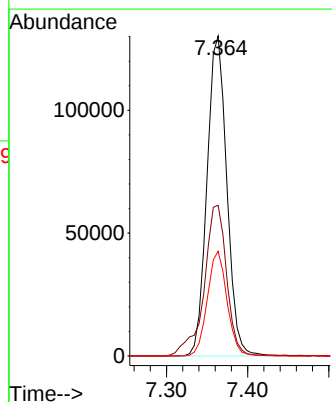
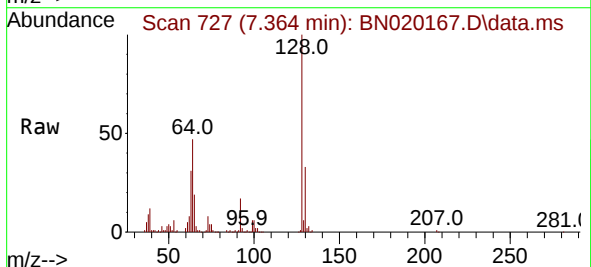
Instrument :
BNA_N
ClientSampleId :

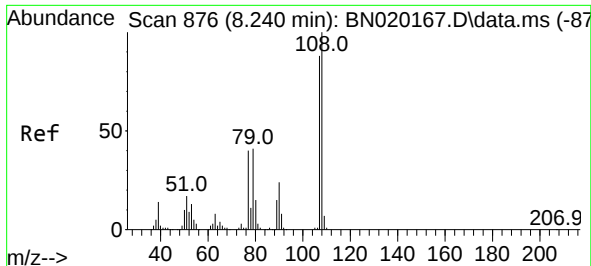
Tgt Ion: 93 Resp: 218866
Ion Ratio Lower Upper
93 100
63 81.1 63.4 95.0
95 32.5 26.2 39.2



#12
2-Chlorophenol
Concen: 20.583 ng/ul
RT: 7.364 min Scan# 727
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:128 Resp: 220776
Ion Ratio Lower Upper
128 100
64 47.1 38.6 57.8
130 32.7 25.0 37.4

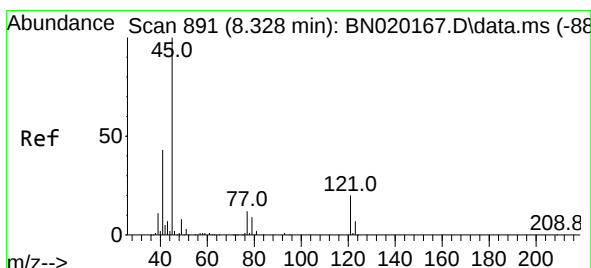
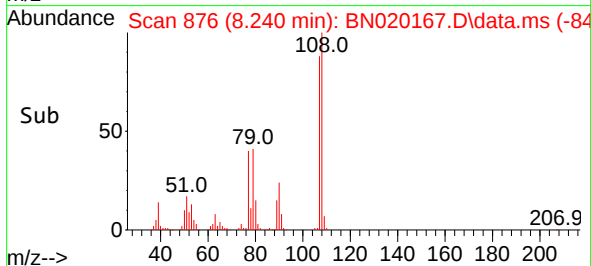
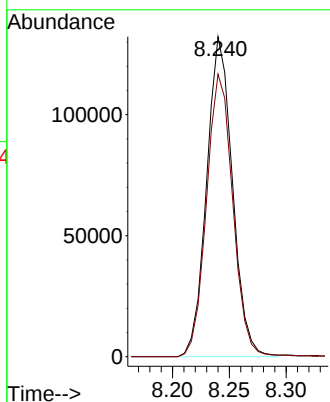
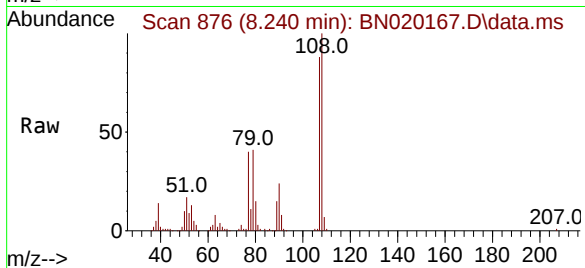




#13
2-Methylphenol
Concen: 20.208 ng/ul
RT: 8.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

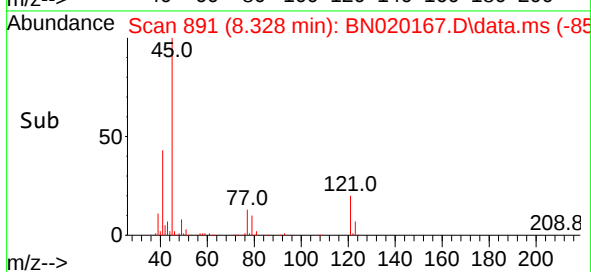
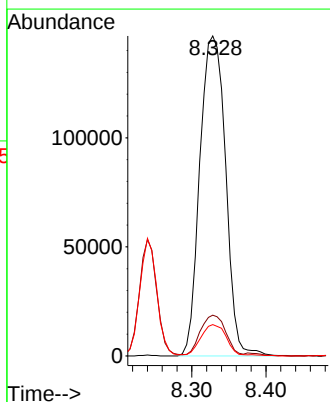
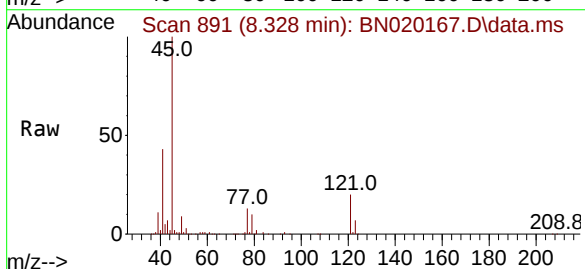
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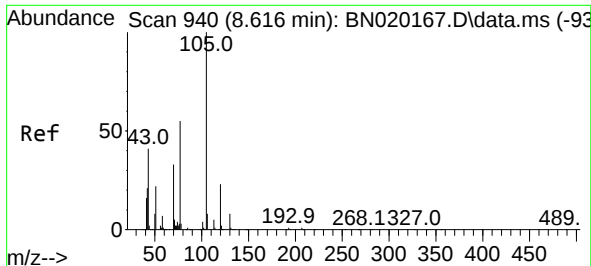
Tgt Ion:108 Resp: 208927
Ion Ratio Lower Upper
108 100
107 88.3 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.472 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion: 45 Resp: 354406
Ion Ratio Lower Upper
45 100
77 12.7 10.9 16.3
79 9.8 8.6 13.0

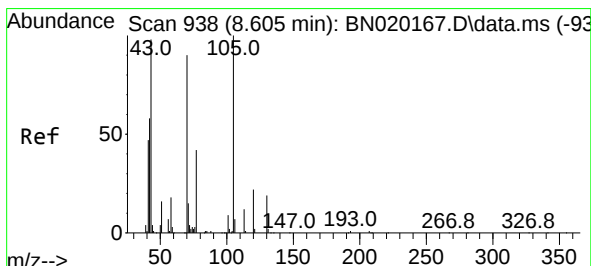
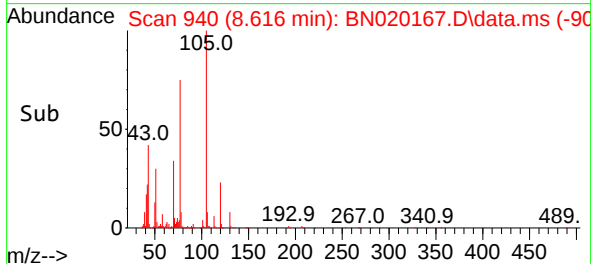
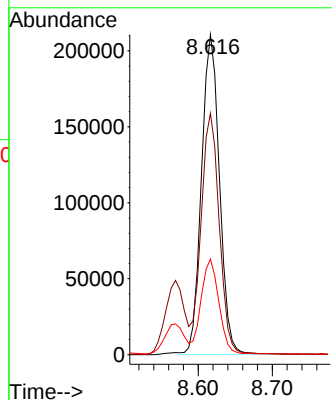
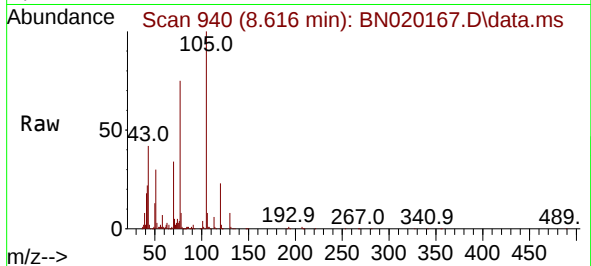




#16
Acetophenone
Concen: 21.358 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

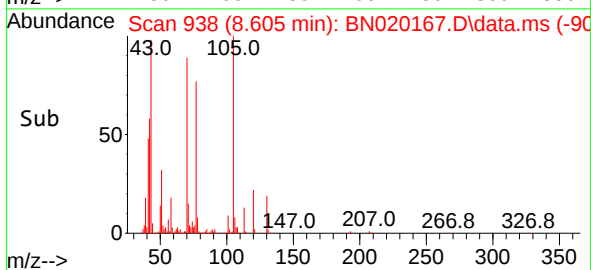
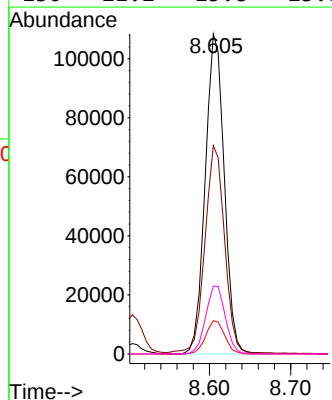
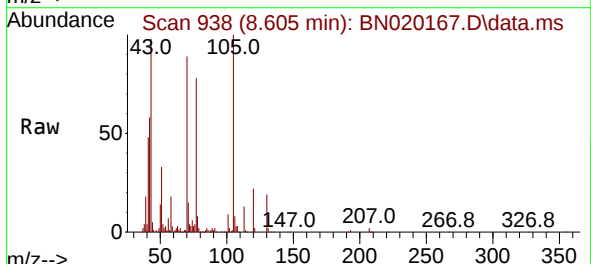
Instrument :
BNA_N
ClientSampleId :

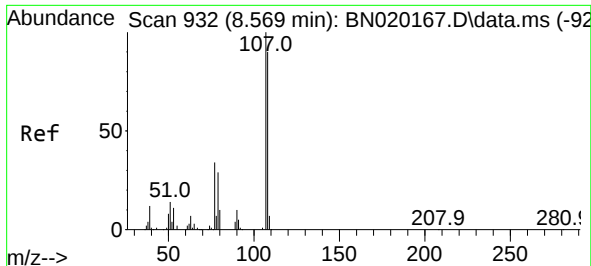
Tgt Ion:105 Resp: 354911
Ion Ratio Lower Upper
105 100
77 75.5 63.5 95.3
51 29.9 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 20.828 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion: 70 Resp: 176804
Ion Ratio Lower Upper
70 100
42 65.1 47.8 71.6
101 10.4 7.8 11.6
130 21.2 15.8 23.8

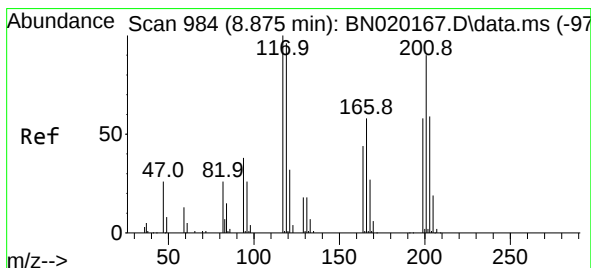
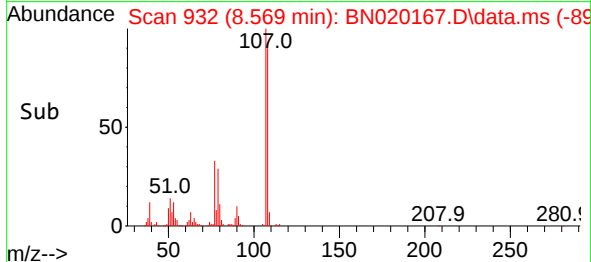
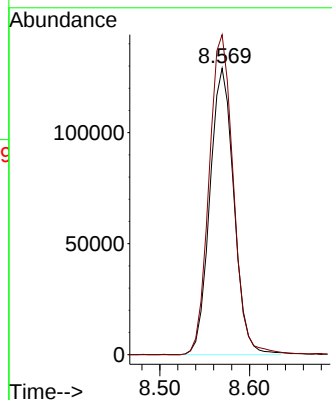
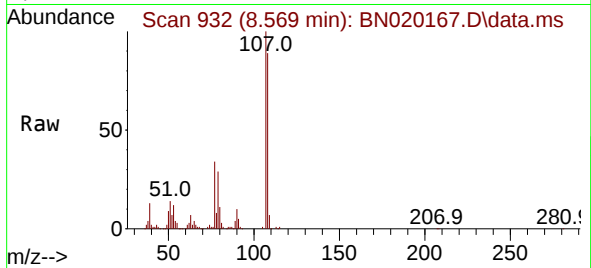




#18
4-Methylphenol
Concen: 21.044 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

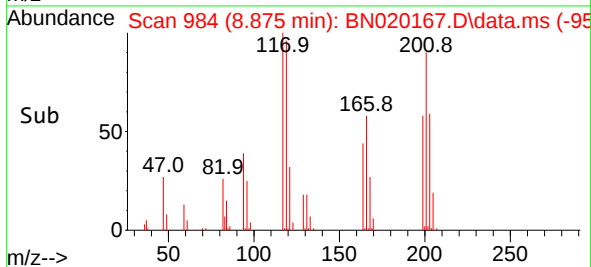
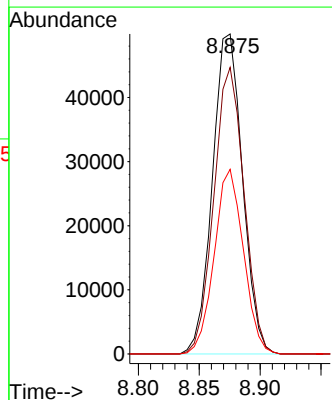
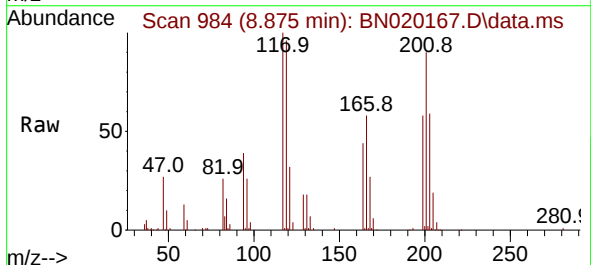
Instrument :
BNA_N
ClientSampleId :

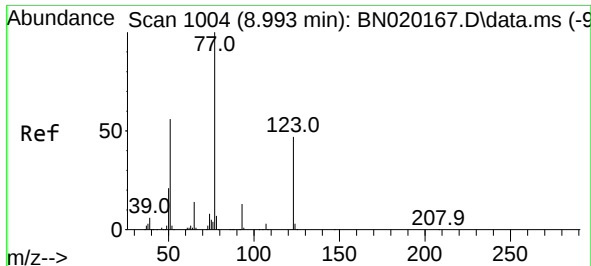
Tgt Ion:108 Resp: 240131
Ion Ratio Lower Upper
108 100
107 111.7 88.0 132.0



#19
Hexachloroethane
Concen: 19.862 ng/ul
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:117 Resp: 85724
Ion Ratio Lower Upper
117 100
201 89.5 83.2 124.8
199 57.7 50.2 75.4

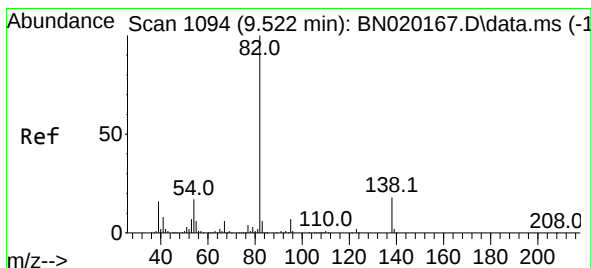
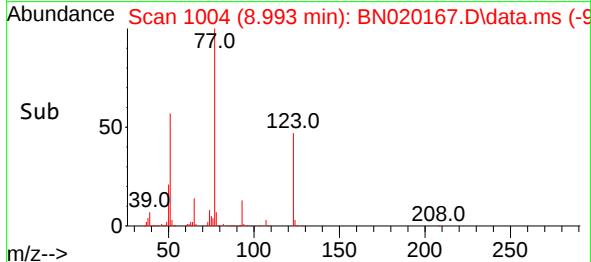
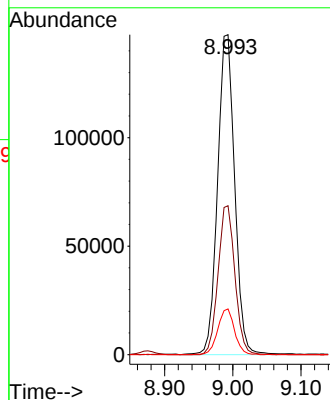
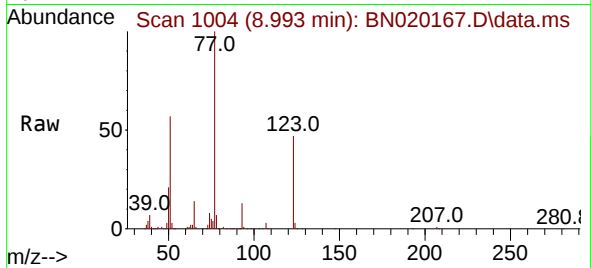




#22
Nitrobenzene
Concen: 20.033 ng/ul
RT: 8.993 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

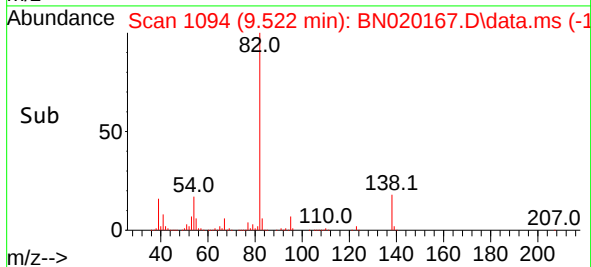
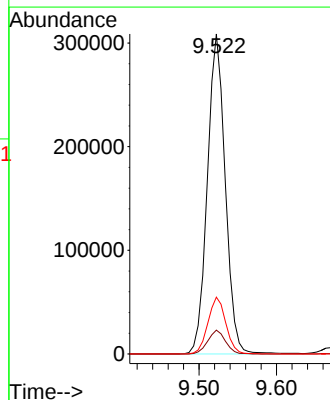
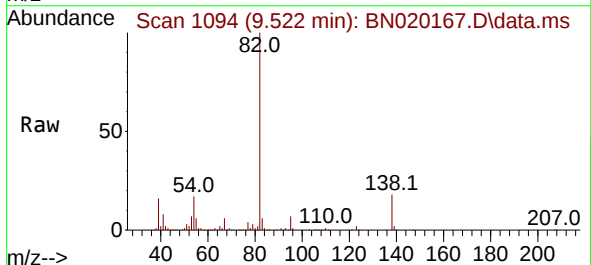
Instrument :
BNA_N
ClientSampleId :

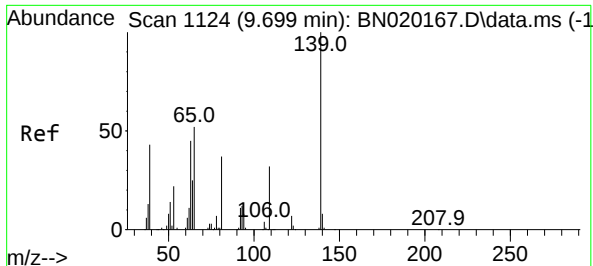
Tgt Ion: 77 Resp: 257434
Ion Ratio Lower Upper
77 100
123 46.5 34.5 51.7
65 14.3 11.1 16.7



#23
Isophorone
Concen: 19.506 ng/ul
RT: 9.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion: 82 Resp: 494919
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.8 13.8 20.8





#25

2-Nitrophenol

Concen: 20.141 ng/ul

RT: 9.699 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

Instrument :

BNA_N

ClientSampleId :

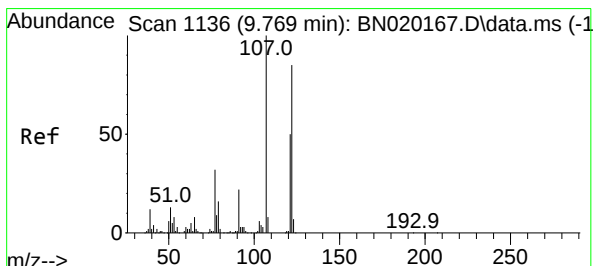
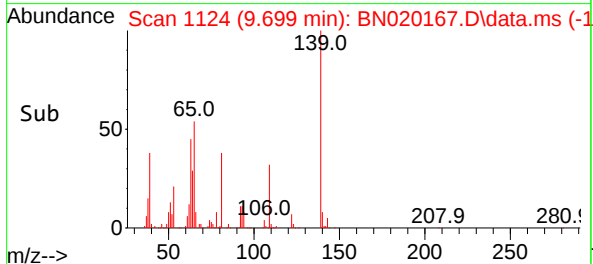
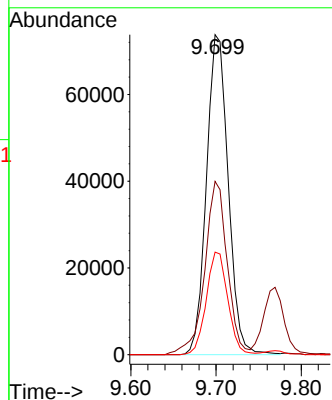
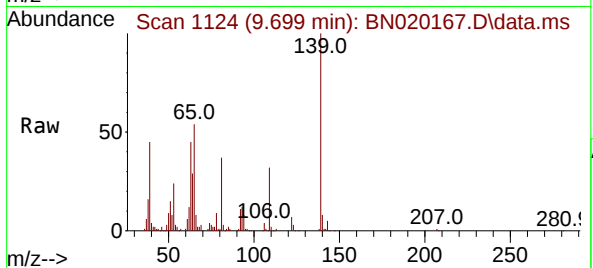
Tgt Ion:139 Resp: 130901

Ion Ratio Lower Upper

139 100

65 54.2 43.7 65.5

109 32.0 25.8 38.6



#26

2,4-Dimethylphenol

Concen: 20.266 ng/ul

RT: 9.769 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

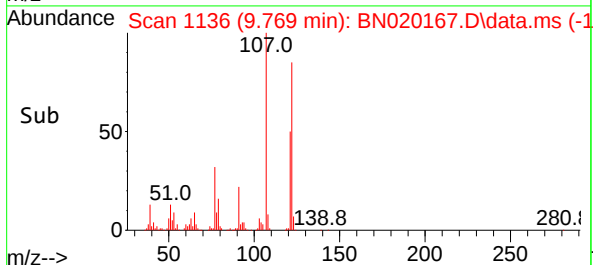
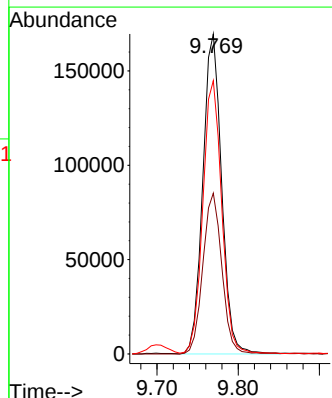
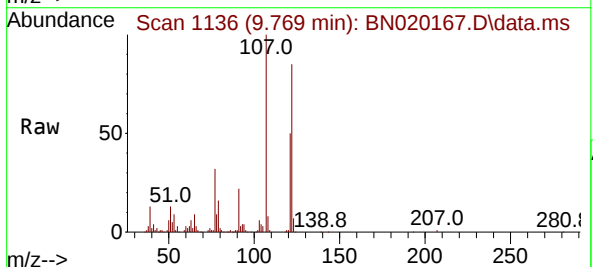
Tgt Ion:107 Resp: 272878

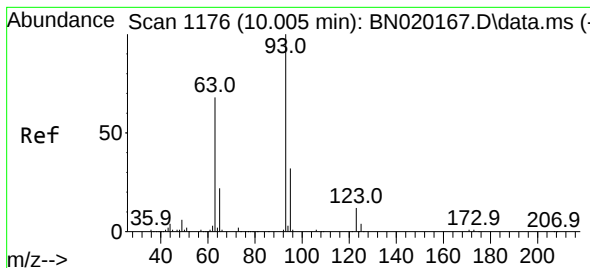
Ion Ratio Lower Upper

107 100

121 50.3 38.3 57.5

122 85.4 66.3 99.5

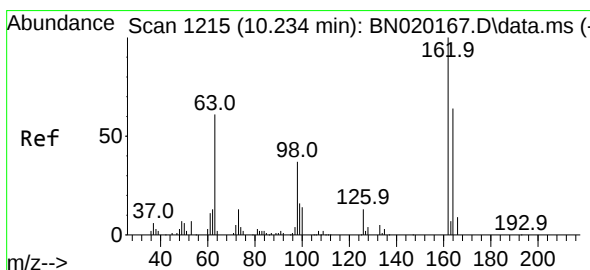
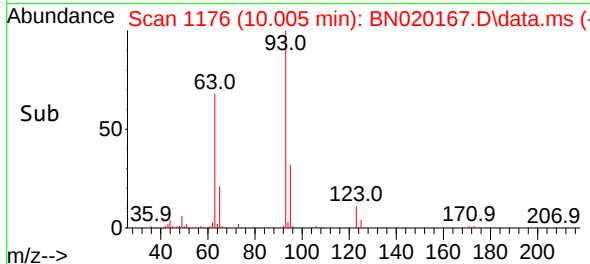
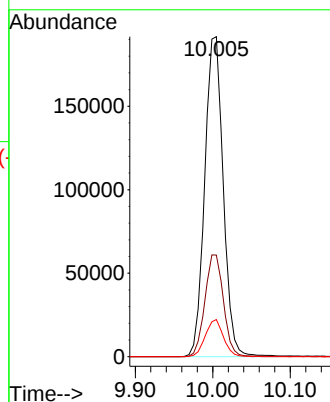
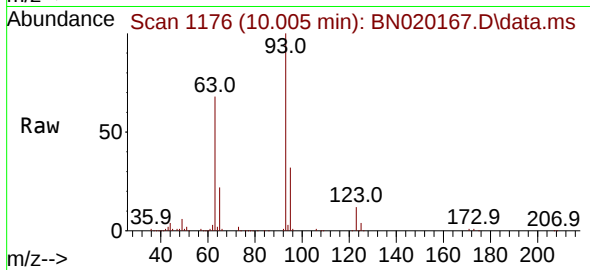




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.489 ng/ul
 RT: 10.005 min Scan# 1176
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

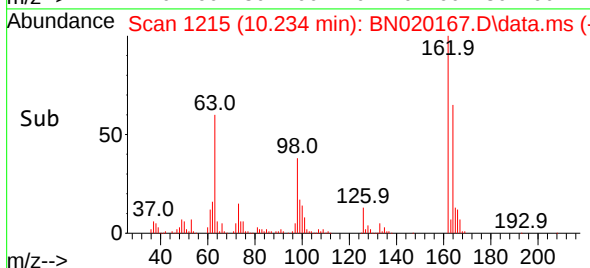
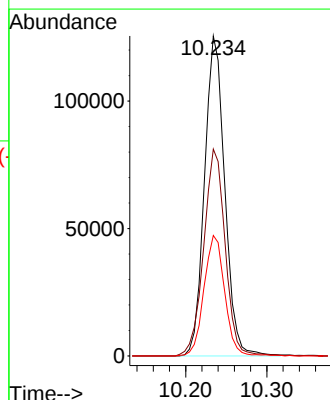
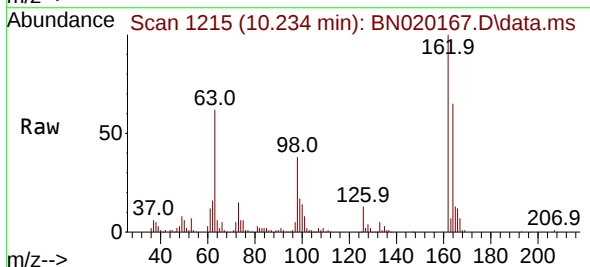
Instrument :
 BNA_N
 ClientSampleId :

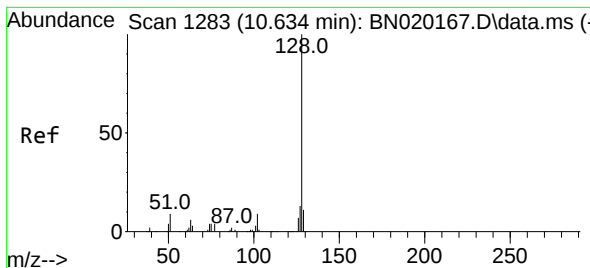
Tgt Ion: 93 Resp: 318133
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.4 38.0
 123 11.6 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 20.471 ng/ul
 RT: 10.234 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Tgt Ion: 162 Resp: 217427
 Ion Ratio Lower Upper
 162 100
 164 64.6 52.9 79.3
 98 37.6 29.8 44.8

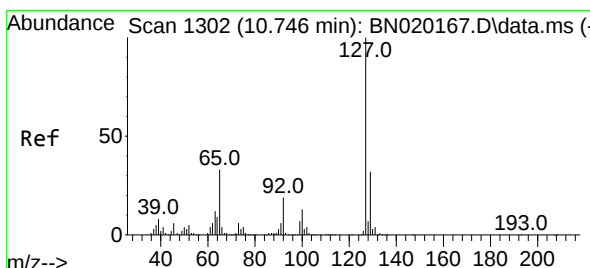
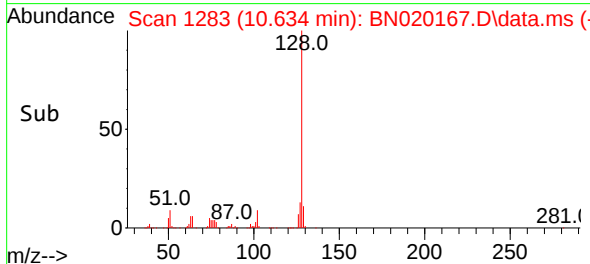
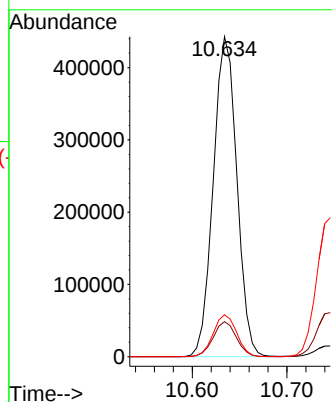
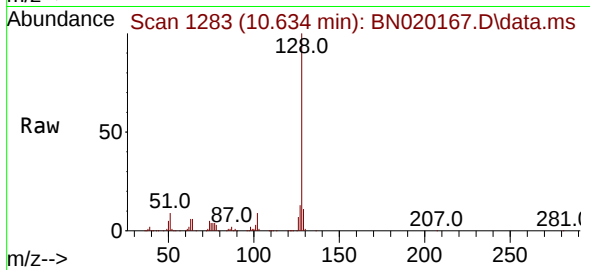




#30
Naphthalene
Concen: 20.306 ng/ul
RT: 10.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

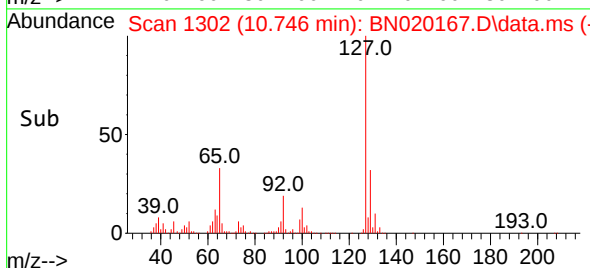
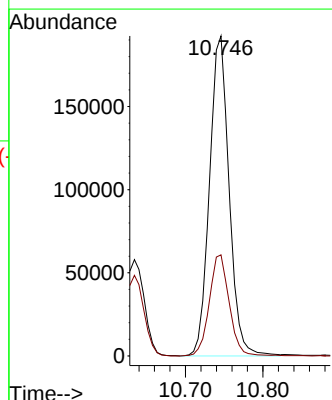
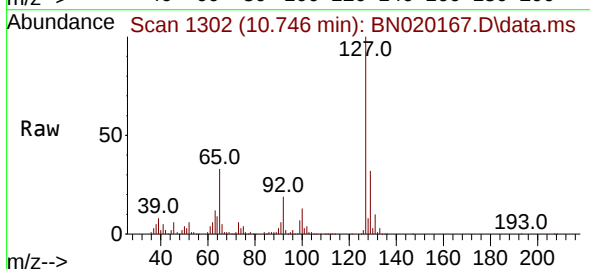
Instrument :
BNA_N
ClientSampleId :

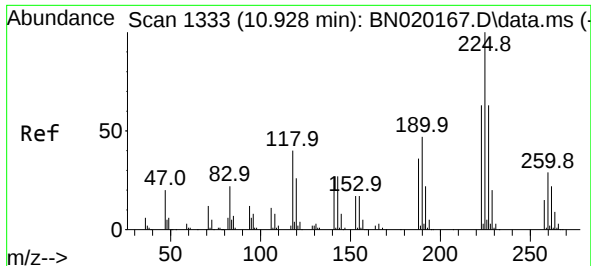
Tgt Ion:128 Resp: 766645
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 20.337 ng/ul
RT: 10.746 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:127 Resp: 338240
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1

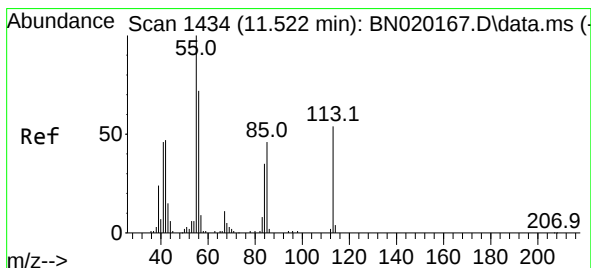
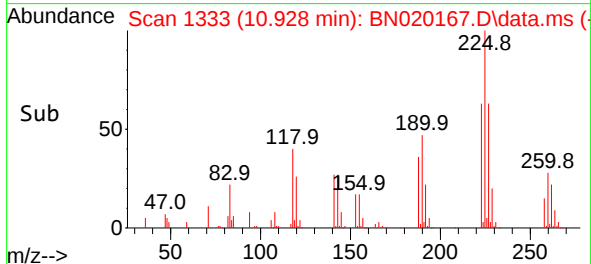
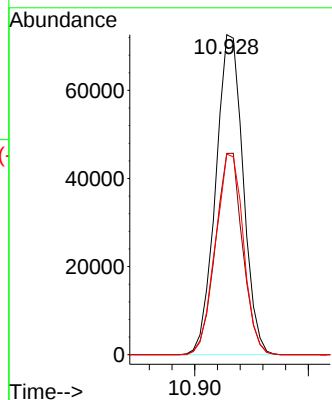
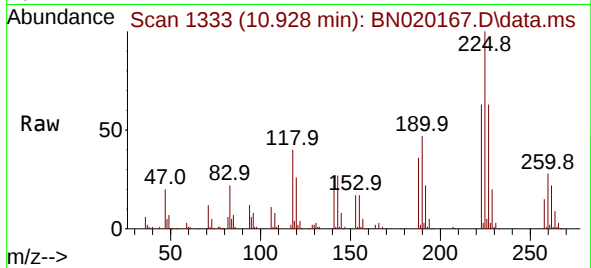




#33
Hexachlorobutadiene
Concen: 19.998 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

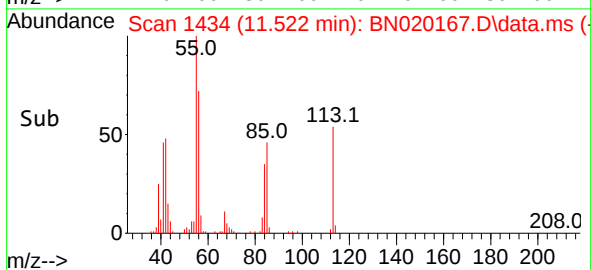
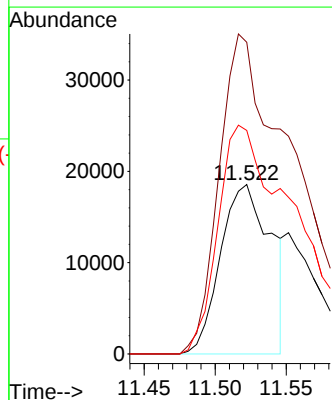
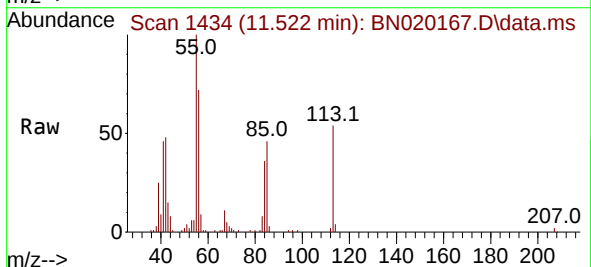
Instrument :
BNA_N
ClientSampleId :

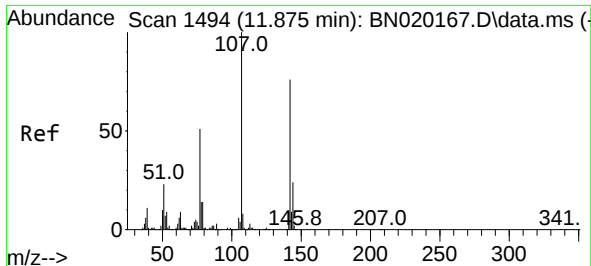
Tgt Ion:225 Resp: 121952
Ion Ratio Lower Upper
225 100
223 62.9 51.8 77.6
227 62.7 50.6 76.0



#34
Caprolactam
Concen: 11.058 ng/ul
RT: 11.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:113 Resp: 45867
Ion Ratio Lower Upper
113 100
55 184.0 145.5 218.3
56 132.0 106.5 159.7

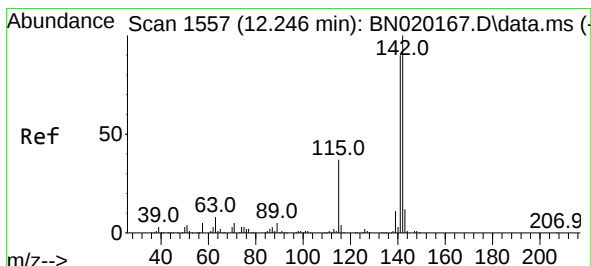
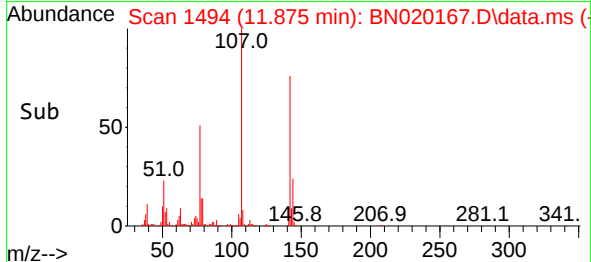
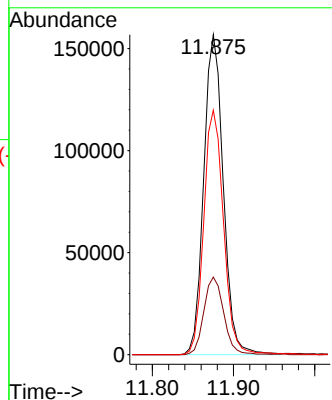
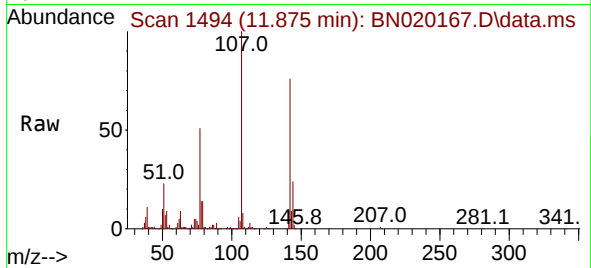




#35
4-Chloro-3-methylphenol
Concen: 20.909 ng/ul
RT: 11.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

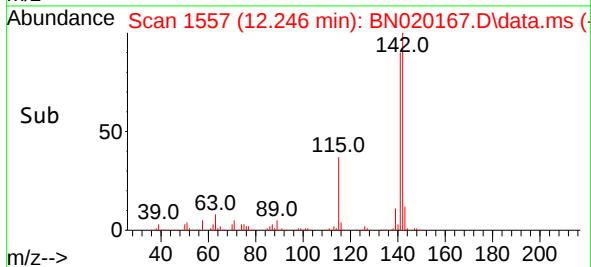
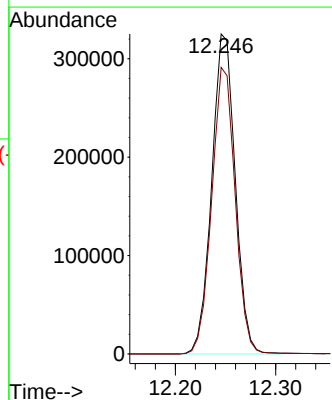
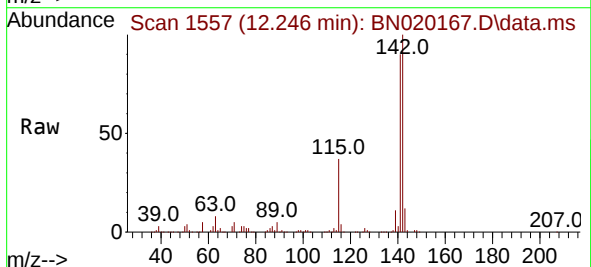
Instrument :
BNA_N
ClientSampleId :

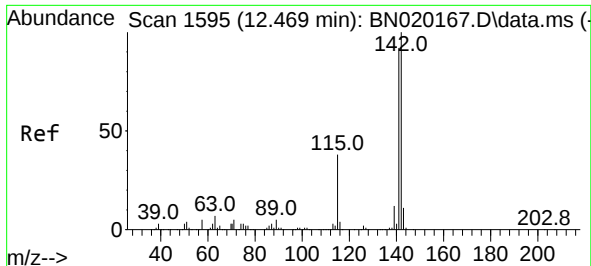
Tgt Ion:107 Resp: 262229
Ion Ratio Lower Upper
107 100
144 24.3 20.6 31.0
142 76.4 62.2 93.4



#36
2-Methylnaphthalene
Concen: 20.789 ng/ul
RT: 12.246 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:142 Resp: 530638
Ion Ratio Lower Upper
142 100
141 89.6 70.6 105.8





#37

1-Methylnaphthalene

Concen: 20.869 ng/ul

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

Instrument :

BNA_N

ClientSampleId :

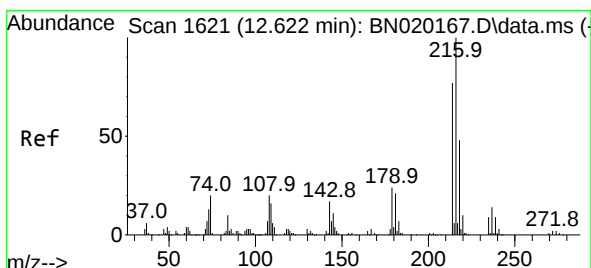
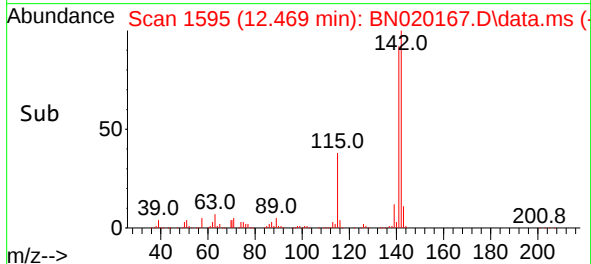
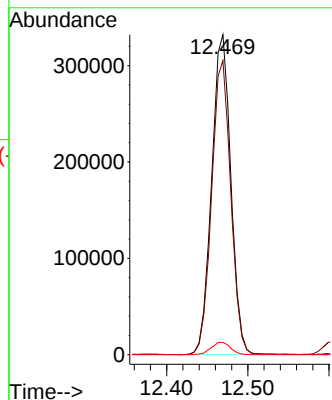
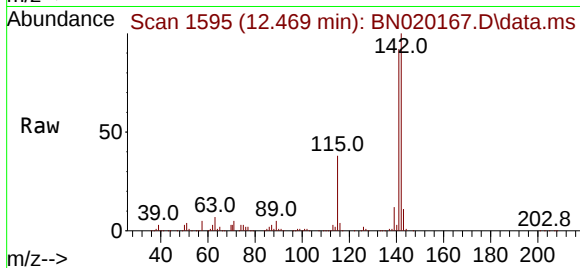
Tgt Ion:142 Resp: 543584

Ion Ratio Lower Upper

142 100

141 91.9 70.9 106.3

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.876 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

Tgt Ion:216 Resp: 247604

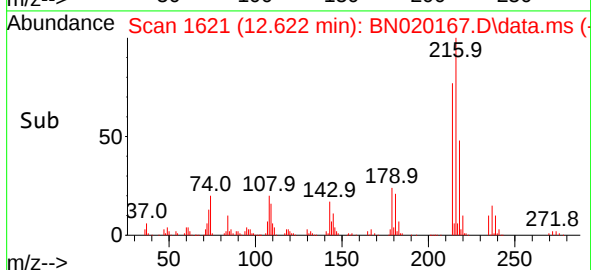
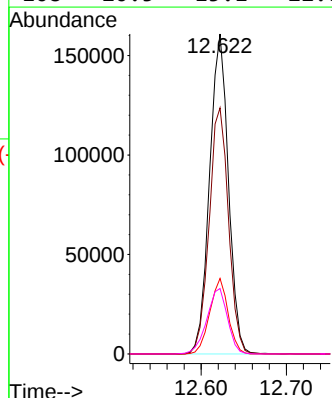
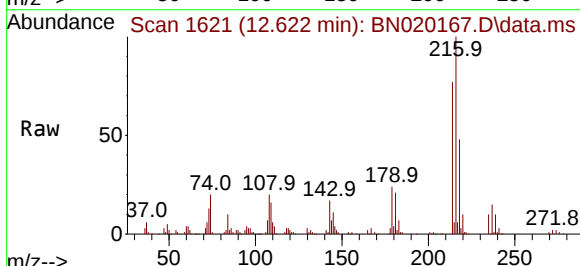
Ion Ratio Lower Upper

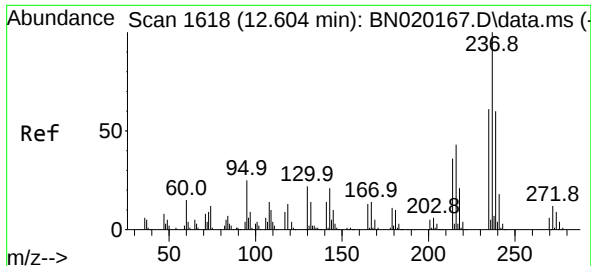
216 100

214 76.9 63.4 95.0

179 23.6 17.8 26.8

108 20.5 15.1 22.7

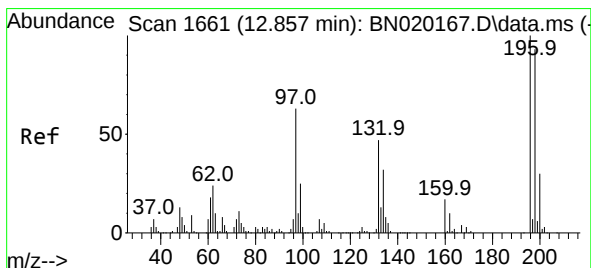
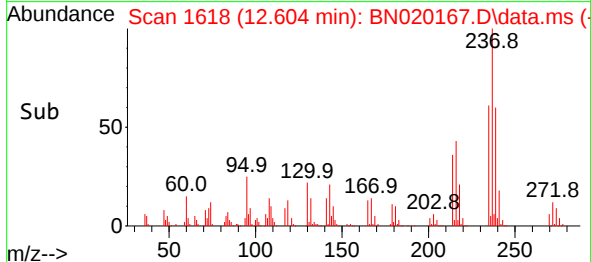
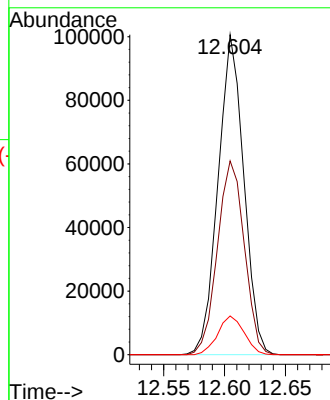
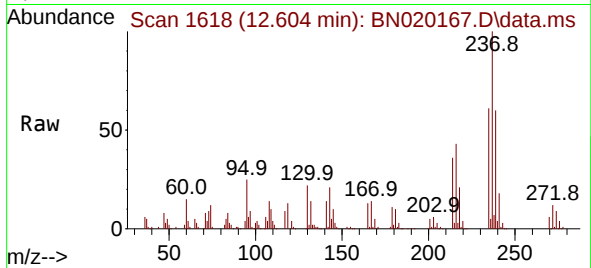




#40
Hexachlorocyclopentadiene
Concen: 19.505 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

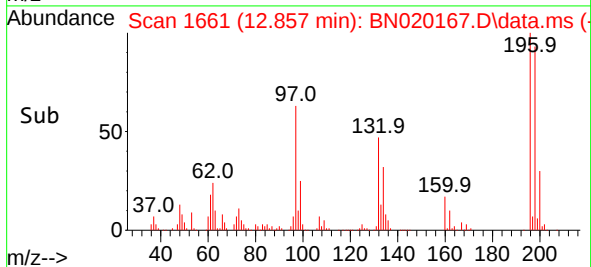
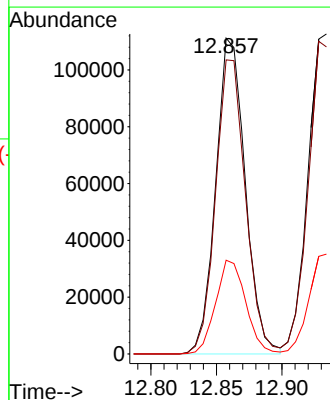
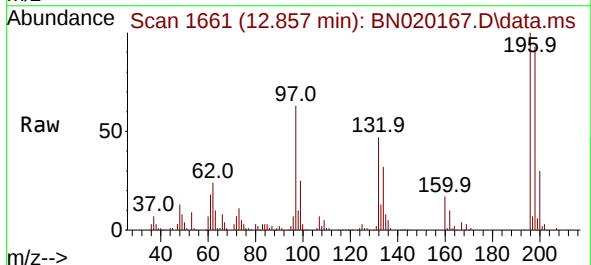
Instrument :
BNA_N
ClientSampleId :

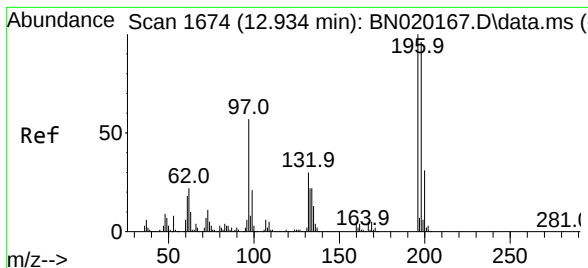
Tgt Ion:237 Resp: 147811
Ion Ratio Lower Upper
237 100
235 60.6 48.8 73.2
272 12.1 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 20.264 ng/ul
RT: 12.857 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

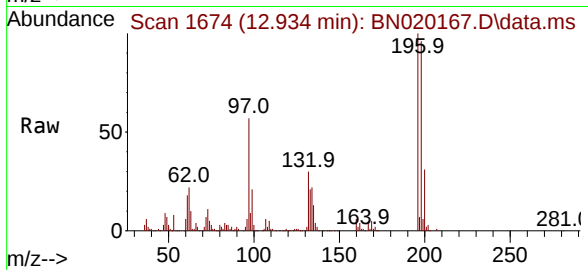
Tgt Ion:196 Resp: 174060
Ion Ratio Lower Upper
196 100
198 93.2 79.8 119.8
200 29.7 25.0 37.6



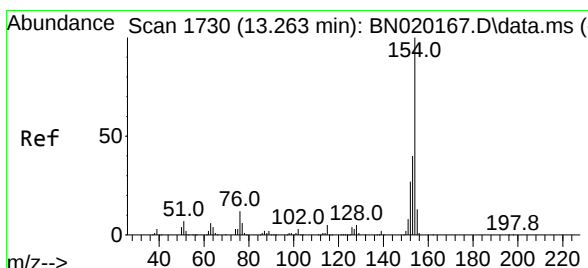
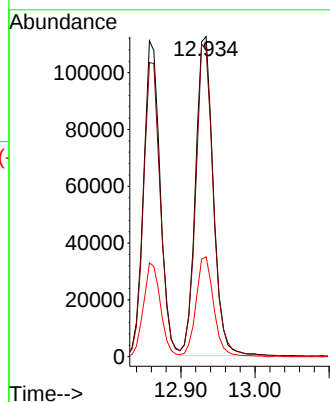
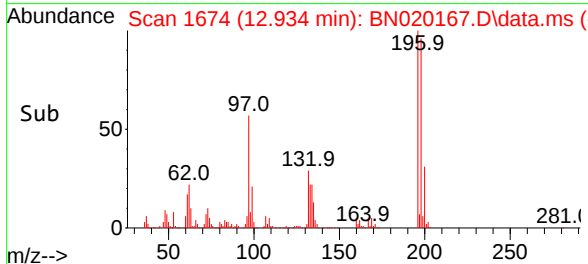


#42
2,4,5-Trichlorophenol
Concen: 19.704 ng/ul
RT: 12.934 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Instrument :
BNA_N
ClientSampleId :

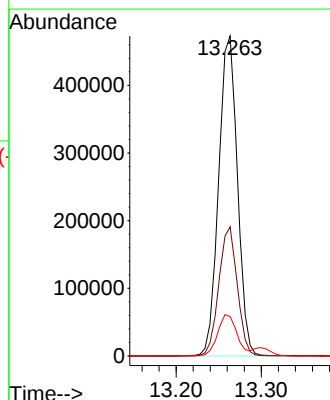
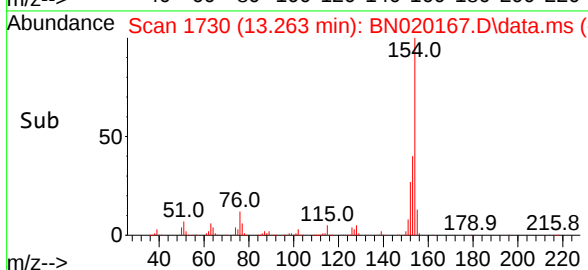
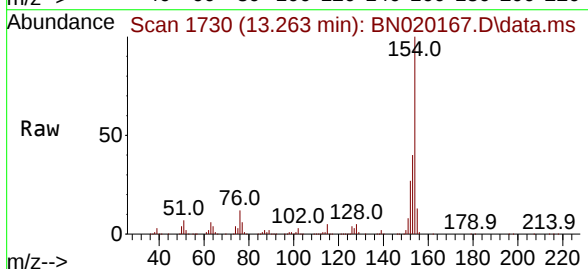


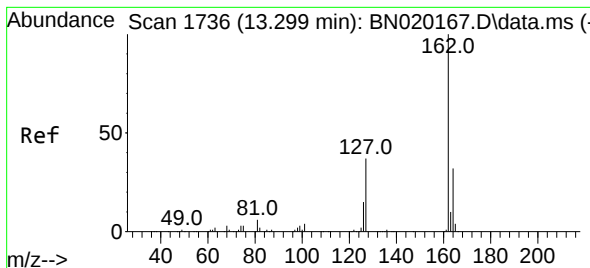
Tgt Ion:196 Resp: 187450
Ion Ratio Lower Upper
196 100
198 95.9 77.6 116.4
200 31.2 24.4 36.6



#43
1,1'-Biphenyl
Concen: 20.032 ng/ul
RT: 13.263 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:154 Resp: 724508
Ion Ratio Lower Upper
154 100
153 40.3 31.5 47.3
76 12.3 10.5 15.7





#44

2-Chloronaphthalene

Concen: 19.990 ng/ul

RT: 13.299 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

Instrument :

BNA_N

ClientSampleId :

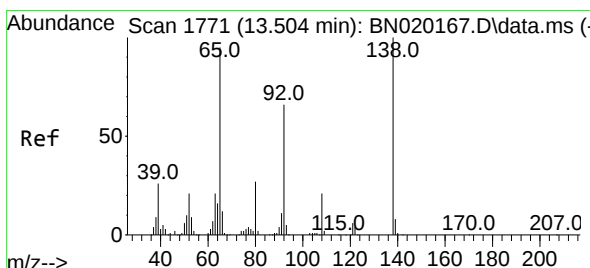
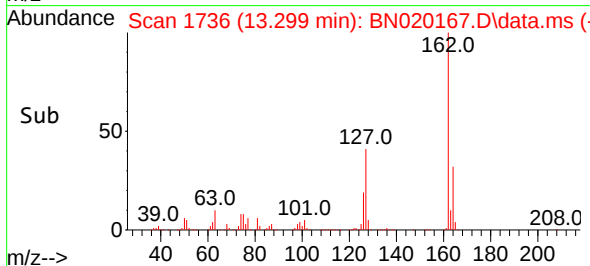
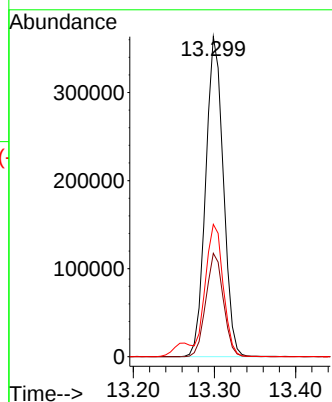
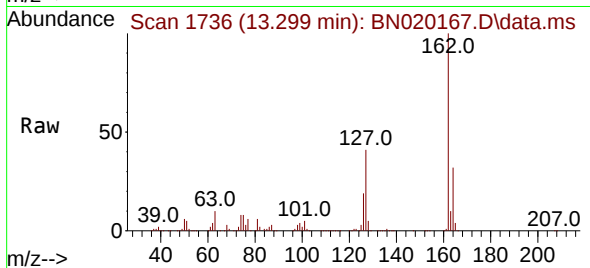
Tgt Ion:162 Resp: 548478

Ion Ratio Lower Upper

162 100

164 32.3 25.8 38.6

127 41.3 31.4 47.2



#45

2-Nitroaniline

Concen: 18.879 ng/ul

RT: 13.504 min Scan# 1771

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

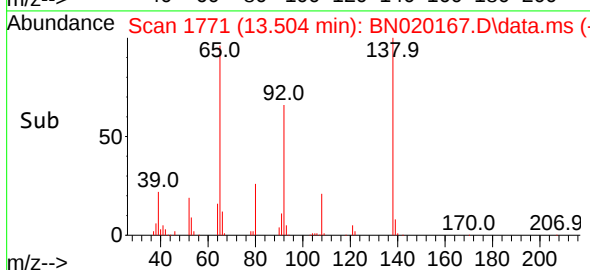
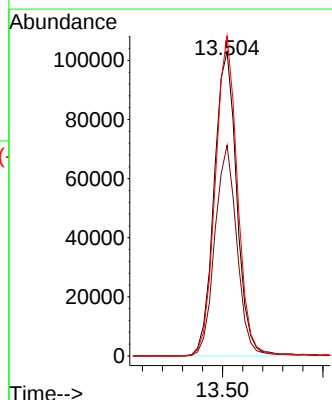
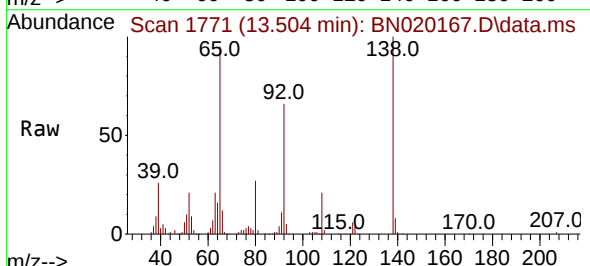
Tgt Ion: 65 Resp: 161150

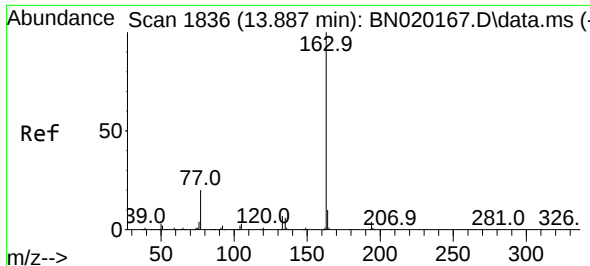
Ion Ratio Lower Upper

65 100

92 69.2 54.1 81.1

138 105.1 77.0 115.4

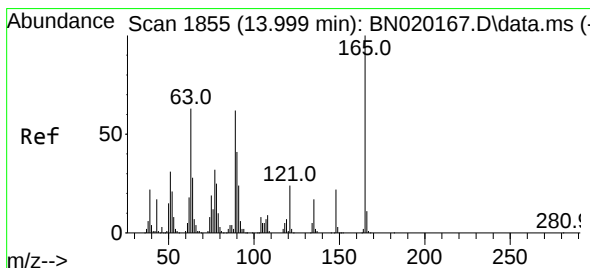
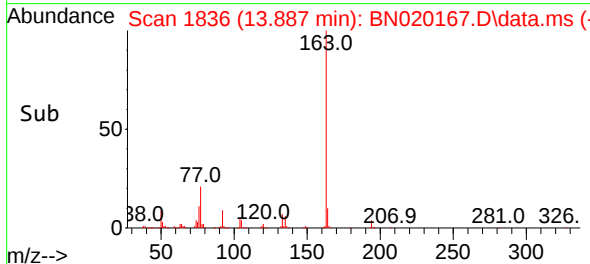
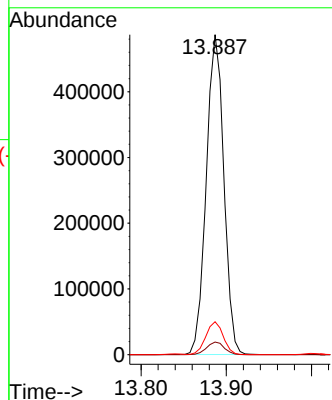
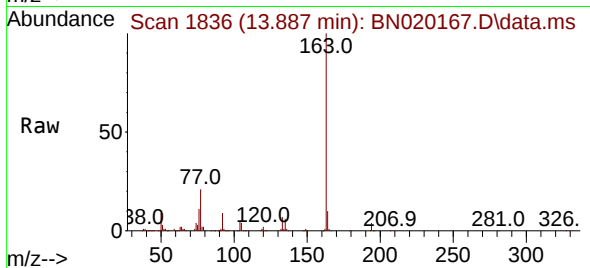




#47
Dimethylphthalate
Concen: 19.500 ng/ul
RT: 13.887 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

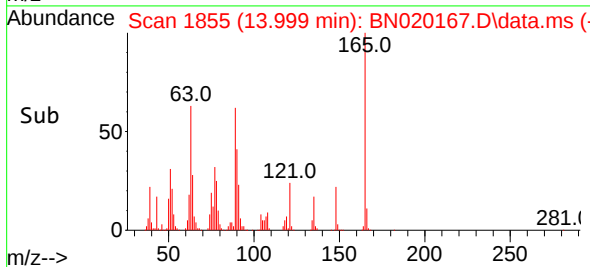
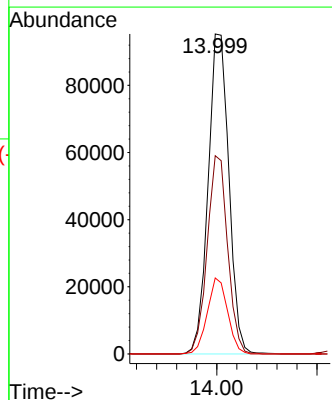
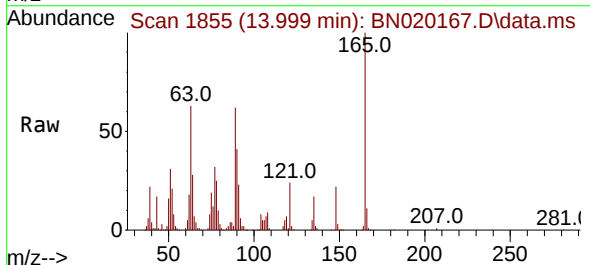
Instrument :
BNA_N
ClientSampleId :

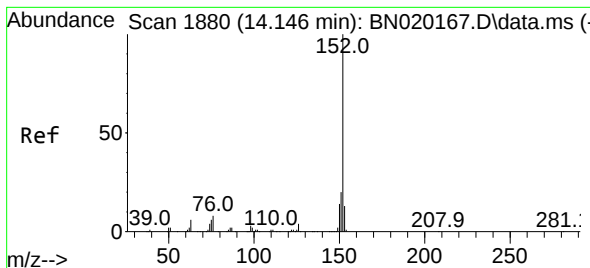
Tgt Ion:163 Resp: 697655
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.3 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 19.599 ng/ul
RT: 13.999 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:165 Resp: 137099
Ion Ratio Lower Upper
165 100
89 61.9 50.6 75.8
121 23.8 17.9 26.9





#50

Acenaphthylene

Concen: 19.773 ng/ul

RT: 14.146 min Scan# 1880

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

Instrument :

BNA_N

ClientSampleId :

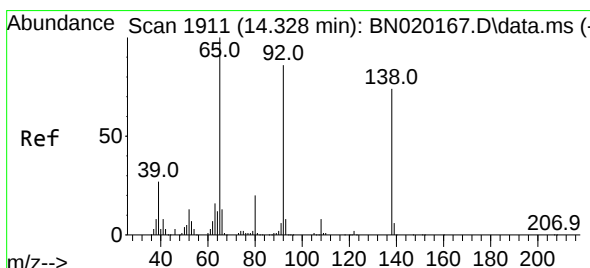
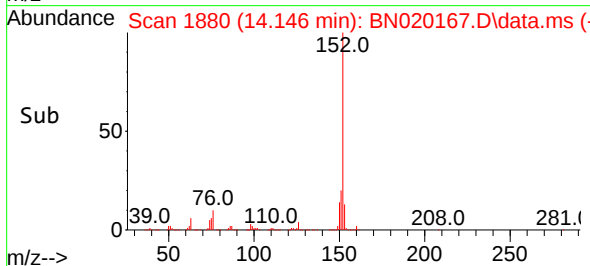
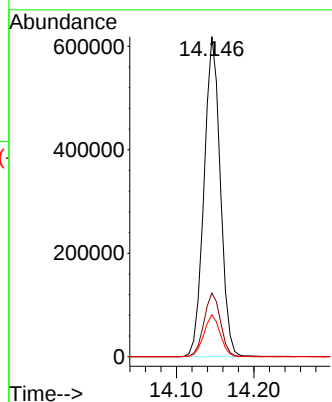
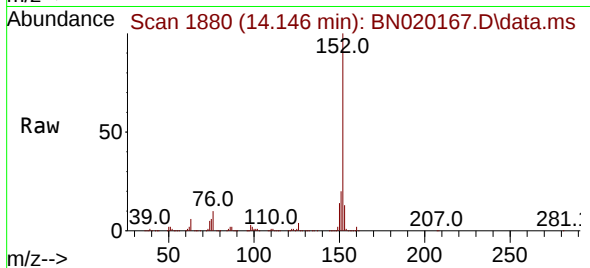
Tgt Ion:152 Resp: 902300

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.1 10.7 16.1



#51

3-Nitroaniline

Concen: 18.744 ng/ul

RT: 14.328 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

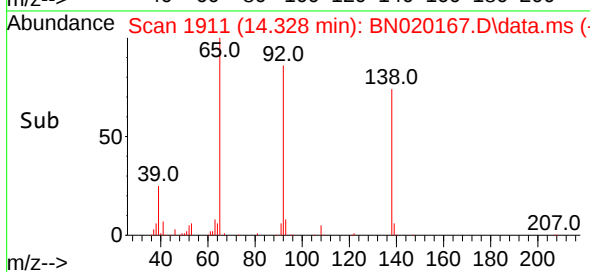
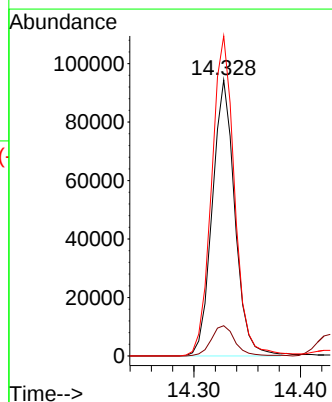
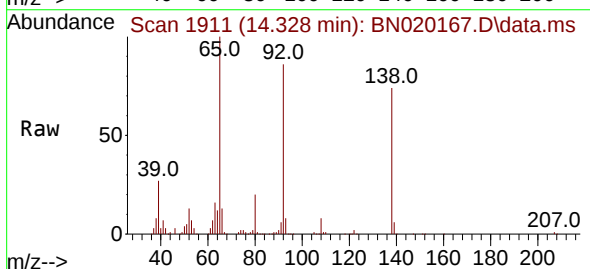
Tgt Ion:138 Resp: 138614

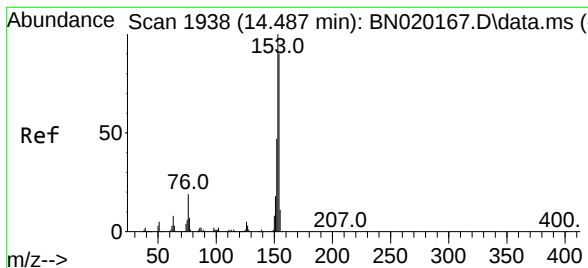
Ion Ratio Lower Upper

138 100

108 11.0 8.6 12.8

92 115.9 92.9 139.3





#52

Acenaphthene

Concen: 19.900 ng/ul

RT: 14.487 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

Instrument :

BNA_N

ClientSampleId :

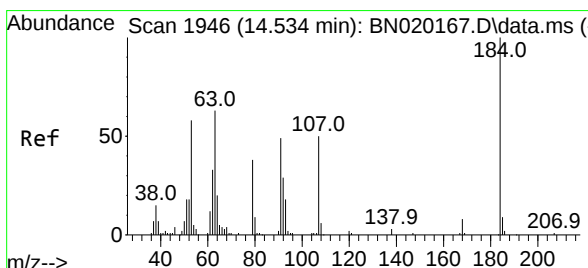
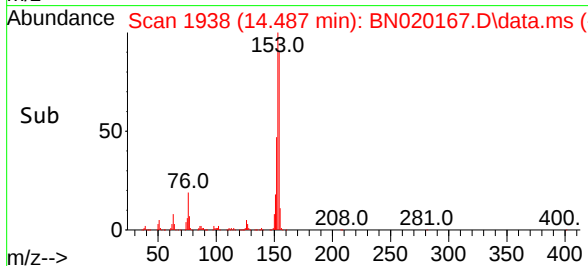
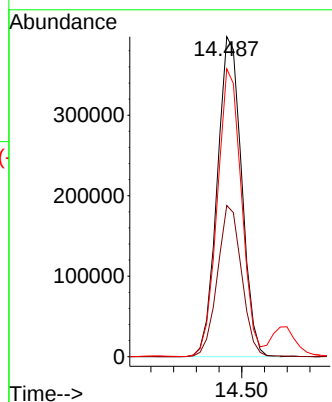
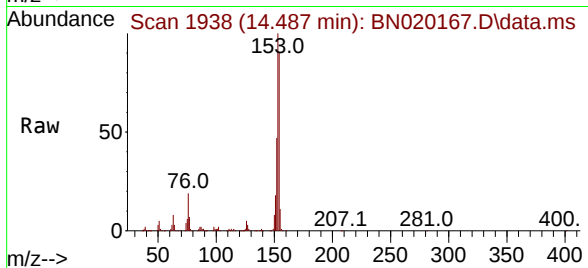
Tgt Ion:153 Resp: 593160

Ion Ratio Lower Upper

153 100

152 47.2 38.4 57.6

154 90.0 69.7 104.5



#53

2,4-Dinitrophenol

Concen: 19.149 ng/ul

RT: 14.534 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

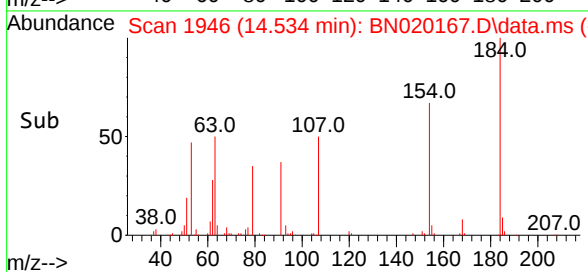
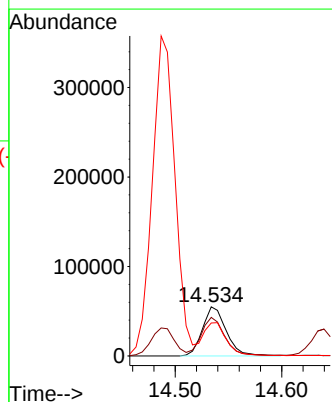
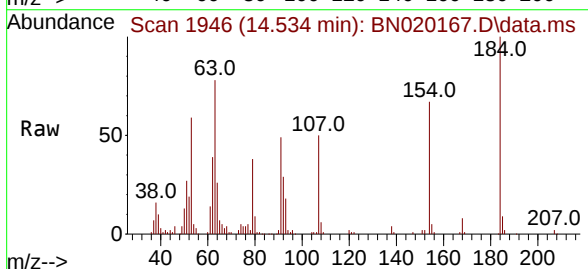
Tgt Ion:184 Resp: 85763

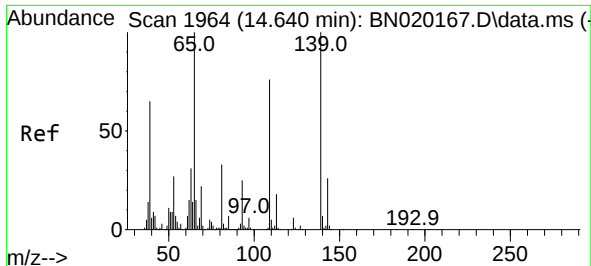
Ion Ratio Lower Upper

184 100

63 78.4 55.9 83.9

154 66.9 53.1 79.7

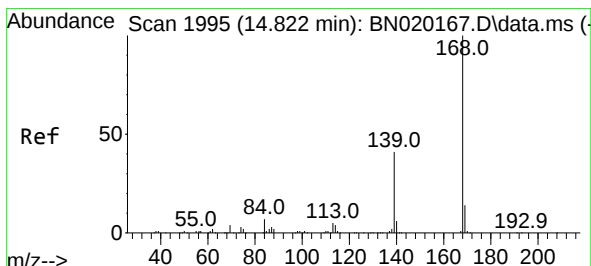
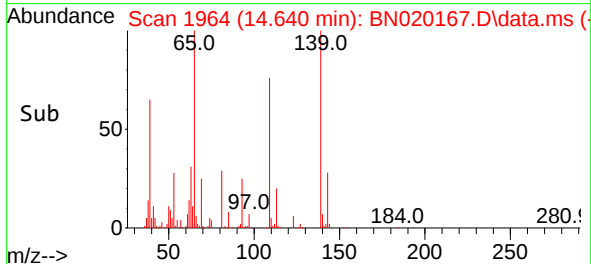
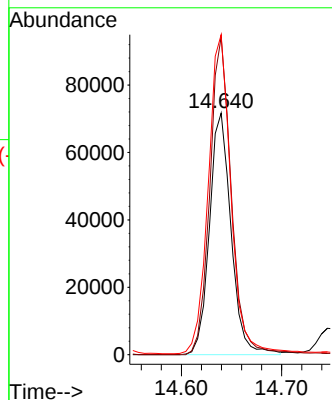
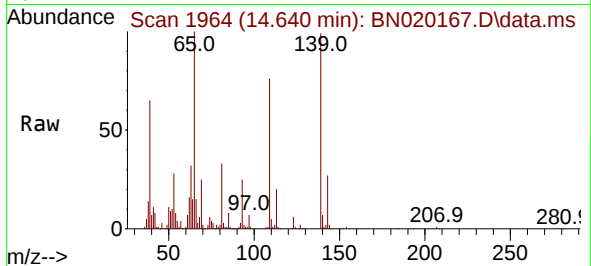




#55
4-Nitrophenol
Concen: 17.664 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

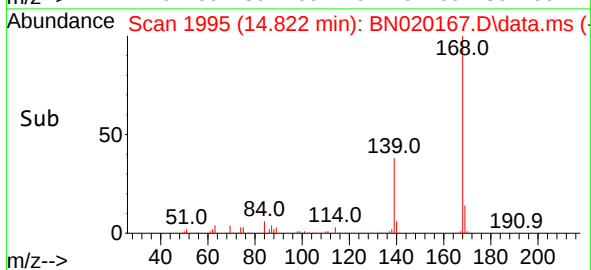
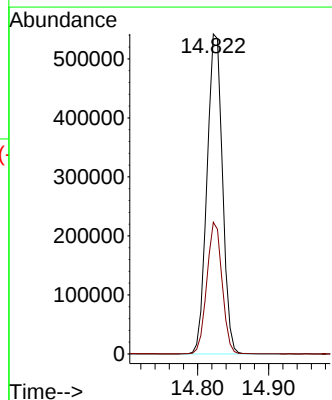
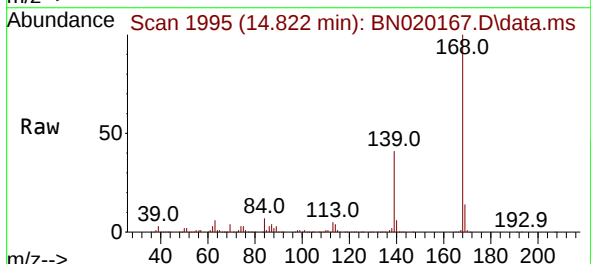
Instrument :
BNA_N
ClientSampleId :

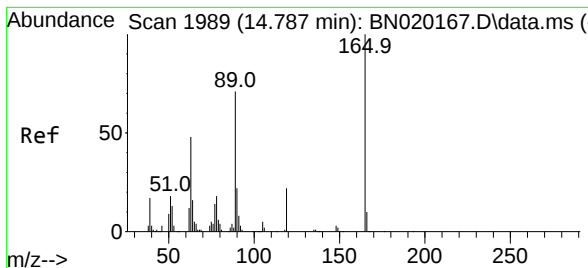
Tgt Ion:109 Resp: 107383
Ion Ratio Lower Upper
109 100
139 131.5 100.1 150.1
65 132.4 104.6 157.0



#56
Dibenzofuran
Concen: 19.593 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:168 Resp: 822763
Ion Ratio Lower Upper
168 100
139 41.2 31.1 46.7

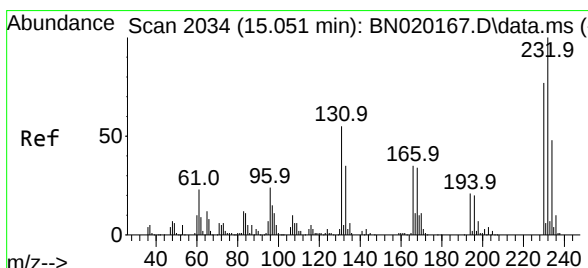
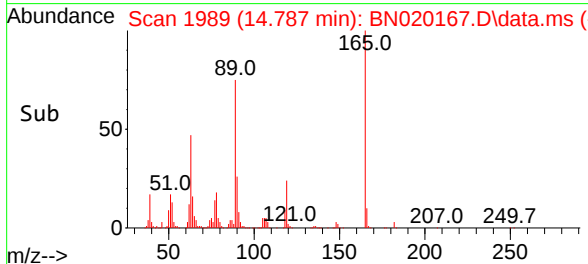
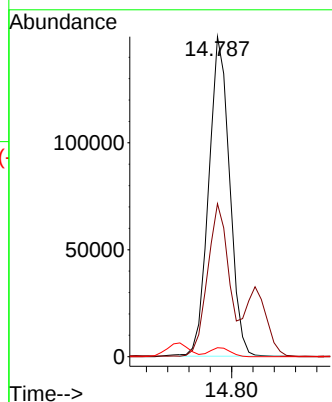
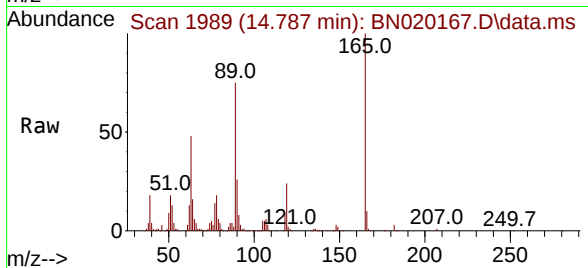




#57
2,4-Dinitrotoluene
Concen: 19.596 ng/ul
RT: 14.787 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

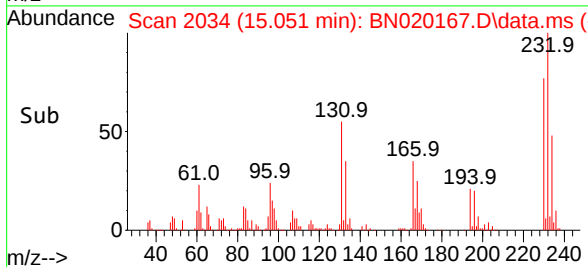
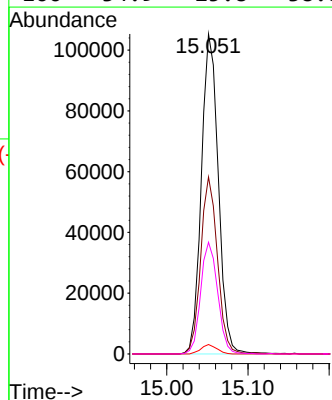
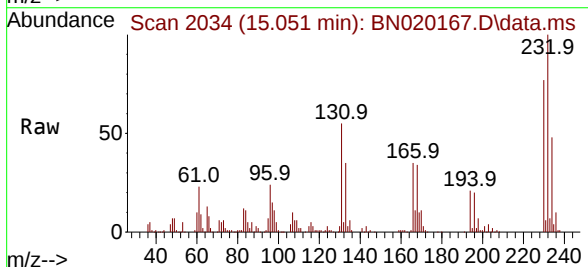
Instrument :
BNA_N
ClientSampleId :

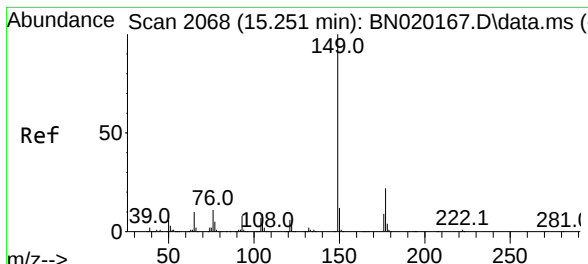
Tgt Ion:165 Resp: 202966
Ion Ratio Lower Upper
165 100
63 47.8 36.3 54.5
182 2.8 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.482 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:232 Resp: 152959
Ion Ratio Lower Upper
232 100
131 55.3 38.5 57.7
130 3.0 2.2 3.2
166 34.9 25.8 38.8

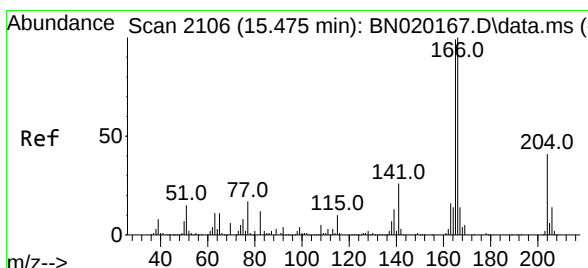
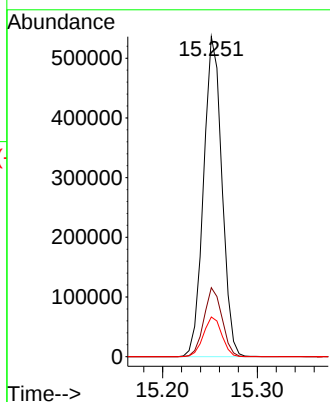
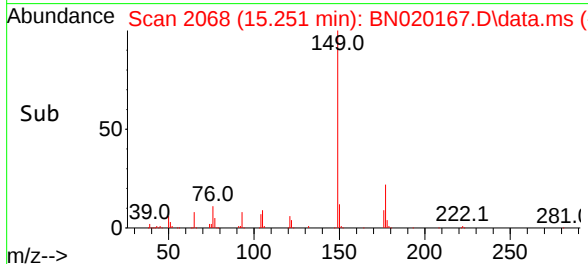
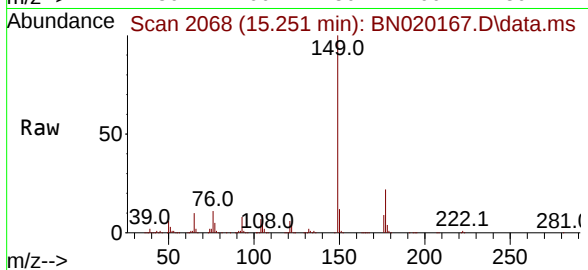




#59
 Diethylphthalate
 Concen: 19.554 ng/ul
 RT: 15.251 min Scan# 2068
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

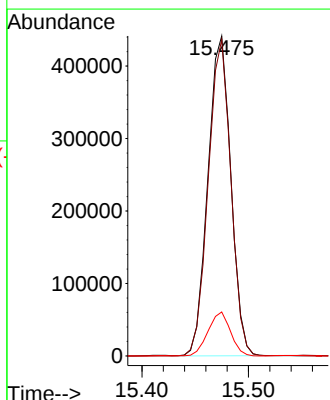
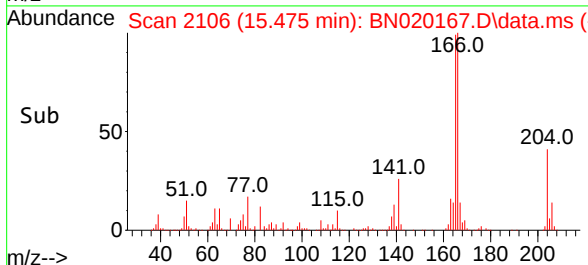
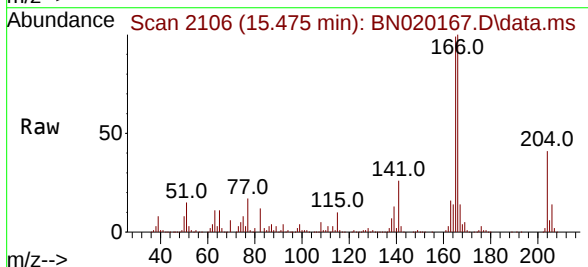
Instrument :
 BNA_N
 ClientSampleId :

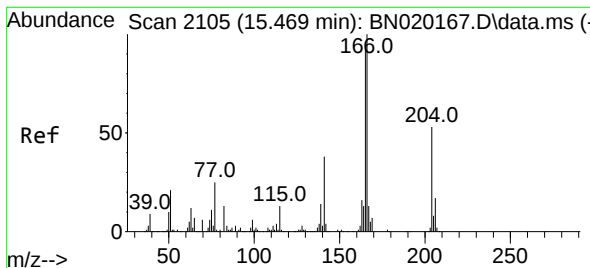
Tgt Ion:	149	Resp:	720285
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.8
150	12.4	10.5	15.7



#61
 Fluorene
 Concen: 20.179 ng/ul
 RT: 15.475 min Scan# 2106
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Tgt Ion:	166	Resp:	659387
Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.7	116.5
167	13.8	11.1	16.7

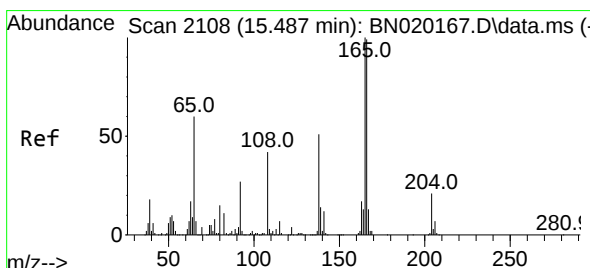
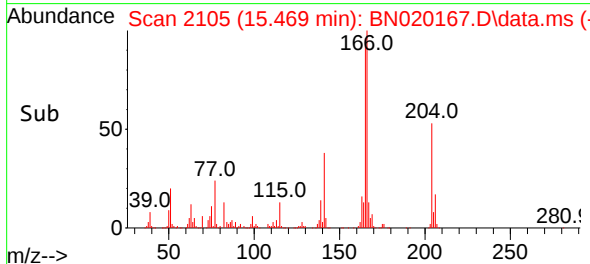
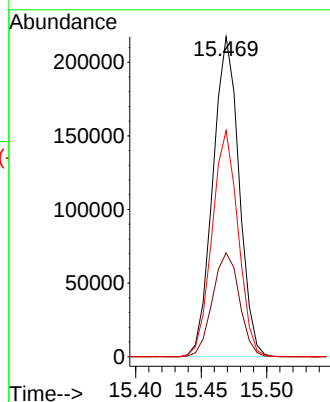
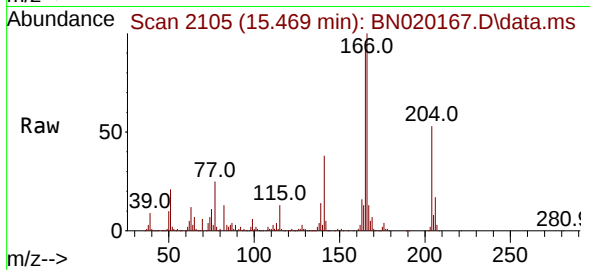




#62
4-Chlorophenyl-phenylether
Concen: 20.066 ng/ul
RT: 15.469 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

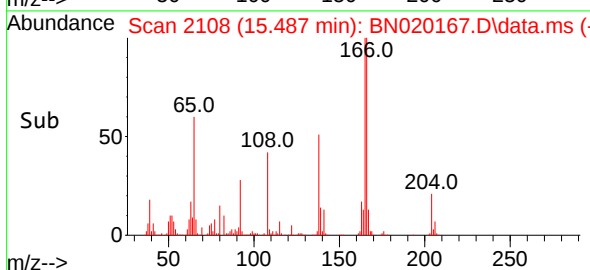
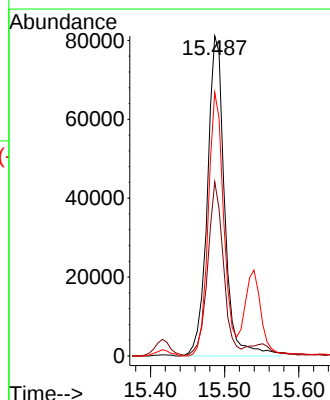
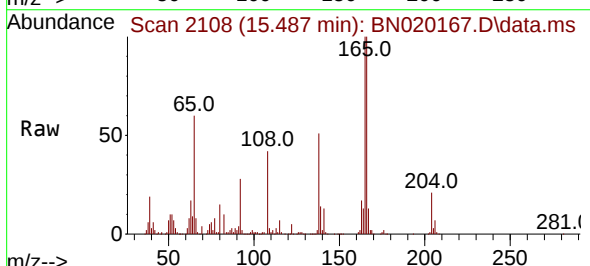
Instrument :
BNA_N
ClientSampleId :

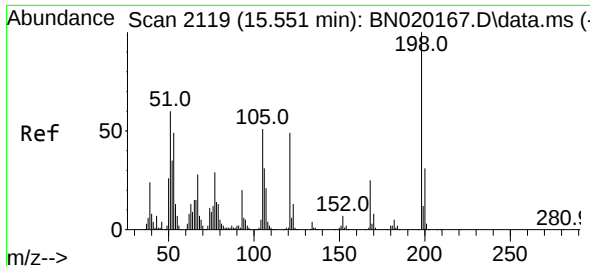
Tgt Ion:204 Resp: 301953
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 70.7 50.2 75.2



#63
4-Nitroaniline
Concen: 18.996 ng/ul
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:138 Resp: 131272
Ion Ratio Lower Upper
138 100
92 54.4 41.0 61.6
108 82.3 65.3 97.9

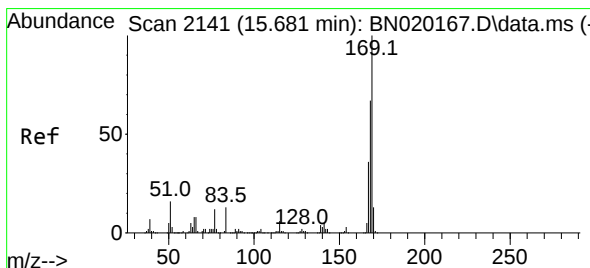
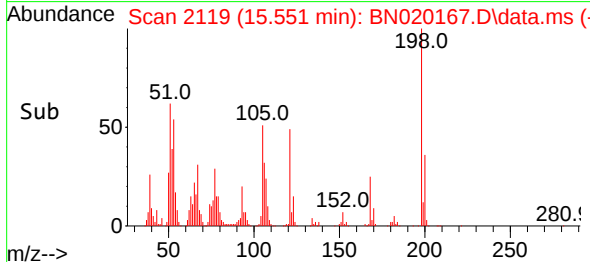
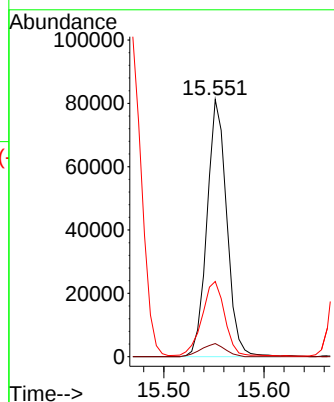
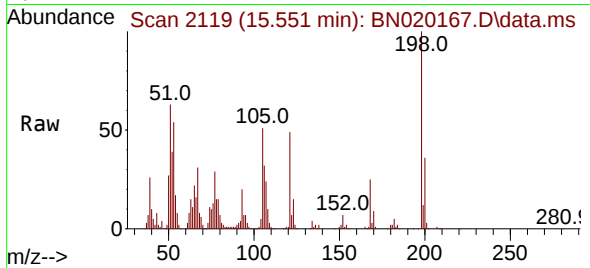




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.853 ng/ul
 RT: 15.551 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

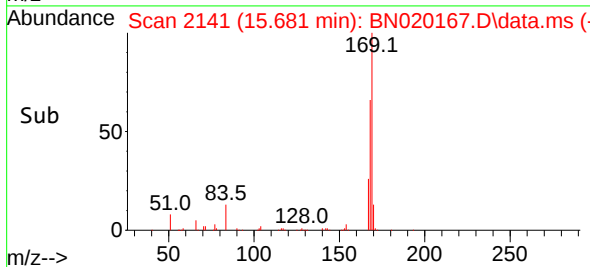
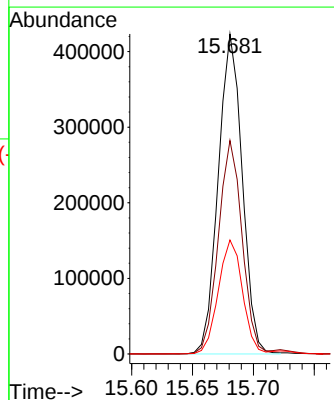
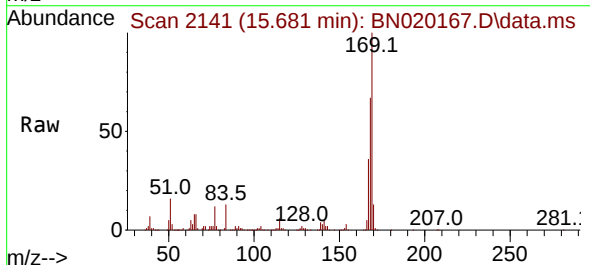
Instrument :
 BNA_N
 ClientSampleId :

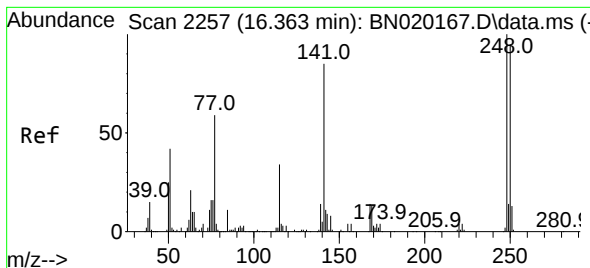
Tgt Ion:198 Resp: 111433
 Ion Ratio Lower Upper
 198 100
 182 5.1 3.0 4.4#
 77 29.2 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 20.125 ng/ul
 RT: 15.681 min Scan# 2141
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Tgt Ion:169 Resp: 580665
 Ion Ratio Lower Upper
 169 100
 168 66.7 52.4 78.6
 167 35.6 27.5 41.3

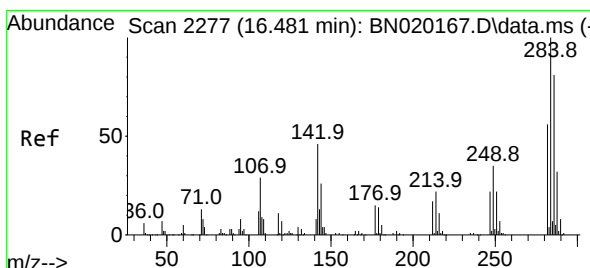
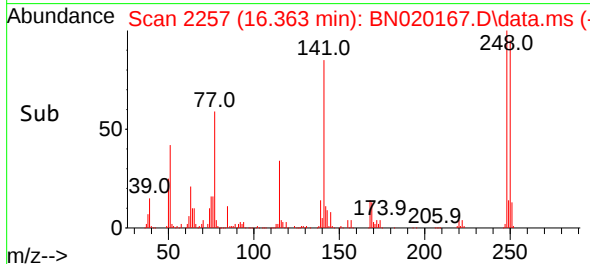
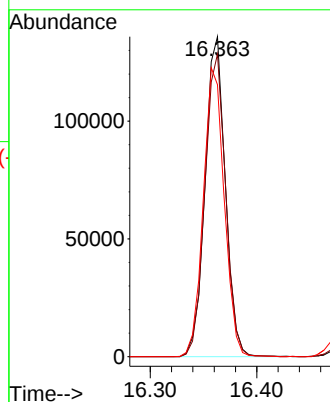
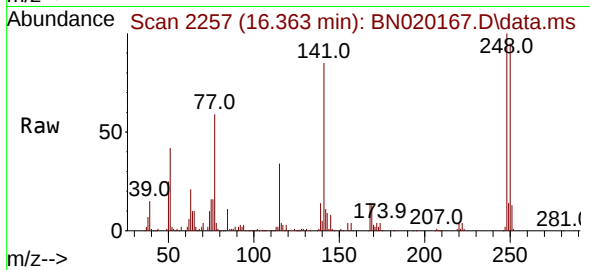




#68
4-Bromophenyl-phenylether
Concen: 20.471 ng/ul
RT: 16.363 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

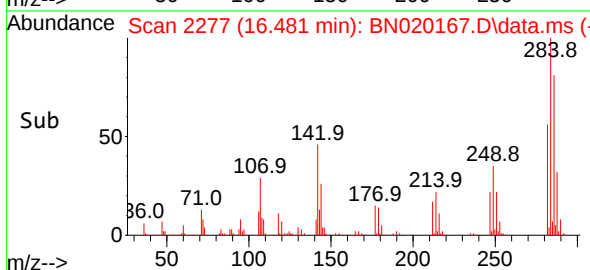
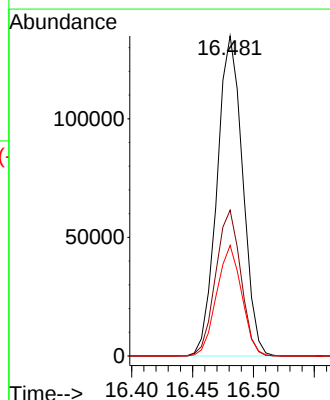
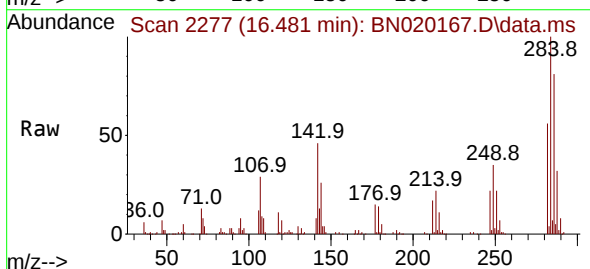
Instrument :
BNA_N
ClientSampleId :

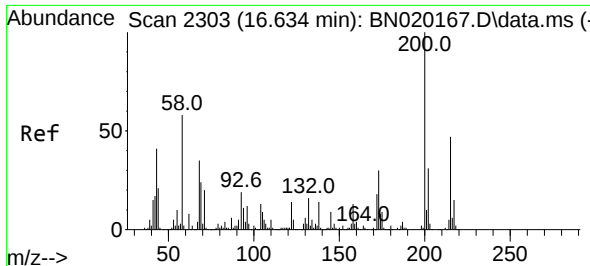
Tgt Ion:248 Resp: 179417
Ion Ratio Lower Upper
248 100
250 94.6 77.8 116.8
141 85.0 62.6 93.8



#69
Hexachlorobenzene
Concen: 19.648 ng/ul
RT: 16.481 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

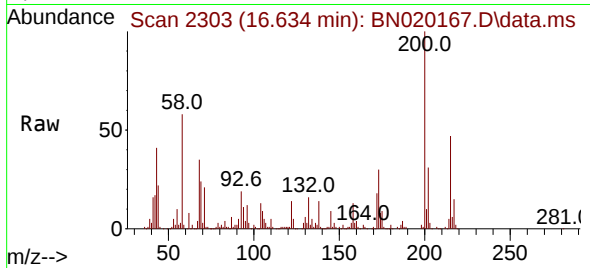
Tgt Ion:284 Resp: 197948
Ion Ratio Lower Upper
284 100
142 45.6 27.8 41.8#
249 34.5 25.7 38.5





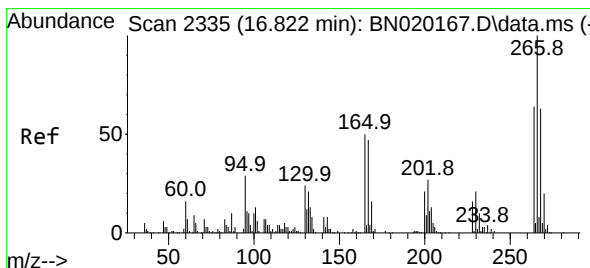
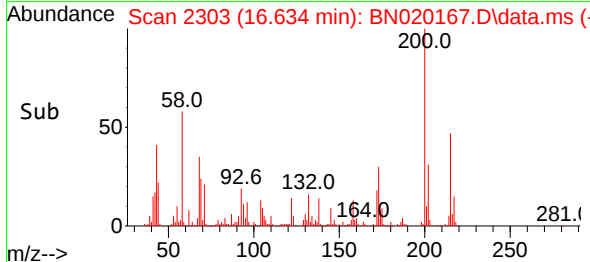
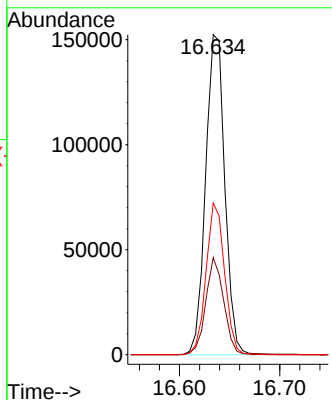
#70
 Atrazine
 Concen: 20.218 ng/ul
 RT: 16.634 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:200 Resp: 203533

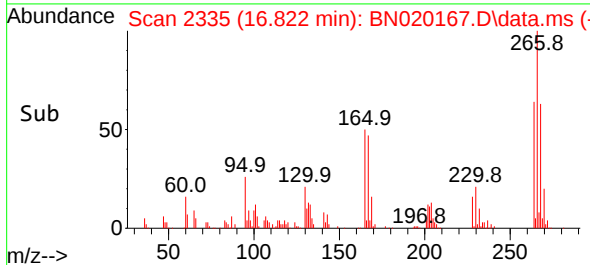
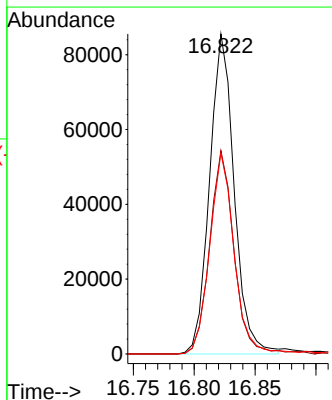
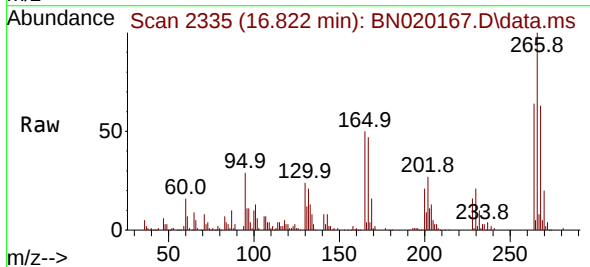
Ion	Ratio	Lower	Upper
200	100		
173	30.4	20.5	30.7
215	47.4	38.9	58.3

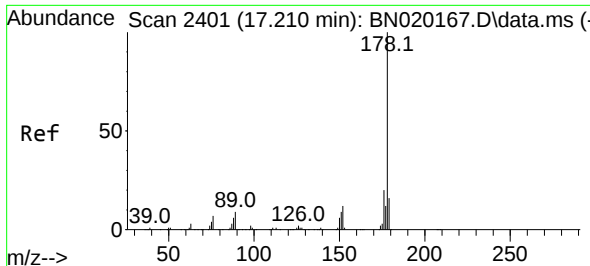


#71
 Pentachlorophenol
 Concen: 19.163 ng/ul
 RT: 16.822 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Tgt Ion:266 Resp: 120244

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.2	75.2
268	62.8	49.3	73.9

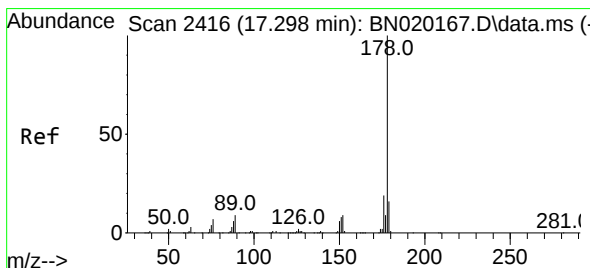
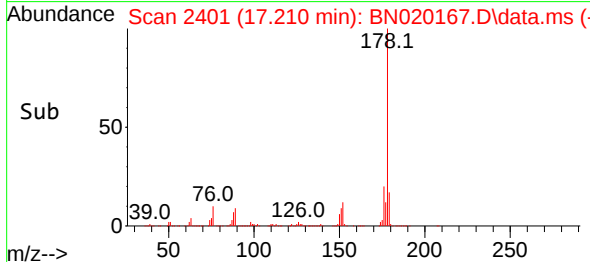
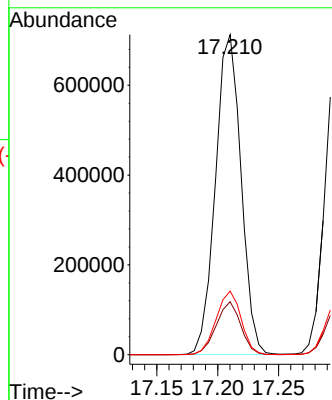
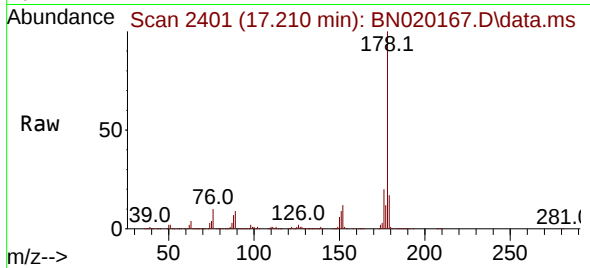




#72
Phenanthrene
Concen: 19.585 ng/u1
RT: 17.210 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

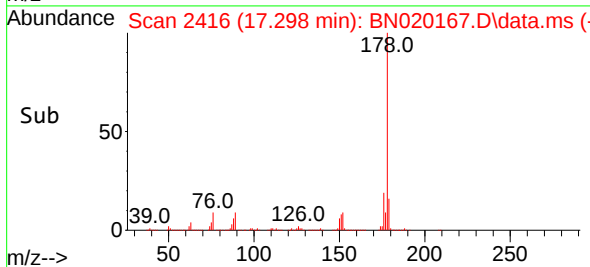
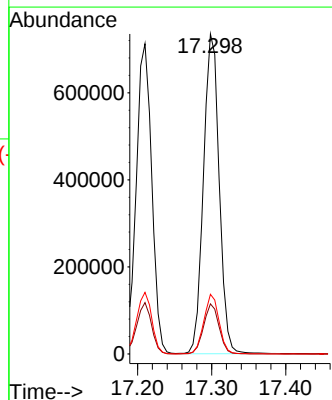
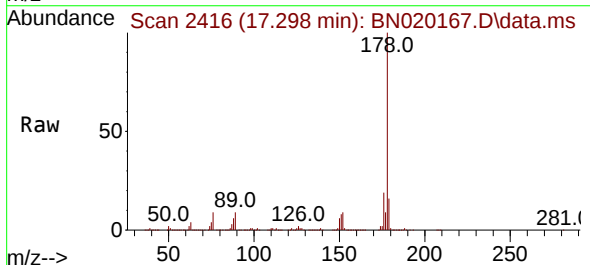
Instrument :
BNA_N
ClientSampleId :

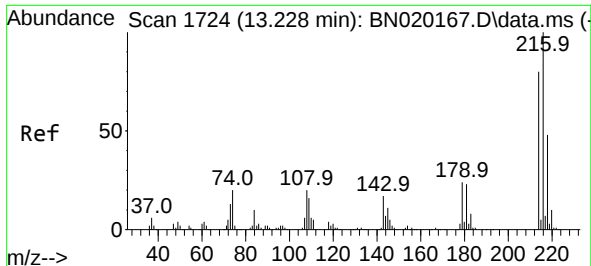
Tgt Ion:178 Resp: 1040203
Ion Ratio Lower Upper
178 100
179 16.6 12.2 18.4
176 19.9 15.2 22.8



#74
Anthracene
Concen: 20.289 ng/u1
RT: 17.298 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

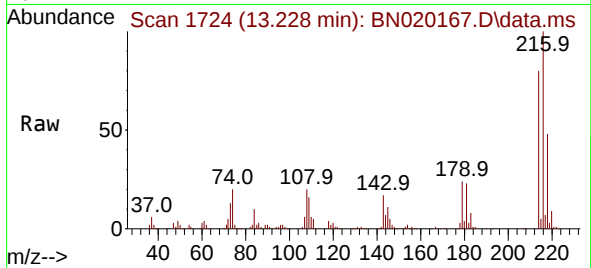
Tgt Ion:178 Resp: 1083547
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 18.6 15.5 23.3



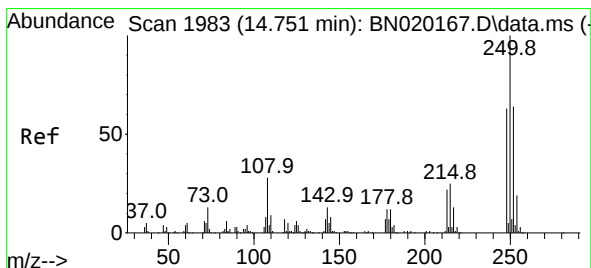
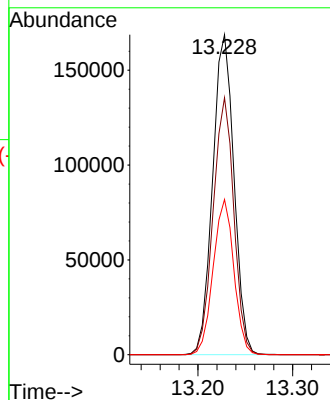
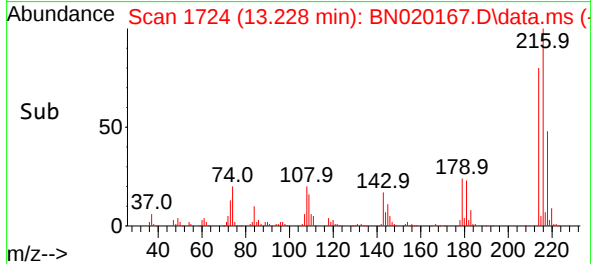


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 19.634 ng/uL
 RT: 13.228 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

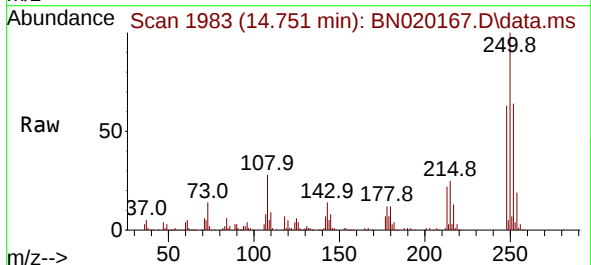
Instrument :
 BNA_N
 ClientSampleId :



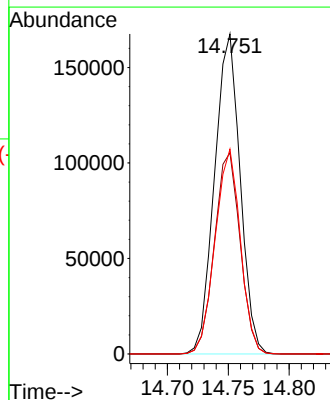
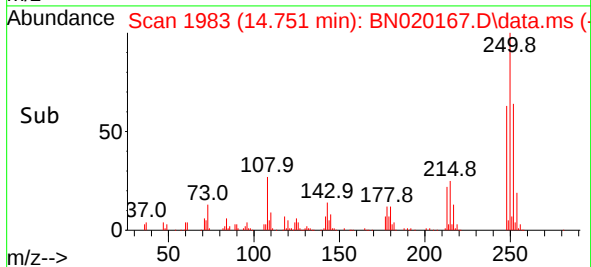
Tgt Ion:216 Resp: 264609
 Ion Ratio Lower Upper
 216 100
 214 80.3 63.2 94.8
 218 48.5 37.9 56.9

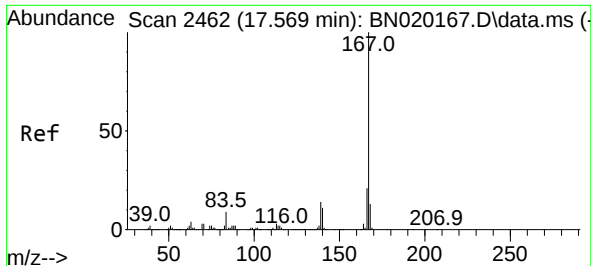


#76
 Pentachlorobenzene
 Concen: 20.587 ng/uL
 RT: 14.751 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27



Tgt Ion:250 Resp: 245213
 Ion Ratio Lower Upper
 250 100
 248 62.9 53.0 79.4
 252 64.0 53.4 80.2

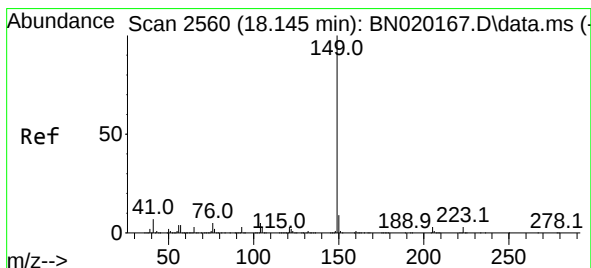
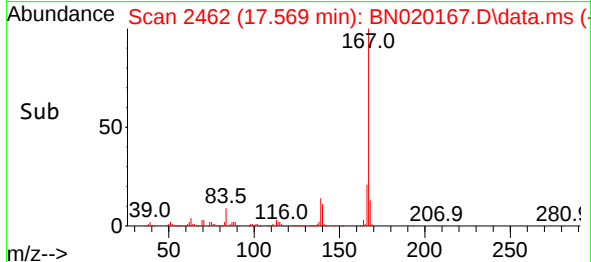
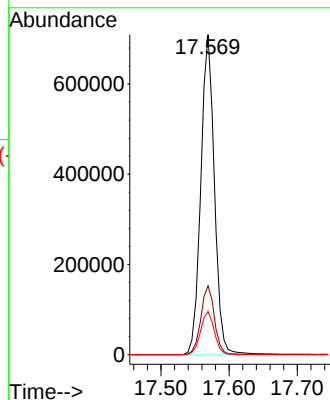
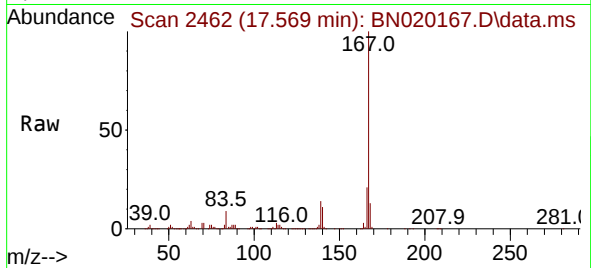




#77
 Carbazole
 Concen: 20.306 ng/ul
 RT: 17.569 min Scan# 2462
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

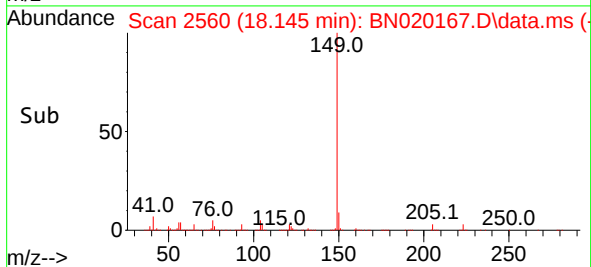
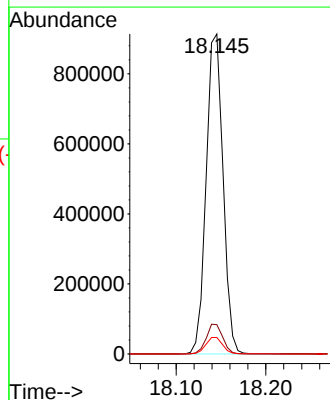
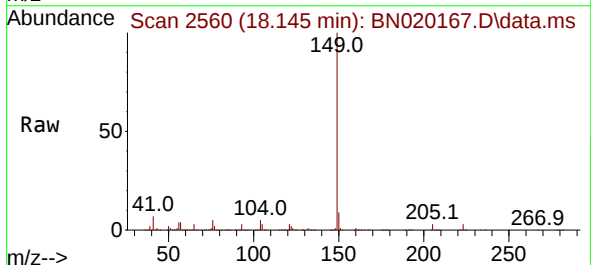
Instrument :
 BNA_N
 ClientSampleId :

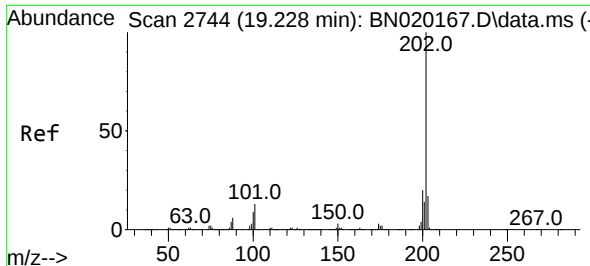
Tgt Ion:167 Resp: 986584
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.1 24.1
 139 13.5 10.2 15.2



#78
 Di-n-butylphthalate
 Concen: 19.795 ng/ul
 RT: 18.145 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

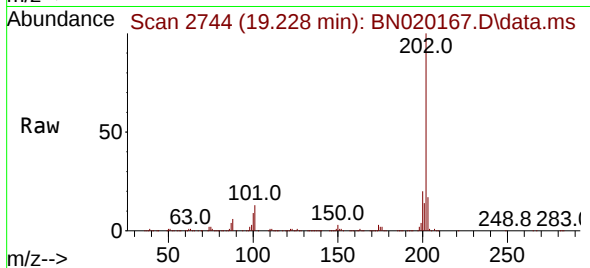
Tgt Ion:149 Resp: 1192560
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.2 4.1 6.1



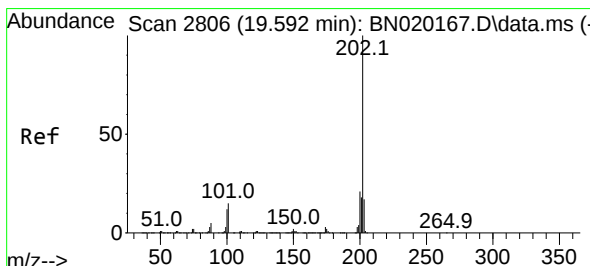
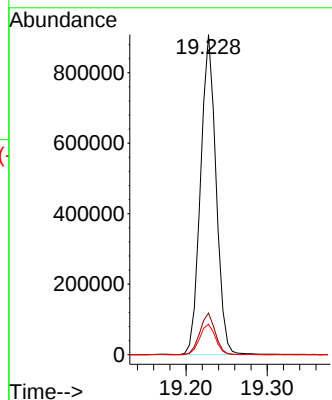
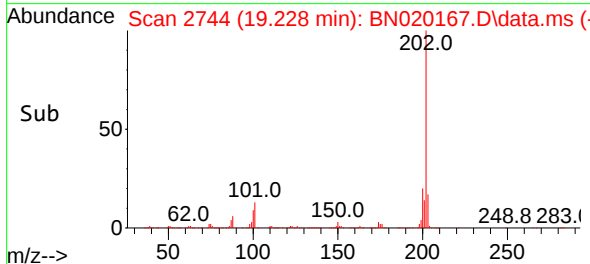


#80
Fluoranthene
Concen: 20.498 ng/u1
RT: 19.228 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Instrument :
BNA_N
ClientSampleId :

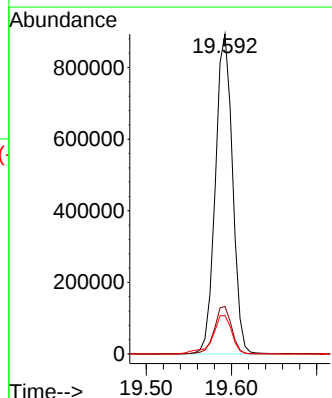
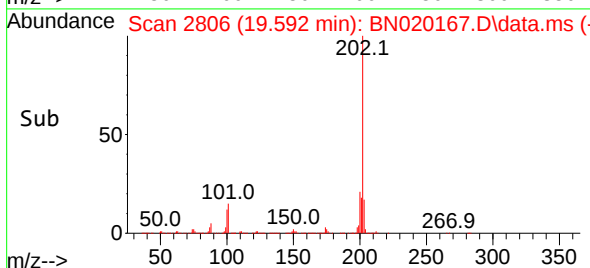
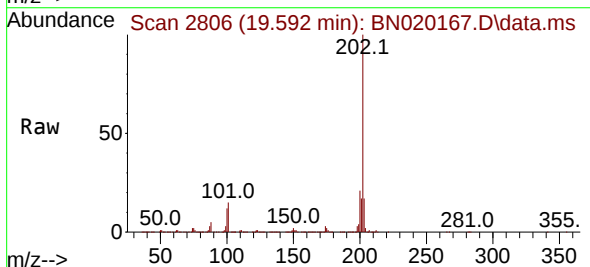


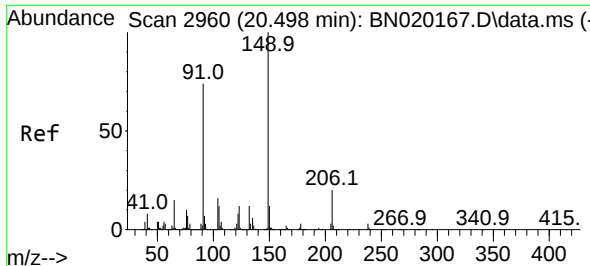
Tgt Ion:202 Resp: 1203422
Ion Ratio Lower Upper
202 100
101 13.0 8.9 13.3
100 9.5 6.7 10.1



#82
Pyrene
Concen: 20.741 ng/u1
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:202 Resp: 1249255
Ion Ratio Lower Upper
202 100
101 14.9 9.7 14.5#
100 12.0 8.0 12.0

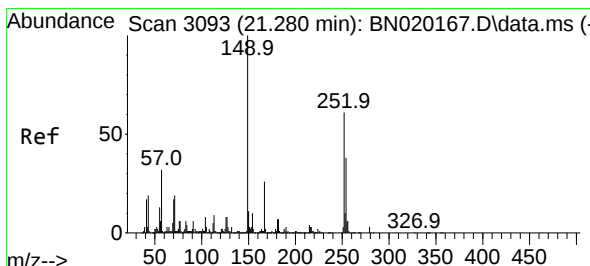
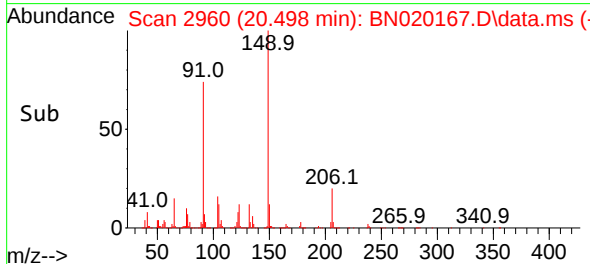
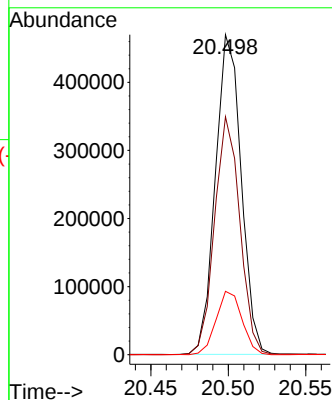
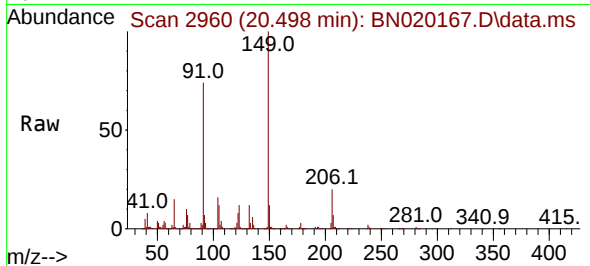




#83
 Butylbenzylphthalate
 Concen: 20.072 ng/ul
 RT: 20.498 min Scan# 2960
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

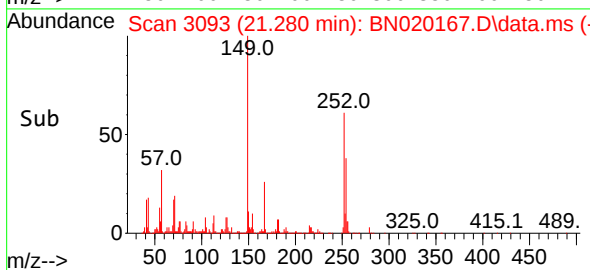
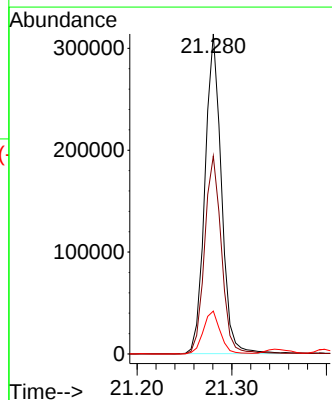
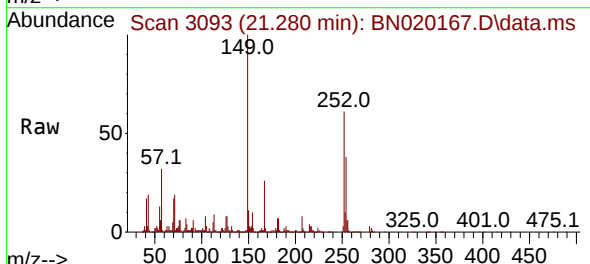
Instrument :
 BNA_N
 ClientSampleId :

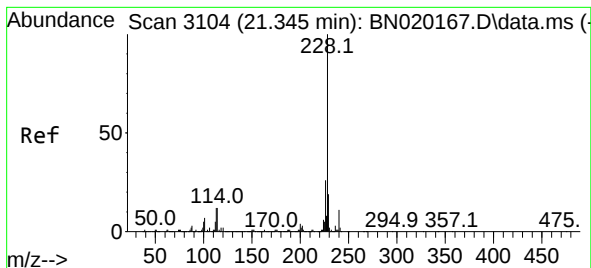
Tgt Ion:149 Resp: 544092
 Ion Ratio Lower Upper
 149 100
 91 74.3 58.8 88.2
 206 19.8 18.1 27.1



#84
 3,3'-Dichlorobenzidine
 Concen: 22.120 ng/ul
 RT: 21.280 min Scan# 3093
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Tgt Ion:252 Resp: 378839
 Ion Ratio Lower Upper
 252 100
 254 61.9 50.8 76.2
 126 13.4 8.2 12.4#





#85

Benzo(a)anthracene

Concen: 20.373 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

Instrument :

BNA_N

ClientSampleId :

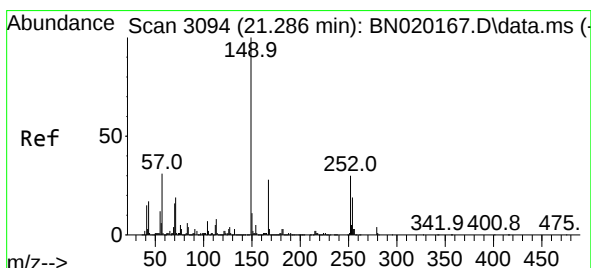
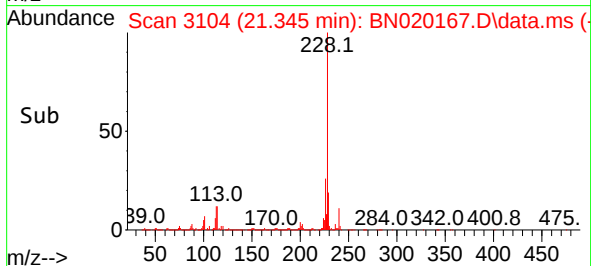
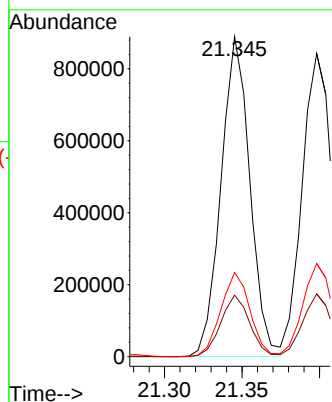
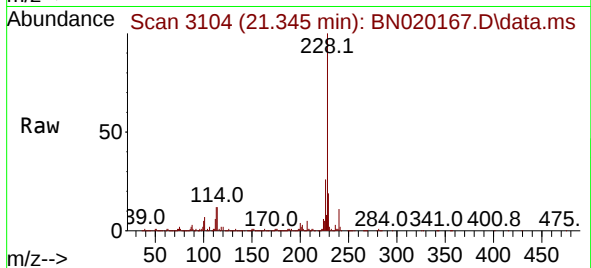
Tgt Ion:228 Resp: 1153579

Ion Ratio Lower Upper

228 100

229 19.3 16.3 24.5

226 26.3 23.2 34.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.131 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BN020167.D

Acq: 15 Jun 2022 10:27

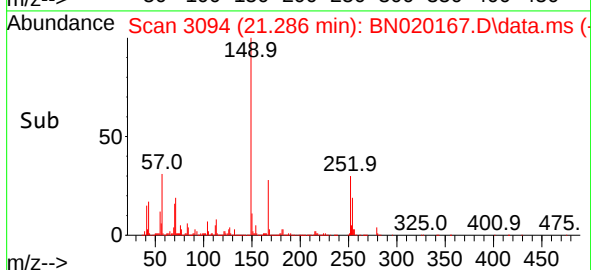
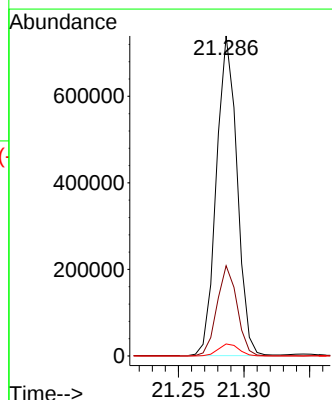
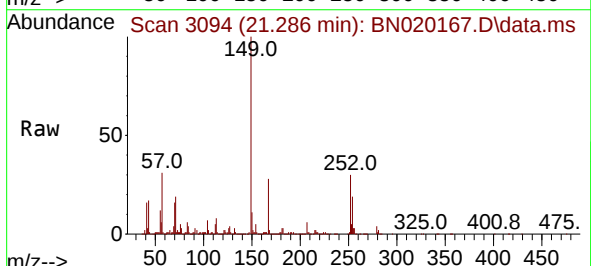
Tgt Ion:149 Resp: 808191

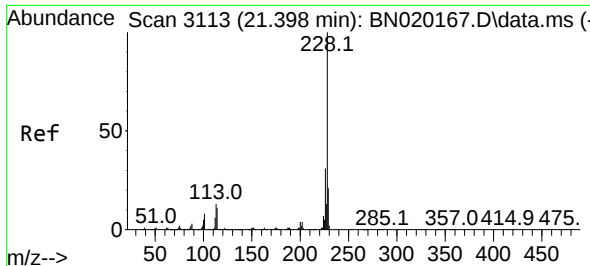
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 3.7 3.5 5.3

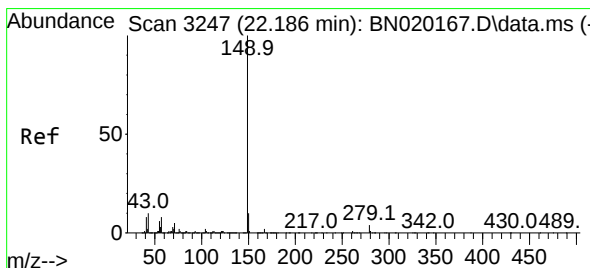
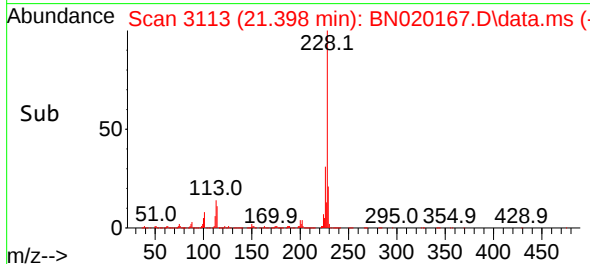
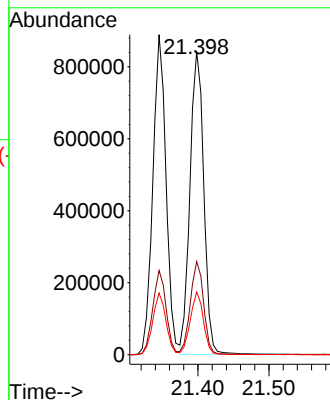
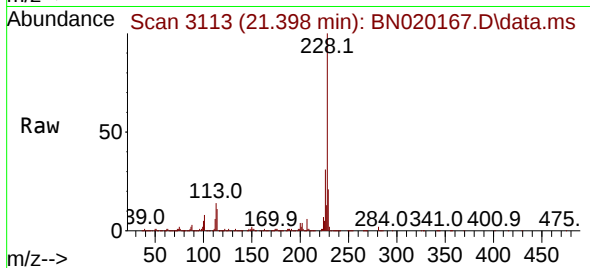




#87
Chrysene
Concen: 20.556 ng/ul
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

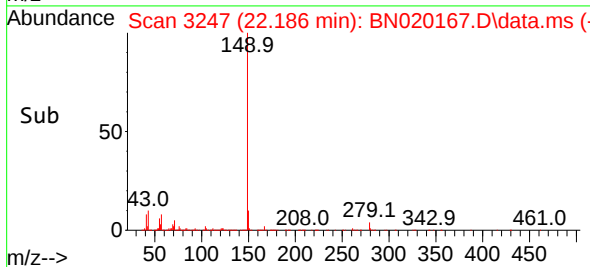
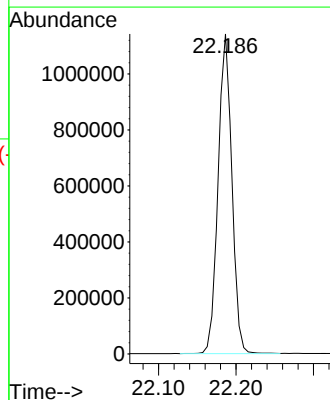
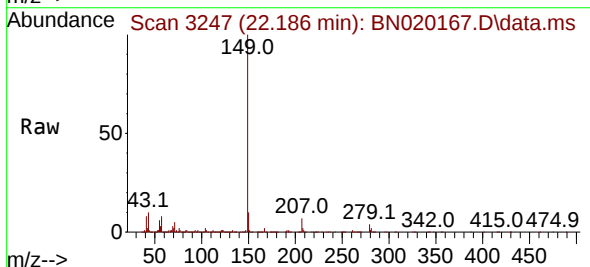
Instrument :
BNA_N
ClientSampleId :

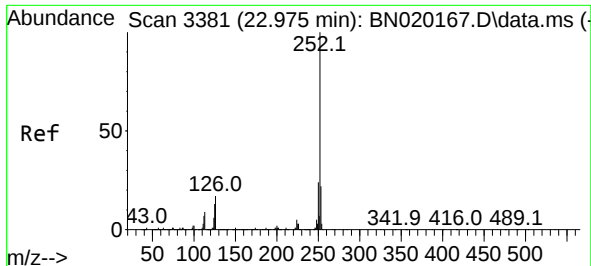
Tgt Ion:228 Resp: 1138702
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.7 16.2 24.2



#89
Di-n-octyl phthalate
Concen: 18.742 ng/ul
RT: 22.186 min Scan# 3247
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:149 Resp: 1414748

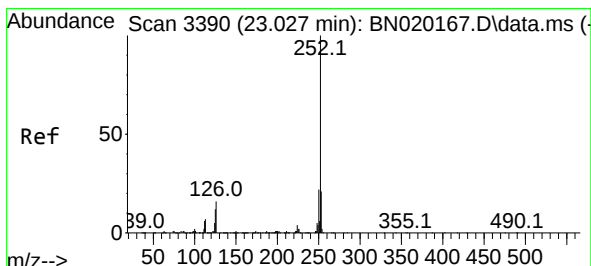
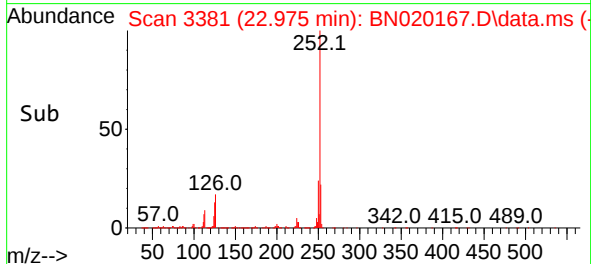
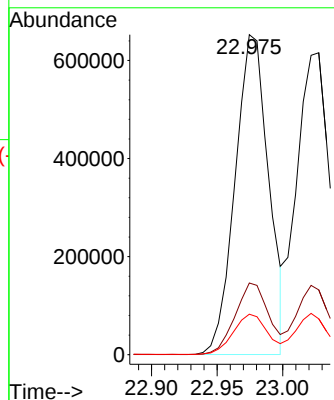
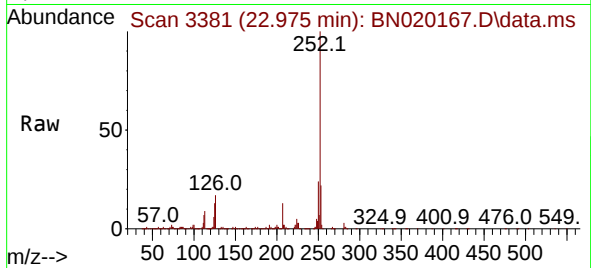




#90
Benzo(b)fluoranthene
Concen: 19.966 ng/ul
RT: 22.975 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

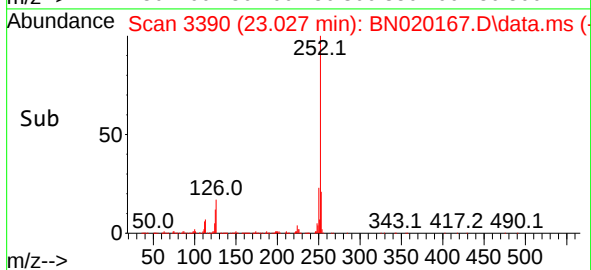
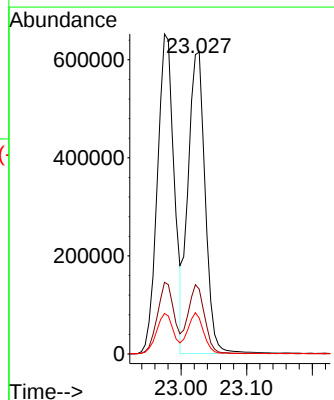
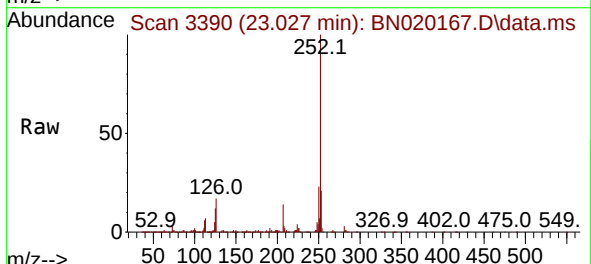
Instrument :
BNA_N
ClientSampleId :

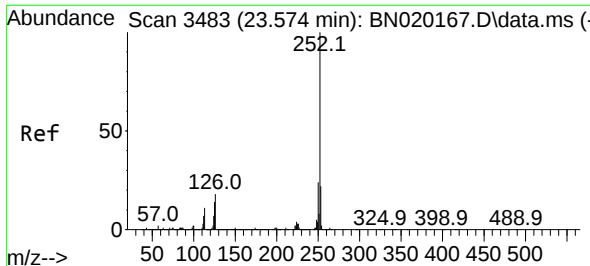
Tgt Ion:252 Resp: 1162182
Ion Ratio Lower Upper
252 100
253 22.4 16.5 24.7
125 12.7 7.8 11.8#



#91
Benzo(k)fluoranthene
Concen: 20.067 ng/ul
RT: 23.027 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

Tgt Ion:252 Resp: 1111894
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 11.9 8.2 12.4

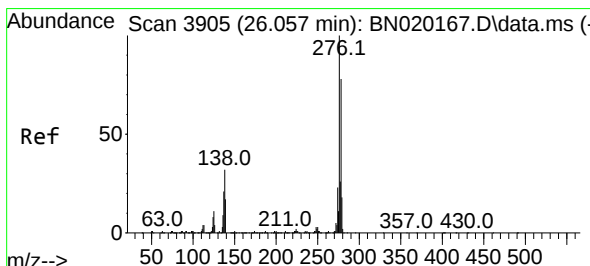
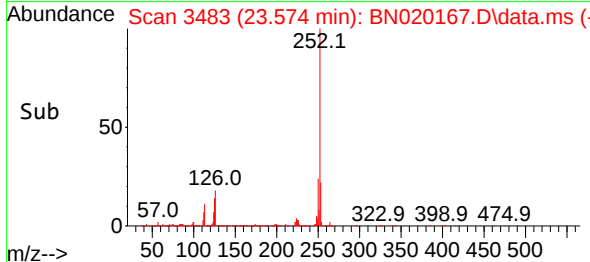
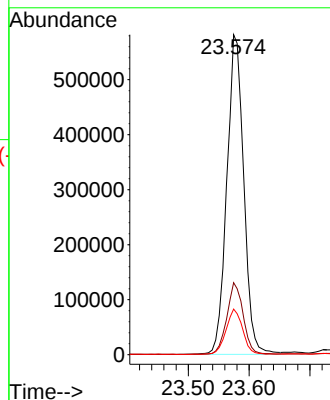
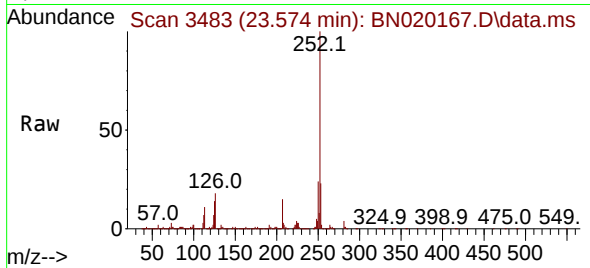




#93
Benzo(a)pyrene
Concen: 19.960 ng/ul
RT: 23.574 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

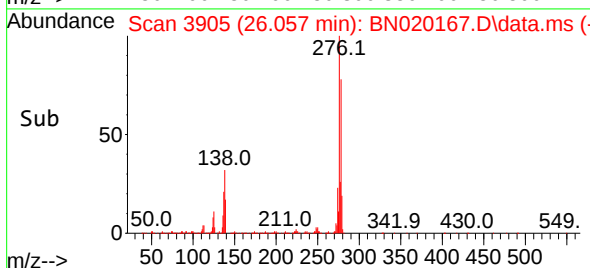
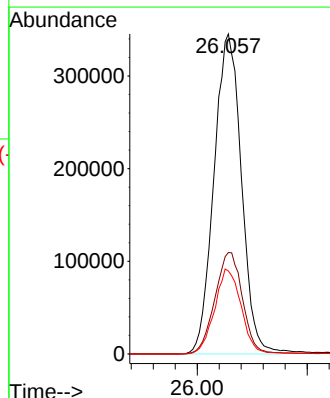
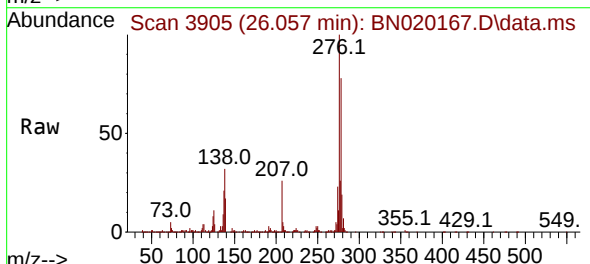
Instrument :
BNA_N
ClientSampleId :

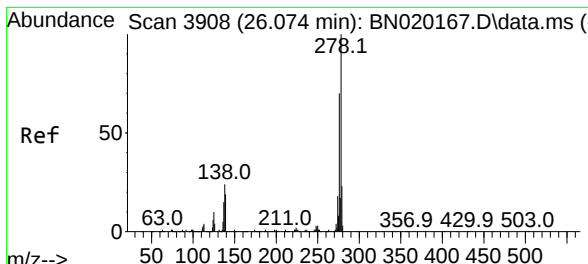
Tgt Ion:252 Resp: 1124622
Ion Ratio Lower Upper
252 100
253 22.5 18.7 28.1
125 14.3 9.2 13.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.605 ng/ul
RT: 26.057 min Scan# 3905
Delta R.T. 0.000 min
Lab File: BN020167.D
Acq: 15 Jun 2022 10:27

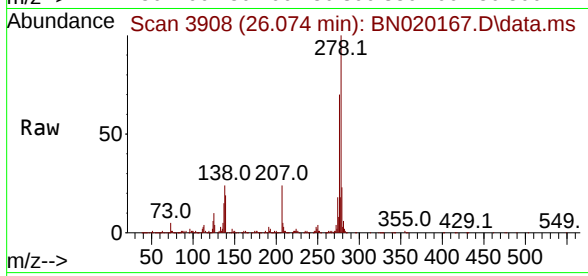
Tgt Ion:276 Resp: 1194467
Ion Ratio Lower Upper
276 100
138 31.7 19.5 29.3#
277 25.9 21.4 32.0





#95
 Dibenzo(a,h)anthracene
 Concen: 20.944 ng/ul
 RT: 26.074 min Scan# 3908
 Delta R.T. 0.000 min
 Lab File: BN020167.D
 Acq: 15 Jun 2022 10:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 1037032

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.8	20.8
279	23.0	18.3	27.5

